

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086383.D
 Acq On : 23 Apr 2016 11:11
 Operator : UM/SJ
 Sample : H2661-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Quant Time: Apr 25 00:47:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	166875	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	705915	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	348543	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	666779	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	465376	20.00	ng	0.00
86) Perylene-d12	15.40	264	416793	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	992727	102.74	ng	0.02
7) Phenol-d6	6.48	99	1219926	92.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	759344	63.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	327714	103.87	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1448103	70.90	ng	0.00
78) Terphenyl-d14	12.94	244	1353362	72.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	141033	26.39	ng	97
3) Pyridine	3.21	79	291401	22.89	ng	94
4) n-Nitrosodimethylamine	3.13	42	139700	28.92	ng	89
6) Aniline	6.50	93	411198	25.65	ng	99
8) 2-Chlorophenol	6.62	128	397610	33.70	ng	98
9) Benzaldehyde	6.38	77	66636	8.35	ng	89
10) Phenol	6.49	94	503627	32.47	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	416295	30.83	ng	96
12) 1,3-Dichlorobenzene	6.78	146	410072	32.59	ng	97
13) 1,4-Dichlorobenzene	6.85	146	433608	31.37	ng	92
14) 1,2-Dichlorobenzene	7.01	146	425272	33.87	ng	96
15) Benzyl Alcohol	6.99	79	292916	37.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	522166	29.50	ng	98
17) 2-Methylphenol	7.10	107	325817	33.70	ng	96
18) Hexachloroethane	7.36	117	148909	31.99	ng	# 88
19) n-Nitroso-di-n-propylamine	7.25	70	245241	31.24	ng	# 87
20) 3+4-Methylphenols	7.25	107	359509	35.08	ng	95
22) Acetophenone	7.25	105	523154	35.33	ng	# 94
24) Nitrobenzene	7.42	77	421578	32.98	ng	91
25) Isophorone	7.66	82	747435	32.00	ng	96
26) 2-Nitrophenol	7.74	139	228805	36.23	ng	93
27) 2,4-Dimethylphenol	7.78	122	348989	32.27	ng	92
28) bis(2-Chloroethoxy)methane	7.88	93	479680	36.79	ng	99
29) 2,4-Dichlorophenol	7.98	162	353997	39.60	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	345876	35.62	ng	93
31) Naphthalene	8.14	128	1199912	33.37	ng	99
32) Benzoic acid	7.87	122	95209	13.77	ng	94
33) 4-Chloroaniline	8.20	127	298457	21.31	ng	97
34) Hexachlorobutadiene	8.27	225	171460	35.36	ng	99
35) Caprolactam	8.56	113	65984	20.57	ng	89
36) 4-Chloro-3-methylphenol	8.68	107	373318	35.14	ng	100
37) 2-Methylnaphthalene	8.84	142	775395	37.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	294030	32.61	ng	99
40) Hexachlorocyclopentadiene	8.99	237	304480	69.13	ng	94

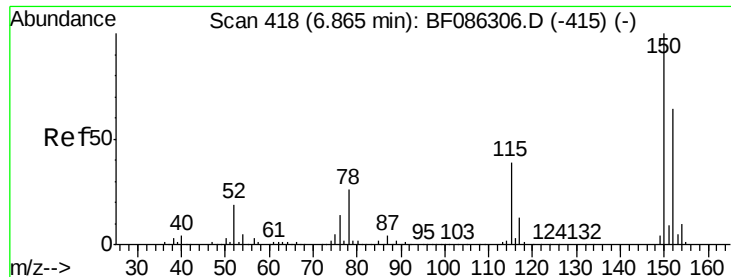
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	216192	36.56	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	248411	34.12	ng	99
45) 1,1'-Biphenyl	9.30	154	902943	33.39	ng	97
46) 2-Chloronaphthalene	9.32	162	713157	33.32	ng	93
47) 2-Nitroaniline	9.42	65	236787	35.53	ng	93
48) Acenaphthylene	9.74	152	1167568	33.65	ng	98
49) Dimethylphthalate	9.61	163	1045200	41.51	ng	100
50) 2,6-Dinitrotoluene	9.66	165	200042	36.78	ng	87
51) Acenaphthene	9.92	154	746459	35.01	ng	100
52) 3-Nitroaniline	9.84	138	192501	28.27	ng	92
53) 2,4-Dinitrophenol	9.94	184	95508	33.78	ng	89
54) Dibenzofuran	10.09	168	1032617	37.72	ng	97
55) 4-Nitrophenol	10.00	139	307147	64.46	ng	87
56) 2,4-Dinitrotoluene	10.06	165	253134	35.05	ng	88
57) Fluorene	10.43	166	748366	33.36	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	202511	38.06	ng	99
59) Diethylphthalate	10.30	149	835890	34.67	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	335424	34.19	ng	93
61) 4-Nitroaniline	10.45	138	233330	33.48	ng	98
62) Azobenzene	10.58	77	892932	35.71	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	94016	23.07	ng	84
65) n-Nitrosodiphenylamine	10.54	169	685946	33.36	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	218541	33.47	ng	# 88
67) Hexachlorobenzene	10.97	284	221091	31.74	ng	# 67
68) Atrazine	11.07	200	221740	34.93	ng	97
69) Pentachlorophenol	11.16	266	239142	58.46	ng	99
70) Phenanthrene	11.38	178	1113359	33.23	ng	99
71) Anthracene	11.44	178	1256744	32.74	ng	99
72) Carbazole	11.60	167	1213845	33.67	ng	99
73) Di-n-butylphthalate	11.93	149	1344363	35.44	ng	99
74) Fluoranthene	12.57	202	1203948	33.32	ng	96
76) Benzidine	12.69	184	475365	24.91	ng	96
77) Pyrene	12.80	202	1226886	37.80	ng	100
79) Butylbenzylphthalate	13.41	149	547749	36.23	ng	# 75
80) Benzo(a)anthracene	13.99	228	829795	34.35	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	195164	11.71	ng	# 97
82) Chrysene	14.02	228	1029264	37.82	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	648719	38.32	ng	# 94
84) Di-n-octyl phthalate	14.59	149	1208640	37.19	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	813173	33.61	ng	99
87) Benzo(b)fluoranthene	15.00	252	755362	33.02	ng	97
88) Benzo(k)fluoranthene	15.00	252	755362	33.64	ng	99
89) Benzo(a)pyrene	15.35	252	794444	35.20	ng	# 98
90) Dibenzo(a,h)anthracene	16.80	278	667013	35.83	ng	99
91) Benzo(g,h,i)perylene	17.20	276	688488	35.82	ng	93

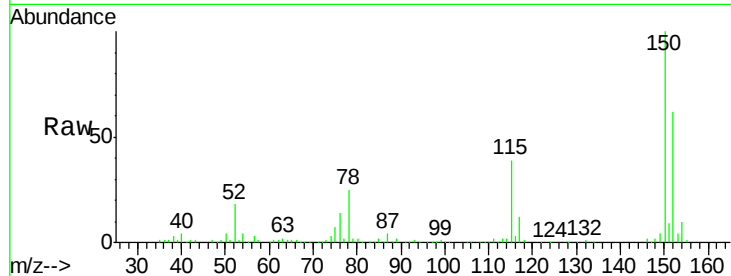
(#) = qualifier out of range (m) = manual integration (+) = signals summed



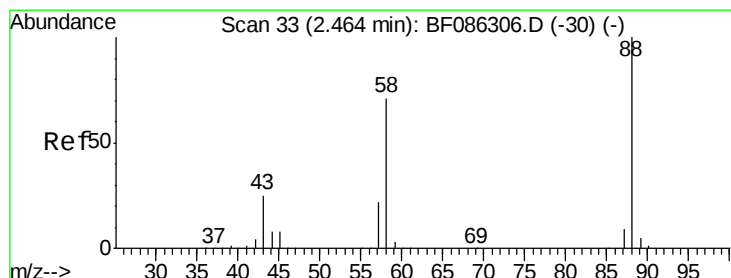
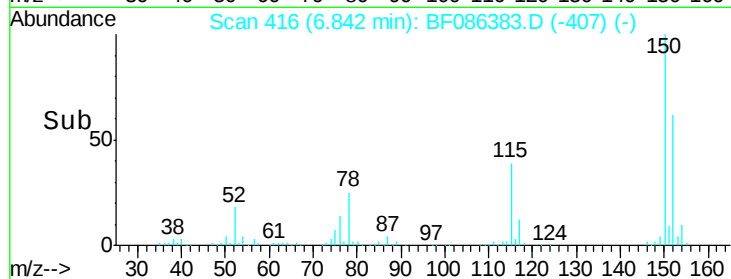
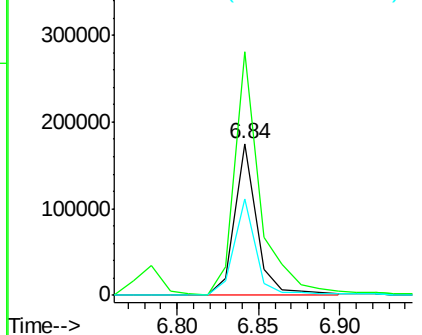
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tgt Ion:152 Resp: 166875
 Ion Ratio Lower Upper
 152 100
 150 160.5 125.8 188.6
 115 63.2 51.5 77.3

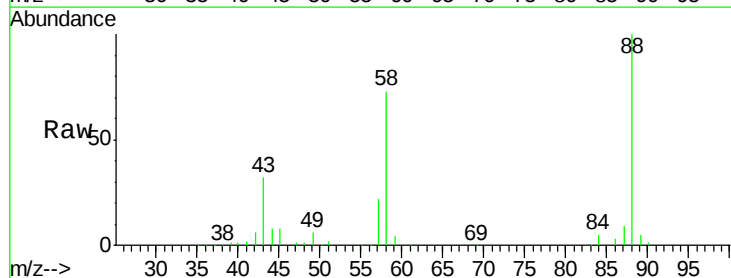


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

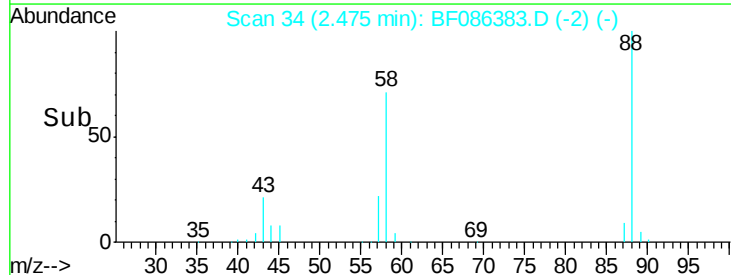
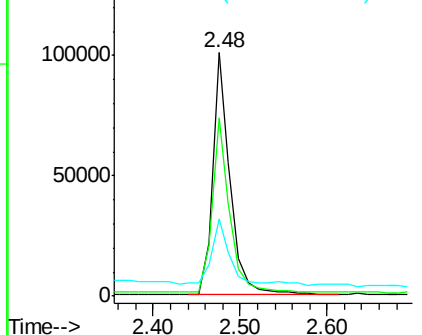


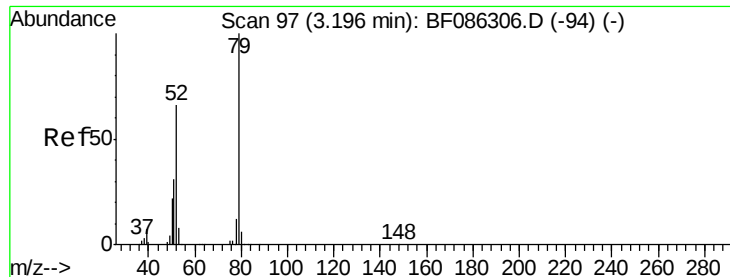
#2
 1,4-Dioxane
 Concen: 26.39 ng
 RT: 2.48 min Scan# 34
 Delta R.T. 0.07 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion: 88 Resp: 141033
 Ion Ratio Lower Upper
 88 100
 58 72.5 59.6 89.4
 43 29.5 21.8 32.6



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 22.89 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.08 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

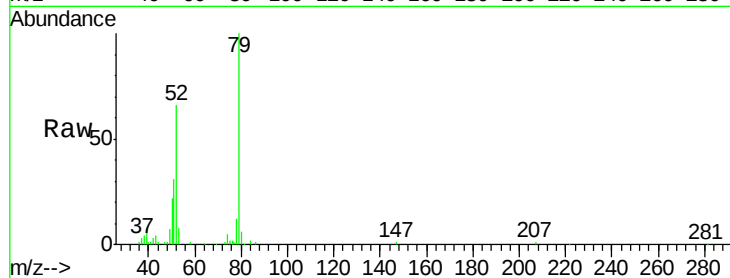
Tgt Ion: 79 Resp: 291401

Ion Ratio Lower Upper

79 100

52 65.6 55.9 83.9

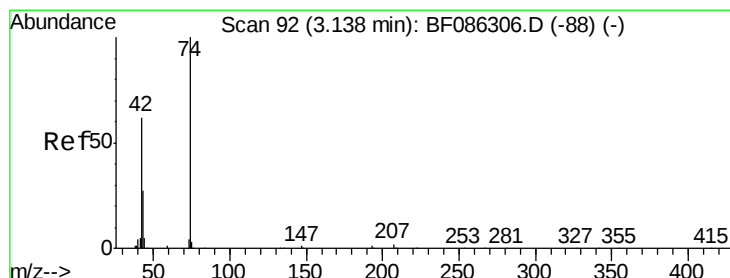
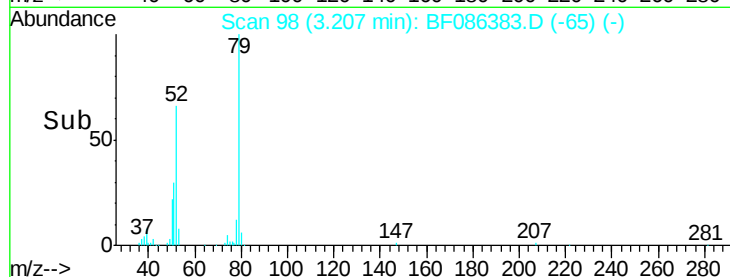
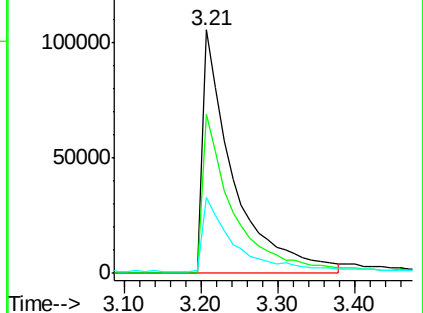
51 31.0 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 28.92 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.06 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

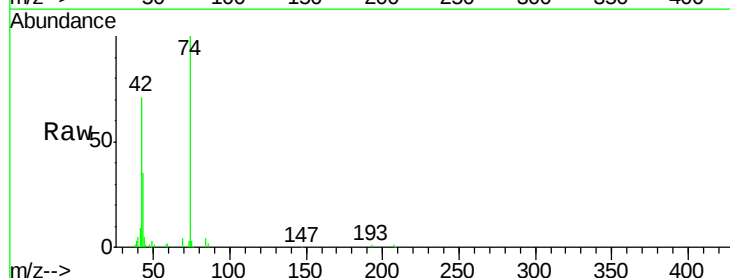
Tgt Ion: 42 Resp: 139700

Ion Ratio Lower Upper

42 100

74 140.0 123.4 185.0

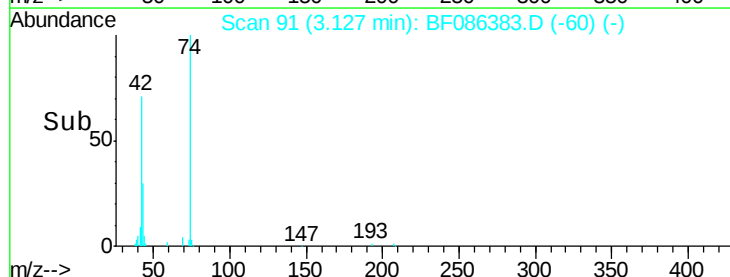
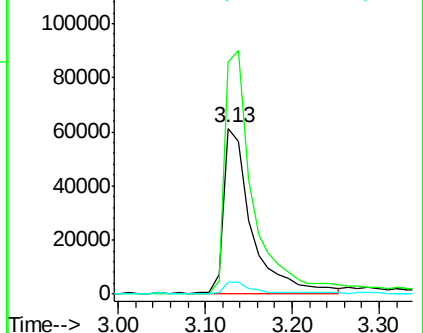
44 7.2 5.8 8.6

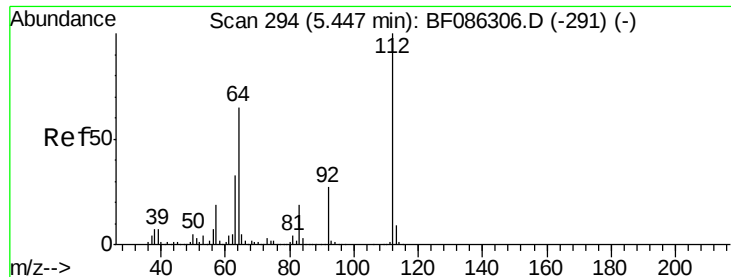


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 102.74 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

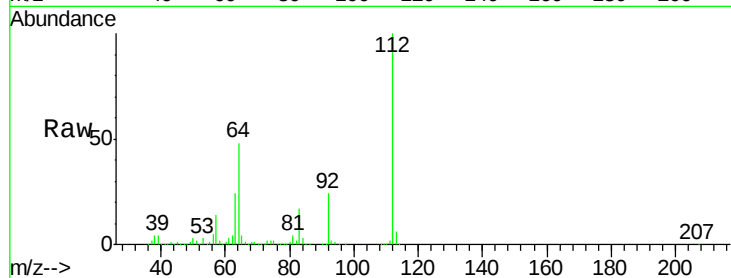
Tgt Ion: 112 Resp: 992727

Ion Ratio Lower Upper

112 100

64 47.8 52.1 78.1#

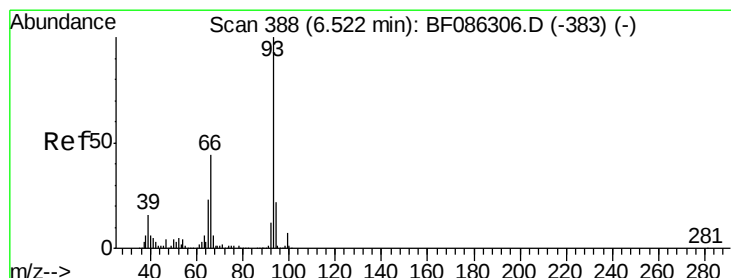
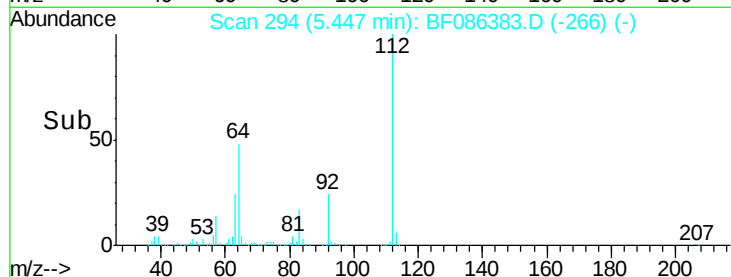
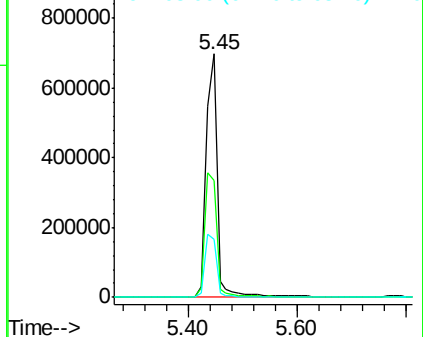
63 23.6 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.65 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

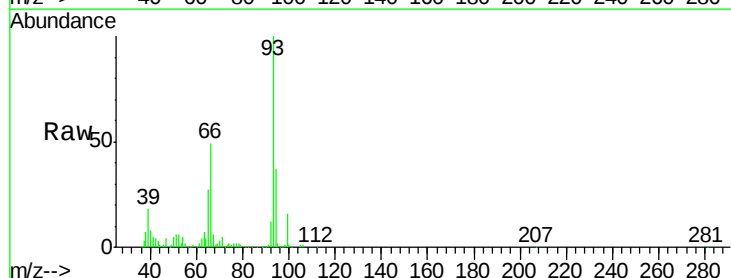
Tgt Ion: 93 Resp: 411198

Ion Ratio Lower Upper

93 100

66 49.3 39.0 58.6

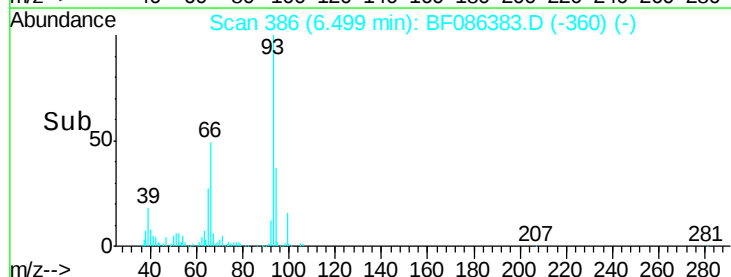
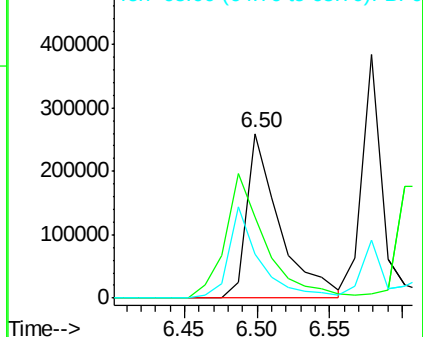
65 26.6 20.6 31.0

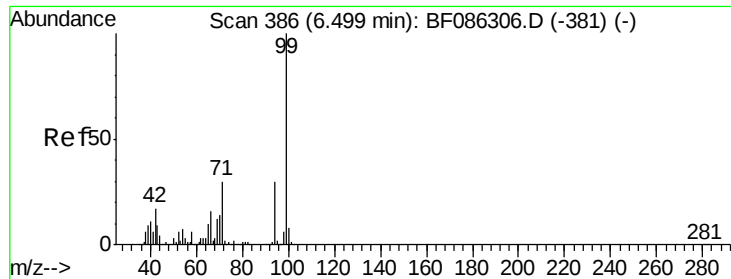


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 92.86 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

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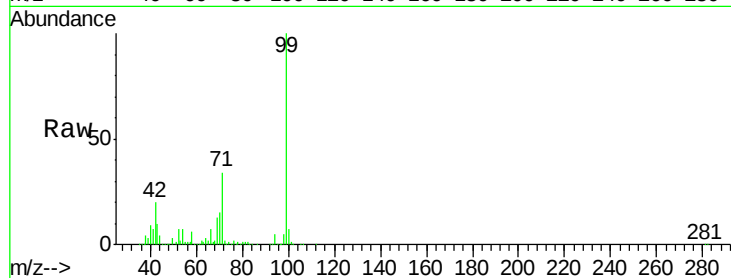
Tgt Ion: 99 Resp: 1219926

Ion Ratio Lower Upper

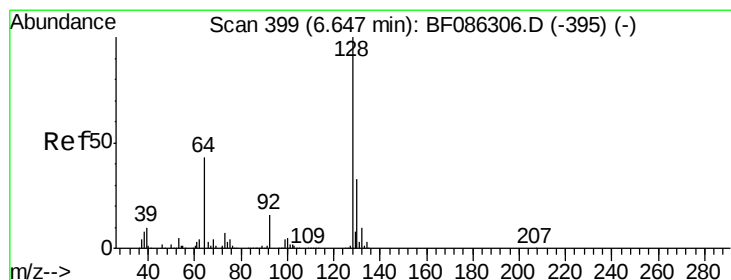
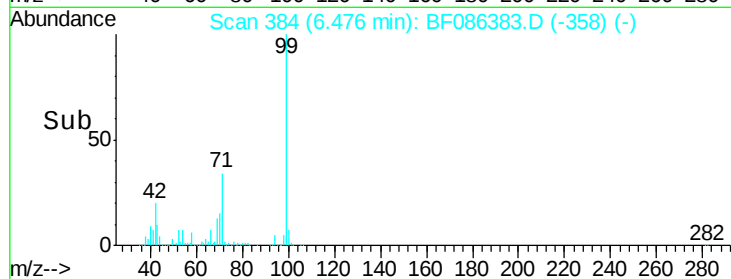
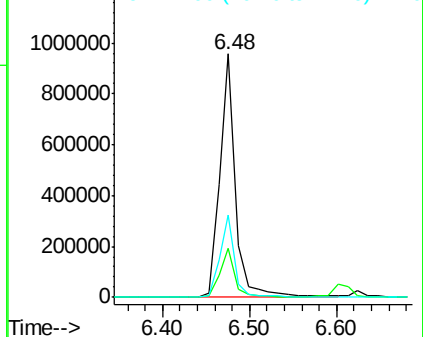
99 100

42 20.0 13.6 20.4

71 33.9 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.70 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

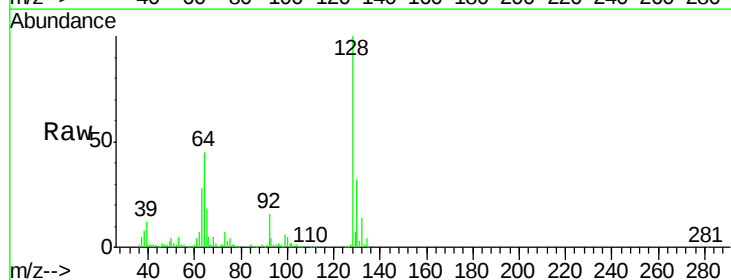
Tgt Ion: 128 Resp: 397610

Ion Ratio Lower Upper

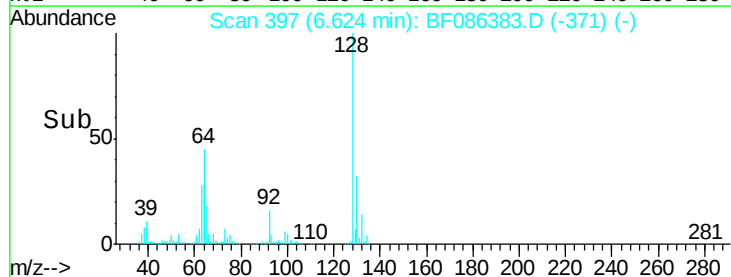
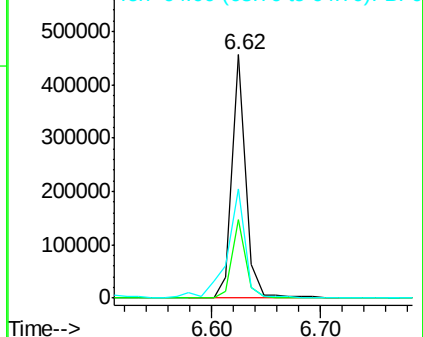
128 100

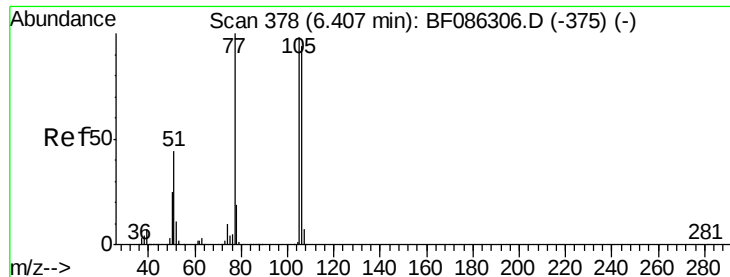
130 32.4 12.5 52.5

64 45.0 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.35 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

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ClientSampleId :

CEDAR-HILL-TF-PS-001MS

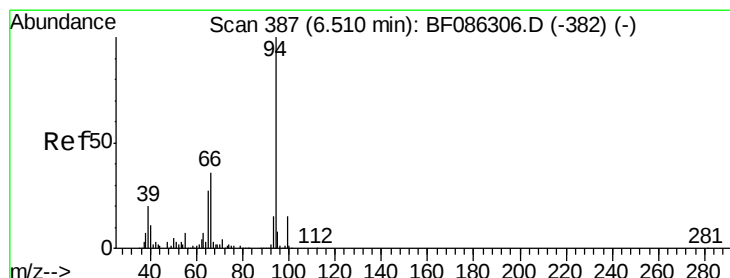
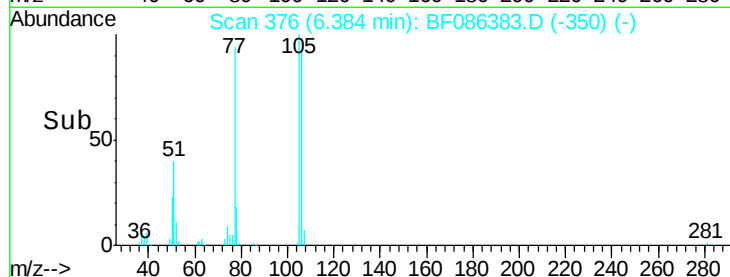
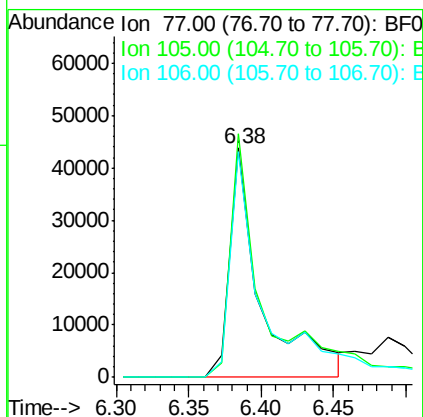
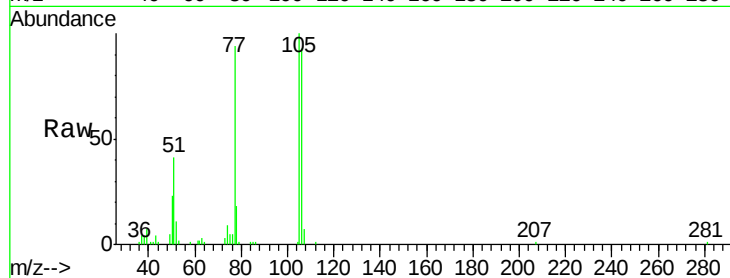
Tgt Ion: 77 Resp: 66636

Ion Ratio Lower Upper

77 100

105 106.2 72.7 112.7

106 98.3 70.8 110.8



#10

Phenol

Concen: 32.47 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

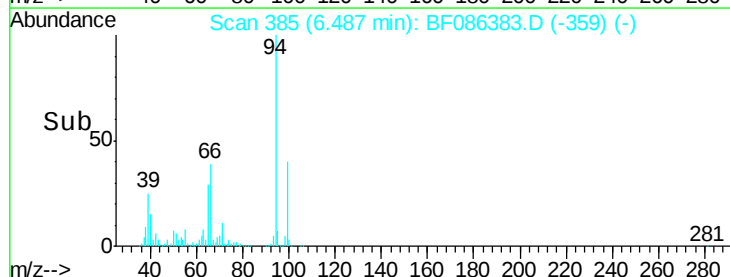
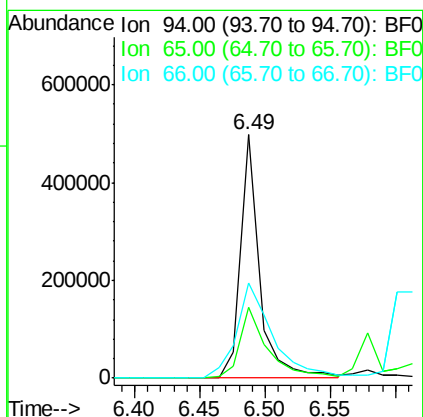
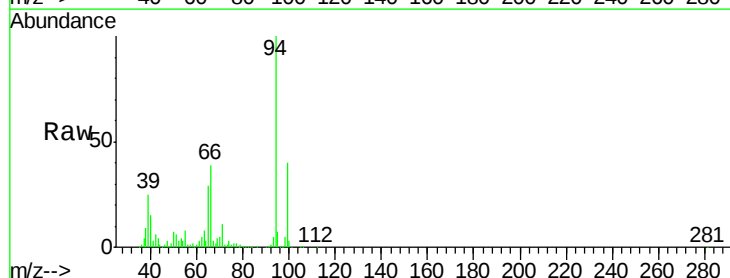
Tgt Ion: 94 Resp: 503627

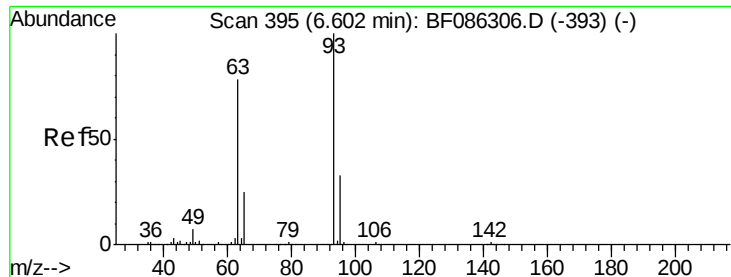
Ion Ratio Lower Upper

94 100

65 29.1 7.2 47.2

66 39.3 14.9 54.9



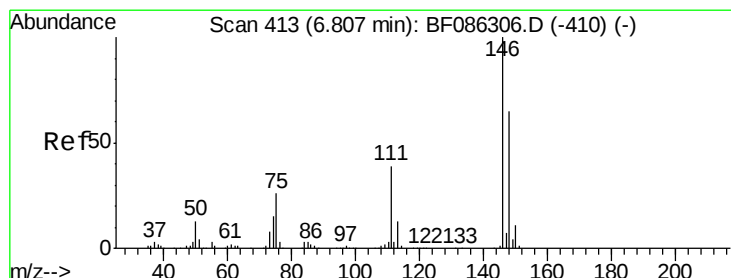
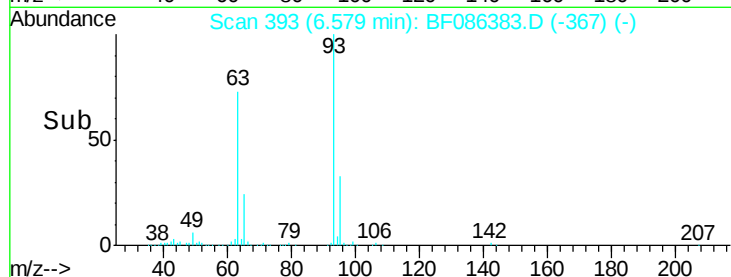
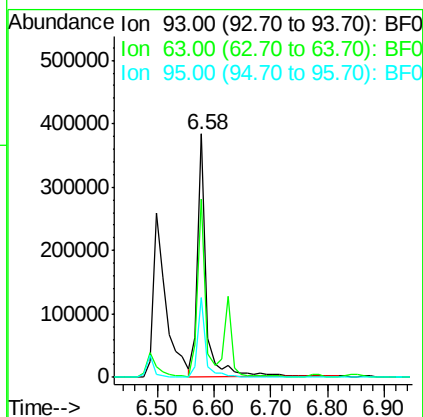
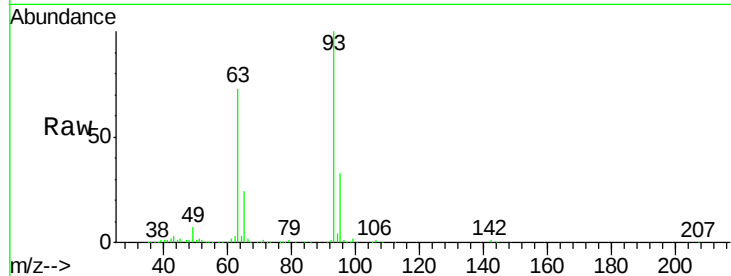


#11
bis(2-Chloroethyl)ether
Concen: 30.83 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tgt Ion: 93 Resp: 416295

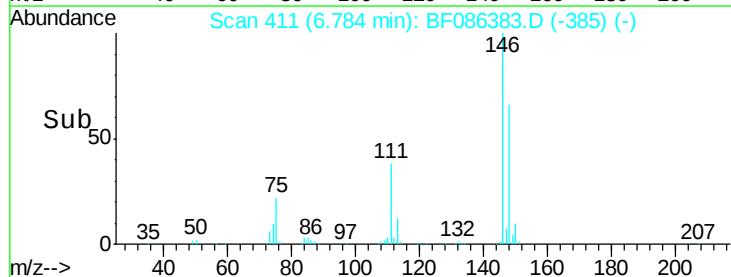
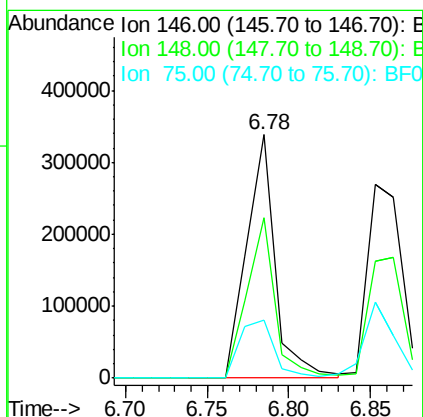
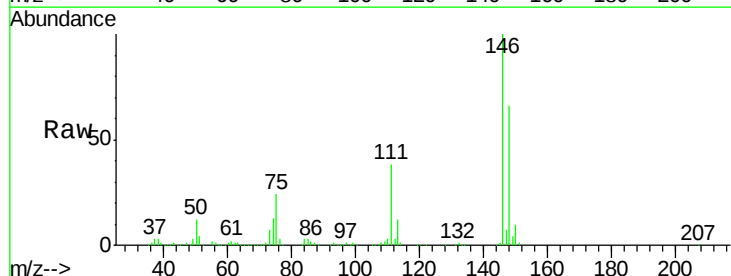
Ion	Ratio	Lower	Upper
93	100		
63	73.1	58.0	98.0
95	32.7	11.9	51.9

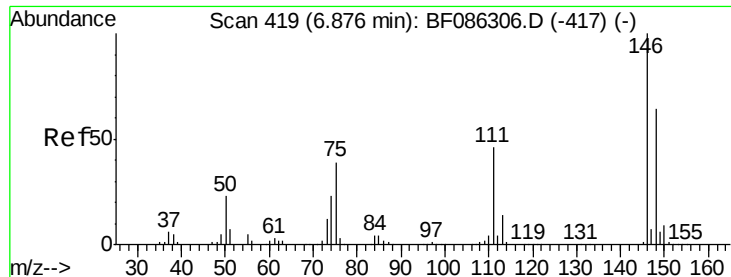


#12
1,3-Dichlorobenzene
Concen: 32.59 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion: 146 Resp: 410072

Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.4	78.6
75	23.6	22.8	34.2

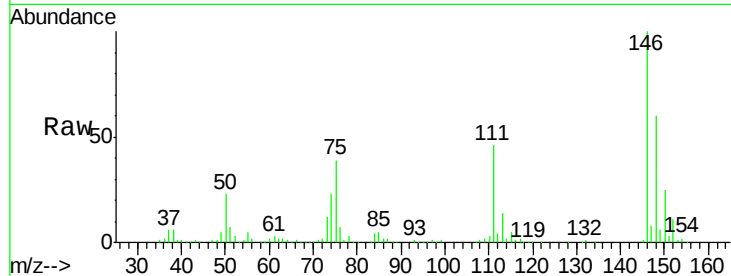




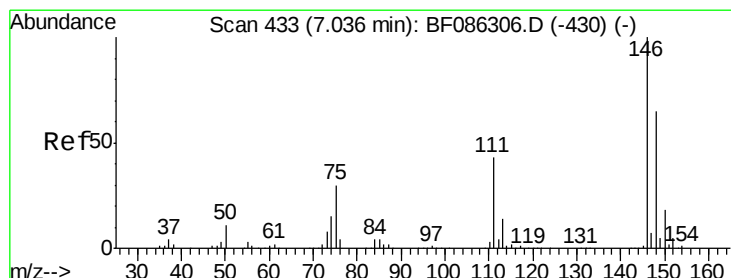
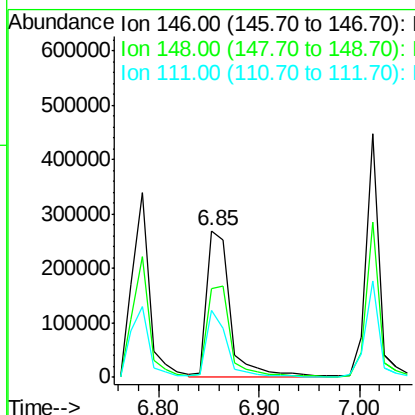
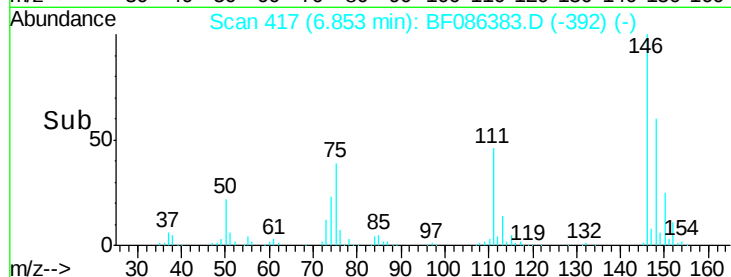
#13
 1,4-Dichlorobenzene
 Concen: 31.37 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tgt Ion:146 Resp: 433608
 Ion Ratio Lower Upper
 146 100
 148 60.5 52.2 78.4
 111 45.6 30.7 46.1

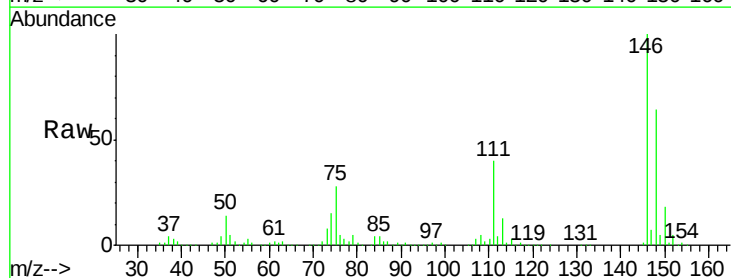


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

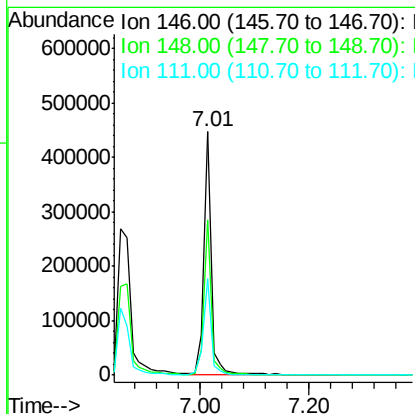
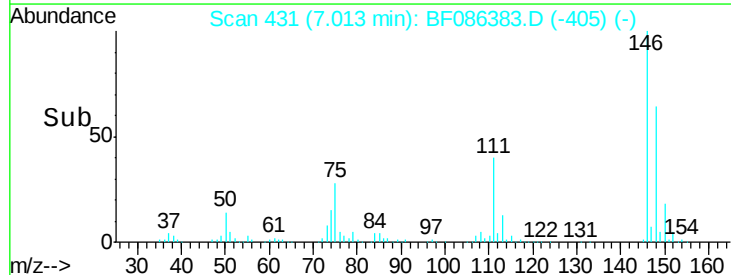


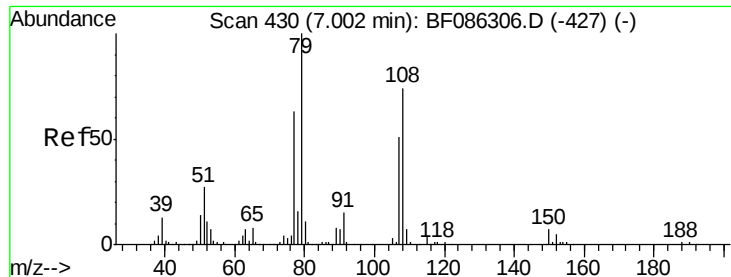
#14
 1,2-Dichlorobenzene
 Concen: 33.87 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion:146 Resp: 425272
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 39.7 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.57 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

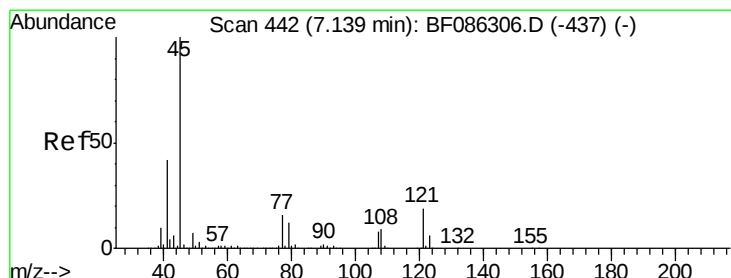
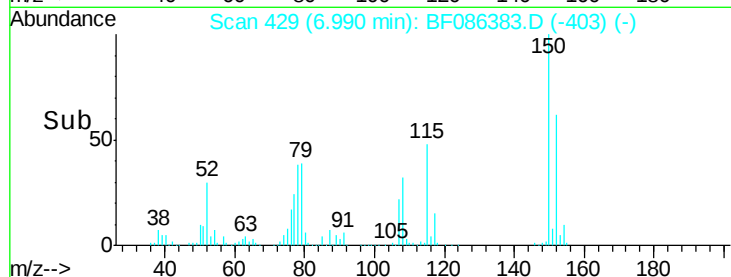
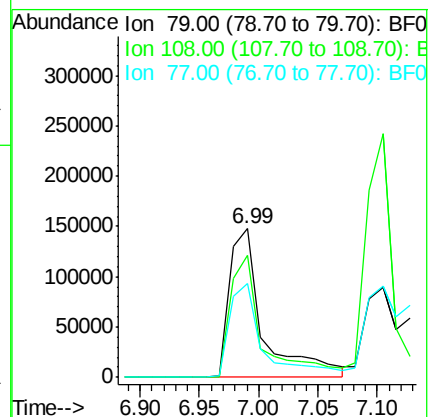
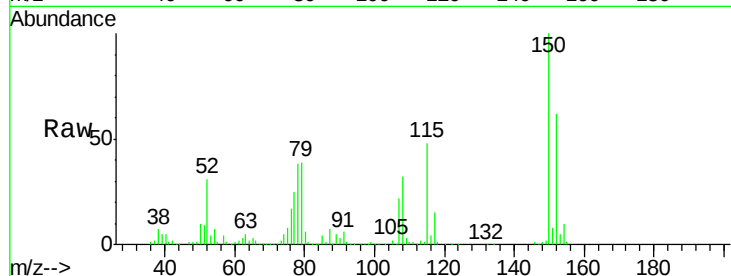
Tgt Ion: 79 Resp: 292916

Ion Ratio Lower Upper

79 100

108 82.6 68.4 102.6

77 63.4 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.50 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

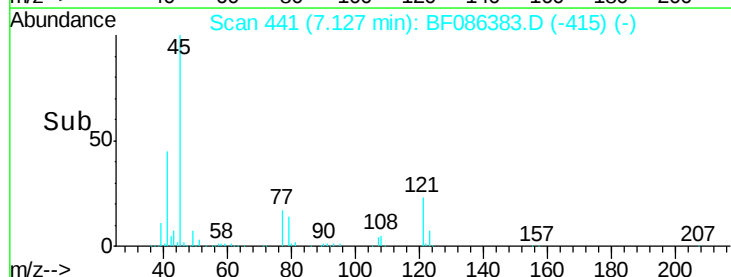
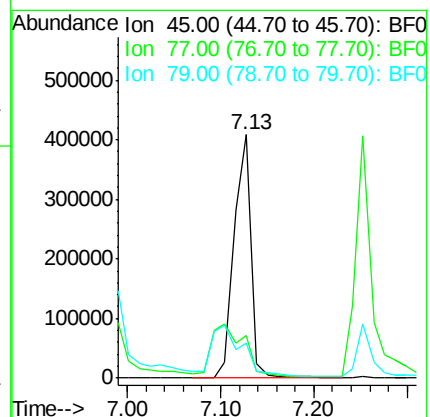
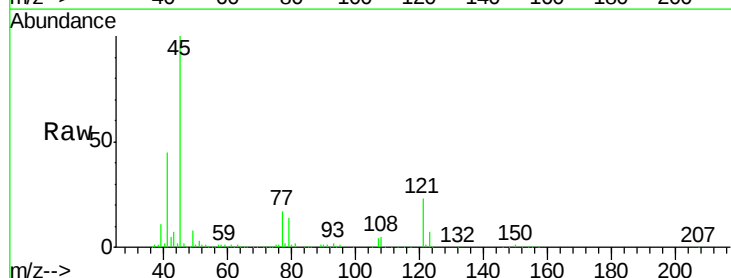
Tgt Ion: 45 Resp: 522166

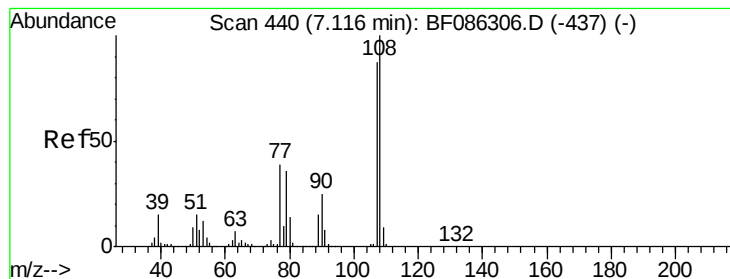
Ion Ratio Lower Upper

45 100

77 17.5 0.0 36.4

79 14.3 0.0 33.4





#17

2-Methylphenol

Concen: 33.70 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tgt Ion:107 Resp: 325817

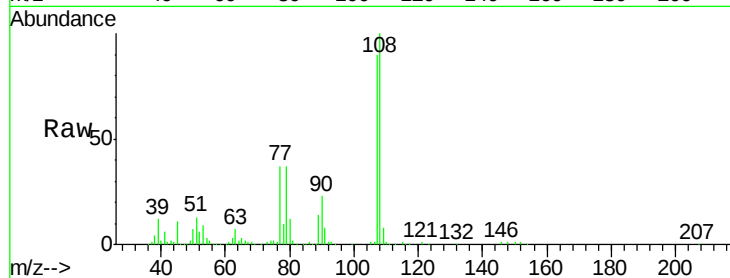
Ion Ratio Lower Upper

107 100

108 111.4 93.7 140.5

77 41.5 33.4 50.0

79 41.3 34.3 51.5

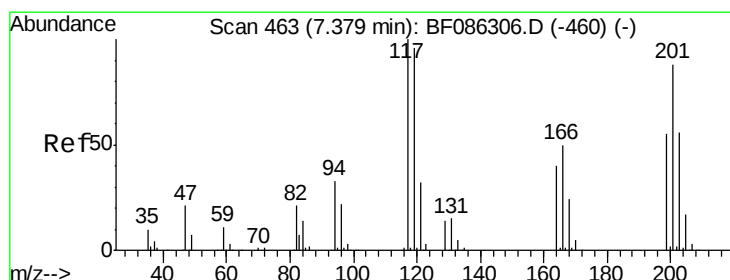
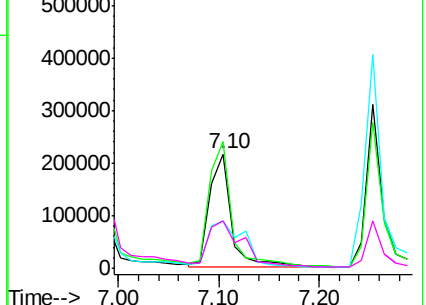
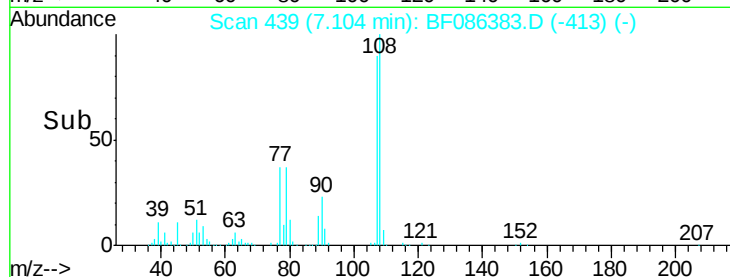


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.99 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

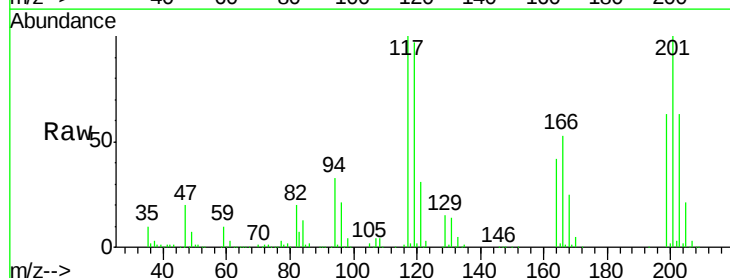
Tgt Ion:117 Resp: 148909

Ion Ratio Lower Upper

117 100

119 97.0 76.5 114.7

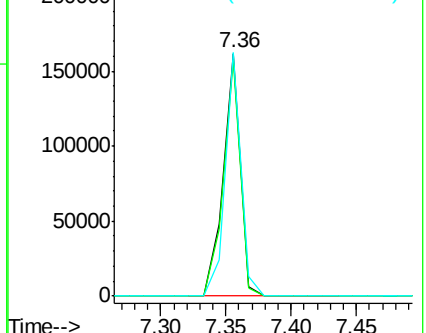
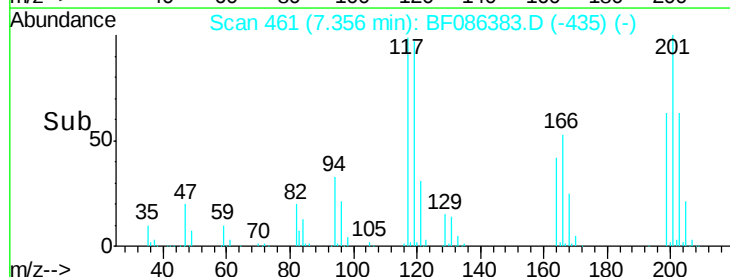
201 100.3 63.0 94.6#

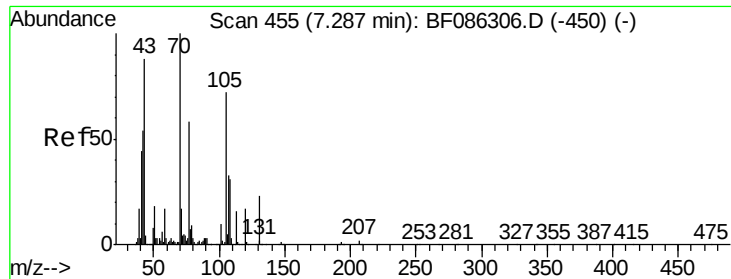


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

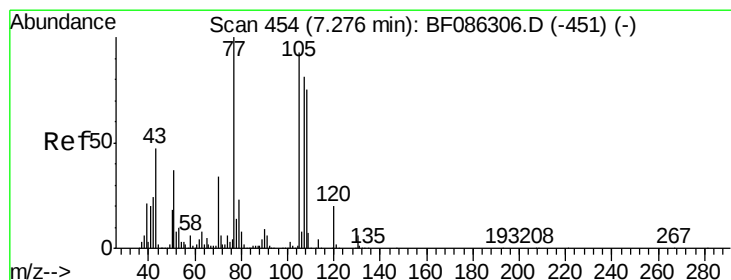
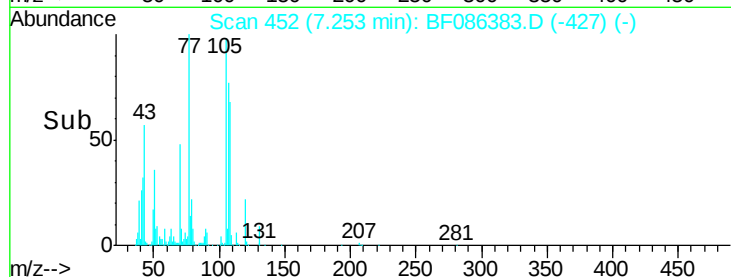
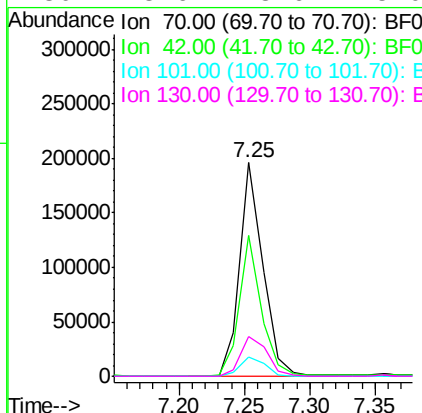
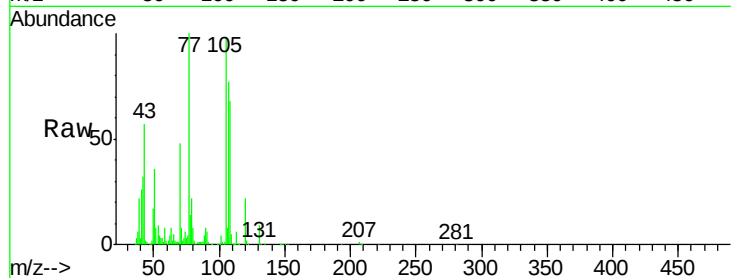




#19
n-Nitroso-di-n-propylamine
Concen: 31.24 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

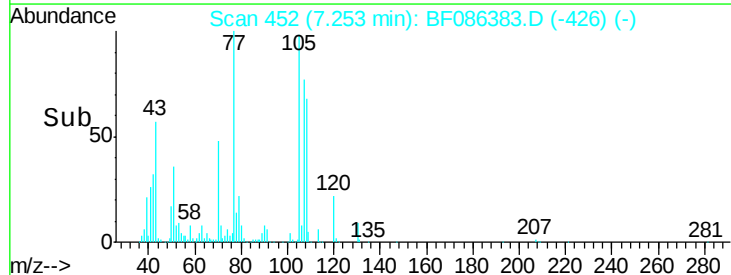
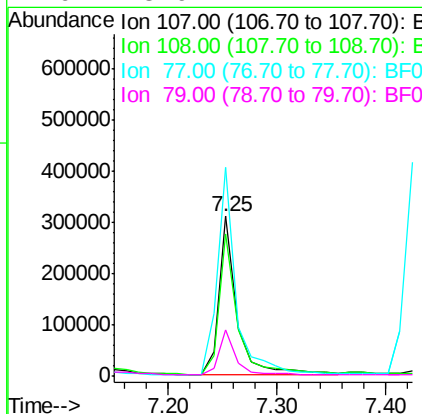
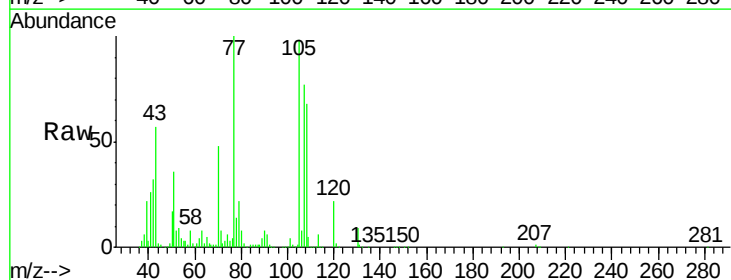
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

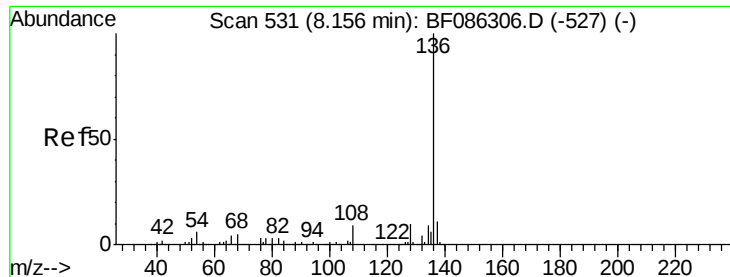
Tgt Ion: 70 Resp: 245241
Ion Ratio Lower Upper
70 100
42 66.0 43.1 64.7#
101 9.1 8.1 12.1
130 18.6 18.6 28.0#



#20
3+4-Methylphenols
Concen: 35.08 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion: 107 Resp: 359509
Ion Ratio Lower Upper
107 100
108 89.0 68.5 108.5
77 130.6 101.6 141.6
79 28.9 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tgt Ion:136 Resp: 705915

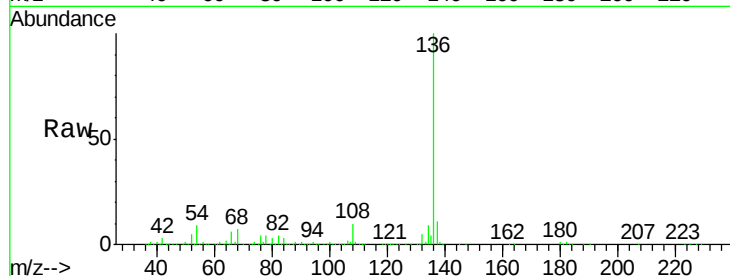
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.8 5.0 7.4#

68 7.3 4.4 6.6#

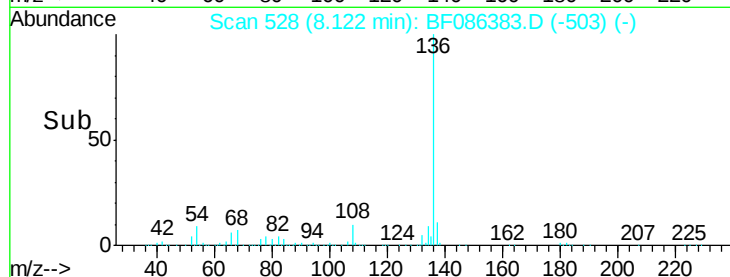


Abundance Ion 136.00 (135.70 to 136.70): E

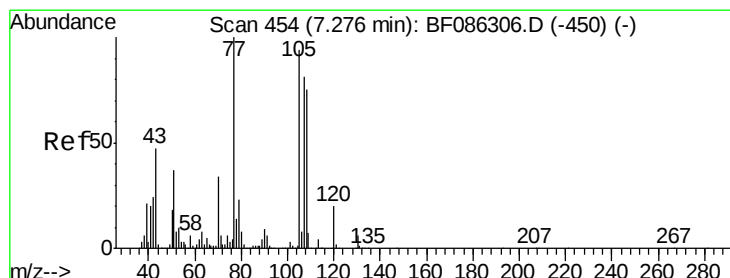
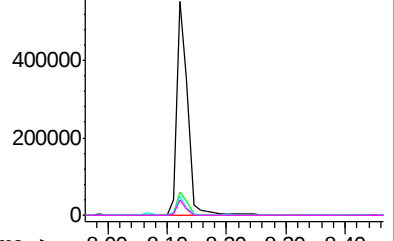
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 35.33 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:105 Resp: 523154

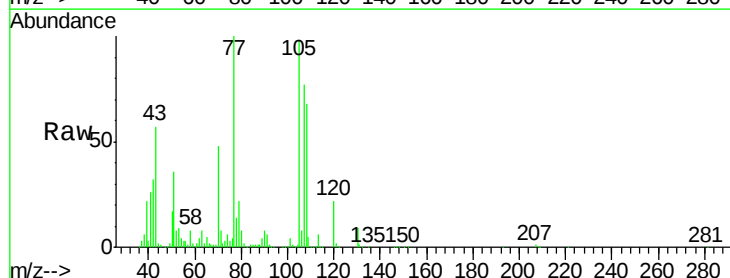
Ion Ratio Lower Upper

105 100

71 8.2 4.8 7.2#

51 36.7 32.6 49.0

120 22.1 16.5 24.7

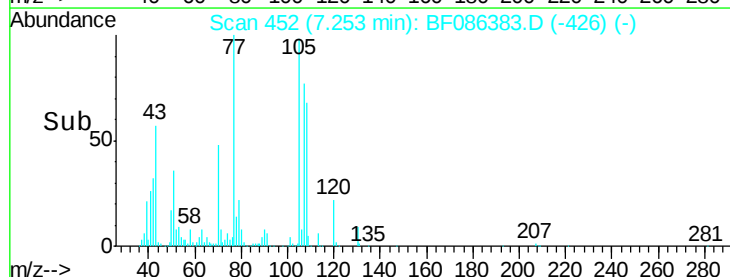


Abundance Ion 105.00 (104.70 to 105.70): E

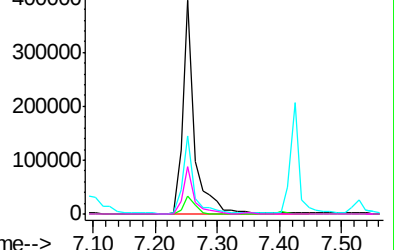
Ion 71.00 (70.70 to 71.70): BF0

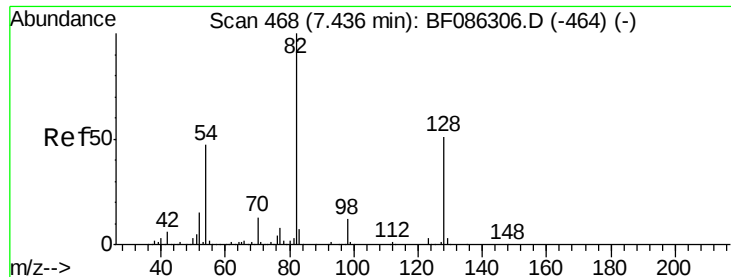
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

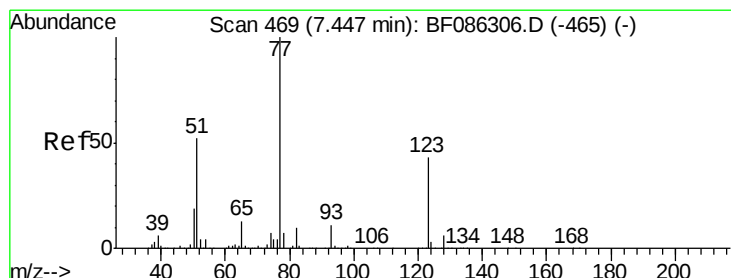
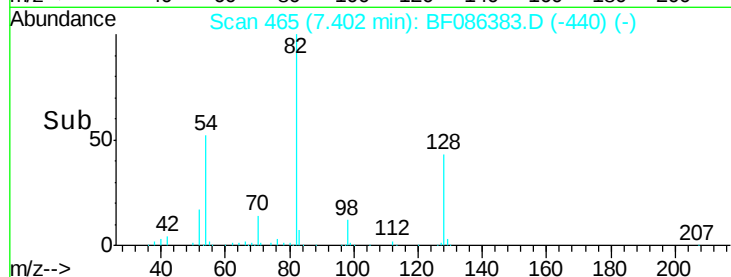
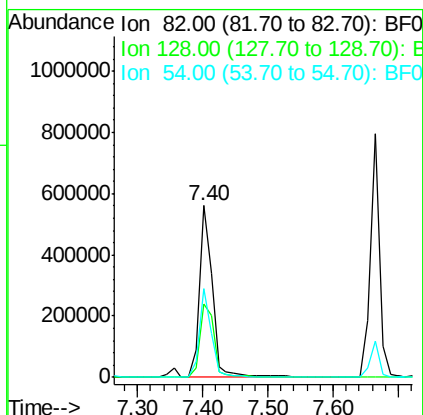
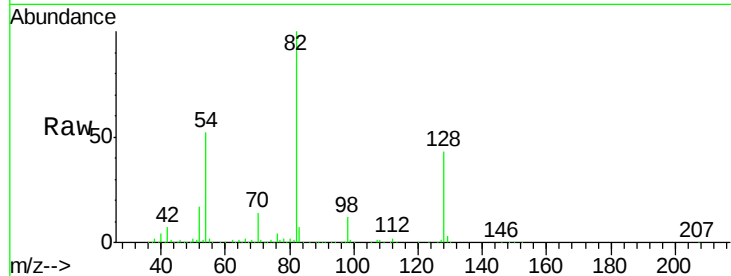




#23
 Nitrobenzene-d5
 Concen: 63.72 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

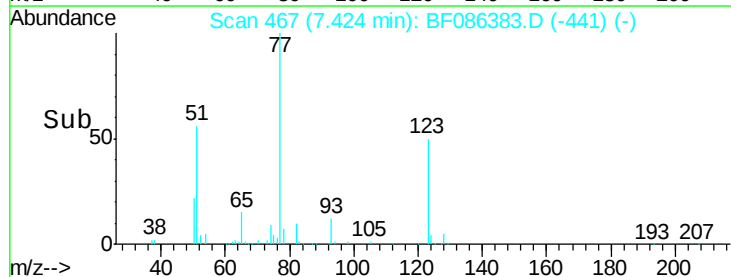
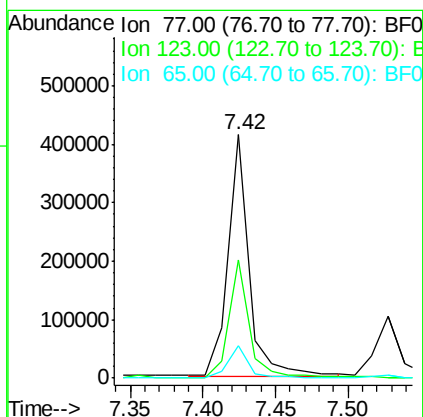
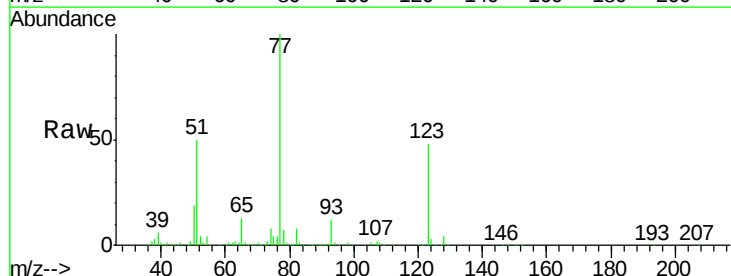
Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

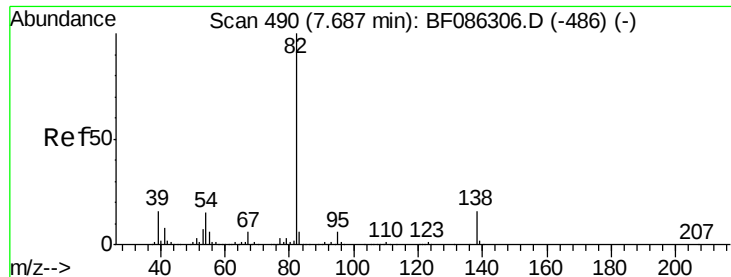
Tgt Ion: 82 Resp: 759344
 Ion Ratio Lower Upper
 82 100
 128 42.9 40.6 61.0
 54 51.8 38.1 57.1



#24
 Nitrobenzene
 Concen: 32.98 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion: 77 Resp: 421578
 Ion Ratio Lower Upper
 77 100
 123 48.5 33.0 49.4
 65 13.1 10.8 16.2





#25

Isophorone

Concen: 32.00 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

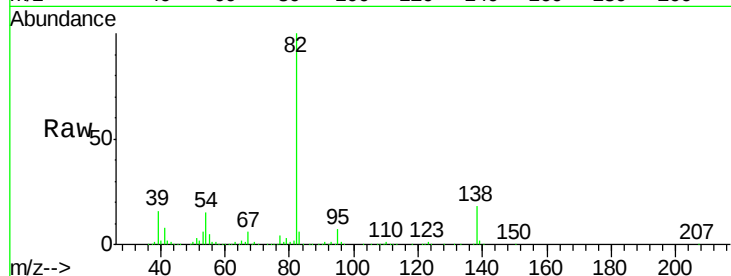
Tgt Ion: 82 Resp: 747435

Ion Ratio Lower Upper

82 100

95 6.7 5.1 7.7

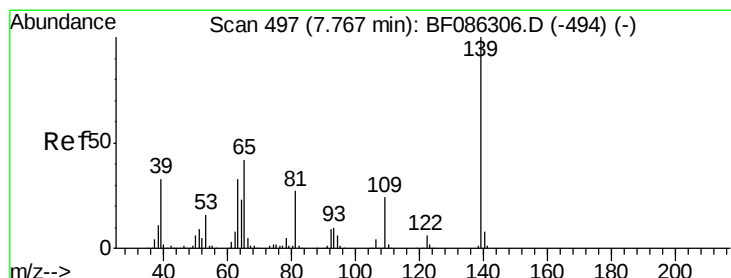
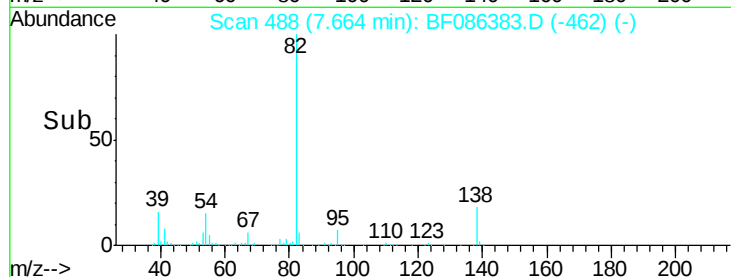
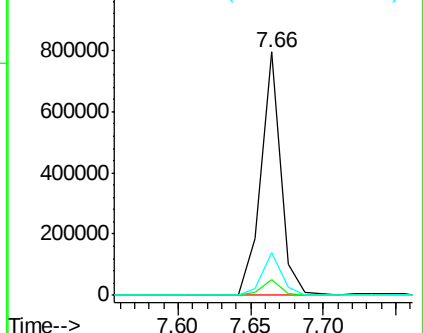
138 17.6 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.23 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

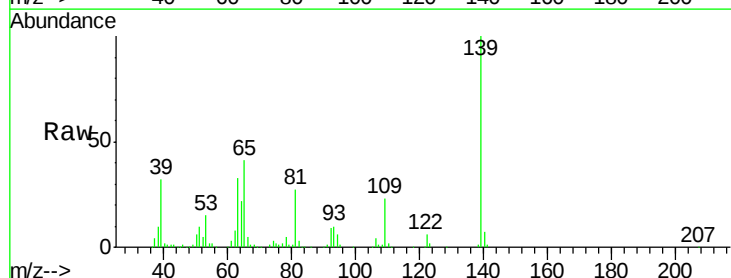
Tgt Ion: 139 Resp: 228805

Ion Ratio Lower Upper

139 100

109 23.0 19.5 29.3

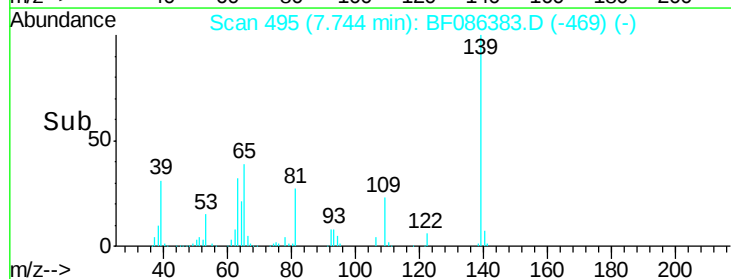
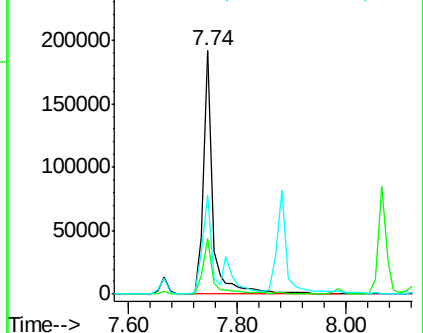
65 40.9 37.5 56.3

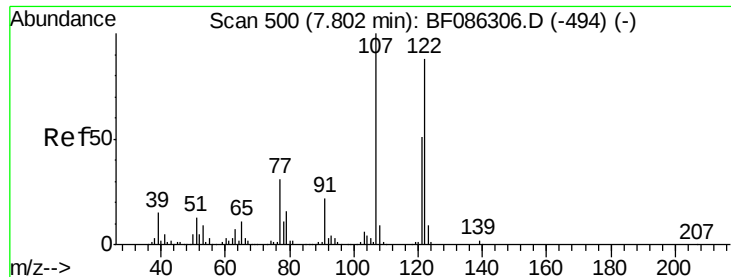


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 32.27 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

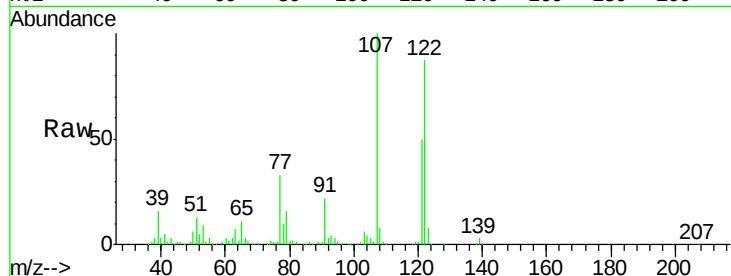
Tgt Ion:122 Resp: 348989

Ion Ratio Lower Upper

122 100

107 115.5 82.0 123.0

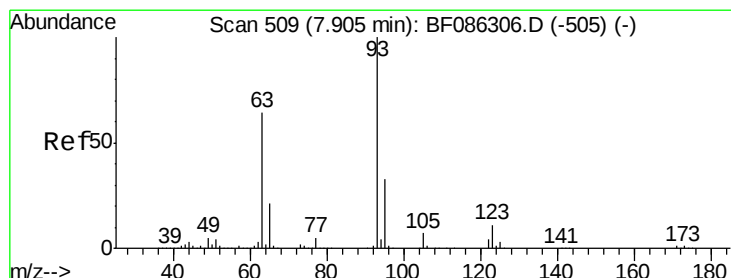
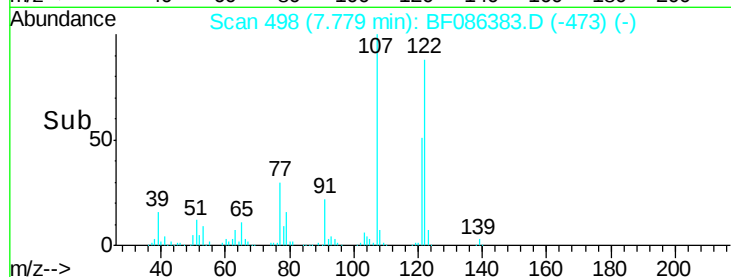
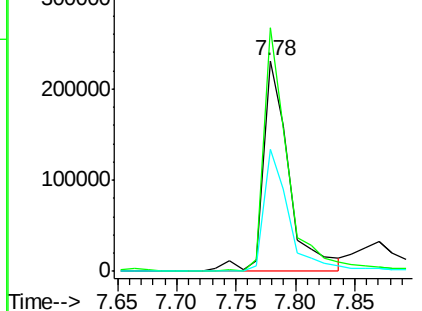
121 57.9 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.79 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

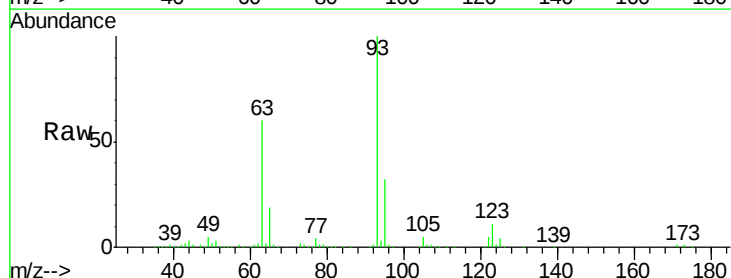
Tgt Ion: 93 Resp: 479680

Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

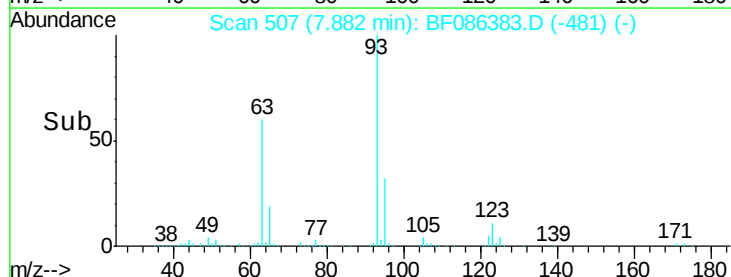
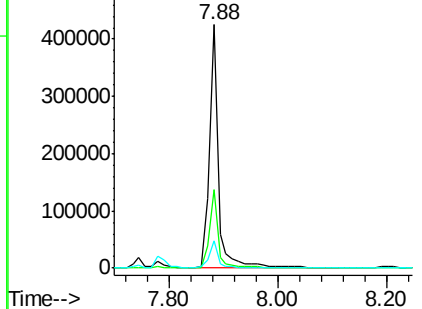
123 11.3 9.5 14.3

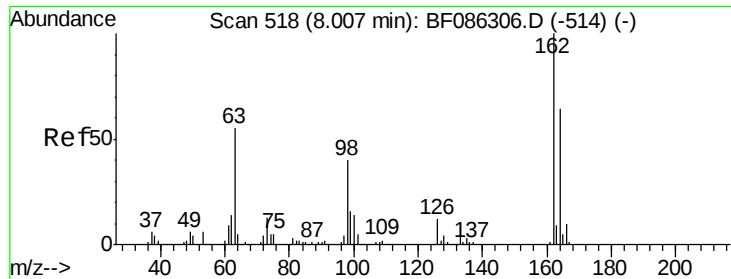


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

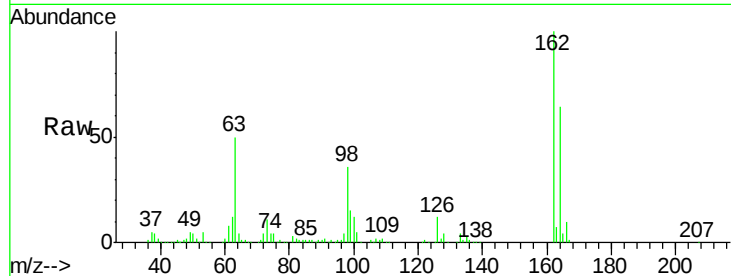




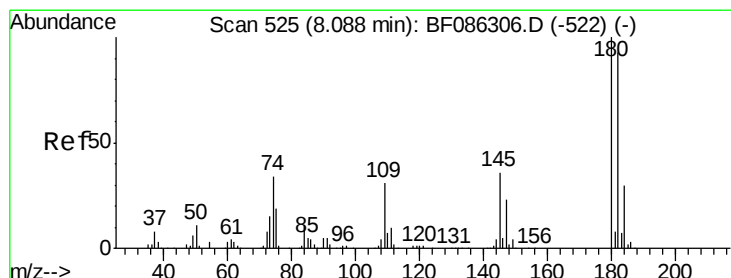
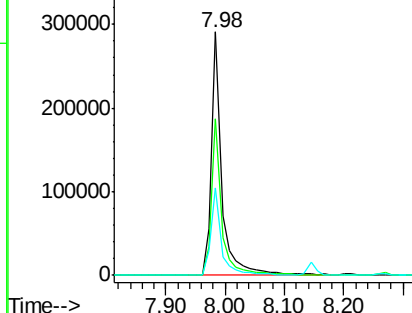
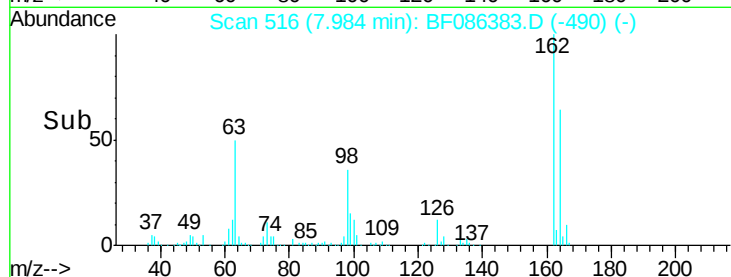
#29
2,4-Dichlorophenol
Concen: 39.60 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.2	82.2
98	36.2	19.0	59.0

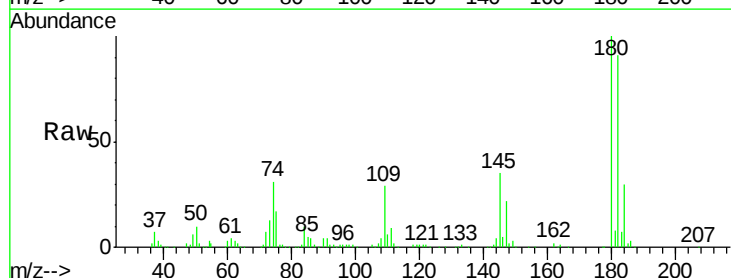


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

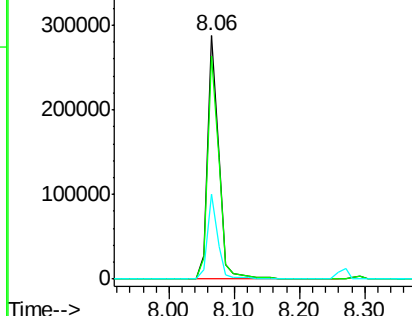
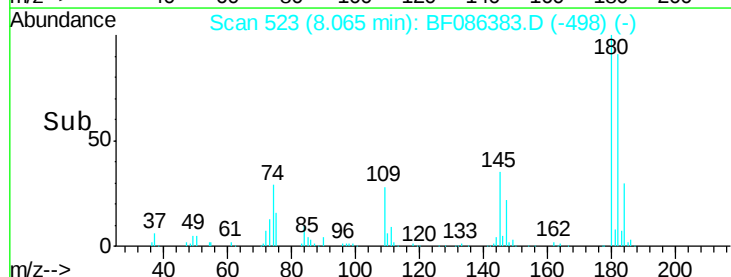


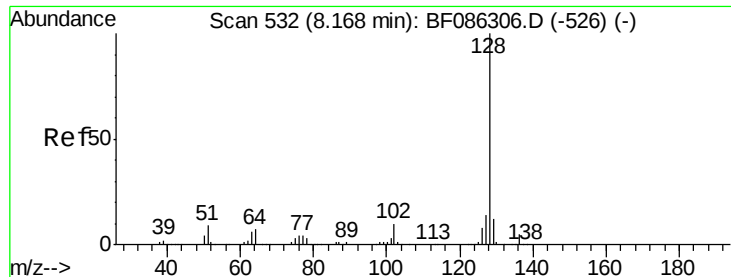
#30
1,2,4-Trichlorobenzene
Concen: 35.62 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	78.0	117.0
145	34.9	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

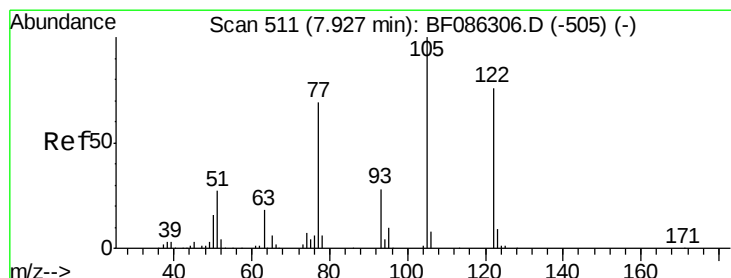
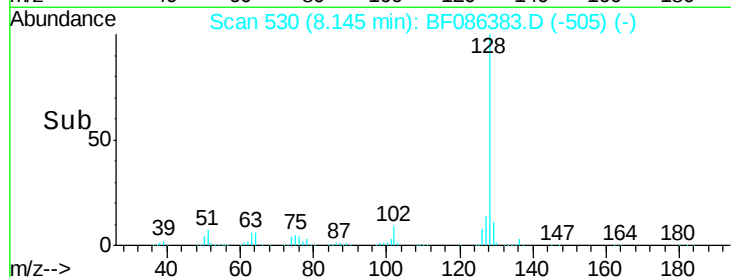
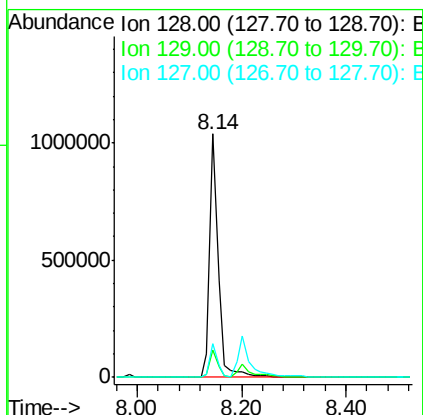
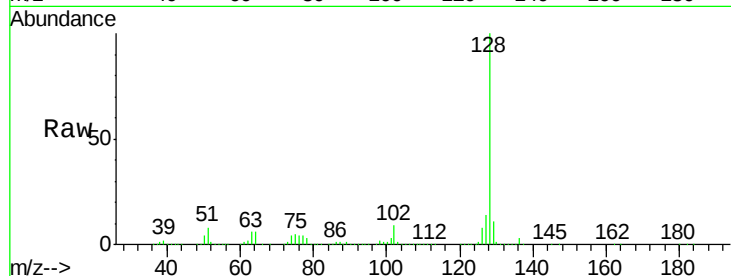




#31
Naphthalene
Concen: 33.37 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

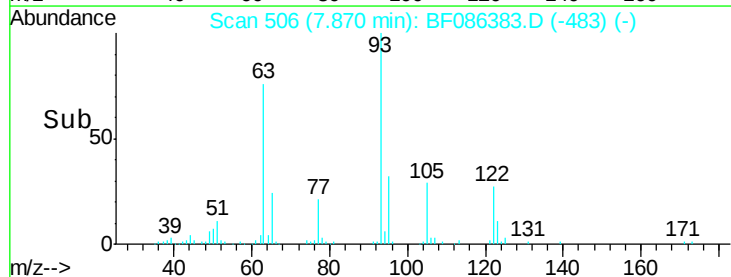
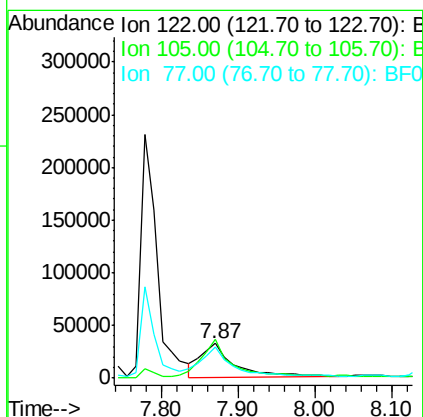
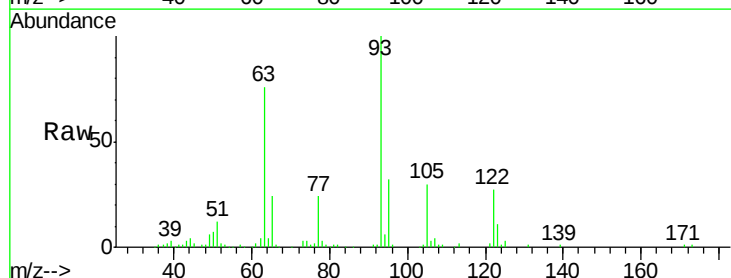
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

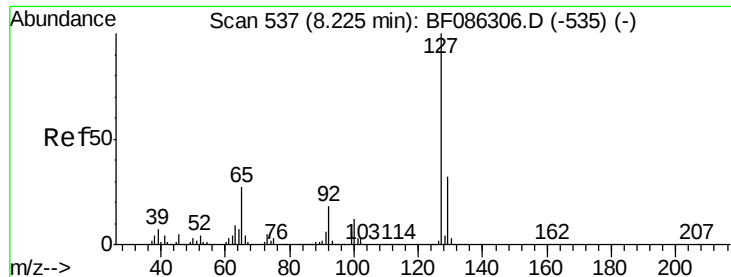
Tgt Ion:128 Resp: 1199912
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 13.77 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion:122 Resp: 95209
Ion Ratio Lower Upper
122 100
105 110.0 92.6 132.6
77 89.6 60.0 100.0

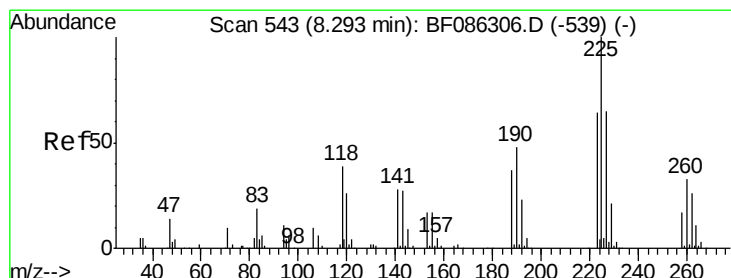
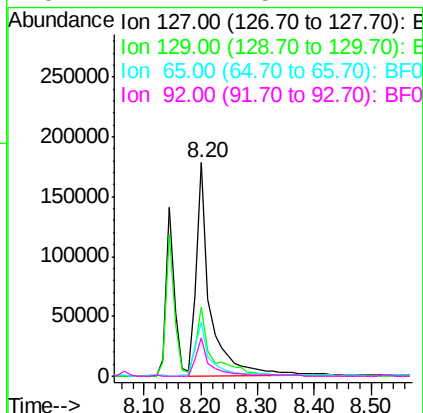
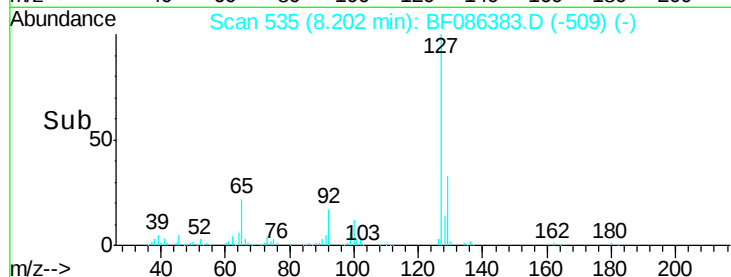
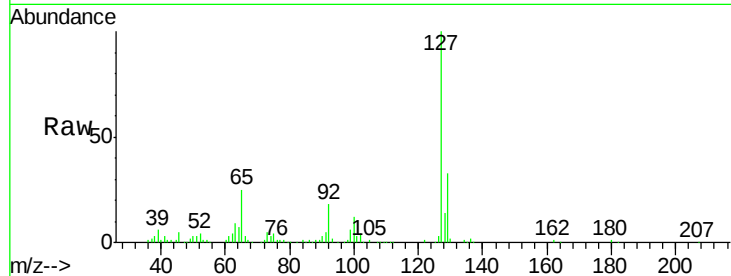




#33
4-Chloroaniline
Concen: 21.31 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

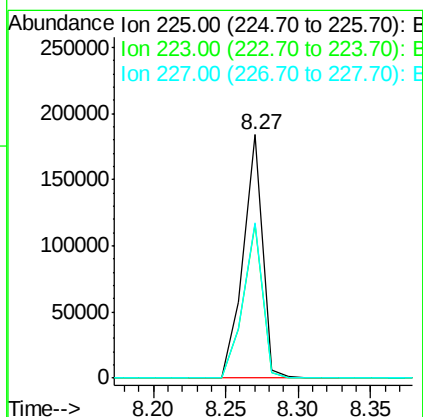
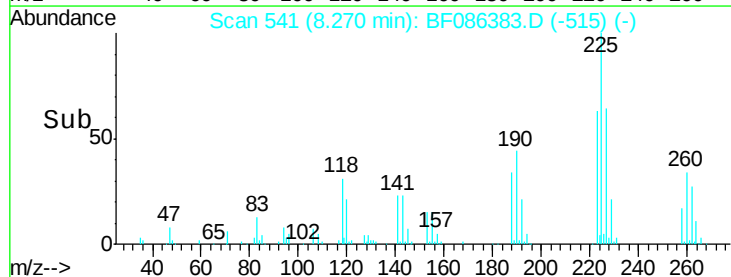
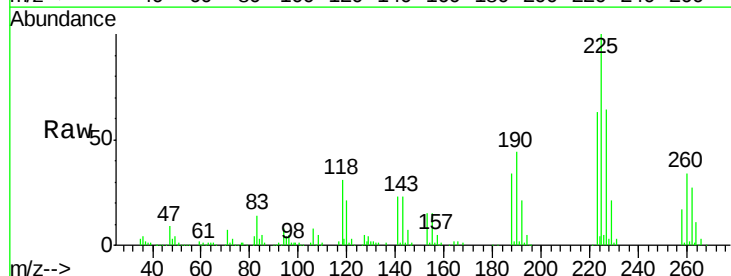
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

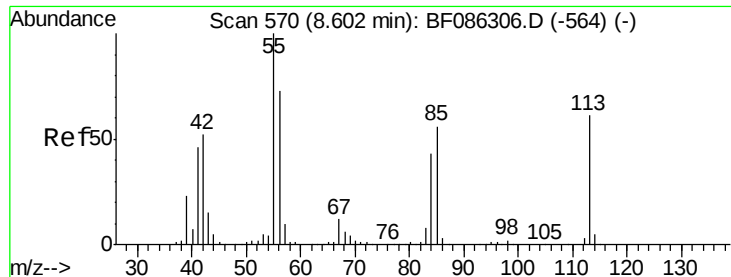
Tgt Ion:	127	Resp:	298457
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	25.1	23.0	34.4
92	17.7	15.1	22.7



#34
Hexachlorobutadiene
Concen: 35.36 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion:	225	Resp:	171460
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.5	77.3
227	64.0	52.2	78.2

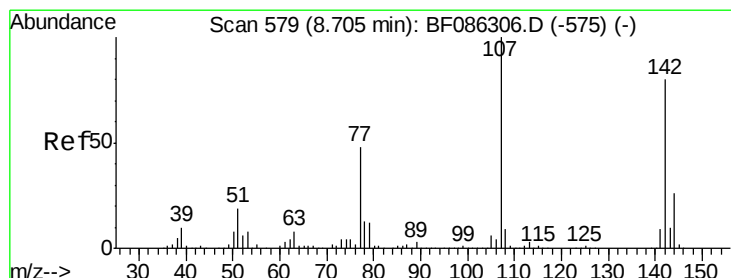
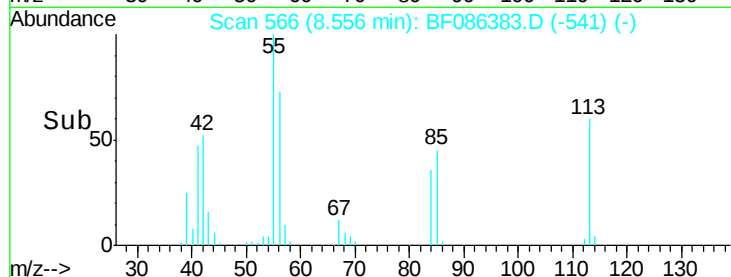
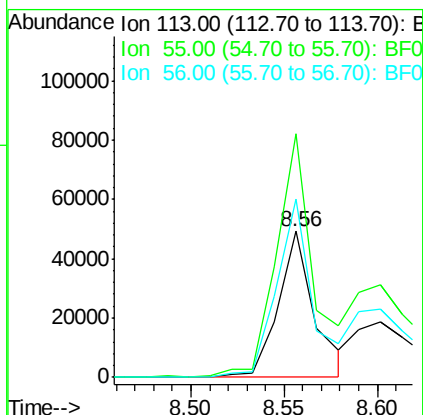
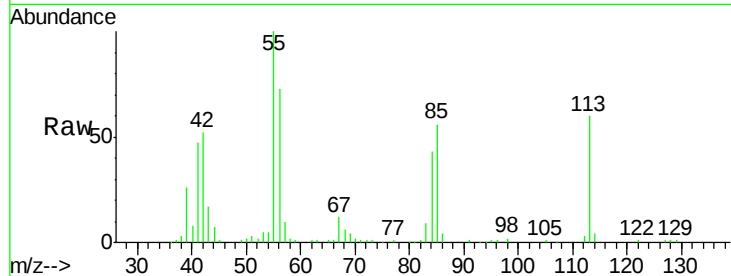




#35
 Caprolactam
 Concen: 20.57 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

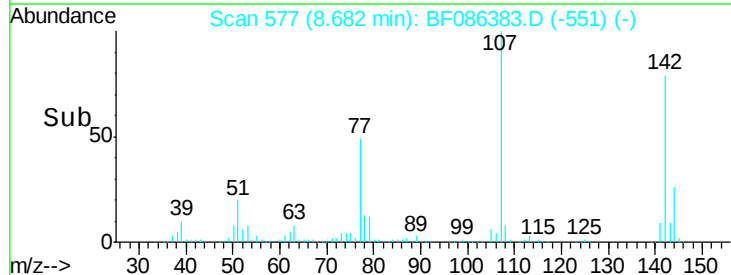
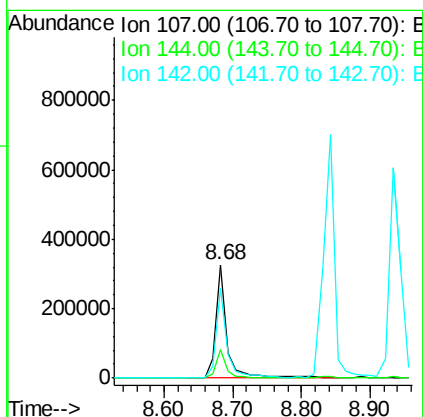
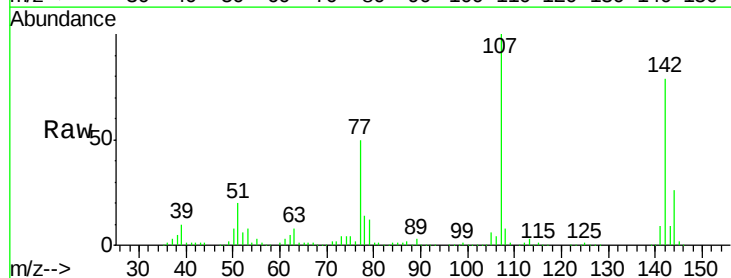
Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

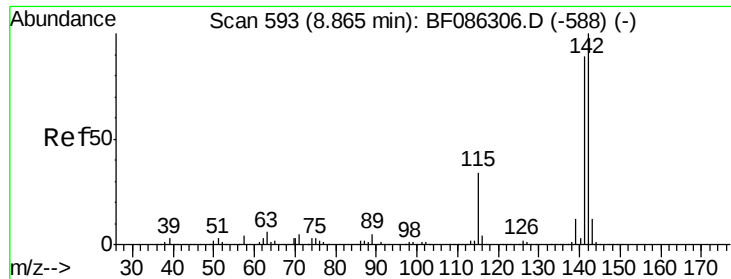
Tgt Ion:113 Resp: 65984
 Ion Ratio Lower Upper
 113 100
 55 166.7 162.0 202.0
 56 121.8 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 35.14 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion:107 Resp: 373318
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.7 31.1
 142 79.4 63.2 94.8

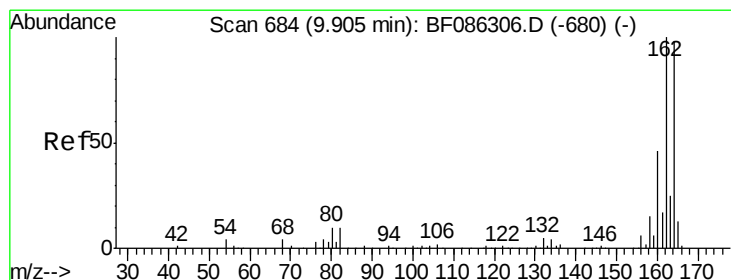
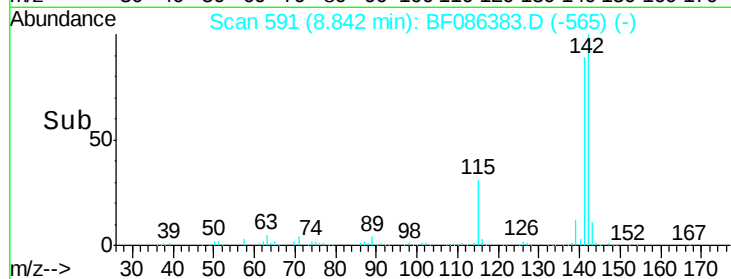
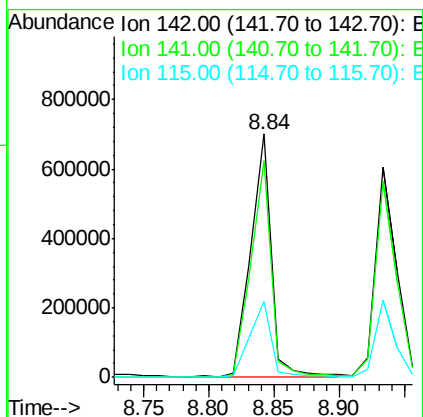
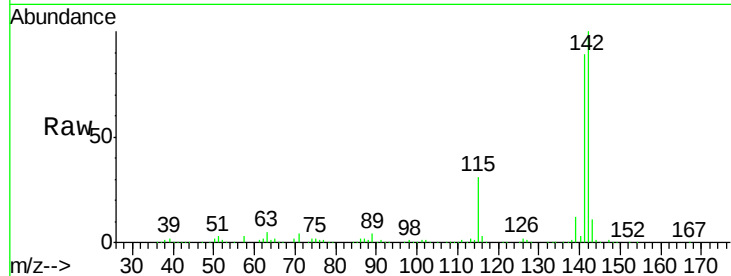




#37
 2-Methylnaphthalene
 Concen: 37.39 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

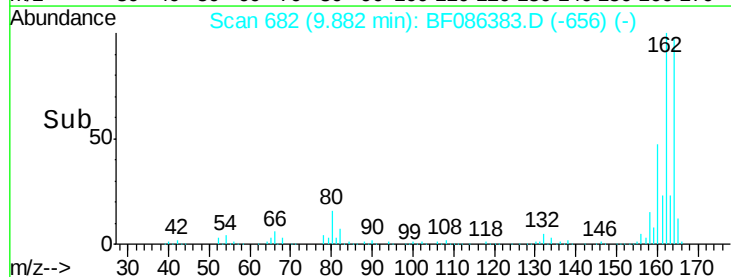
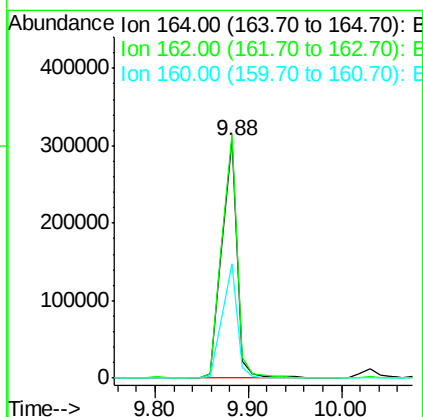
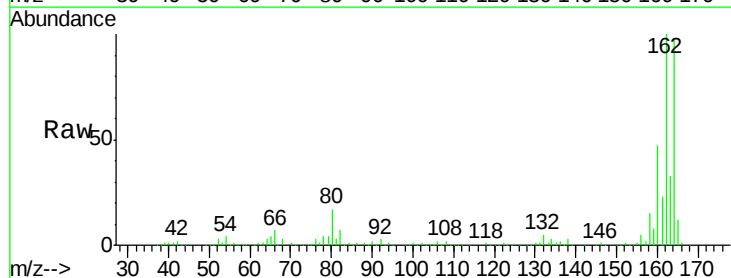
Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

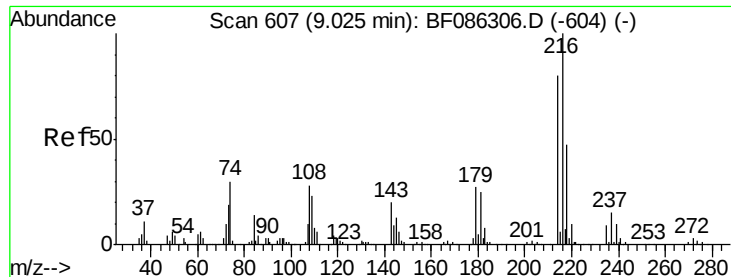
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	31.2	26.6	39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.8	124.2
160	47.8	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.61 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tgt Ion:216 Resp: 294030

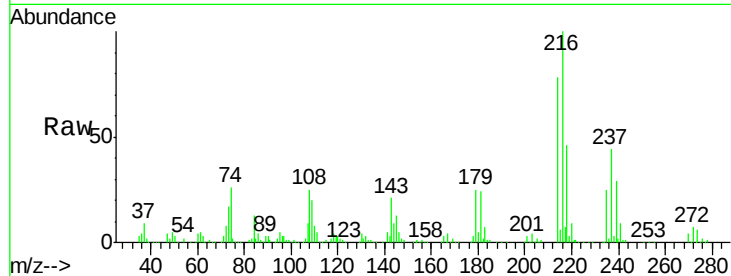
Ion Ratio Lower Upper

216 100

214 77.3 62.6 93.8

179 22.2 18.2 27.4

108 23.5 17.5 26.3

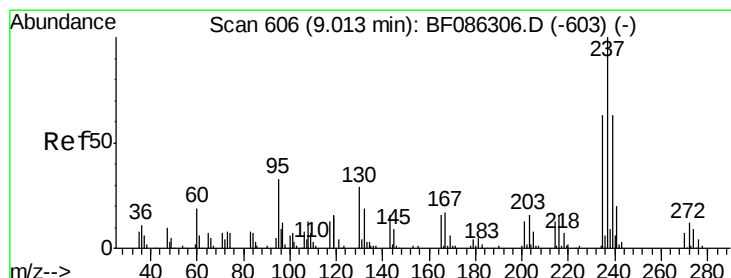
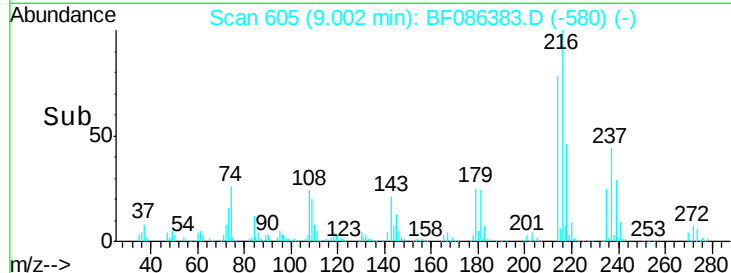
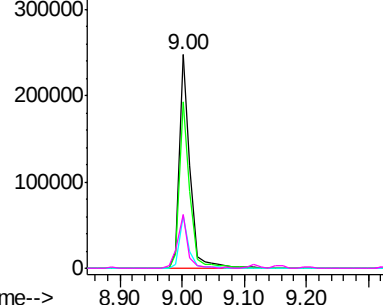


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.13 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

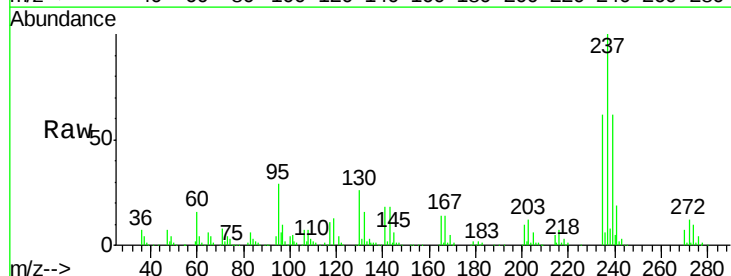
Tgt Ion:237 Resp: 304480

Ion Ratio Lower Upper

237 100

235 61.7 47.2 87.2

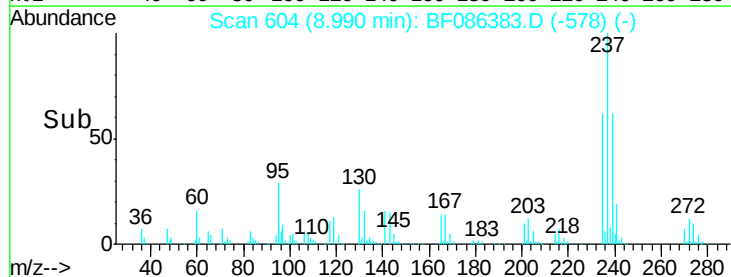
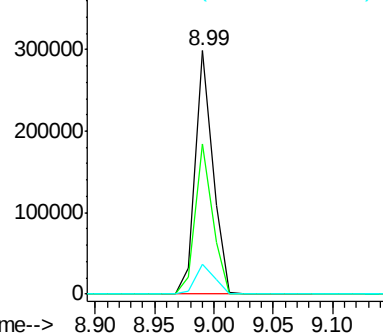
272 12.0 0.0 31.1

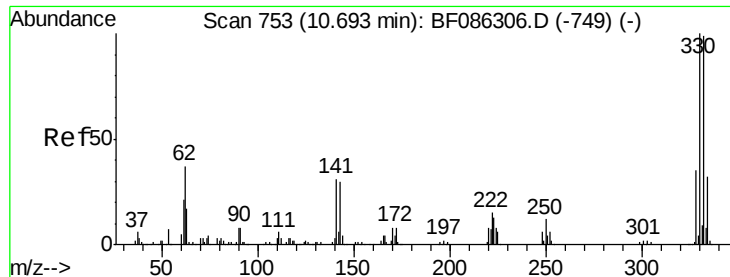


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

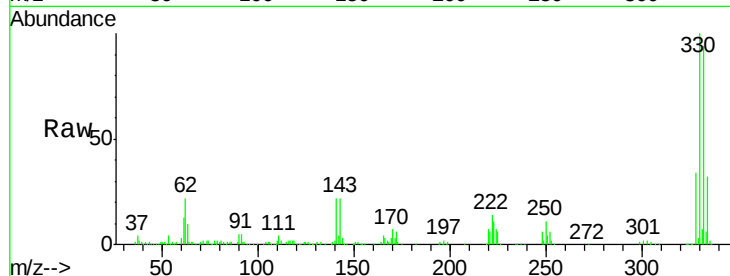




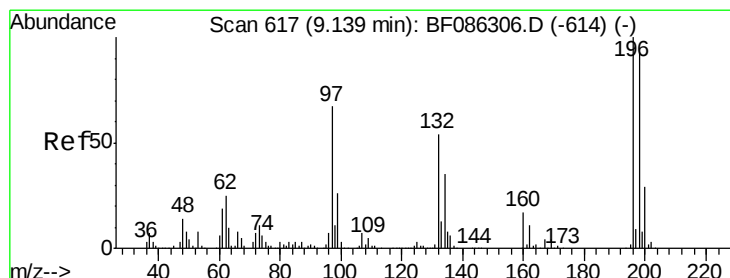
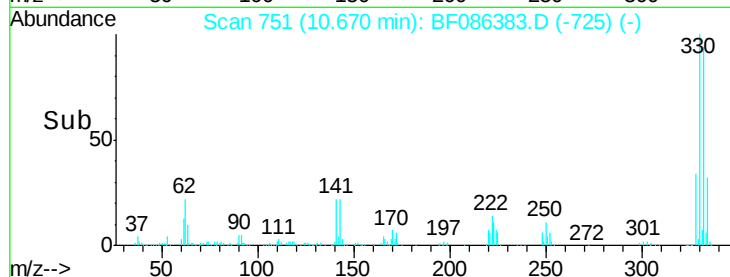
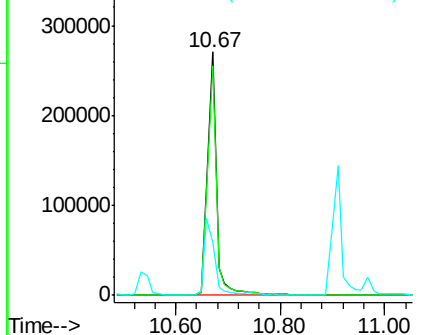
#41
 2,4,6-Tribromophenol
 Concen: 103.87 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tgt Ion:330 Resp: 327714
 Ion Ratio Lower Upper
 330 100
 332 95.1 79.0 118.4
 141 34.7 31.2 46.8

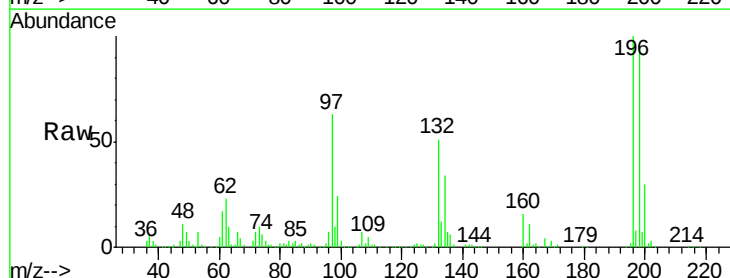


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

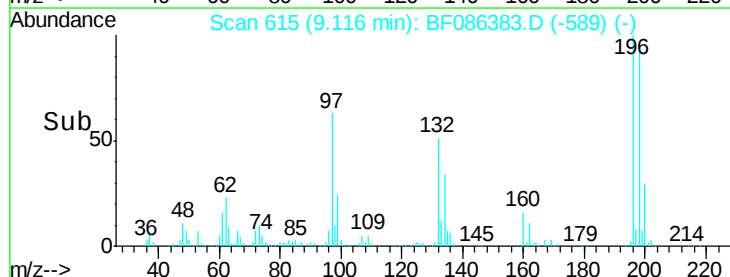
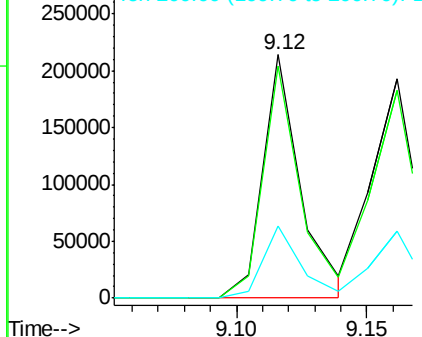


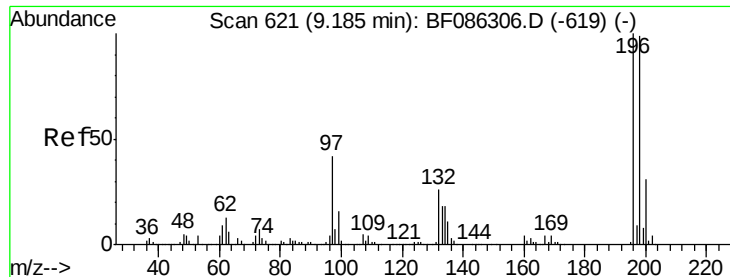
#42
 2,4,6-Trichlorophenol
 Concen: 36.56 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion:196 Resp: 216192
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.7 112.1
 200 29.7 23.8 35.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

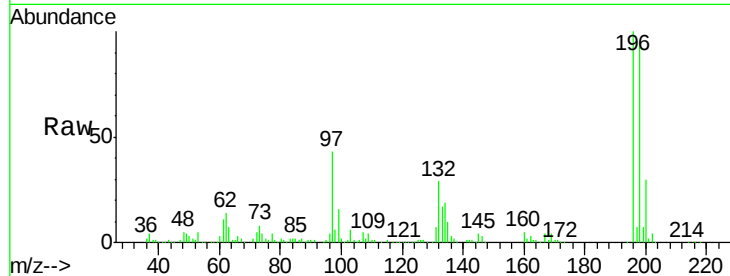




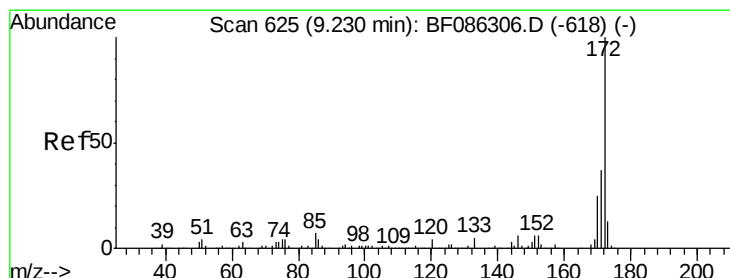
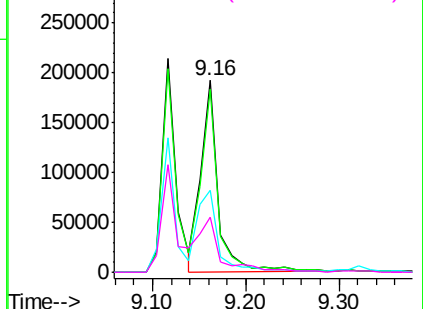
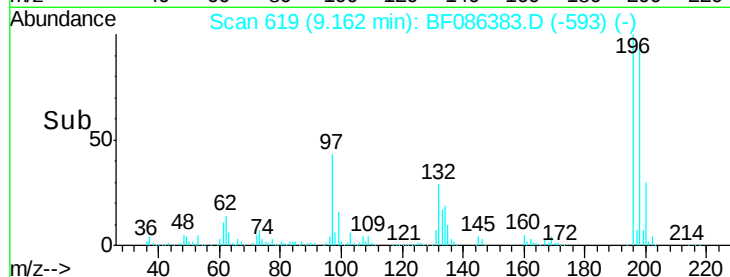
#43
 2,4,5-Trichlorophenol
 Concen: 34.12 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tgt Ion:196 Resp: 248411
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.5 116.3
 97 42.9 34.8 52.2
 132 28.9 23.0 34.4

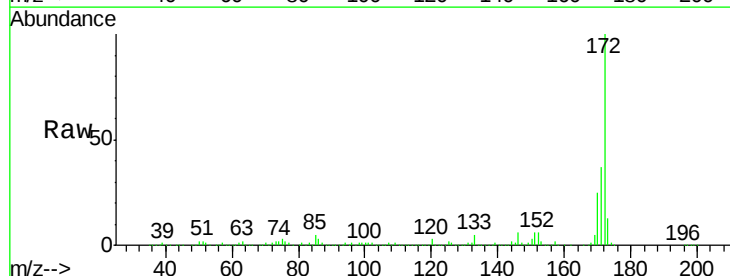


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

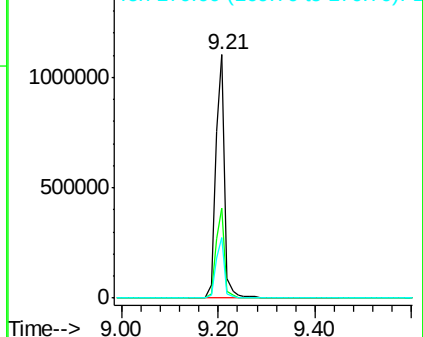
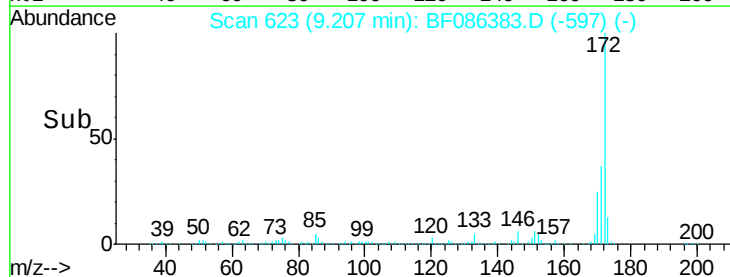


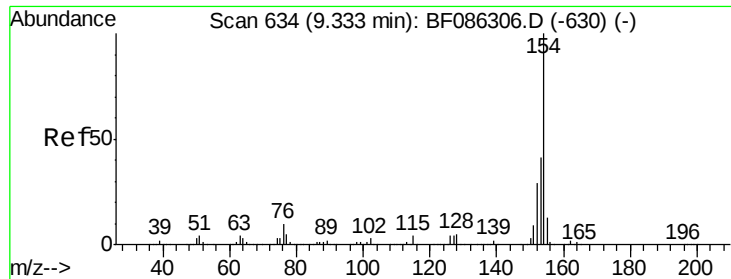
#44
 2-Fluorobiphenyl
 Concen: 70.90 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion:172 Resp: 1448103
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.8 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

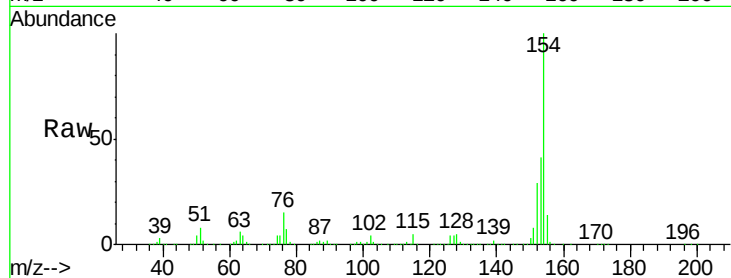




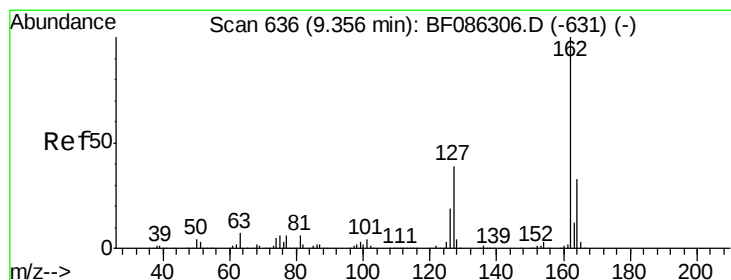
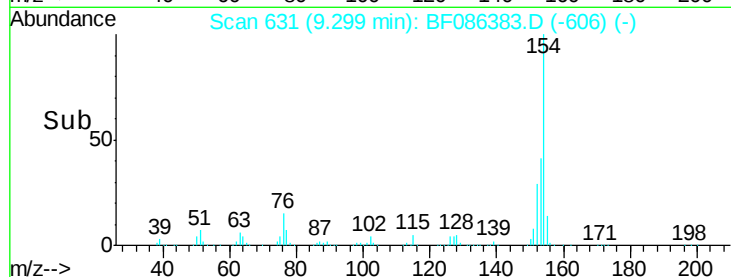
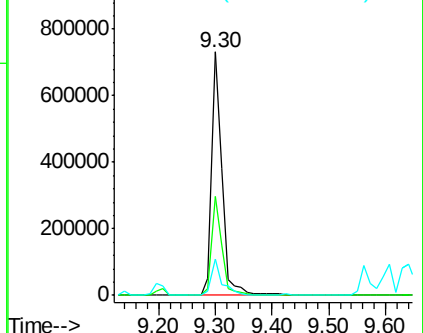
#45
 1,1'-Biphenyl
 Concen: 33.39 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	14.9	0.0	30.2

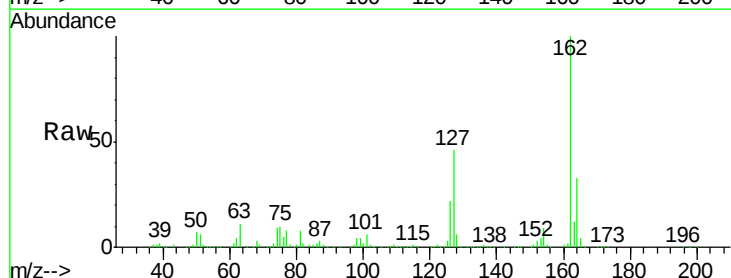


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

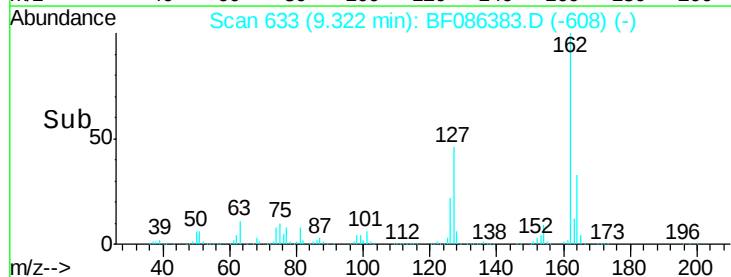
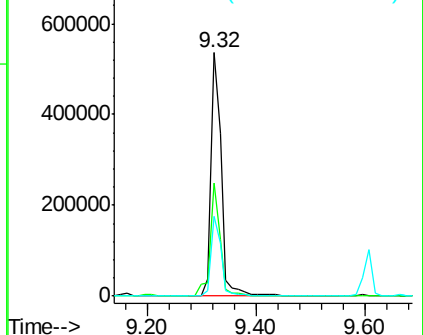


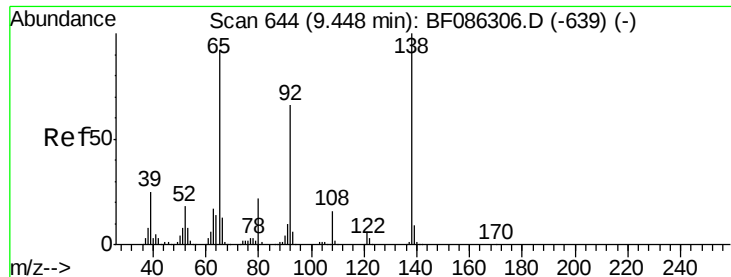
#46
 2-Chloronaphthalene
 Concen: 33.32 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.4	31.8	47.6
164	32.6	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.53 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

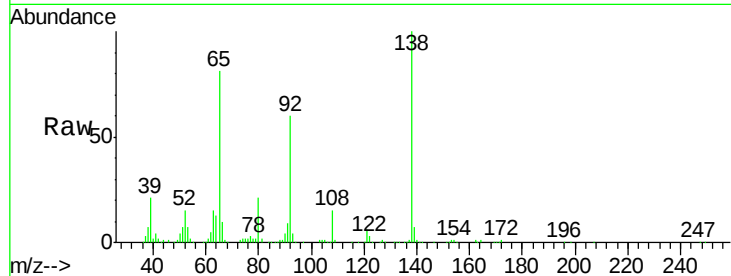
Tgt Ion: 65 Resp: 236787

Ion Ratio Lower Upper

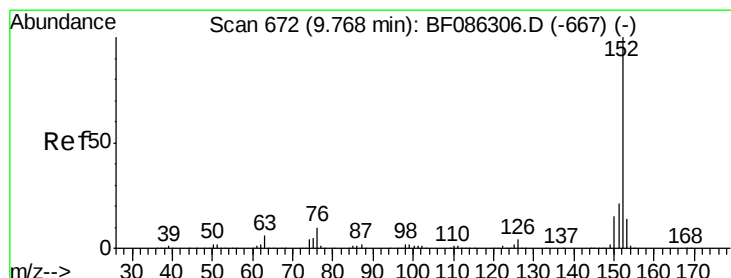
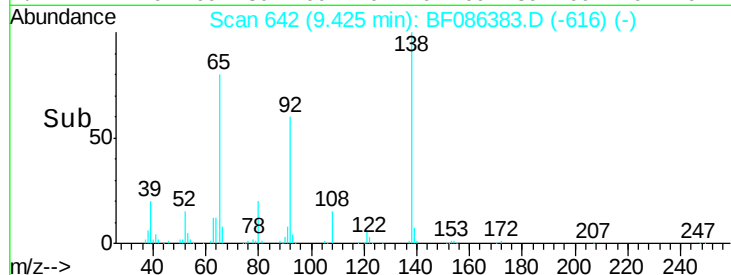
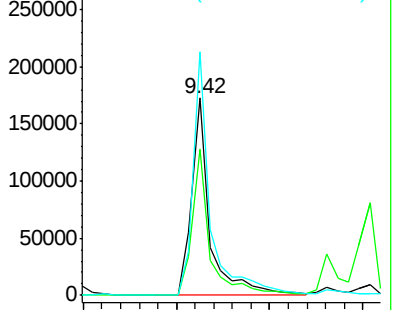
65 100

92 74.1 57.4 86.2

138 123.5 90.1 135.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 33.65 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

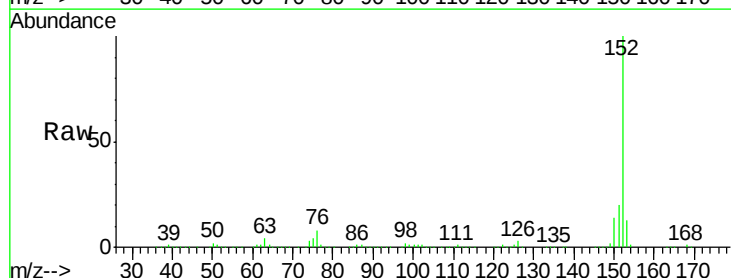
Tgt Ion: 152 Resp: 1167568

Ion Ratio Lower Upper

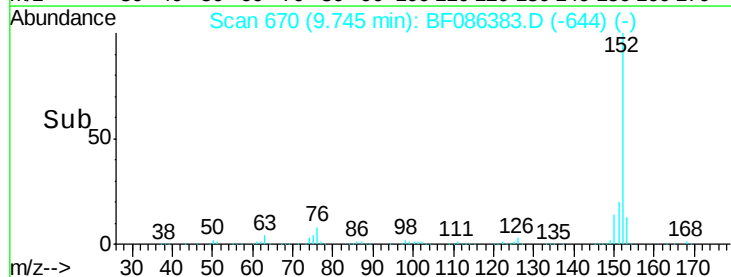
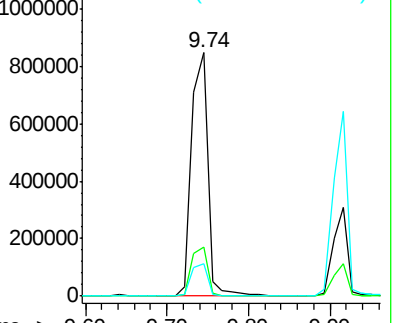
152 100

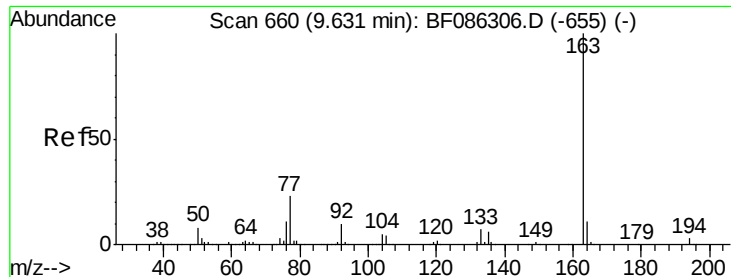
151 20.0 16.8 25.2

153 13.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

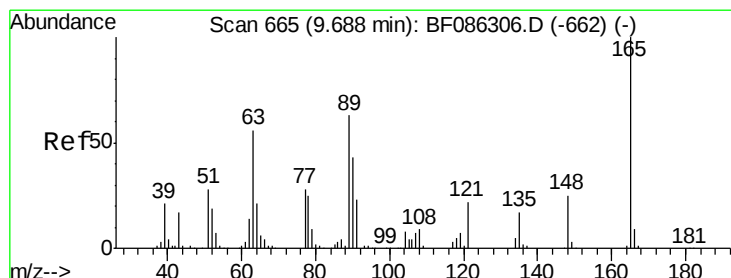
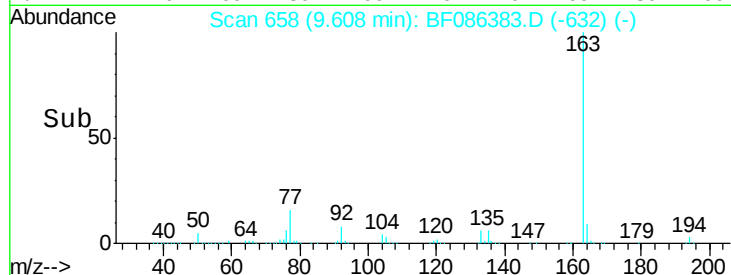
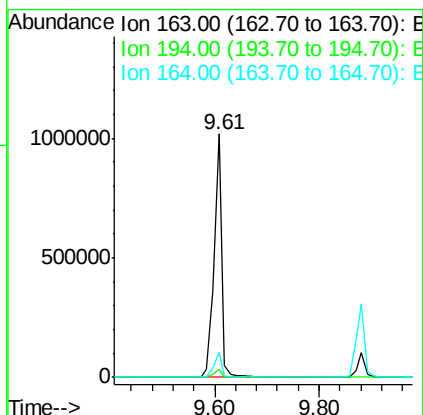
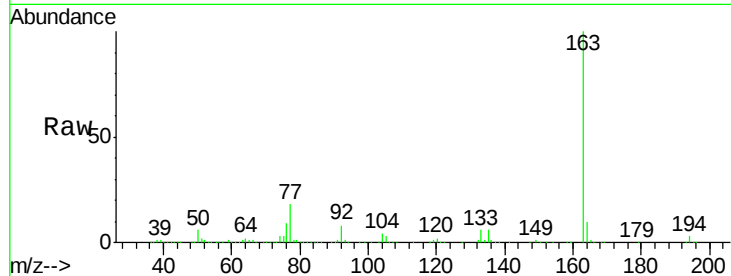




#49
Dimethylphthalate
Concen: 41.51 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

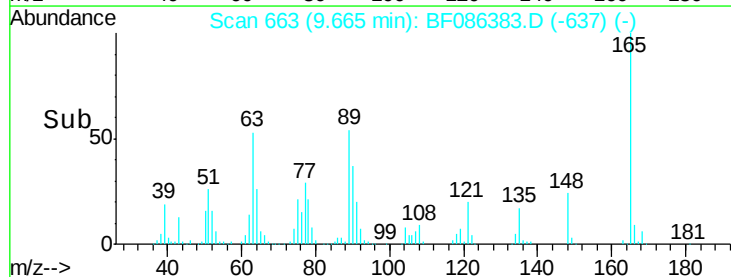
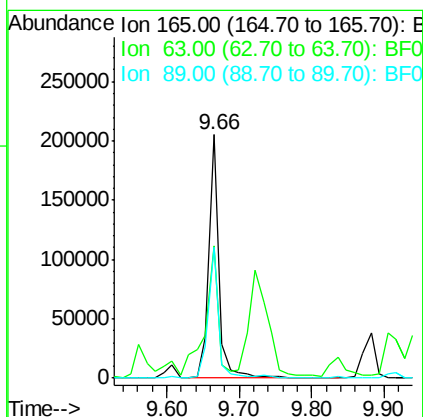
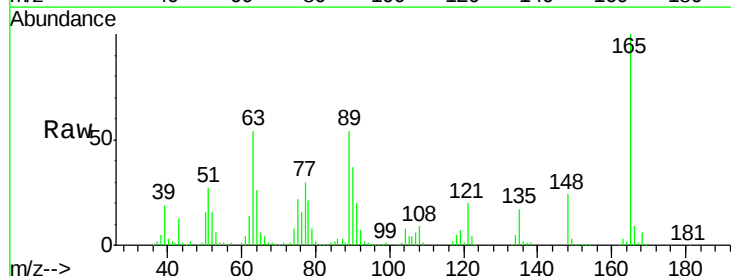
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

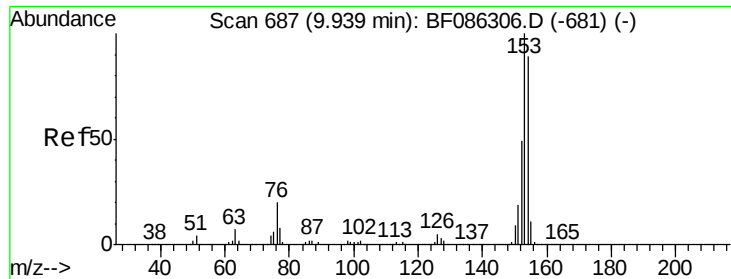
Tgt Ion:163 Resp: 1045200
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 36.78 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion:165 Resp: 200042
Ion Ratio Lower Upper
165 100
63 54.2 51.8 77.8
89 53.8 50.7 76.1





#51

Acenaphthene

Concen: 35.01 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

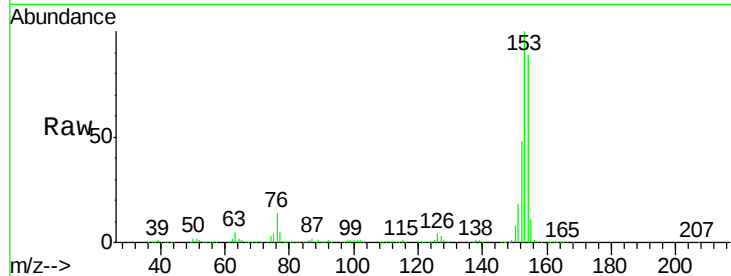
Tgt Ion:154 Resp: 746459

Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.6

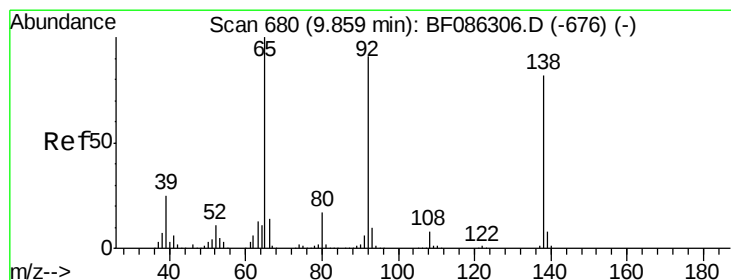
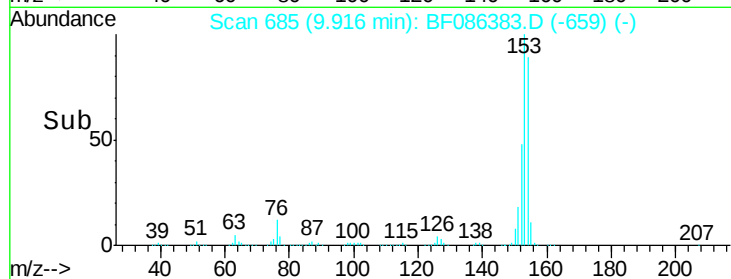
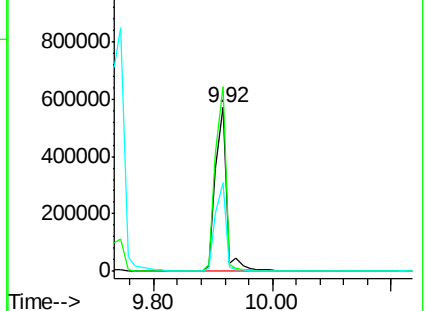
152 54.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.27 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

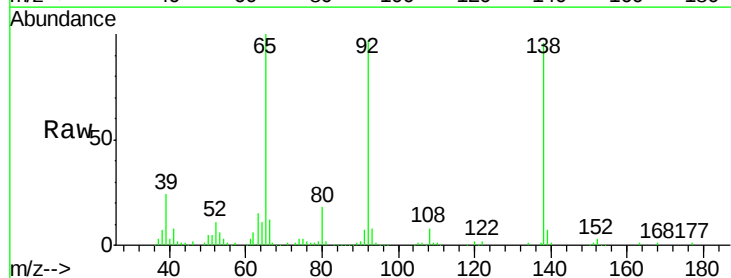
Tgt Ion:138 Resp: 192501

Ion Ratio Lower Upper

138 100

108 8.8 7.8 11.6

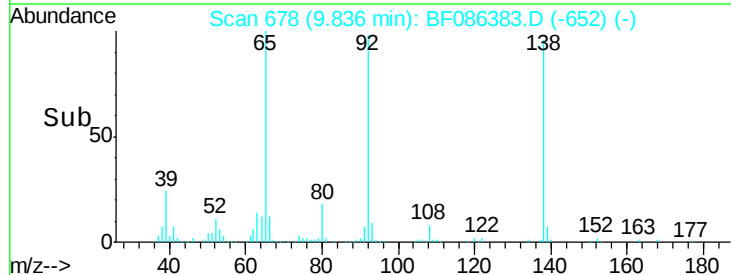
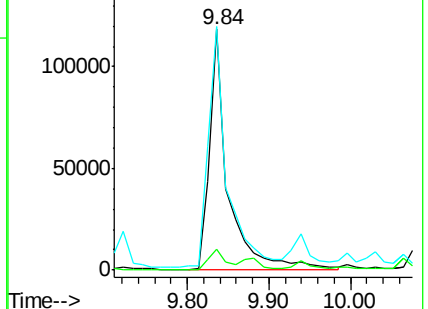
92 101.0 87.8 131.8

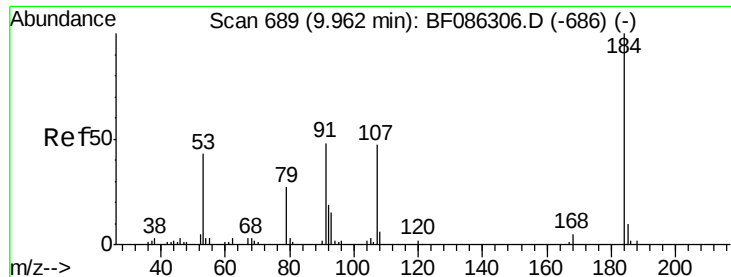


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

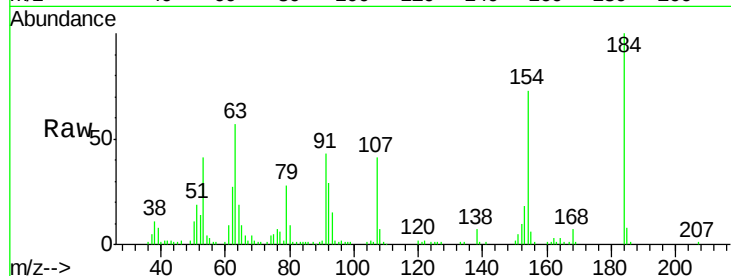




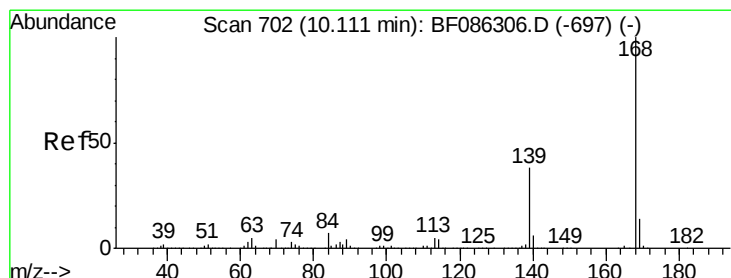
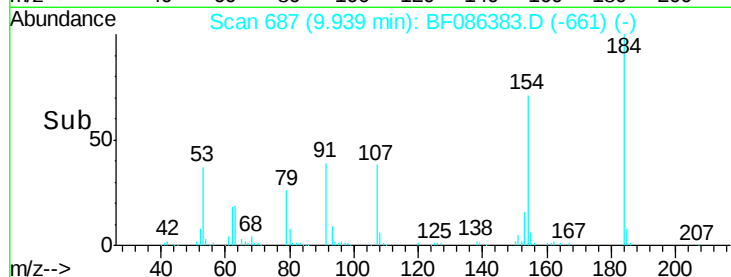
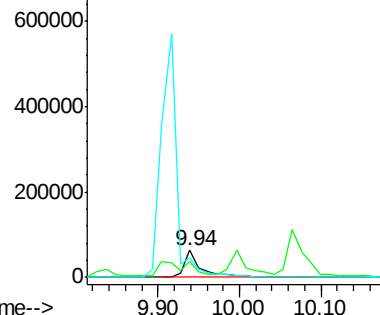
#53
2,4-Dinitrophenol
Concen: 33.78 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tgt Ion:184 Resp: 95508
Ion Ratio Lower Upper
184 100
63 56.8 55.8 83.8
154 72.8 62.4 93.6

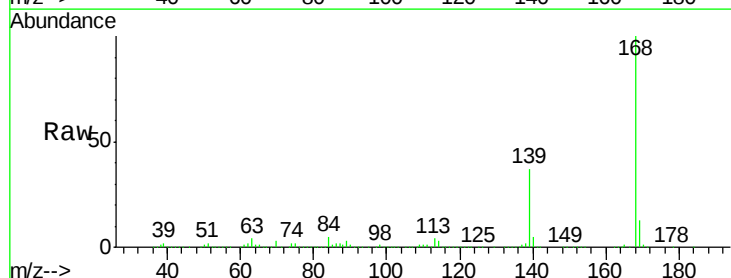


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

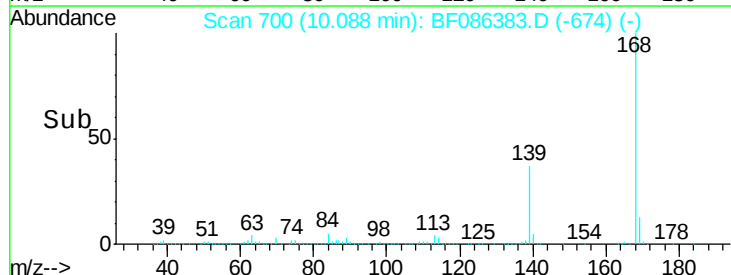
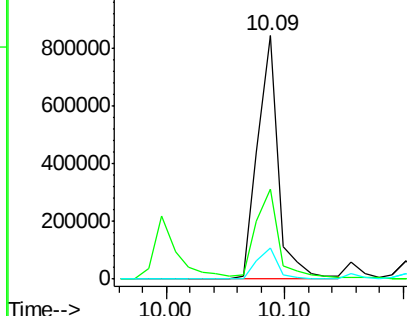


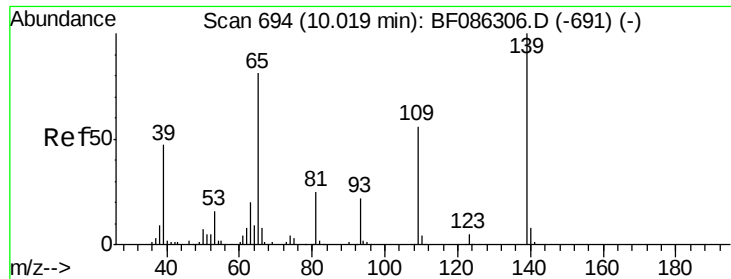
#54
Dibenzofuran
Concen: 37.72 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion:168 Resp: 1032617
Ion Ratio Lower Upper
168 100
139 36.8 31.4 47.0
169 13.0 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

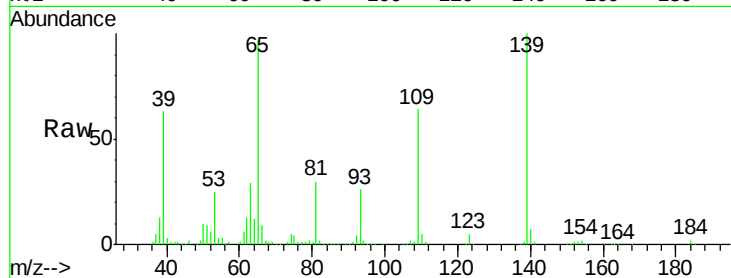




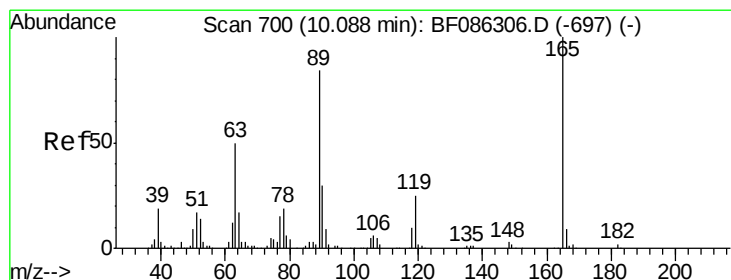
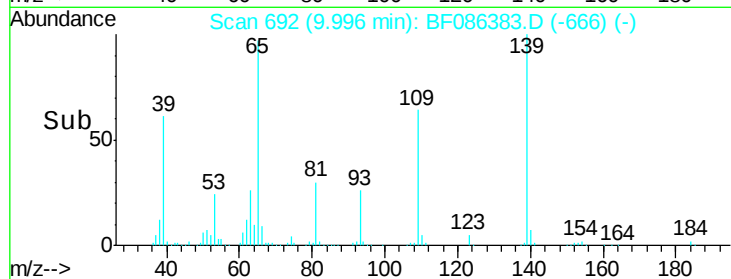
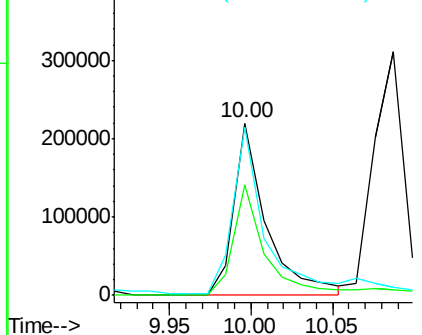
#55
4-Nitrophenol
Concen: 64.46 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tgt Ion:139 Resp: 307147
Ion Ratio Lower Upper
139 100
109 63.9 36.9 76.9
65 97.4 64.0 104.0

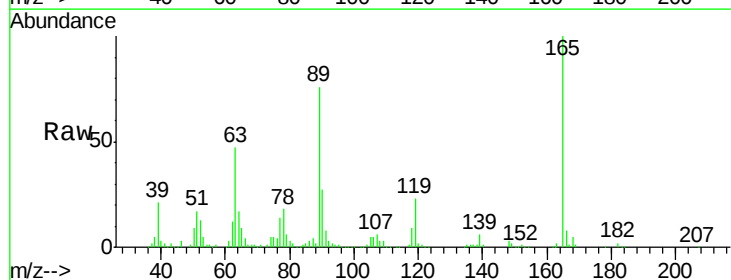


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

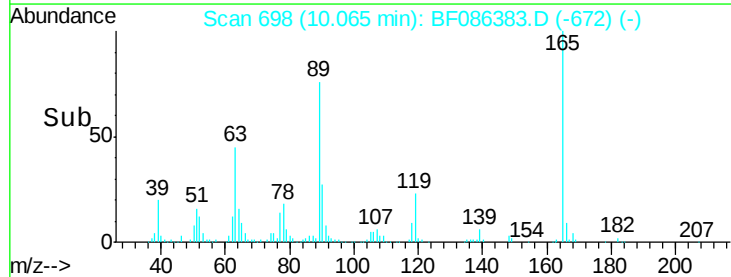
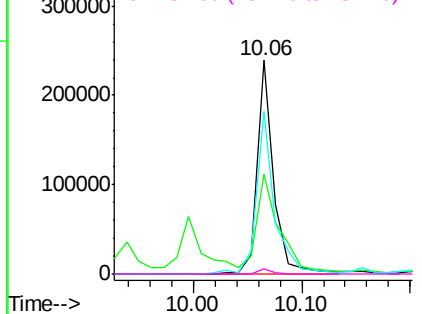


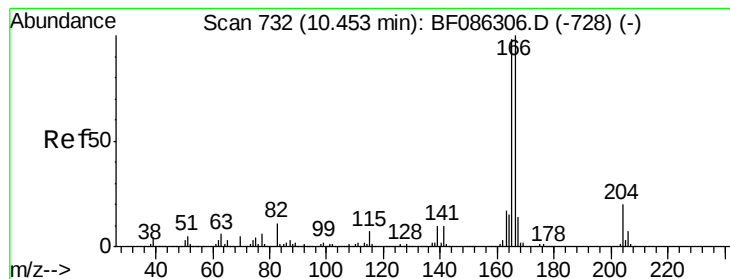
#56
2,4-Dinitrotoluene
Concen: 35.05 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion:165 Resp: 253134
Ion Ratio Lower Upper
165 100
63 46.6 44.3 66.5
89 76.0 70.0 105.0
182 2.4 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.36 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

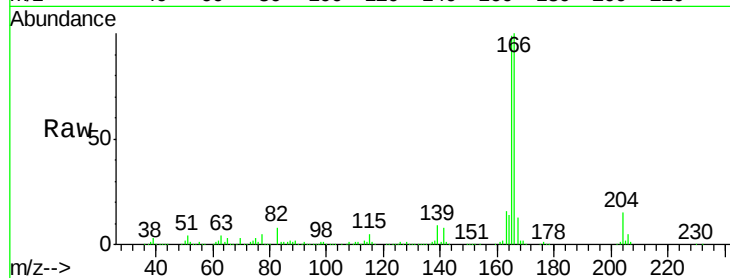
Tgt Ion:166 Resp: 748366

Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.6

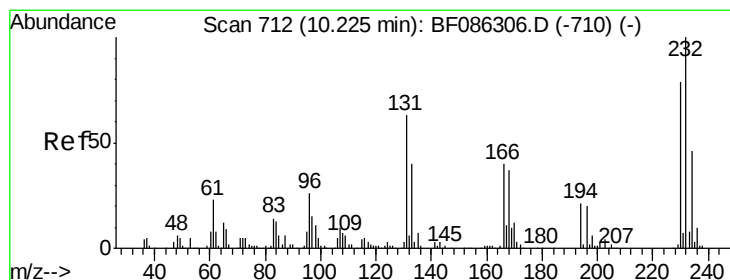
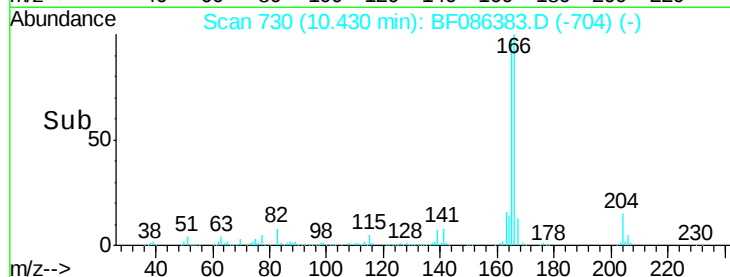
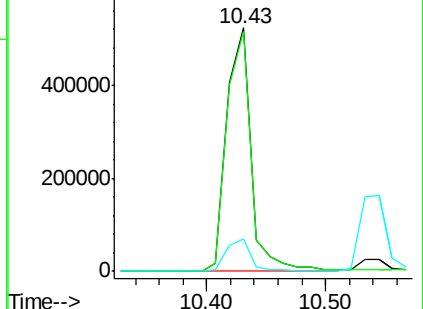
167 13.2 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.06 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:232 Resp: 202511

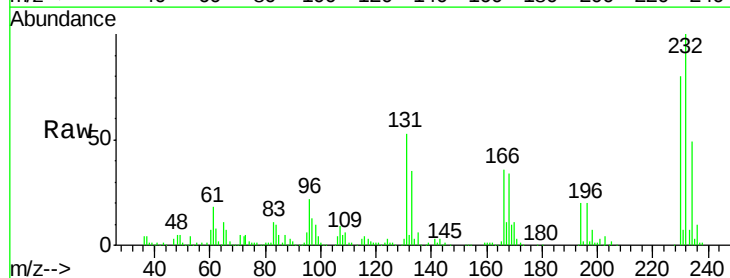
Ion Ratio Lower Upper

232 100

131 52.5 41.9 62.9

130 2.7 2.2 3.4

166 32.5 26.8 40.2

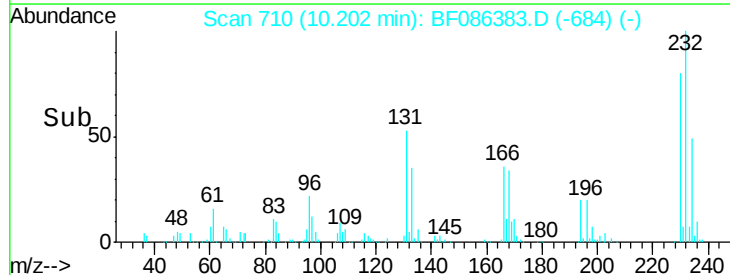
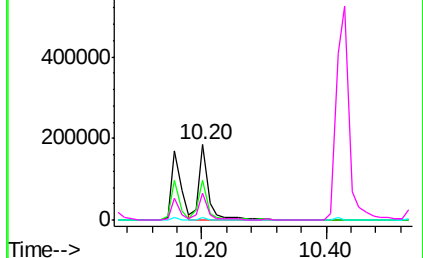


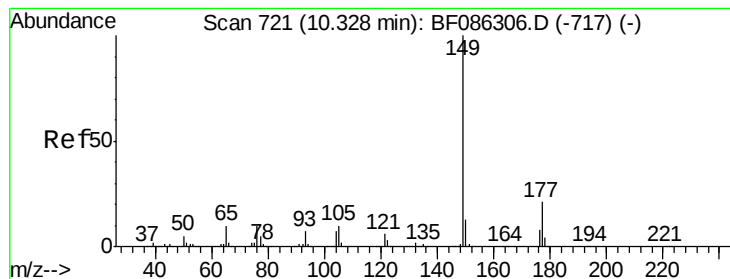
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.67 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

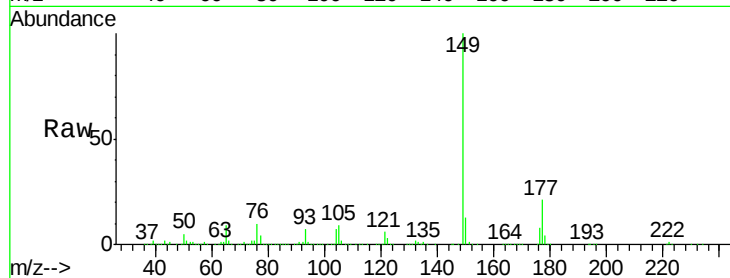
Tgt Ion:149 Resp: 835890

Ion Ratio Lower Upper

149 100

177 21.2 16.6 24.8

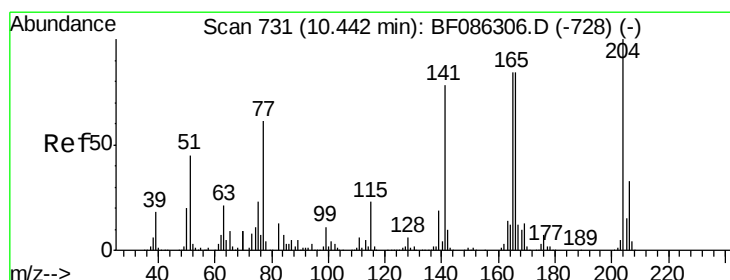
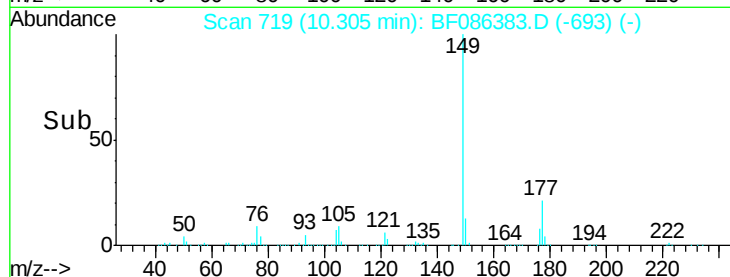
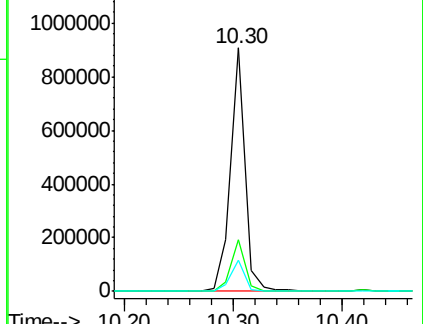
150 12.7 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.19 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

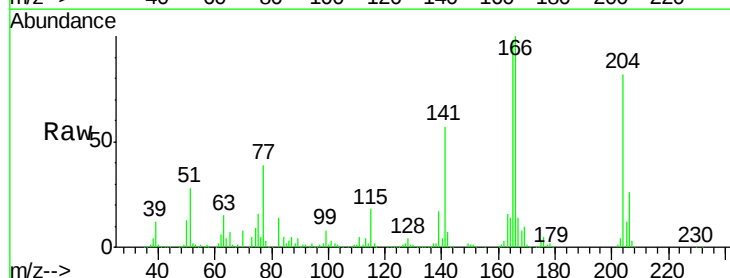
Tgt Ion:204 Resp: 335424

Ion Ratio Lower Upper

204 100

206 32.0 25.4 38.0

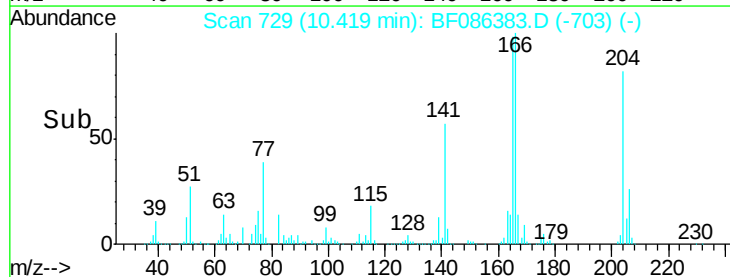
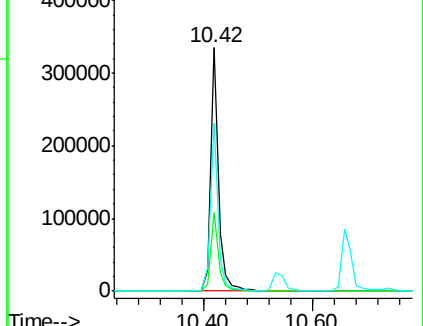
141 69.1 61.6 92.4

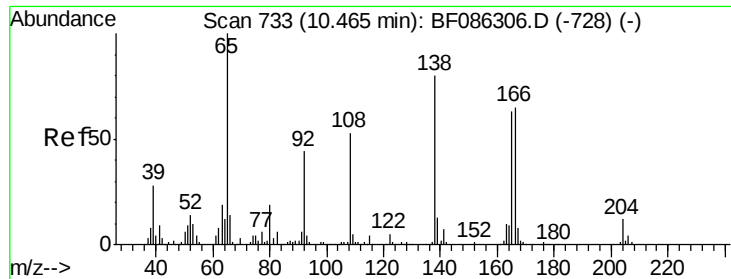


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

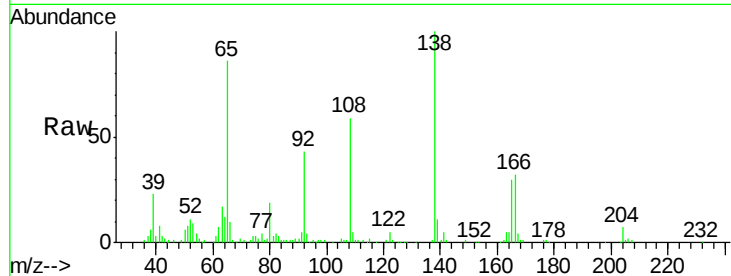




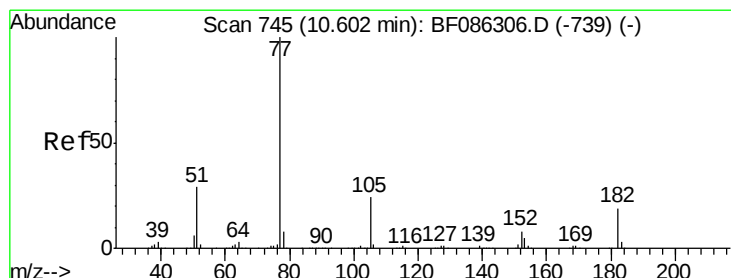
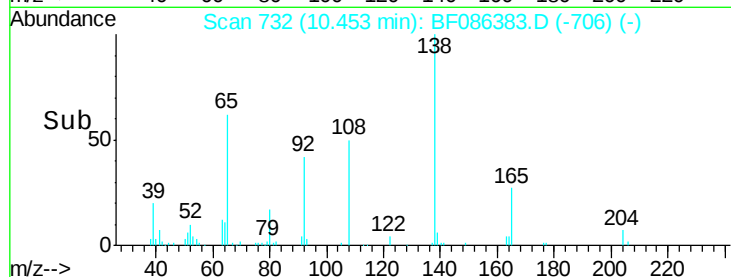
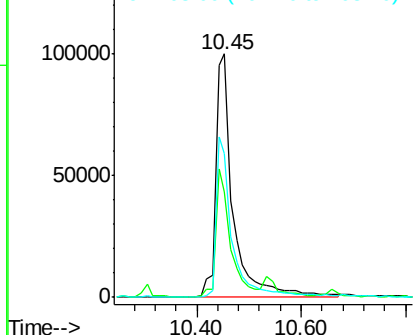
#61
4-Nitroaniline
Concen: 33.48 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tgt Ion: 138 Resp: 233330
Ion Ratio Lower Upper
138 100
92 43.0 24.7 64.7
108 59.0 37.4 77.4

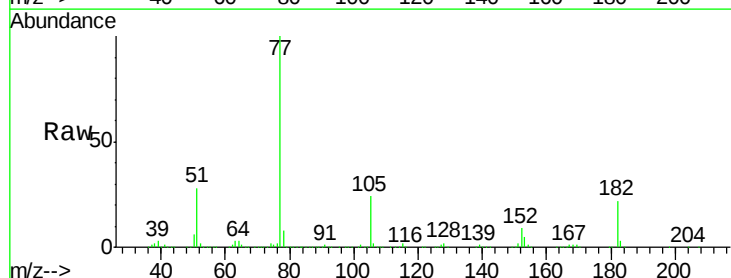


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

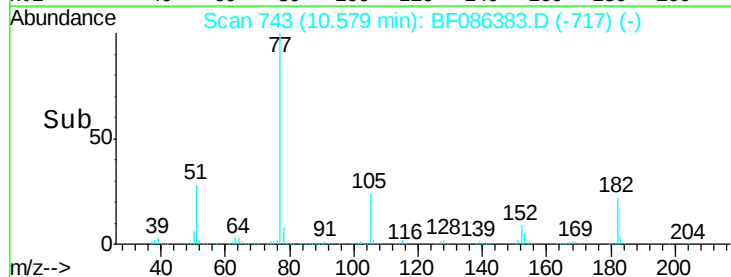
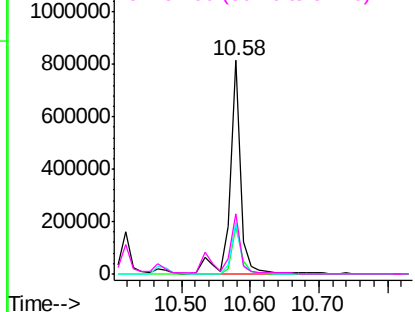


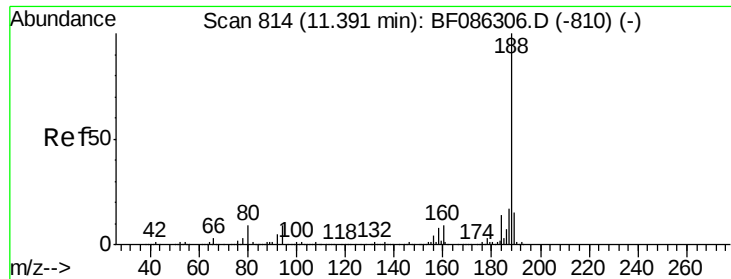
#62
Azobenzene
Concen: 35.71 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion: 77 Resp: 892932
Ion Ratio Lower Upper
77 100
182 22.4 0.0 38.8
105 24.2 3.2 43.2
51 28.2 8.8 48.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

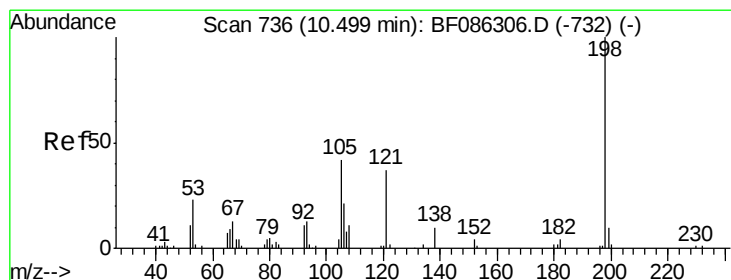
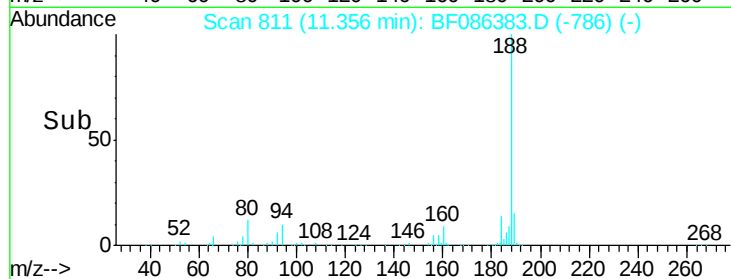
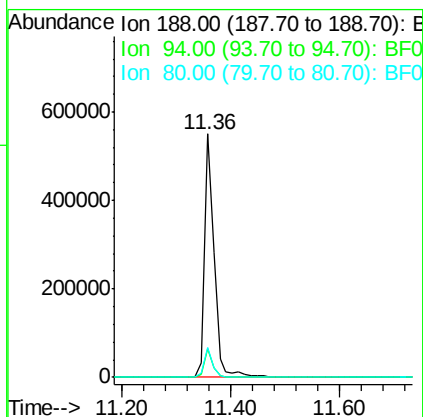
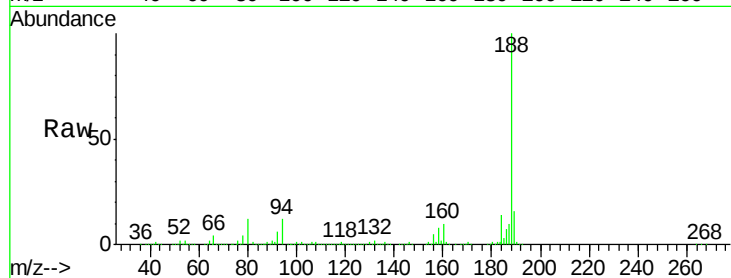




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

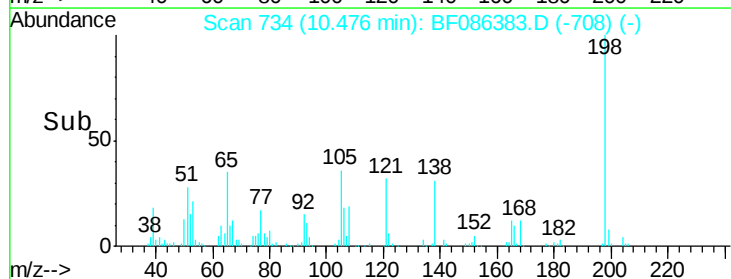
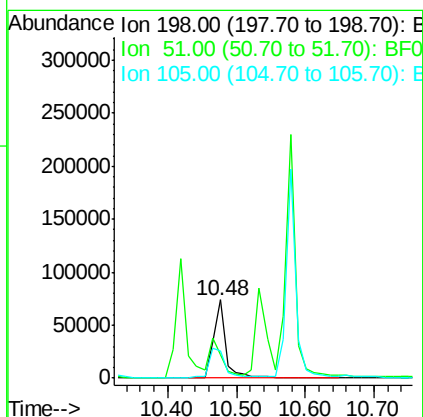
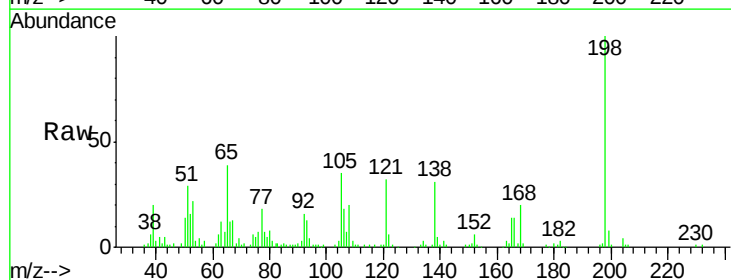
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

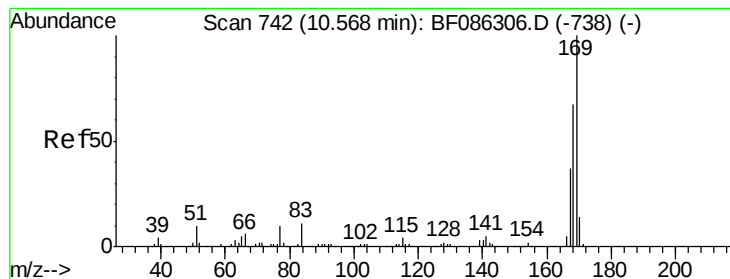
Tgt Ion:188 Resp: 666779
Ion Ratio Lower Upper
188 100
94 11.8 6.8 10.2#
80 12.5 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 23.07 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion:198 Resp: 94016
Ion Ratio Lower Upper
198 100
51 29.5 20.5 60.5
105 35.2 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 33.36 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

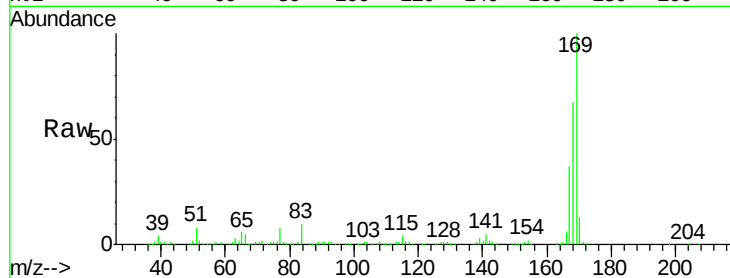
Tgt Ion:169 Resp: 685946

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

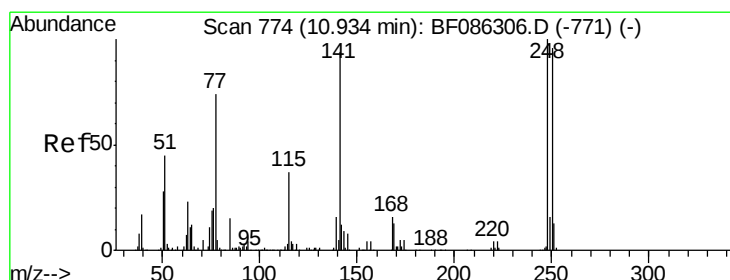
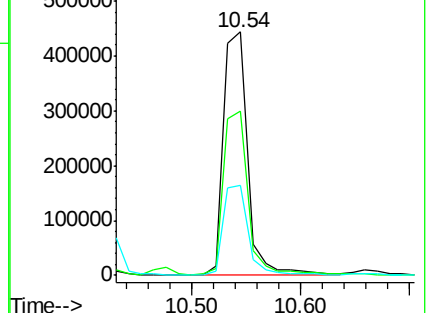
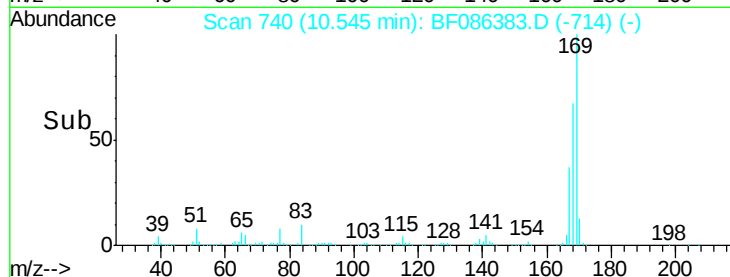
167 37.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.47 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

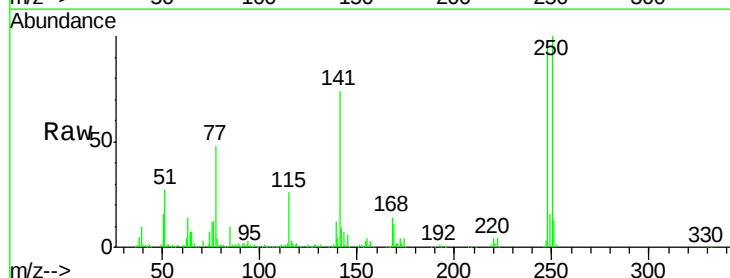
Tgt Ion:248 Resp: 218541

Ion Ratio Lower Upper

248 100

250 102.4 78.6 117.8

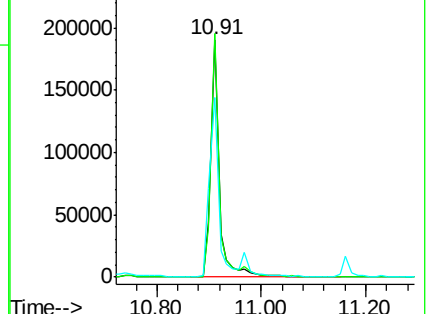
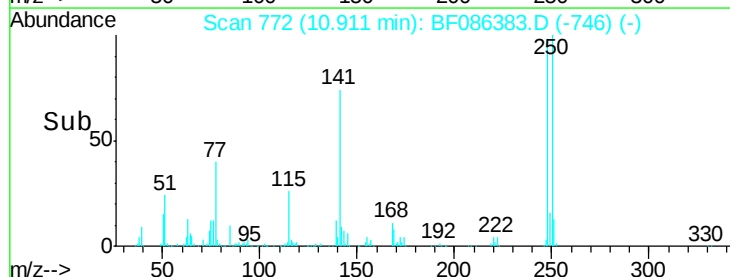
141 75.7 76.0 114.0#

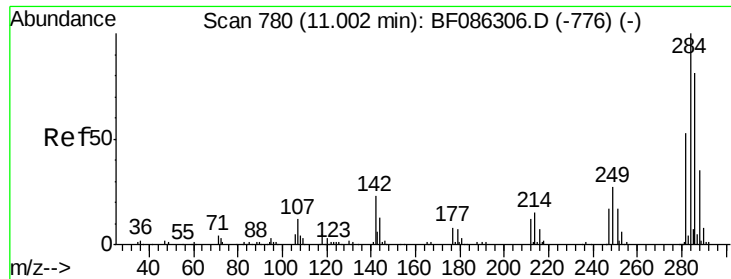


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

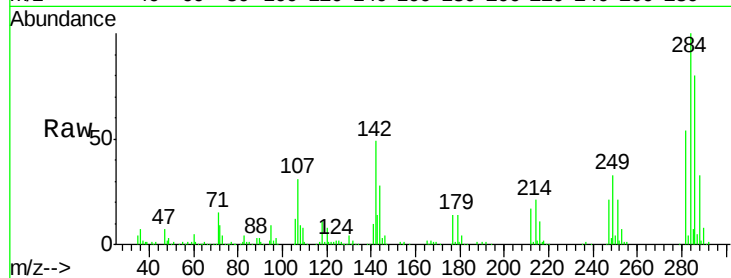




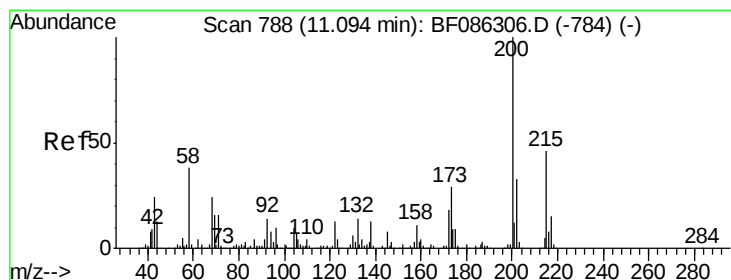
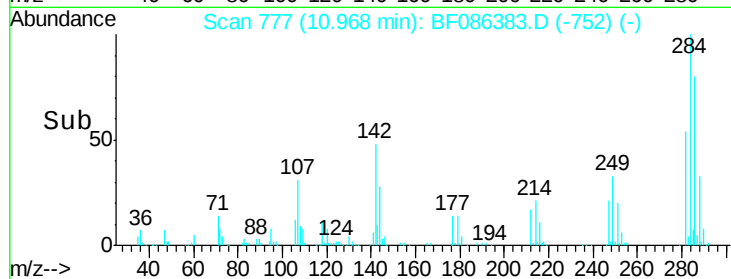
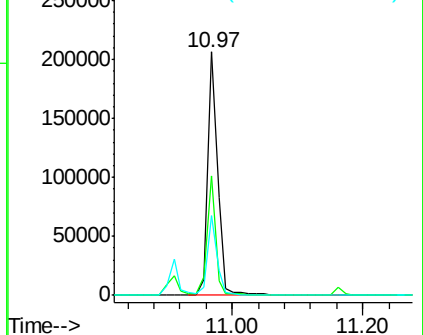
#67
Hexachlorobenzene
Concen: 31.74 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tgt Ion:284 Resp: 221091
Ion Ratio Lower Upper
284 100
142 48.9 16.7 25.1#
249 32.9 21.3 31.9#

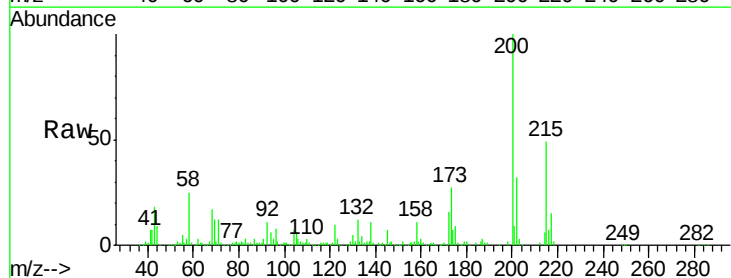


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

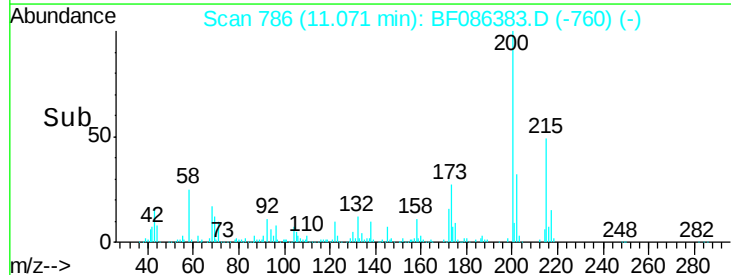
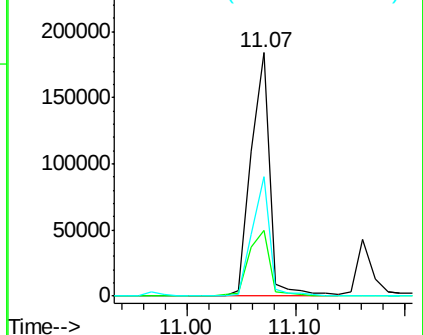


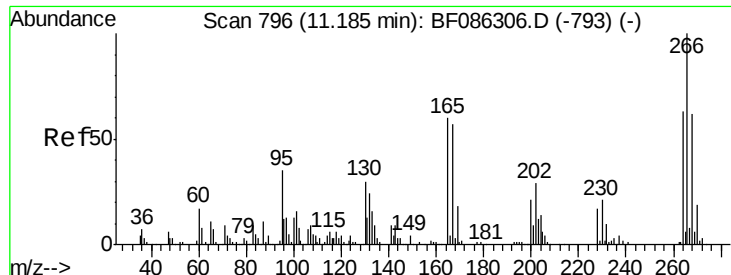
#68
Atrazine
Concen: 34.93 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion:200 Resp: 221740
Ion Ratio Lower Upper
200 100
173 26.7 8.5 48.5
215 48.9 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

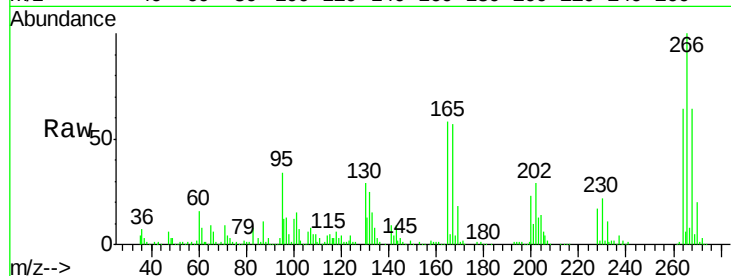




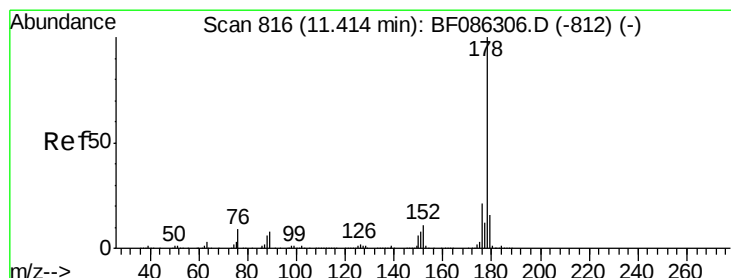
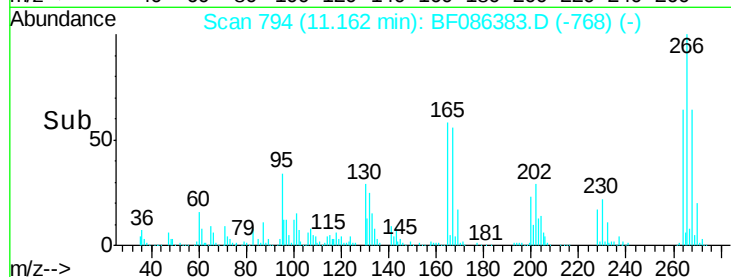
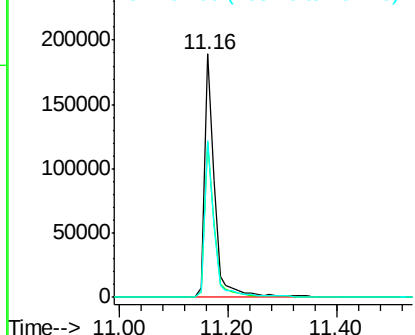
#69
 Pentachlorophenol
 Concen: 58.46 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tgt Ion: 266 Resp: 239142
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.5 77.3
 264 64.4 52.9 79.3

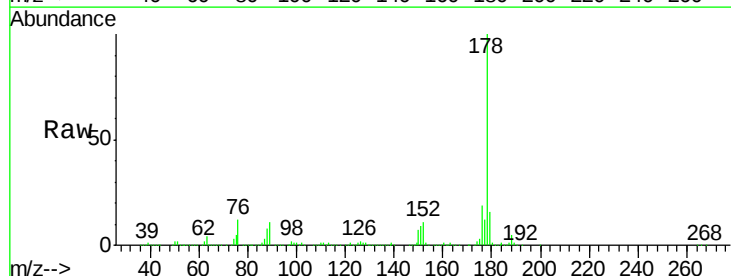


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

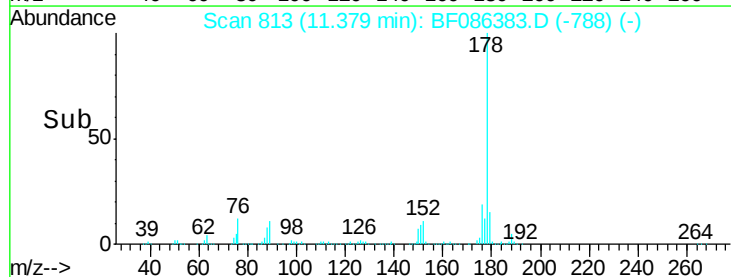
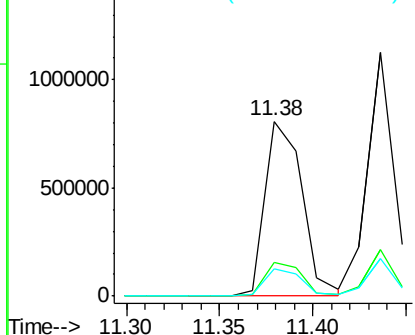


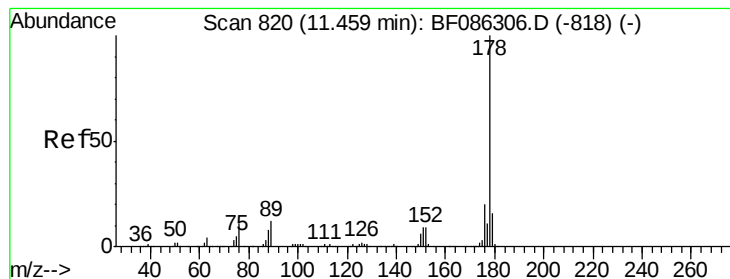
#70
 Phenanthrene
 Concen: 33.23 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion: 178 Resp: 1113359
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 32.74 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

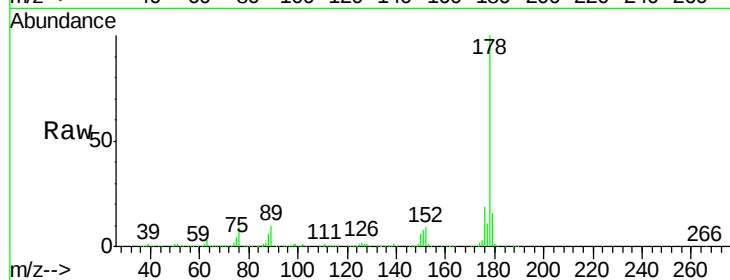
Tgt Ion:178 Resp: 1256744

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

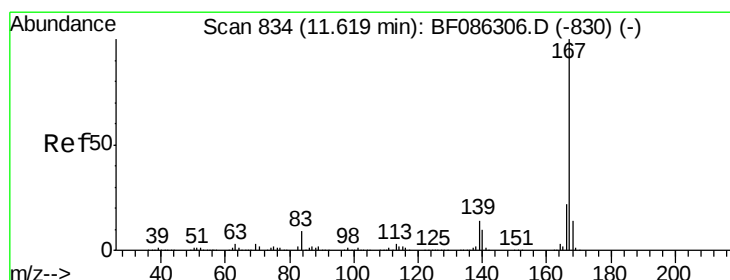
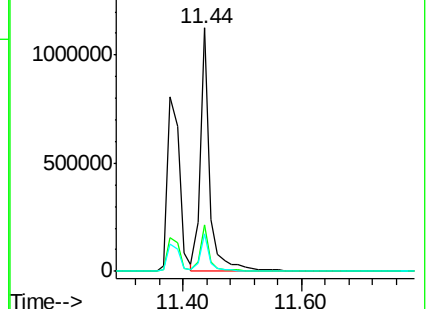
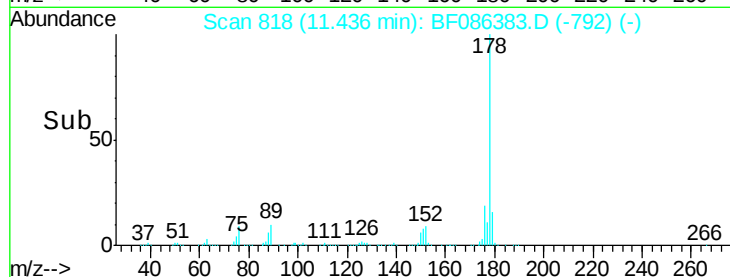
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.67 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

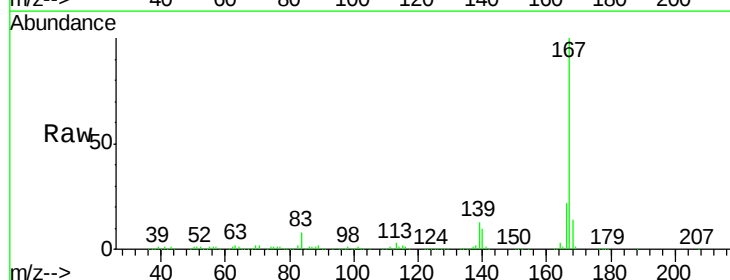
Tgt Ion:167 Resp: 1213845

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

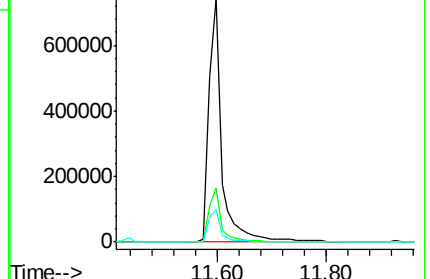
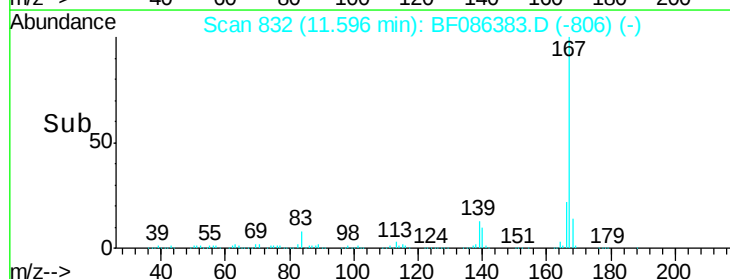
139 13.1 10.8 16.2

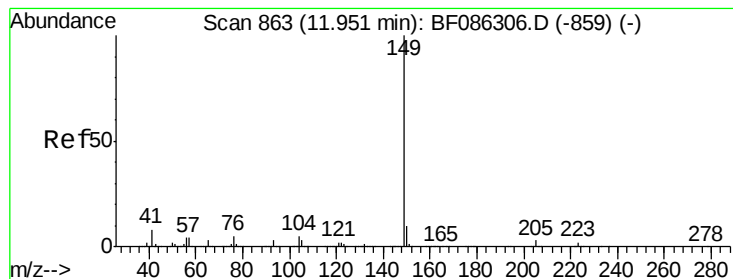


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

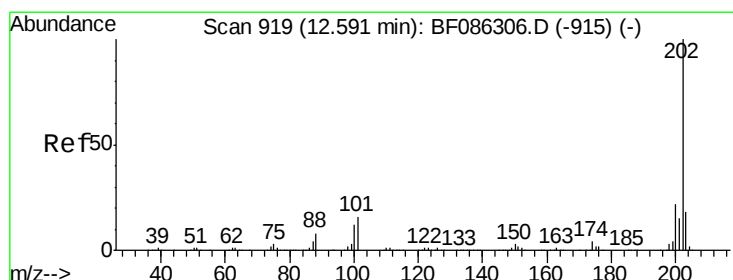
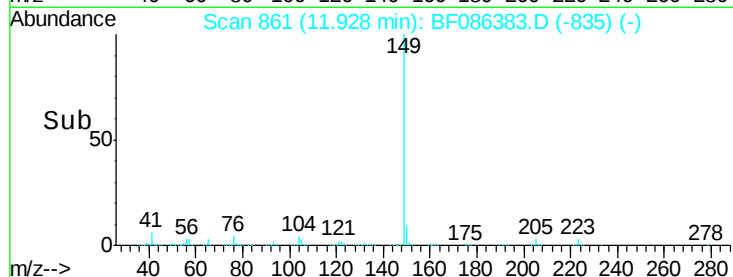
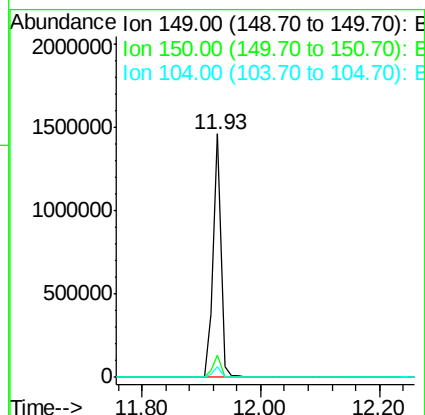
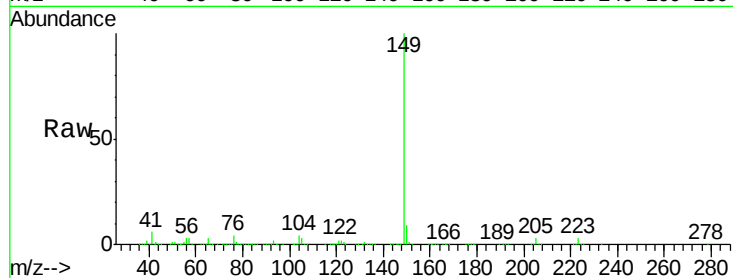




#73
Di-n-butylphthalate
Concen: 35.44 ng
RT: 11.93 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

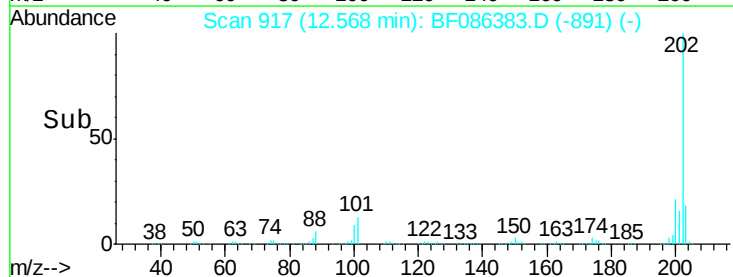
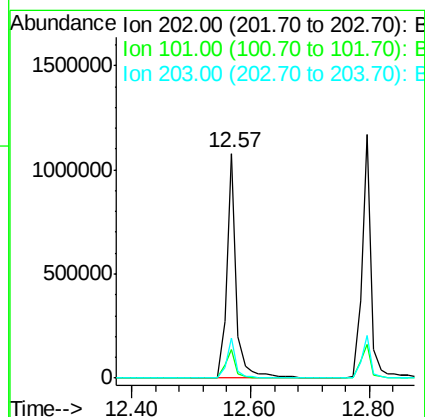
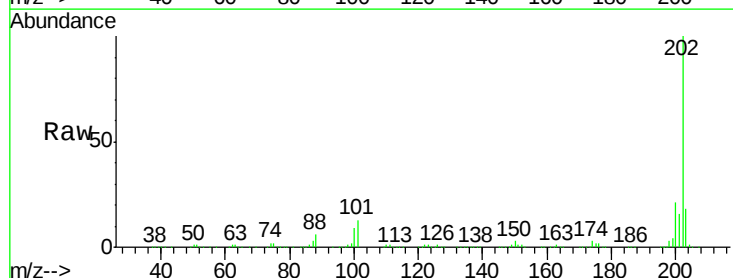
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

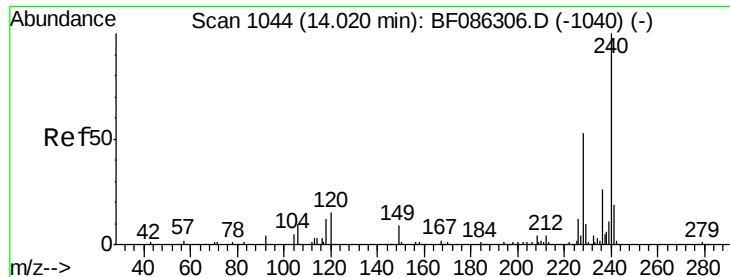
Tgt Ion:149 Resp: 1344363
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 4.4 3.8 5.6



#74
Fluoranthene
Concen: 33.32 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion:202 Resp: 1203948
Ion Ratio Lower Upper
202 100
101 12.7 0.0 35.4
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

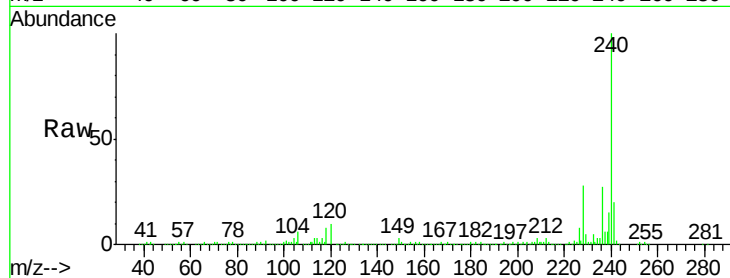
Tgt Ion:240 Resp: 465376

Ion Ratio Lower Upper

240 100

120 9.6 11.2 16.8#

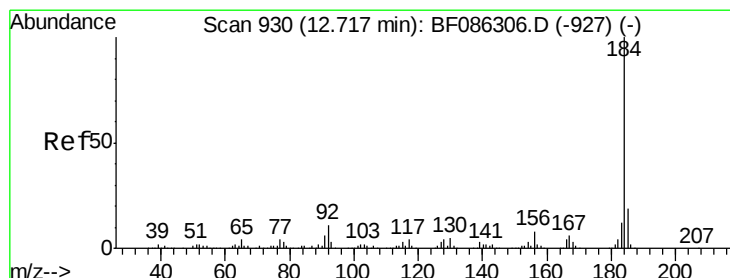
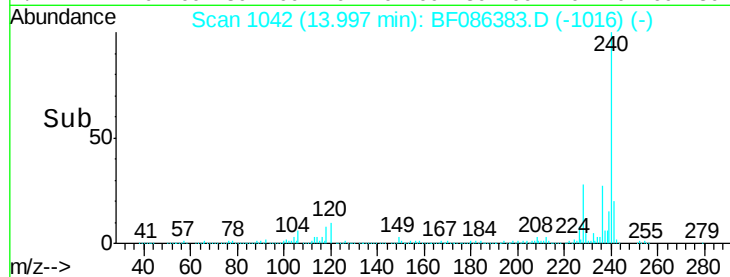
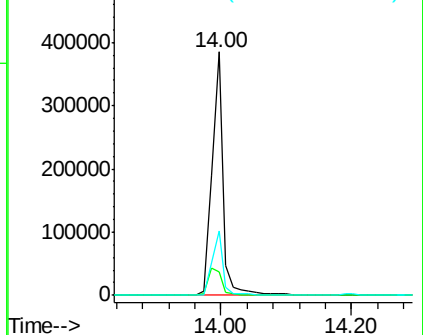
236 26.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.91 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

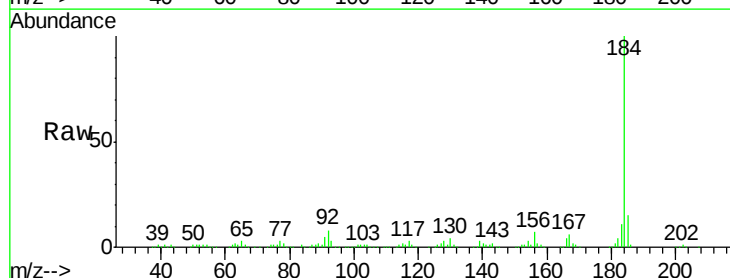
Tgt Ion:184 Resp: 475365

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

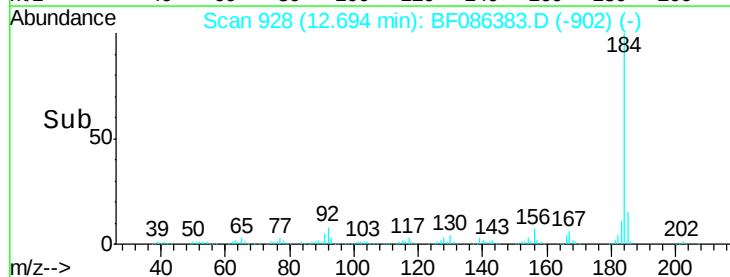
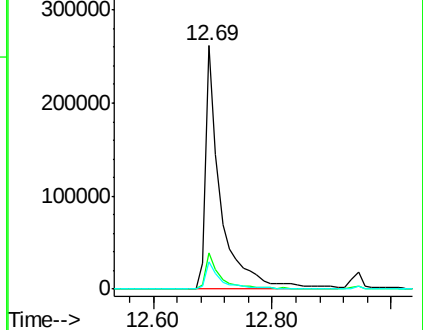
183 11.4 9.8 14.6

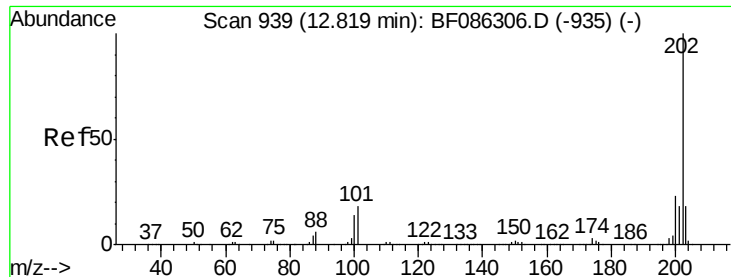


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

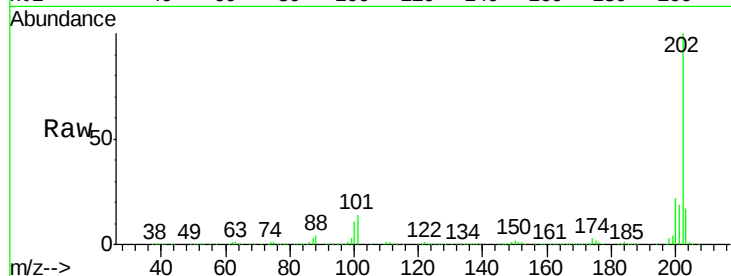




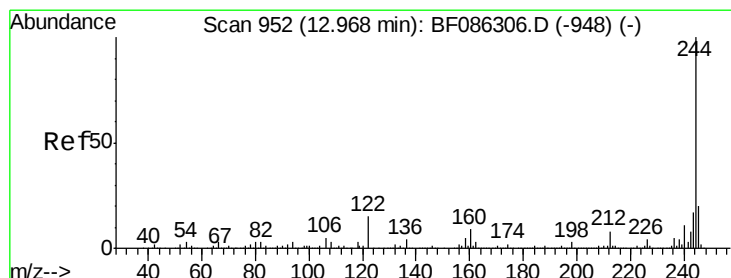
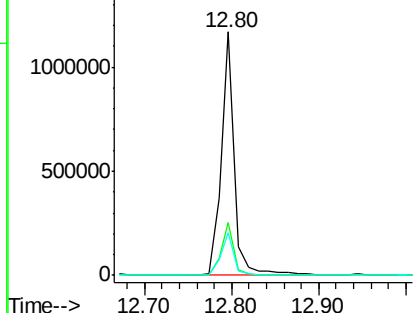
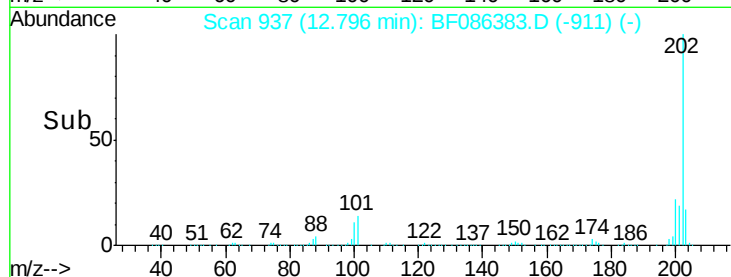
#77
 Pyrene
 Concen: 37.80 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tgt Ion: 202 Resp: 1226886
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.7 26.5
 203 17.5 14.2 21.4

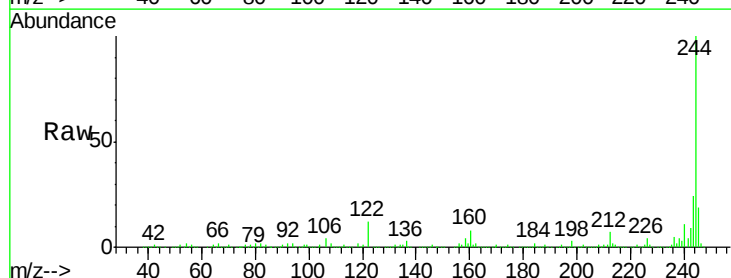


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

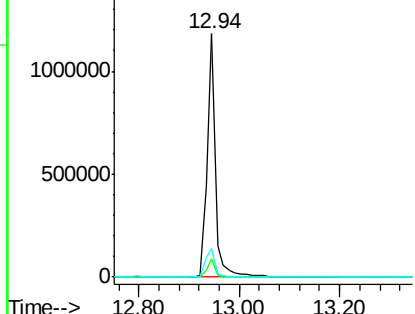
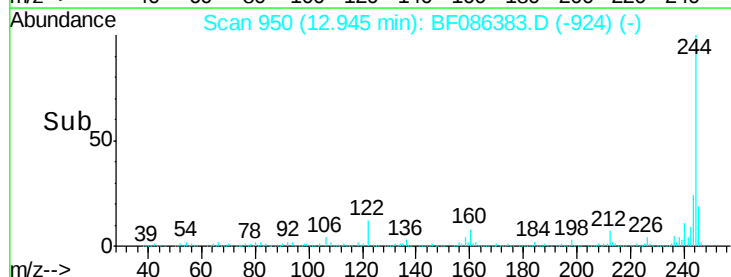


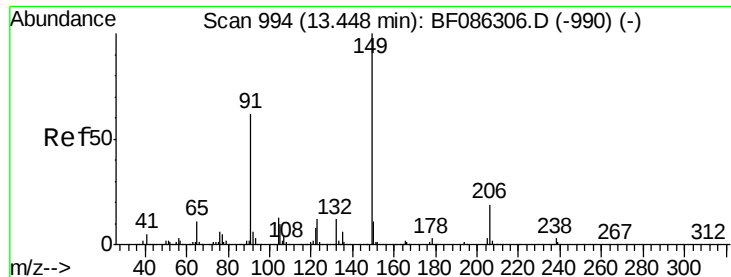
#78
 Terphenyl-d14
 Concen: 72.25 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion: 244 Resp: 1353362
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 11.6 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.23 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

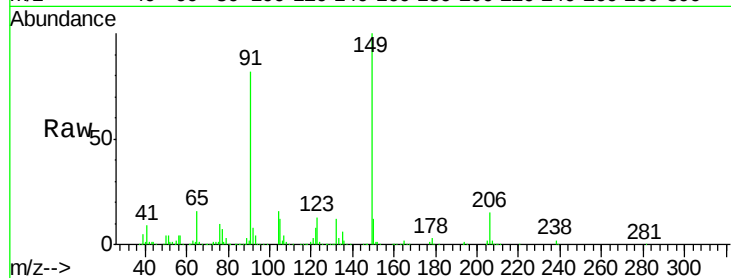
Tgt Ion:149 Resp: 547749

Ion Ratio Lower Upper

149 100

91 82.0 48.0 72.0#

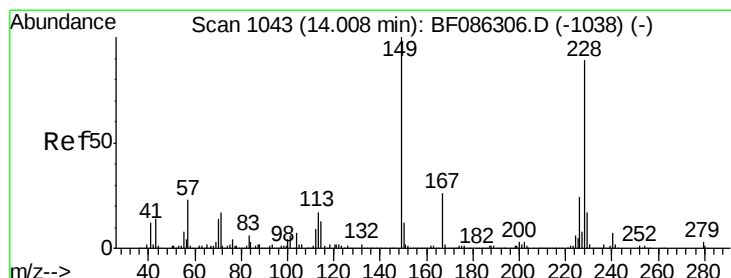
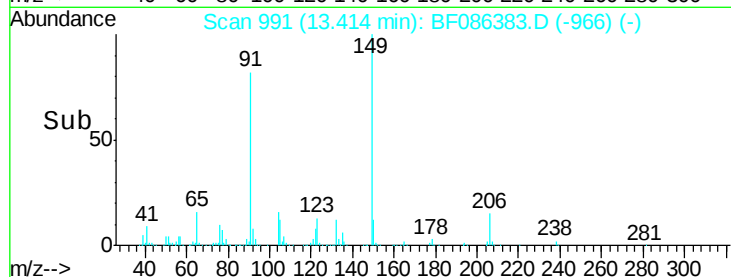
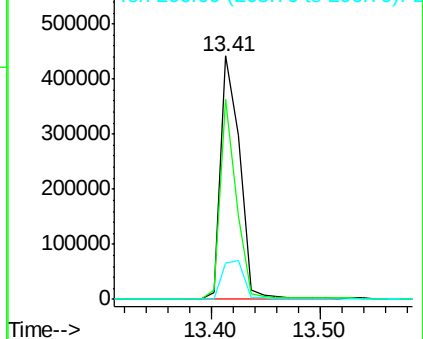
206 14.8 15.8 23.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.35 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

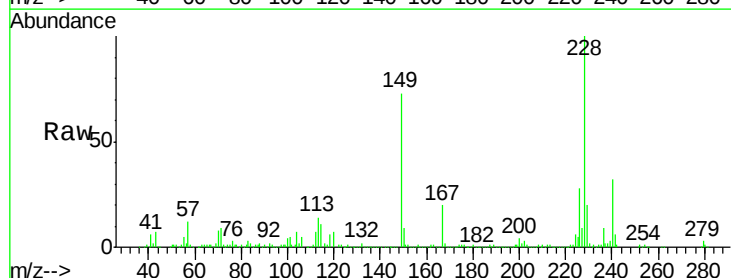
Tgt Ion:228 Resp: 829795

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

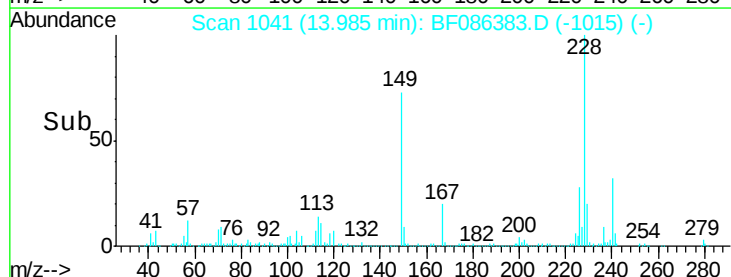
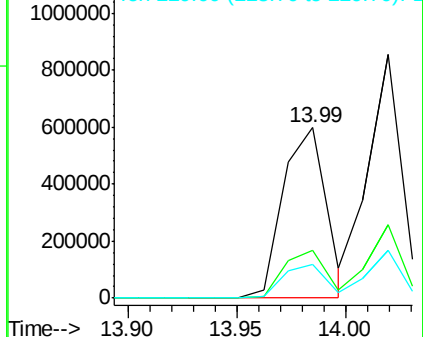
229 19.7 16.6 25.0

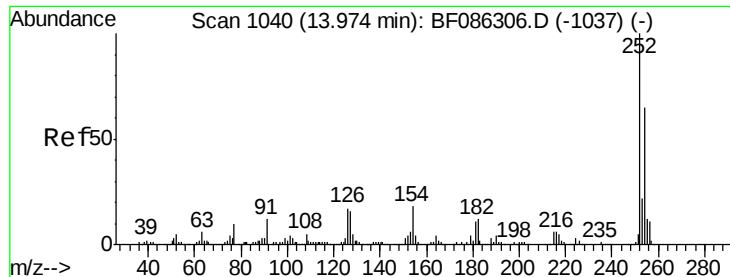


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 11.71 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

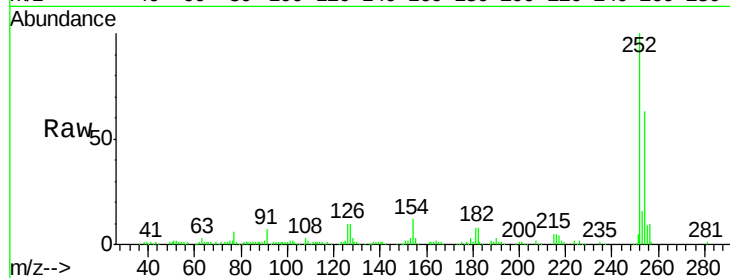
Tgt Ion:252 Resp: 195164

Ion Ratio Lower Upper

252 100

254 62.9 50.7 76.1

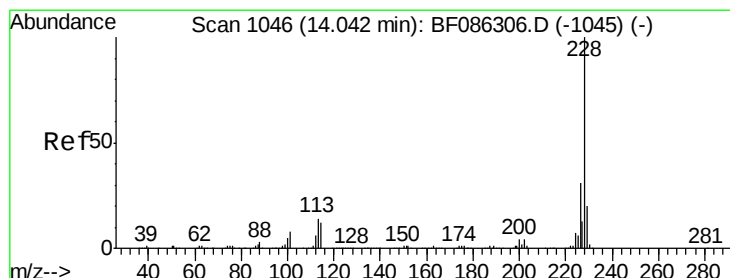
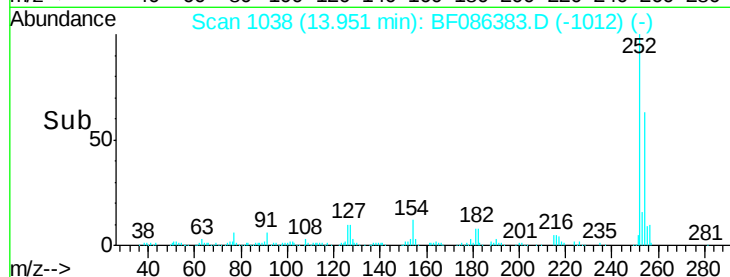
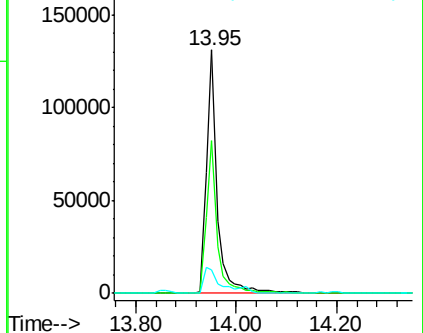
126 9.8 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.82 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

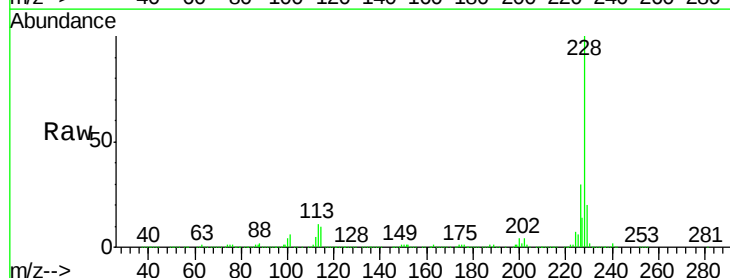
Tgt Ion:228 Resp: 1029264

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

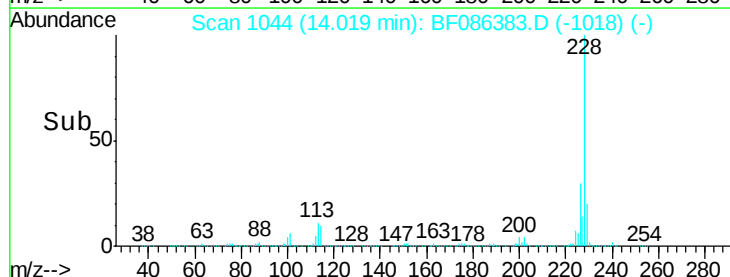
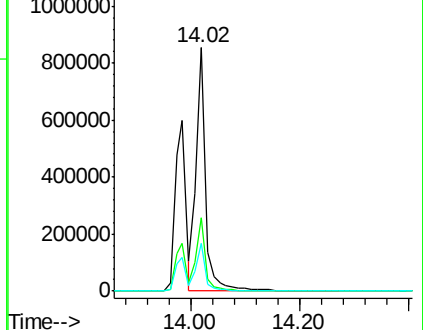
229 19.8 15.8 23.8

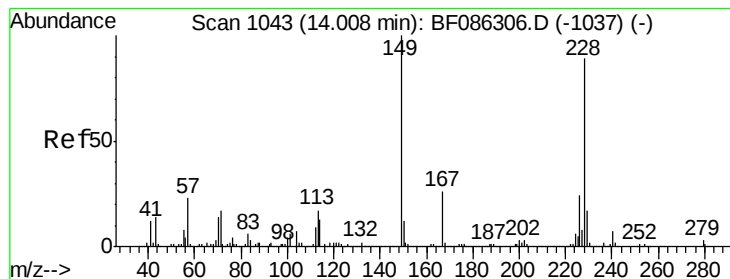


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.32 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

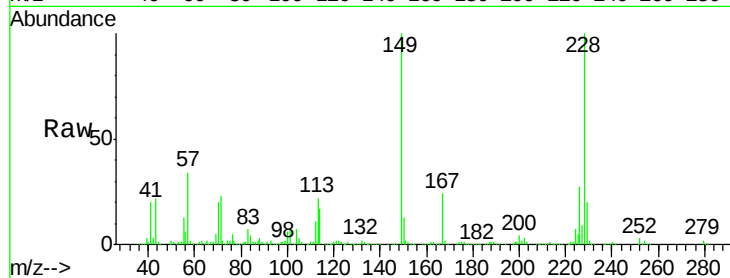
Tgt Ion:149 Resp: 648719

Ion Ratio Lower Upper

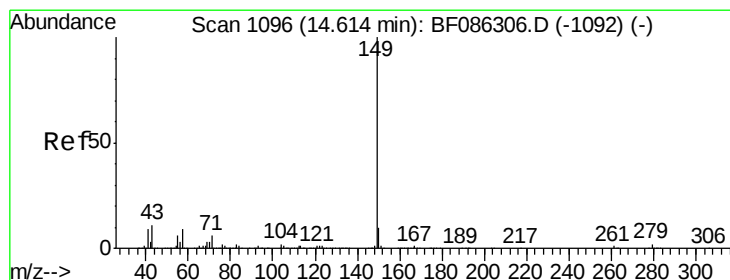
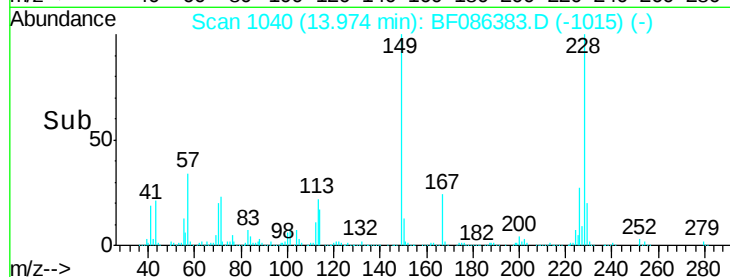
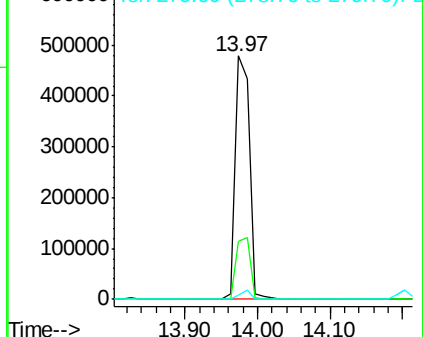
149 100

167 23.8 21.8 32.6

279 1.7 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.19 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

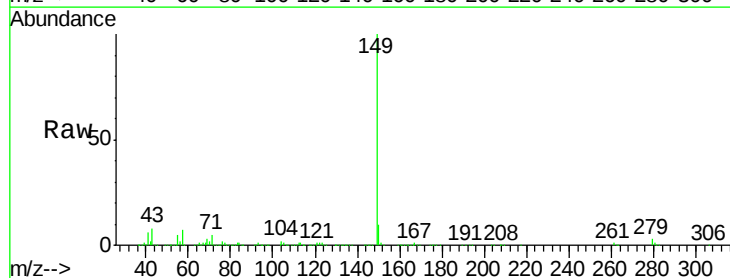
Tgt Ion:149 Resp: 1208640

Ion Ratio Lower Upper

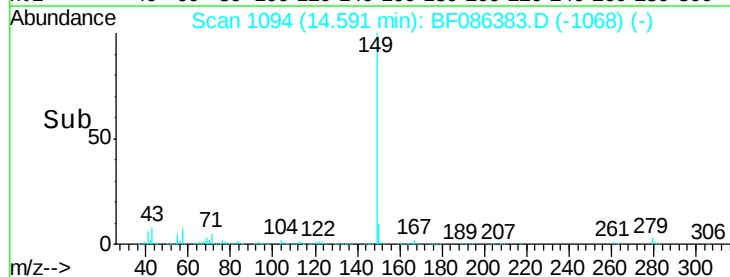
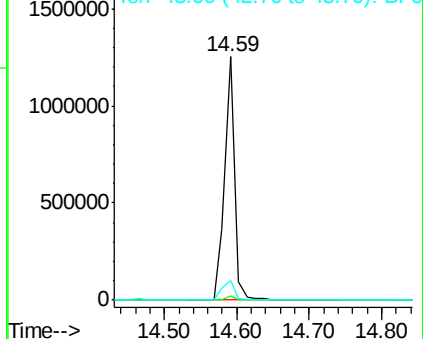
149 100

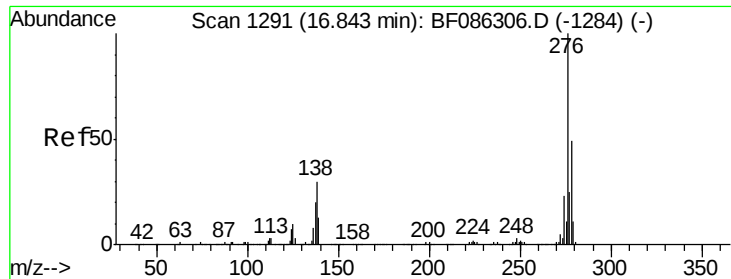
167 1.5 1.2 1.8

43 9.7 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

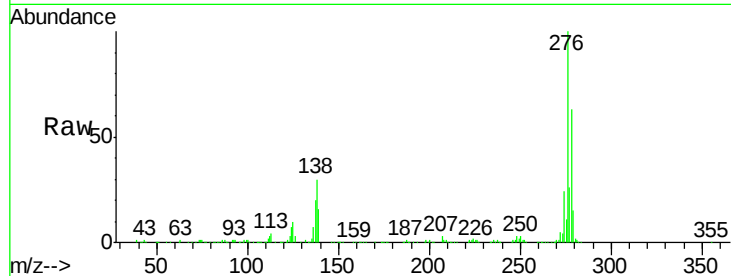




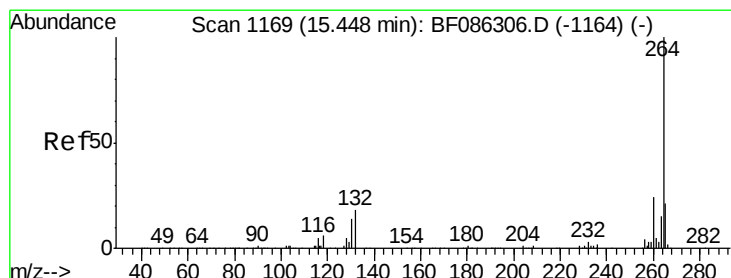
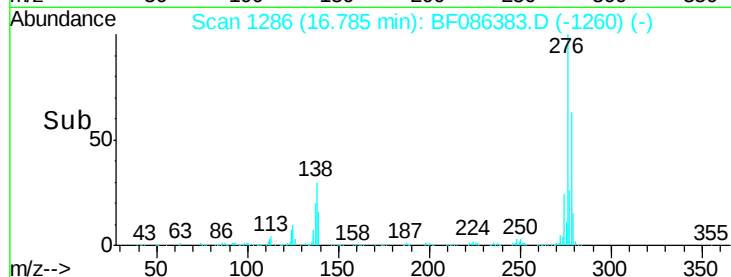
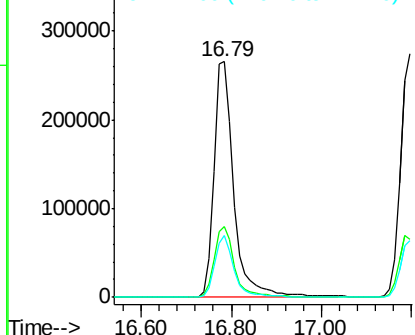
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.61 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tgt Ion: 276 Resp: 813173
 Ion Ratio Lower Upper
 276 100
 138 30.9 25.6 38.4
 277 25.8 20.5 30.7

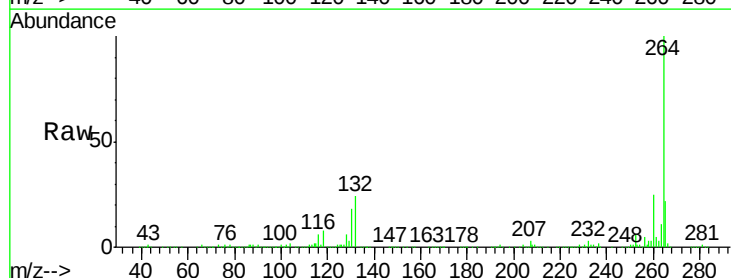


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

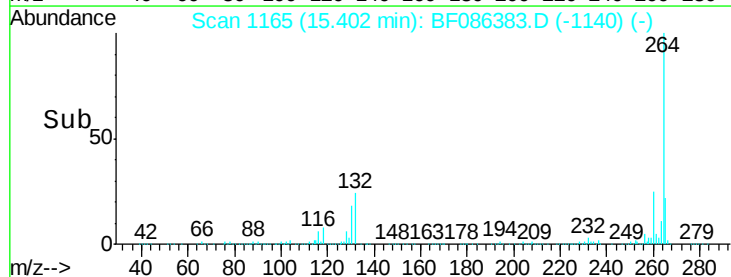
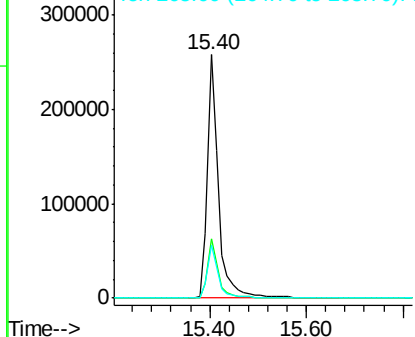


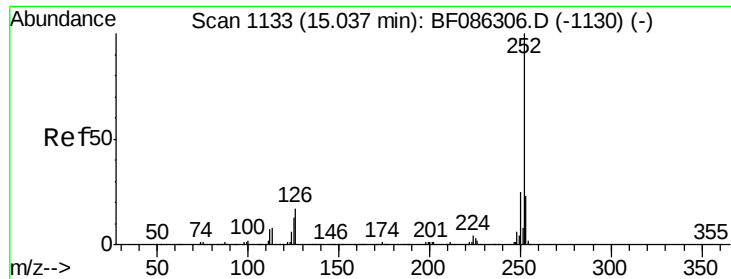
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion: 264 Resp: 416793
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

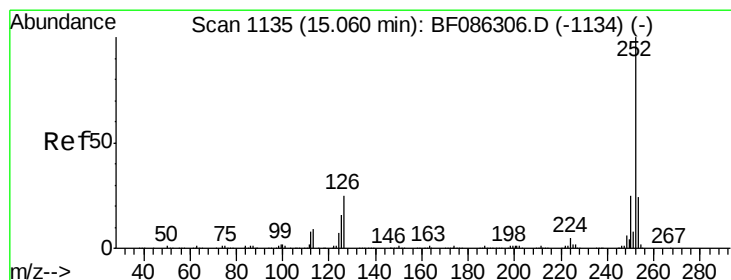
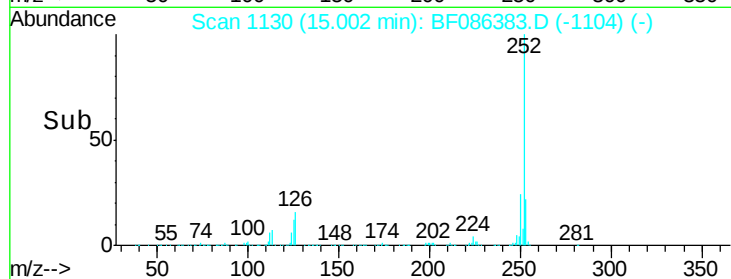
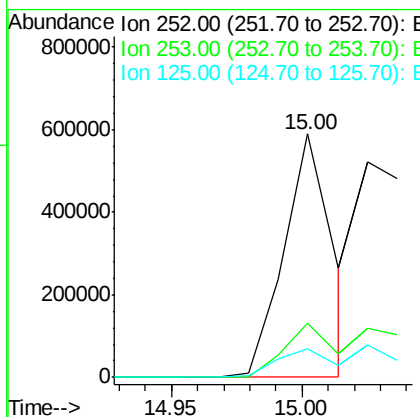
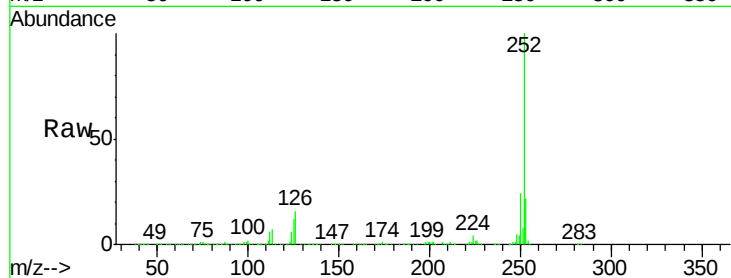




#87
Benzo(b)fluoranthene
Concen: 33.02 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

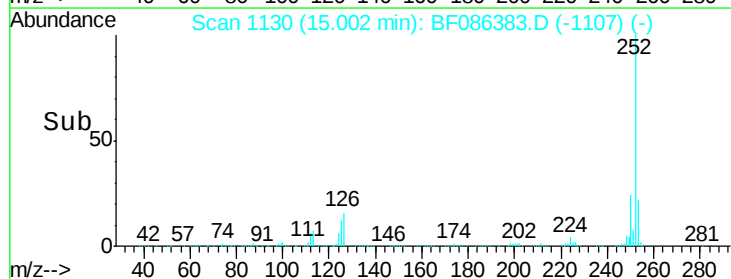
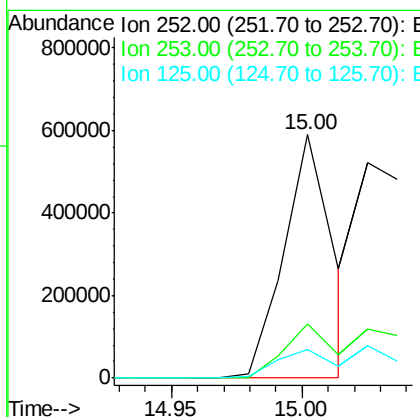
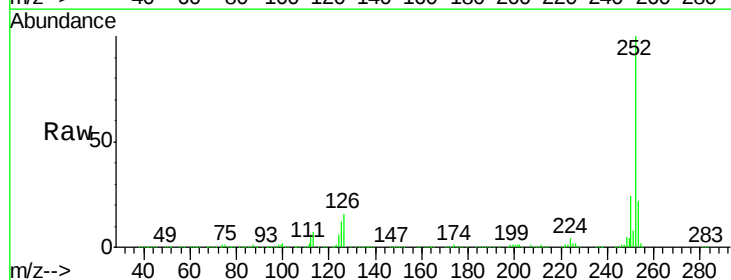
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

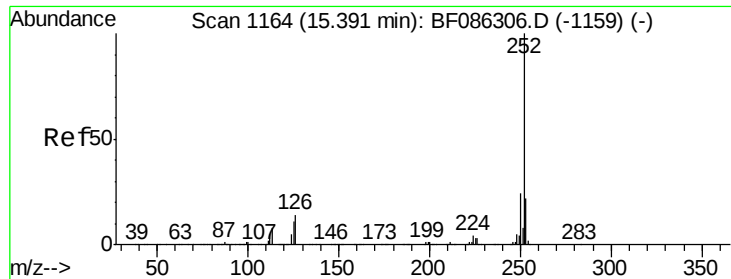
Tgt Ion: 252 Resp: 755362
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.7 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 33.64 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion: 252 Resp: 755362
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.7 9.1 13.7





#89

Benzo(a)pyrene

Concen: 35.20 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

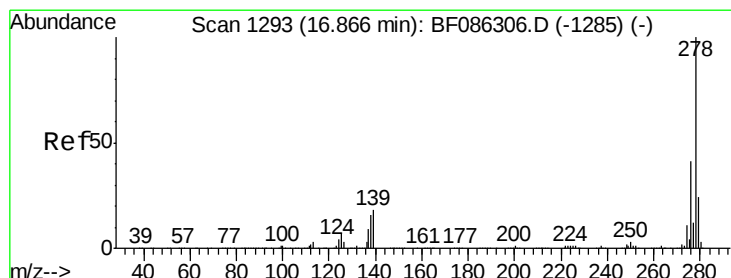
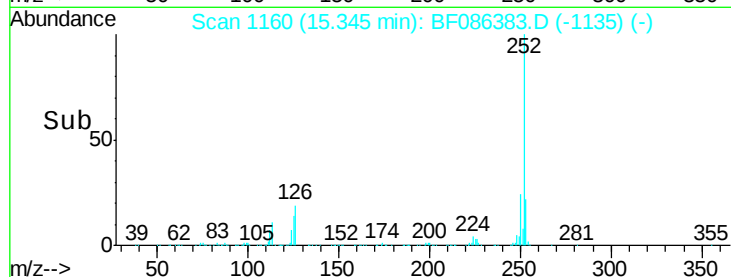
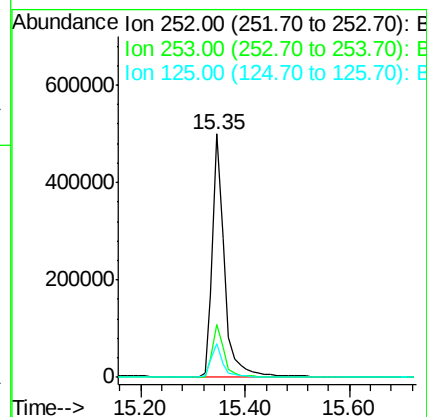
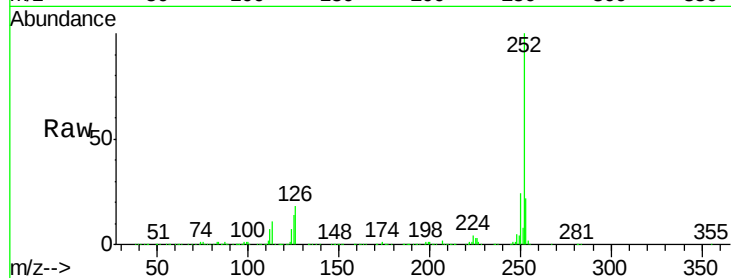
Tgt Ion: 252 Resp: 794444

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 13.7 9.0 13.6#



#90

Dibenzo(a,h)anthracene

Concen: 35.83 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

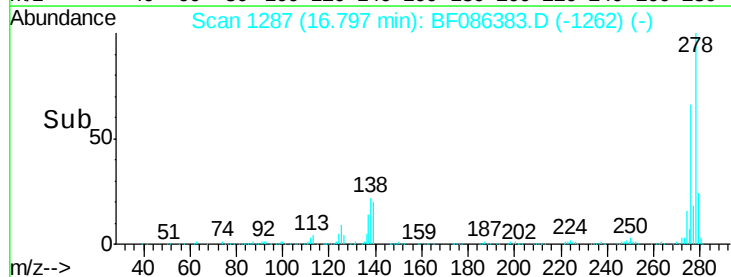
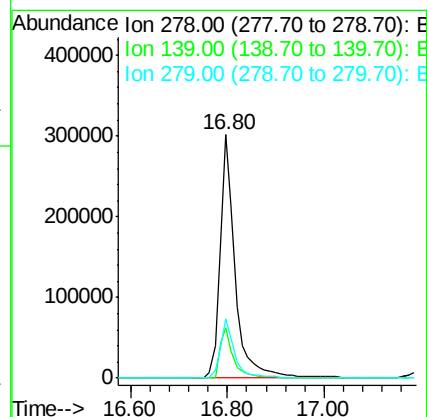
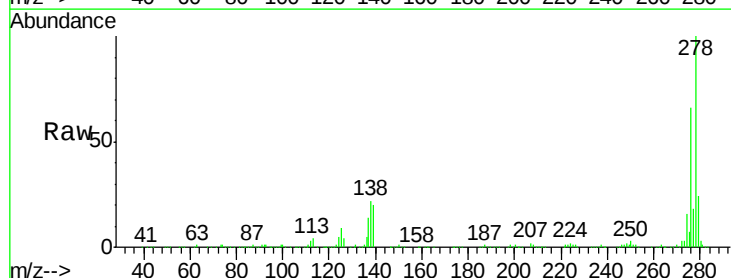
Tgt Ion: 278 Resp: 667013

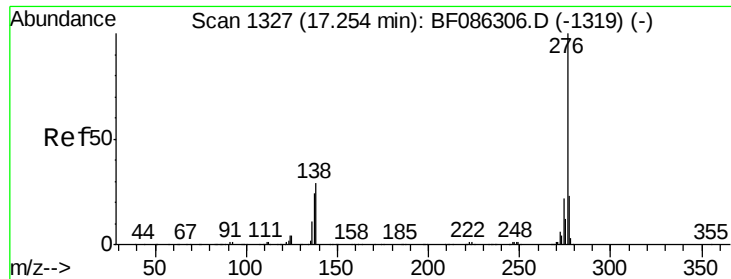
Ion Ratio Lower Upper

278 100

139 20.4 16.6 24.8

279 24.3 19.6 29.4

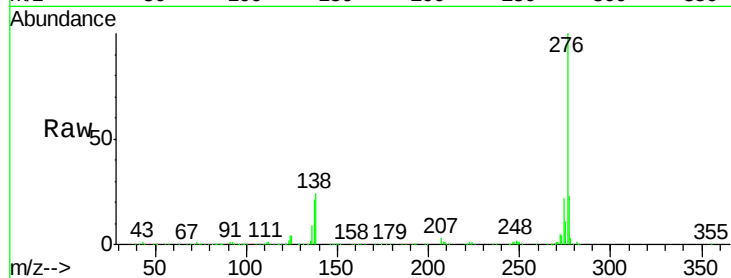




#91
 Benzo(g,h,i)perylene
 Concen: 35.82 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.6	29.4
138	24.0	23.6	35.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

