

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086384.D
 Acq On : 23 Apr 2016 11:40
 Operator : UM/SJ
 Sample : H2661-01MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Apr 25 00:48:45 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	173972	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	715765	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	350991	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	674078	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	457710	20.00	ng	0.00
86) Perylene-d12	15.40	264	420919	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1296866	128.74	ng	0.02
7) Phenol-d6	6.48	99	1729844	126.31	ng	0.00
23) Nitrobenzene-d5	7.41	82	1103085	91.29	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	398440	125.40	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1873258	91.08	ng	0.00
78) Terphenyl-d14	12.95	244	1658584	90.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	192775	34.61	ng	97
3) Pyridine	3.23	79	124471	9.38	ng	96
4) n-Nitrosodimethylamine	3.14	42	215288	42.75	ng	95
6) Aniline	6.51	93	407020	24.35	ng	93
8) 2-Chlorophenol	6.62	128	517293	42.06	ng	96
9) Benzaldehyde	6.38	77	111885	13.45	ng	96
10) Phenol	6.50	94	630892	39.01	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	522777	37.13	ng	100
12) 1,3-Dichlorobenzene	6.78	146	565776	43.13	ng	99
13) 1,4-Dichlorobenzene	6.86	146	590151	40.96	ng	98
14) 1,2-Dichlorobenzene	7.01	146	553873	42.31	ng	99
15) Benzyl Alcohol	6.99	79	425448	52.34	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	710280	38.49	ng	100
17) 2-Methylphenol	7.10	107	468242	46.46	ng	98
18) Hexachloroethane	7.36	117	196536	40.50	ng	# 91
19) n-Nitroso-di-n-propylamine	7.26	70	366906	44.83	ng	95
20) 3+4-Methylphenols	7.25	107	476624	44.61	ng	91
22) Acetophenone	7.25	105	701473	46.72	ng	98
24) Nitrobenzene	7.42	77	540526	41.70	ng	97
25) Isophorone	7.66	82	1011749	42.73	ng	98
26) 2-Nitrophenol	7.74	139	315985	49.35	ng	97
27) 2,4-Dimethylphenol	7.79	122	562489	51.30	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	654634	49.51	ng	99
29) 2,4-Dichlorophenol	7.98	162	459394	50.68	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	453845	46.10	ng	94
31) Naphthalene	8.14	128	1561091	42.81	ng	99
32) Benzoic acid	7.79	122	562489	80.24	ng	# 17
33) 4-Chloroaniline	8.20	127	246013	17.32	ng	97
34) Hexachlorobutadiene	8.27	225	231693	47.13	ng	99
35) Caprolactam	8.57	113	73371	22.56	ng	90
36) 4-Chloro-3-methylphenol	8.68	107	489966	45.48	ng	96
37) 2-Methylnaphthalene	8.84	142	1041002	49.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	380805	41.94	ng	99
40) Hexachlorocyclopentadiene	8.99	237	402936	90.85	ng	97

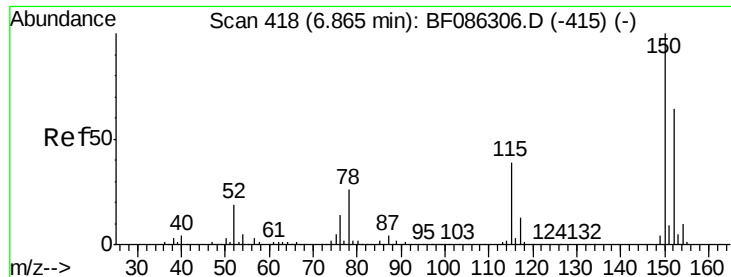
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	289163	48.57	ng	100
43) 2,4,5-Trichlorophenol	9.16	196	325330	44.38	ng	94
45) 1,1'-Biphenyl	9.31	154	1226617	45.05	ng	99
46) 2-Chloronaphthalene	9.33	162	985414	45.72	ng	98
47) 2-Nitroaniline	9.42	65	333912	49.75	ng	98
48) Acenaphthylene	9.74	152	1600946	45.81	ng	99
49) Dimethylphthalate	9.61	163	1308543	51.60	ng	99
50) 2,6-Dinitrotoluene	9.66	165	250677	45.77	ng	97
51) Acenaphthene	9.92	154	986605	45.96	ng	99
52) 3-Nitroaniline	9.84	138	241437	35.21	ng	96
53) 2,4-Dinitrophenol	9.94	184	101963	35.81	ng	96
54) Dibenzofuran	10.09	168	1375923	49.91	ng	99
55) 4-Nitrophenol	10.01	139	442067	92.13	ng	94
56) 2,4-Dinitrotoluene	10.08	165	355562	48.89	ng	# 69
57) Fluorene	10.43	166	1039791	46.03	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	259626	48.45	ng	99
59) Diethylphthalate	10.30	149	1070502	44.09	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	429375	43.46	ng	96
61) 4-Nitroaniline	10.45	138	322918	46.01	ng	92
62) Azobenzene	10.58	77	1186362	47.12	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	137534	33.39	ng	95
65) n-Nitrosodiphenylamine	10.54	169	957003	46.04	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	289984	43.93	ng	93
67) Hexachlorobenzene	10.97	284	309517	43.95	ng	# 58
68) Atrazine	11.07	200	289902	45.17	ng	97
69) Pentachlorophenol	11.16	266	296949	71.81	ng	99
70) Phenanthrene	11.39	178	1534629	45.31	ng	99
71) Anthracene	11.44	178	1589062	40.95	ng	100
72) Carbazole	11.60	167	1650414	45.28	ng	99
73) Di-n-butylphthalate	11.93	149	1723669	44.95	ng	100
74) Fluoranthene	12.57	202	1569081	42.96	ng	98
76) Benzidine	12.69	184	198819	10.59	ng	97
77) Pyrene	12.80	202	1577793	49.43	ng	99
79) Butylbenzylphthalate	13.41	149	764519	51.41	ng	# 75
80) Benzo(a)anthracene	13.99	228	1066142	44.87	ng	98
81) 3,3'-Dichlorobenzidine	13.95	252	264347	16.13	ng	# 96
82) Chrysene	14.02	228	1288447	48.13	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	837895	50.32	ng	# 99
84) Di-n-octyl phthalate	14.59	149	1633850	51.11	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1147126	48.20	ng	99
87) Benzo(h)fluoranthene	15.00	252	2249618	97.37	ng	98
88) Benzo(k)fluoranthene	15.00	252	2253302	99.37	ng	99
89) Benzo(a)pyrene	15.35	252	1068698	46.89	ng	# 95
90) Dibenzo(a,h)anthracene	16.81	278	942024	50.10	ng	95
91) Benzo(g,h,i)perylene	17.20	276	1004507	51.75	ng	98

(#) = 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: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

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CEDAR-HILL-TF-PS-001MSD

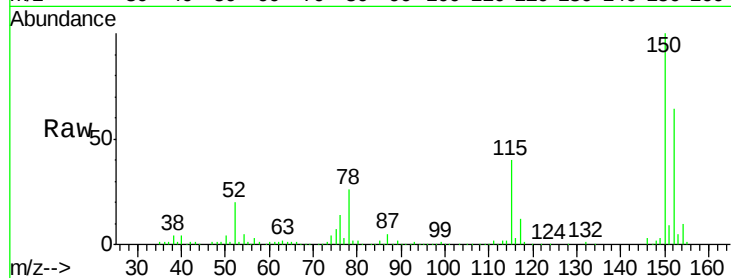
Tgt Ion: 152 Resp: 173972

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

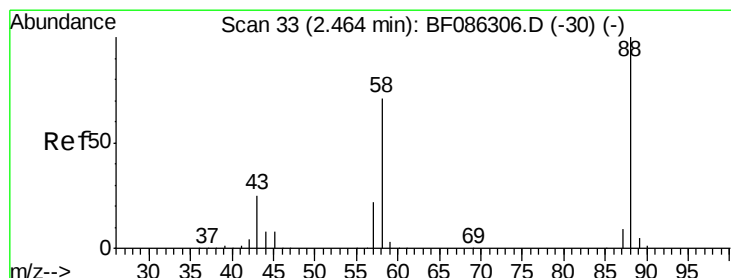
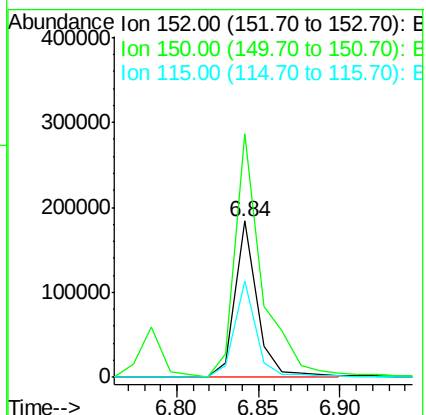
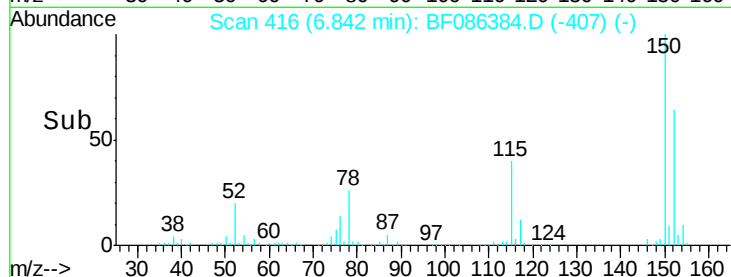
115 61.7 51.5 77.3



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: 34.61 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.07 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

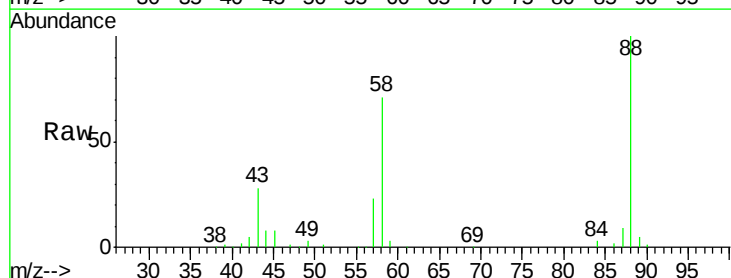
Tgt Ion: 88 Resp: 192775

Ion Ratio Lower Upper

88 100

58 70.8 59.6 89.4

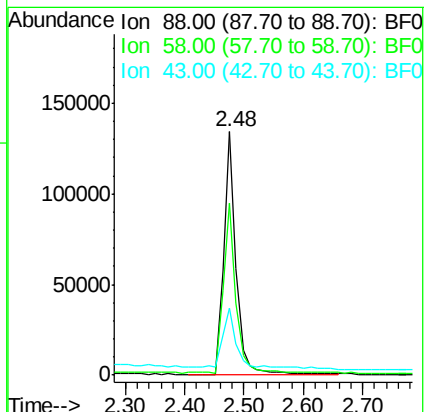
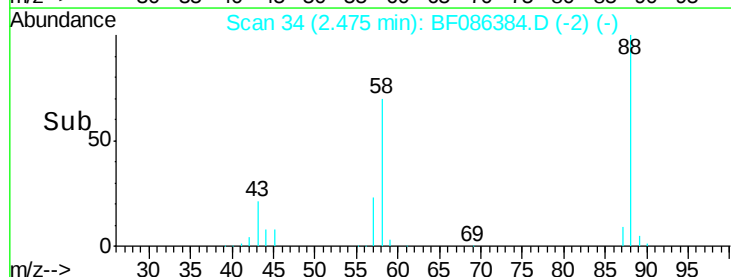
43 27.3 21.8 32.6

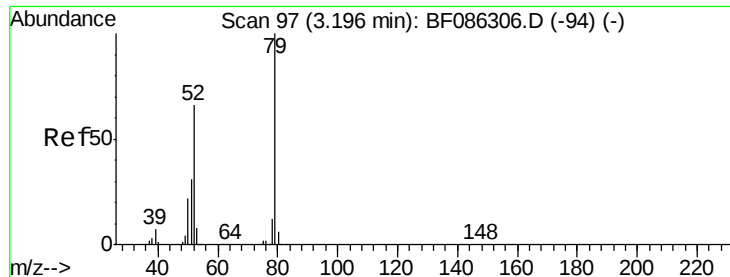


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

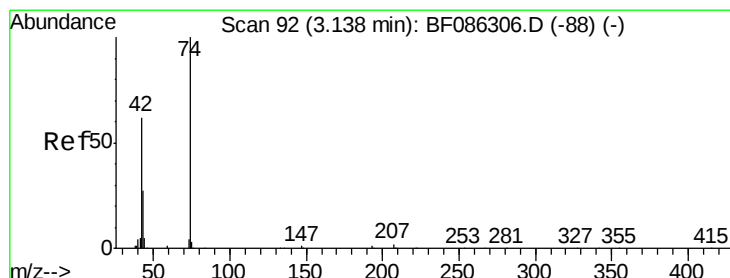
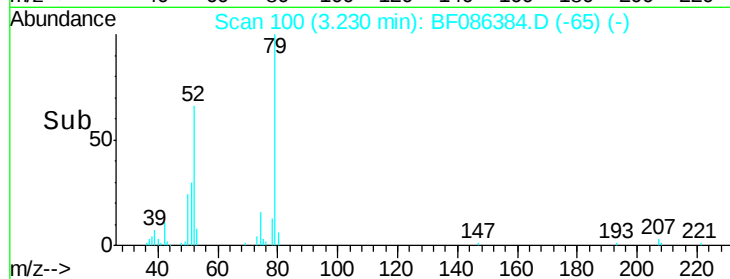
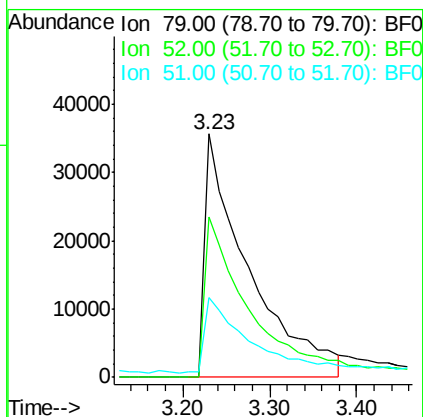
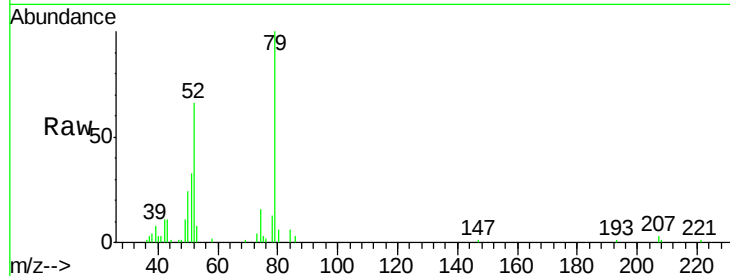




#3
 Pyridine
 Concen: 9.38 ng
 RT: 3.23 min Scan# 100
 Delta R.T. 0.10 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

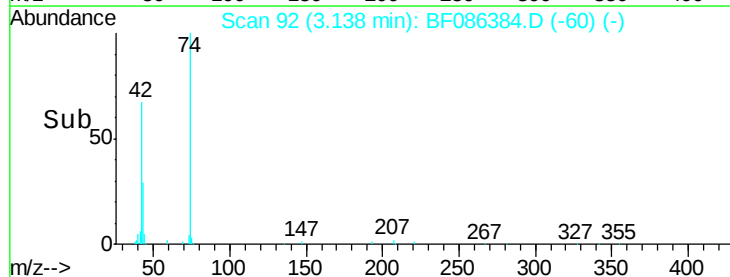
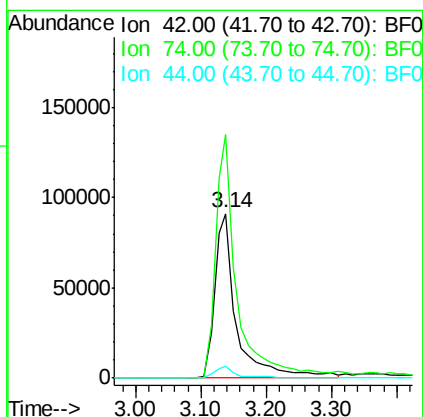
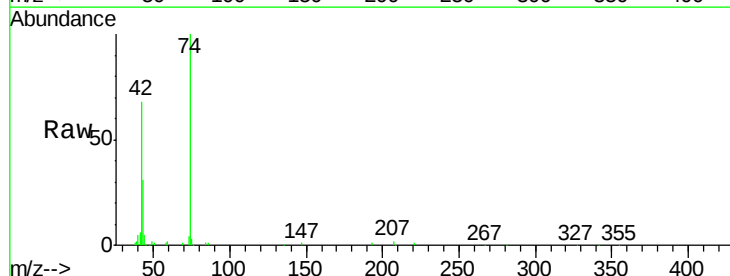
Instrument :
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 CEDAR-HILL-TF-PS-001MSD

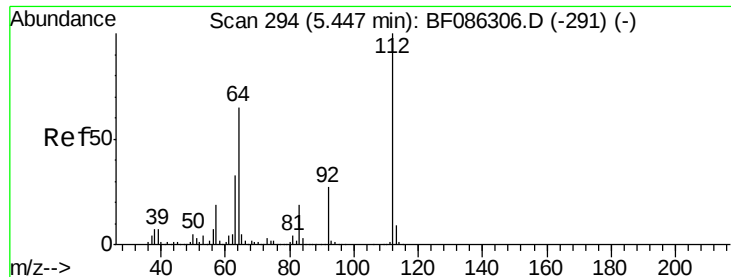
Tgt Ion: 79 Resp: 124471
 Ion Ratio Lower Upper
 79 100
 52 66.0 55.9 83.9
 51 32.7 28.1 42.1



#4
 n-Nitrosodimethylamine
 Concen: 42.75 ng
 RT: 3.14 min Scan# 92
 Delta R.T. 0.07 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion: 42 Resp: 215288
 Ion Ratio Lower Upper
 42 100
 74 147.7 123.4 185.0
 44 7.2 5.8 8.6





#5

2-Fluorophenol

Concen: 128.74 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

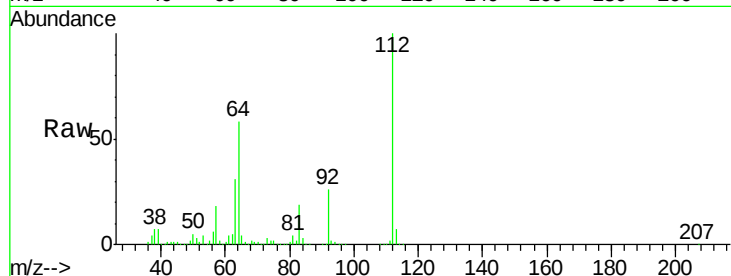
Tgt Ion: 112 Resp: 1296866

Ion Ratio Lower Upper

112 100

64 58.0 52.1 78.1

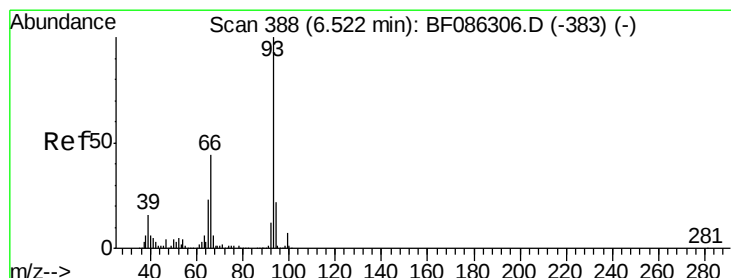
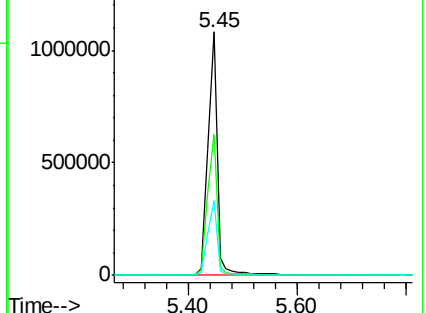
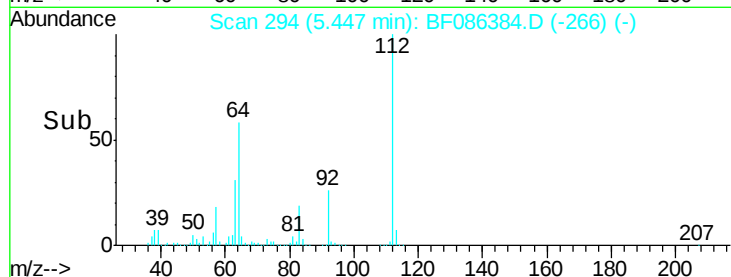
63 30.6 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.35 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

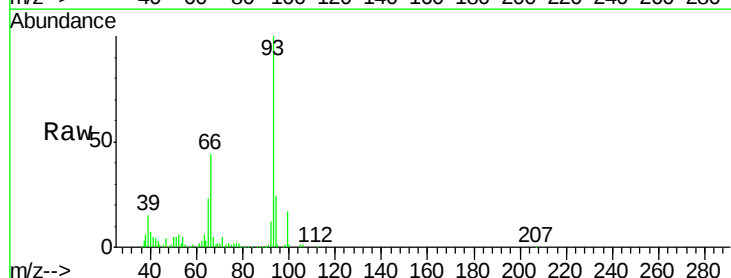
Tgt Ion: 93 Resp: 407020

Ion Ratio Lower Upper

93 100

66 43.5 39.0 58.6

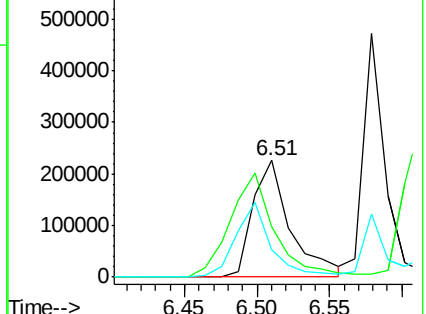
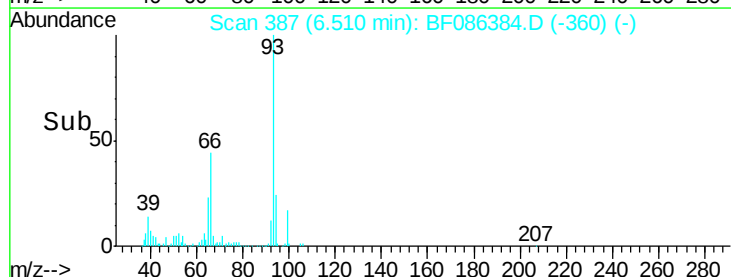
65 23.0 20.6 31.0

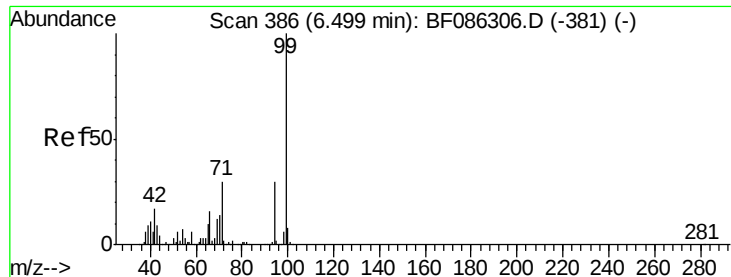


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.31 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

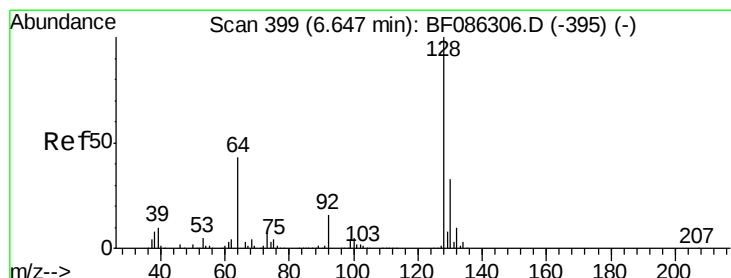
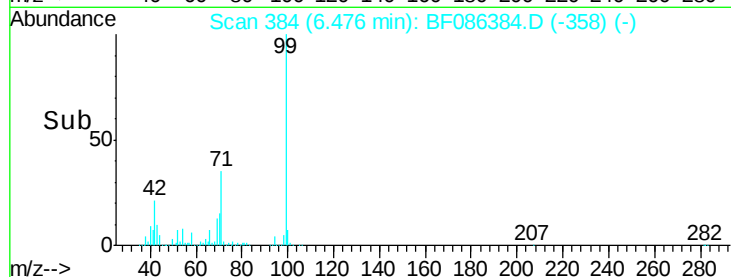
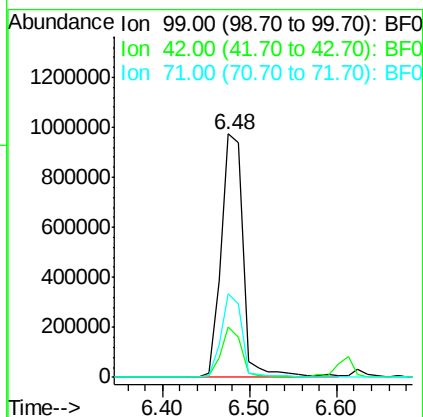
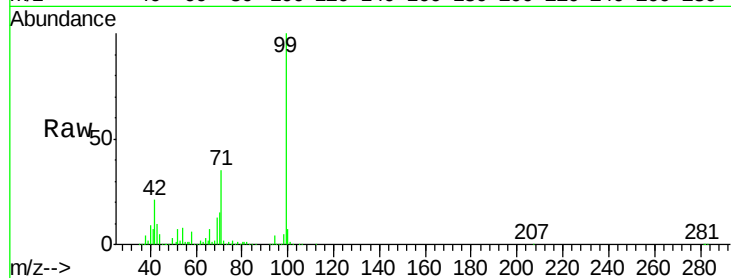
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Tgt Ion: 99 Resp: 1729844

Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.6	20.4#
71	34.5	24.6	36.8



#8

2-Chlorophenol

Concen: 42.06 ng

RT: 6.62 min Scan# 397

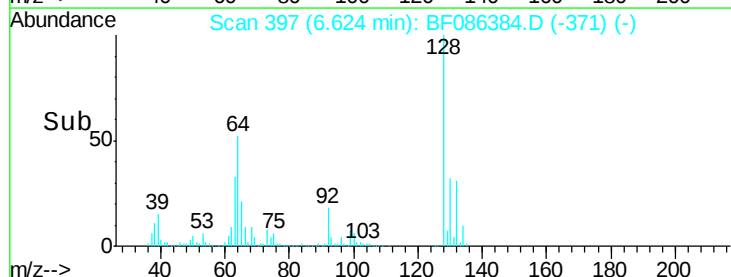
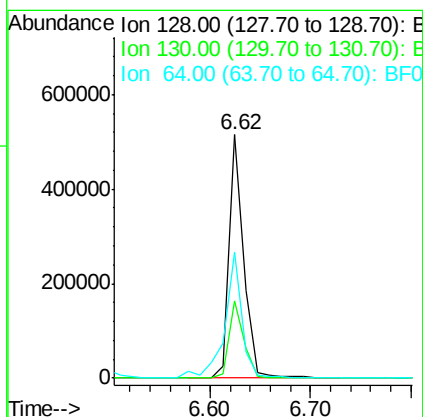
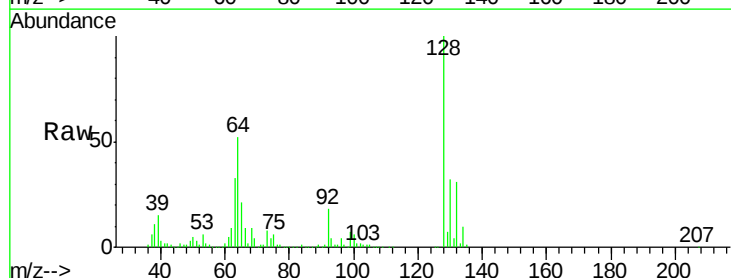
Delta R.T. 0.00 min

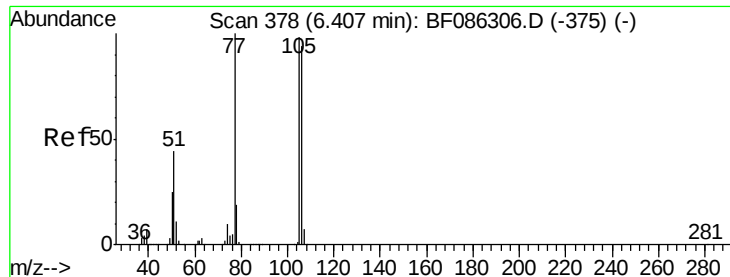
Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion: 128 Resp: 517293

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.5	52.5
64	51.9	27.3	67.3





#9

Benzaldehyde

Concen: 13.45 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

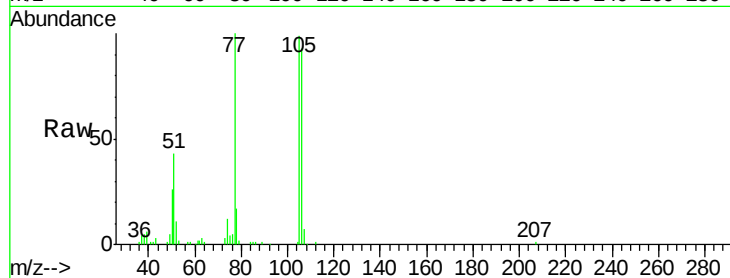
Tgt Ion: 77 Resp: 111885

Ion Ratio Lower Upper

77 100

105 99.2 72.7 112.7

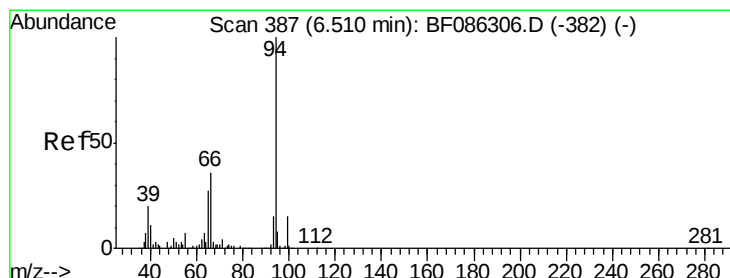
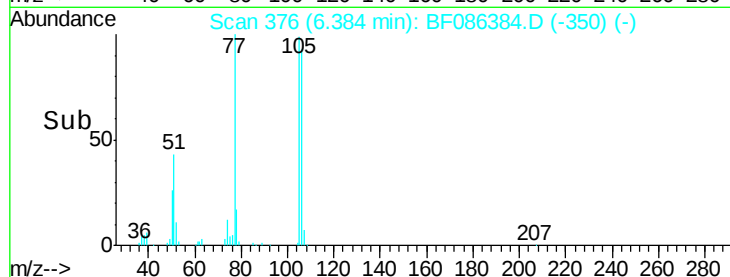
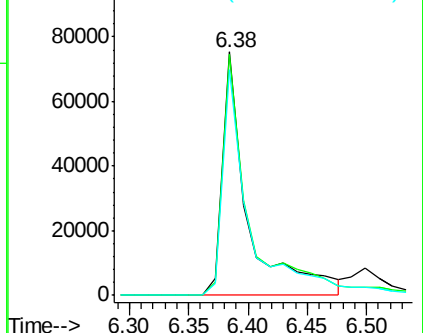
106 92.8 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.01 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

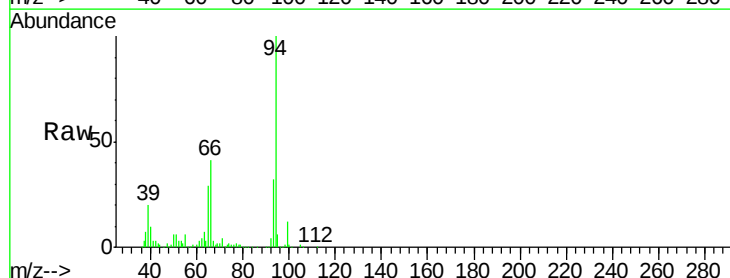
Tgt Ion: 94 Resp: 630892

Ion Ratio Lower Upper

94 100

65 28.9 7.2 47.2

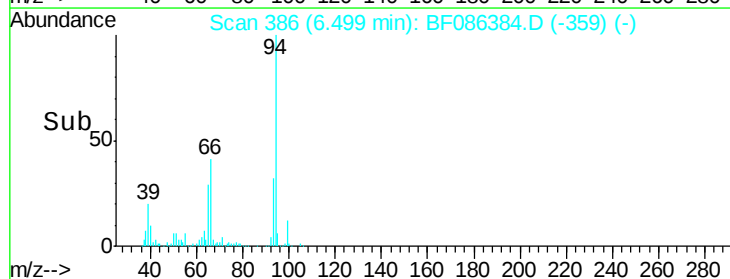
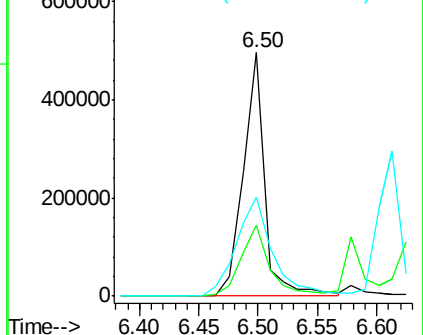
66 40.8 14.9 54.9

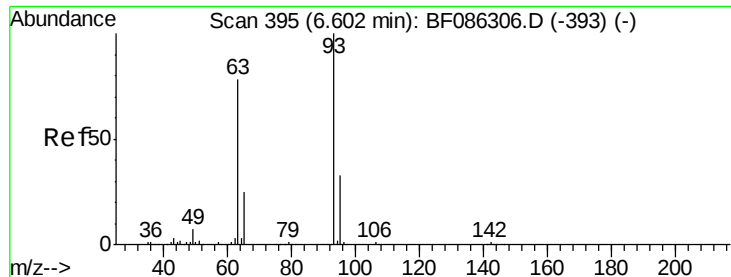


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

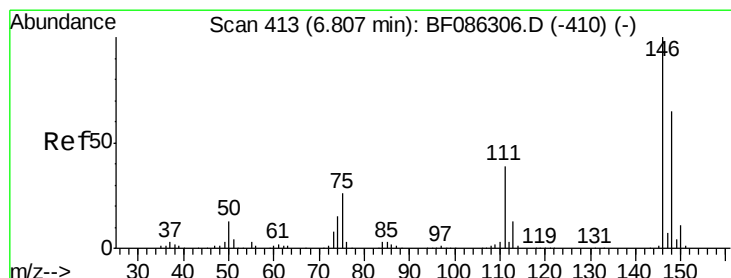
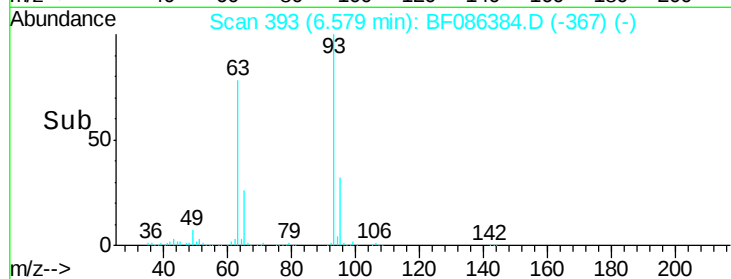
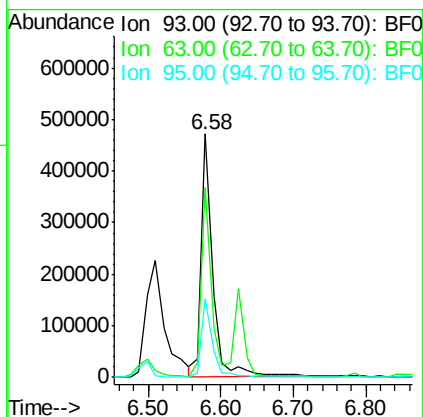
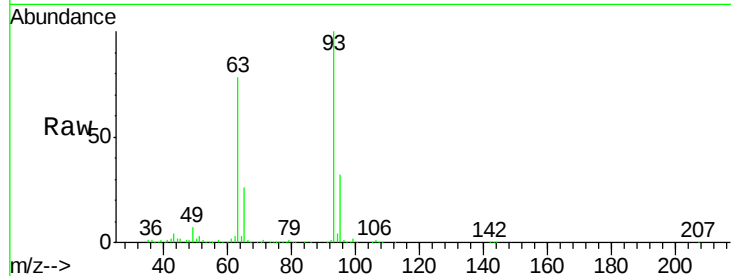




#11
bis(2-Chloroethyl)ether
Concen: 37.13 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

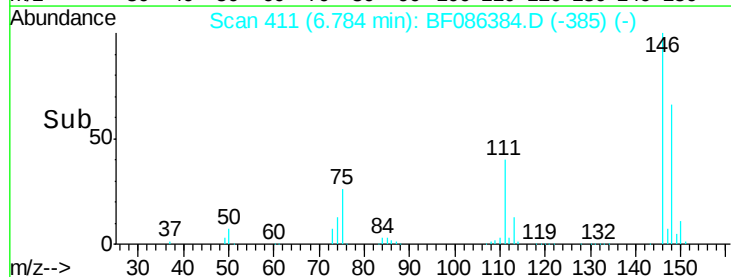
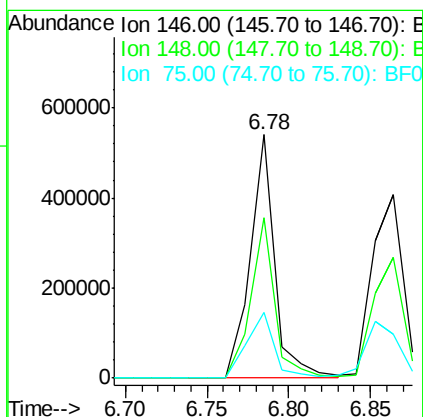
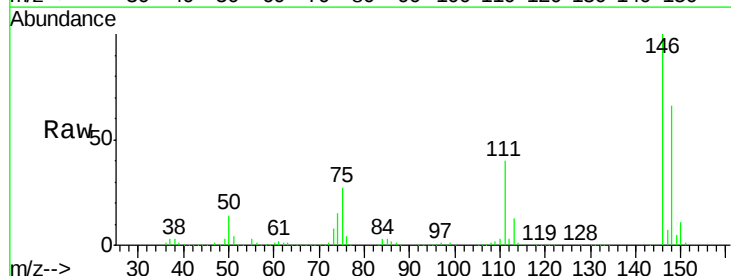
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

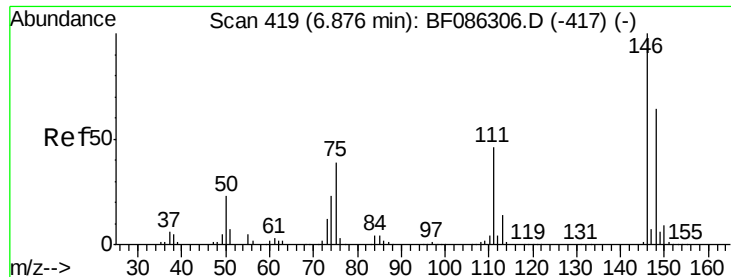
Tgt Ion: 93 Resp: 522777
Ion Ratio Lower Upper
93 100
63 78.2 58.0 98.0
95 32.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 43.13 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion: 146 Resp: 565776
Ion Ratio Lower Upper
146 100
148 65.7 52.4 78.6
75 26.9 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 40.96 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

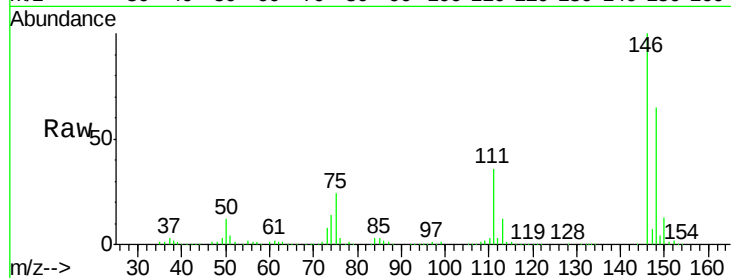
Tgt Ion:146 Resp: 590151

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.4

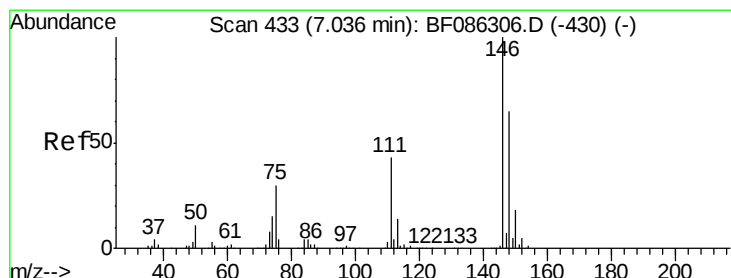
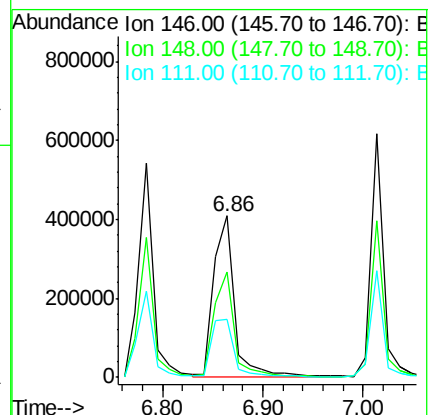
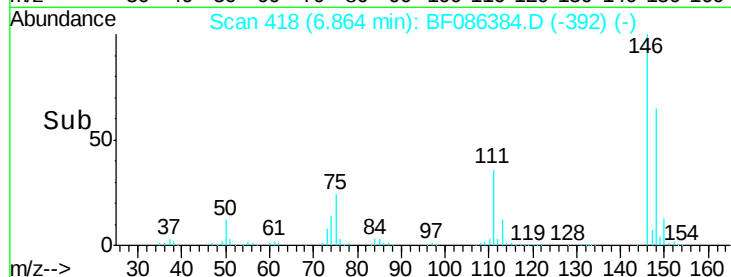
111 36.2 30.7 46.1



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: 42.31 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

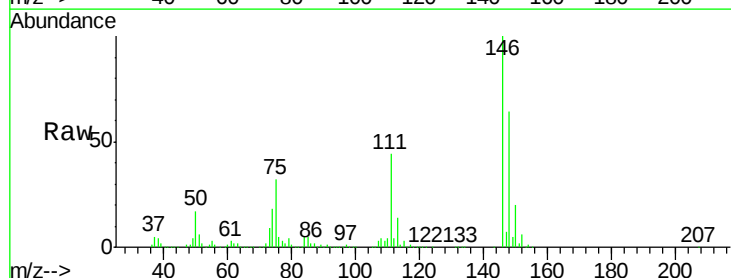
Tgt Ion:146 Resp: 553873

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

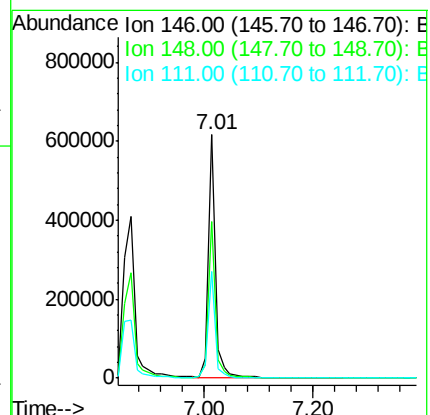
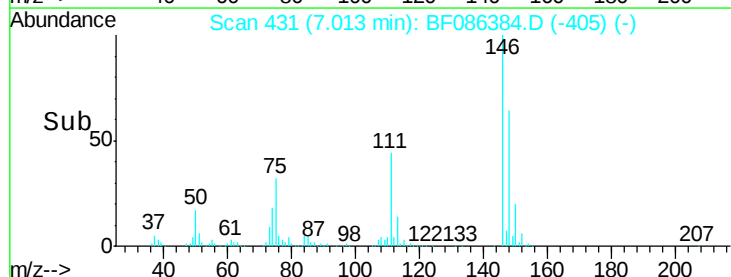
111 43.8 36.2 54.4

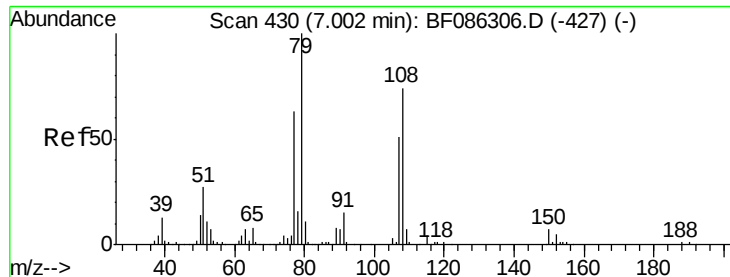


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.34 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

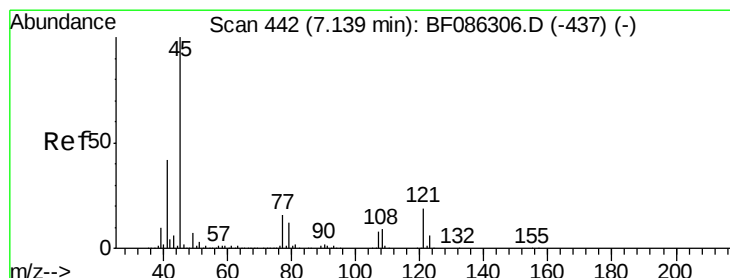
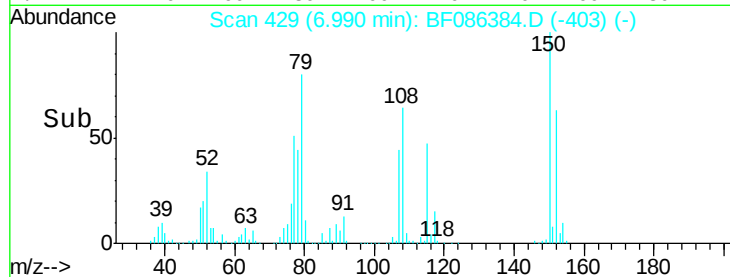
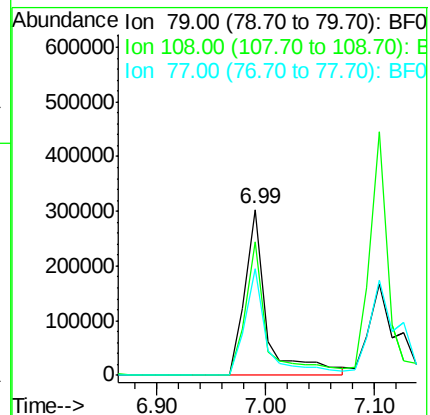
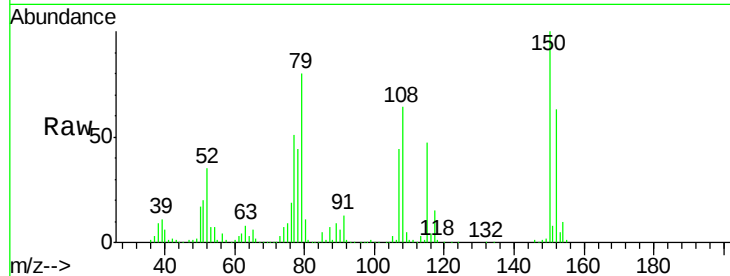
Tgt Ion: 79 Resp: 425448

Ion Ratio Lower Upper

79 100

108 80.5 68.4 102.6

77 64.2 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.49 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

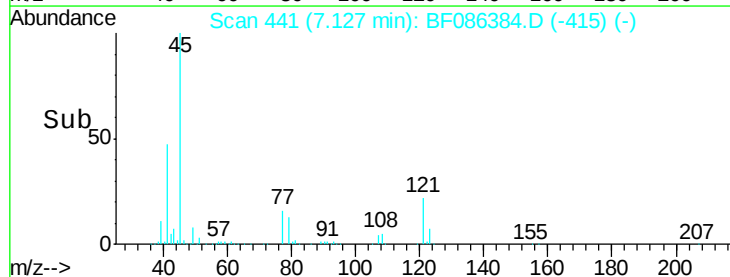
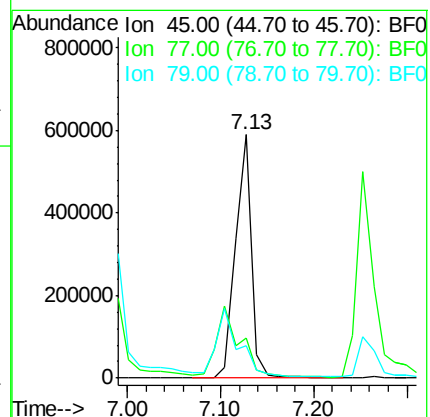
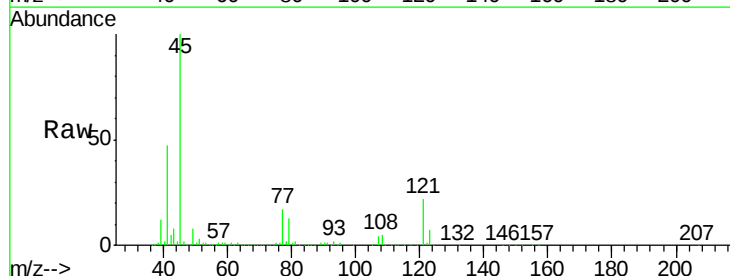
Tgt Ion: 45 Resp: 710280

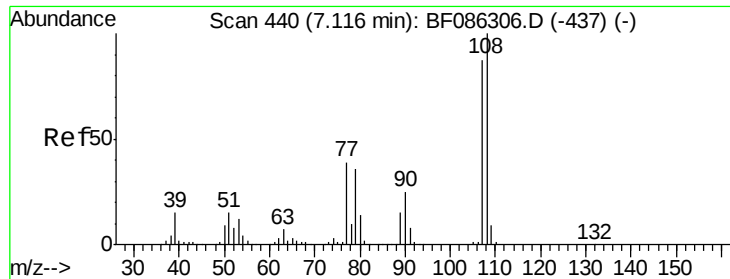
Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.4

79 13.4 0.0 33.4

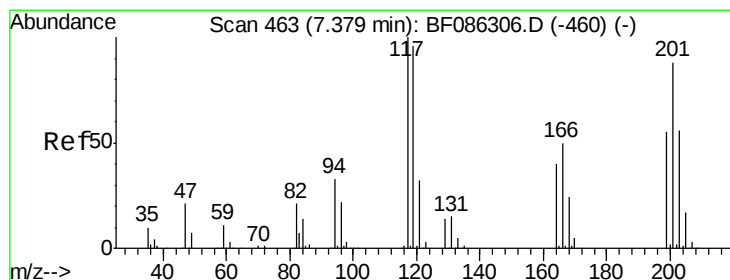
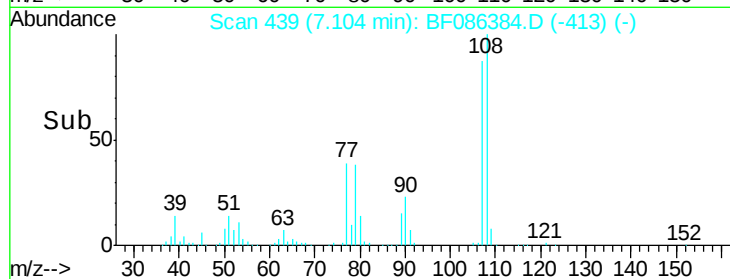
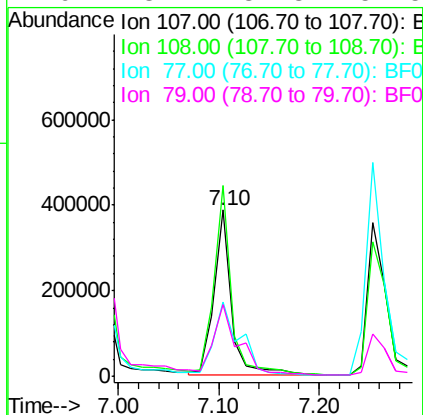
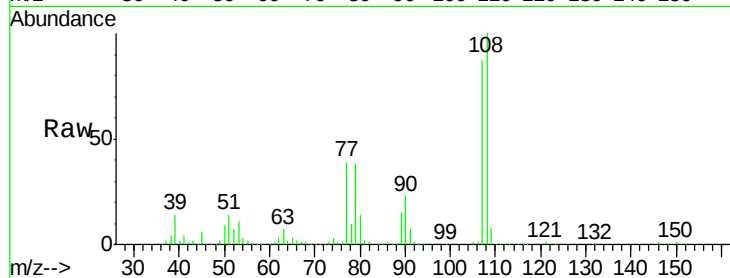




#17
2-Methylphenol
Concen: 46.46 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

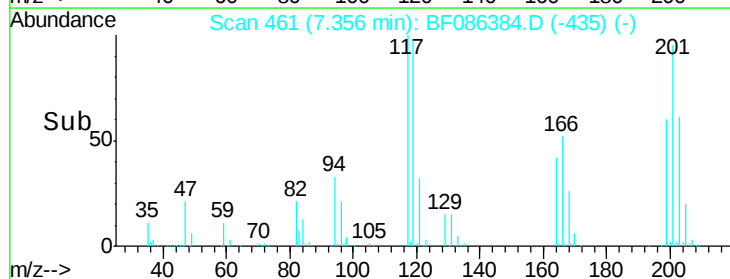
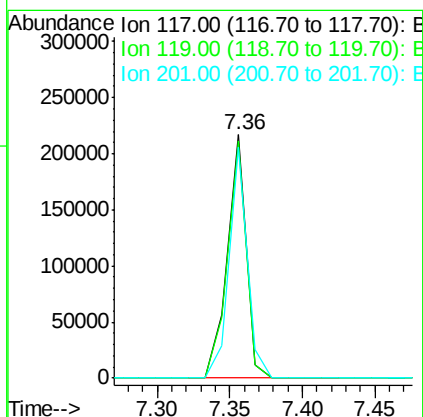
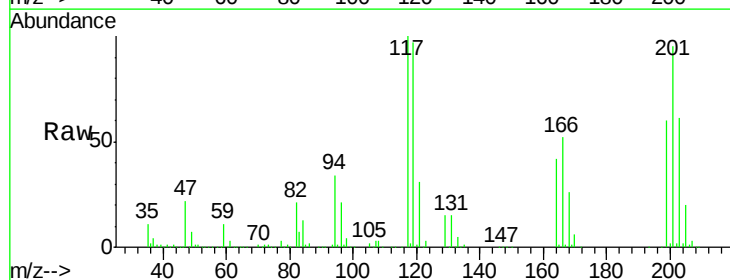
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

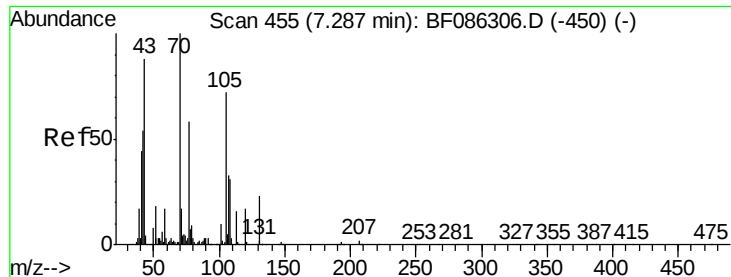
Tgt Ion:	107	Resp:	468242
Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.7	140.5
77	45.1	33.4	50.0
79	43.1	34.3	51.5



#18
Hexachloroethane
Concen: 40.50 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:	117	Resp:	196536
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.5	114.7
201	95.0	63.0	94.6#

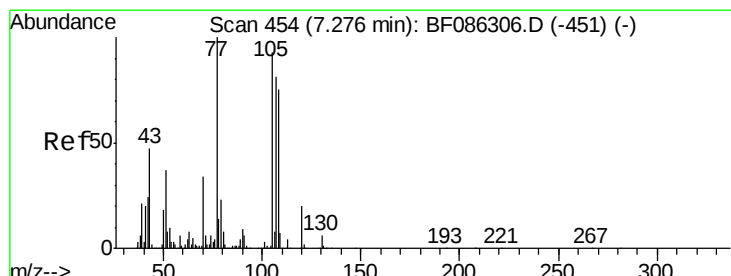
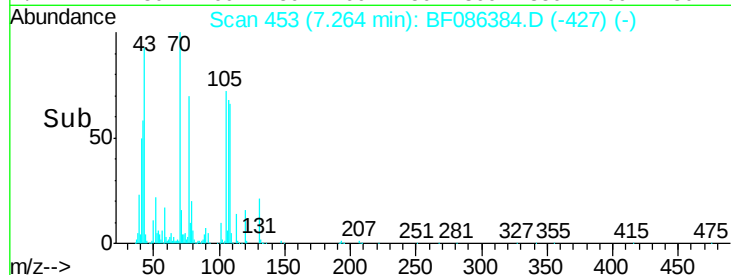
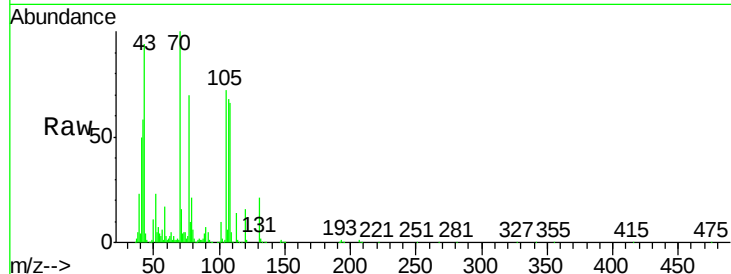
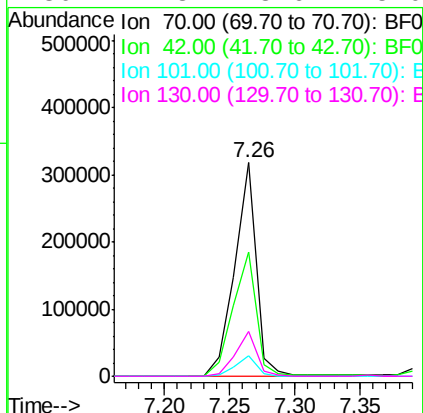




#19
n-Nitroso-di-n-propylamine
Concen: 44.83 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

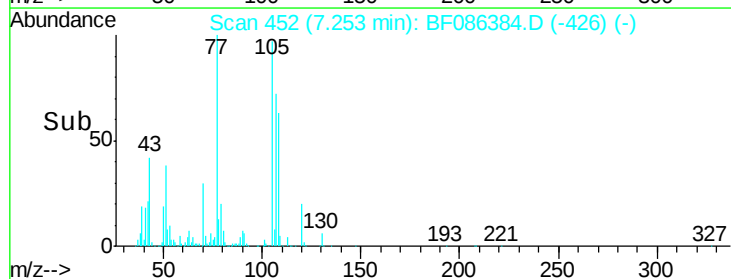
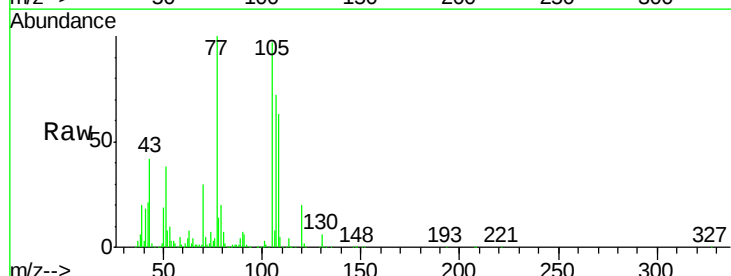
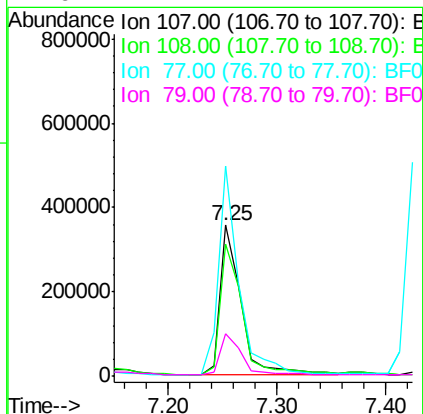
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

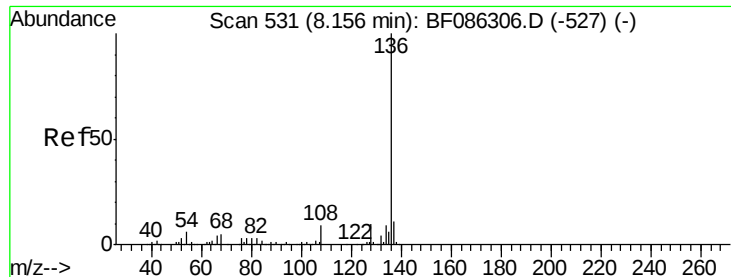
Tgt Ion:	70	Resp:	366906
Ion	Ratio	Lower	Upper
70	100		
42	58.4	43.1	64.7
101	9.6	8.1	12.1
130	21.3	18.6	28.0



#20
3+4-Methylphenols
Concen: 44.61 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:	107	Resp:	476624
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.5	108.5
77	139.3	101.6	141.6
79	27.7	7.4	47.4

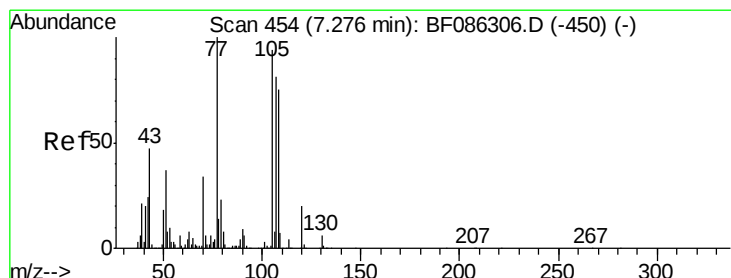
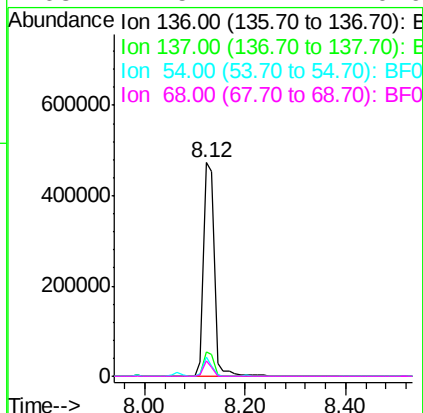
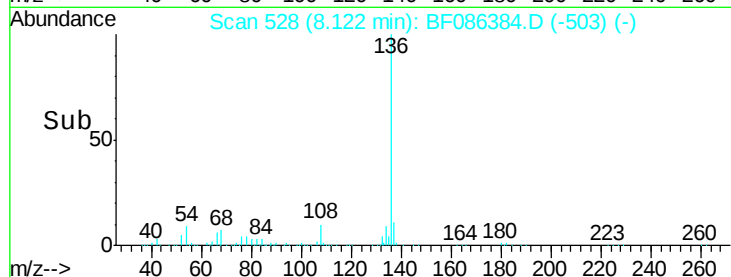
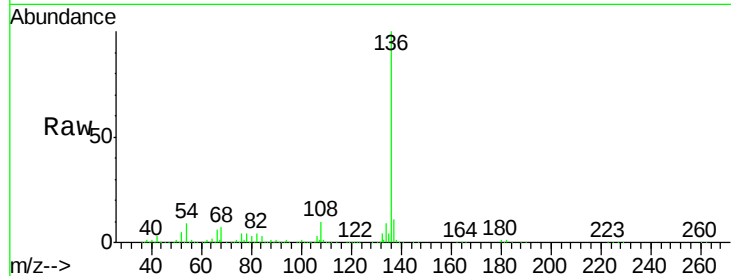




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

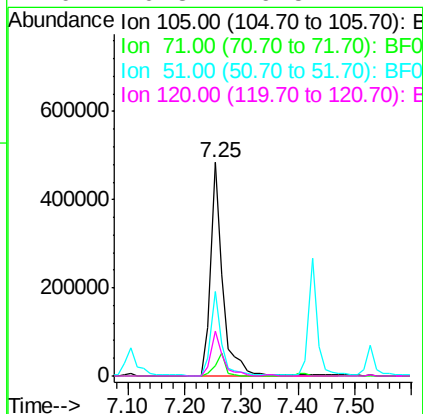
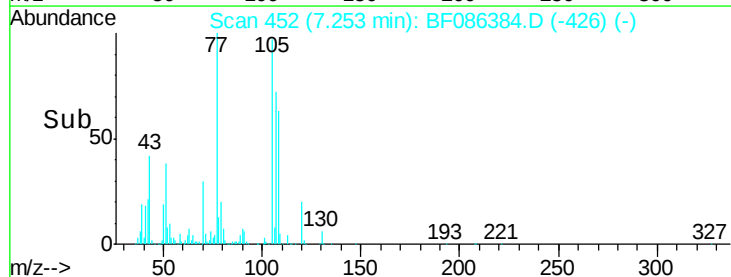
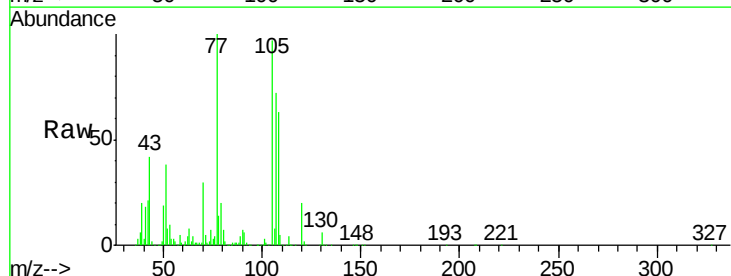
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

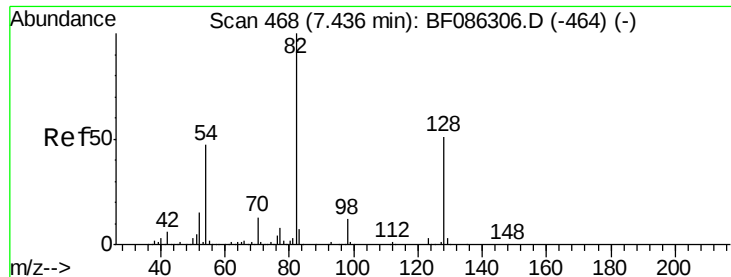
Tgt Ion:	136	Resp:	715765
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.9	5.0	7.4#
68	7.5	4.4	6.6#



#22
Acetophenone
Concen: 46.72 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:	105	Resp:	701473
Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.8	7.2
51	39.4	32.6	49.0
120	20.8	16.5	24.7

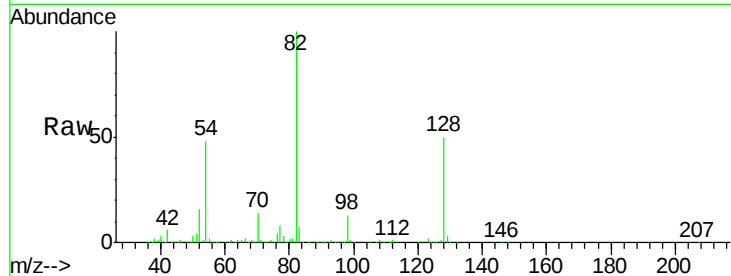




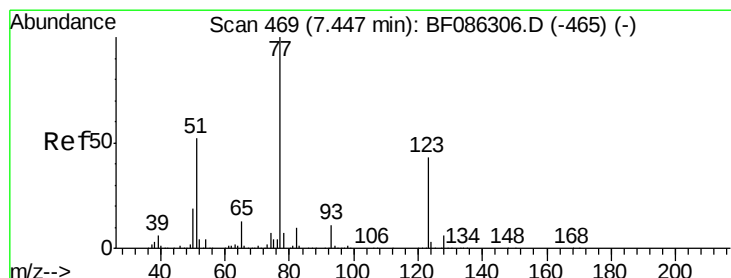
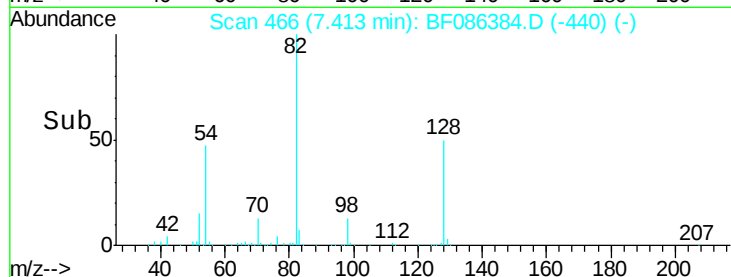
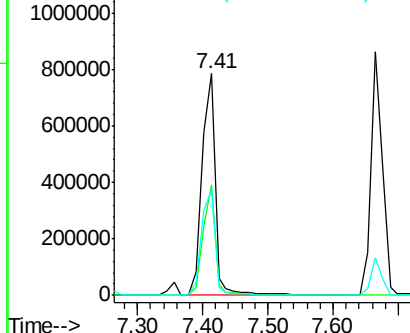
#23
 Nitrobenzene-d5
 Concen: 91.29 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tgt Ion: 82 Resp: 1103085
 Ion Ratio Lower Upper
 82 100
 128 50.0 40.6 61.0
 54 47.7 38.1 57.1

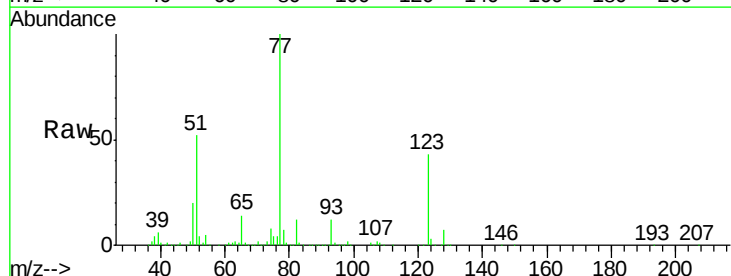


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

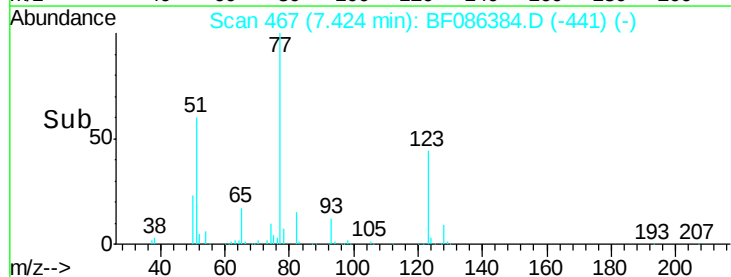
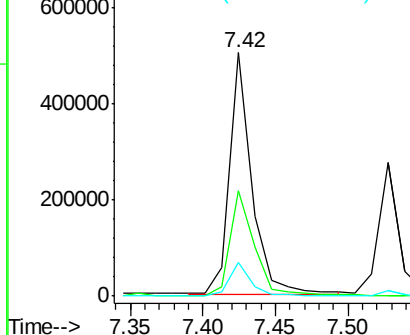


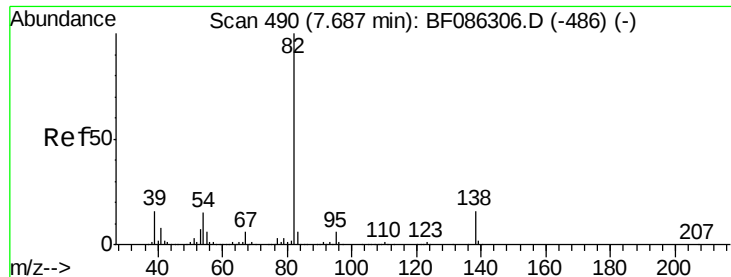
#24
 Nitrobenzene
 Concen: 41.70 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion: 77 Resp: 540526
 Ion Ratio Lower Upper
 77 100
 123 43.5 33.0 49.4
 65 13.7 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.73 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

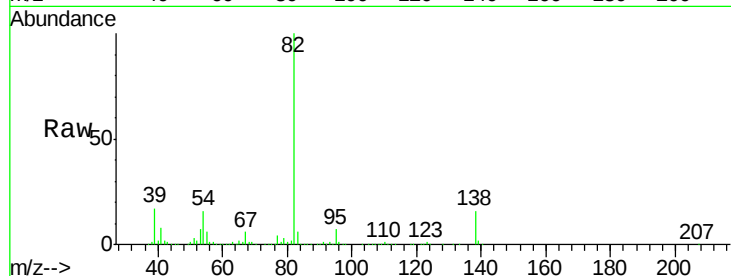
Tgt Ion: 82 Resp: 1011749

Ion Ratio Lower Upper

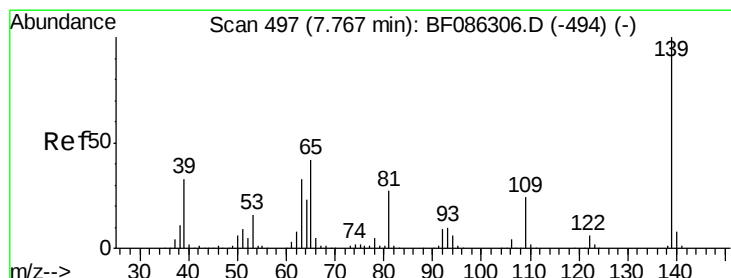
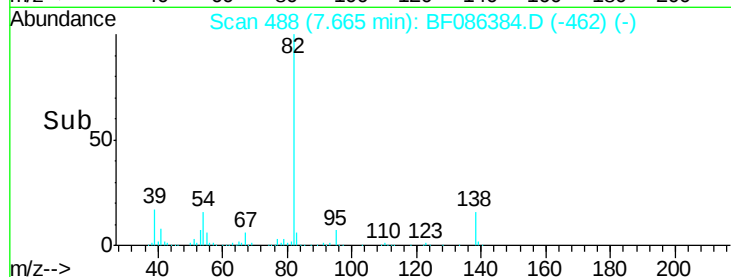
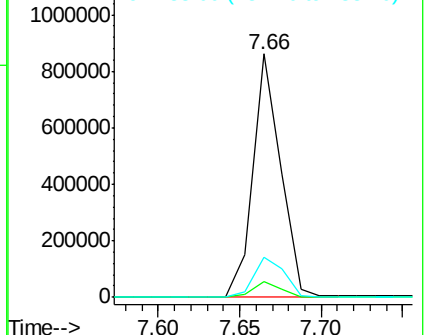
82 100

95 6.7 5.1 7.7

138 16.4 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: 49.35 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

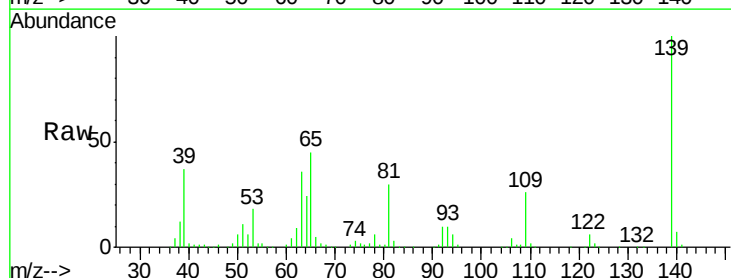
Tgt Ion: 139 Resp: 315985

Ion Ratio Lower Upper

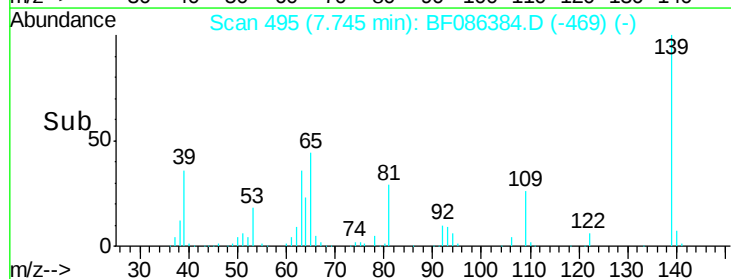
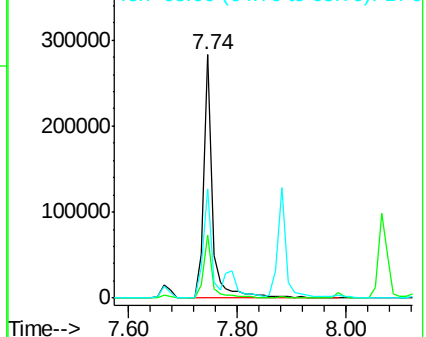
139 100

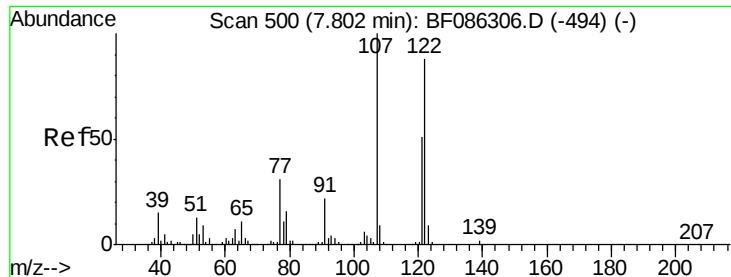
109 25.8 19.5 29.3

65 45.1 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: 51.30 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

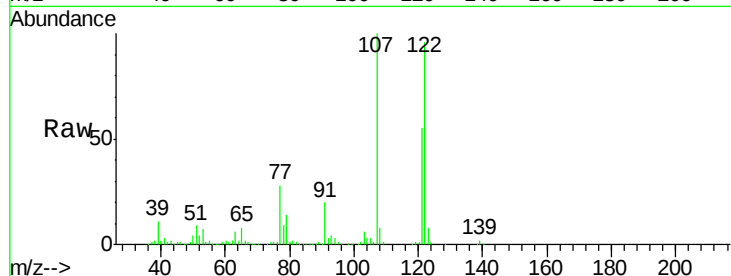
Tgt Ion:122 Resp: 562489

Ion Ratio Lower Upper

122 100

107 104.4 82.0 123.0

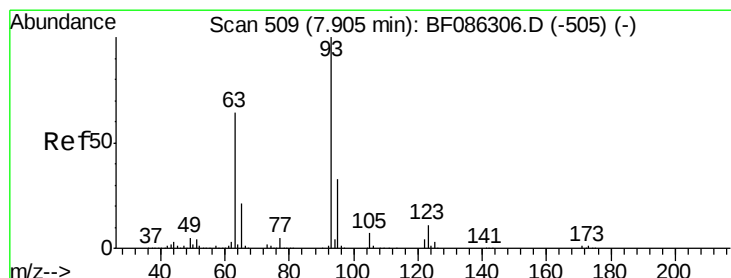
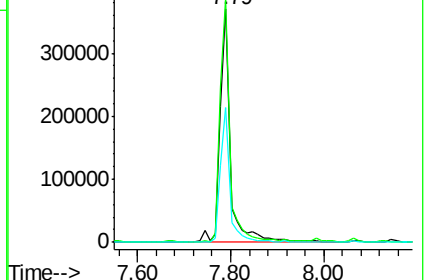
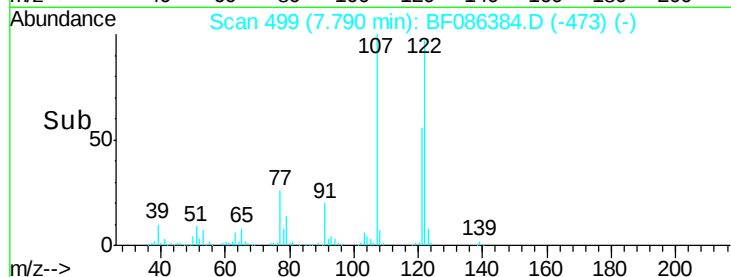
121 57.9 46.1 69.1



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: 49.51 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

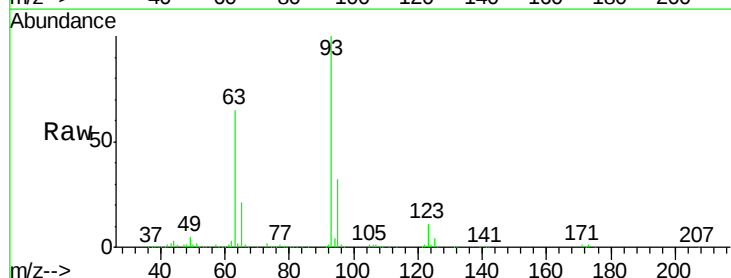
Tgt Ion: 93 Resp: 654634

Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

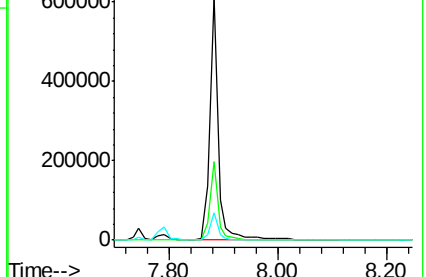
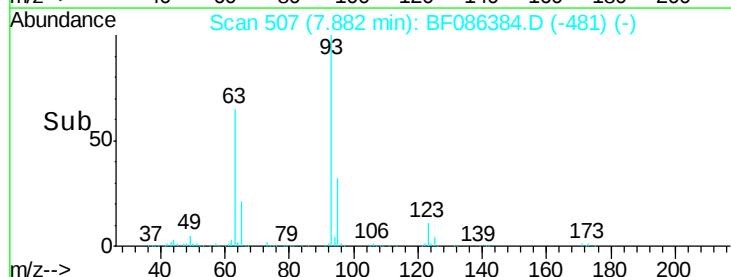
123 11.1 9.5 14.3

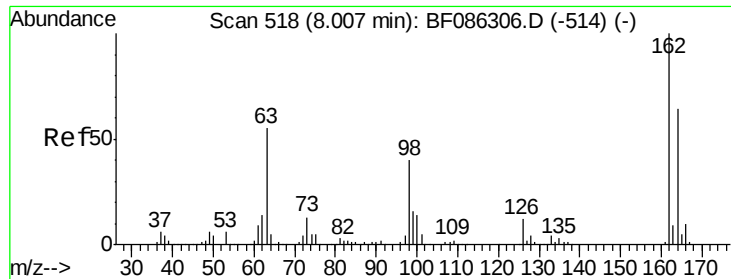


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

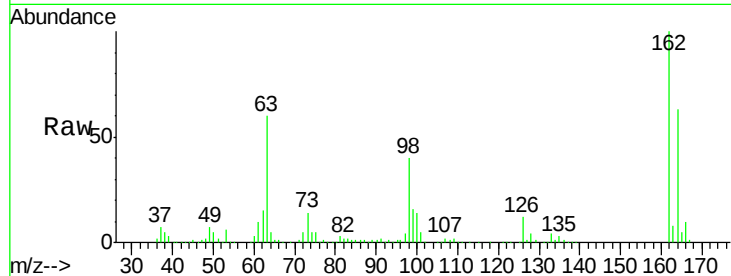




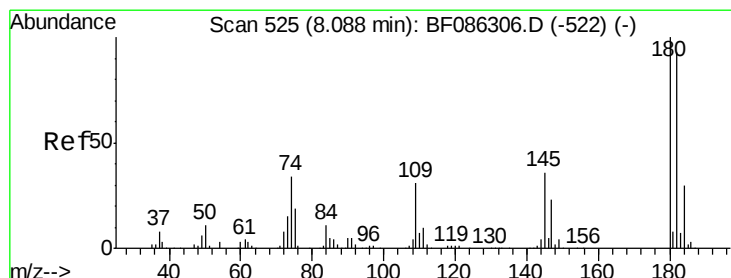
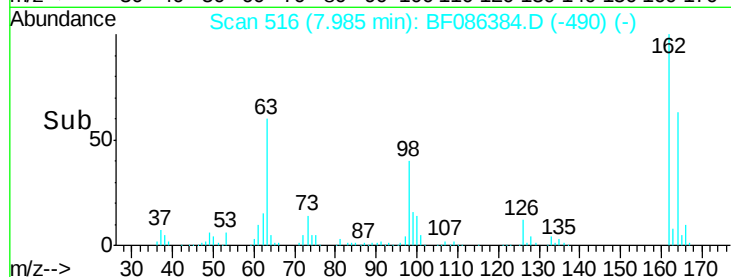
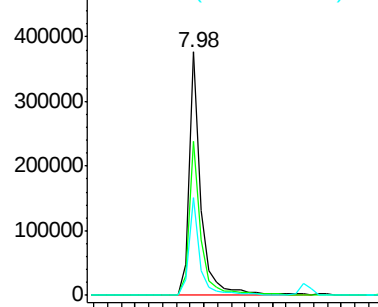
#29
 2,4-Dichlorophenol
 Concen: 50.68 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.2	82.2
98	40.1	19.0	59.0

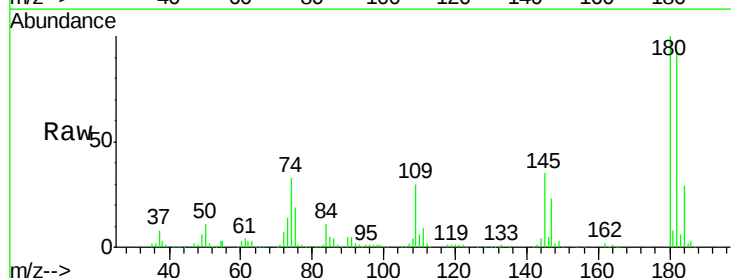


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

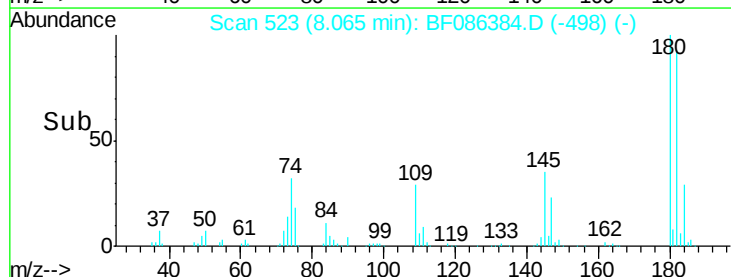
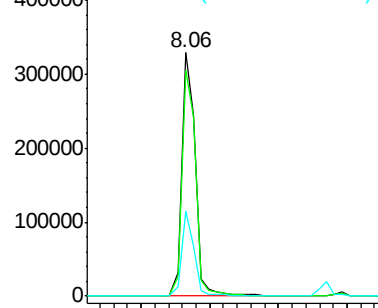


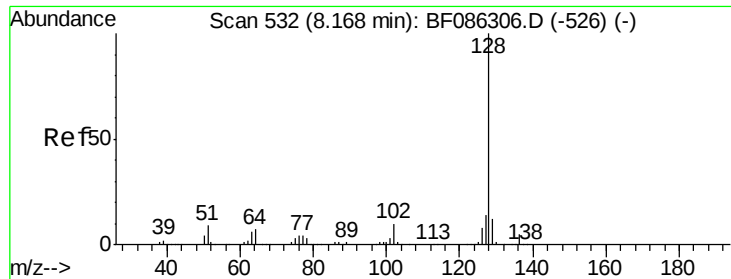
#30
 1,2,4-Trichlorobenzene
 Concen: 46.10 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	78.0	117.0
145	35.0	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

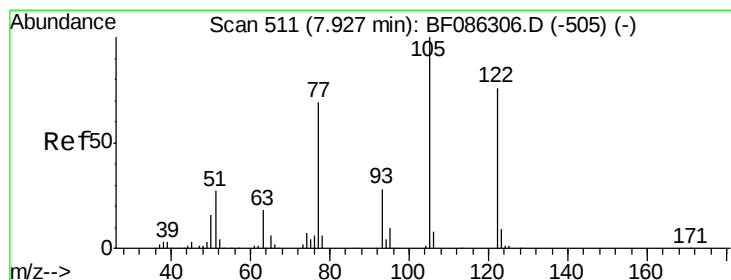
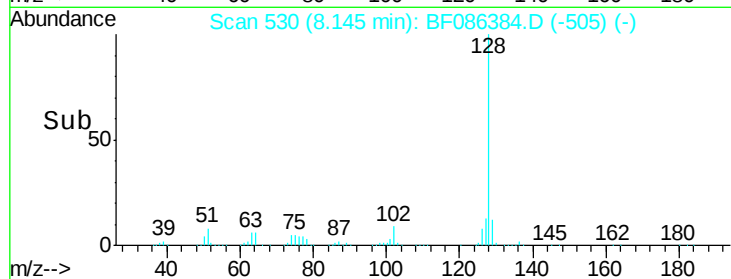
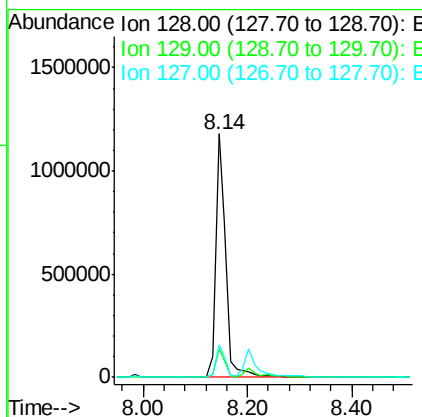
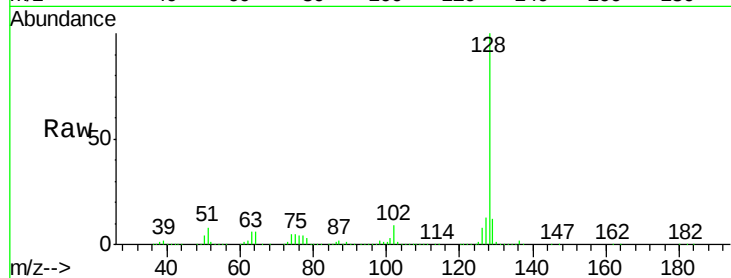




#31
Naphthalene
Concen: 42.81 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

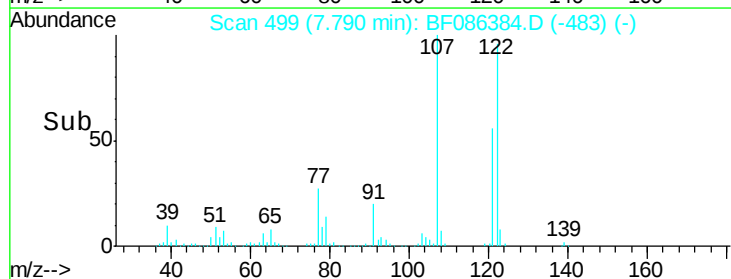
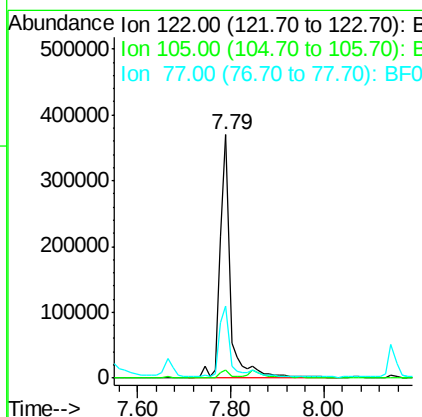
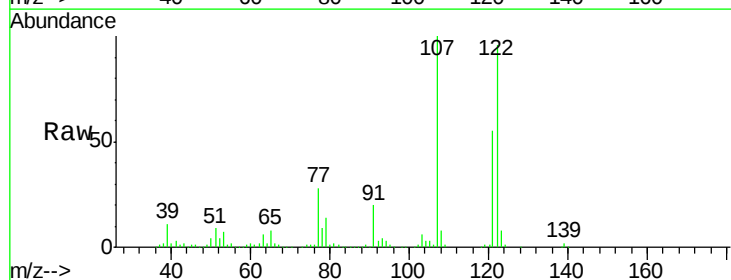
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

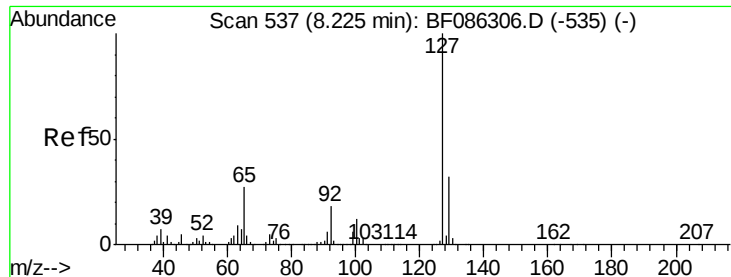
Tgt Ion:128 Resp: 1561091
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 80.24 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.11 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:122 Resp: 562489
Ion Ratio Lower Upper
122 100
105 3.4 92.6 132.6#
77 29.7 60.0 100.0#

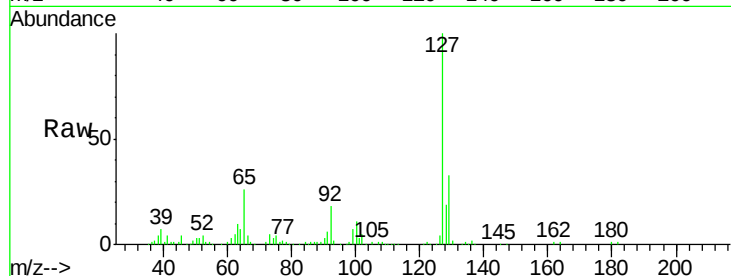




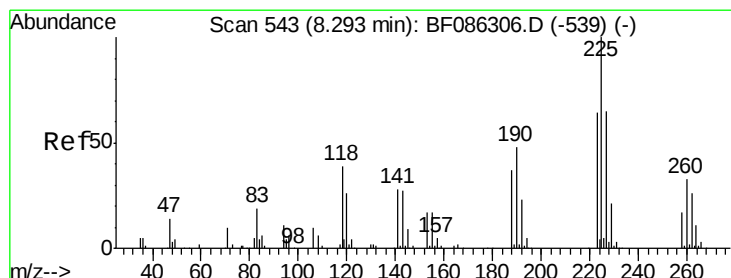
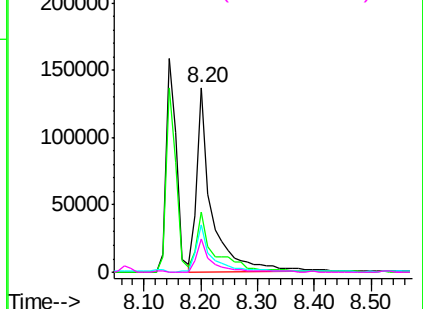
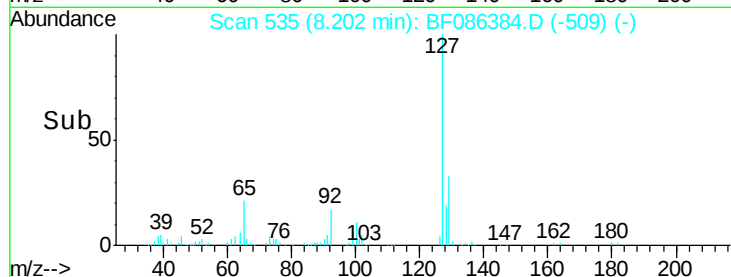
#33
4-Chloroaniline
Concen: 17.32 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tgt Ion:	127	Resp:	246013
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	25.7	23.0	34.4
92	17.8	15.1	22.7

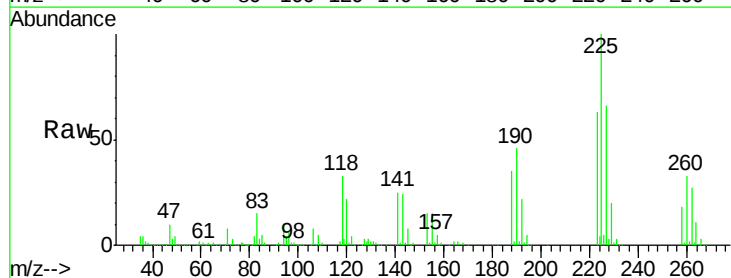


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

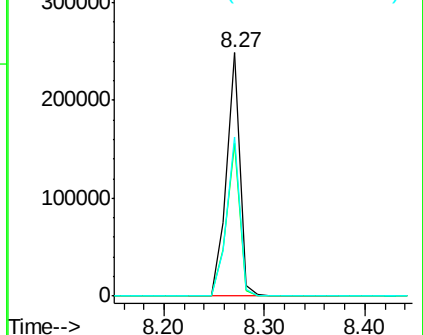
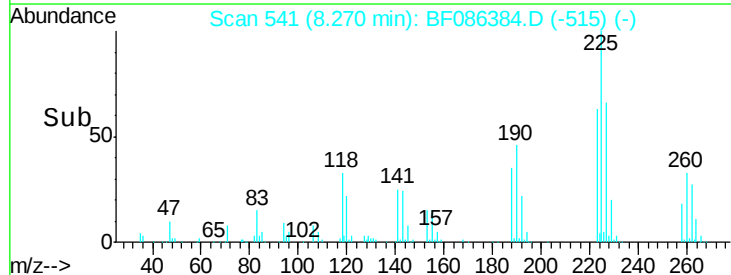


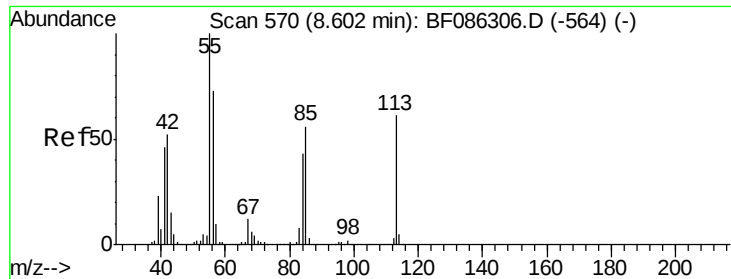
#34
Hexachlorobutadiene
Concen: 47.13 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:	225	Resp:	231693
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.5	77.3
227	65.5	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

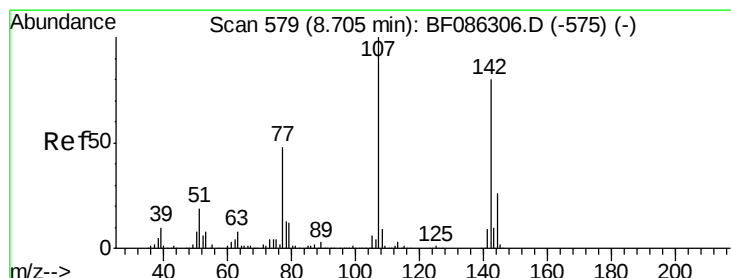
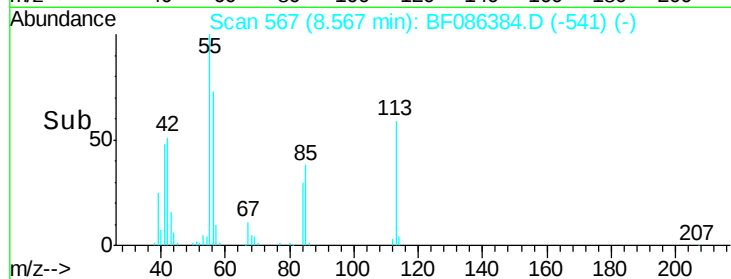
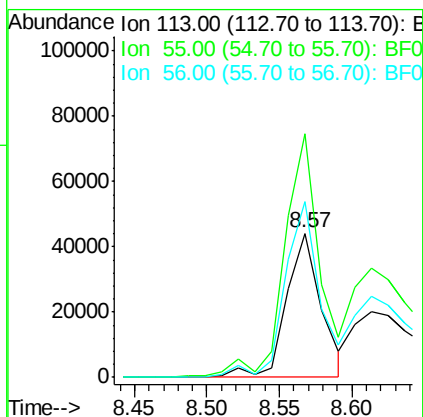
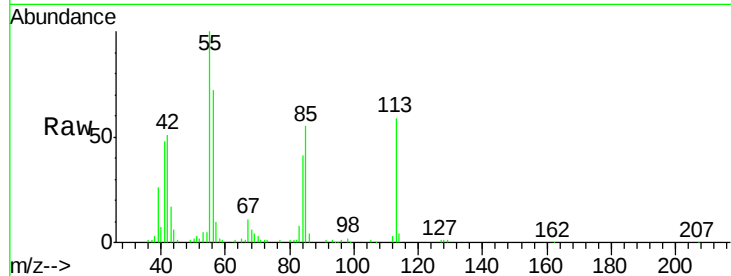




#35
 Caprolactam
 Concen: 22.56 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

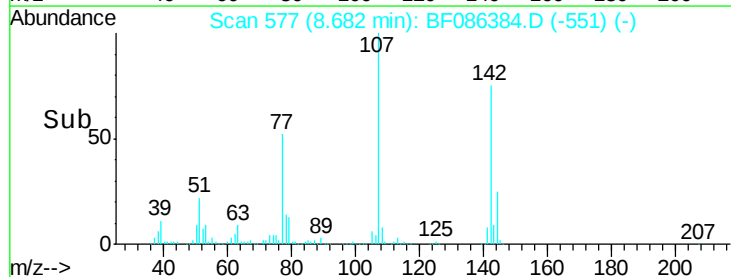
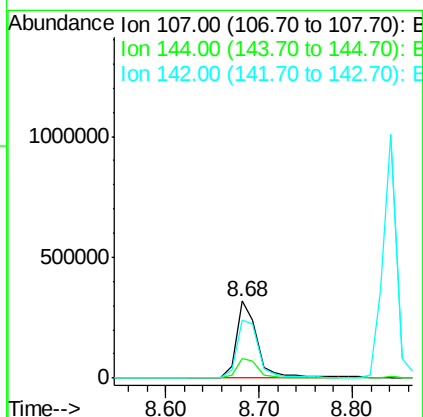
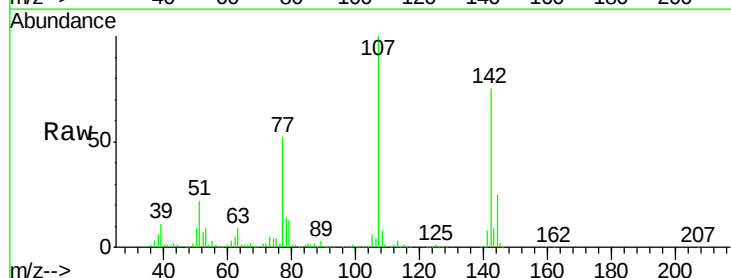
Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

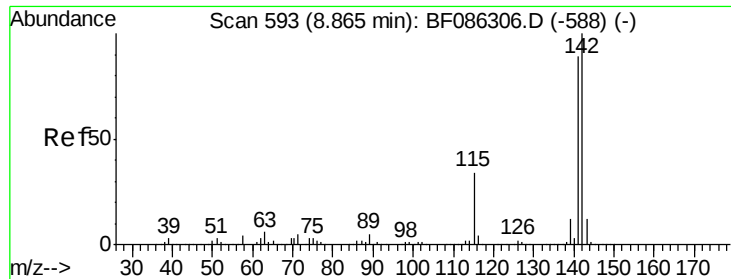
Tgt Ion:113 Resp: 73371
 Ion Ratio Lower Upper
 113 100
 55 169.0 162.0 202.0
 56 122.3 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.48 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion:107 Resp: 489966
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.7 31.1
 142 75.1 63.2 94.8

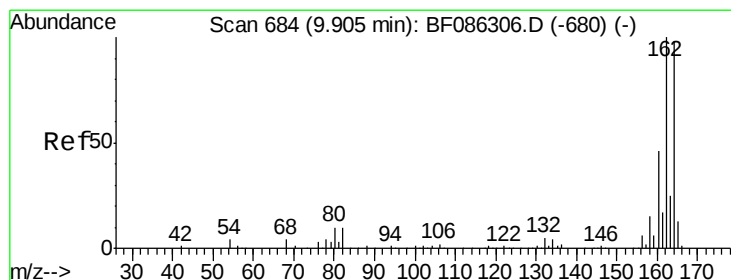
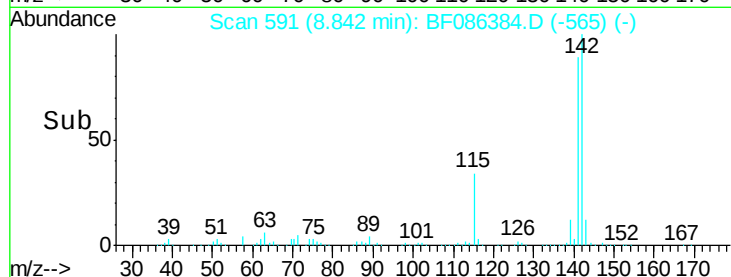
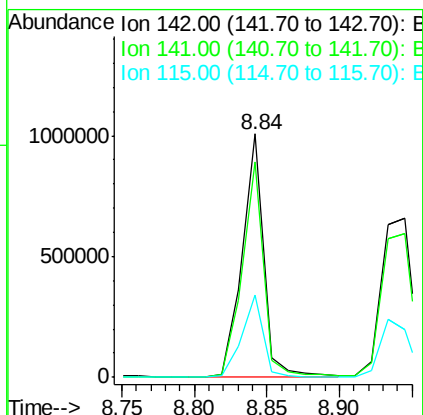
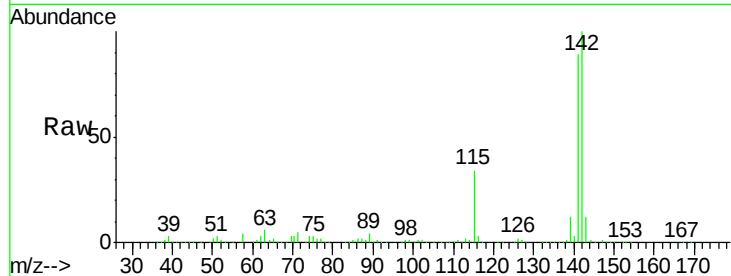




#37
 2-Methylnaphthalene
 Concen: 49.50 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

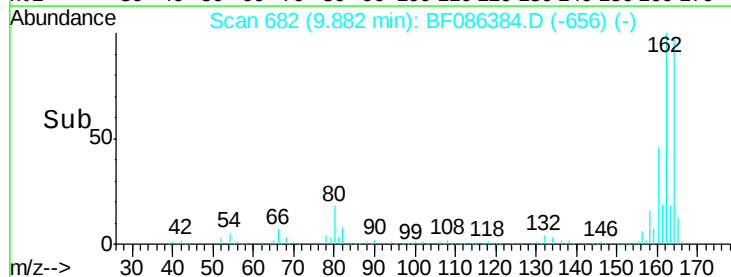
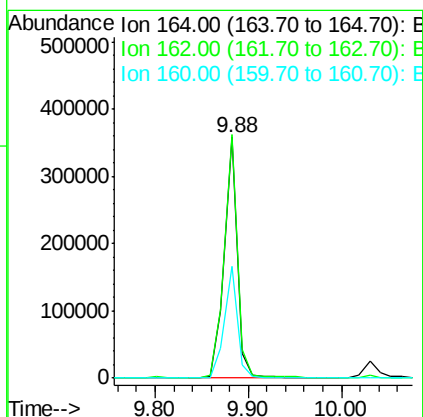
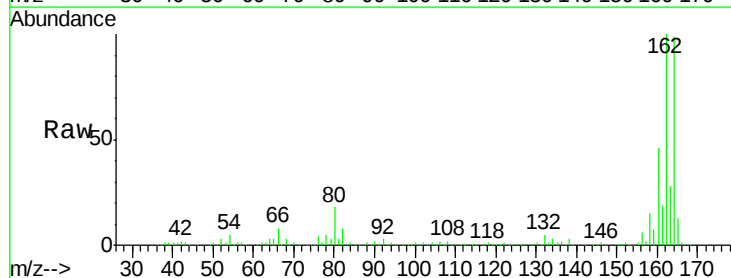
Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

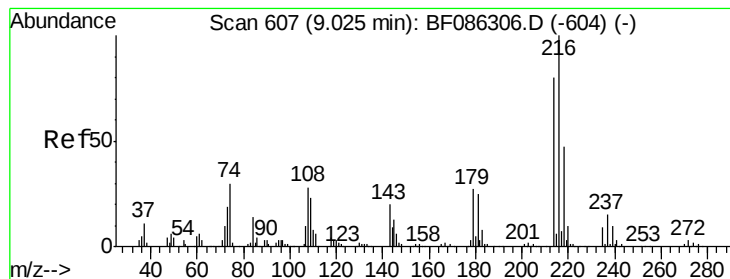
Tgt Ion:142 Resp: 1041002
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.0 106.6
 115 33.8 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion:164 Resp: 350991
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.8 124.2
 160 46.6 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.94 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tgt Ion:216 Resp: 380805

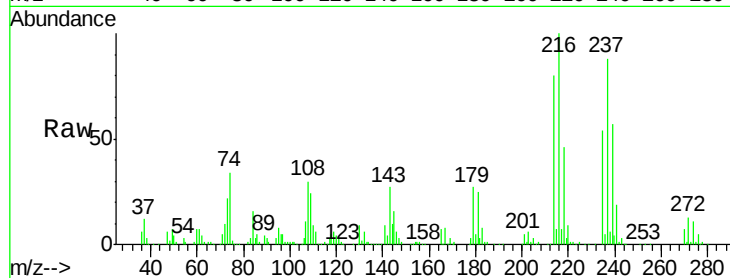
Ion Ratio Lower Upper

216 100

214 78.7 62.6 93.8

179 22.6 18.2 27.4

108 23.9 17.5 26.3

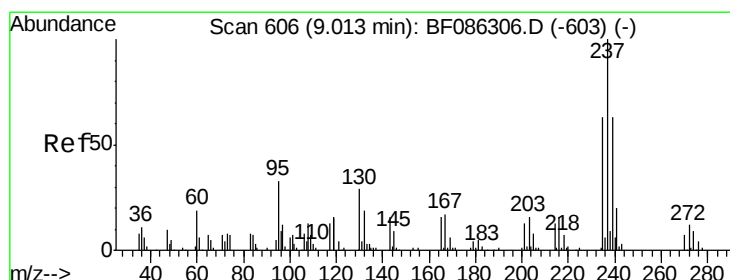
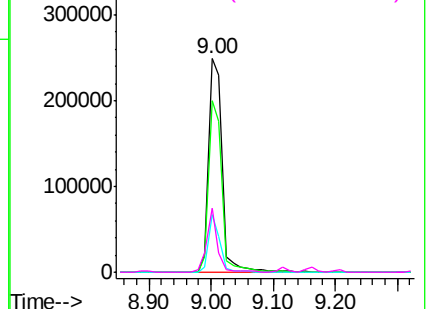
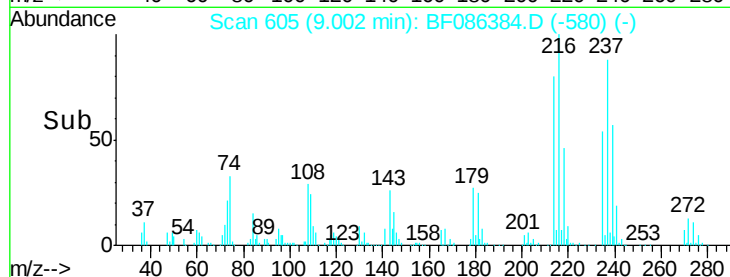


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.85 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

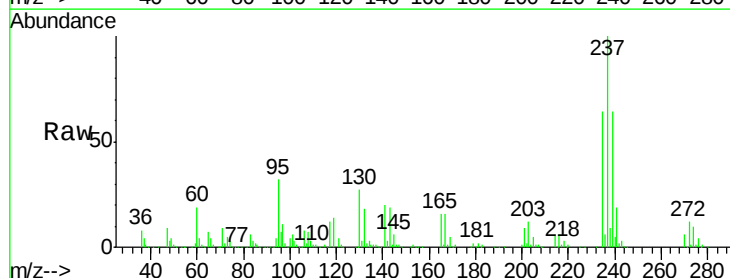
Tgt Ion:237 Resp: 402936

Ion Ratio Lower Upper

237 100

235 64.4 47.2 87.2

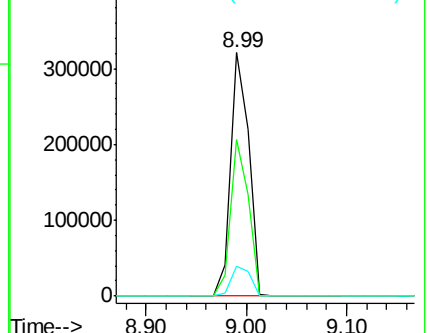
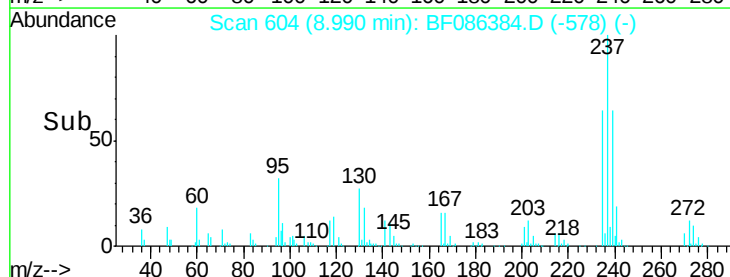
272 12.1 0.0 31.1

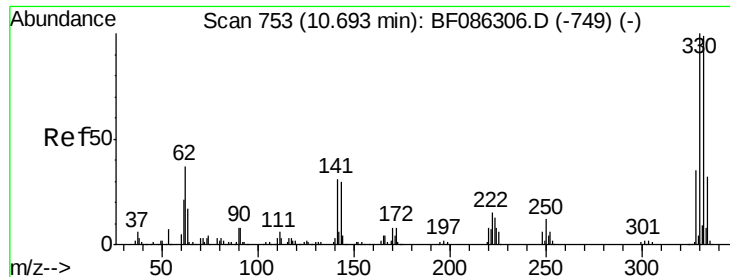


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

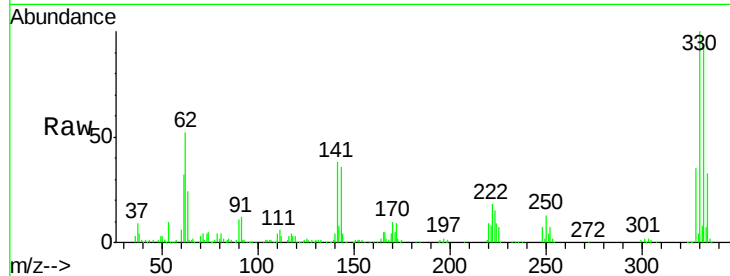




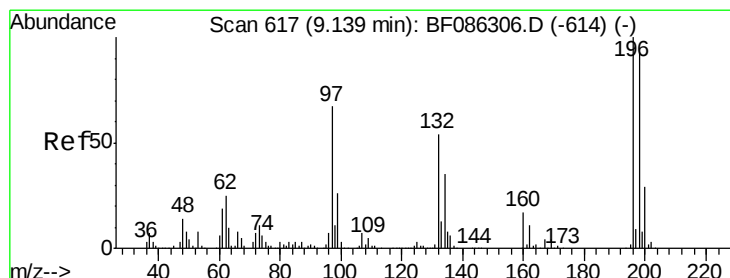
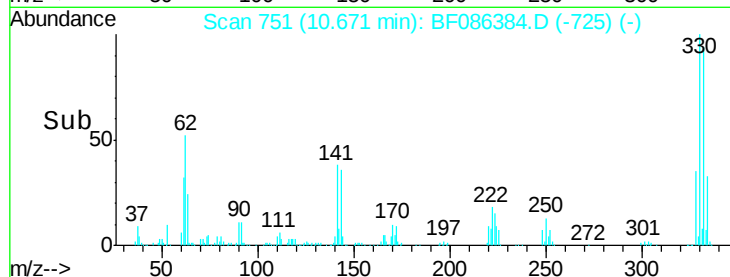
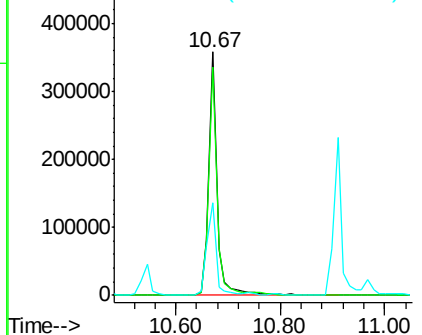
#41
 2,4,6-Tribromophenol
 Concen: 125.40 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.0	118.4
141	40.6	31.2	46.8

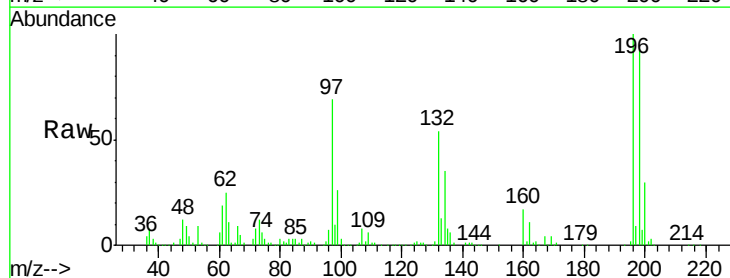


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

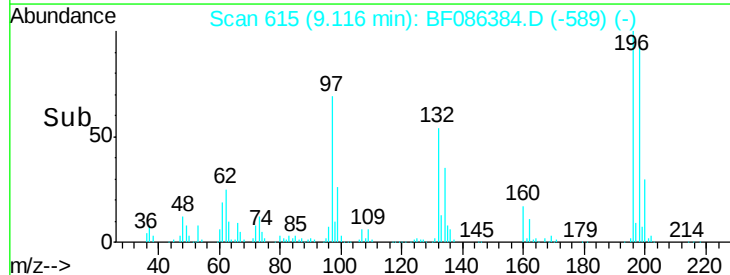
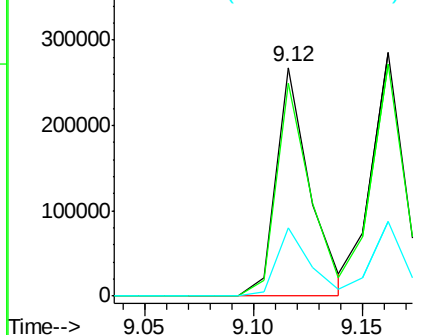


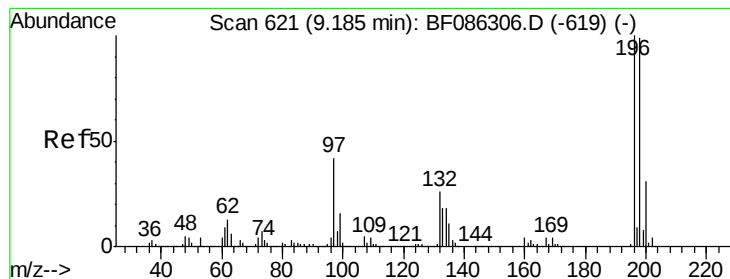
#42
 2,4,6-Trichlorophenol
 Concen: 48.57 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.7	112.1
200	29.8	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

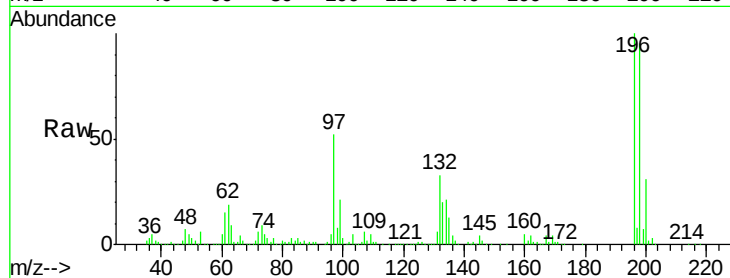




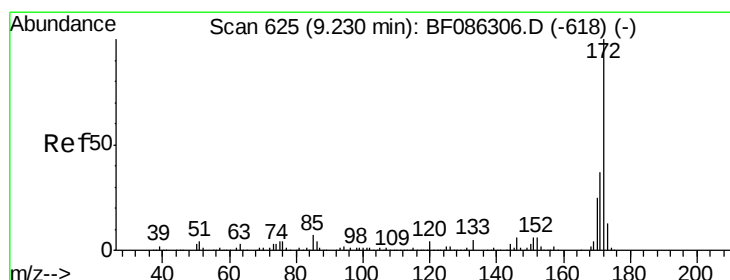
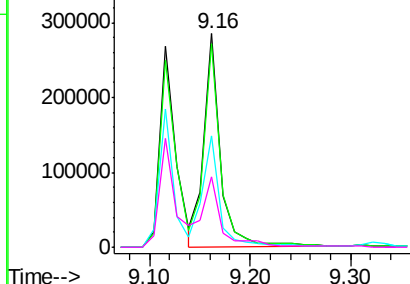
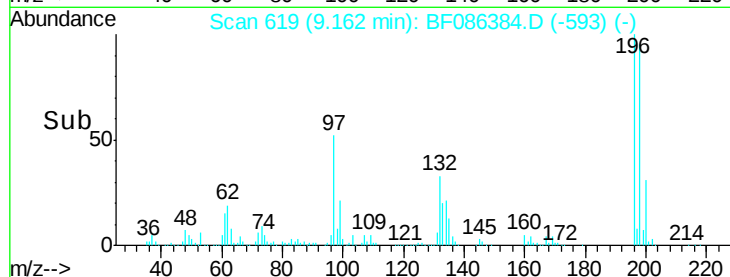
#43
 2,4,5-Trichlorophenol
 Concen: 44.38 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tgt Ion:196 Resp: 325330
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.5 116.3
 97 52.1 34.8 52.2
 132 32.7 23.0 34.4

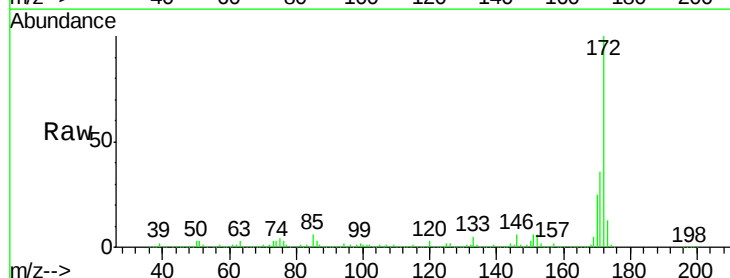


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

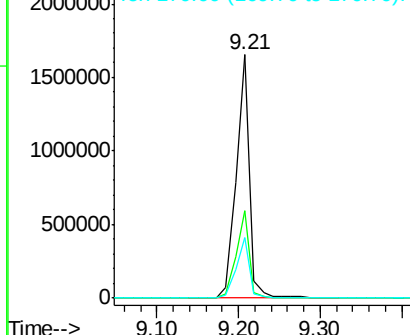
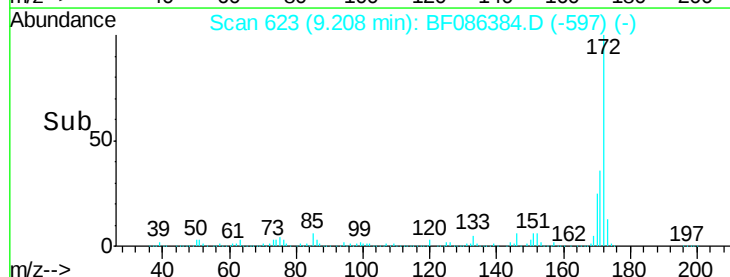


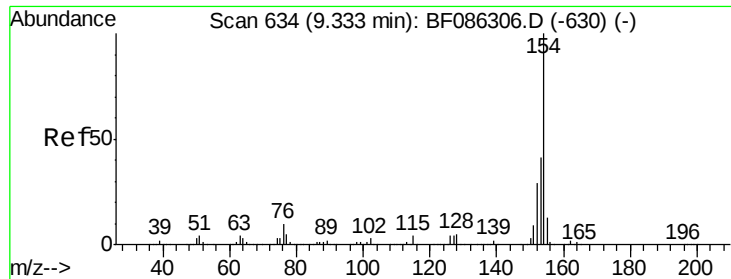
#44
 2-Fluorobiphenyl
 Concen: 91.08 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion:172 Resp: 1873258
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

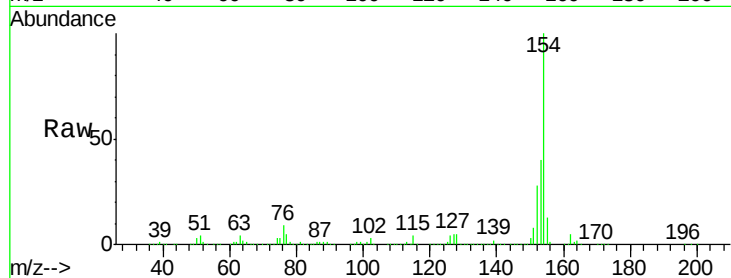




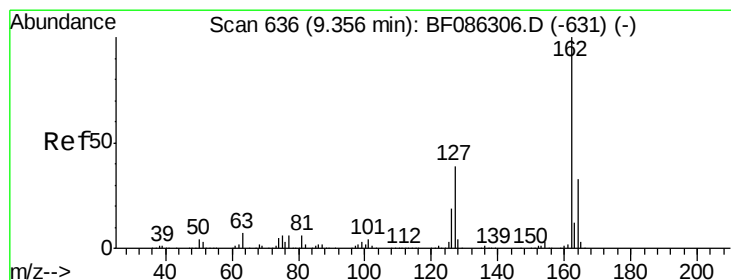
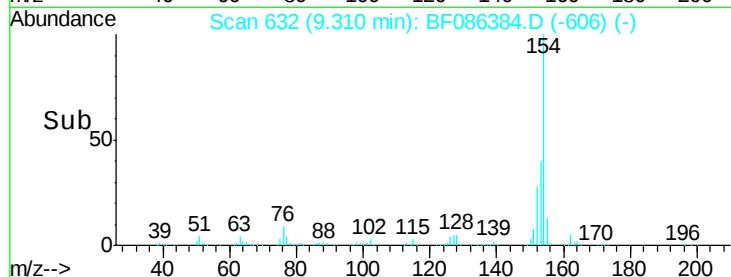
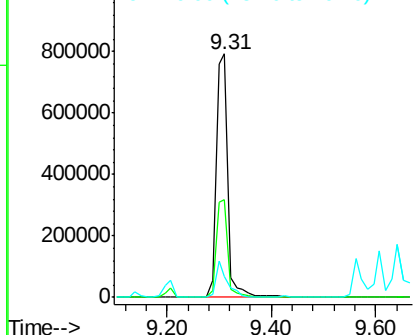
#45
 1,1'-Biphenyl
 Concen: 45.05 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tgt Ion:154 Resp: 1226617
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.3 60.3
 76 8.8 0.0 30.2

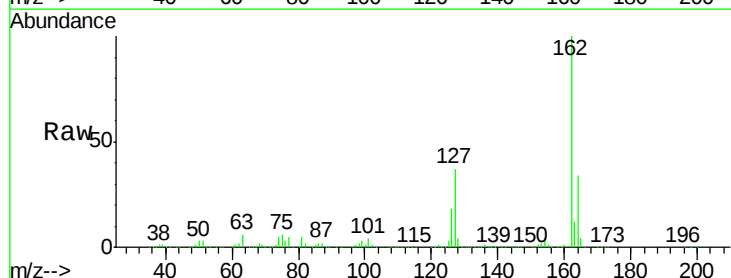


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

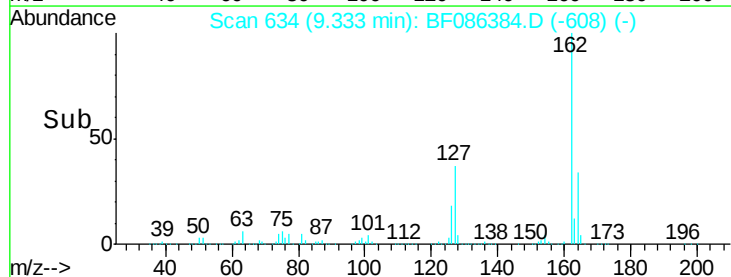
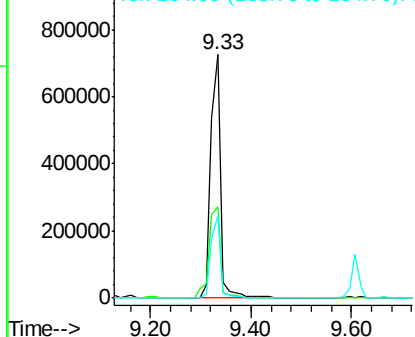


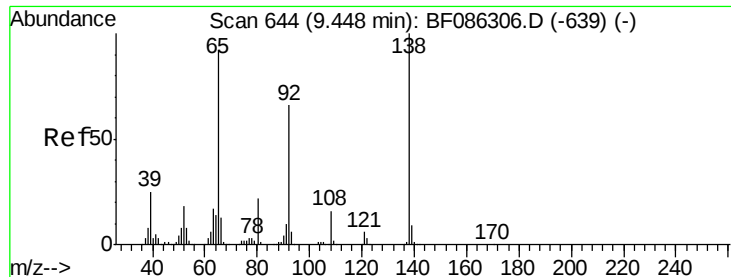
#46
 2-Chloronaphthalene
 Concen: 45.72 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion:162 Resp: 985414
 Ion Ratio Lower Upper
 162 100
 127 37.4 31.8 47.6
 164 33.7 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

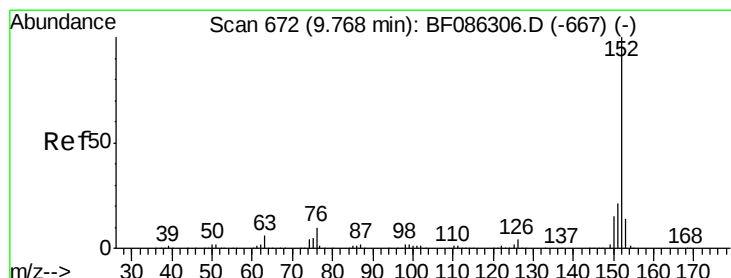
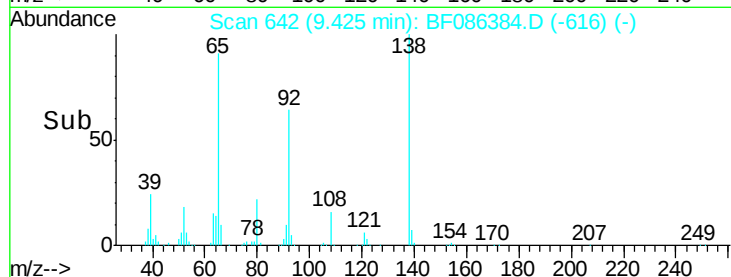
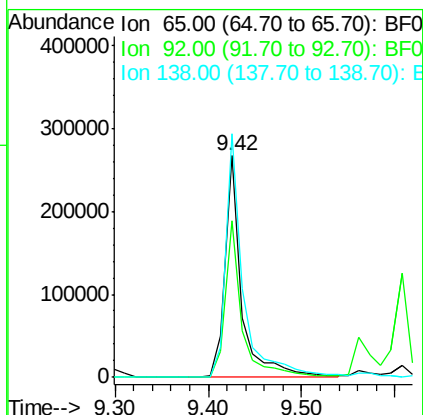
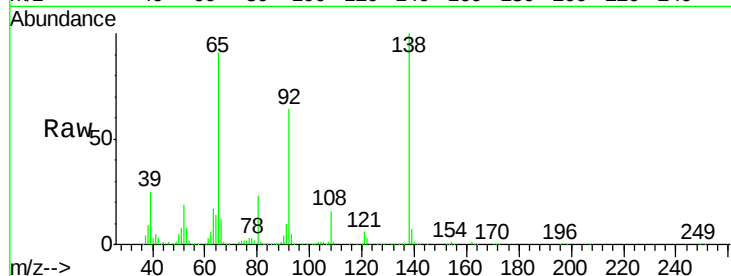




#47
2-Nitroaniline
Concen: 49.75 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

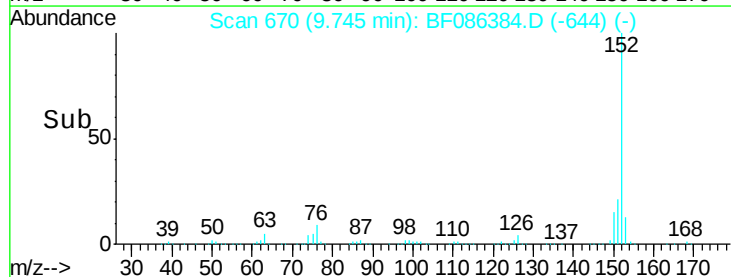
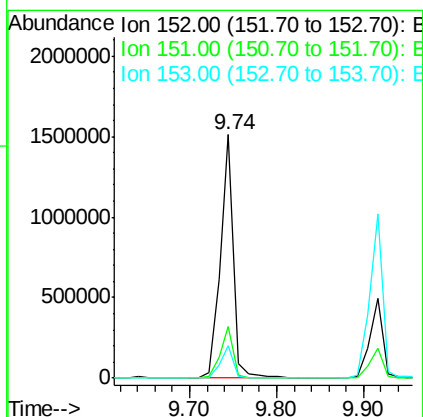
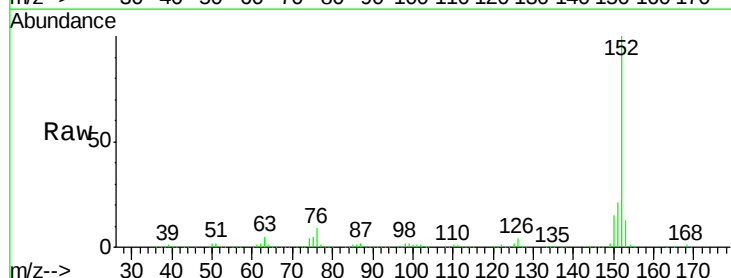
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

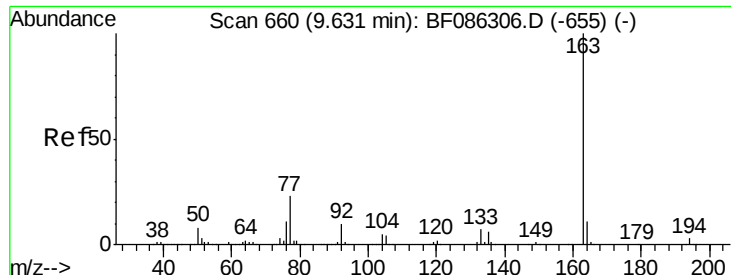
Tgt Ion: 65 Resp: 333912
Ion Ratio Lower Upper
65 100
92 70.6 57.4 86.2
138 109.9 90.1 135.1



#48
Acenaphthylene
Concen: 45.81 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion: 152 Resp: 1600946
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 13.4 10.9 16.3

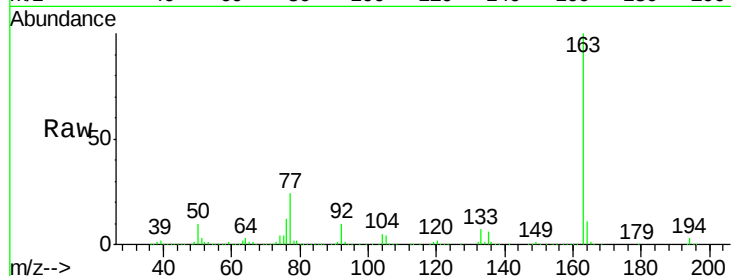




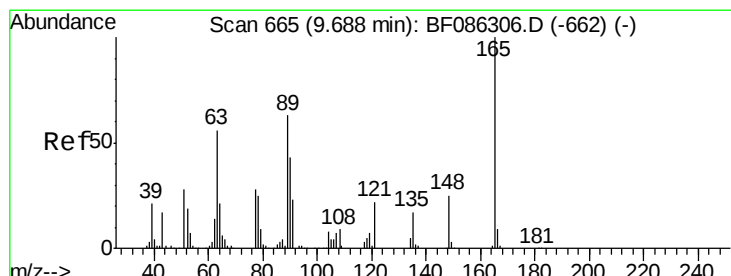
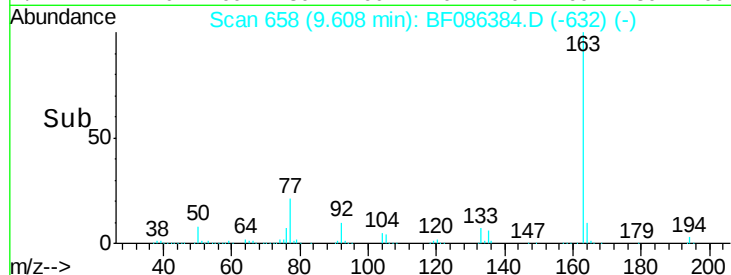
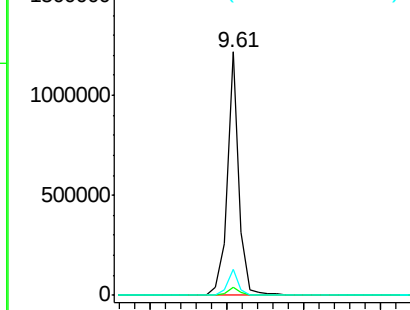
#49
Dimethylphthalate
Concen: 51.60 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tgt Ion:163 Resp: 1308543
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.2 12.4

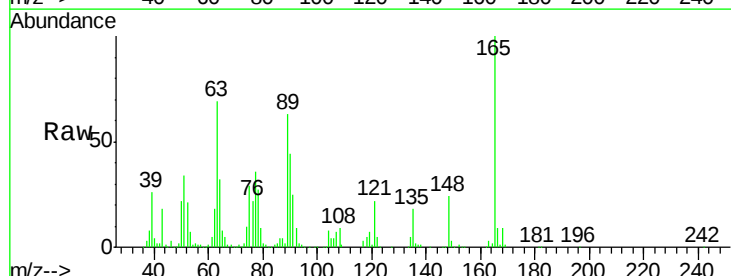


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

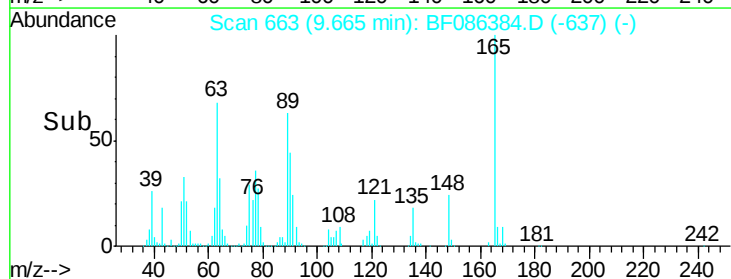
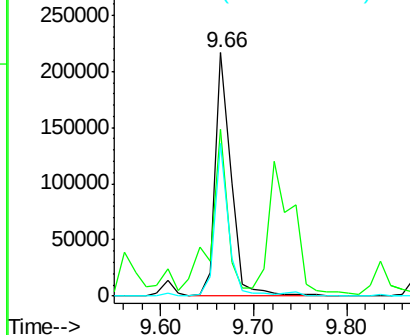


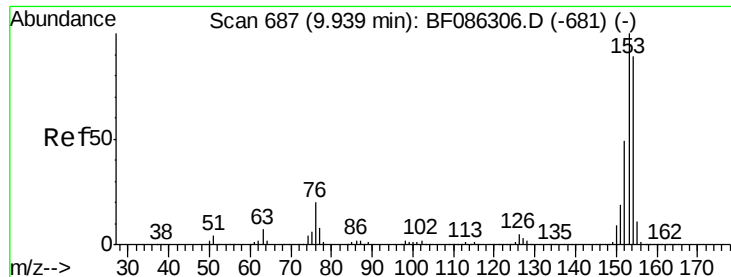
#50
2,6-Dinitrotoluene
Concen: 45.77 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:165 Resp: 250677
Ion Ratio Lower Upper
165 100
63 68.5 51.8 77.8
89 62.8 50.7 76.1



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





#51

Acenaphthene

Concen: 45.96 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

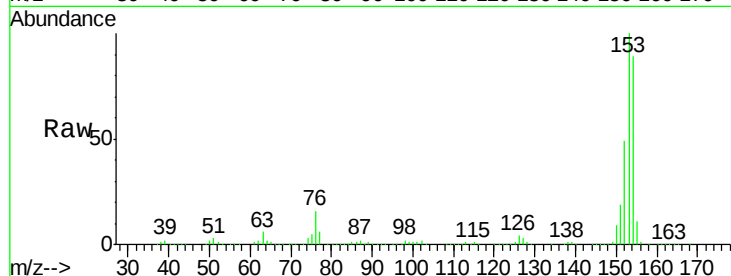
Tgt Ion:154 Resp: 986605

Ion Ratio Lower Upper

154 100

153 112.7 89.8 134.6

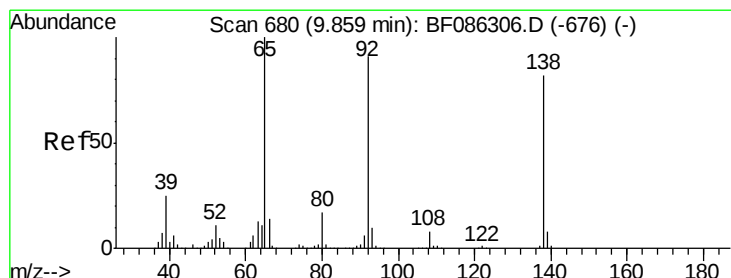
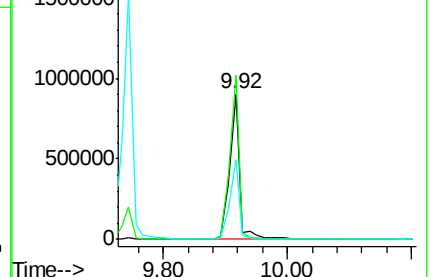
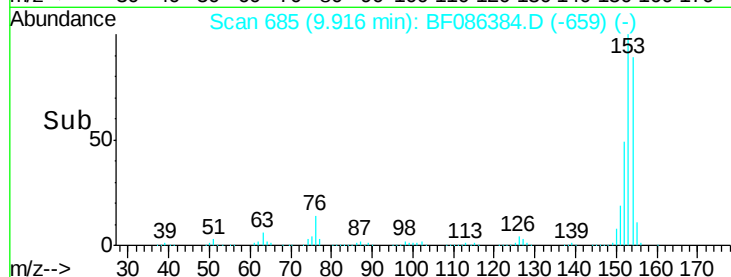
152 54.8 43.4 65.0



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: 35.21 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

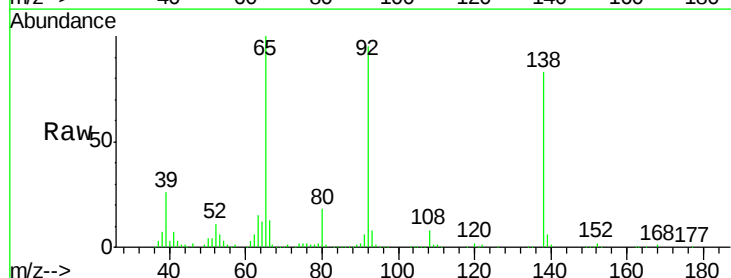
Tgt Ion:138 Resp: 241437

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.6

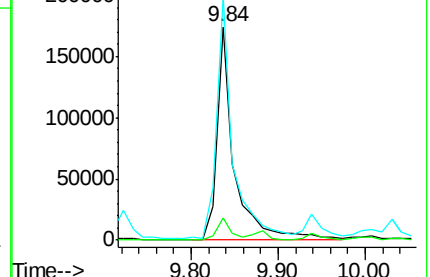
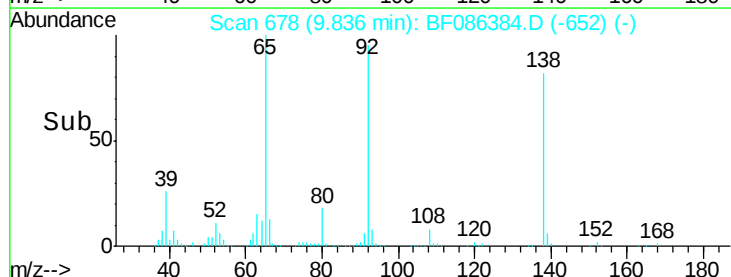
92 114.3 87.8 131.8

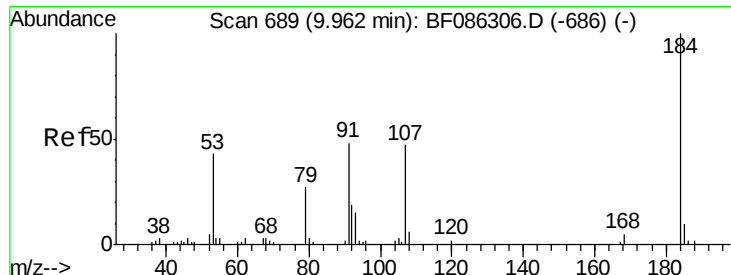


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

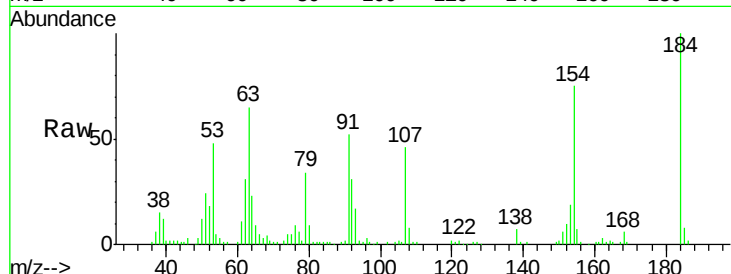




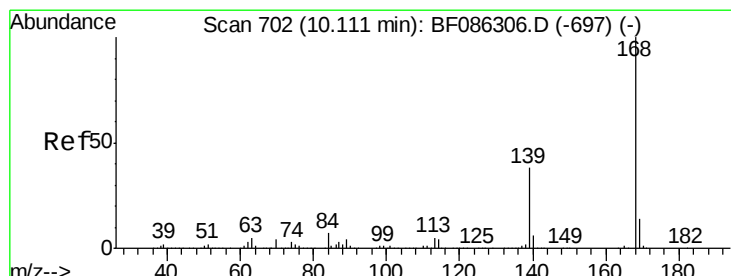
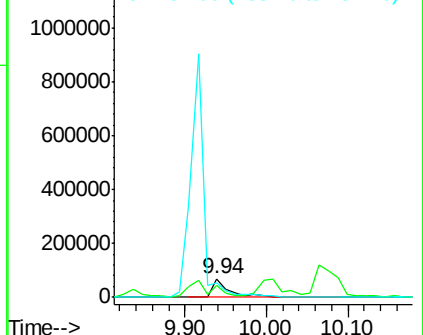
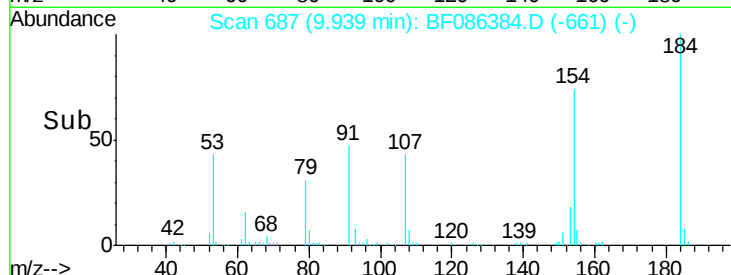
#53
2,4-Dinitrophenol
Concen: 35.81 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tgt Ion:184 Resp: 101963
Ion Ratio Lower Upper
184 100
63 65.2 55.8 83.8
154 75.3 62.4 93.6

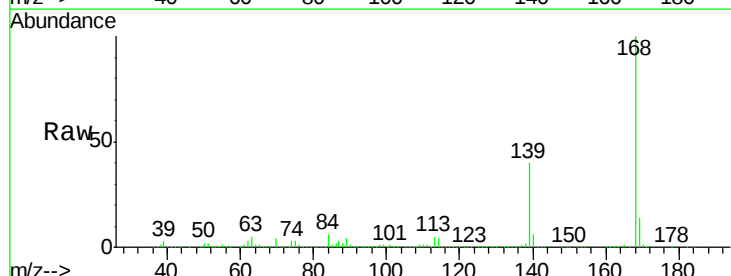


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

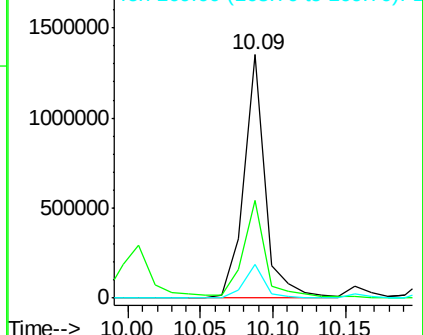
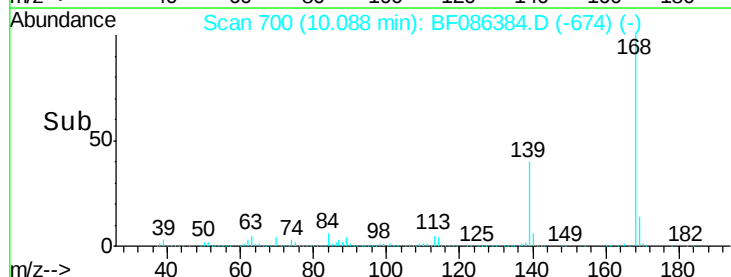


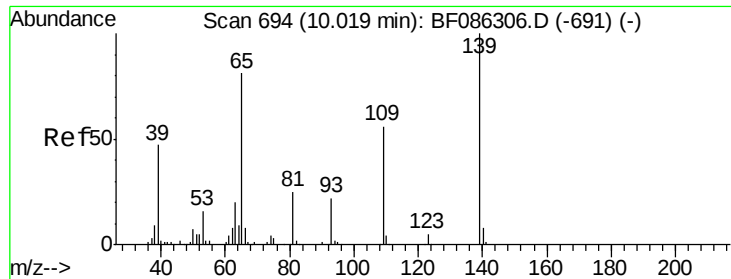
#54
Dibenzofuran
Concen: 49.91 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:168 Resp: 1375923
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.0
169 14.0 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

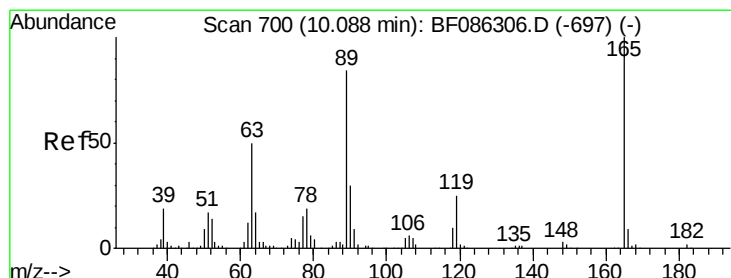
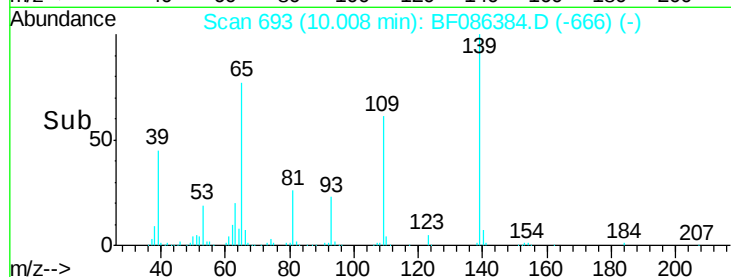
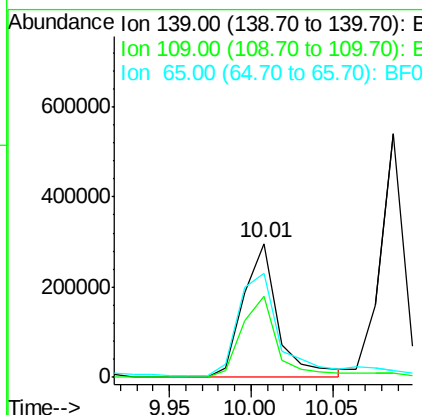
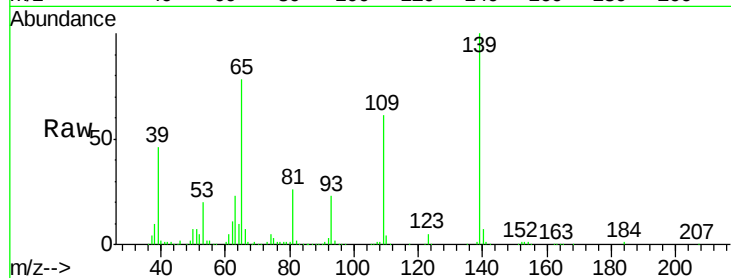




#55
4-Nitrophenol
Concen: 92.13 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

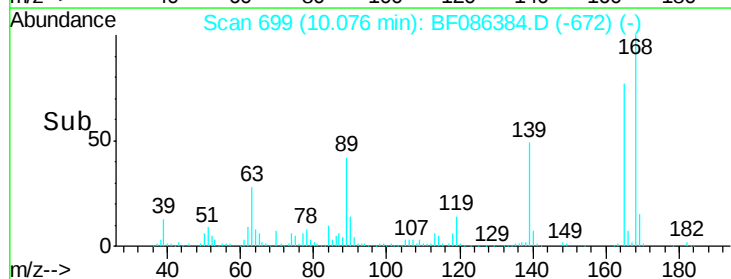
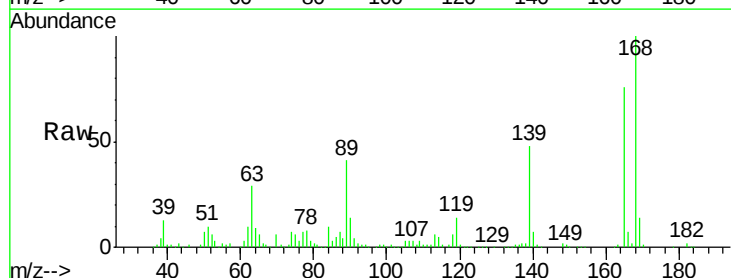
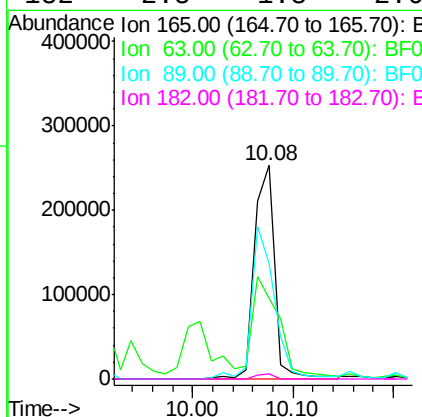
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

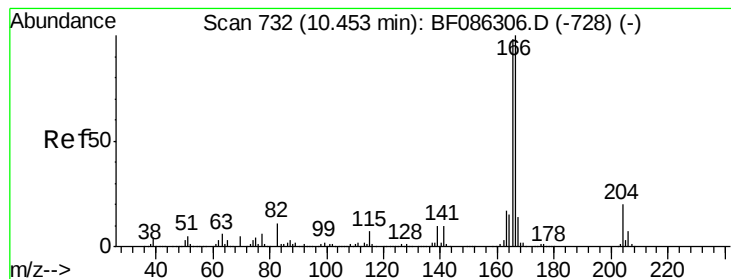
Tgt Ion:139 Resp: 442067
Ion Ratio Lower Upper
139 100
109 60.8 36.9 76.9
65 78.0 64.0 104.0



#56
2,4-Dinitrotoluene
Concen: 48.89 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:165 Resp: 355562
Ion Ratio Lower Upper
165 100
63 37.8 44.3 66.5#
89 54.2 70.0 105.0#
182 2.5 1.8 2.6





#57

Fluorene

Concen: 46.03 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

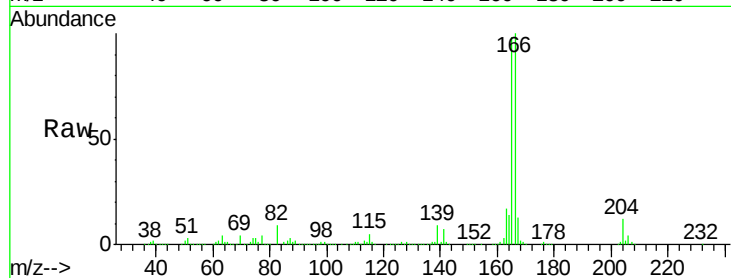
Tgt Ion:166 Resp: 1039791

Ion Ratio Lower Upper

166 100

165 97.8 79.0 118.6

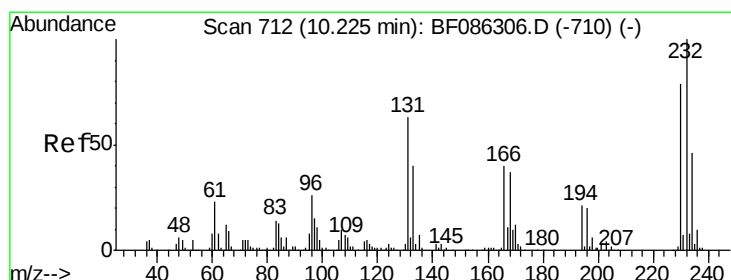
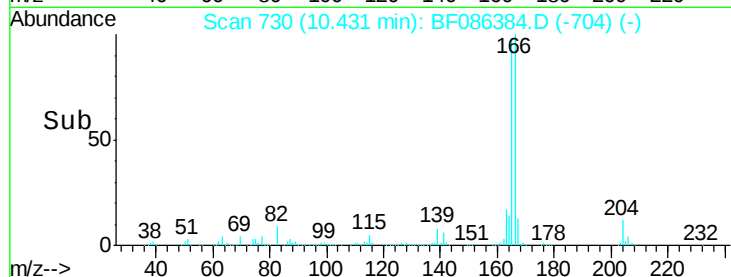
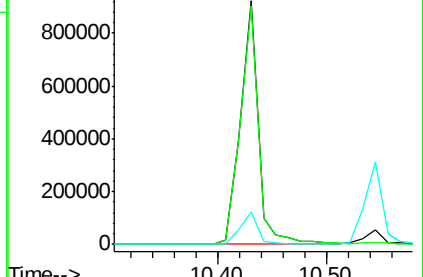
167 13.4 10.6 15.8



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: 48.45 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion:232 Resp: 259626

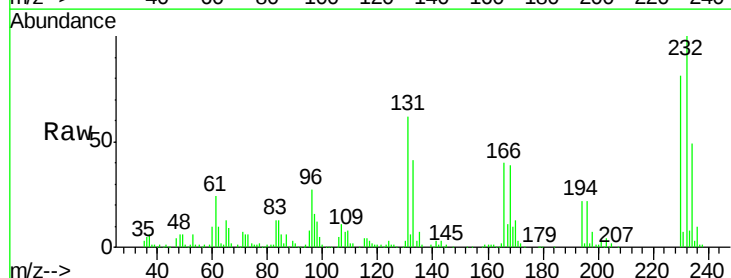
Ion Ratio Lower Upper

232 100

131 53.8 41.9 62.9

130 2.8 2.2 3.4

166 33.4 26.8 40.2

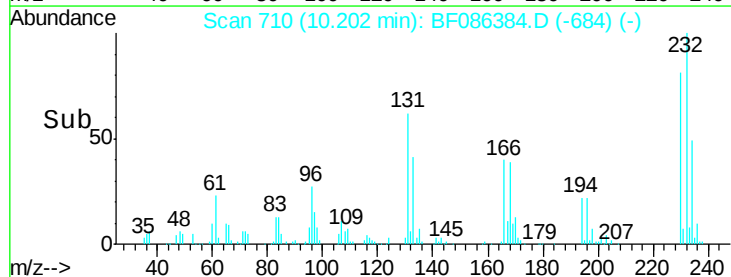
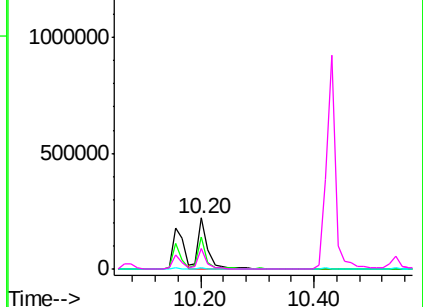


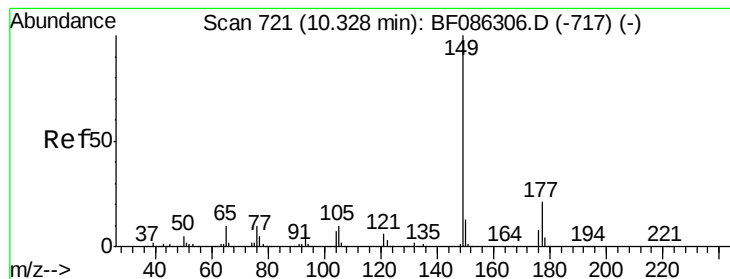
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.09 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

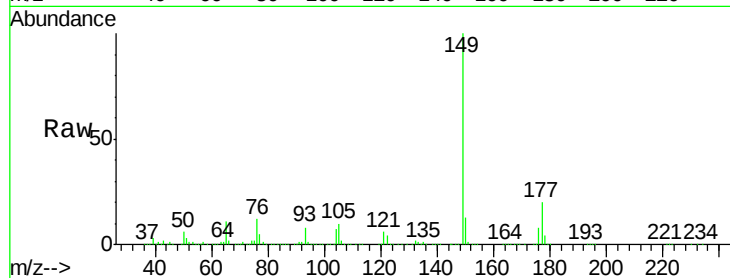
Tgt Ion:149 Resp: 1070502

Ion Ratio Lower Upper

149 100

177 20.4 16.6 24.8

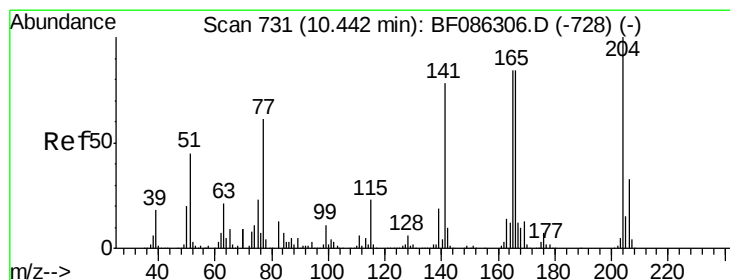
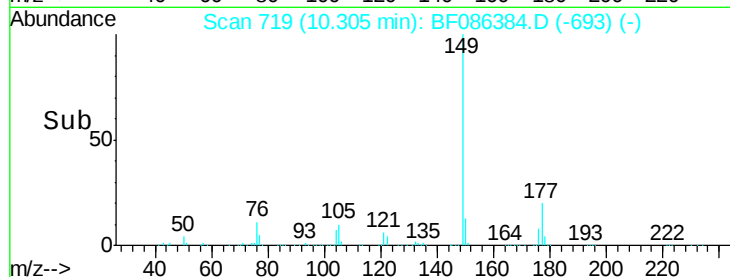
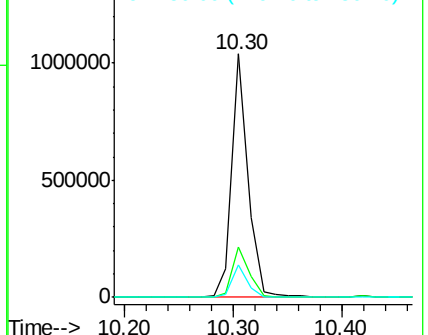
150 13.1 10.0 15.0



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: 43.46 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

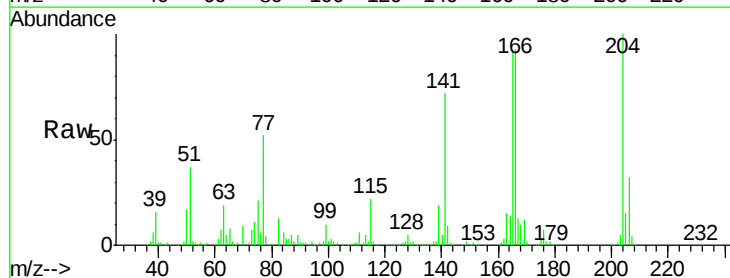
Tgt Ion:204 Resp: 429375

Ion Ratio Lower Upper

204 100

206 31.9 25.4 38.0

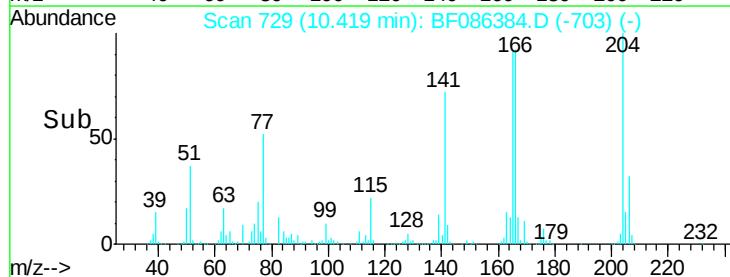
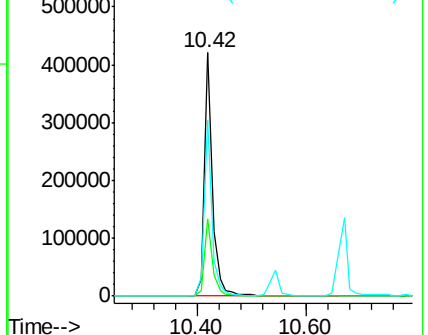
141 72.4 61.6 92.4

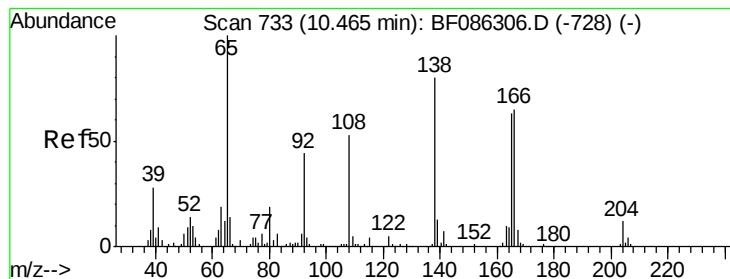


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.01 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

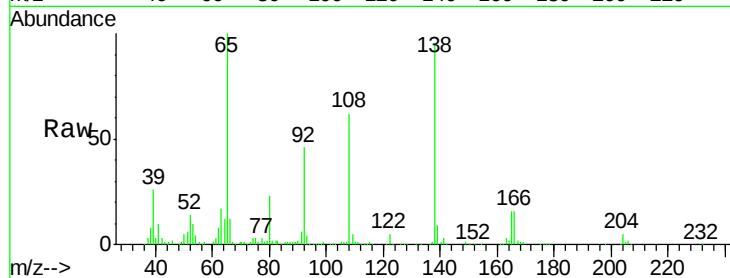
Tgt Ion:138 Resp: 322918

Ion Ratio Lower Upper

138 100

92 48.4 24.7 64.7

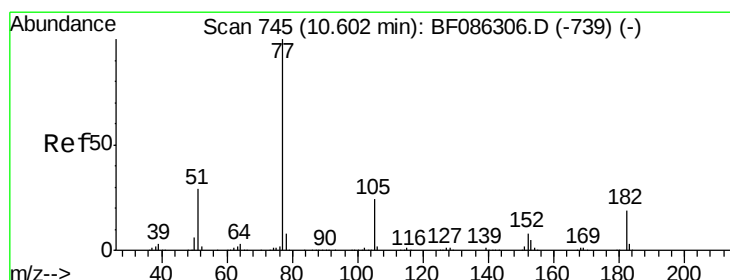
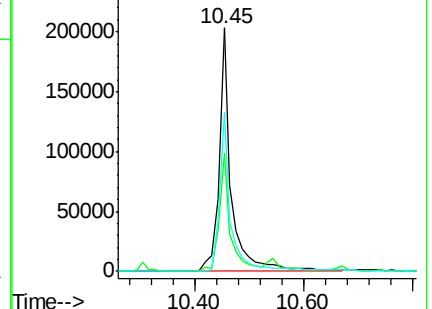
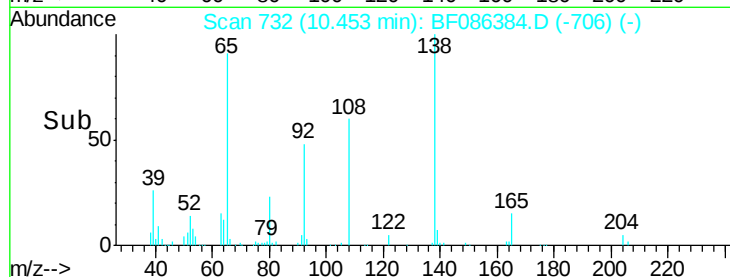
108 65.3 37.4 77.4



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: 47.12 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion: 77 Resp: 1186362

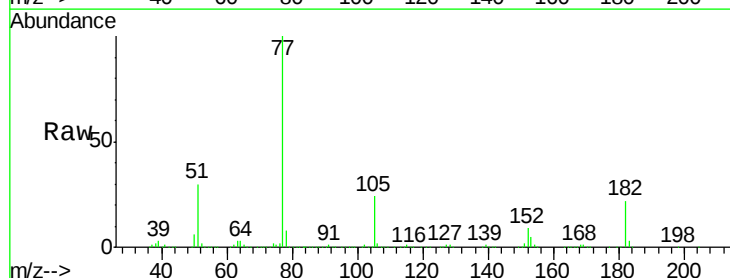
Ion Ratio Lower Upper

77 100

182 21.7 0.0 38.8

105 23.6 3.2 43.2

51 30.4 8.8 48.8

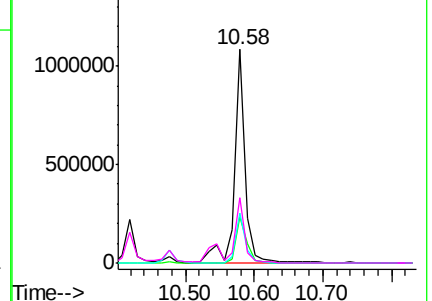
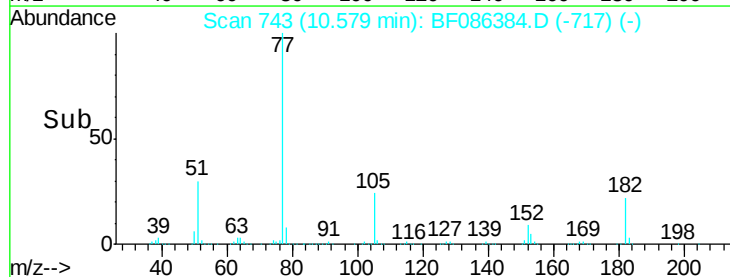


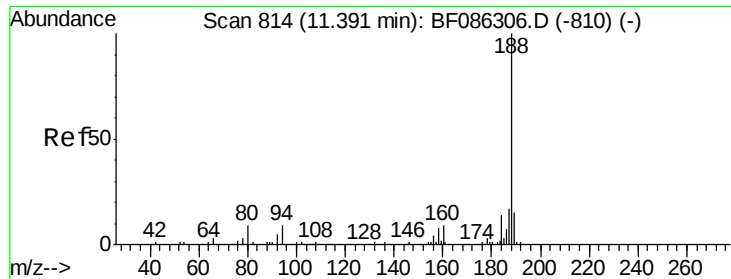
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

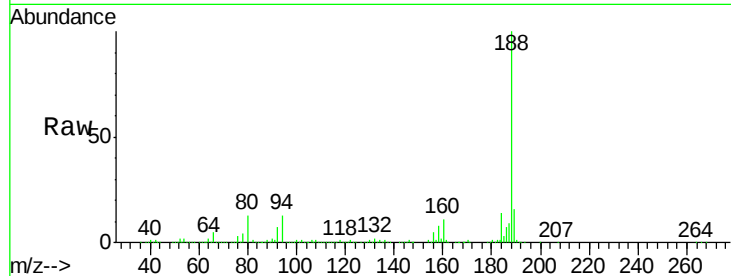
Tgt Ion:188 Resp: 674078

Ion Ratio Lower Upper

188 100

94 12.8 6.8 10.2#

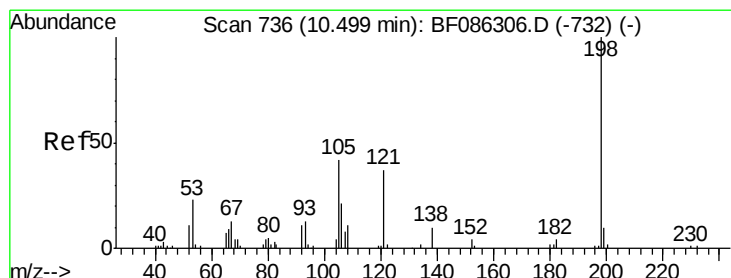
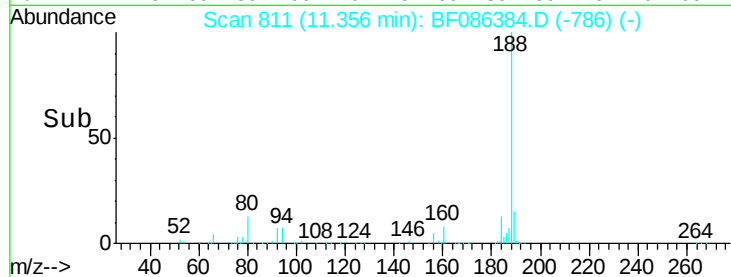
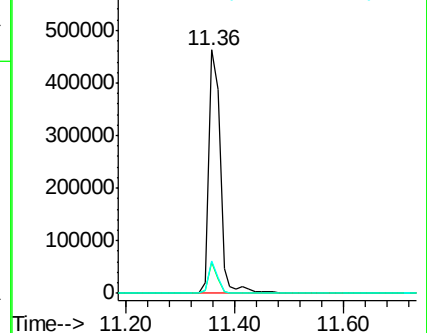
80 13.5 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.39 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

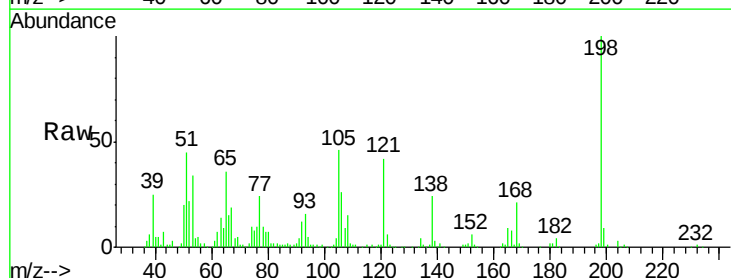
Tgt Ion:198 Resp: 137534

Ion Ratio Lower Upper

198 100

51 44.9 20.5 60.5

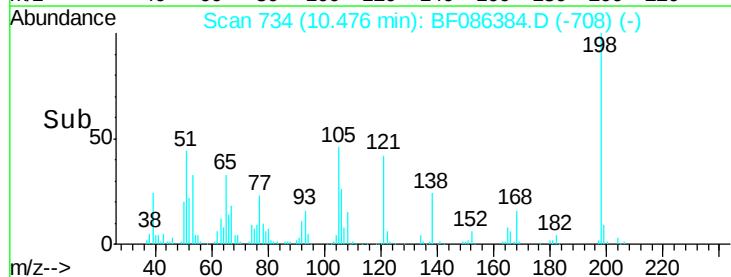
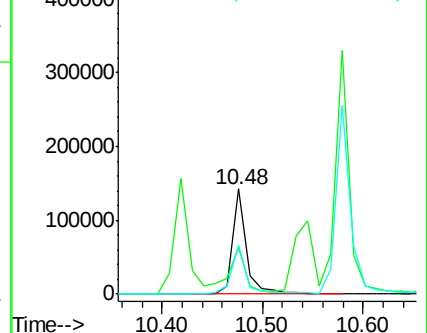
105 46.4 24.5 64.5

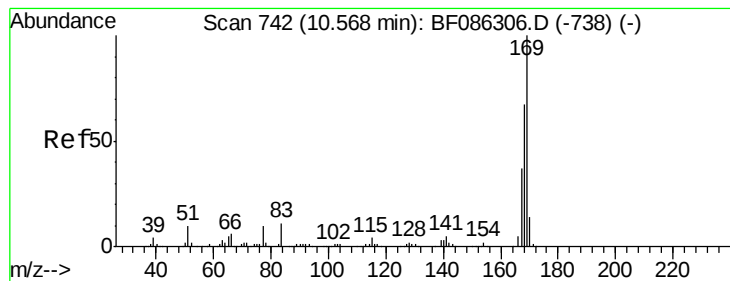


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.04 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

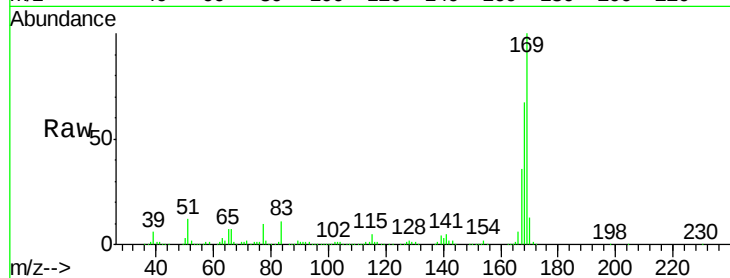
Tgt Ion:169 Resp: 957003

Ion Ratio Lower Upper

169 100

168 66.7 53.8 80.6

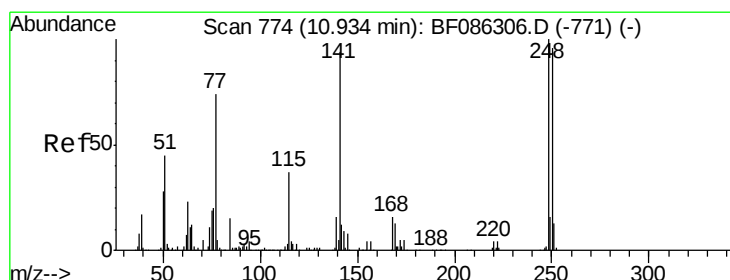
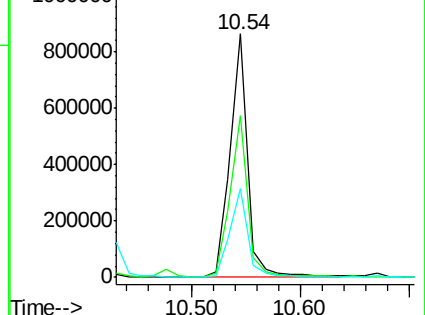
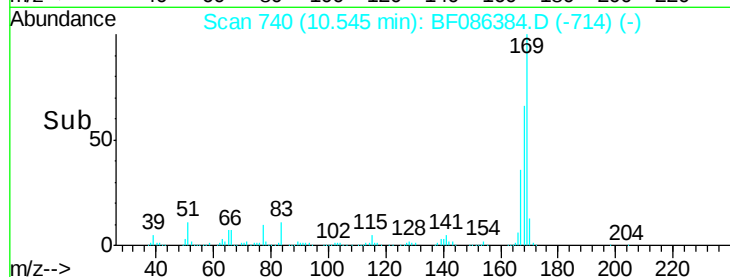
167 36.3 29.5 44.3



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: 43.93 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

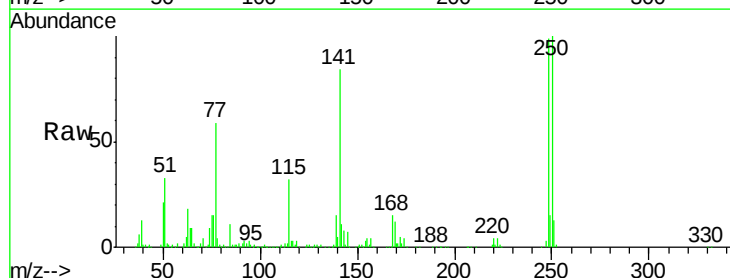
Tgt Ion:248 Resp: 289984

Ion Ratio Lower Upper

248 100

250 101.1 78.6 117.8

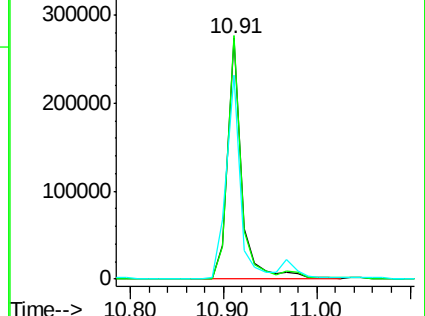
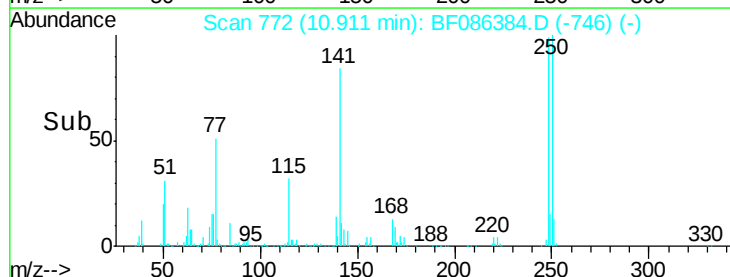
141 84.8 76.0 114.0

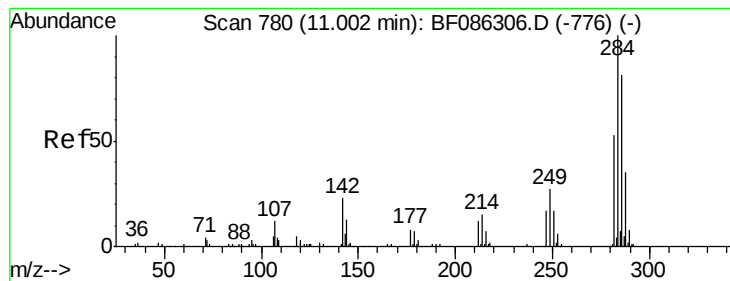


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.95 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

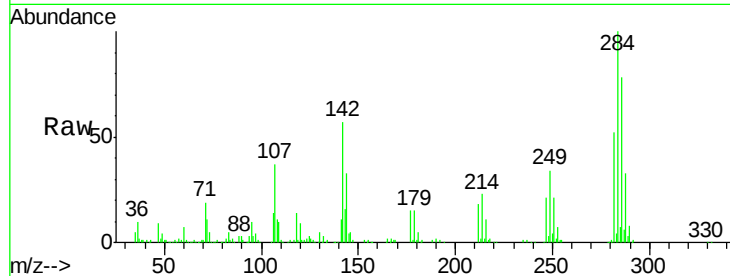
Tgt Ion:284 Resp: 309517

Ion Ratio Lower Upper

284 100

142 56.9 16.7 25.1#

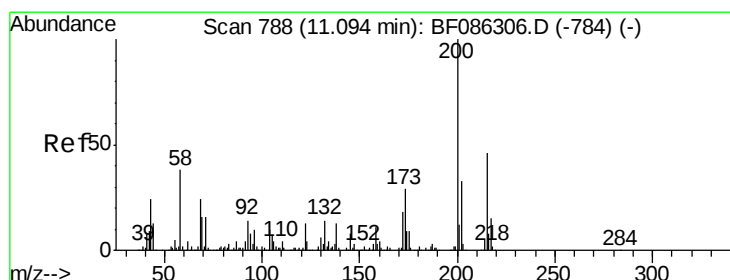
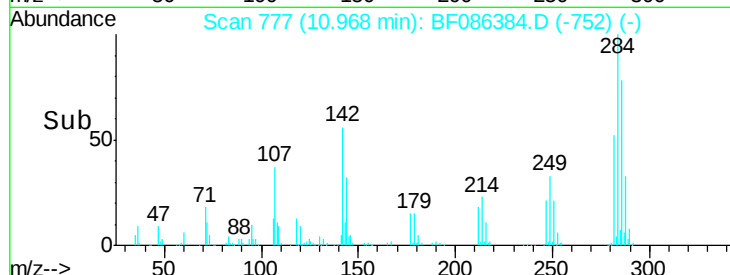
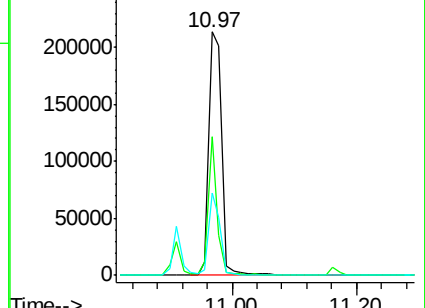
249 33.6 21.3 31.9#



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: 45.17 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

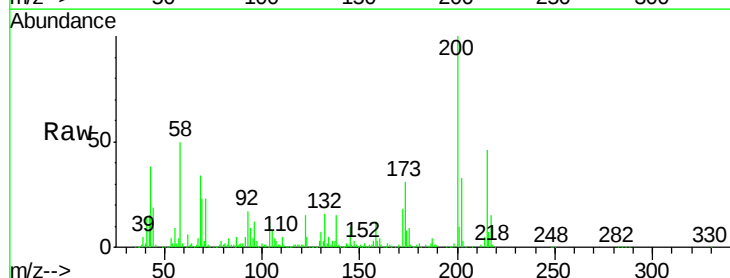
Tgt Ion:200 Resp: 289902

Ion Ratio Lower Upper

200 100

173 31.0 8.5 48.5

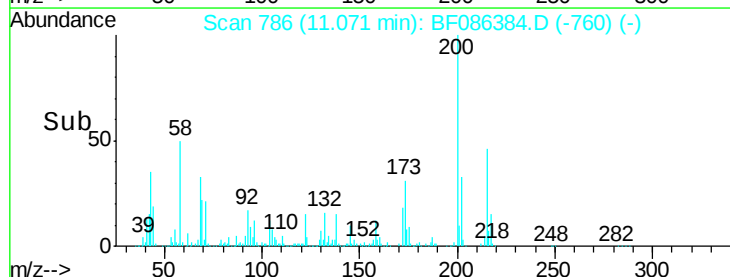
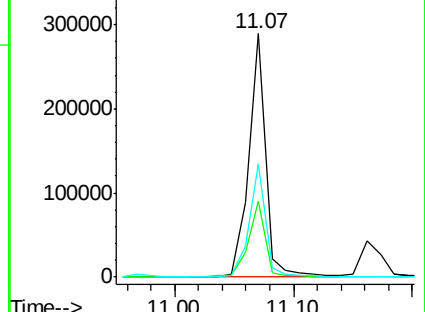
215 46.2 27.2 67.2

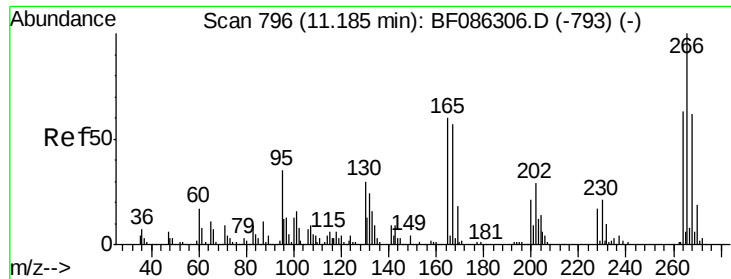


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

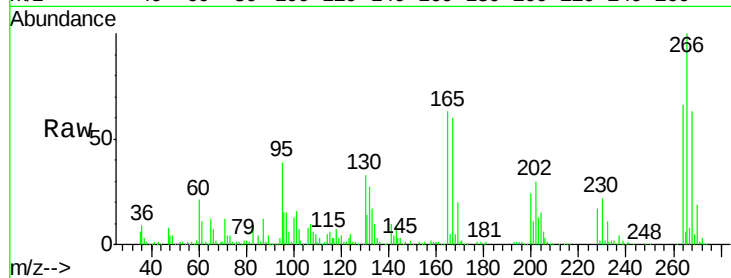




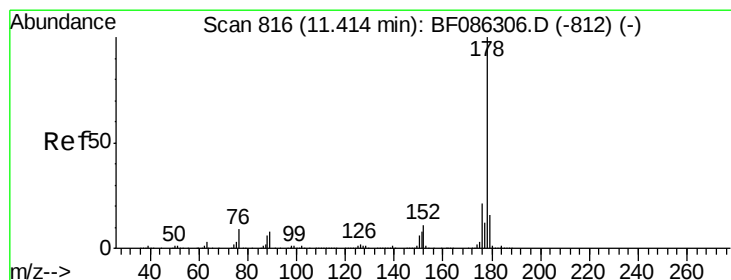
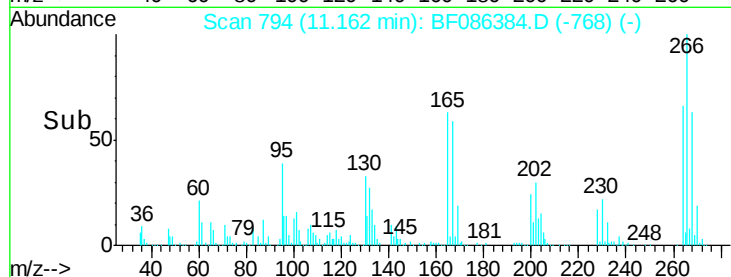
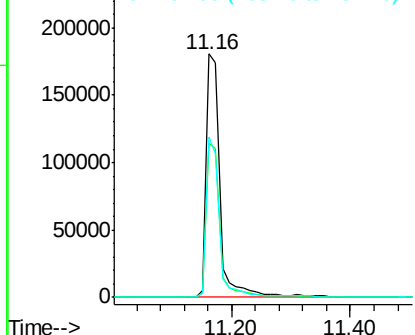
#69
 Pentachlorophenol
 Concen: 71.81 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tgt Ion:266 Resp: 296949
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 66.0 52.9 79.3

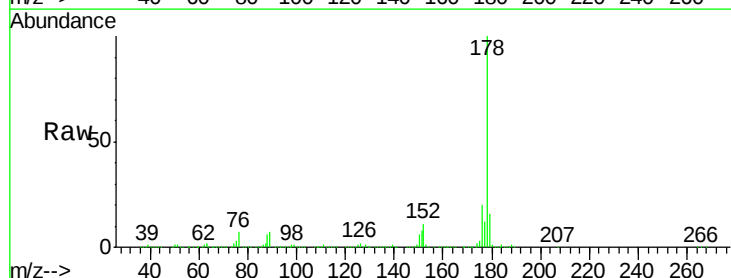


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

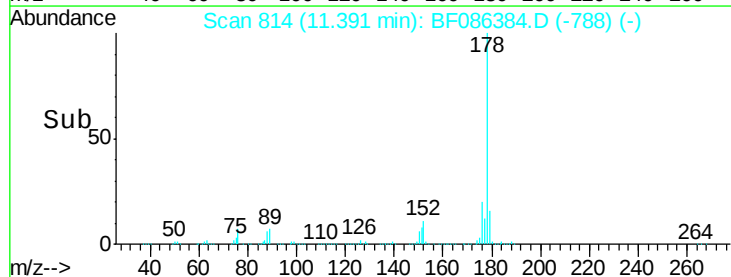
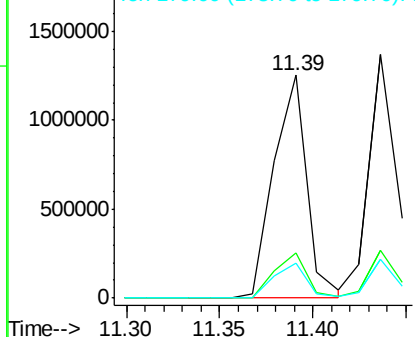


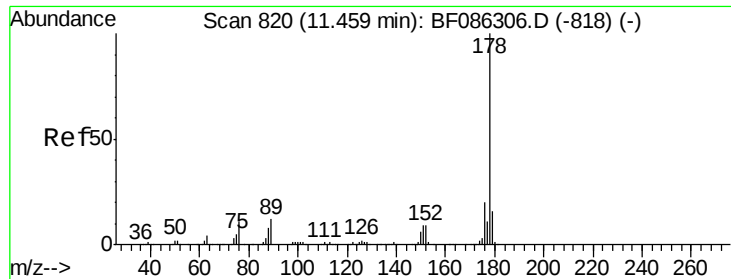
#70
 Phenanthrene
 Concen: 45.31 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion:178 Resp: 1534629
 Ion Ratio Lower Upper
 178 100
 176 20.4 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

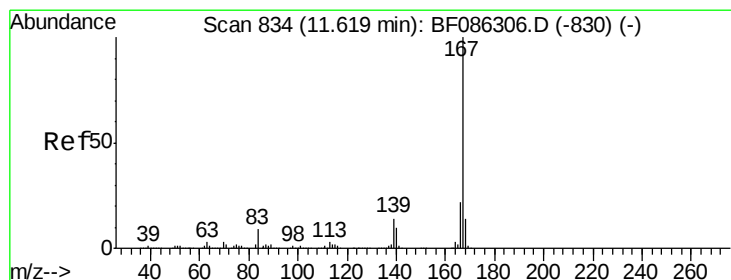
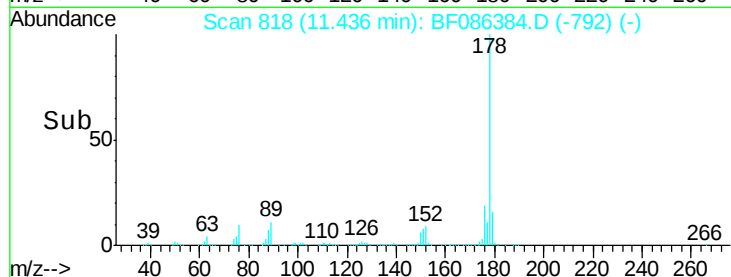
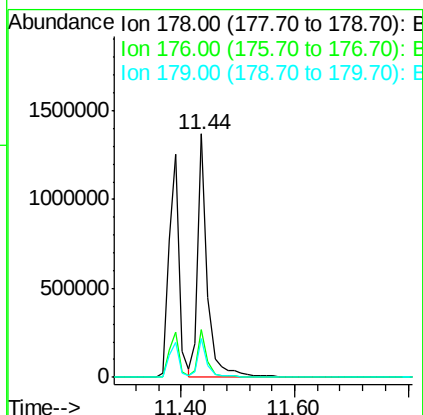
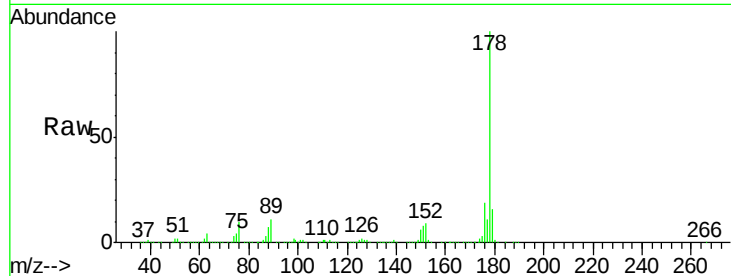




#71
 Anthracene
 Concen: 40.95 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

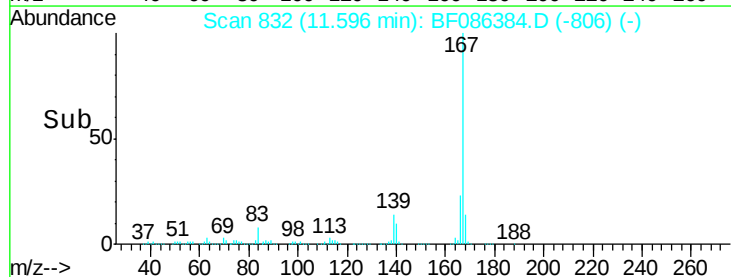
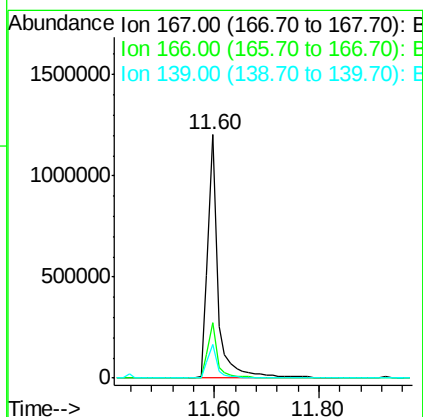
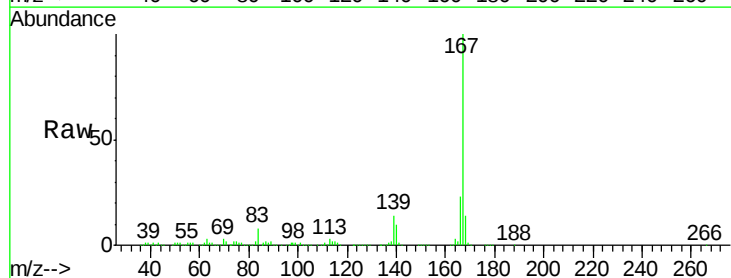
Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

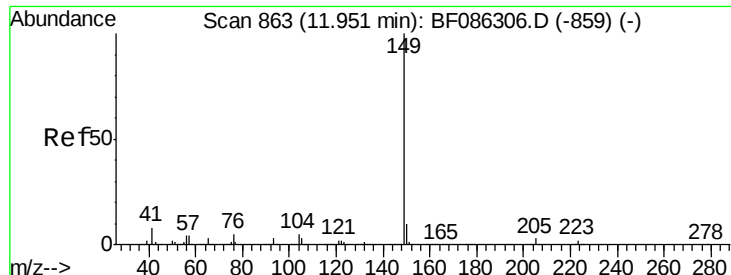
Tgt Ion:178 Resp: 1589062
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 45.28 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion:167 Resp: 1650414
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.7 26.5
 139 13.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 44.95 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

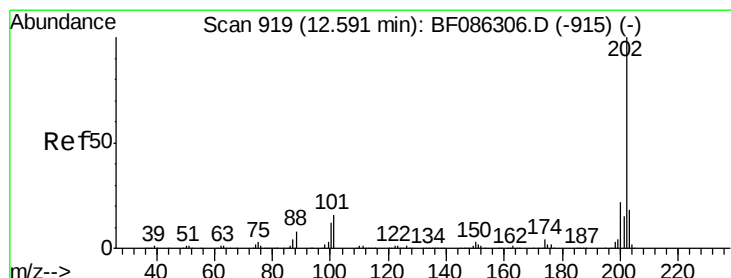
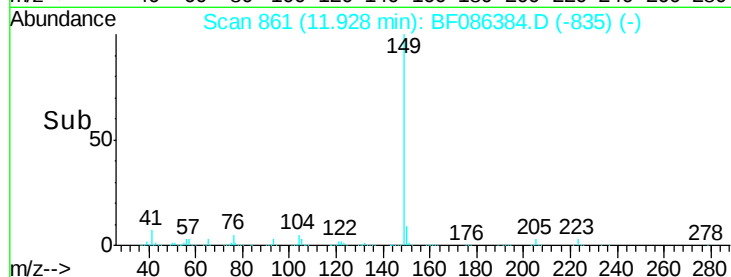
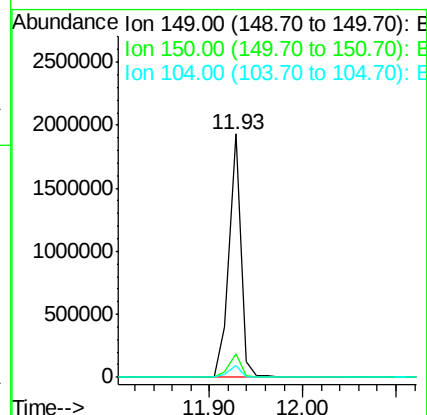
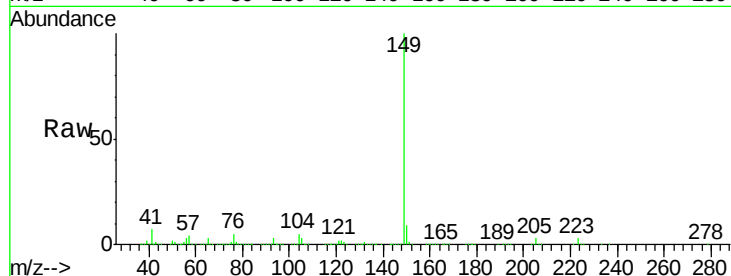
Tgt Ion:149 Resp: 1723669

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 4.9 3.8 5.6



#74

Fluoranthene

Concen: 42.96 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

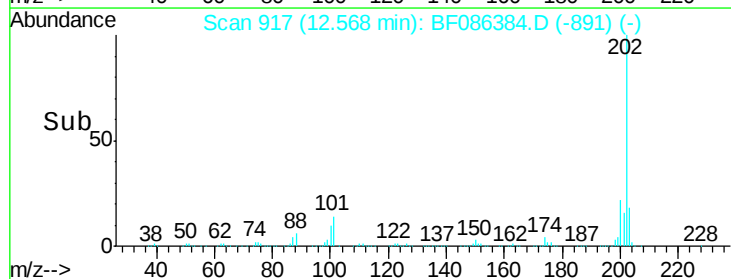
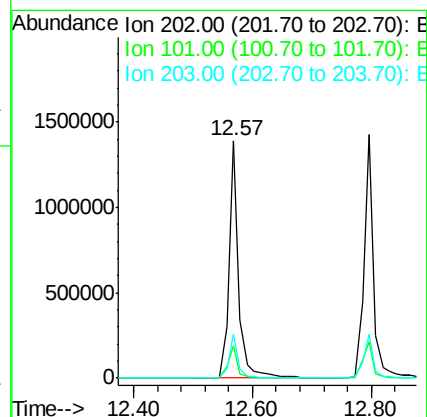
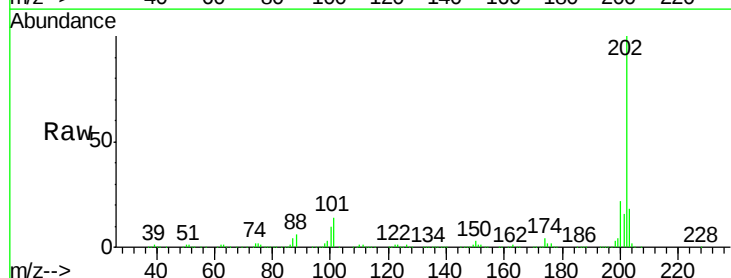
Tgt Ion:202 Resp: 1569081

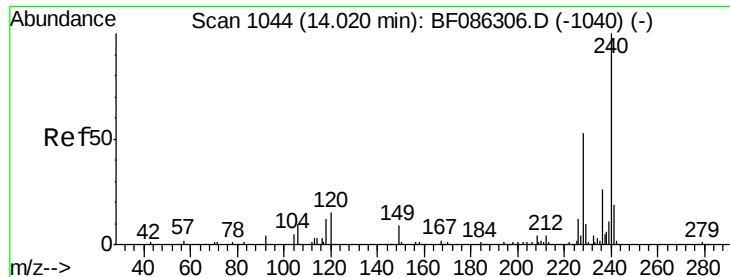
Ion Ratio Lower Upper

202 100

101 13.7 0.0 35.4

203 18.3 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: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

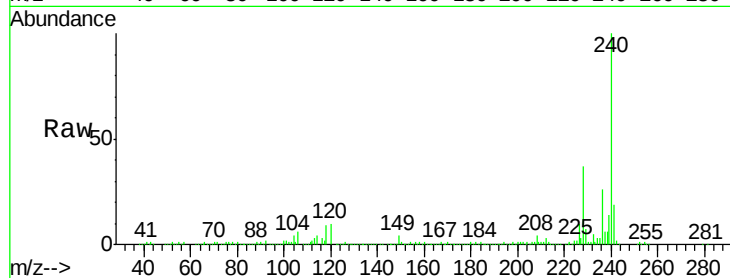
Tgt Ion:240 Resp: 457710

Ion Ratio Lower Upper

240 100

120 10.3 11.2 16.8#

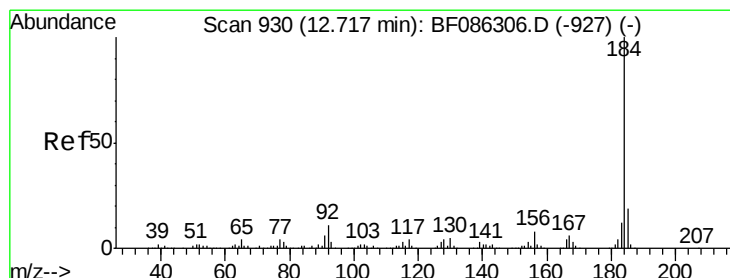
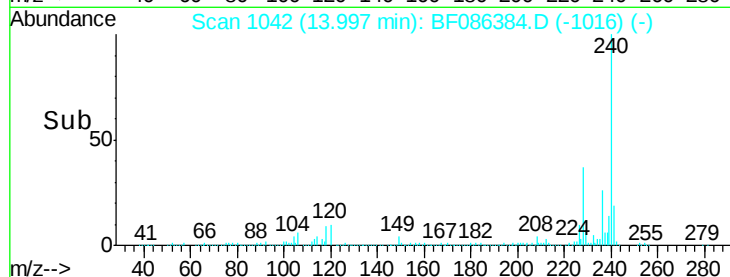
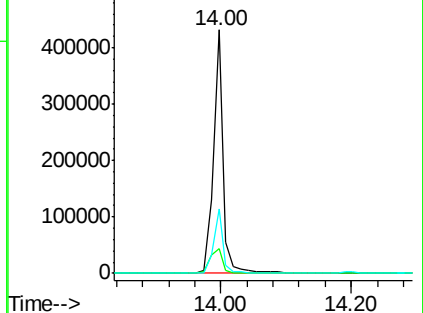
236 26.4 21.2 31.8



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: 10.59 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

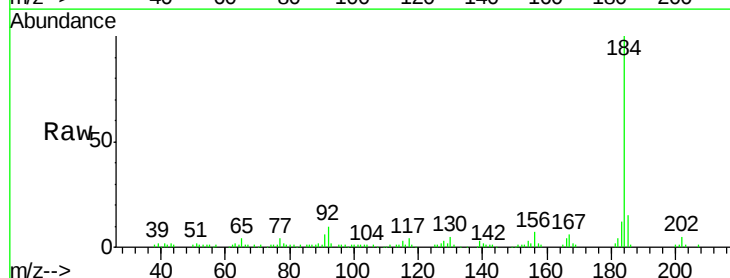
Tgt Ion:184 Resp: 198819

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

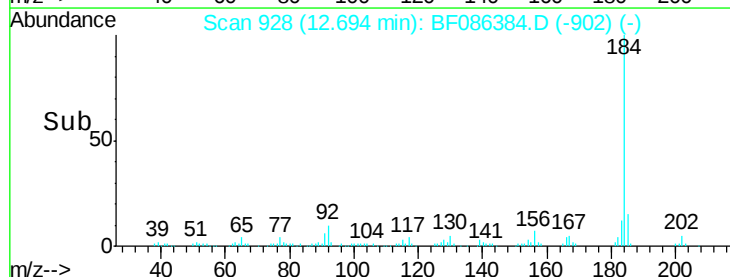
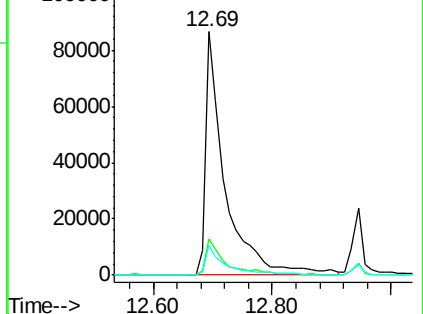
183 12.4 9.8 14.6

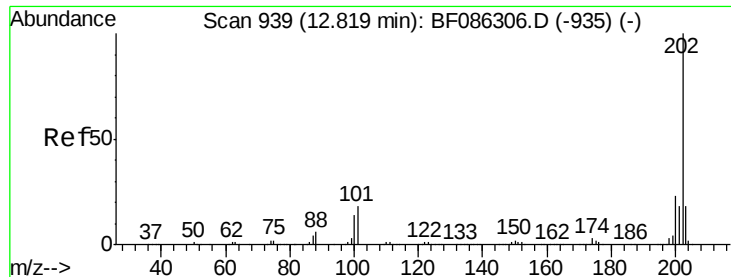


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

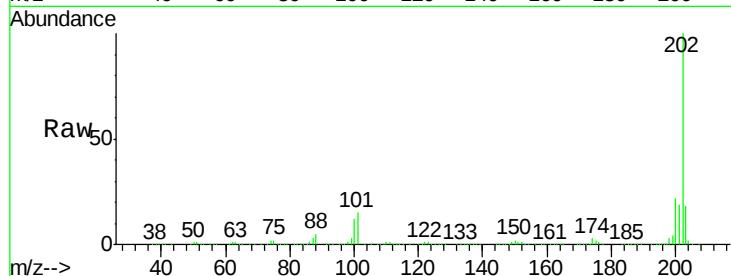




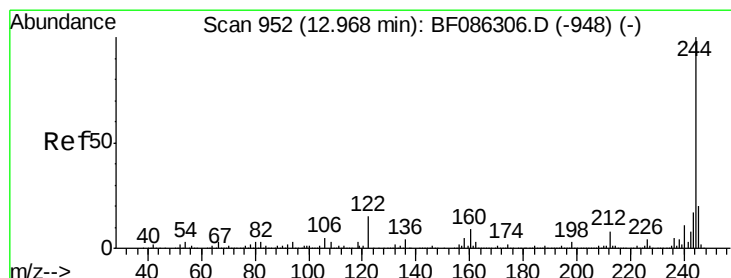
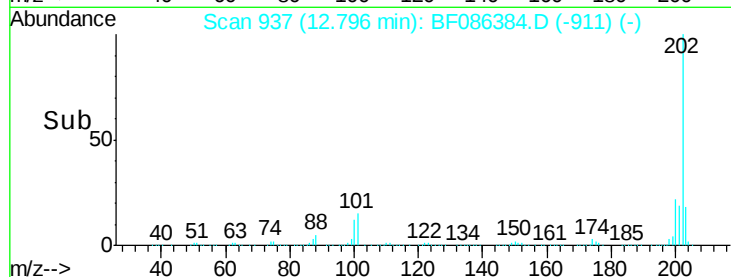
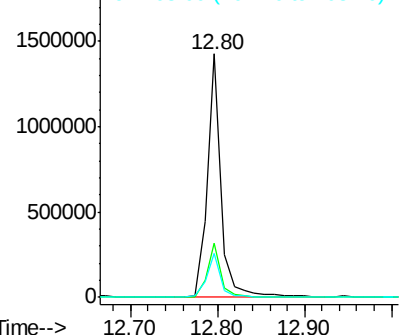
#77
 Pyrene
 Concen: 49.43 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tgt Ion:202 Resp: 1577793
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.7 26.5
 203 18.0 14.2 21.4

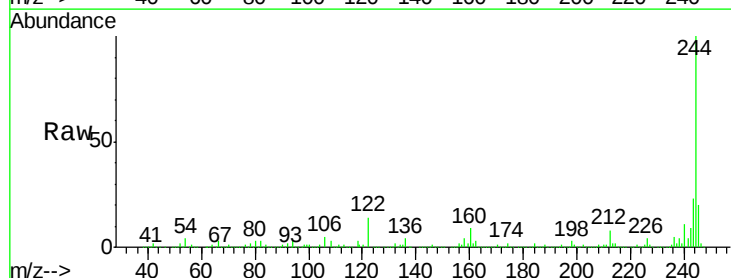


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

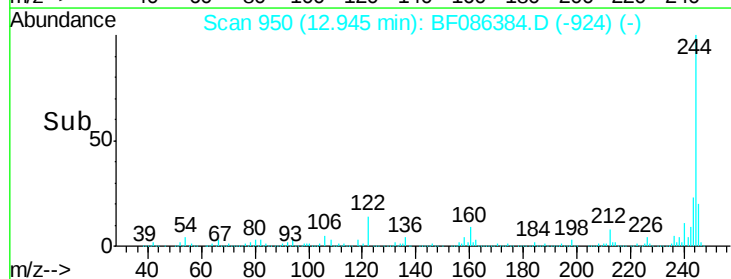
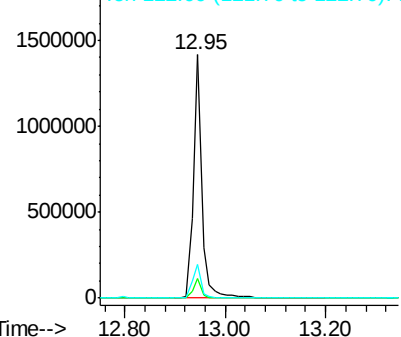


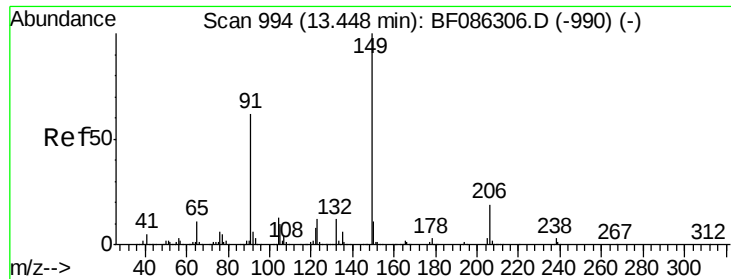
#78
 Terphenyl-d14
 Concen: 90.03 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion:244 Resp: 1658584
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.6 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

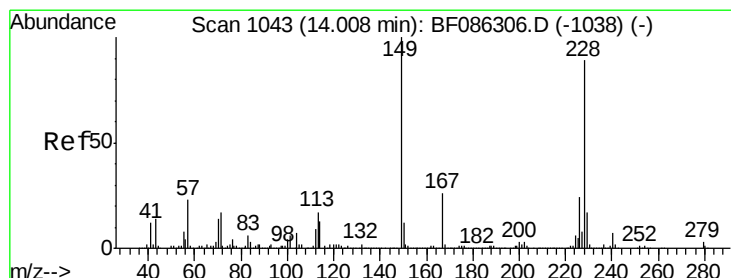
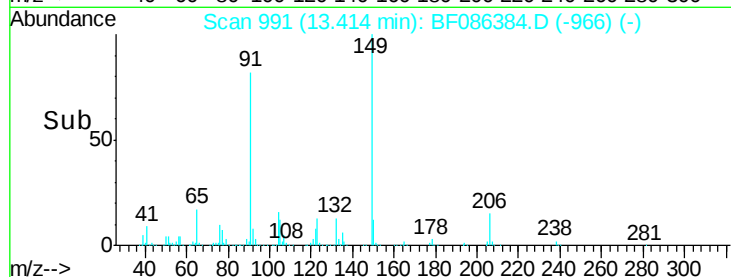
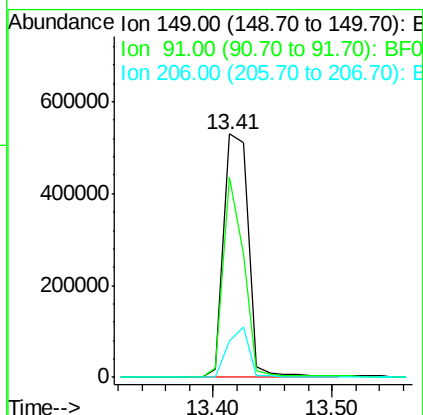
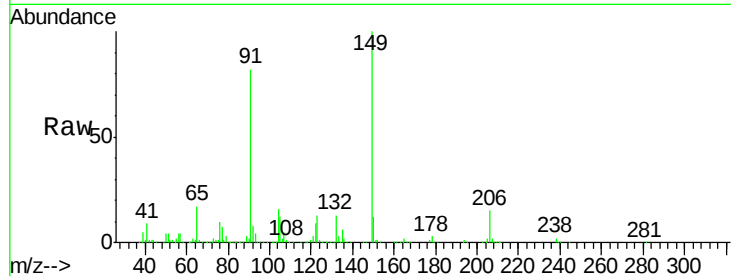




#79
Butylbenzylphthalate
Concen: 51.41 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

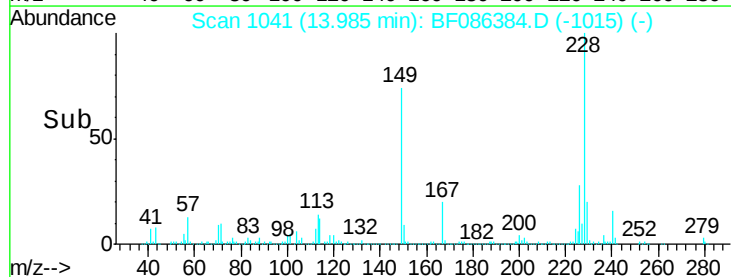
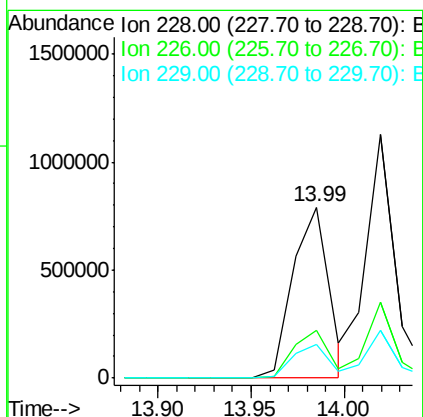
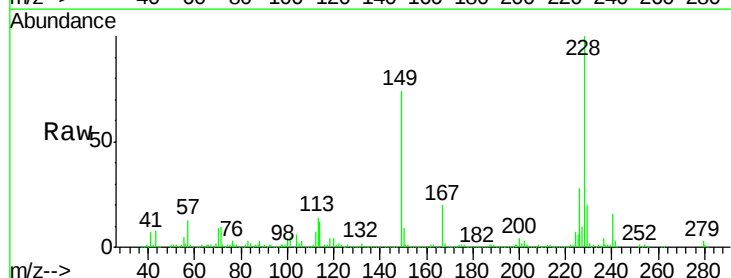
Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

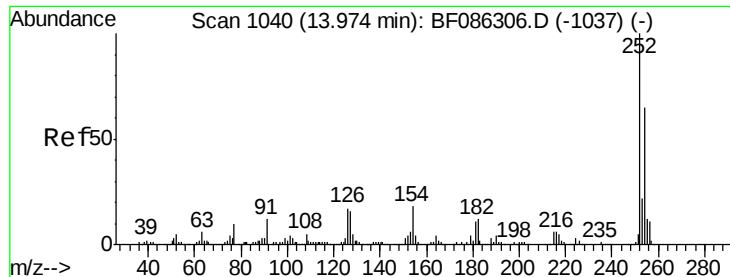
Tgt Ion:149 Resp: 764519
Ion Ratio Lower Upper
149 100
91 82.3 48.0 72.0#
206 15.0 15.8 23.6#



#80
Benzo(a)anthracene
Concen: 44.87 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:228 Resp: 1066142
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 19.6 16.6 25.0

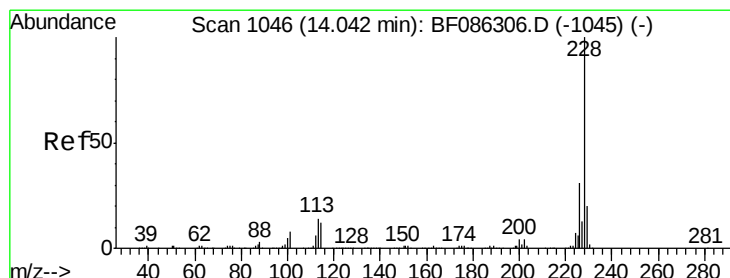
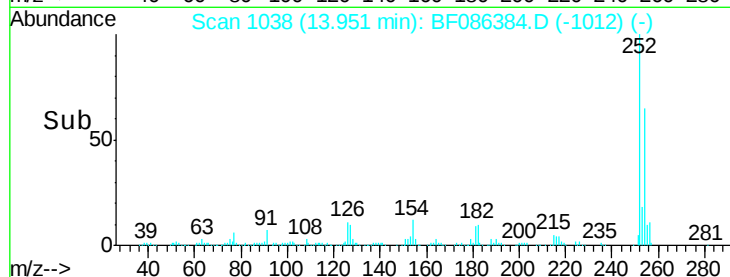
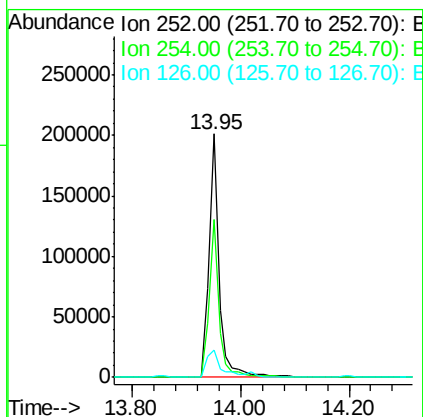
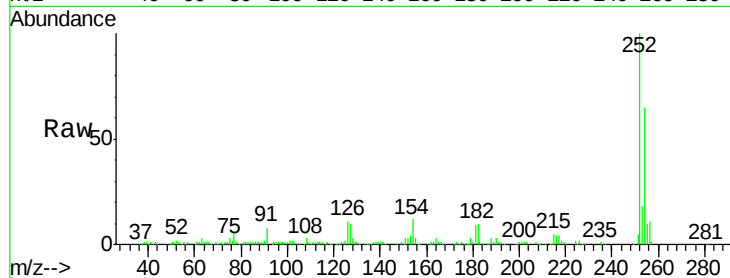




#81
 3,3'-Dichlorobenzidine
 Concen: 16.13 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

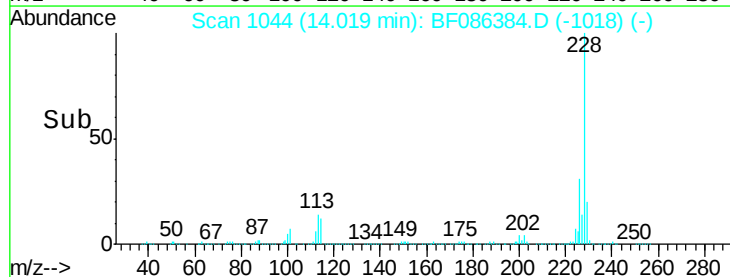
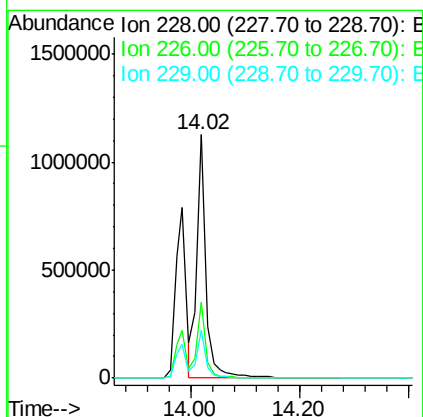
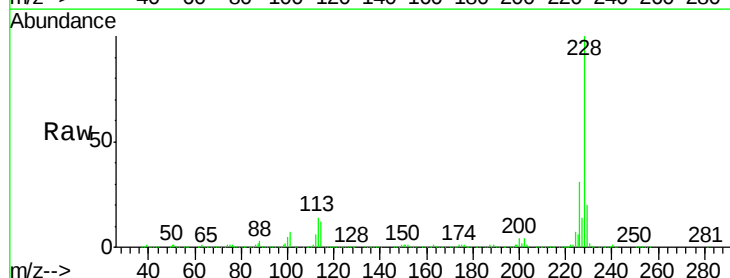
Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

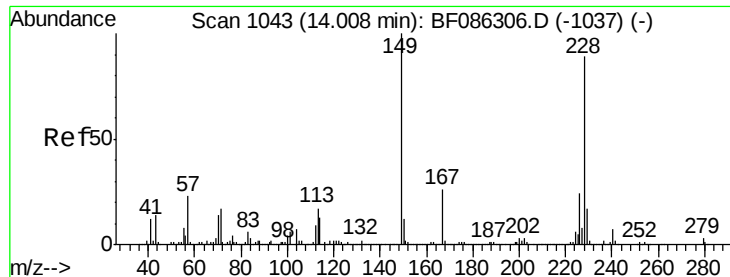
Tgt Ion:252 Resp: 264347
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.7 76.1
 126 11.5 12.7 19.1#



#82
 Chrysene
 Concen: 48.13 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion:228 Resp: 1288447
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.4 36.6
 229 19.8 15.8 23.8

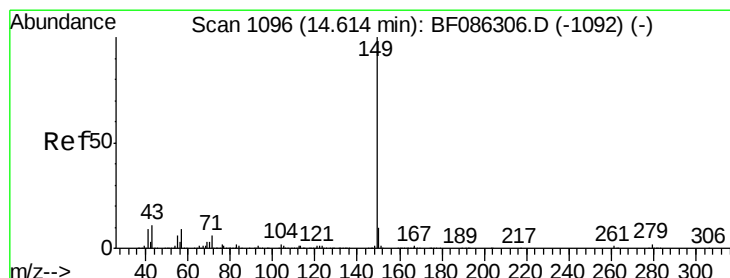
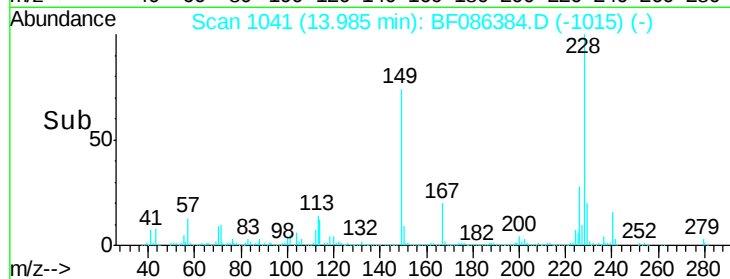
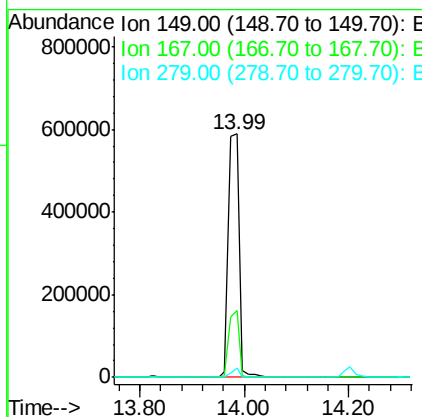
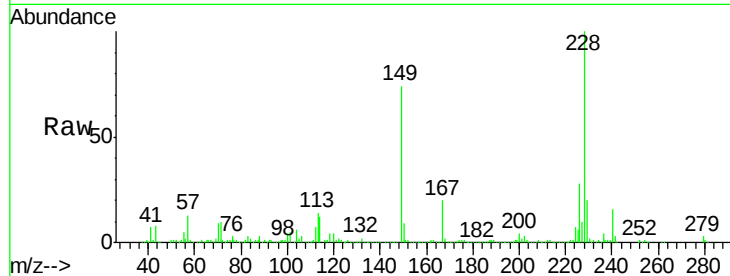




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.32 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

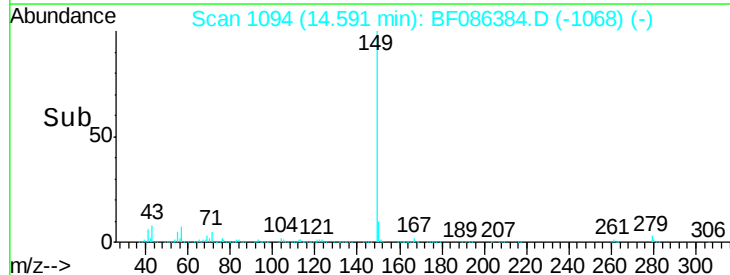
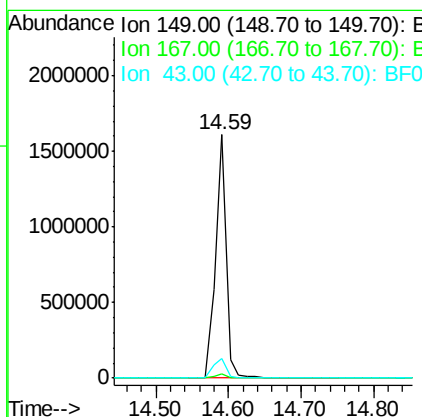
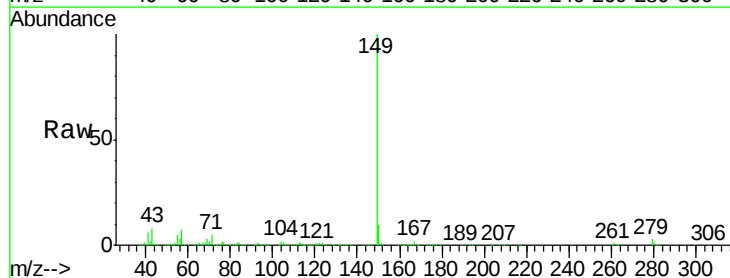
Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

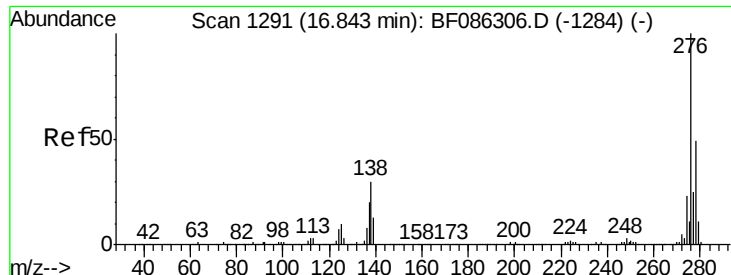
Tgt Ion:	149	Resp:	837895
Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	4.0	2.6	4.0#



#84
 Di-n-octyl phthalate
 Concen: 51.11 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion:	149	Resp:	1633850
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.2	12.4

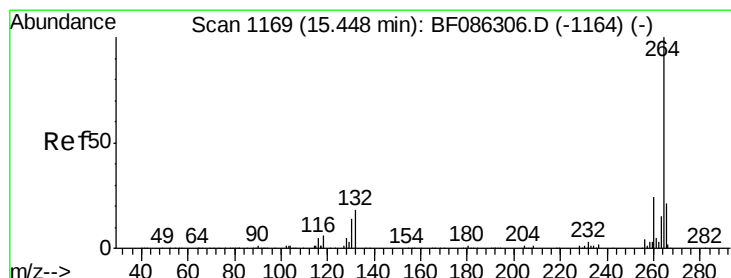
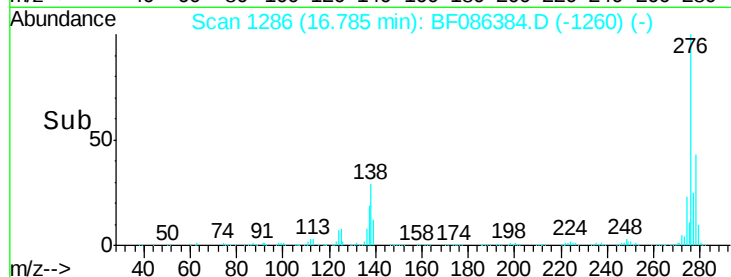
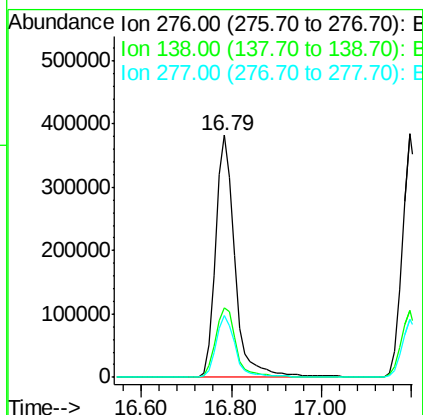
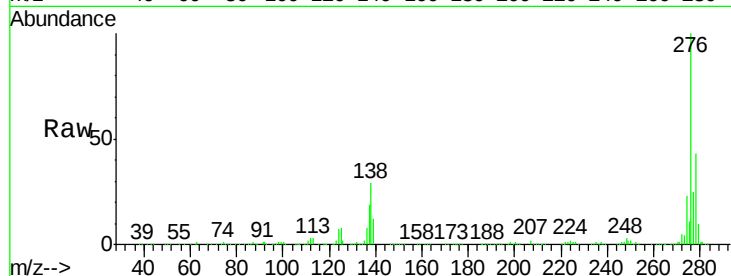




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.20 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

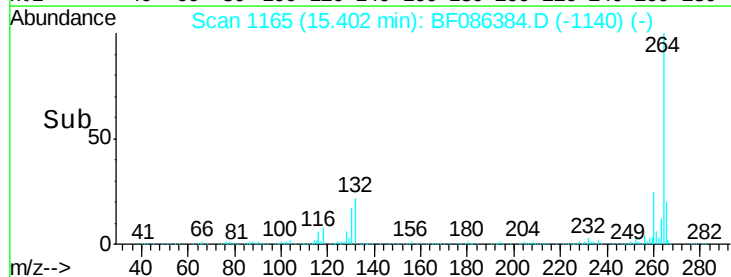
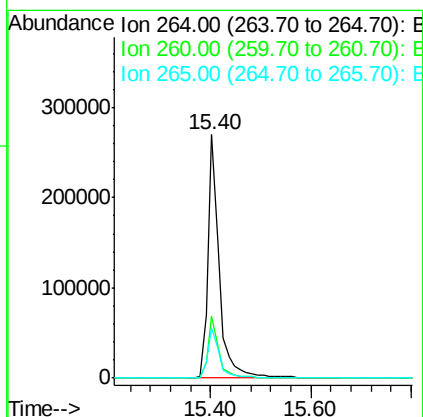
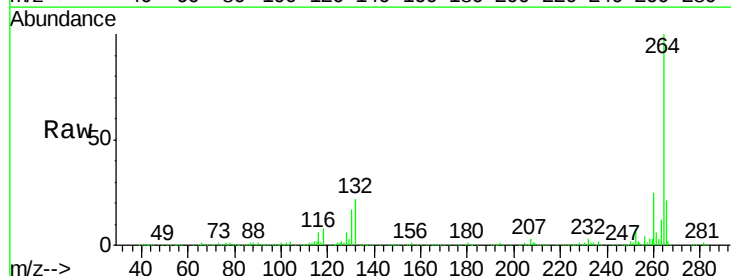
Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

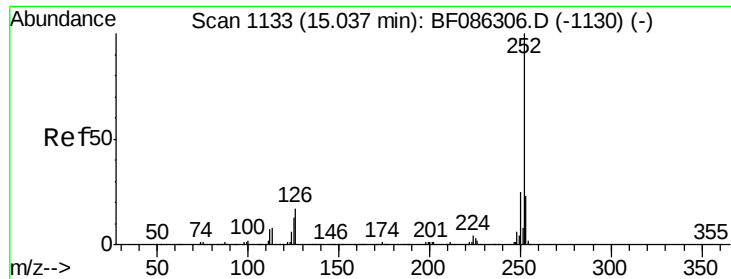
Tgt Ion: 276 Resp: 1147126
 Ion Ratio Lower Upper
 276 100
 138 31.0 25.6 38.4
 277 25.6 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion: 264 Resp: 420919
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.5 29.3
 265 20.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 97.37 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

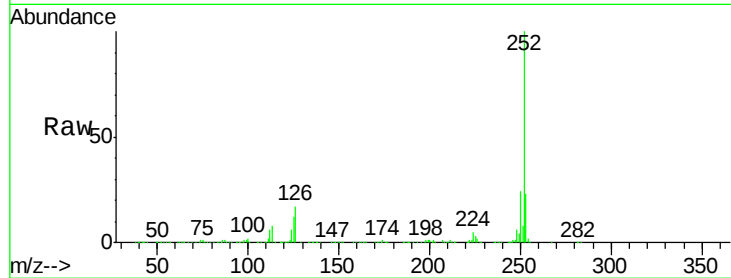
Tgt Ion:252 Resp: 2249618

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

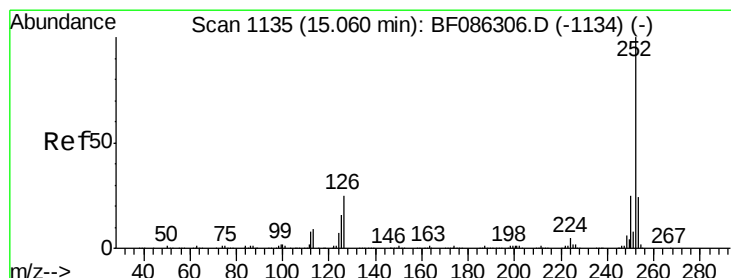
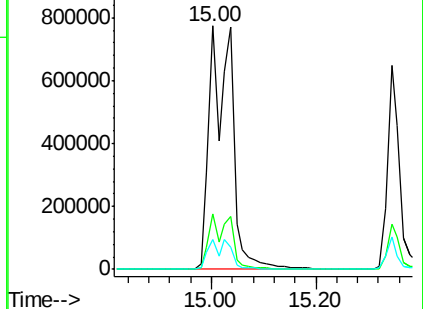
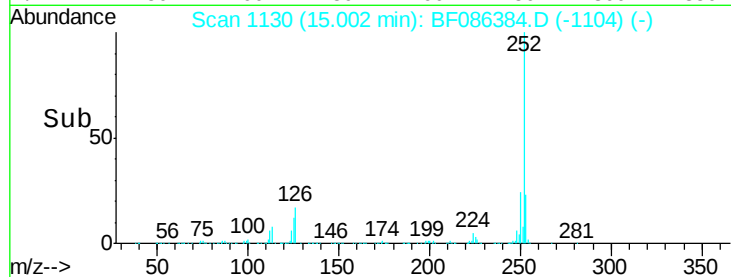
125 12.5 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 99.37 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

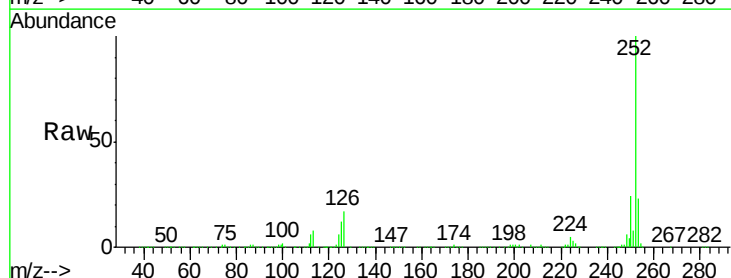
Tgt Ion:252 Resp: 2253302

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

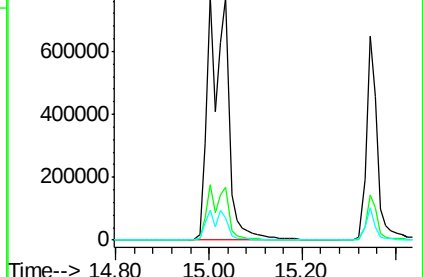
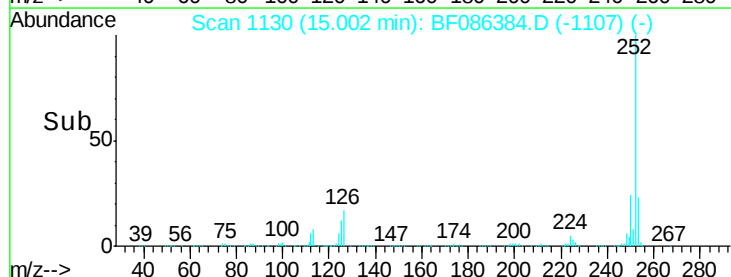
125 12.5 9.1 13.7

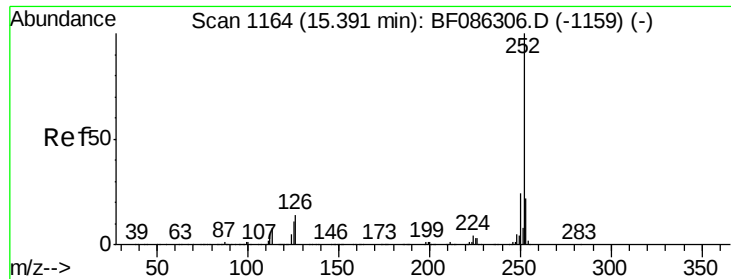


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.89 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

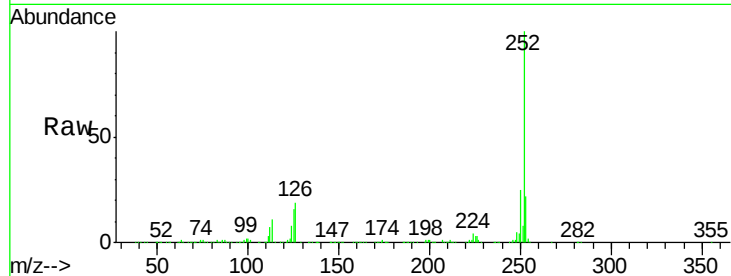
Tgt Ion:252 Resp: 1068698

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

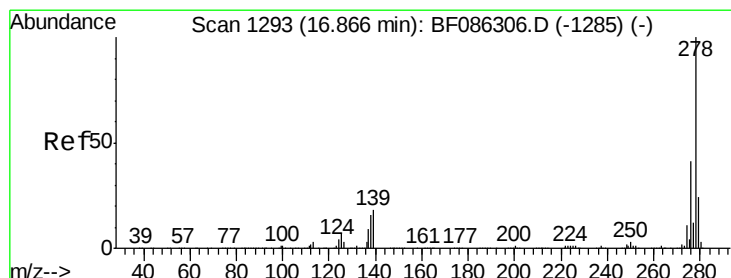
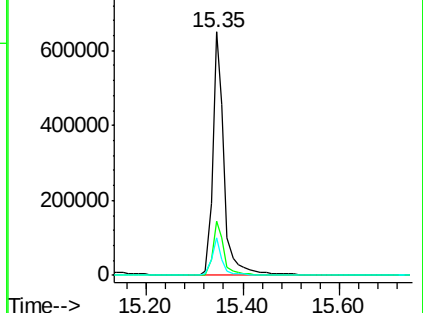
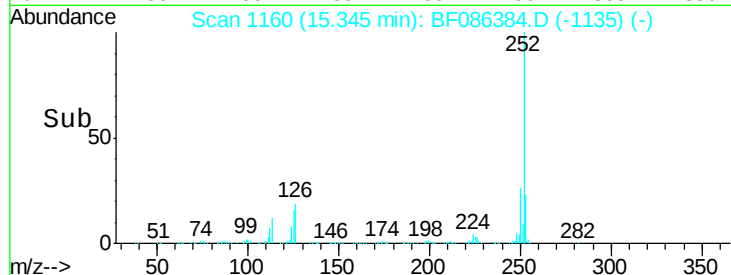
125 15.6 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.10 ng

RT: 16.81 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

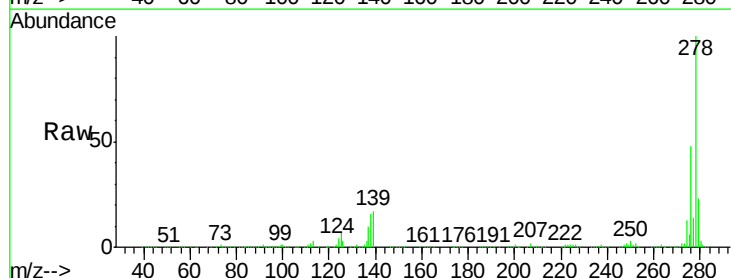
Tgt Ion:278 Resp: 942024

Ion Ratio Lower Upper

278 100

139 17.0 16.6 24.8

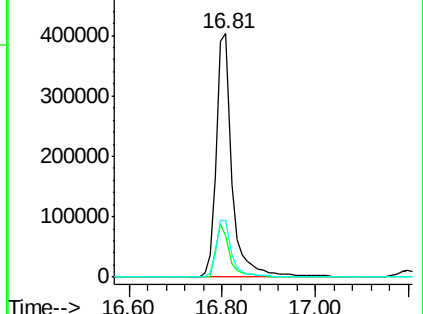
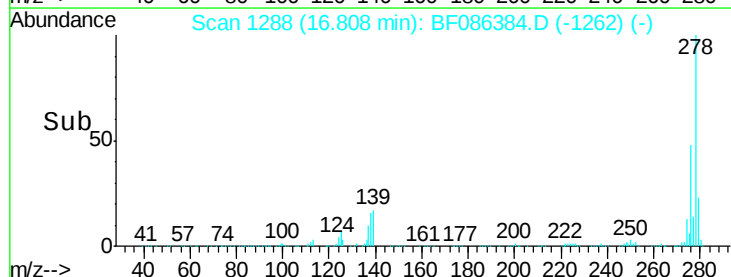
279 23.1 19.6 29.4

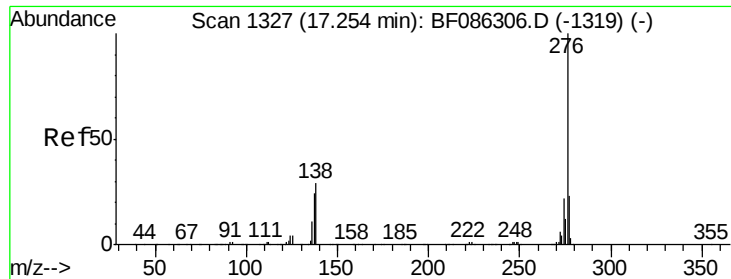


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 51.75 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tgt Ion: 276 Resp: 1004507
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.6 29.4
 138 27.7 23.6 35.4

