

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086535.D
 Acq On : 30 Apr 2016 20:40
 Operator : UM/SJ
 Sample : PB90056BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:25:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	141332	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	625480	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	292518	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	588412	20.00	ng	0.00
75) Chrysene-d12	13.92	240	414412	20.00	ng	0.00
86) Perylene-d12	15.31	264	329020	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1071142	130.73	ng	0.01
7) Phenol-d6	6.41	99	1379404	120.62	ng	0.00
23) Nitrobenzene-d5	7.33	82	876168	75.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	388009	125.78	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1488962	90.27	ng	0.00
78) Terphenyl-d14	12.88	244	1433586	76.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	133803	31.09	ng	# 78
3) Pyridine	3.06	79	376590	36.97	ng	# 75
4) n-Nitrosodimethylamine	3.00	42	245690	42.32	ng	# 62
6) Aniline	6.43	93	480369	34.71	ng	# 81
8) 2-Chlorophenol	6.56	128	415107	40.67	ng	97
9) Benzaldehyde	6.30	77	69810	10.49	ng	95
10) Phenol	6.42	94	455229	35.68	ng	# 50
11) bis(2-Chloroethyl)ether	6.51	93	453193	41.09	ng	93
12) 1,3-Dichlorobenzene	6.70	146	401104	36.54	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	426870	37.69	ng	95
14) 1,2-Dichlorobenzene	6.93	146	377509	36.34	ng	94
15) Benzyl Alcohol	6.92	79	336329	46.49	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	837789	37.95	ng	90
17) 2-Methylphenol	7.04	107	356291	43.19	ng	95
18) Hexachloroethane	7.28	117	153030	36.16	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	306406	40.53	ng	# 68
20) 3+4-Methylphenols	7.18	107	397856	42.24	ng	92
22) Acetophenone	7.18	105	557280	40.63	ng	# 89
24) Nitrobenzene	7.36	77	478704	40.10	ng	96
25) Isophorone	7.60	82	838497	37.54	ng	100
26) 2-Nitrophenol	7.68	139	218209	39.70	ng	94
27) 2,4-Dimethylphenol	7.72	122	397565	41.23	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	528853	43.47	ng	99
29) 2,4-Dichlorophenol	7.92	162	351128	43.15	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	349475	37.02	ng	97
31) Naphthalene	8.08	128	1233283	38.75	ng	99
32) Benzoic acid	7.85	122	186462	34.87	ng	89
33) 4-Chloroaniline	8.13	127	377637	31.68	ng	99
34) Hexachlorobutadiene	8.20	225	191014	36.10	ng	97
35) Caprolactam	8.50	113	69927	25.76	ng	# 65
36) 4-Chloro-3-methylphenol	8.61	107	382051	41.01	ng	90
37) 2-Methylnaphthalene	8.76	142	754635	40.18	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	305287	36.46	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	311656	74.90	ng	96

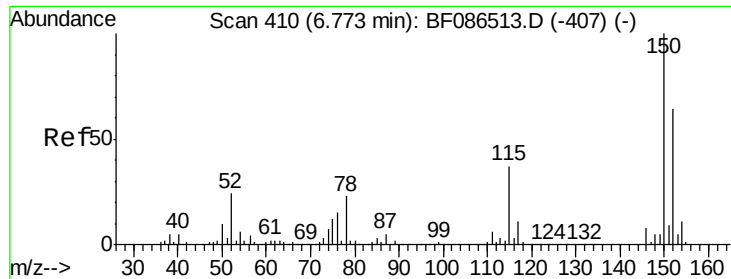
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086535.D
 Acq On : 30 Apr 2016 20:40
 Operator : UM/SJ
 Sample : PB90056BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	227966	43.07	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	245557	42.57	nq #	94
45) 1,1'-Biphenyl	9.23	154	920985	37.67	nq	96
46) 2-Chloronaphthalene	9.25	162	696506	37.47	nq	94
47) 2-Nitroaniline	9.36	65	296383	49.72	nq	91
48) Acenaphthylene	9.66	152	1106920	38.09	nq	99
49) Dimethylphthalate	9.54	163	890261	40.43	nq	100
50) 2,6-Dinitrotoluene	9.60	165	190126	41.79	nq #	89
51) Acenaphthene	9.84	154	794257	42.55	nq	98
52) 3-Nitroaniline	9.77	138	177468	34.30	nq	98
53) 2,4-Dinitrophenol	9.87	184	183786	74.48	nq #	75
54) Dibenzofuran	10.01	168	1008861	43.25	nq	94
55) 4-Nitrophenol	9.94	139	311957	92.08	nq #	76
56) 2,4-Dinitrotoluene	10.00	165	240229	41.42	nq #	83
57) Fluorene	10.35	166	719493	35.52	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	214565	47.57	nq	97
59) Diethylphthalate	10.24	149	819138	39.29	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	373712	40.64	nq	87
61) 4-Nitroaniline	10.38	138	230919	45.66	nq	85
62) Azobenzene	10.51	77	1028313	45.03	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	139367	40.35	nq #	71
65) n-Nitrosodiphenylamine	10.46	169	694497	37.77	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	231392	38.16	nq #	77
67) Hexachlorobenzene	10.90	284	255223	36.37	nq #	80
68) Atrazine	11.00	200	251828	45.60	nq	95
69) Pentachlorophenol	11.09	266	264876	71.58	nq	97
70) Phenanthrene	11.31	178	1130573	36.61	nq	99
71) Anthracene	11.37	178	1294124	39.27	nq	100
72) Carbazole	11.52	167	1134235	38.83	nq	99
73) Di-n-butylphthalate	11.86	149	1332497	40.27	nq	99
74) Fluoranthene	12.50	202	1259263	40.40	nq	91
76) Benzidine	12.62	184	487933	34.26	nq	96
77) Pyrene	12.72	202	1197902	40.12	nq	100
79) Butylbenzylphthalate	13.35	149	505420	39.08	nq #	76
80) Benzo(a)anthracene	13.91	228	908362	41.11	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	225108	15.24	nq	98
82) Chrysene	13.94	228	913749	38.05	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	551471	34.35	nq #	96
84) Di-n-octyl phthalate	14.51	149	899298	35.77	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	825566	46.39	nq	97
87) Benzo(b)fluoranthene	14.95	252	1584336	81.85	nq	98
88) Benzo(k)fluoranthene	14.95	252	1586531	78.58	nq	99
89) Benzo(a)pyrene	15.25	252	737144	40.34	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	690972	46.20	nq	99
91) Benzo(g,h,i)perylene	17.05	276	699193	46.65	nq	95

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

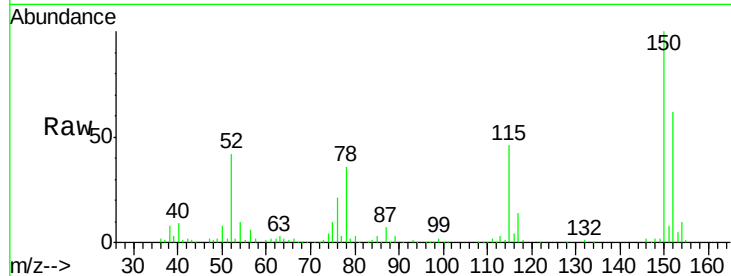


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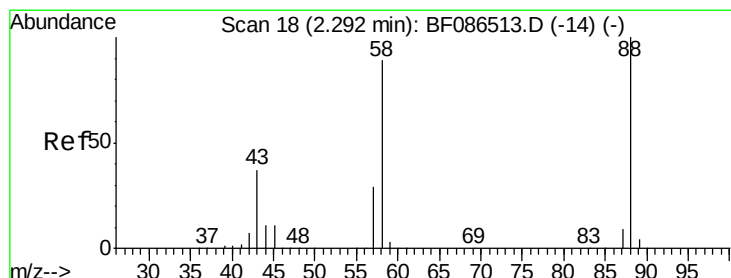
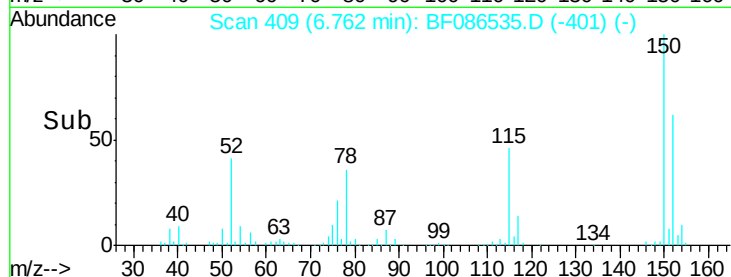
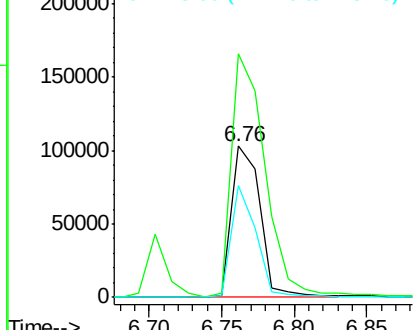
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141332
Ion Ratio Lower Upper
152 100
150 161.3 125.8 188.6
115 73.7 51.5 77.3



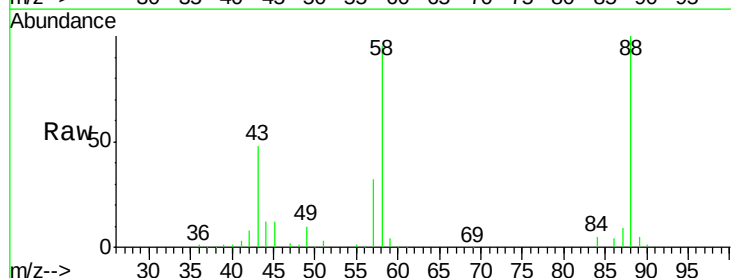
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



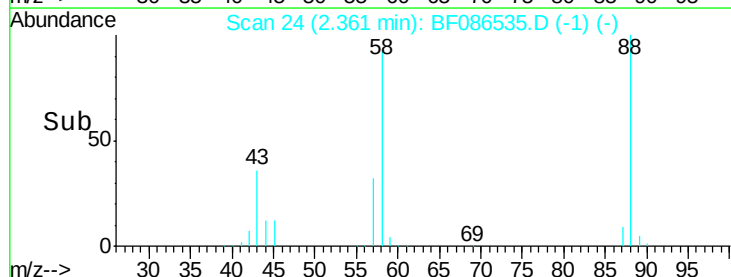
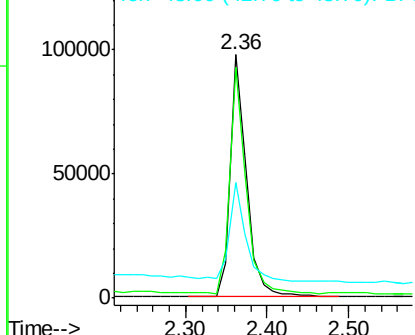
#2

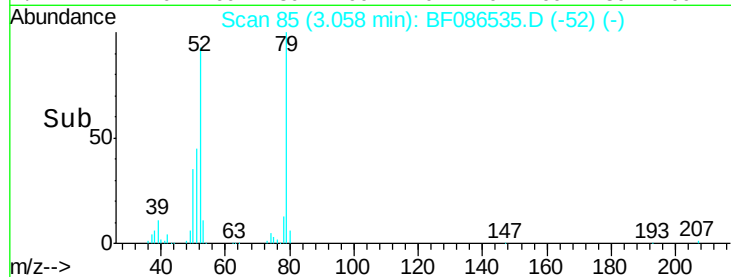
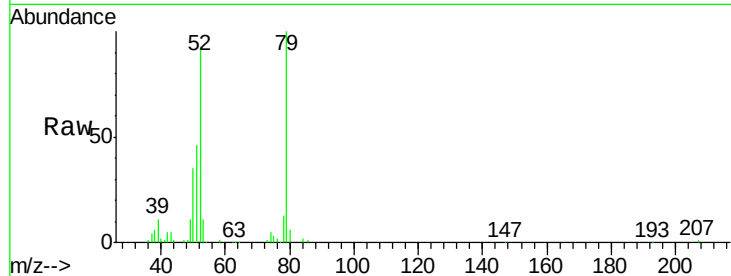
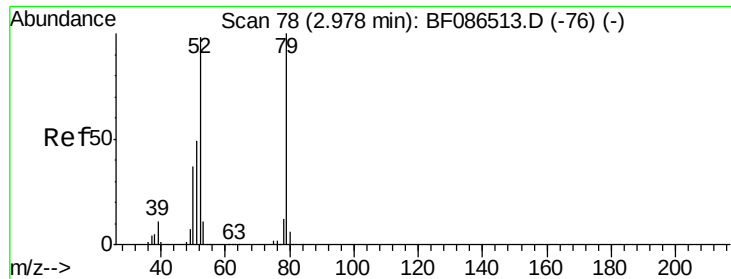
1,4-Dioxane
Concen: 31.09 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.07 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion: 88 Resp: 133803
Ion Ratio Lower Upper
88 100
58 92.0 59.6 89.4#
43 40.8 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

Pvridine

Concen: 36.97 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

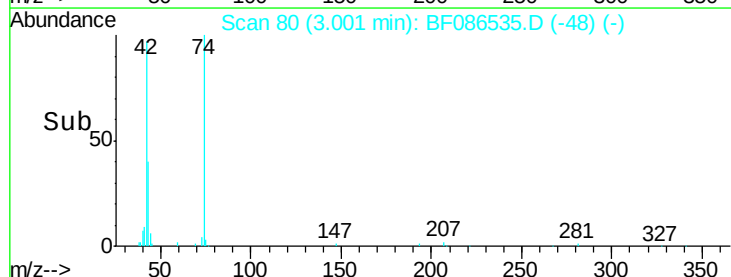
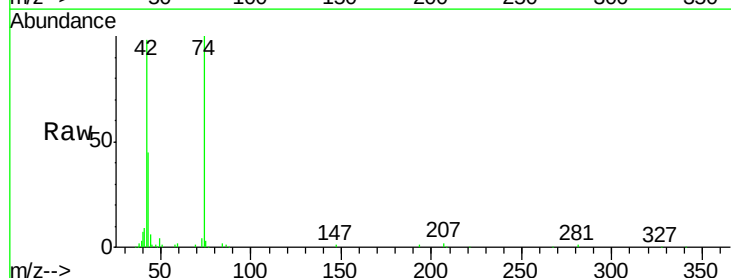
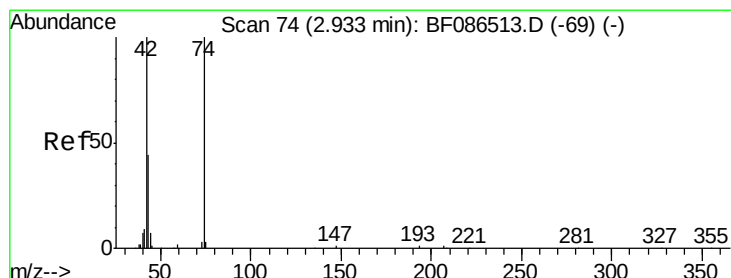
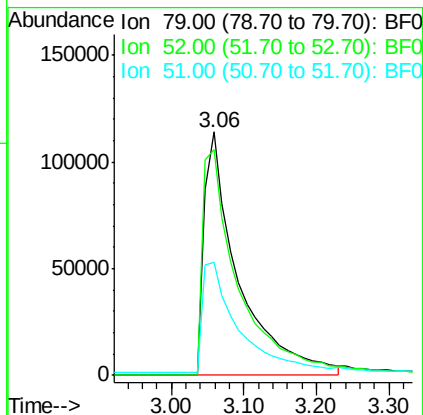
Tot Ion: 79 Resp: 376590

Ion Ratio Lower Upper

79 100

52 92.7 55.9 83.9#

51 46.2 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 42.32 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

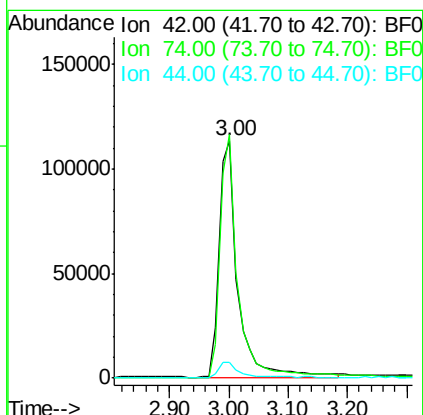
Tgt Ion: 42 Resp: 245690

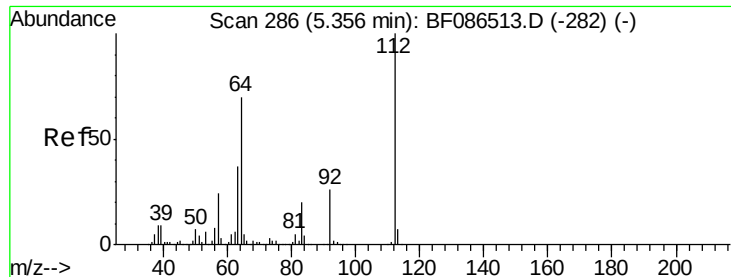
Ion Ratio Lower Upper

42 100

74 102.5 123.4 185.0#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 130.73 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

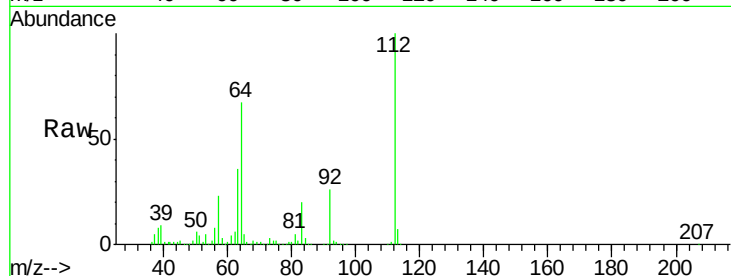
Tot Ion:112 Resp: 1071142

Ion Ratio Lower Upper

112 100

64 66.7 52.1 78.1

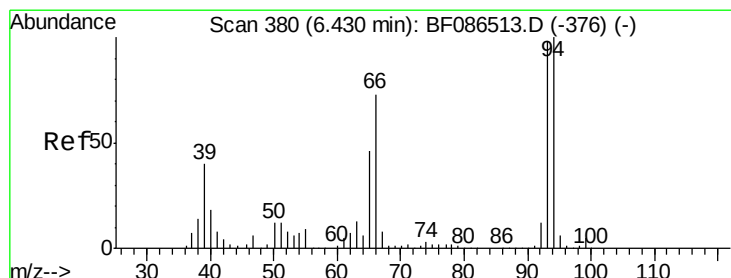
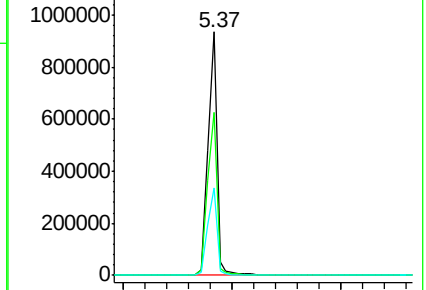
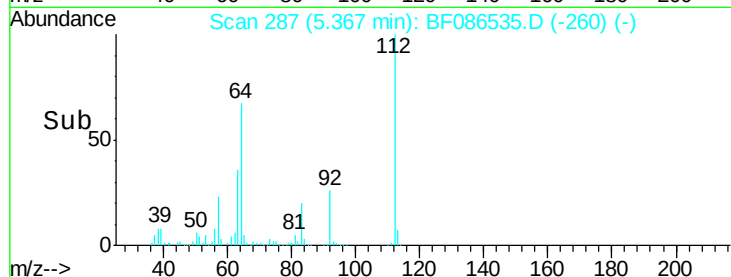
63 35.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.71 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

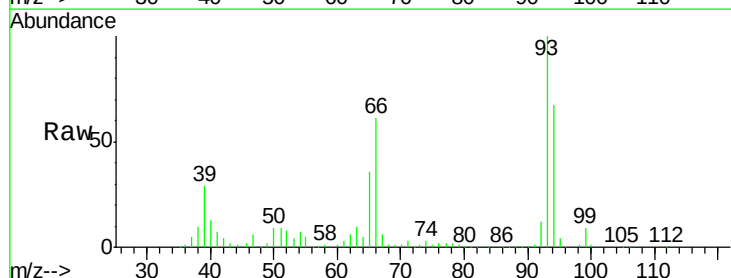
Tgt Ion: 93 Resp: 480369

Ion Ratio Lower Upper

93 100

66 61.1 39.0 58.6#

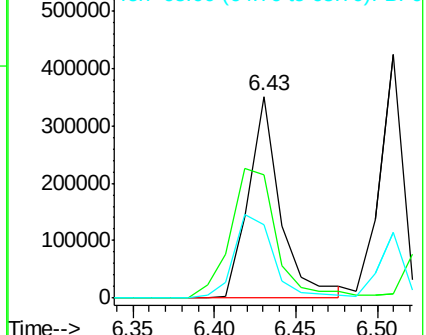
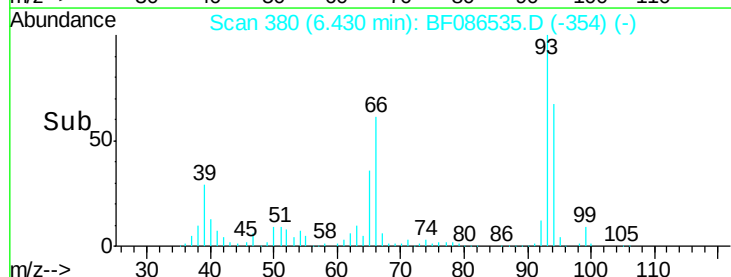
65 36.1 20.6 31.0#

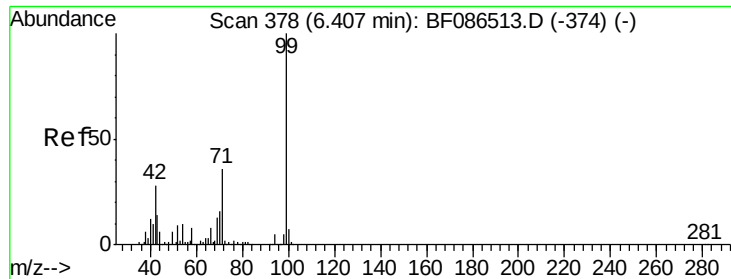


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.62 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

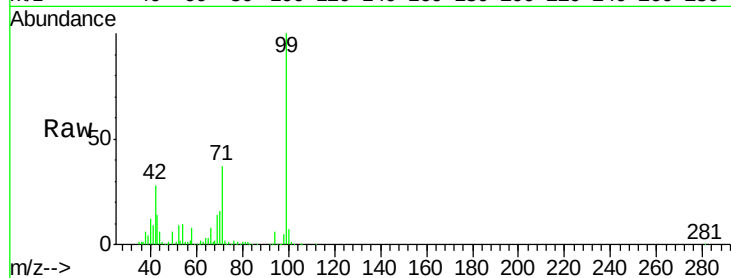
Instrument :

BNA_F

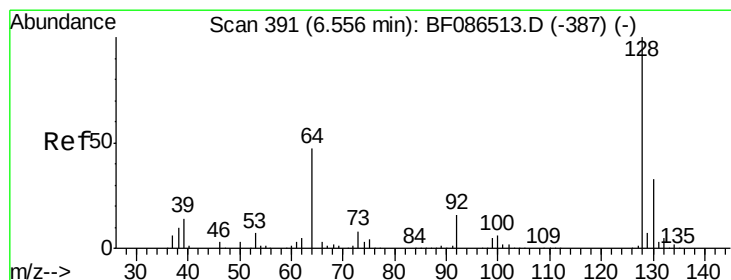
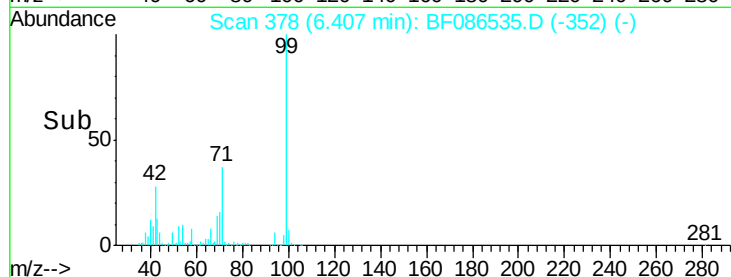
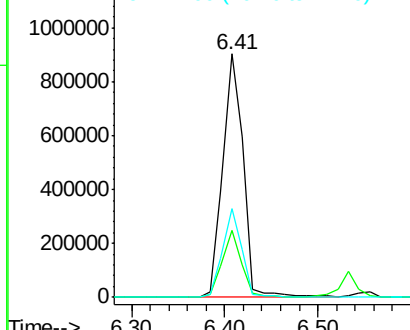
ClientSampleId :

Tot Ion: 99 Resp: 1379404

Ion	Ratio	Lower	Upper
99	100		
42	27.7	13.6	20.4#
71	36.6	24.6	36.8



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



#8

2-Chlorophenol

Concen: 40.67 ng

RT: 6.56 min Scan# 391

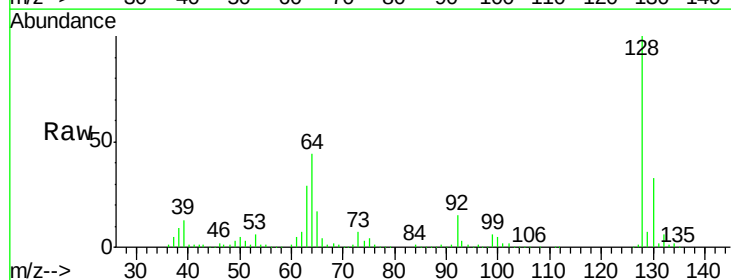
Delta R.T. 0.00 min

Lab File: BF086535.D

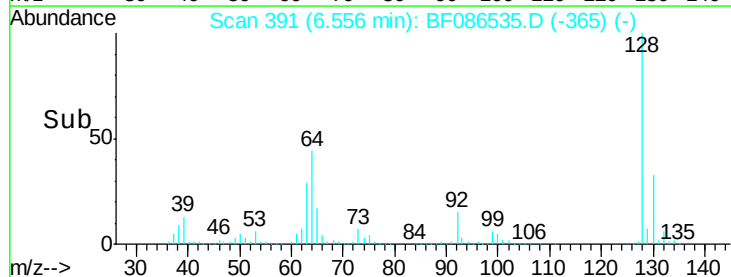
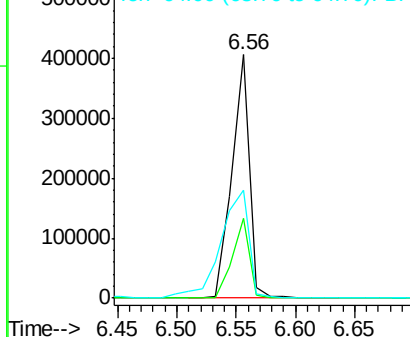
Acq: 30 Apr 2016 20:40

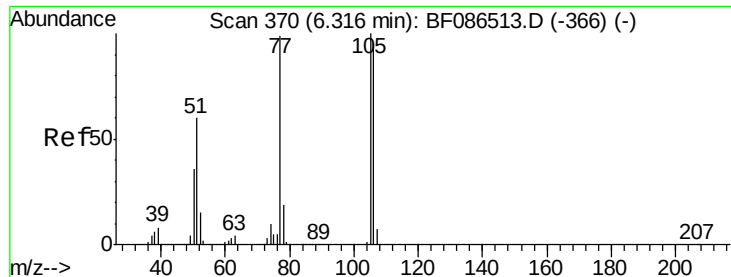
Tgt Ion:128 Resp: 415107

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	44.3	27.3	67.3



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





#9

Benzaldehyde

Concen: 10.49 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampled :

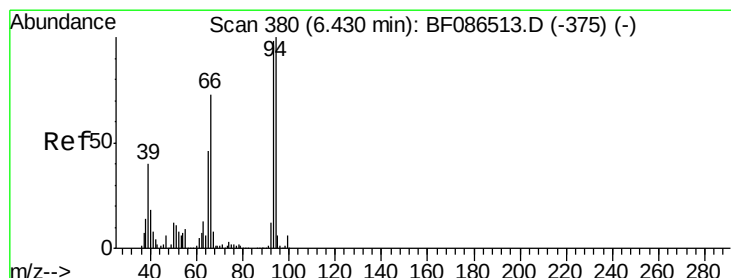
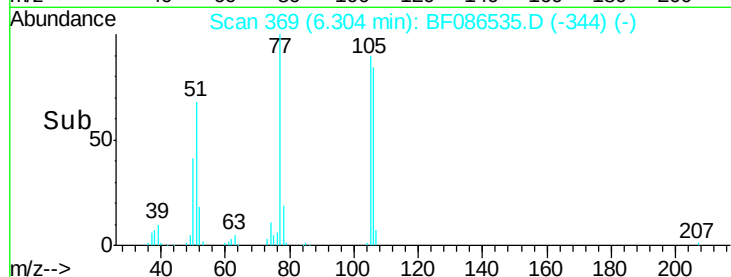
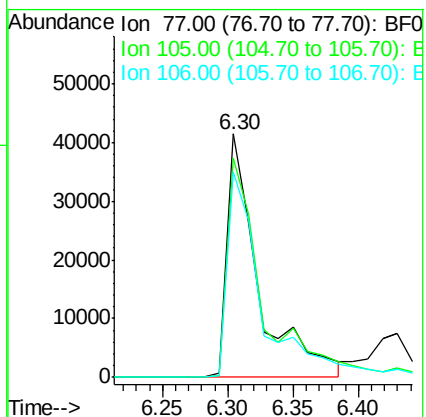
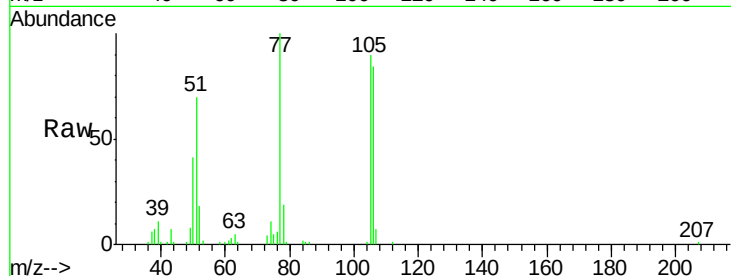
Tot Ion: 77 Resp: 69810

Ion Ratio Lower Upper

77 100

105 89.9 72.7 112.7

106 84.4 70.8 110.8



#10

Phenol

Concen: 35.68 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

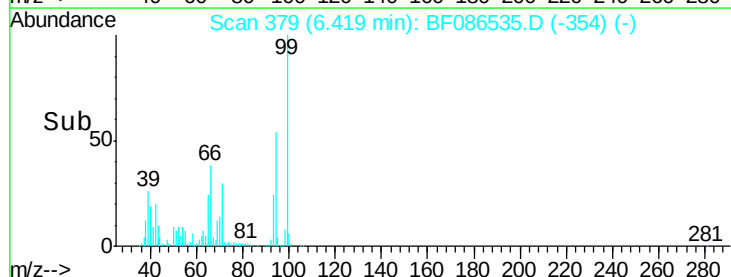
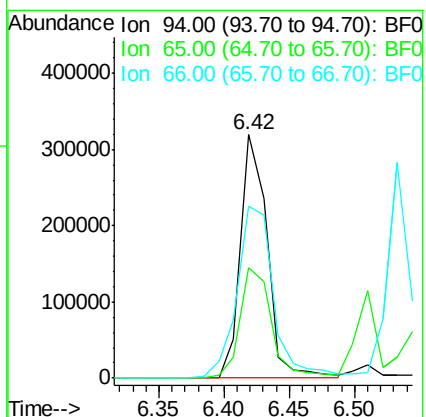
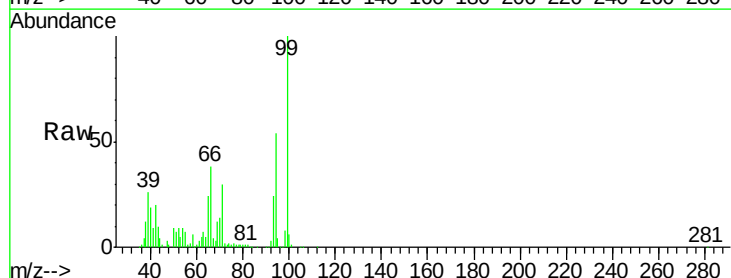
Tgt Ion: 94 Resp: 455229

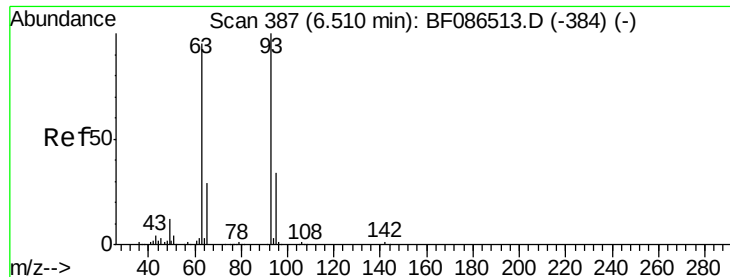
Ion Ratio Lower Upper

94 100

65 45.5 7.2 47.2

66 70.6 14.9 54.9#

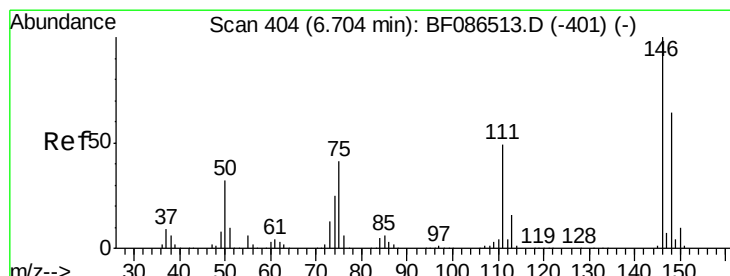
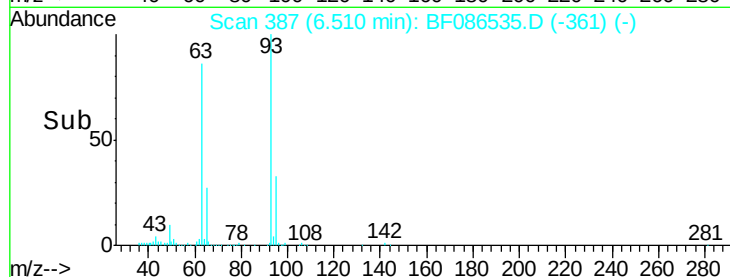
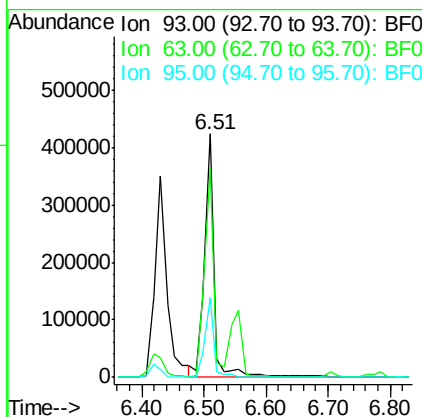
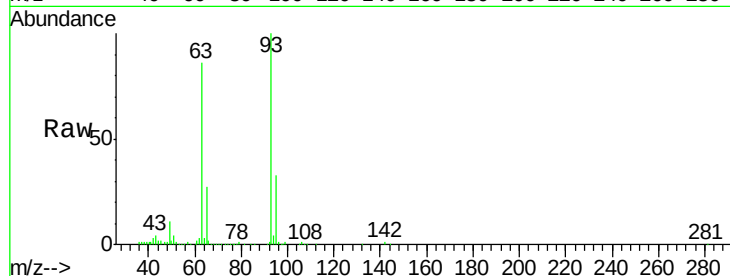




#11
bis(2-Chloroethyl)ether
Concen: 41.09 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

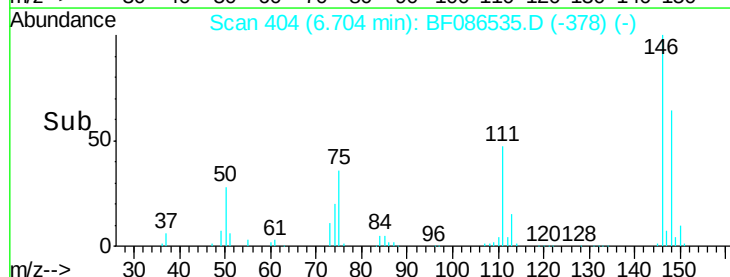
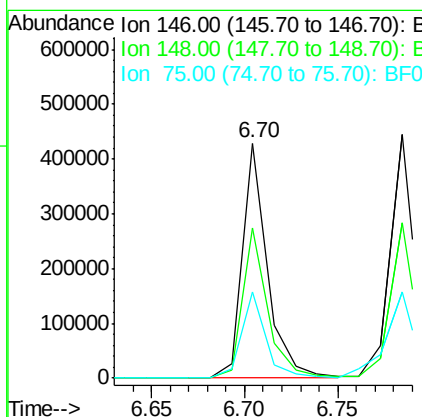
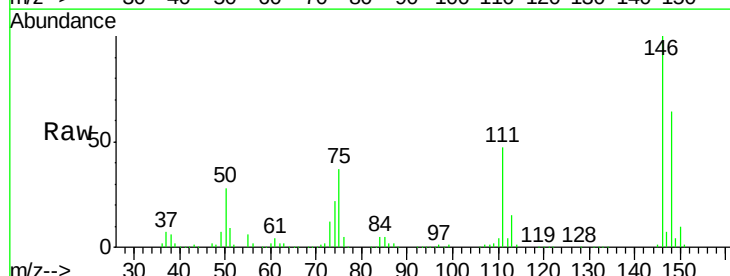
Instrument :
BNA_F
ClientSampleId :

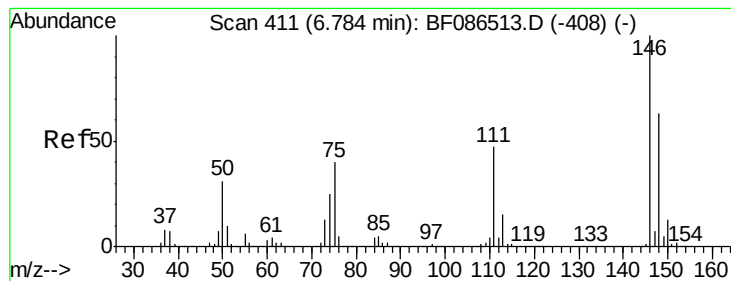
Tot Ion: 93 Resp: 453193
Ion Ratio Lower Upper
93 100
63 85.6 58.0 98.0
95 33.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 36.54 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion: 146 Resp: 401104
Ion Ratio Lower Upper
146 100
148 63.9 52.4 78.6
75 36.5 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 37.69 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampled :

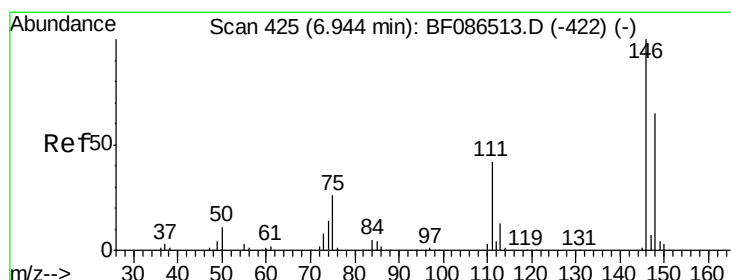
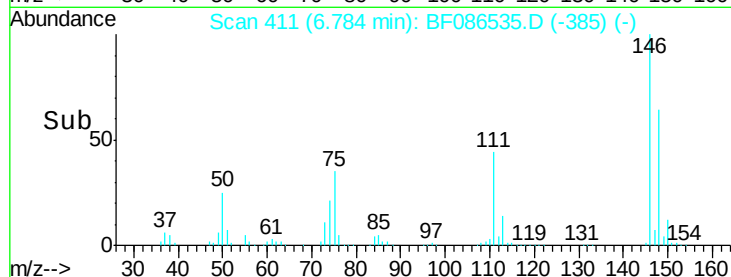
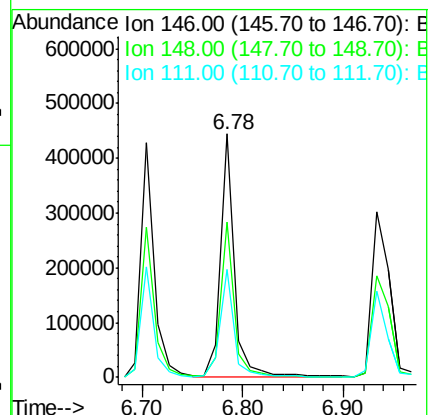
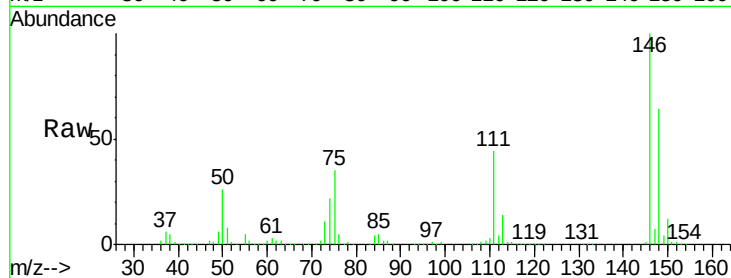
Tot Ion:146 Resp: 426870

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.4

111 44.2 30.7 46.1



#14

1,2-Dichlorobenzene

Concen: 36.34 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

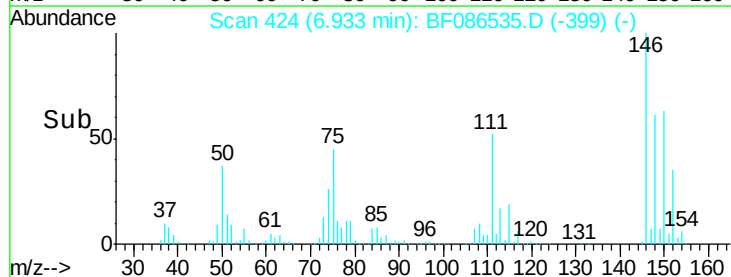
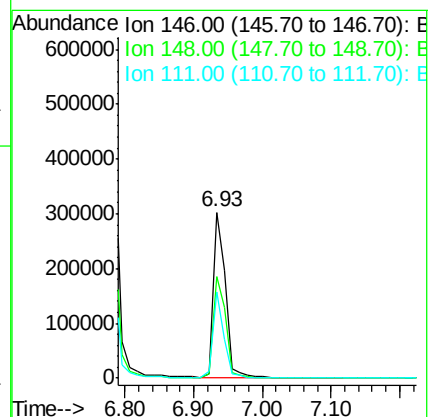
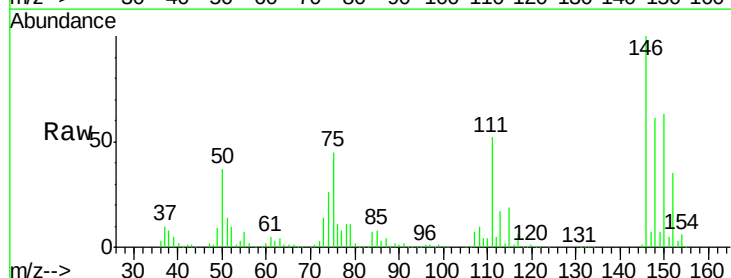
Tgt Ion:146 Resp: 377509

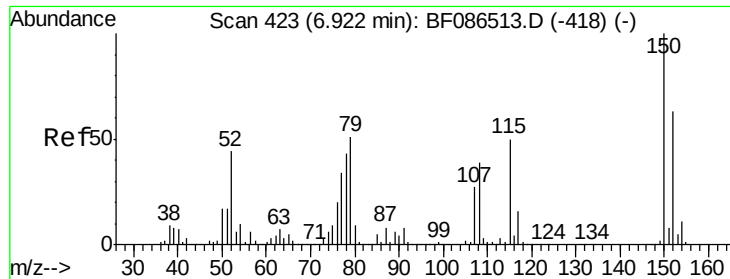
Ion Ratio Lower Upper

146 100

148 61.5 51.0 76.6

111 51.8 36.2 54.4

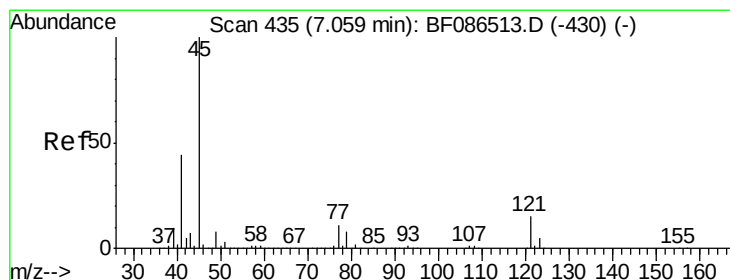
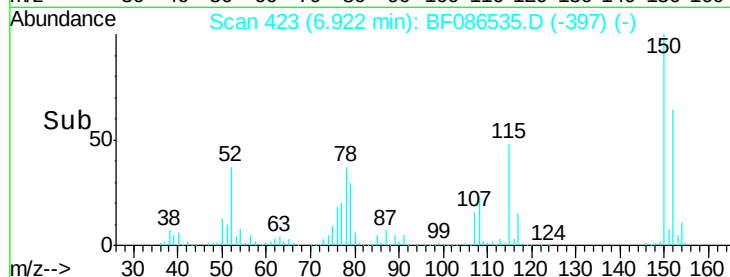
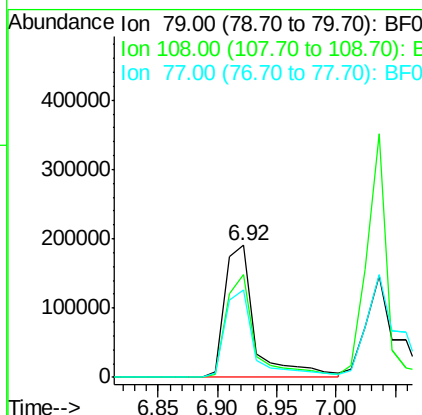
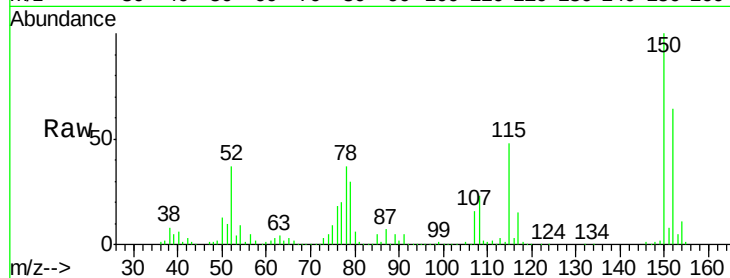




#15
Benzyl Alcohol
Concen: 46.49 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

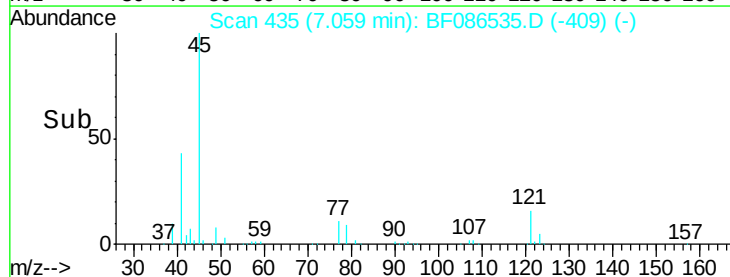
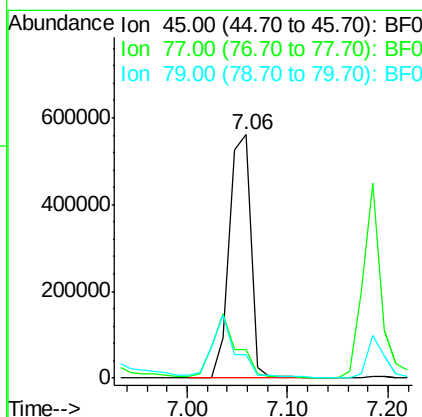
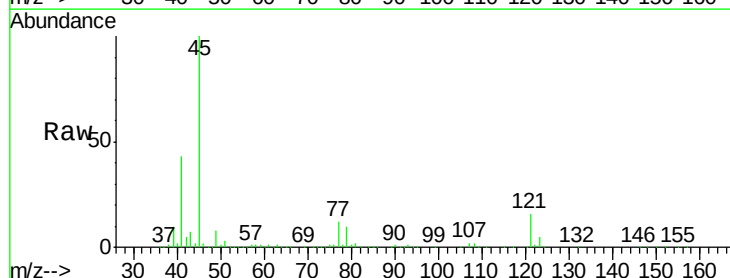
Instrument :
BNA_F
ClientSampled :

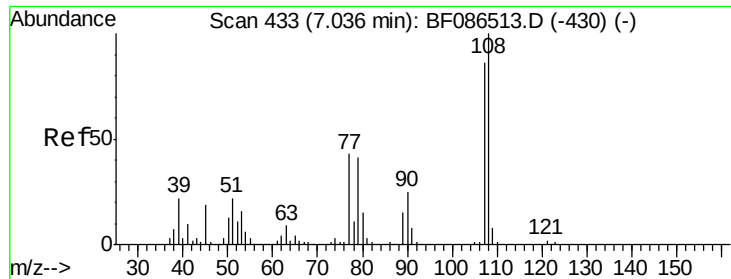
Tot Ion: 79 Resp: 336329
Ion Ratio Lower Upper
79 100
108 77.7 68.4 102.6
77 66.0 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.95 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion: 45 Resp: 837789
Ion Ratio Lower Upper
45 100
77 11.8 0.0 36.4
79 9.7 0.0 33.4





#17

2-Methylphenol

Concen: 43.19 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 356291

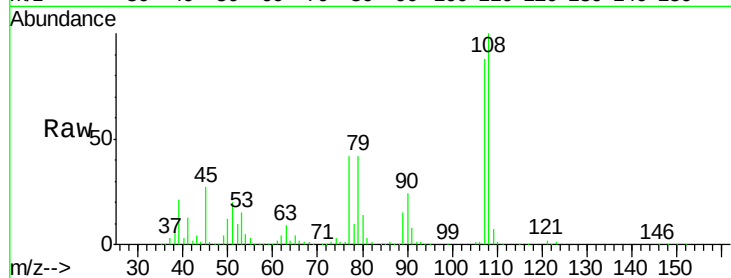
Ion Ratio Lower Upper

107 100

108 114.0 93.7 140.5

77 48.0 33.4 50.0

79 47.3 34.3 51.5

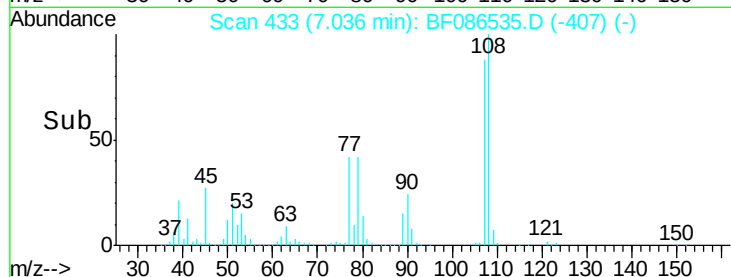


Abundance Ion 107.00 (106.70 to 107.70): E

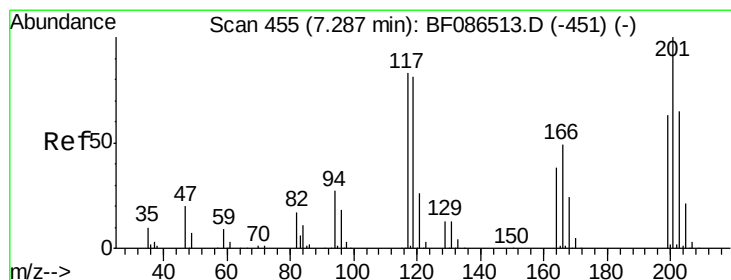
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 36.16 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

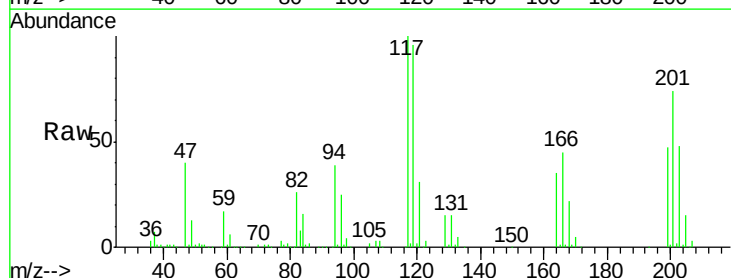
Tgt Ion:117 Resp: 153030

Ion Ratio Lower Upper

117 100

119 96.2 76.5 114.7

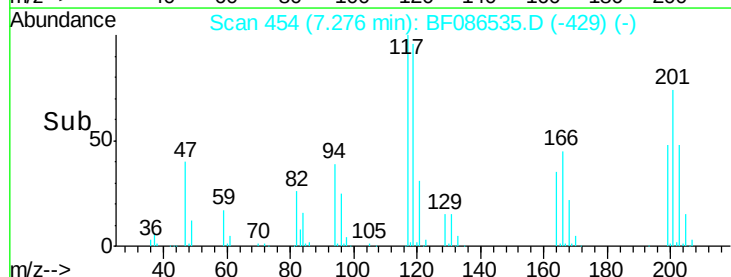
201 74.1 63.0 94.6



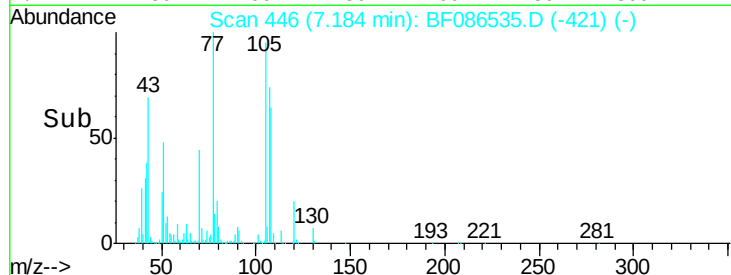
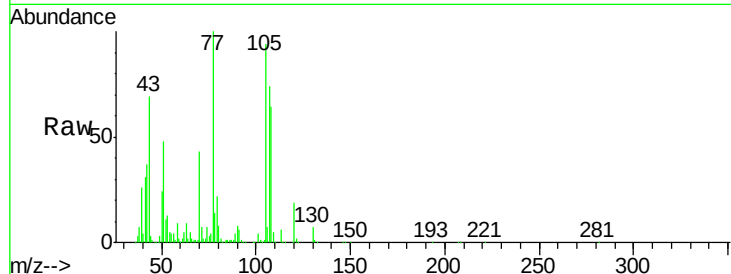
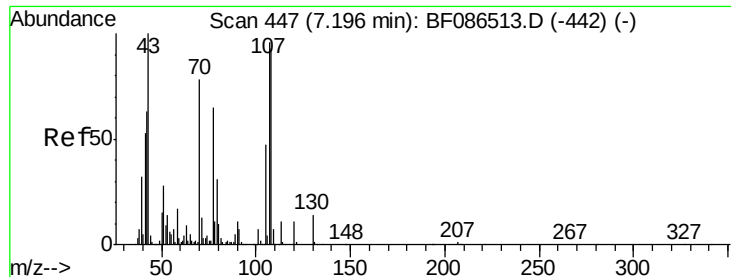
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



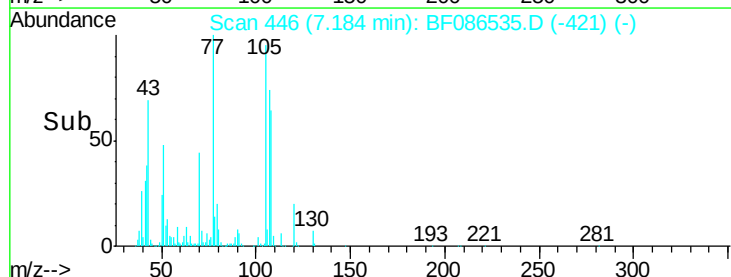
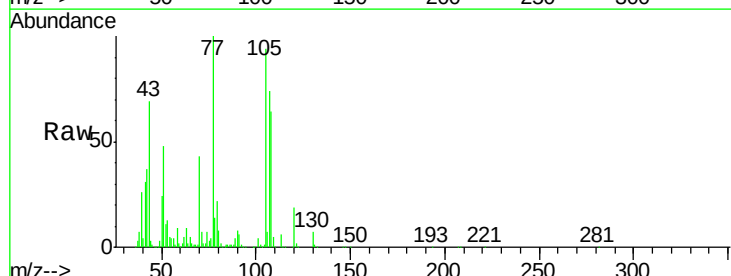
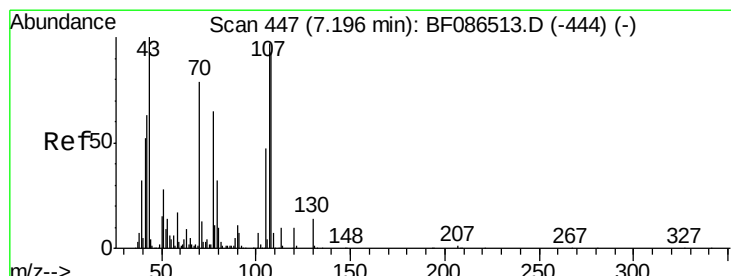
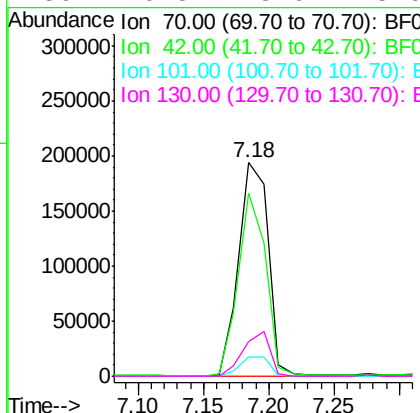
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 40.53 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

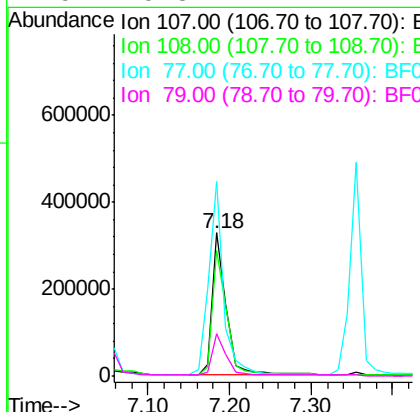
Instrument :
BNA_F
ClientSampleId :

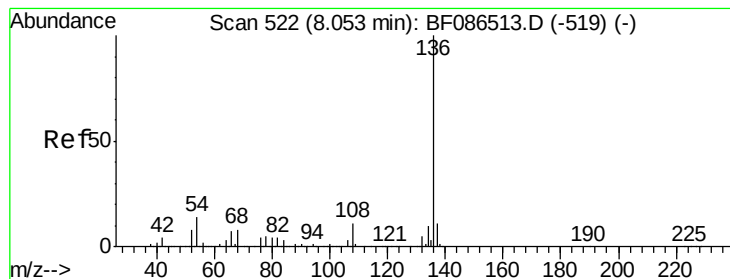
Tot Ion: 70 Resp: 306406
Ion Ratio Lower Upper
70 100
42 85.9 43.1 64.7#
101 8.7 8.1 12.1
130 16.3 18.6 28.0#



#20
3+4-Methylphenols
Concen: 42.24 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion:107 Resp: 397856
Ion Ratio Lower Upper
107 100
108 87.3 68.5 108.5
77 136.0 101.6 141.6
79 29.8 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 625480

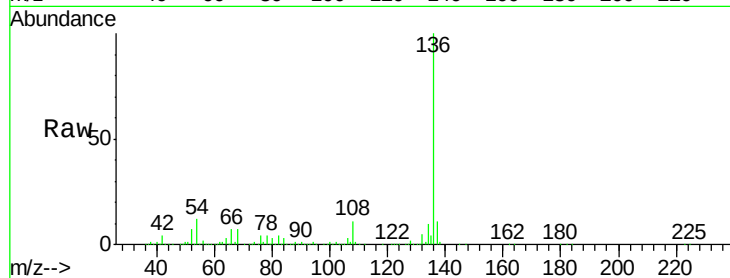
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 12.3 5.0 7.4#

68 7.4 4.4 6.6#

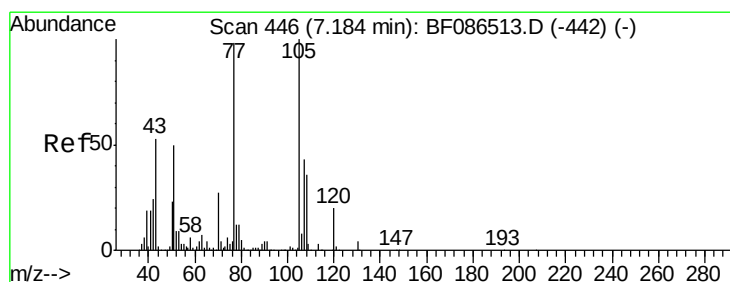
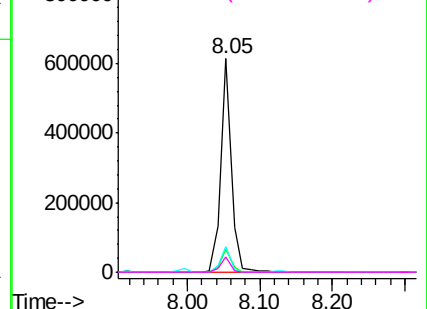
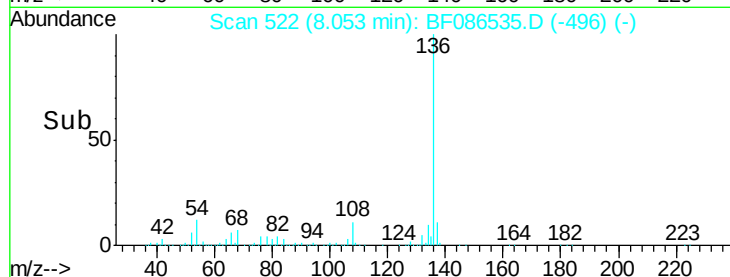


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.63 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Tgt Ion:105 Resp: 557280

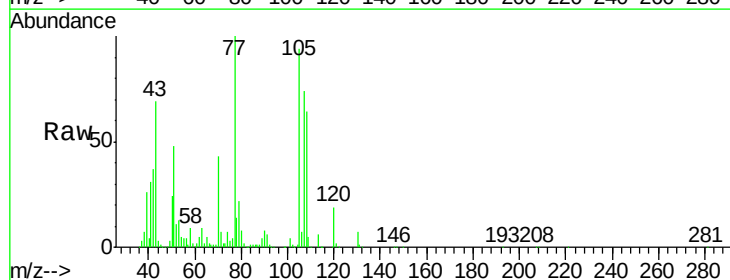
Ion Ratio Lower Upper

105 100

71 7.5 4.8 7.2#

51 51.6 32.6 49.0#

120 20.6 16.5 24.7

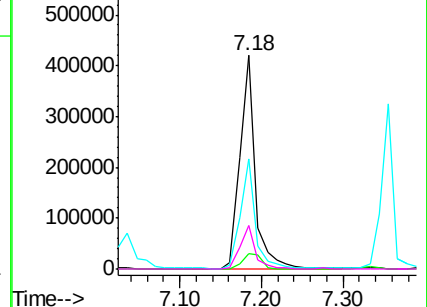
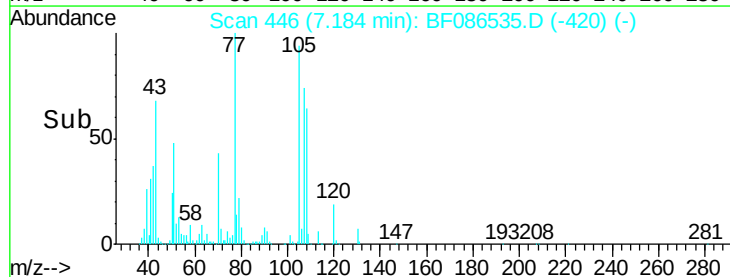


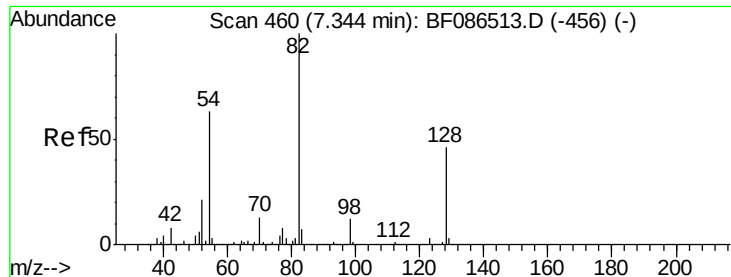
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

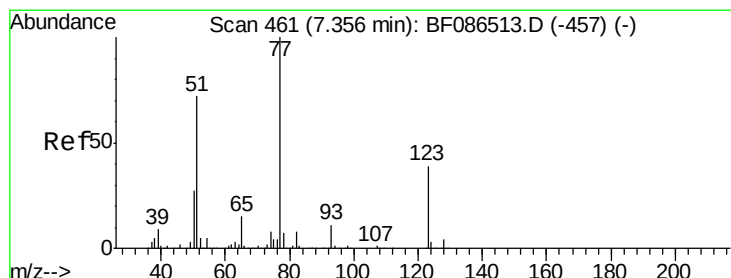
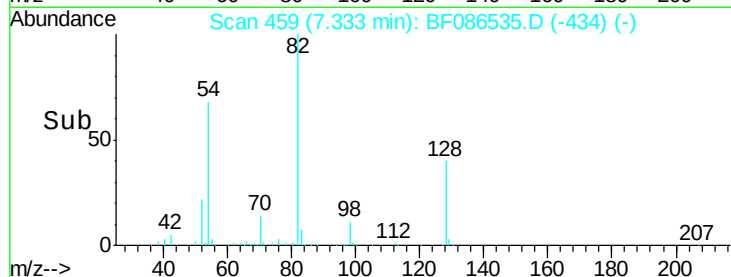
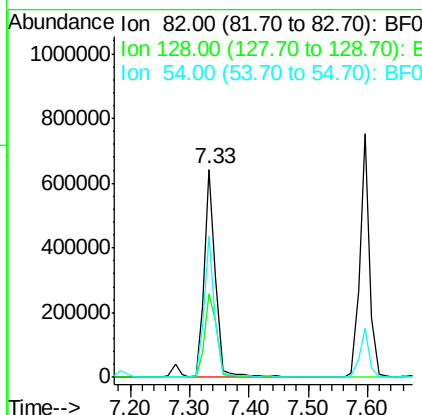
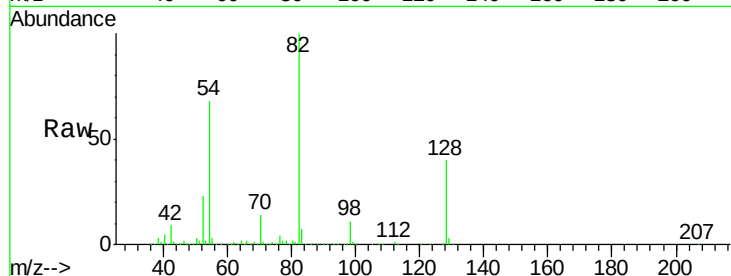




#23
 Nitrobenzene-d5
 Concen: 75.50 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

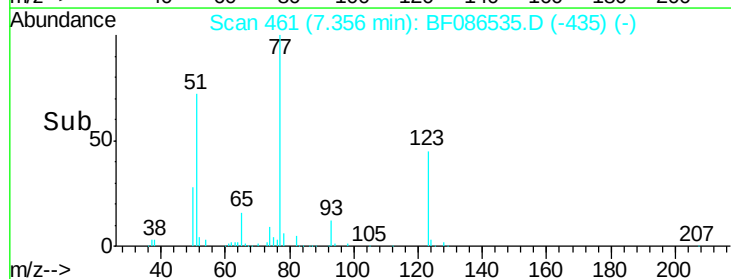
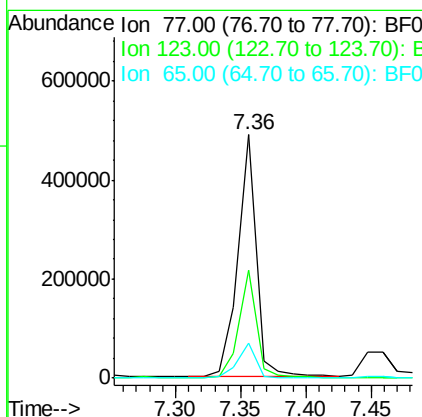
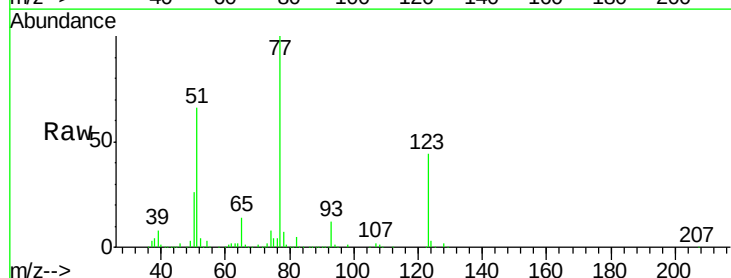
Instrument :
 BNA_F
 ClientSampleId :

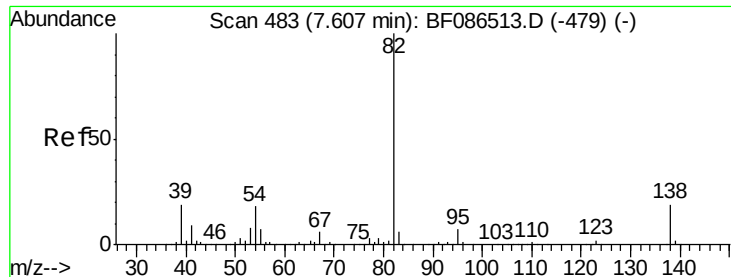
Tot Ion: 82 Resp: 876168
 Ion Ratio Lower Upper
 82 100
 128 40.2 40.6 61.0#
 54 68.0 38.1 57.1#



#24
 Nitrobenzene
 Concen: 40.10 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion: 77 Resp: 478704
 Ion Ratio Lower Upper
 77 100
 123 44.3 33.0 49.4
 65 14.4 10.8 16.2





#25

Isophorone

Concen: 37.54 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

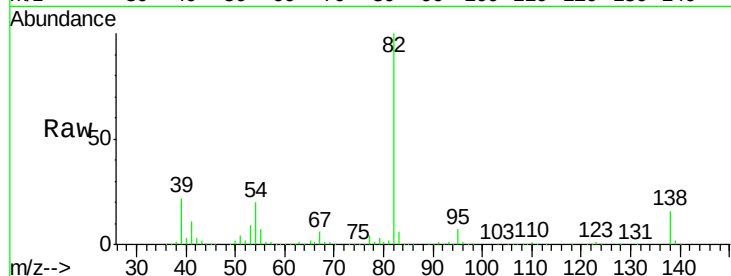
Tot Ion: 82 Resp: 838497

Ion Ratio Lower Upper

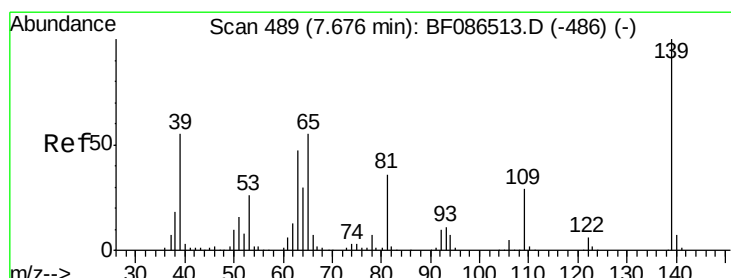
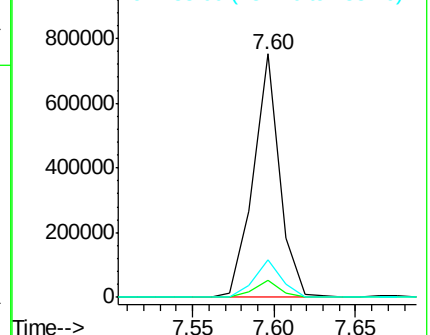
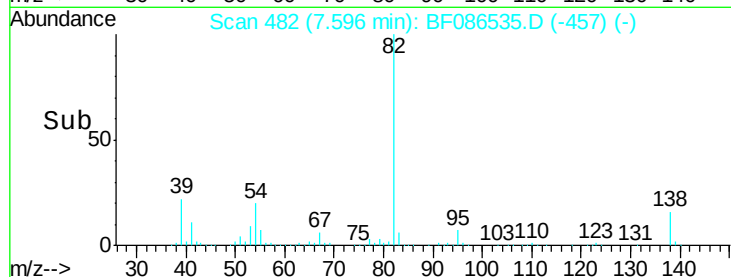
82 100

95 6.8 5.1 7.7

138 15.6 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.70 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

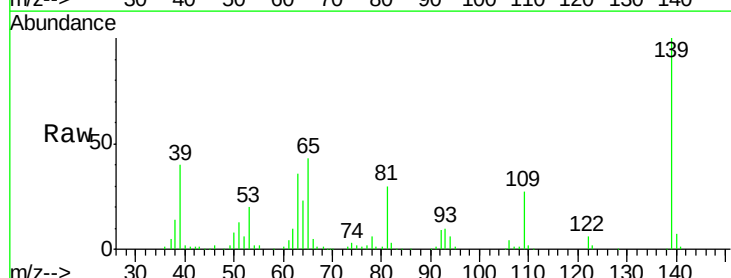
Tgt Ion: 139 Resp: 218209

Ion Ratio Lower Upper

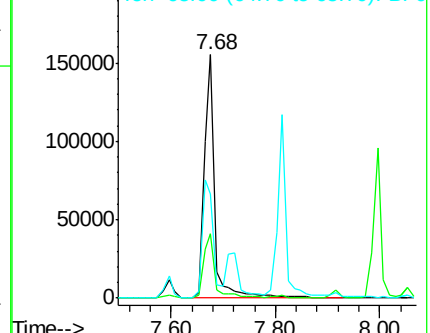
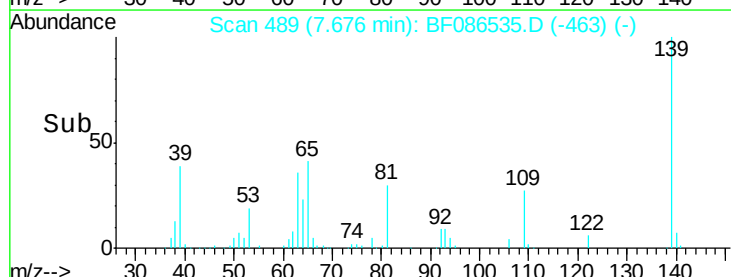
139 100

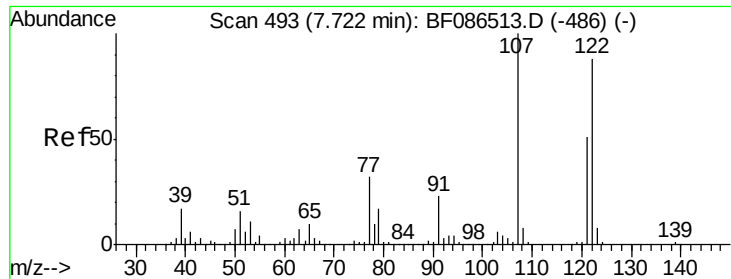
109 26.5 19.5 29.3

65 42.6 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 41.23 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

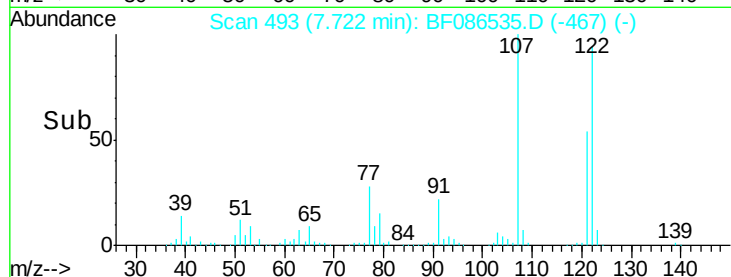
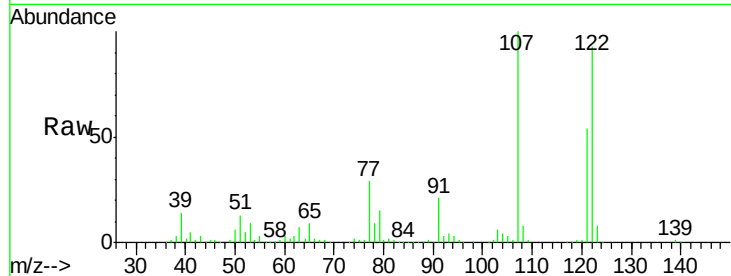
Tot Ion:122 Resp: 397565

Ion Ratio Lower Upper

122 100

107 107.1 82.0 123.0

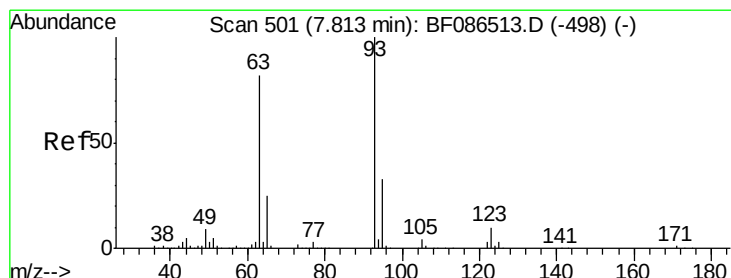
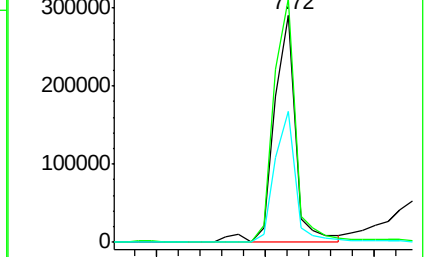
121 57.4 46.1 69.1



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: 43.47 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

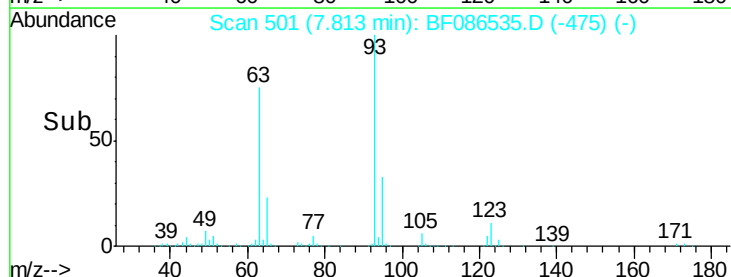
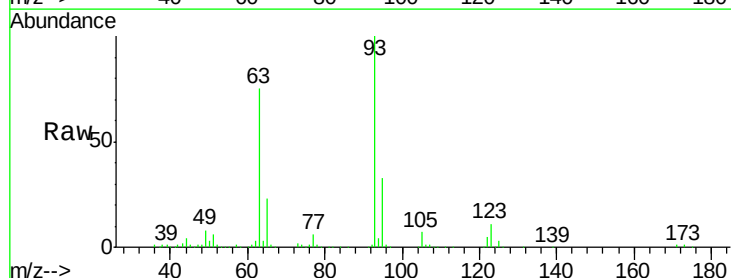
Tgt Ion: 93 Resp: 528853

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

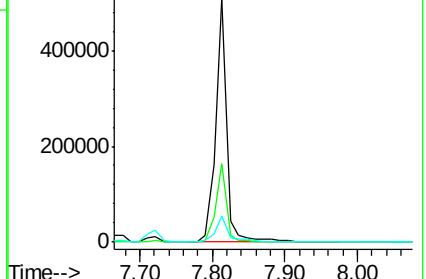
123 10.8 9.5 14.3

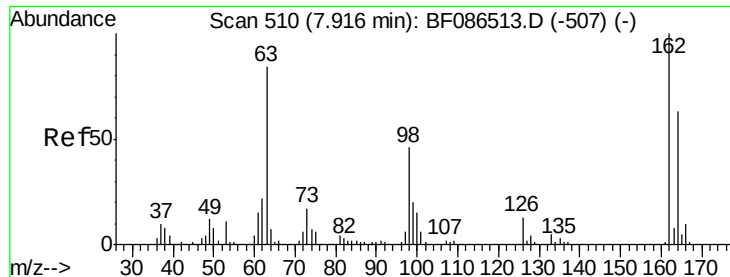


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

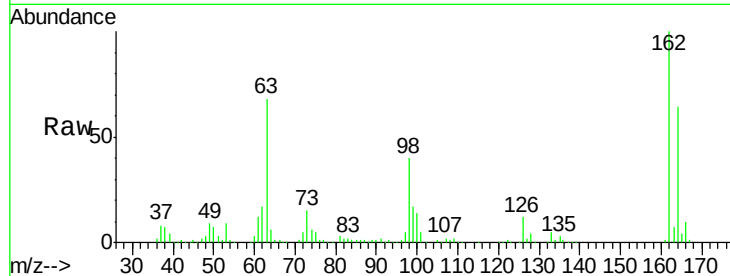




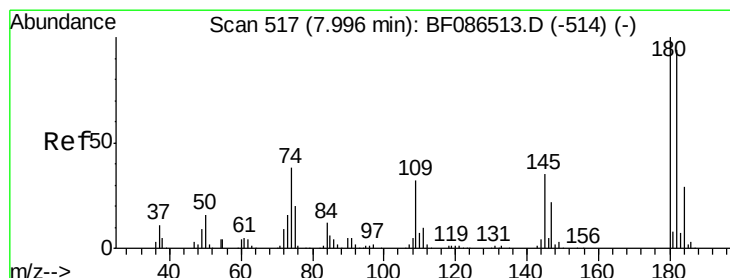
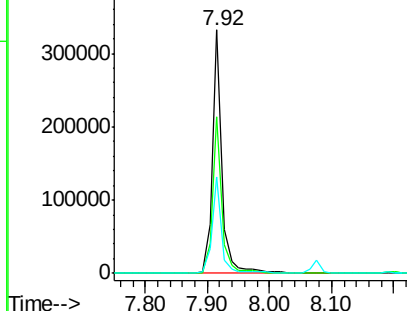
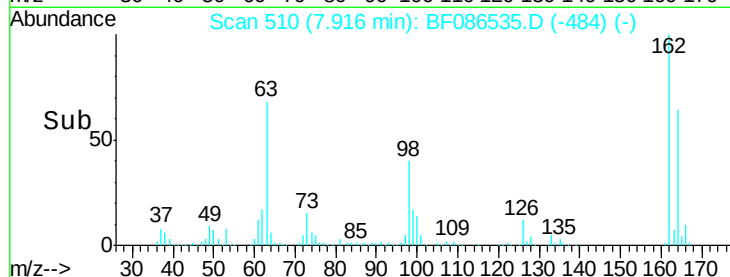
#29
2,4-Dichlorophenol
Concen: 43.15 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.2	82.2
98	39.7	19.0	59.0

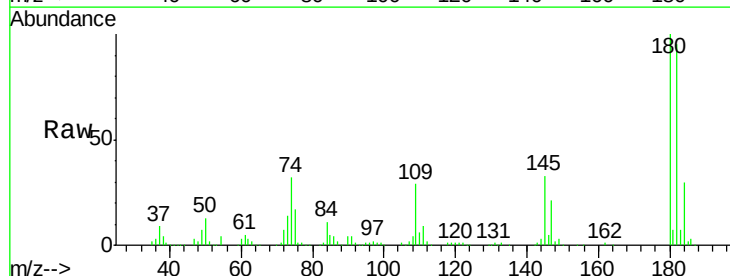


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

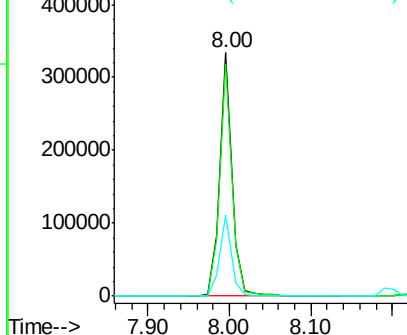
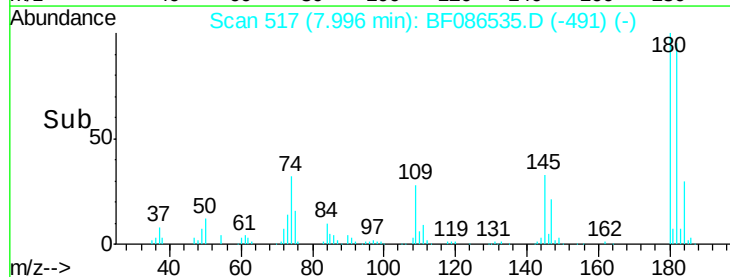


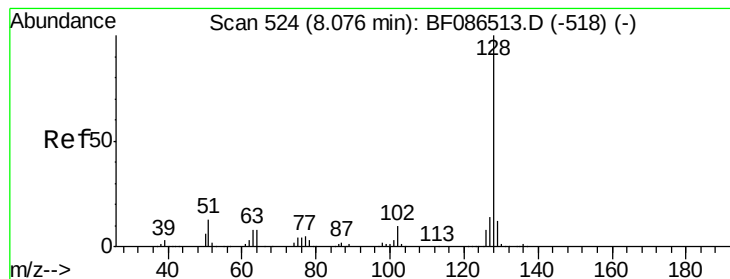
#30
1,2,4-Trichlorobenzene
Concen: 37.02 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.0	117.0
145	33.3	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: 38.75 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

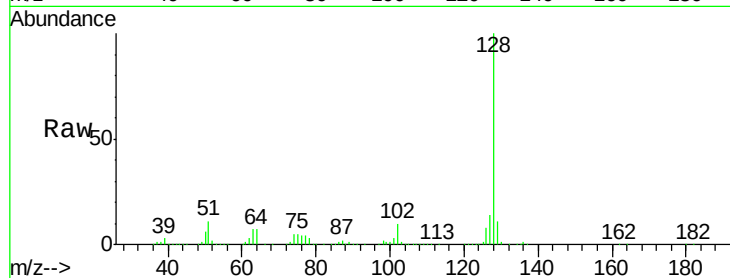
Tot Ion:128 Resp: 1233283

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

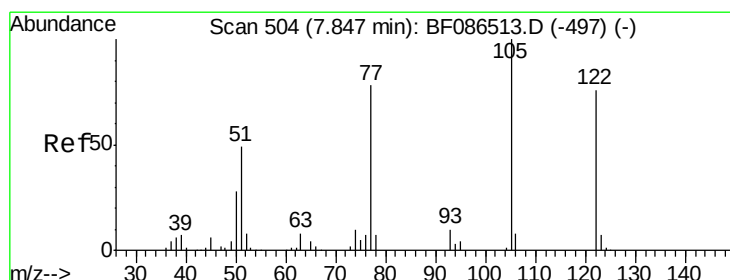
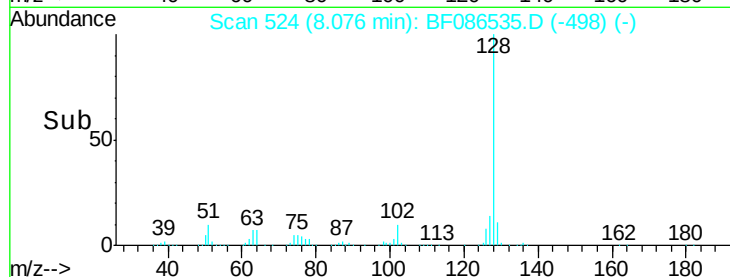
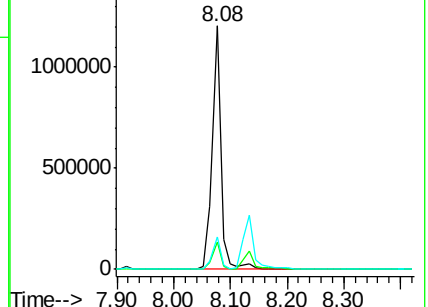
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.87 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

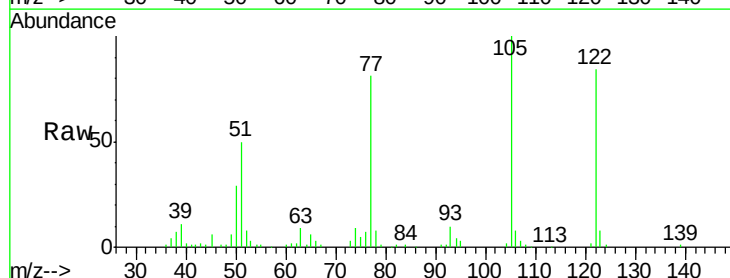
Tgt Ion:122 Resp: 186462

Ion Ratio Lower Upper

122 100

105 119.0 92.6 132.6

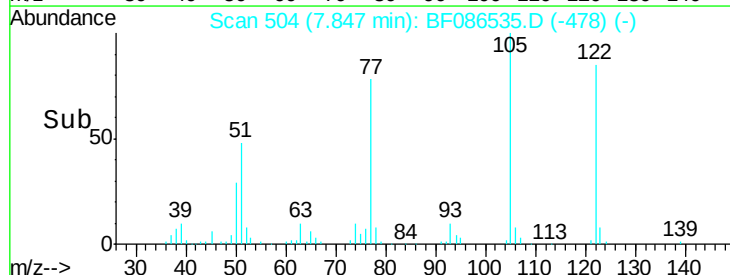
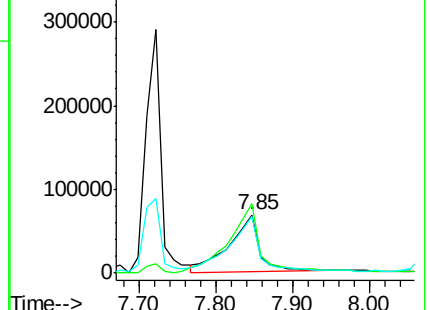
77 96.4 60.0 100.0

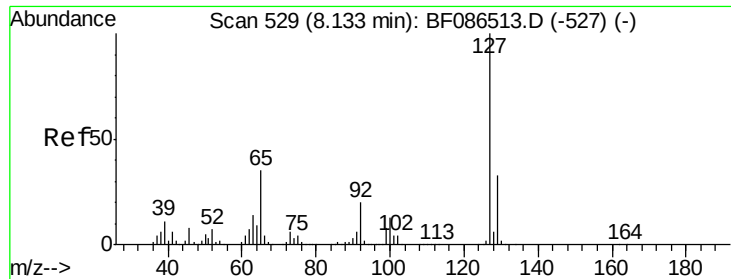


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

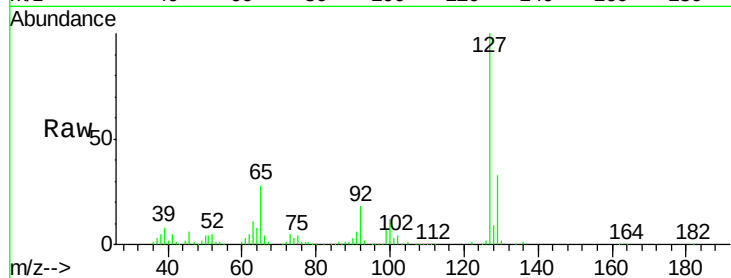




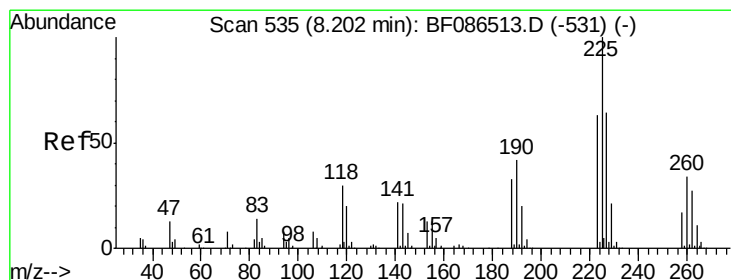
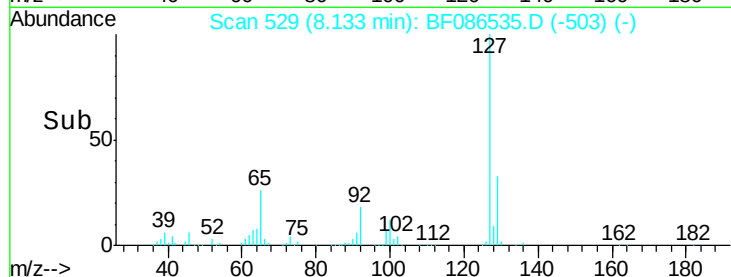
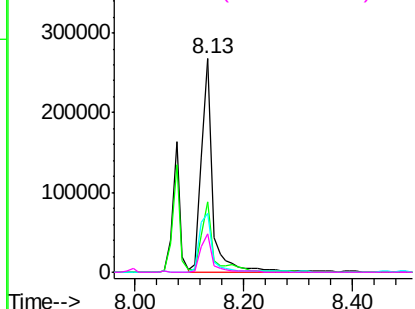
#33
4-Chloroaniline
Concen: 31.68 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	377637
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	27.8	23.0	34.4
92	17.9	15.1	22.7

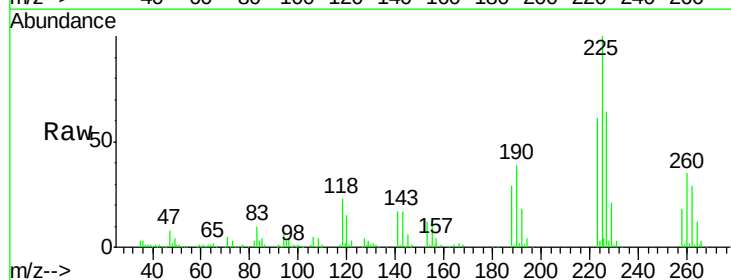


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

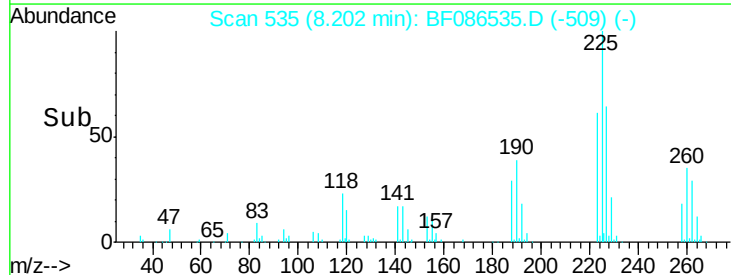
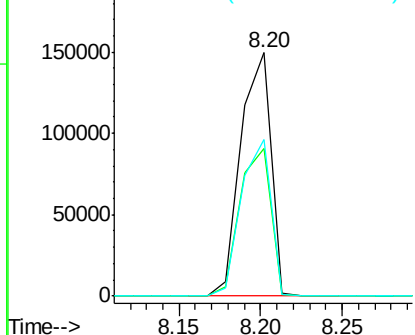


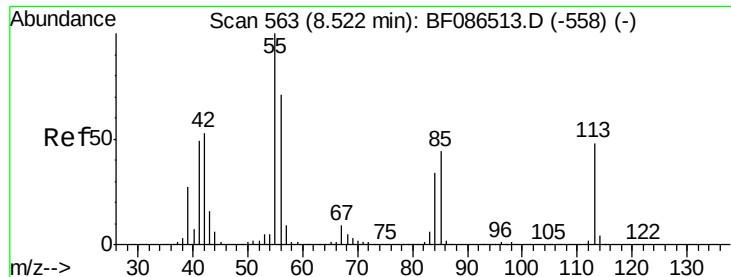
#34
Hexachlorobutadiene
Concen: 36.10 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion:	225	Resp:	191014
Ion	Ratio	Lower	Upper
225	100		
223	60.8	51.5	77.3
227	64.3	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

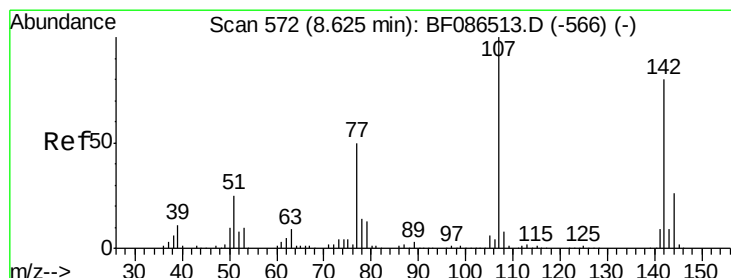
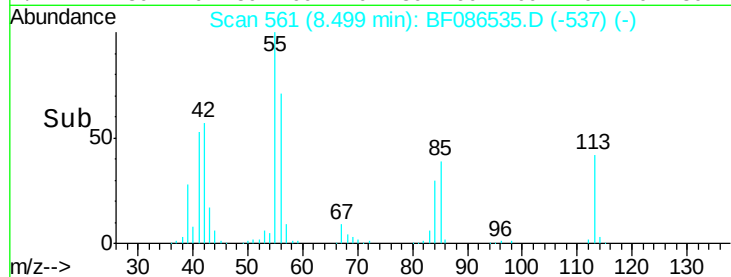
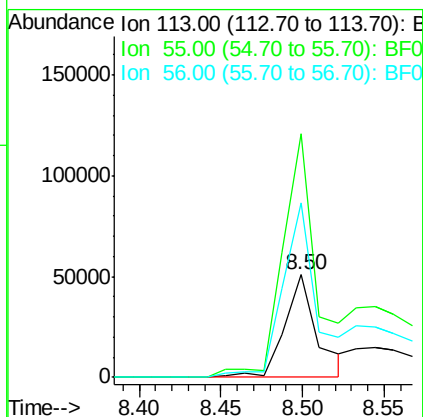
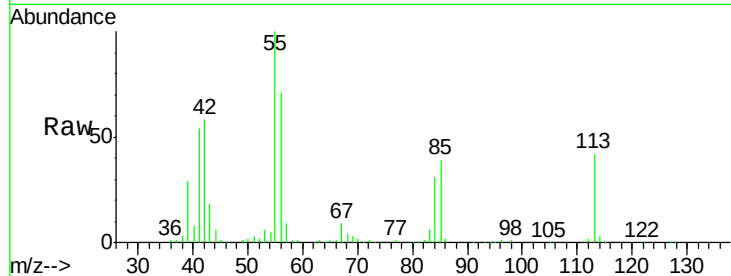




#35
 Caprolactam
 Concen: 25.76 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

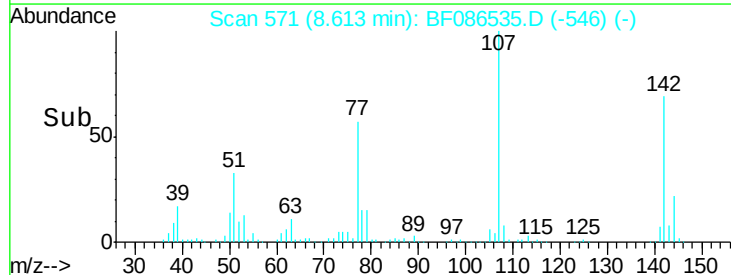
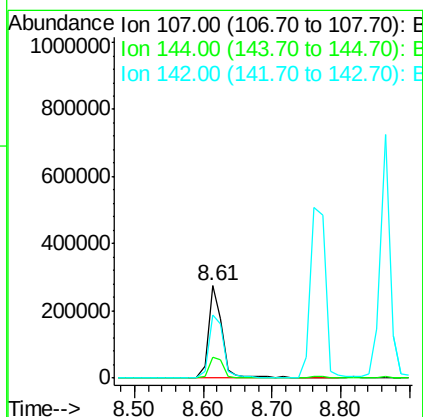
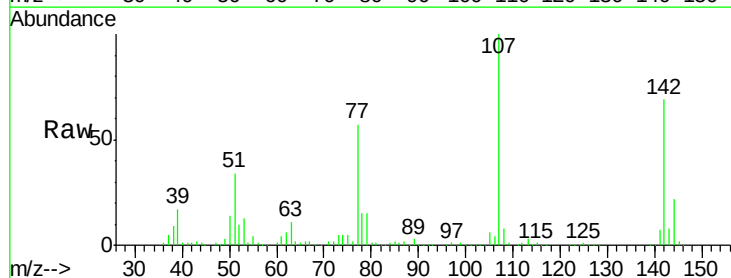
Instrument :
 BNA_F
 ClientSampleId :

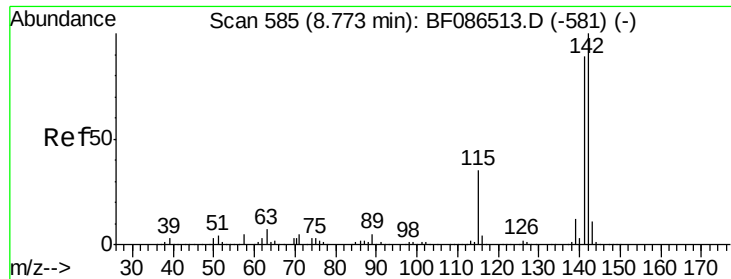
Tot Ion:113 Resp: 69927
 Ion Ratio Lower Upper
 113 100
 55 237.9 162.0 202.0#
 56 170.1 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 41.01 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion:107 Resp: 382051
 Ion Ratio Lower Upper
 107 100
 144 22.1 20.7 31.1
 142 68.9 63.2 94.8

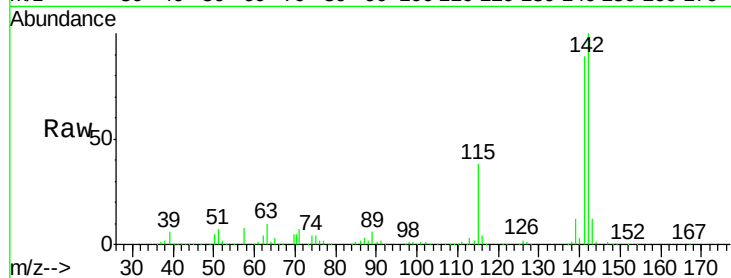




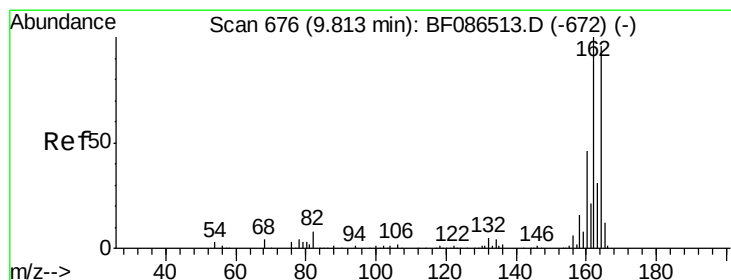
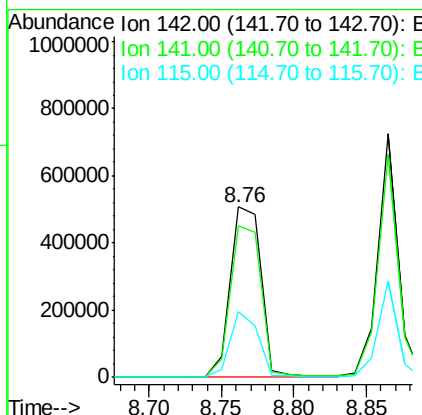
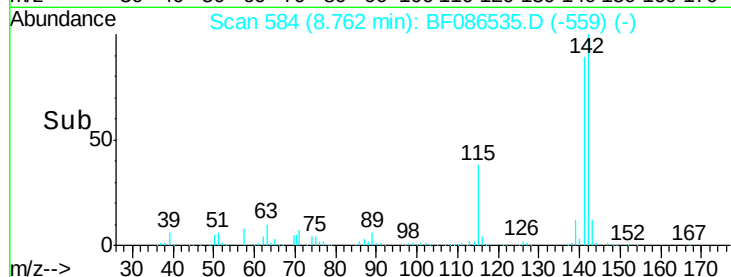
#37
2-Methylnaphthalene
Concen: 40.18 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	38.5	26.6	39.8

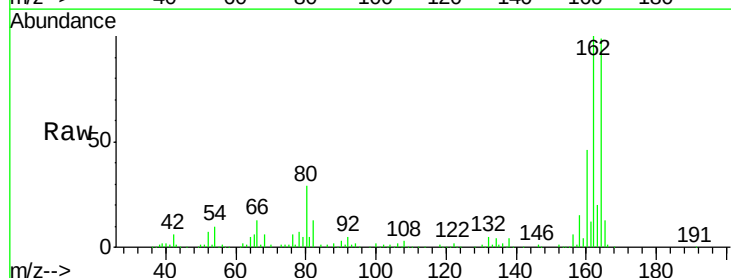


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

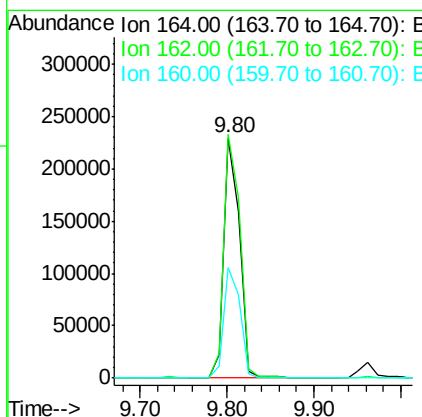
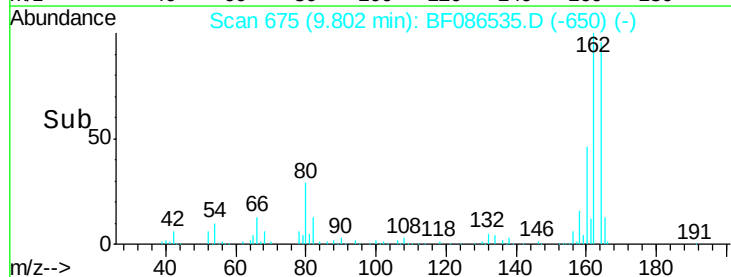


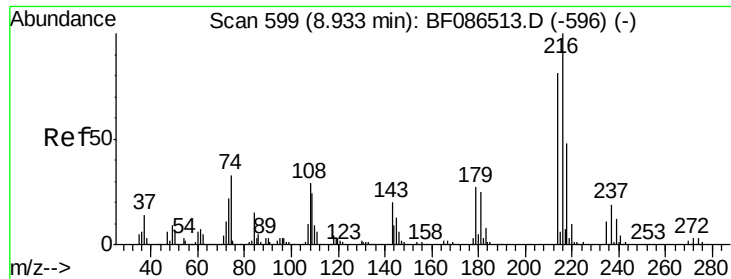
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.8	124.2
160	46.2	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

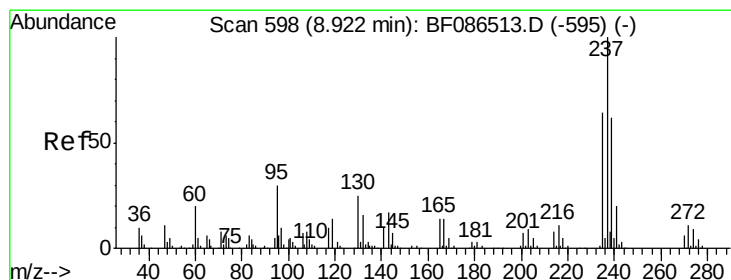
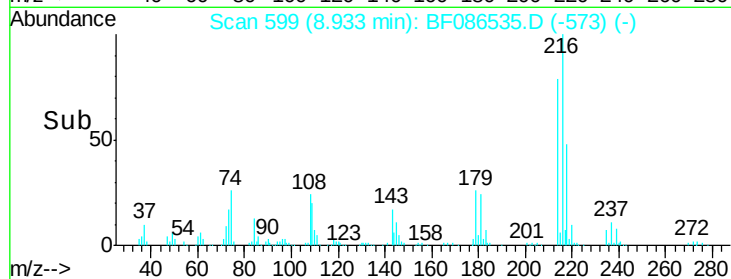
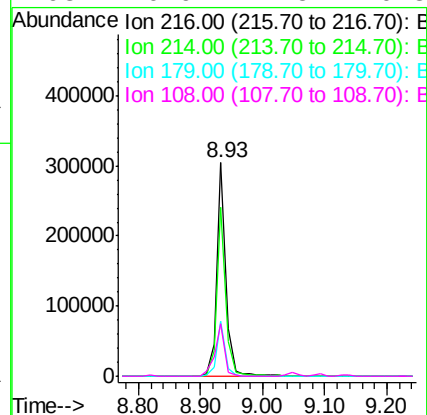
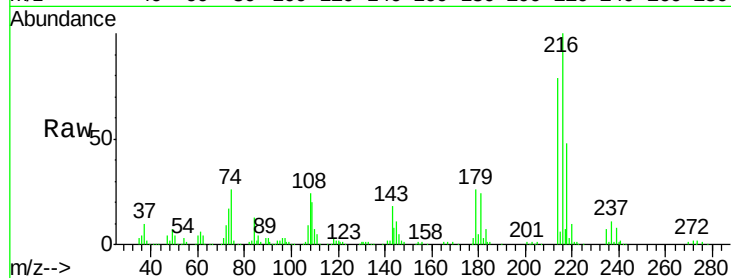




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.46 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

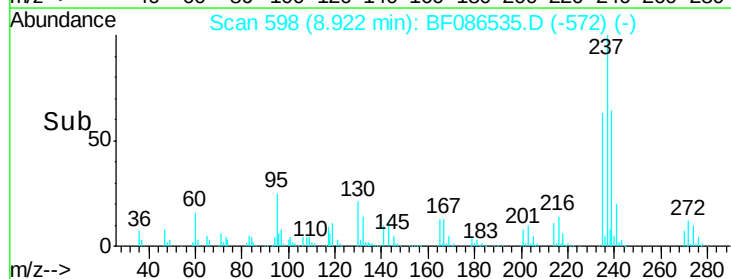
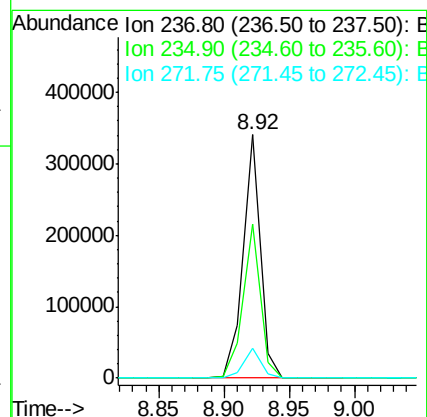
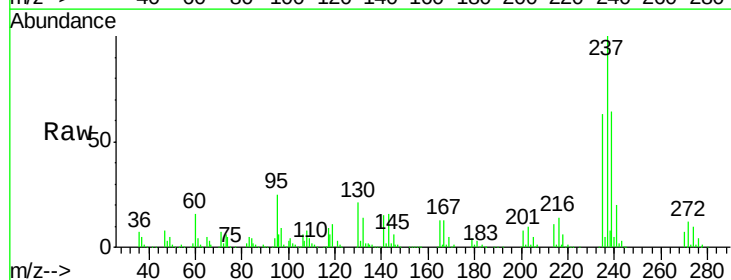
Instrument :
 BNA_F
 ClientSampleId :

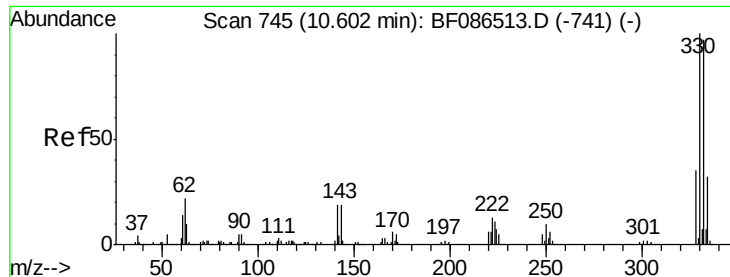
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	93.8
179	23.9	18.2	27.4
108	26.9	17.5	26.3



#40
 Hexachlorocyclopentadiene
 Concen: 74.90 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.3	47.2	87.2
272	12.1	0.0	31.1

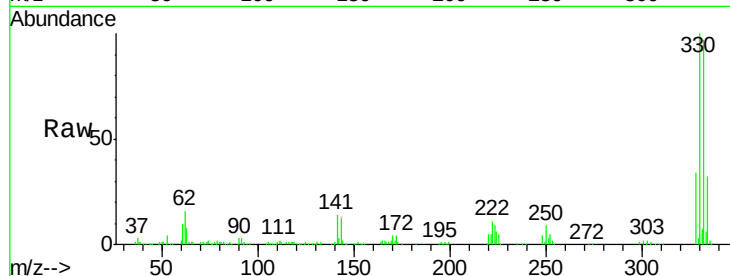




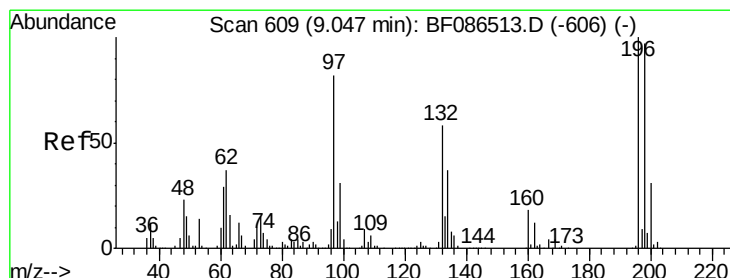
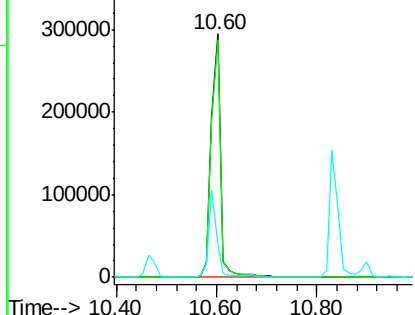
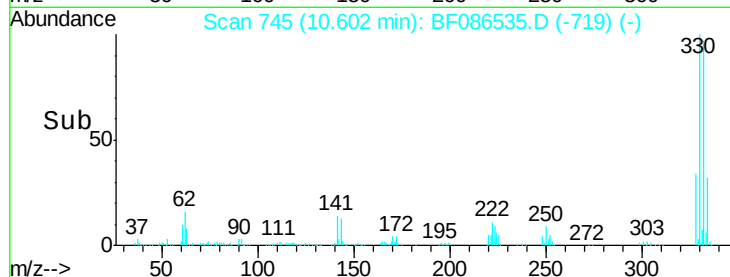
#41
 2,4,6-Tribromophenol
 Concen: 125.78 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	30.5	31.2	46.8#

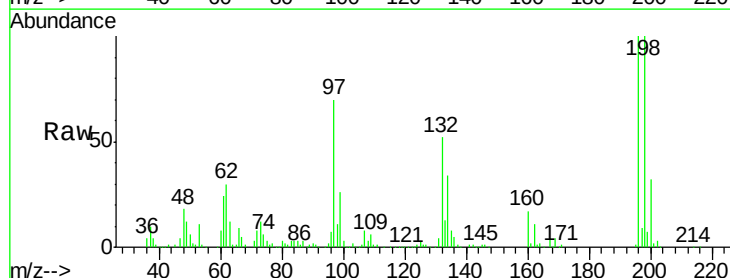


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

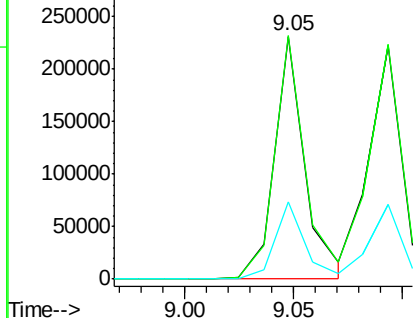
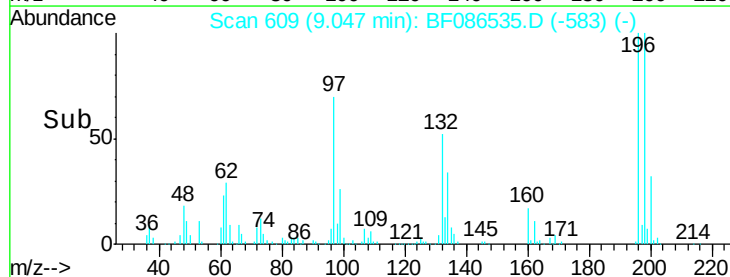


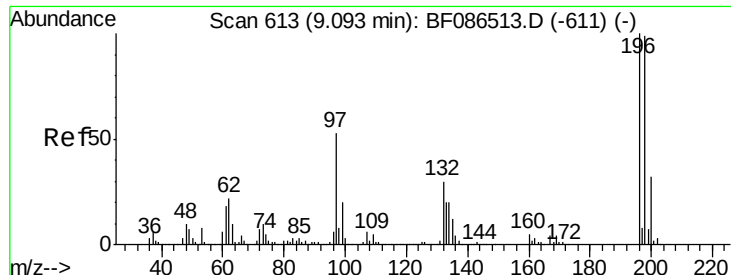
#42
 2,4,6-Trichlorophenol
 Concen: 43.07 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	74.7	112.1
200	31.7	23.8	35.6



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

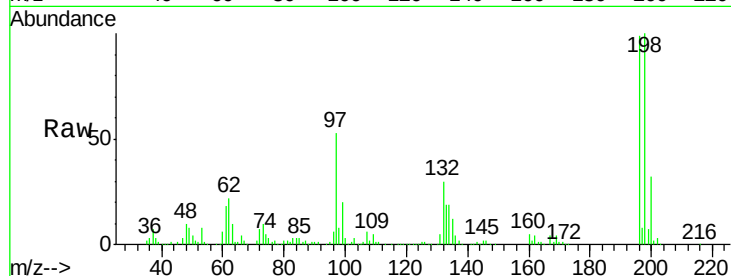




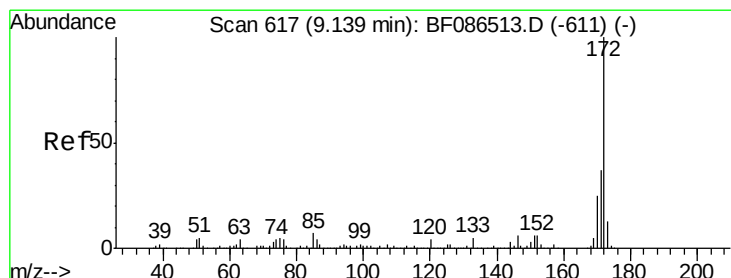
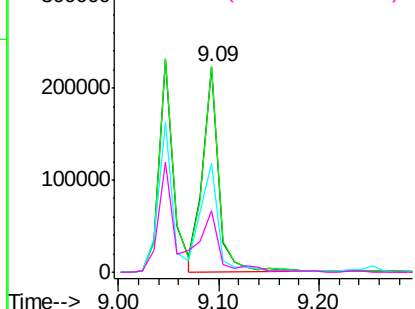
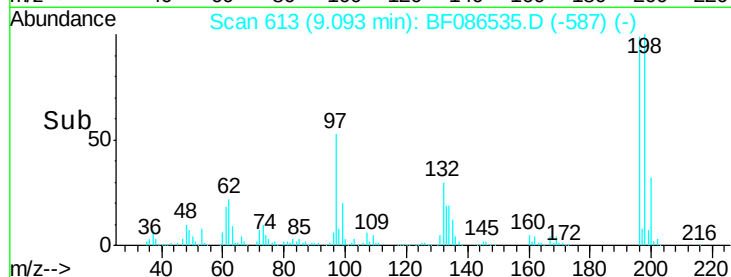
#43
 2,4,5-Trichlorophenol
 Concen: 42.57 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 245557
 Ion Ratio Lower Upper
 196 100
 198 100.7 77.5 116.3
 97 53.1 34.8 52.2#
 132 30.1 23.0 34.4

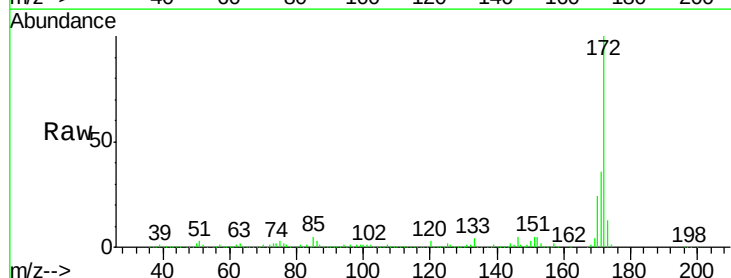


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

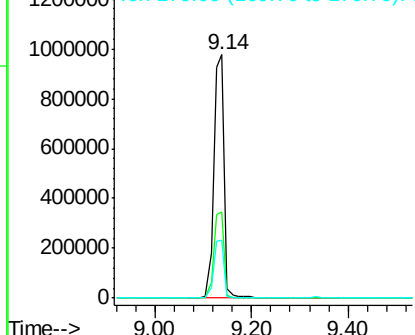
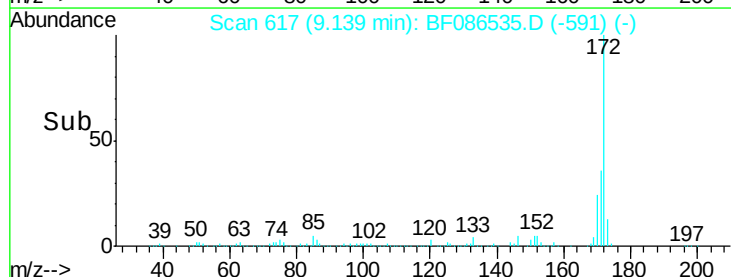


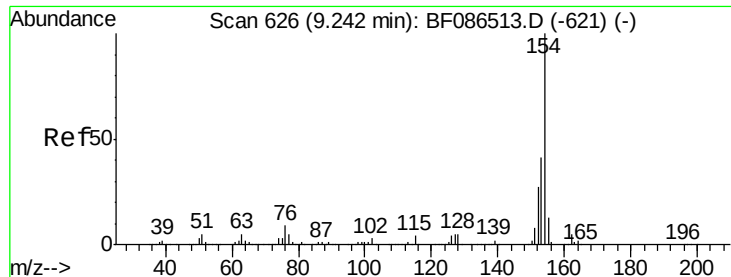
#44
 2-Fluorobiphenyl
 Concen: 90.27 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion:172 Resp: 1488962
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 24.0 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

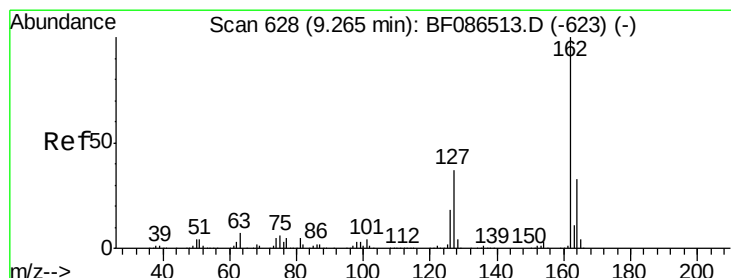
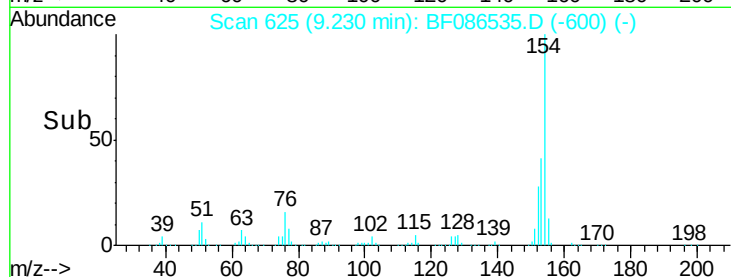
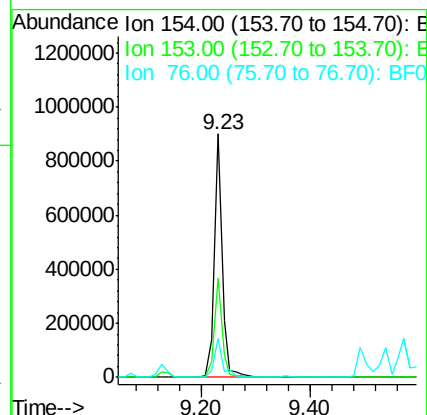
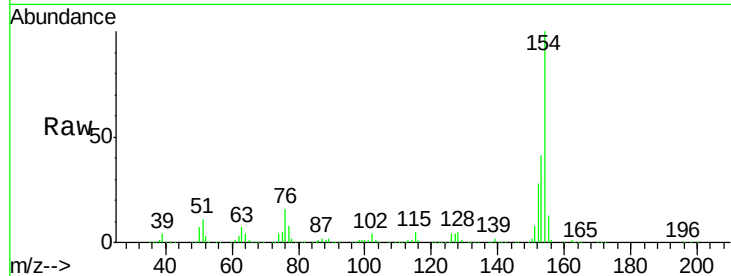




#45
 1,1'-Biphenyl
 Concen: 37.67 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

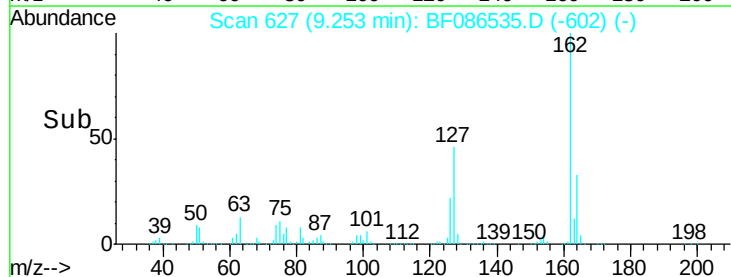
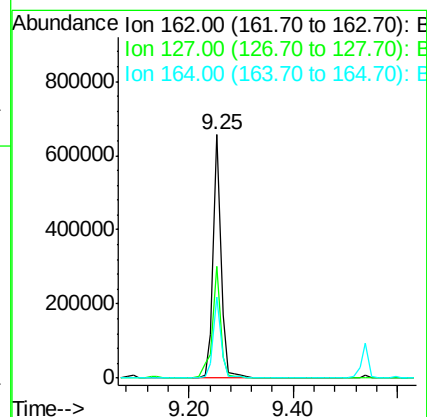
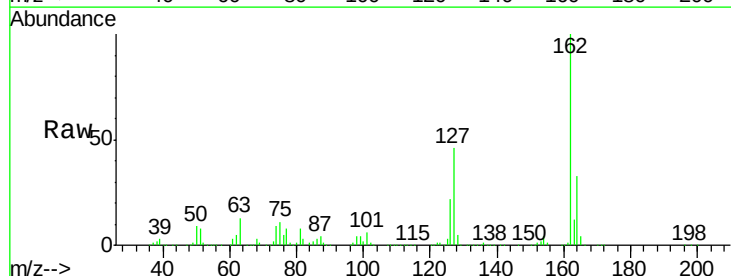
Instrument :
 BNA_F
 ClientSampled :

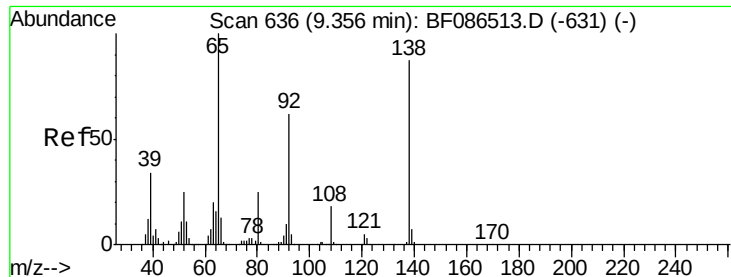
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.3	60.3
76	15.8	0.0	30.2



#46
 2-Chloronaphthalene
 Concen: 37.47 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.9	31.8	47.6
164	33.3	27.0	40.6

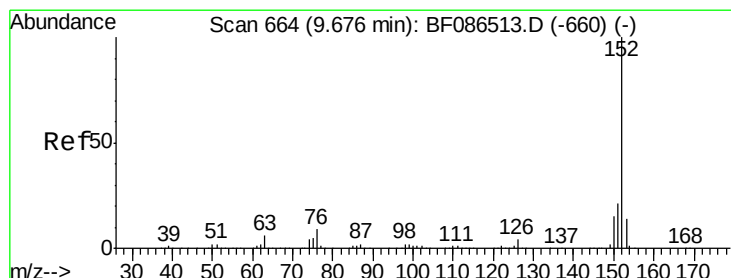
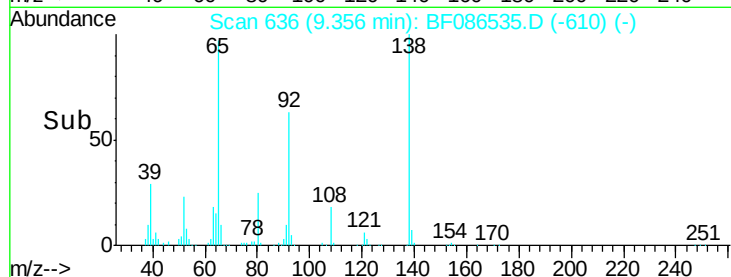
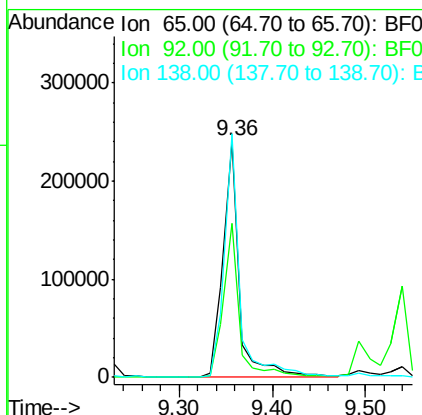
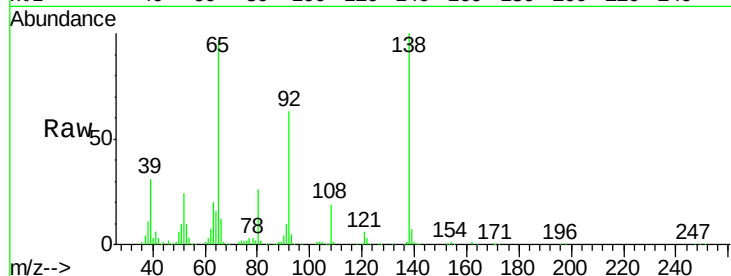




#47
2-Nitroaniline
Concen: 49.72 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

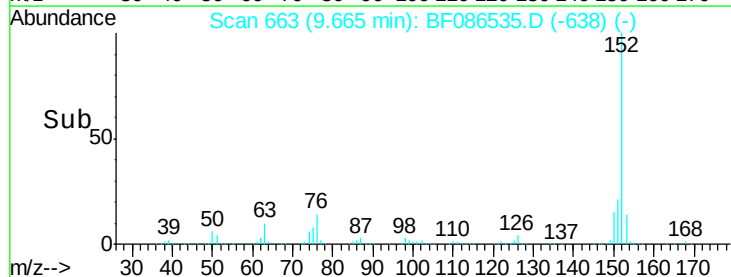
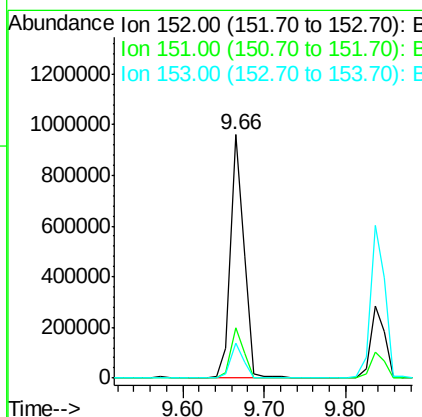
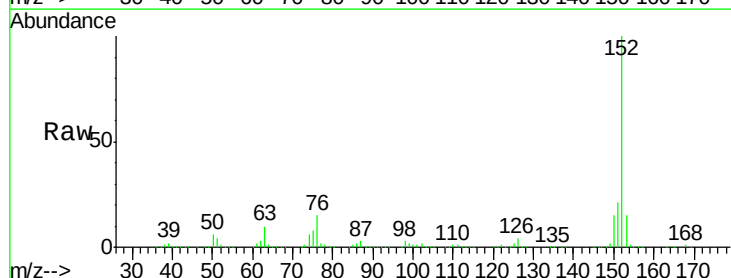
Instrument :
BNA_F
ClientSampleId :

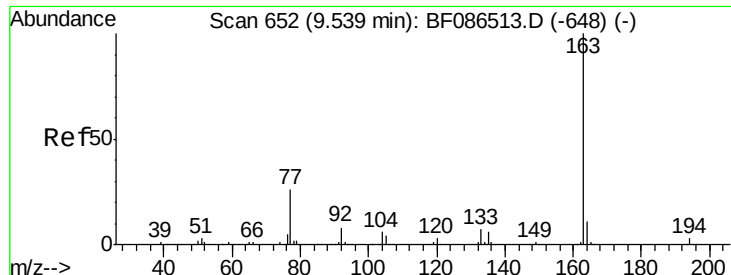
Tot Ion: 65 Resp: 296383
Ion Ratio Lower Upper
65 100
92 65.1 57.4 86.2
138 102.9 90.1 135.1



#48
Acenaphthylene
Concen: 38.09 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion:152 Resp: 1106920
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 14.5 10.9 16.3

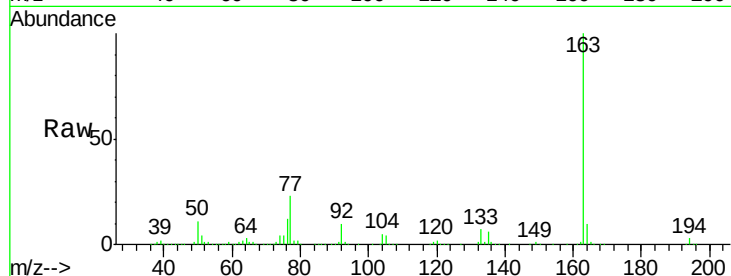




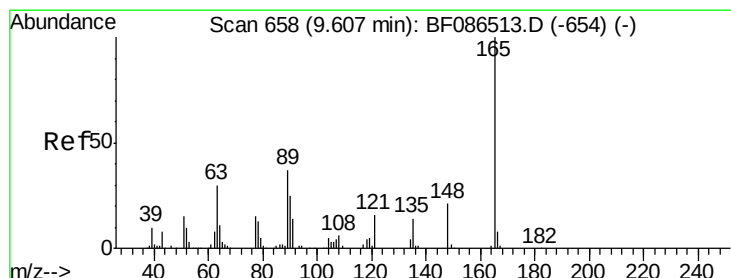
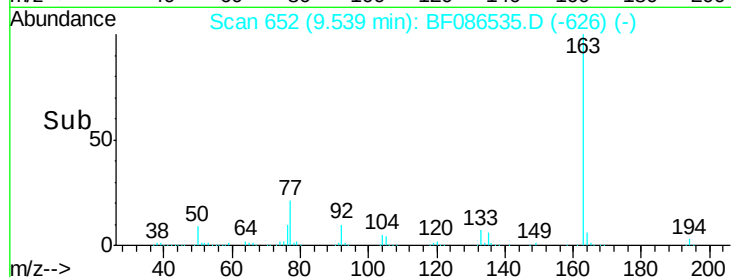
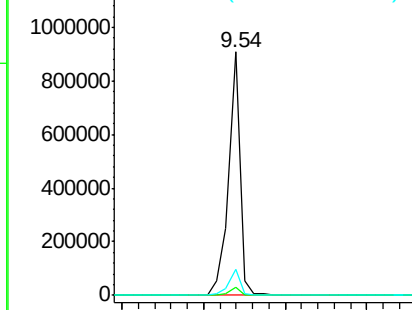
#49
Dimethylphthalate
Concen: 40.43 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 890261
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 8.2 12.4

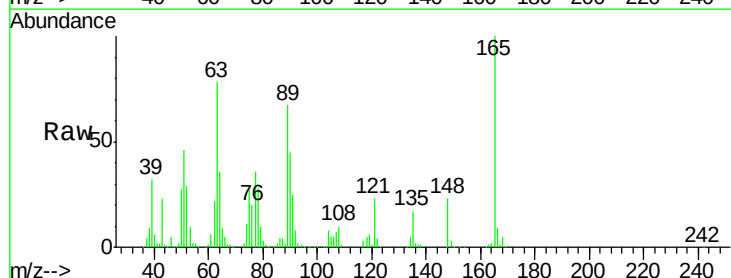


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

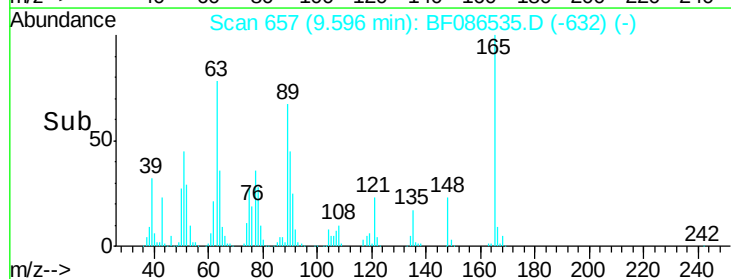
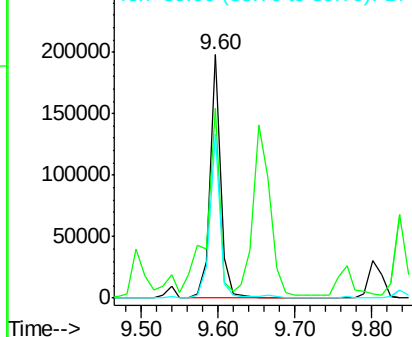


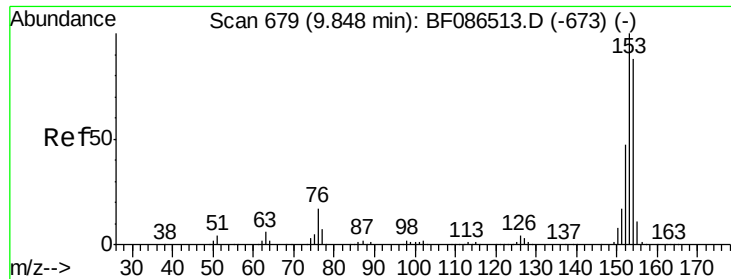
#50
2,6-Dinitrotoluene
Concen: 41.79 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion:165 Resp: 190126
Ion Ratio Lower Upper
165 100
63 78.2 51.8 77.8#
89 67.3 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: 42.55 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

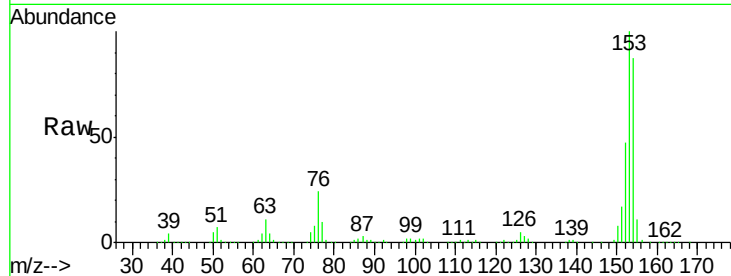
Tot Ion:154 Resp: 794257

Ion Ratio Lower Upper

154 100

153 114.8 89.8 134.6

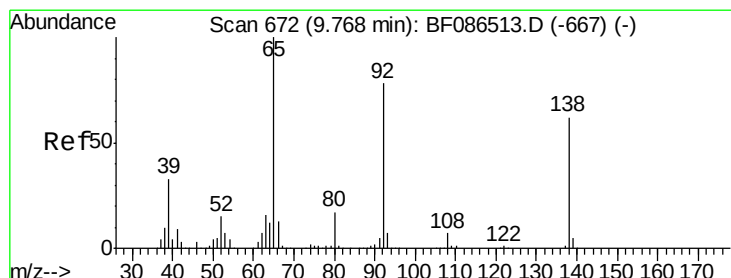
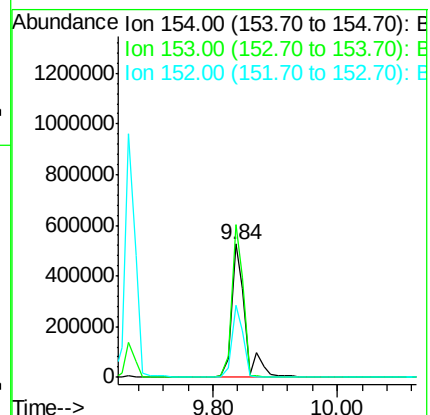
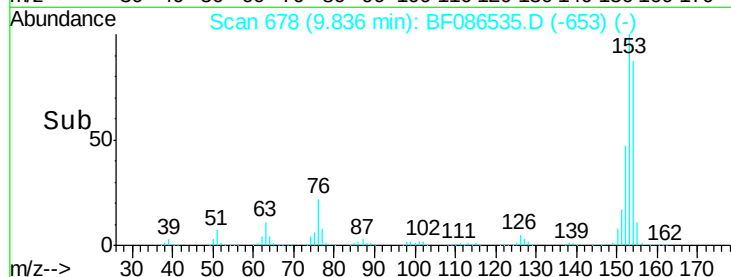
152 53.7 43.4 65.0



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: 34.30 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

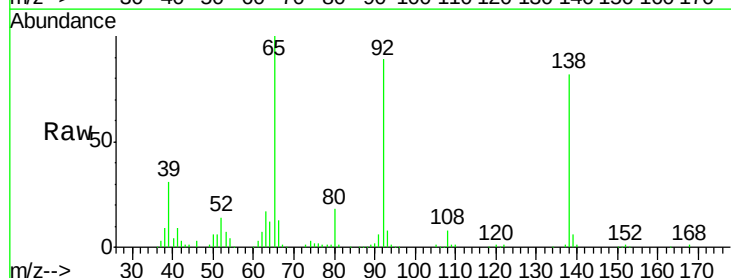
Tgt Ion:138 Resp: 177468

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

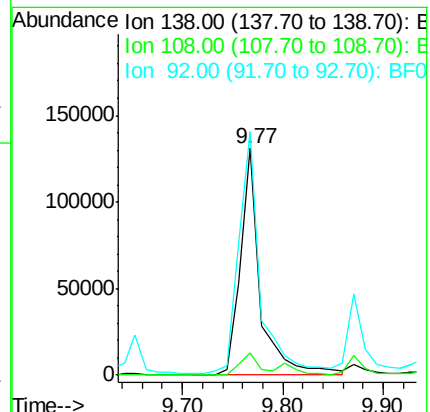
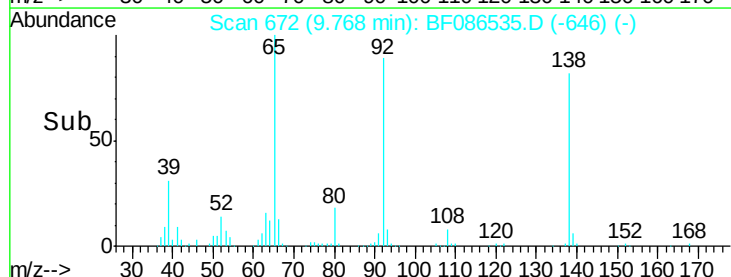
92 107.5 87.8 131.8

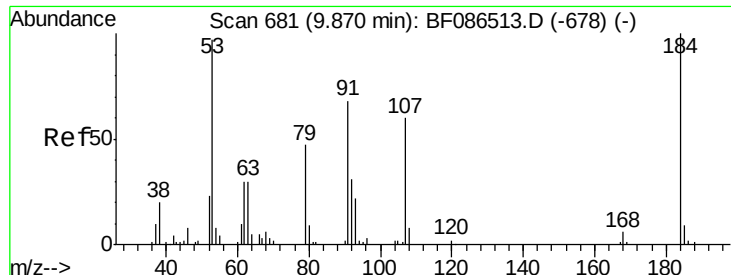


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

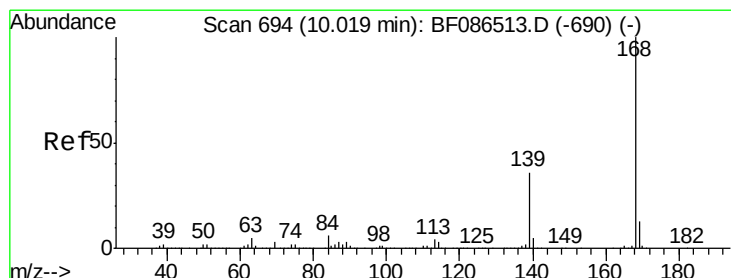
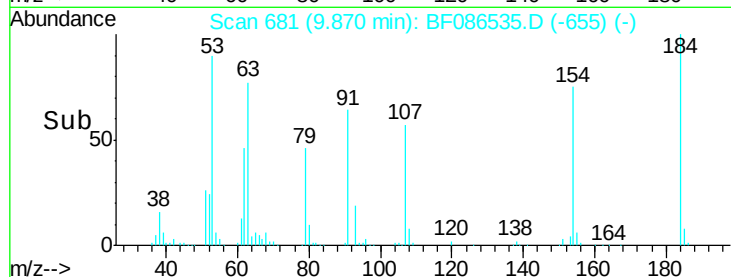
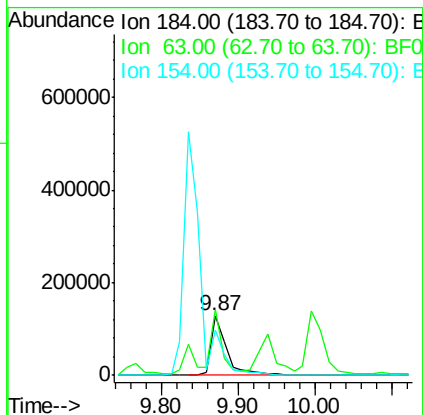
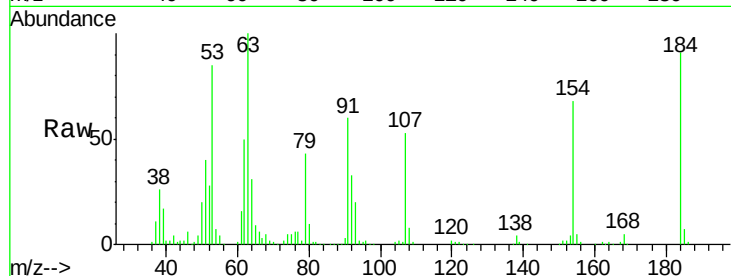




#53
 2,4-Dinitrophenol
 Concen: 74.48 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

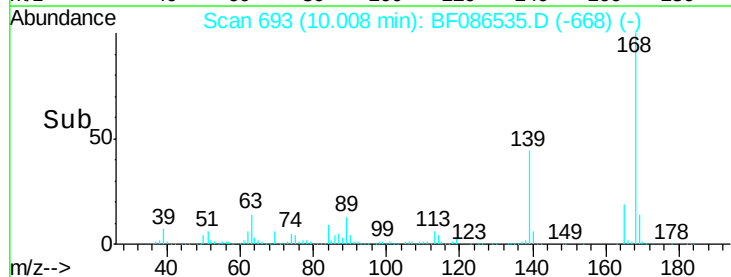
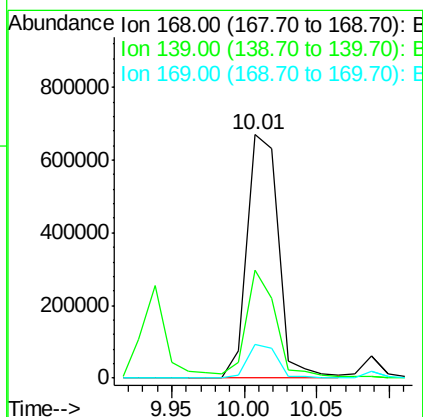
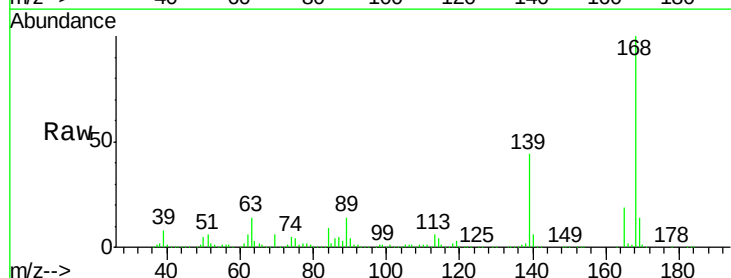
Instrument :
 BNA_F
 ClientSampleId :

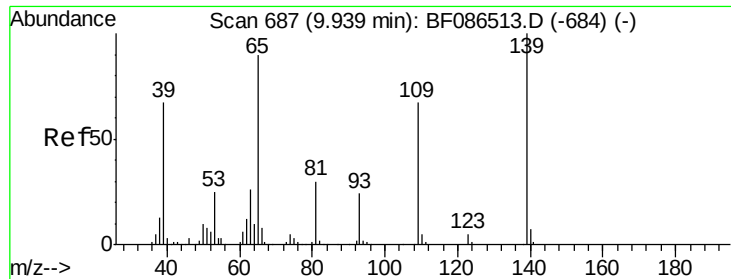
Tot Ion:184 Resp: 183786
 Ion Ratio Lower Upper
 184 100
 63 110.4 55.8 83.8#
 154 75.1 62.4 93.6



#54
 Dibenzofuran
 Concen: 43.25 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion:168 Resp: 1008861
 Ion Ratio Lower Upper
 168 100
 139 44.2 31.4 47.0
 169 13.8 10.7 16.1

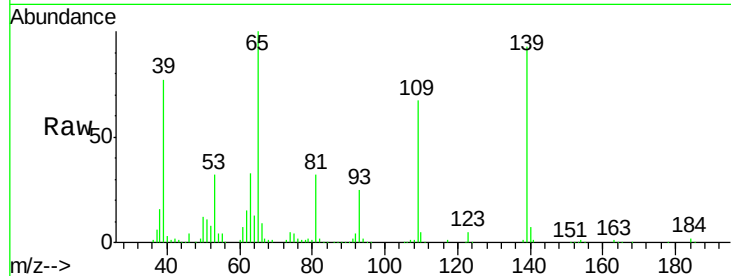




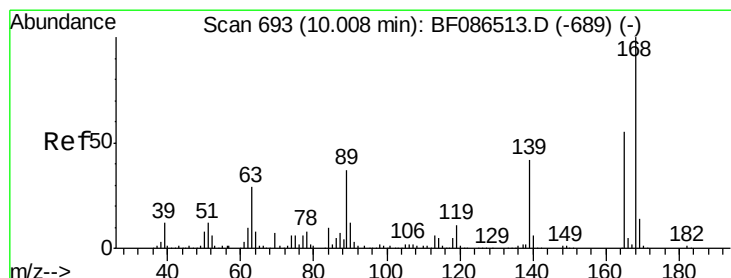
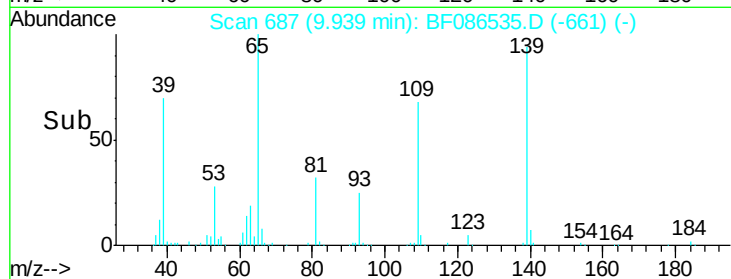
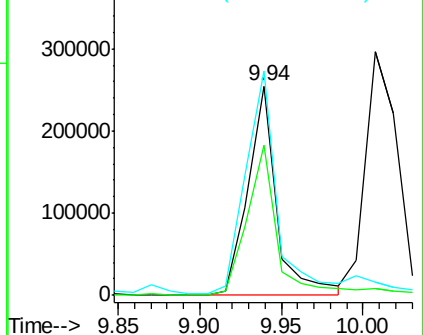
#55
4-Nitrophenol
Concen: 92.08 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 311957
Ion Ratio Lower Upper
139 100
109 72.0 36.9 76.9
65 107.2 64.0 104.0#

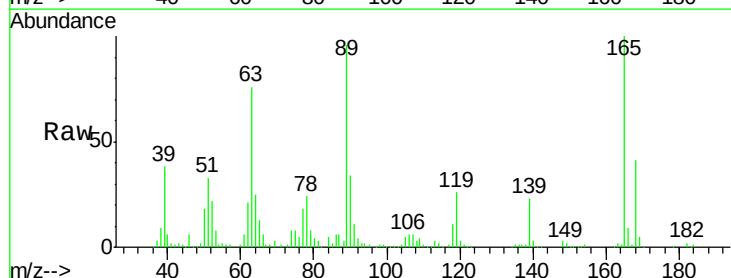


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

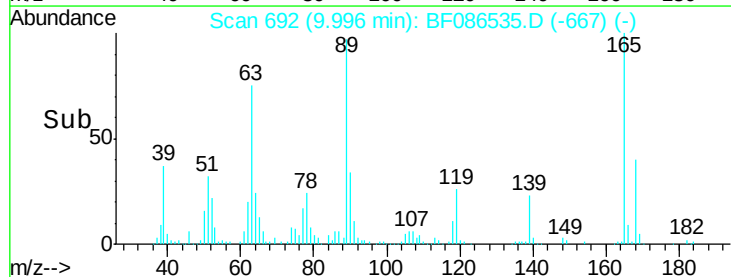
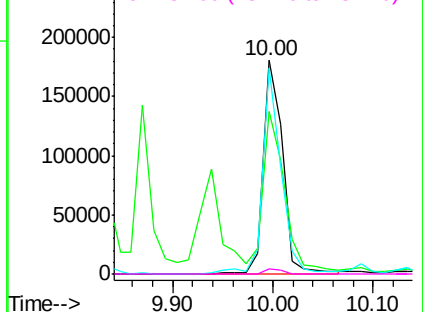


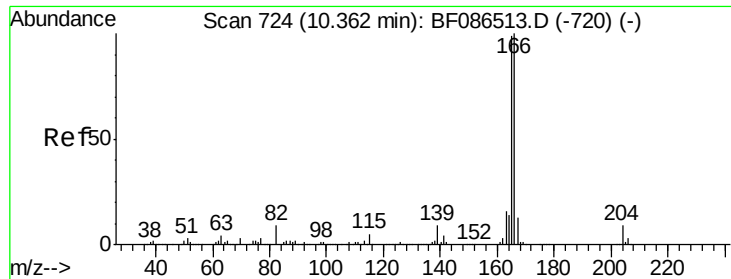
#56
2,4-Dinitrotoluene
Concen: 41.42 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion:165 Resp: 240229
Ion Ratio Lower Upper
165 100
63 76.2 44.3 66.5#
89 96.5 70.0 105.0
182 2.2 1.8 2.6



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

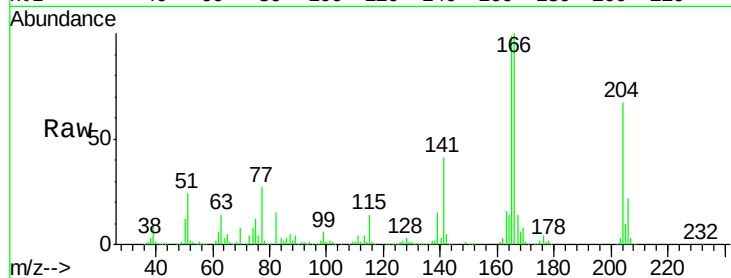




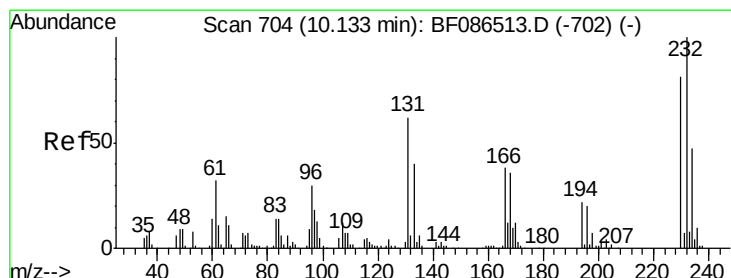
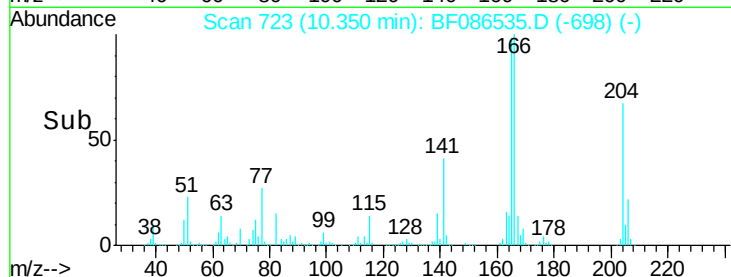
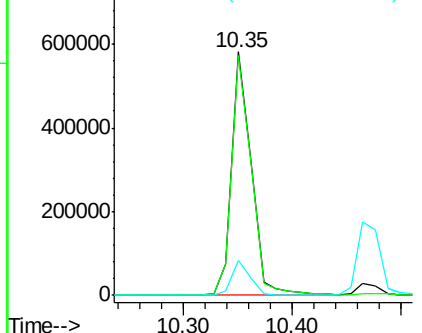
#57
 Fluorene
 Concen: 35.52 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 719493
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.0 118.6
 167 14.2 10.6 15.8

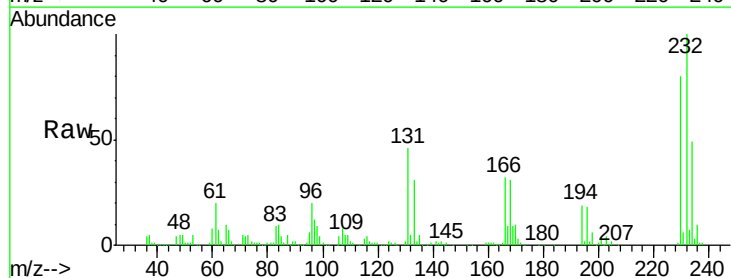


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

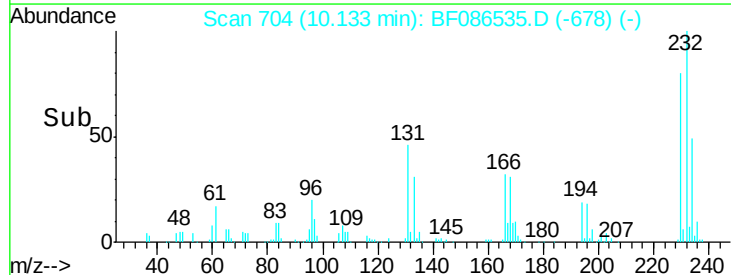
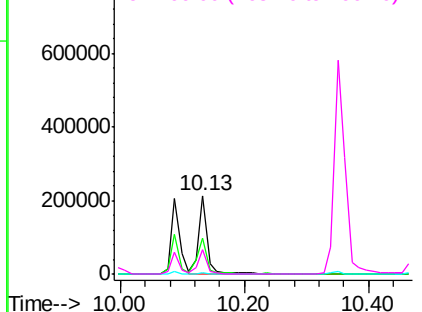


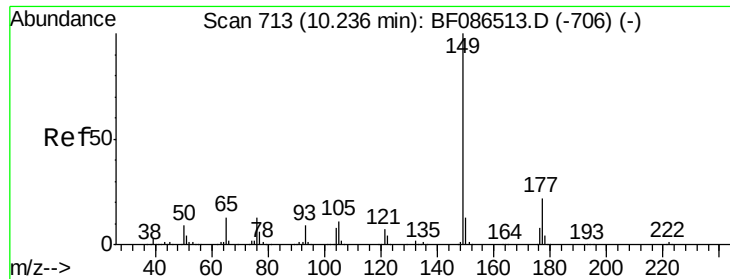
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.57 ng
 RT: 10.13 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion:232 Resp: 214565
 Ion Ratio Lower Upper
 232 100
 131 50.3 41.9 62.9
 130 2.4 2.2 3.4
 166 31.1 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

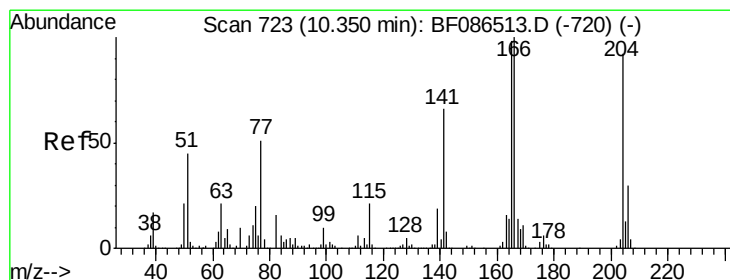
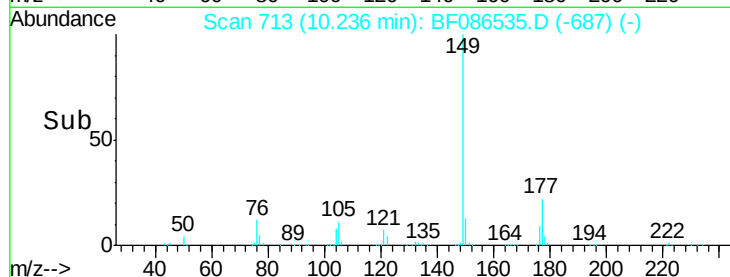
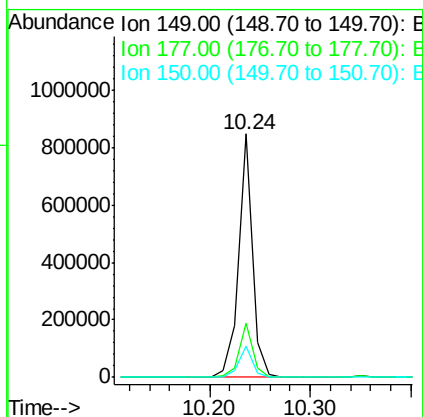
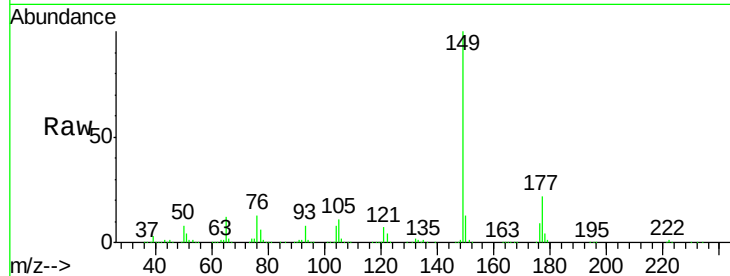




#59
Diethylphthalate
Concen: 39.29 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

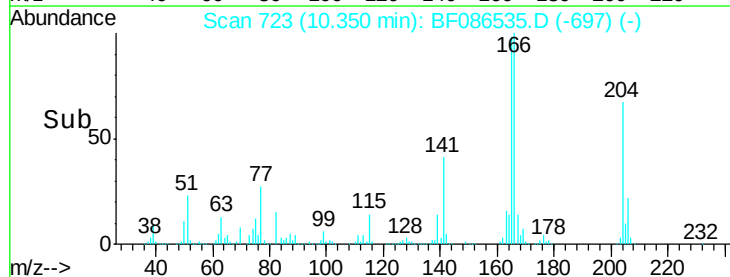
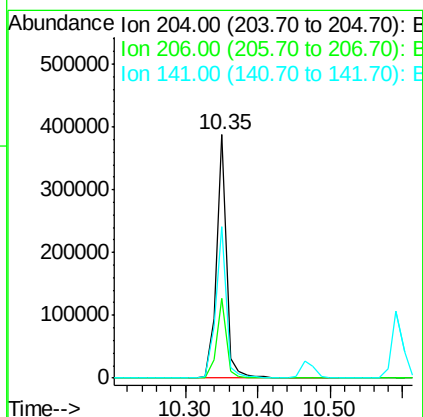
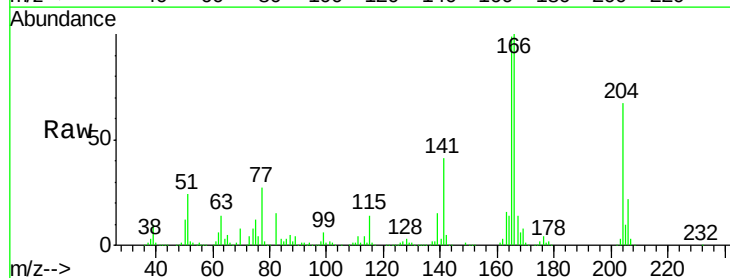
Instrument :
BNA_F
ClientSampleId :

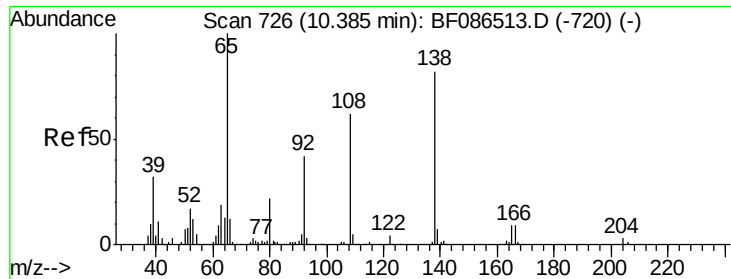
Tot Ion:149 Resp: 819138
Ion Ratio Lower Upper
149 100
177 22.1 16.6 24.8
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 40.64 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion:204 Resp: 373712
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 62.2 61.6 92.4

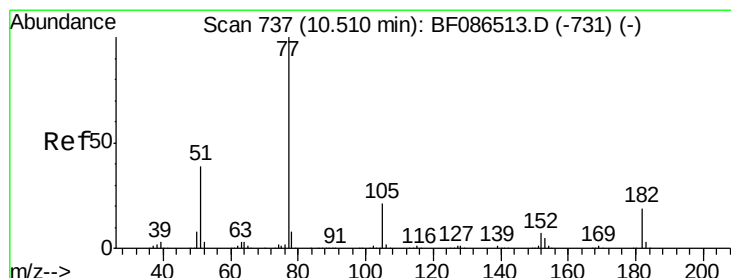
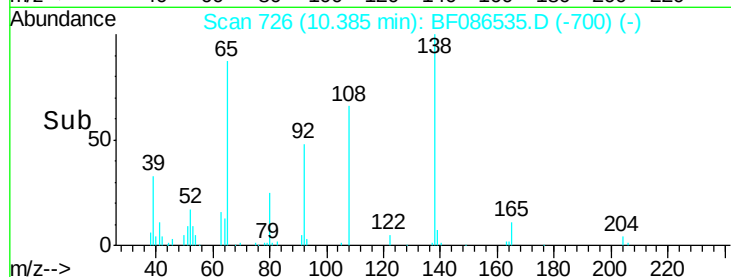
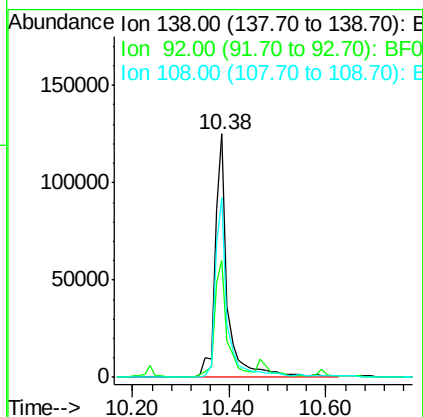
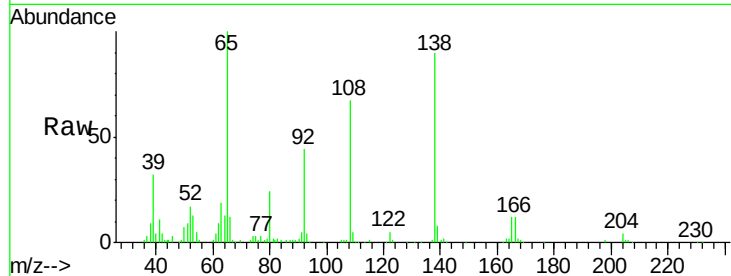




#61
4-Nitroaniline
Concen: 45.66 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

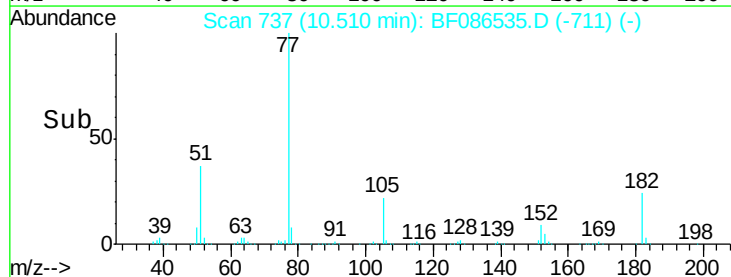
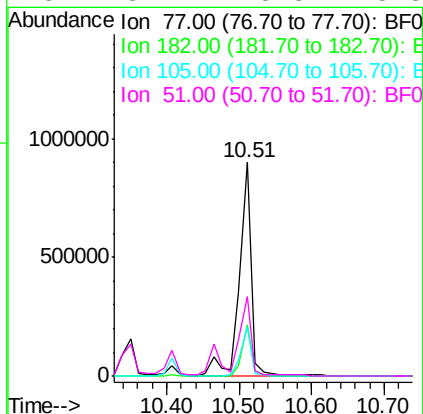
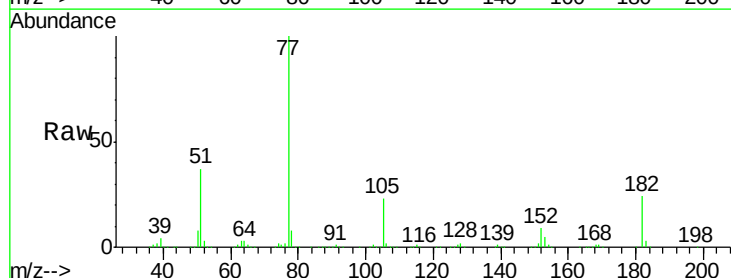
Instrument :
BNA_F
ClientSampleId :

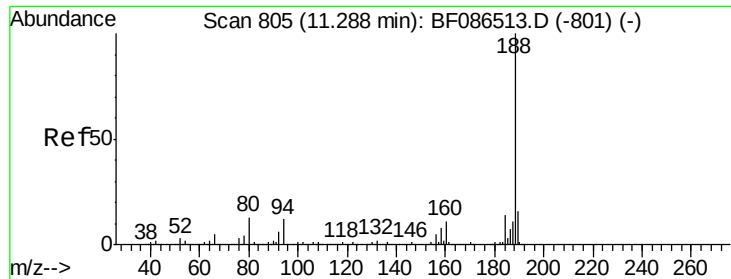
Tot Ion:138 Resp: 230919
Ion Ratio Lower Upper
138 100
92 48.2 24.7 64.7
108 73.9 37.4 77.4



#62
Azobenzene
Concen: 45.03 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion: 77 Resp: 1028313
Ion Ratio Lower Upper
77 100
182 24.2 0.0 38.8
105 22.7 3.2 43.2
51 37.4 8.8 48.8

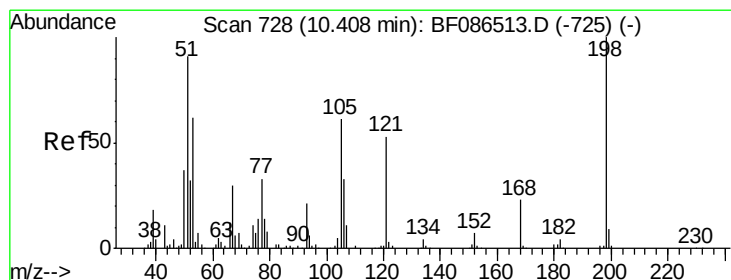
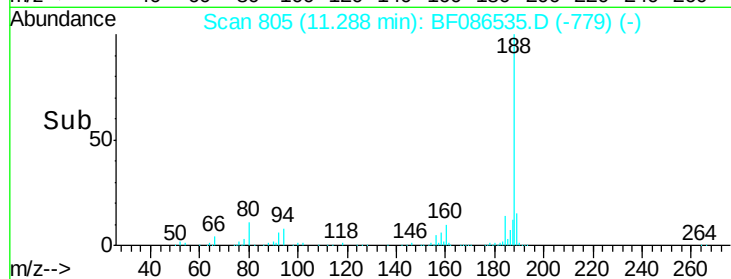
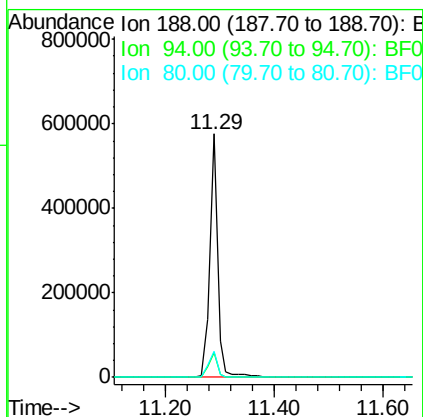
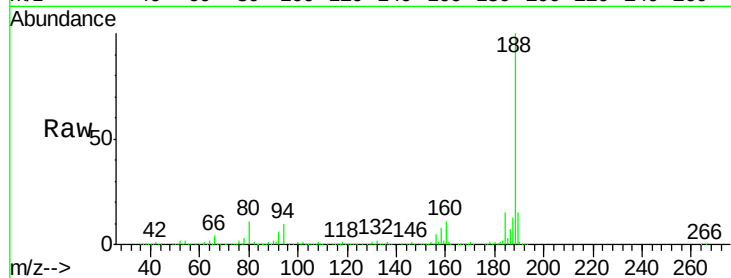




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

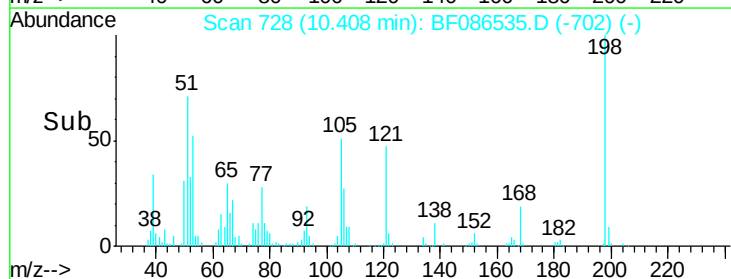
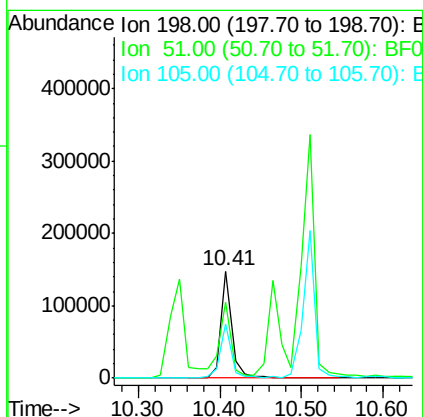
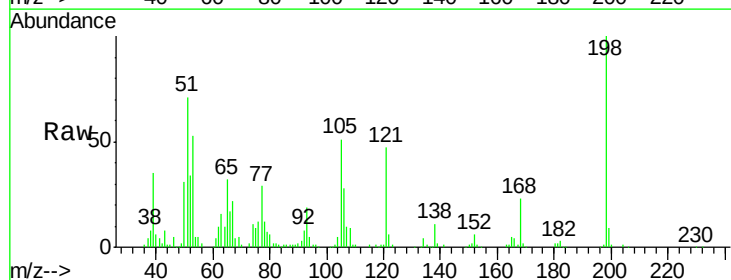
Instrument :
BNA_F
ClientSampleId :

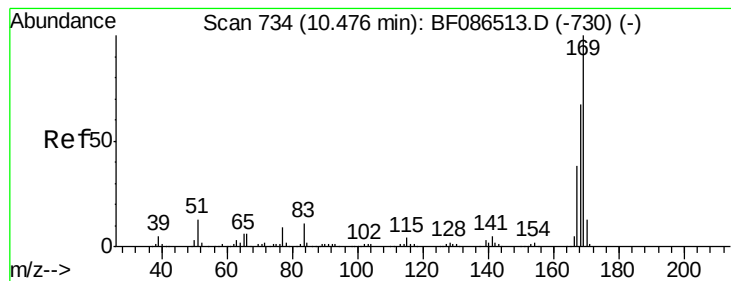
Tot Ion:188 Resp: 588412
Ion Ratio Lower Upper
188 100
94 10.2 6.8 10.2#
80 10.8 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.35 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion:198 Resp: 139367
Ion Ratio Lower Upper
198 100
51 71.3 20.5 60.5#
105 50.9 24.5 64.5

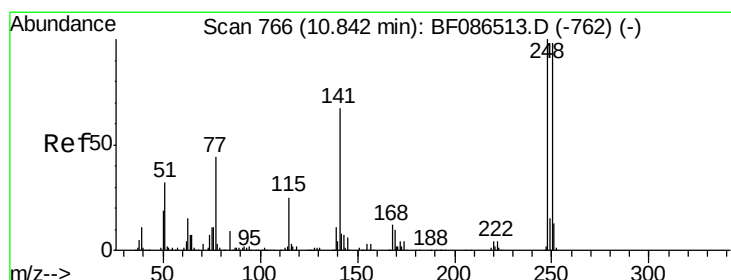
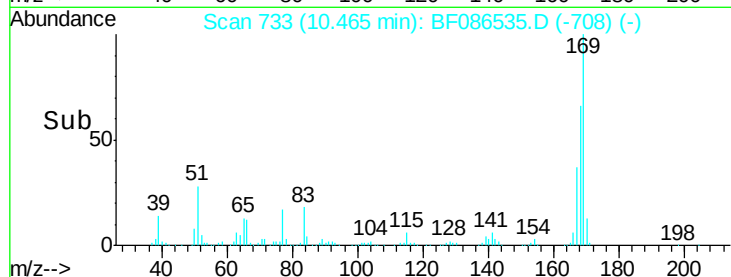
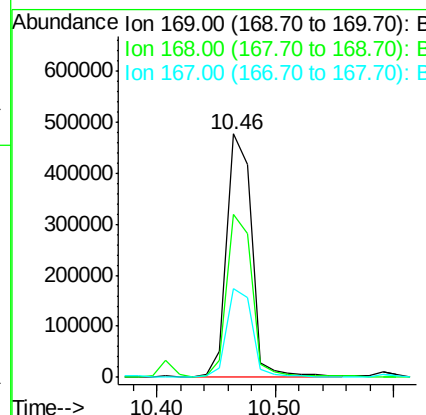
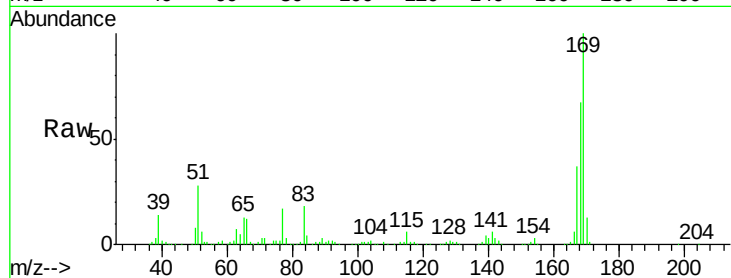




#65
 n-Nitrosodiphenylamine
 Concen: 37.77 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

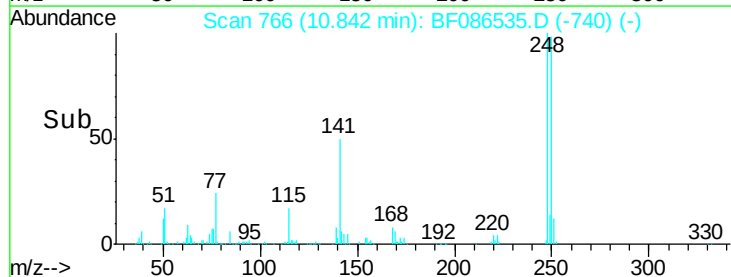
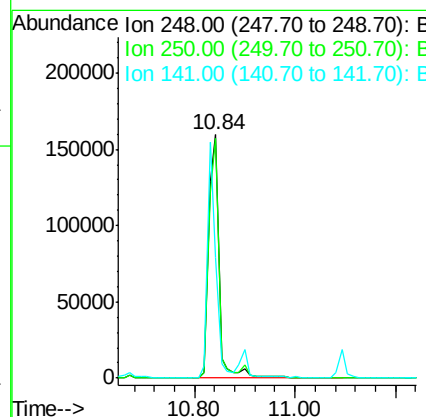
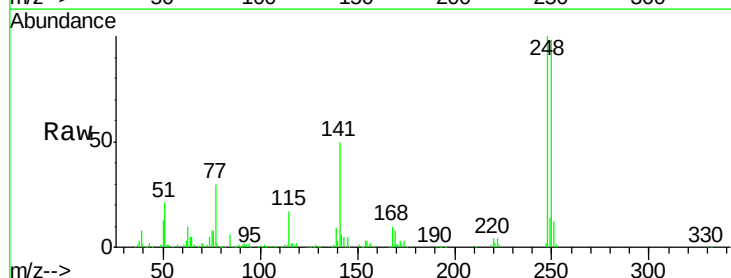
Instrument :
 BNA_F
 ClientSampleId :

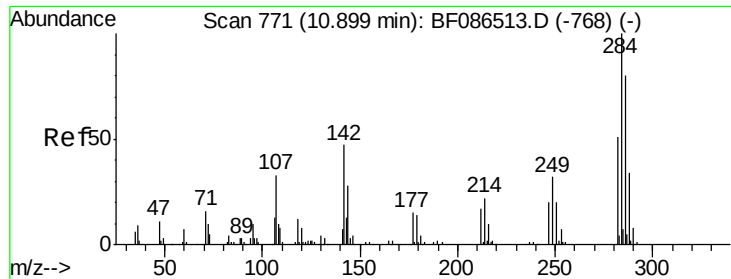
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.8	80.6
167	36.7	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 38.16 ng
 RT: 10.84 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	49.8	76.0	114.0#

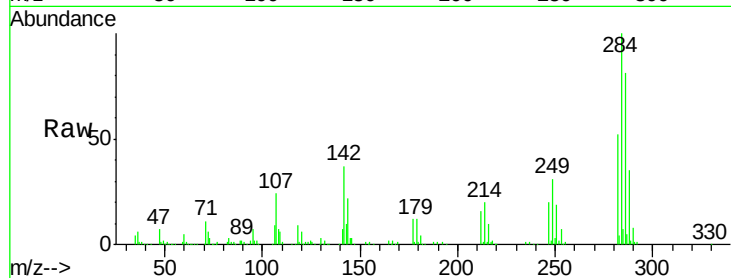




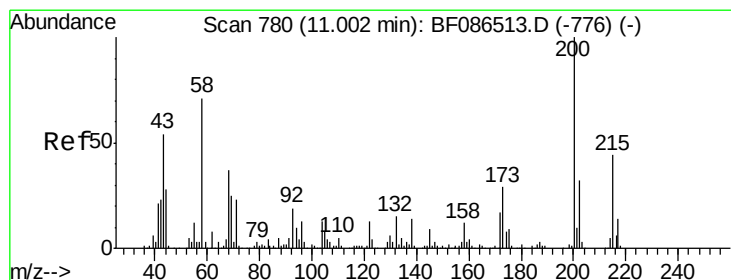
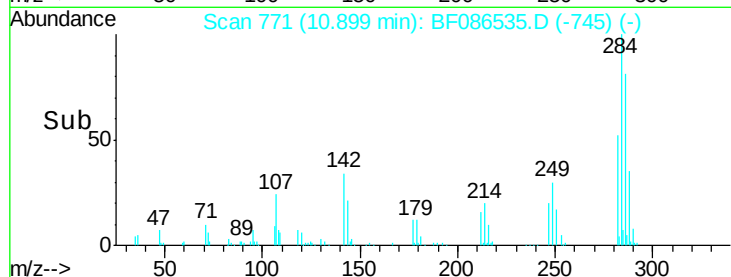
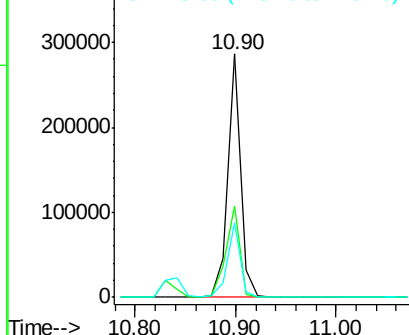
#67
Hexachlorobenzene
Concen: 36.37 ng
RT: 10.90 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.3	16.7	25.1#
249	30.9	21.3	31.9

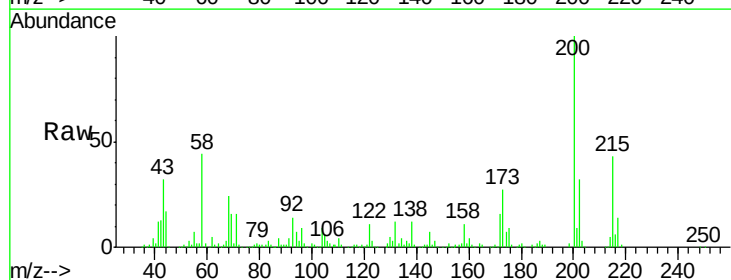


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

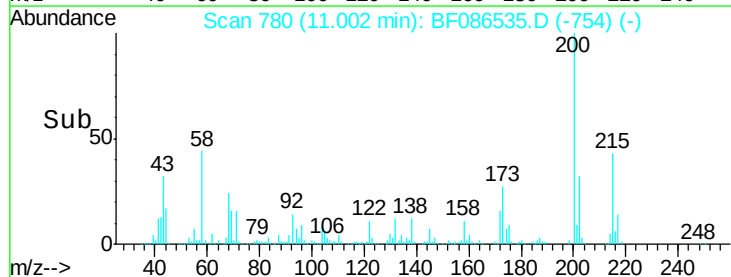
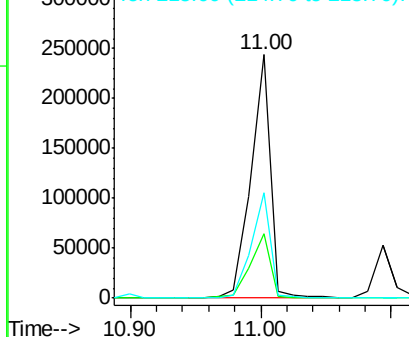


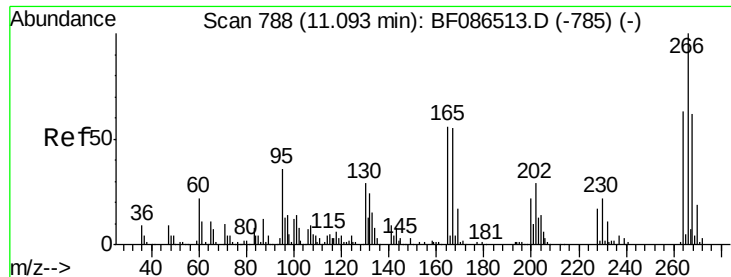
#68
Atrazine
Concen: 45.60 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	8.5	48.5
215	43.0	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

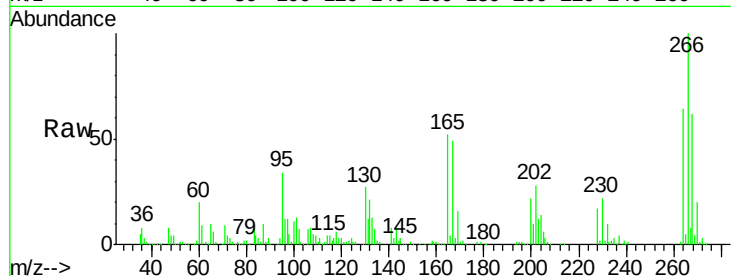




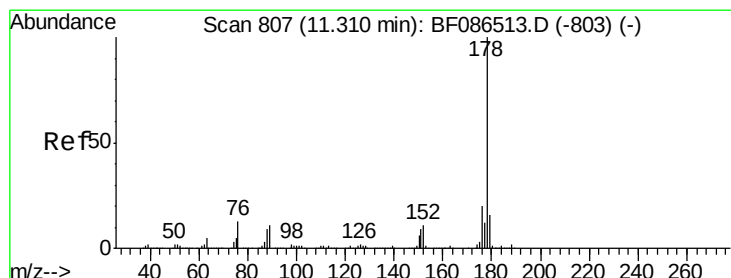
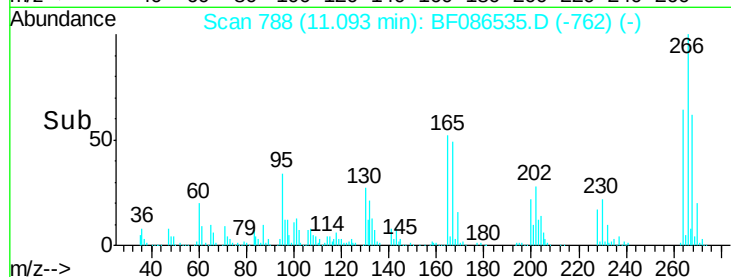
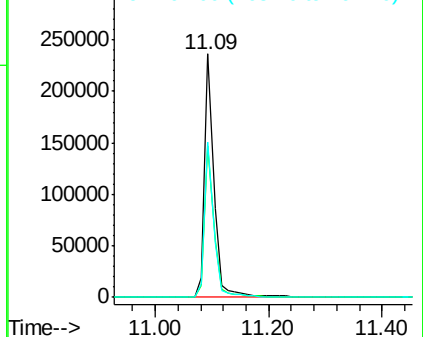
#69
 Pentachlorophenol
 Concen: 71.58 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 264876
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.5 77.3
 264 64.0 52.9 79.3

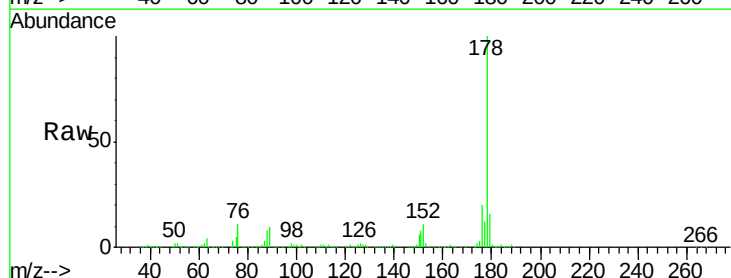


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

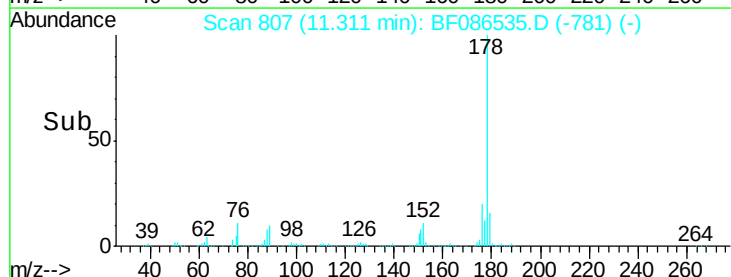
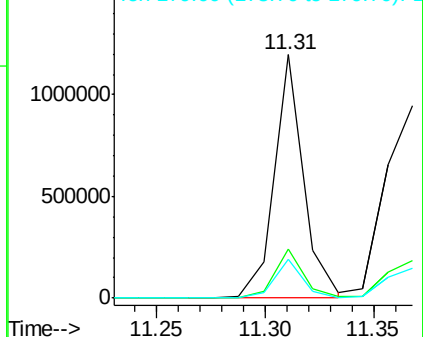


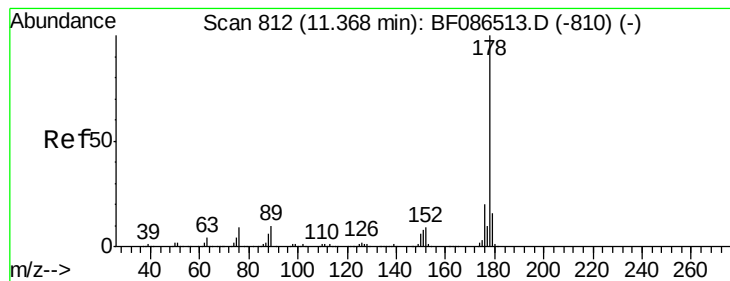
#70
 Phenanthrene
 Concen: 36.61 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion:178 Resp: 1130573
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.8 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: 39.27 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

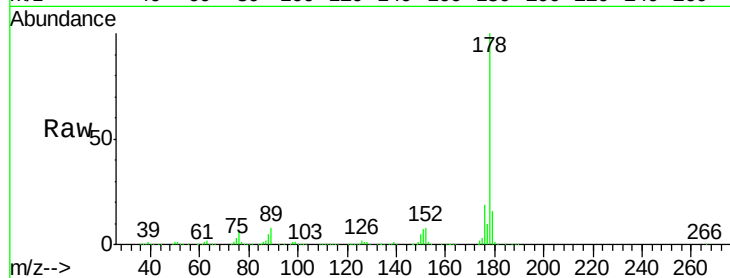
Tot Ion:178 Resp: 1294124

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

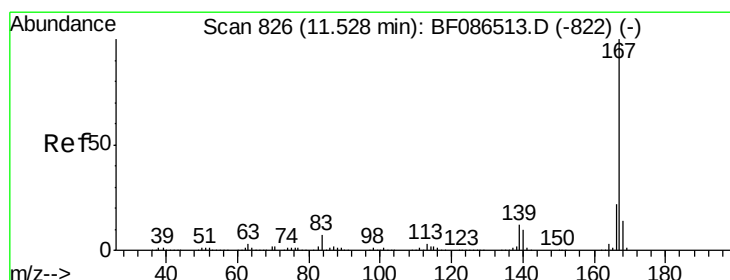
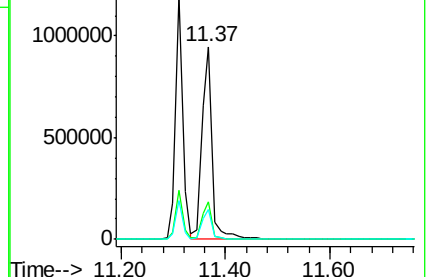
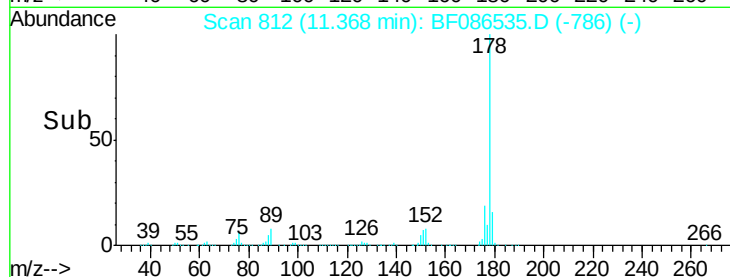
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.83 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

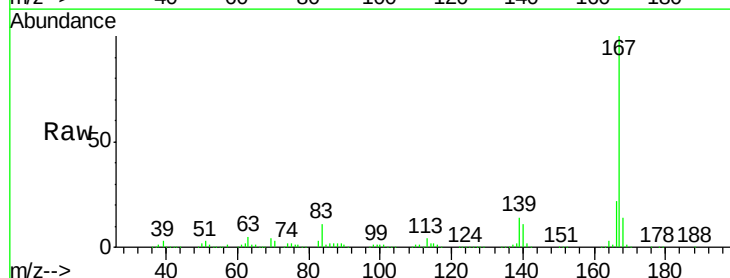
Tgt Ion:167 Resp: 1134235

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

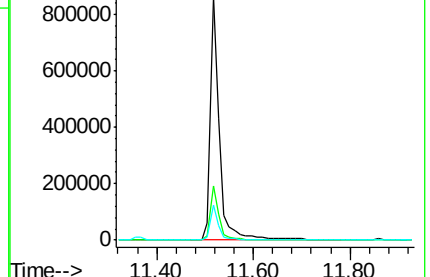
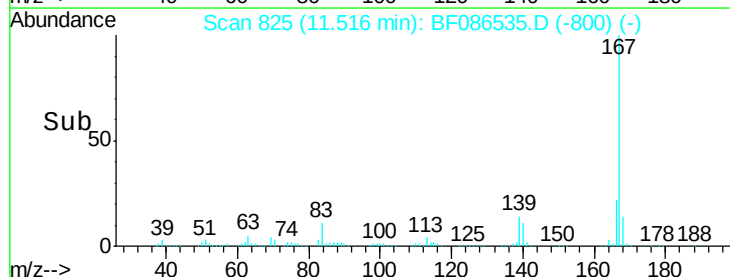
139 14.4 10.8 16.2

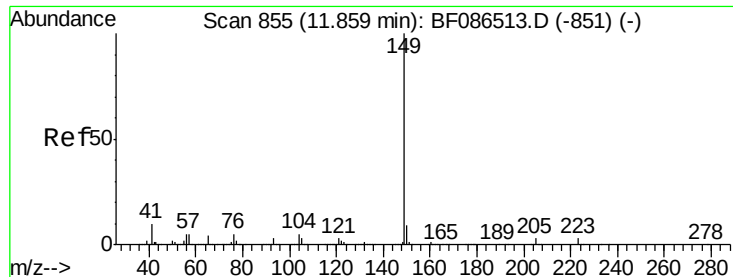


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.27 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

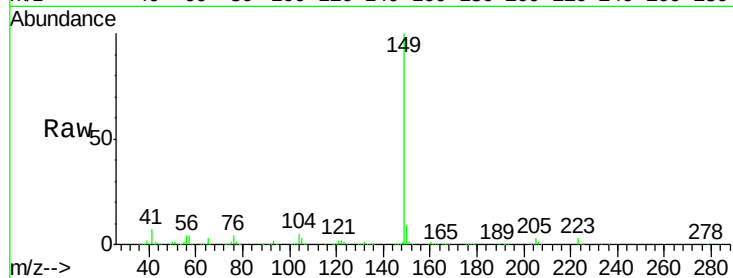
Tot Ion:149 Resp: 1332497

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

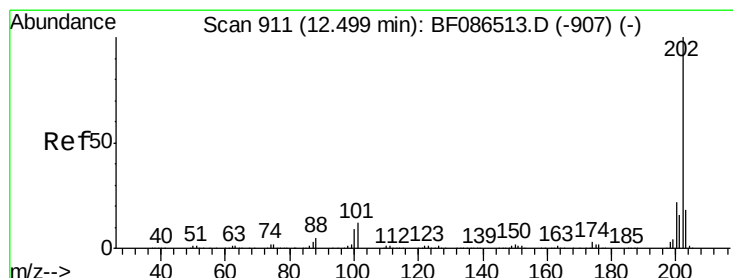
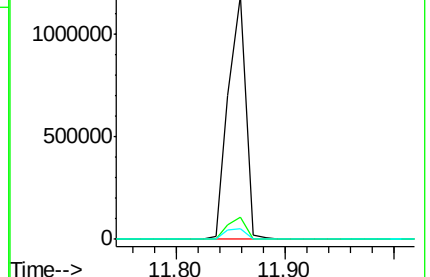
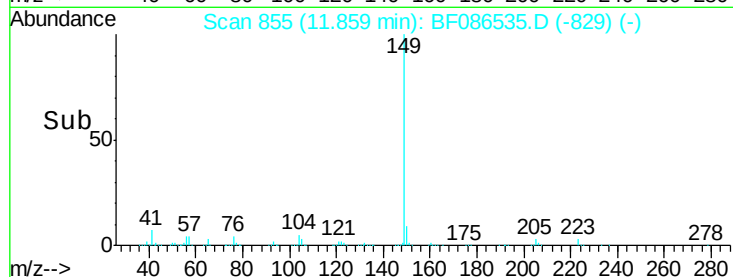
104 4.6 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.40 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

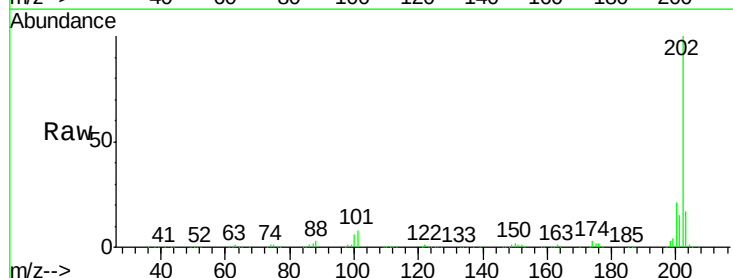
Tgt Ion:202 Resp: 1259263

Ion Ratio Lower Upper

202 100

101 7.8 0.0 35.4

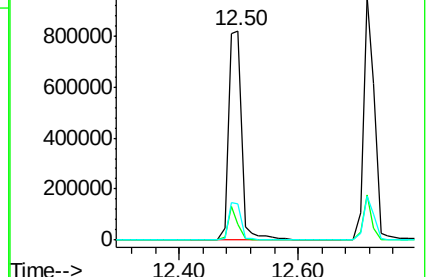
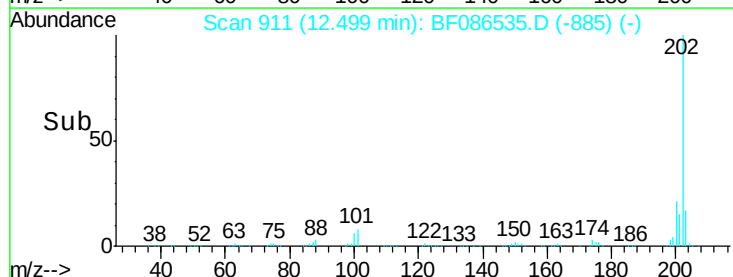
203 17.4 0.0 38.1

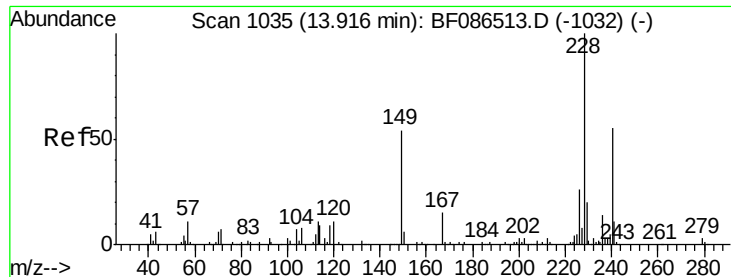


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampled :

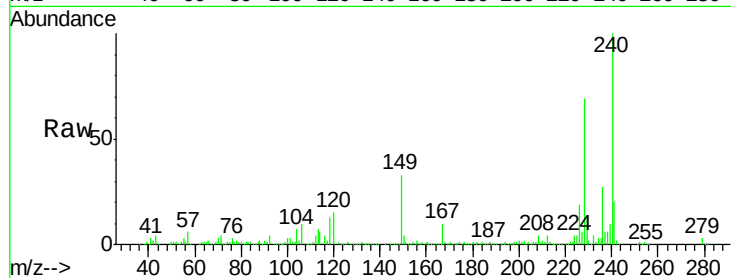
Tot Ion:240 Resp: 414412

Ion Ratio Lower Upper

240 100

120 14.9 11.2 16.8

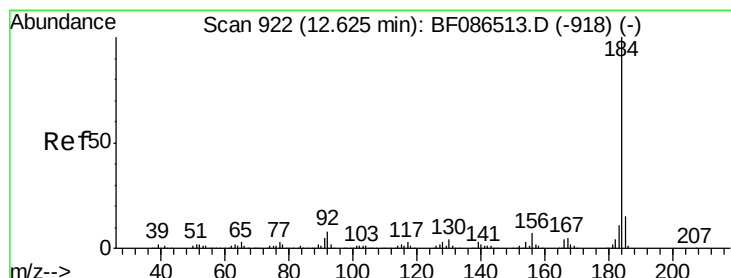
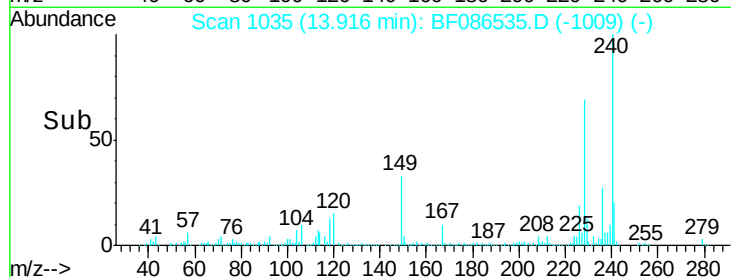
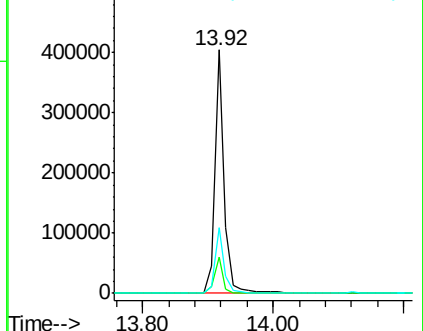
236 26.8 21.2 31.8



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: 34.26 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

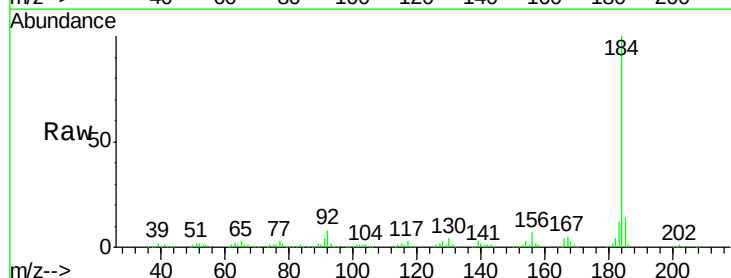
Tgt Ion:184 Resp: 487933

Ion Ratio Lower Upper

184 100

185 14.3 13.6 20.4

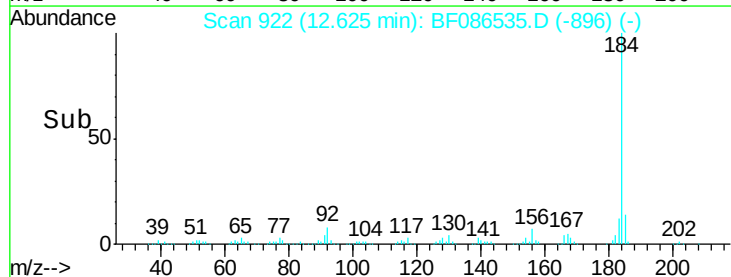
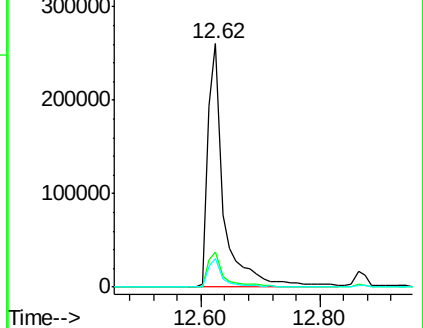
183 11.6 9.8 14.6

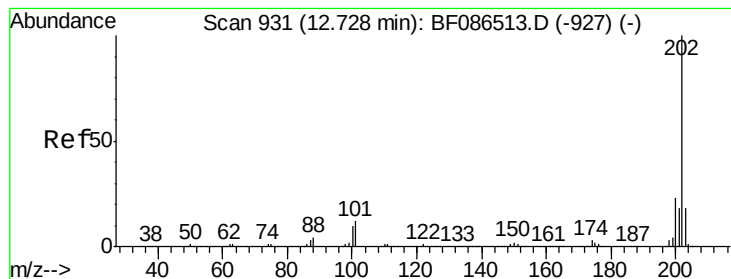


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.12 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

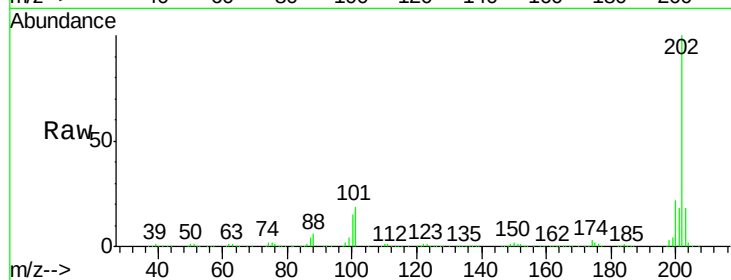
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1197902

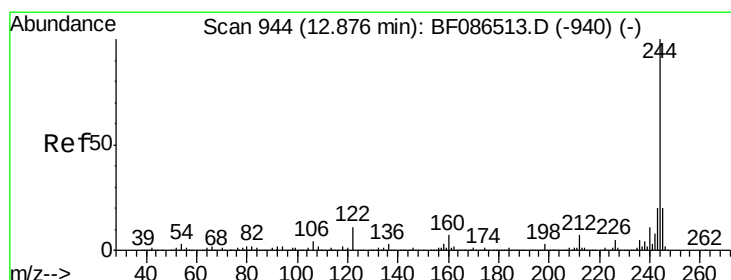
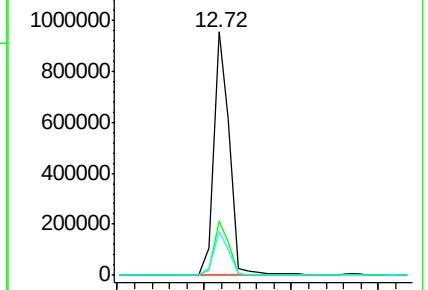
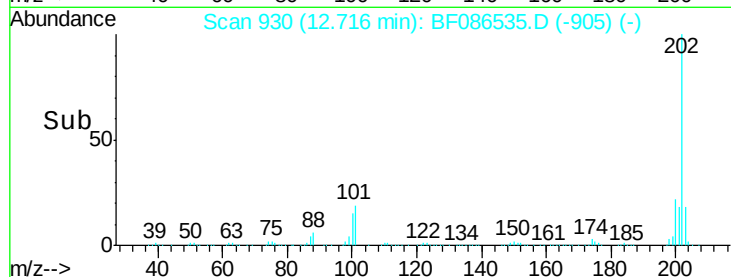
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.3	14.2	21.4



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: 76.21 ng

RT: 12.88 min Scan# 944

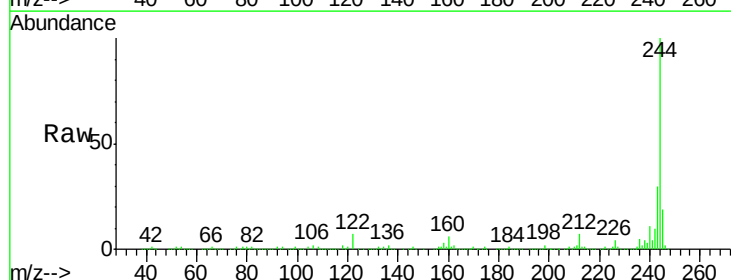
Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Tgt Ion:244 Resp: 1433586

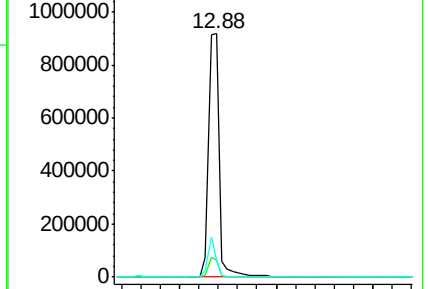
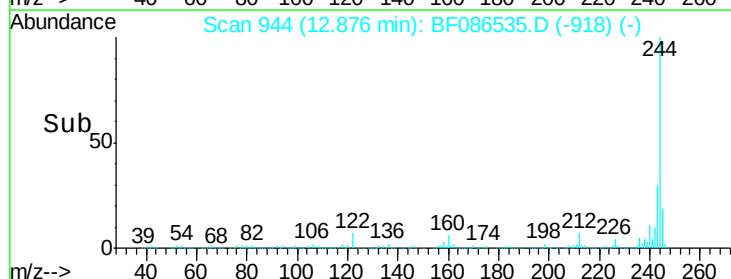
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	7.1	12.0	18.0#

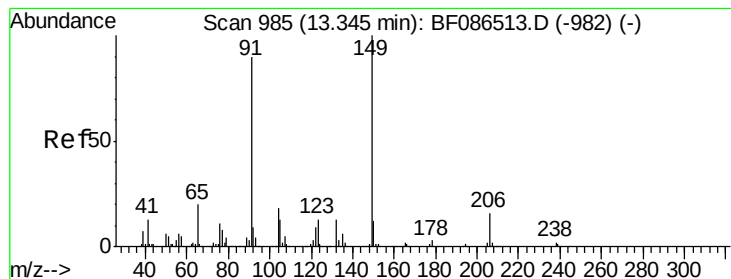


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.08 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

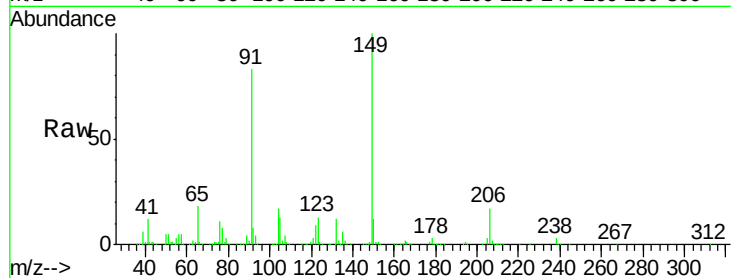
Tot Ion:149 Resp: 505420

Ion Ratio Lower Upper

149 100

91 82.6 48.0 72.0#

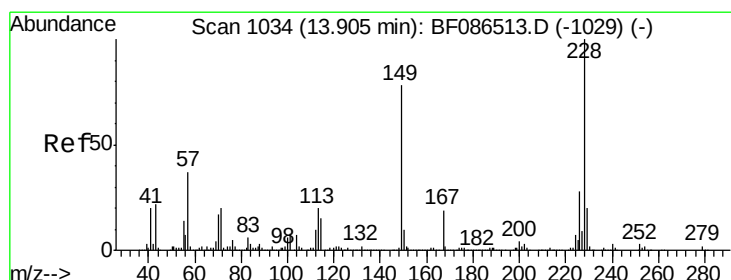
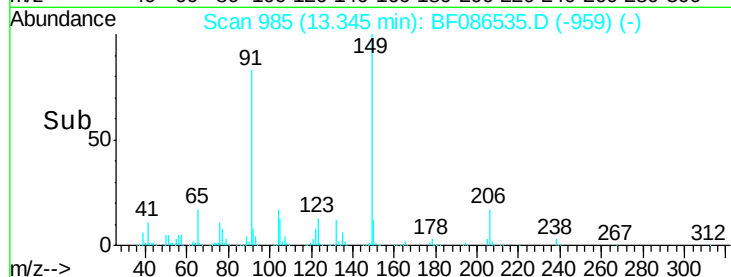
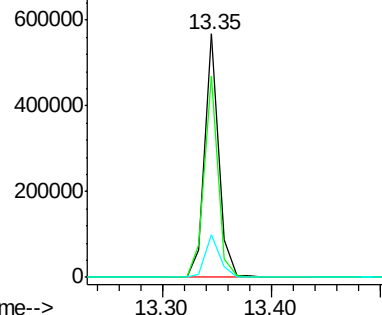
206 17.3 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.11 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

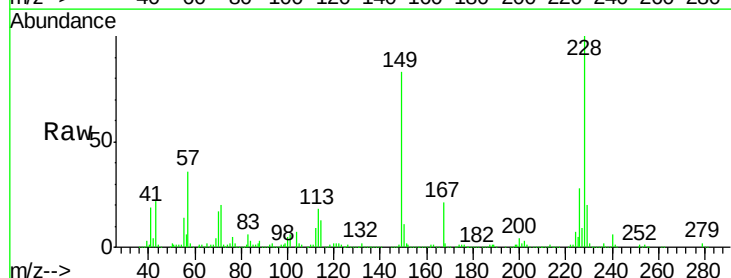
Tgt Ion:228 Resp: 908362

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

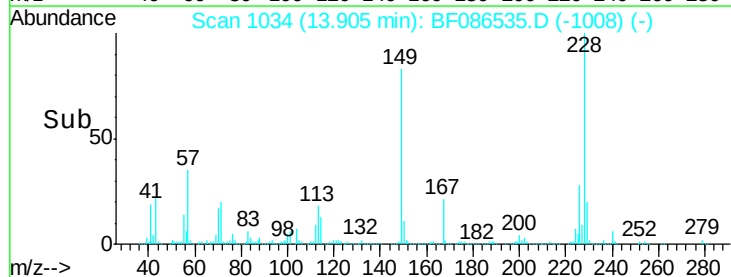
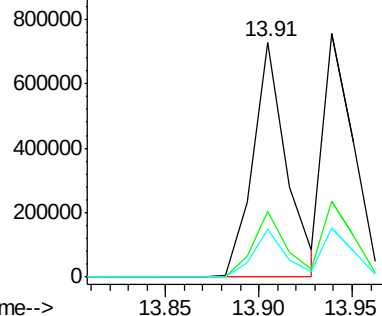
229 20.1 16.6 25.0

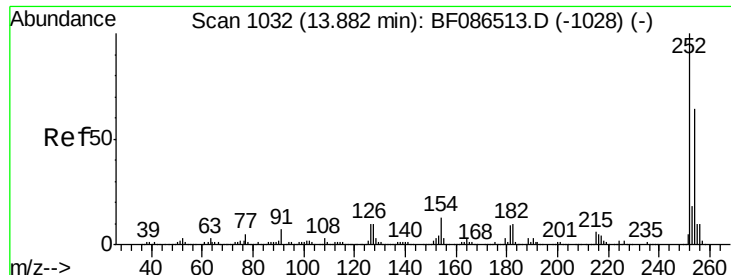


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

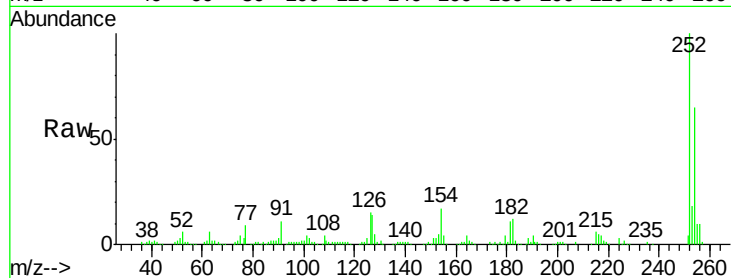




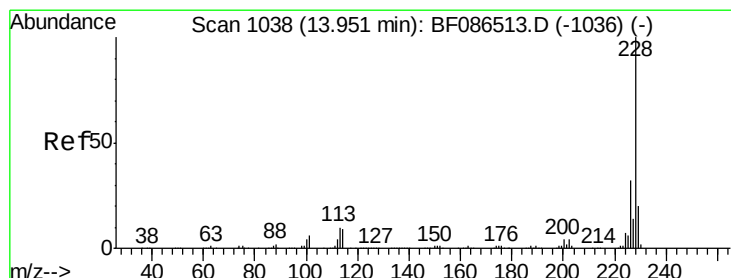
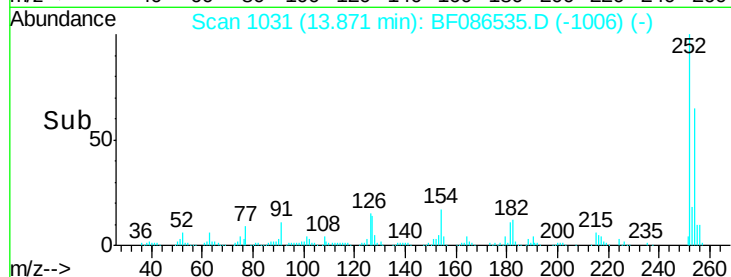
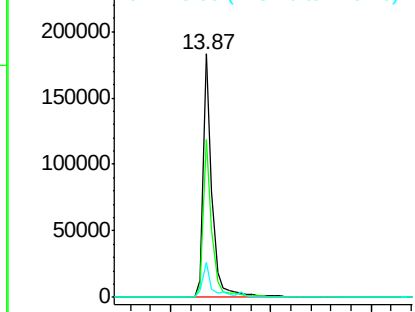
#81
 3,3'-Dichlorobenzidine
 Concen: 15.24 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.7	76.1
126	14.6	12.7	19.1

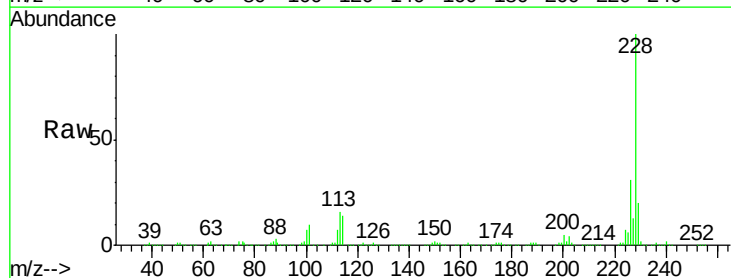


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

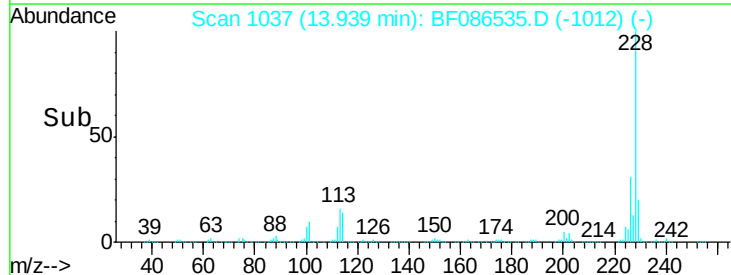
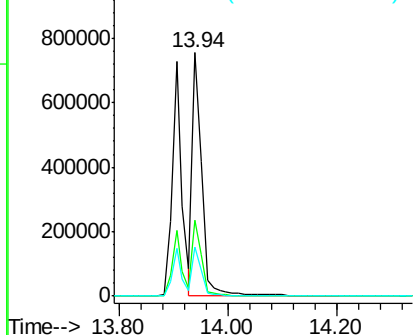


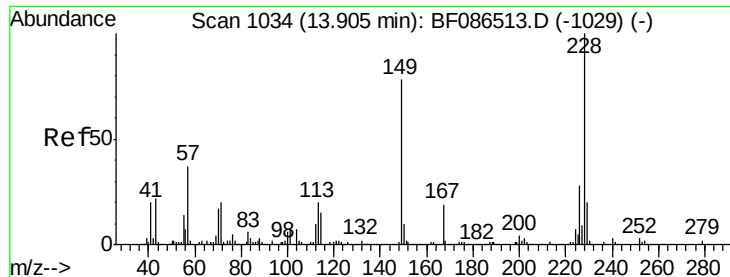
#82
 Chrysene
 Concen: 38.05 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.0	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

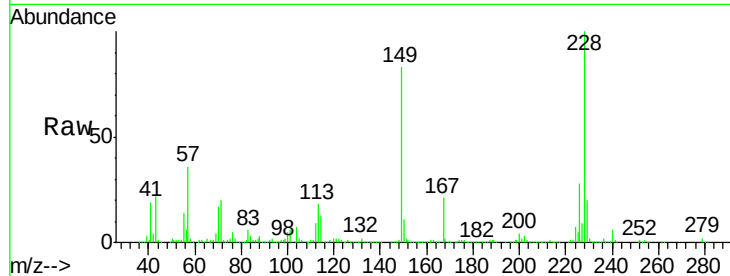




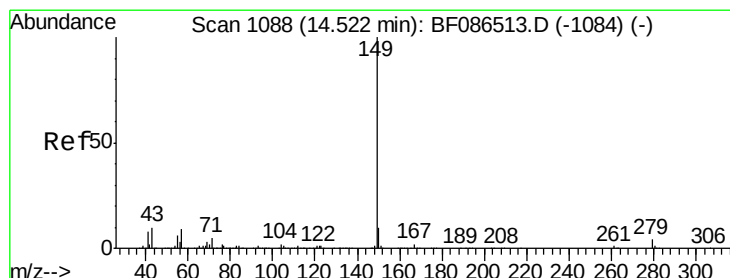
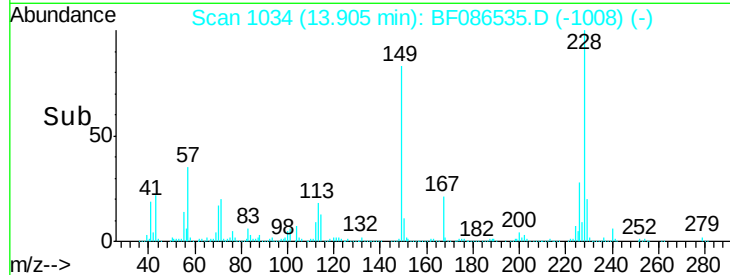
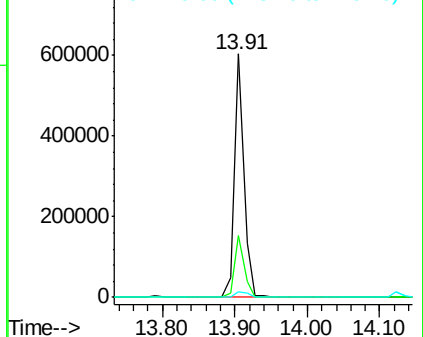
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.35 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 551471
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.8 32.6
 279 2.4 2.6 4.0#

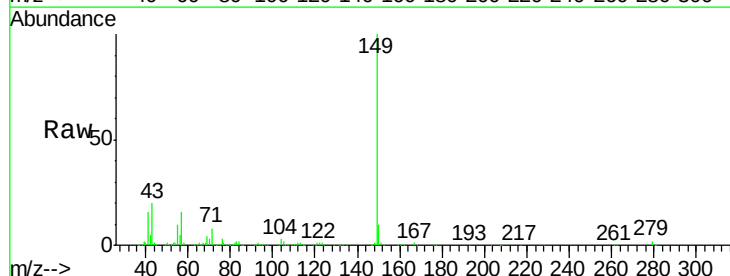


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

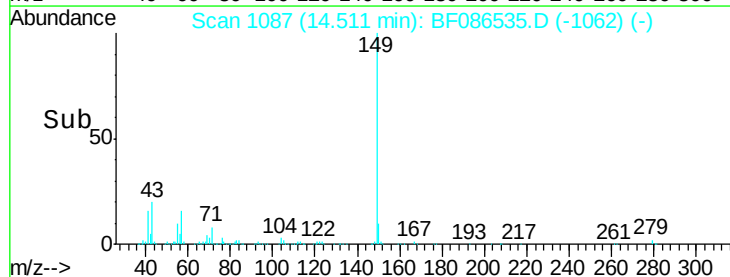
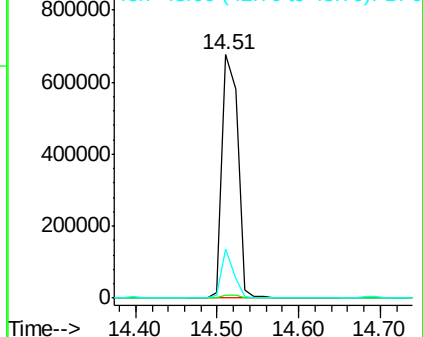


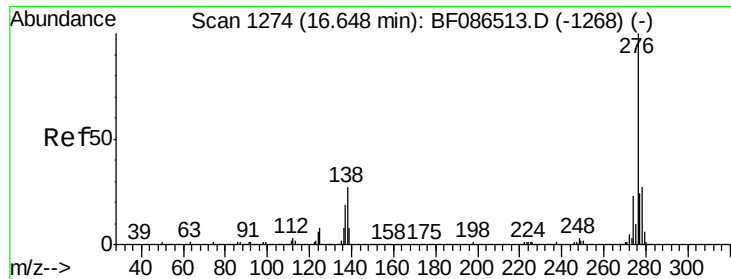
#84
 Di-n-octyl phthalate
 Concen: 35.77 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086535.D
 Acq: 30 Apr 2016 20:40

Tgt Ion:149 Resp: 899298
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 15.2 8.2 12.4#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.39 ng

RT: 16.65 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

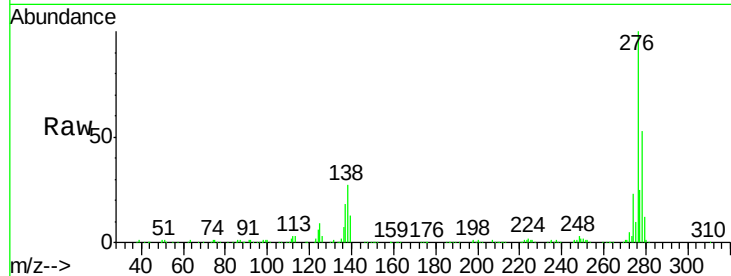
Tot Ion:276 Resp: 825566

Ion Ratio Lower Upper

276 100

138 29.0 25.6 38.4

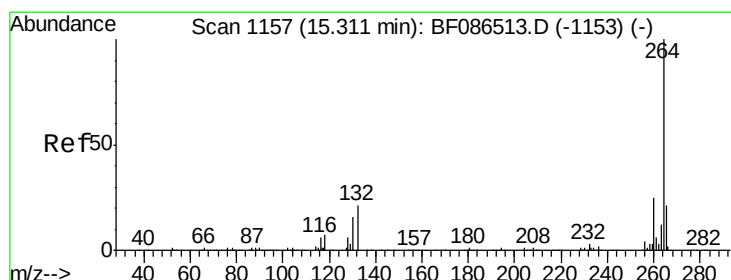
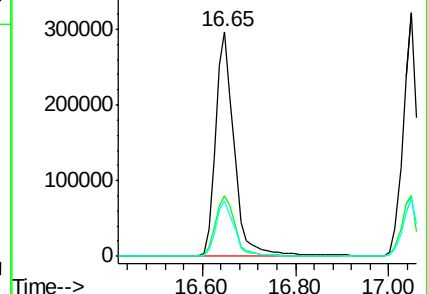
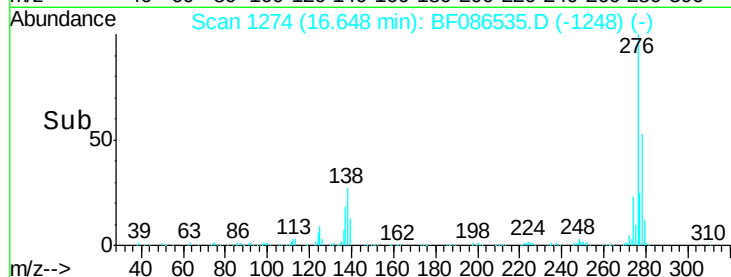
277 25.2 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

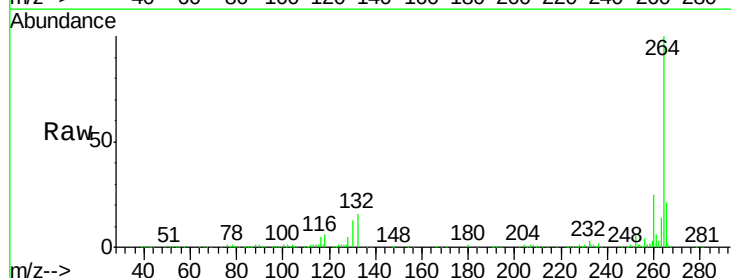
Tgt Ion:264 Resp: 329020

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

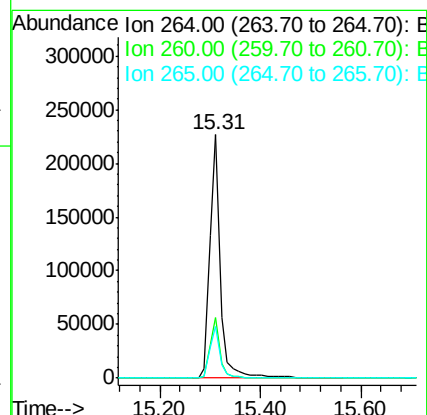
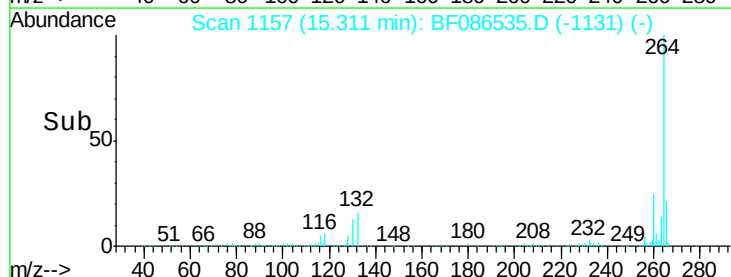
265 21.3 17.3 25.9

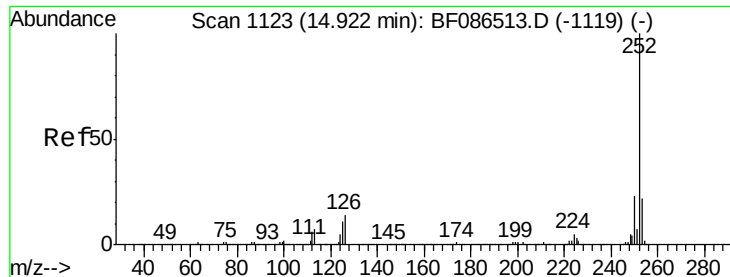


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 81.85 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

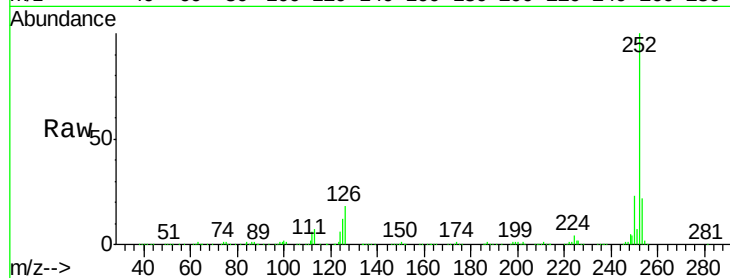
Tot Ion:252 Resp: 1584336

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

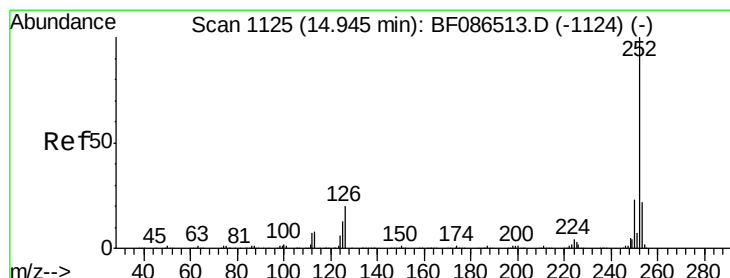
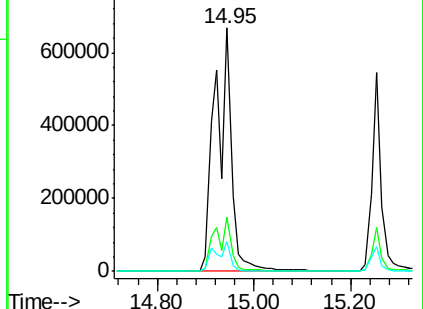
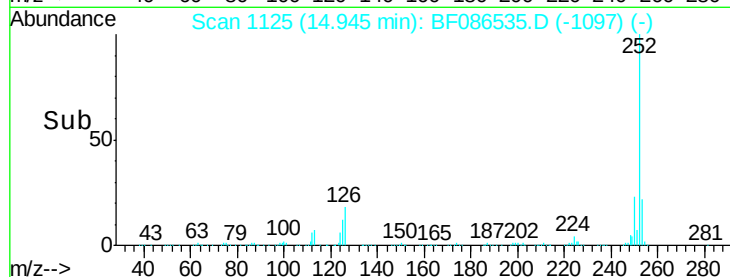
125 12.2 11.4 17.0



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: 78.58 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

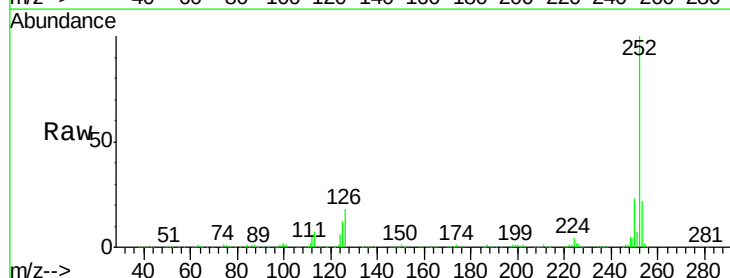
Tgt Ion:252 Resp: 1586531

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

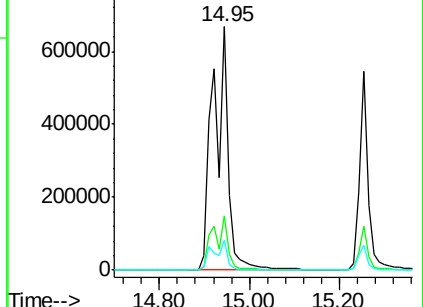
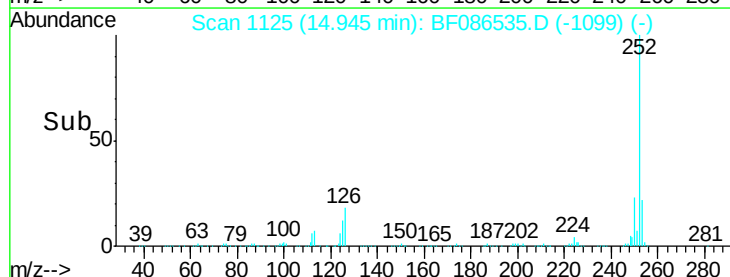
125 12.2 9.1 13.7

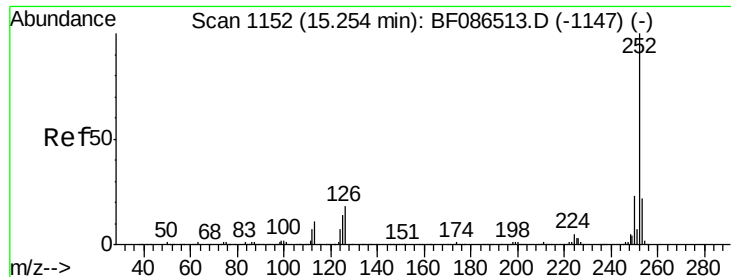


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

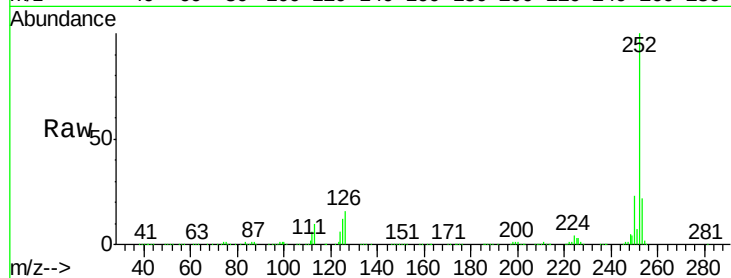




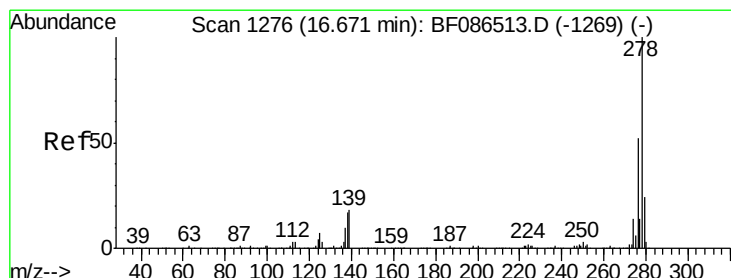
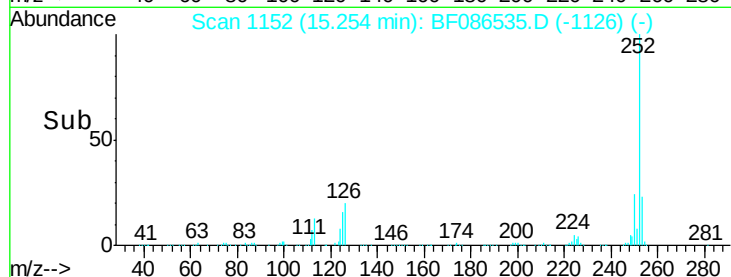
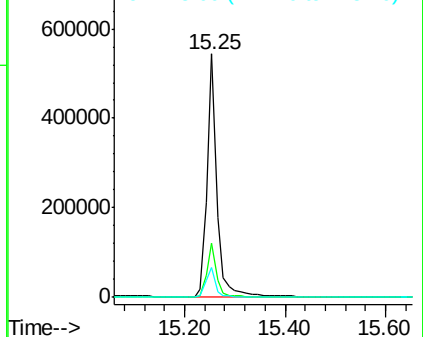
#89
Benzo(a)pyrene
Concen: 40.34 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 737144
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.4 9.0 13.6

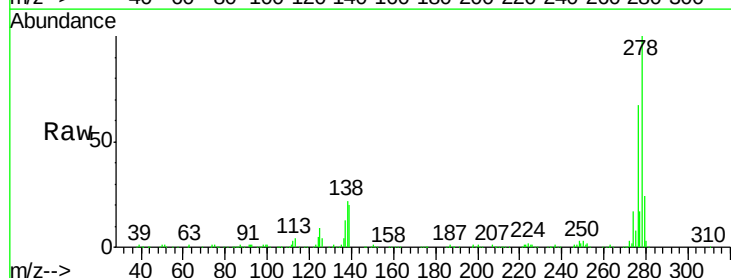


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

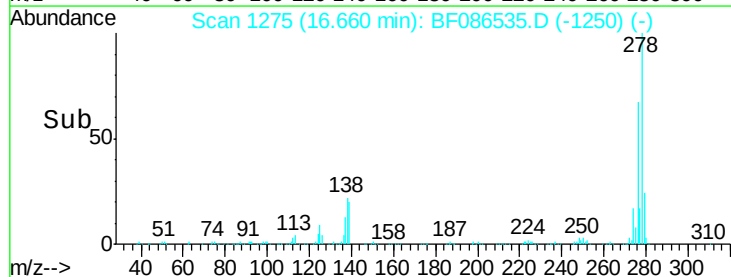
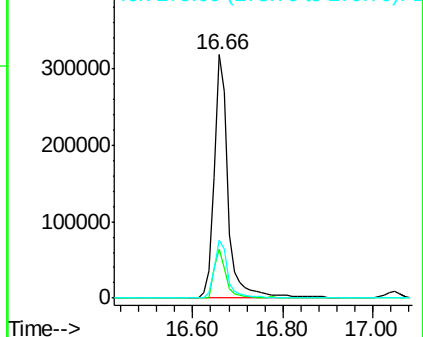


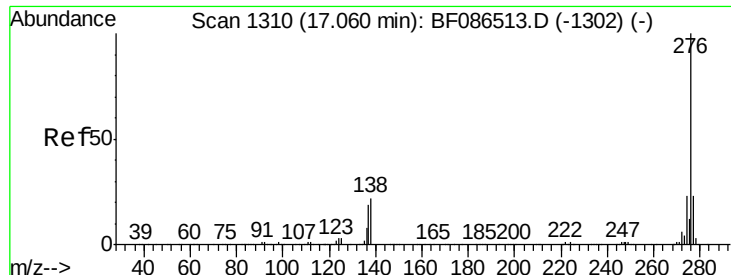
#90
Dibenzo(a,h)anthracene
Concen: 46.20 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086535.D
Acq: 30 Apr 2016 20:40

Tgt Ion:278 Resp: 690972
Ion Ratio Lower Upper
278 100
139 20.2 16.6 24.8
279 24.0 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(a,h,i)perylene

Concen: 46.65 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF086535.D

Acq: 30 Apr 2016 20:40

Instrument :

BNA_F

ClientSampleId :

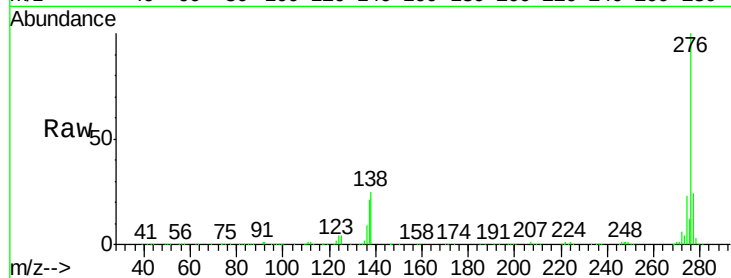
Tot Ion:276 Resp: 699193

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 25.0 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

