

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082598.D
 Acq On : 31 Oct 2015 3:57
 Operator : UM/IZ
 Sample : PB86301BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Quant Time: Oct 31 04:45:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	190925	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	720492	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	383221	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	710281	20.00	ng	0.00
75) Chrysene-d12	14.08	240	582276	20.00	ng	0.00
86) Perylene-d12	15.53	264	420329	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1402181	110.61	ng	0.01
7) Phenol-d6	6.53	99	1954919	116.08	ng	0.00
23) Nitrobenzene-d5	7.47	82	1514815	85.85	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	479623	114.36	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2222369	82.34	ng	0.00
78) Terphenyl-d14	13.02	244	2074779	77.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	174492	29.78	ng	# 89
3) Pyridine	3.36	79	539093	31.38	ng	93
4) n-Nitrosodimethylamine	3.30	42	318096	32.89	ng	97
6) Aniline	6.57	93	489506	20.88	ng	98
8) 2-Chlorophenol	6.69	128	518351	37.79	ng	95
9) Benzaldehyde	6.44	77	132132	11.49	ng	97
10) Phenol	6.54	94	559081	29.30	ng	90
11) bis(2-Chloroethyl)ether	6.64	93	472374	33.56	ng	98
12) 1,3-Dichlorobenzene	6.84	146	513188	32.81	ng	99
13) 1,4-Dichlorobenzene	6.92	146	566506	36.52	ng	96
14) 1,2-Dichlorobenzene	7.08	146	515035	35.77	ng	97
15) Benzyl Alcohol	7.05	79	593690	37.80	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	820774	36.69	ng	98
17) 2-Methylphenol	7.16	107	463093	39.71	ng	97
18) Hexachloroethane	7.42	117	223170	36.87	ng	94
19) n-Nitroso-di-n-propylamine	7.32	70	408247	31.98	ng	96
20) 3+4-Methylphenols	7.31	107	517730	34.16	ng	93
22) Acetophenone	7.31	105	769561	36.28	ng	# 78
24) Nitrobenzene	7.48	77	592210	33.21	ng	# 85
25) Isophorone	7.73	82	1170795	36.07	ng	99
26) 2-Nitrophenol	7.80	139	230271	35.35	ng	98
27) 2,4-Dimethylphenol	7.85	122	511867	40.25	ng	100
28) bis(2-Chloroethoxy)methane	7.94	93	610569	34.39	ng	97
29) 2,4-Dichlorophenol	8.05	162	441190	38.06	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	450343	35.01	ng	99
31) Naphthalene	8.21	128	1371287	35.17	ng	100
32) Benzoic acid	7.96	122	328562	35.61	ng	95
33) 4-Chloroaniline	8.26	127	213579	12.83	ng	# 91
34) Hexachlorobutadiene	8.34	225	298365	36.47	ng	99
35) Caprolactam	8.62	113	136532	38.39	ng	97
36) 4-Chloro-3-methylphenol	8.74	107	518225	37.96	ng	98
37) 2-Methylnaphthalene	8.91	142	1037077	41.05	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	472473	36.95	ng	98
40) Hexachlorocyclopentadiene	9.07	237	656694	81.69	ng	99

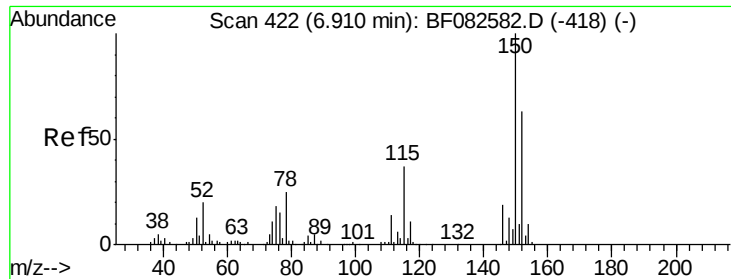
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082598.D
 Acq On : 31 Oct 2015 3:57
 Operator : UM/IZ
 Sample : PB86301BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Quant Time: Oct 31 04:45:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	348561	37.75	ng	97
43) 2,4,5-Trichlorophenol	9.23	196	325782	35.41	ng	# 81
45) 1,1'-Biphenyl	9.38	154	1154671	35.67	ng	98
46) 2-Chloronaphthalene	9.40	162	934606	36.98	ng	97
47) 2-Nitroaniline	9.48	65	328749	33.46	ng	98
48) Acenaphthylene	9.81	152	1501836	37.15	ng	100
49) Dimethylphthalate	9.68	163	1158463	37.01	ng	99
50) 2,6-Dinitrotoluene	9.73	165	270195	41.65	ng	# 84
51) Acenaphthene	9.98	154	1058272	41.23	ng	99
52) 3-Nitroaniline	9.89	138	136231	18.88	ng	90
53) 2,4-Dinitrophenol	10.00	184	249948	72.97	ng	# 56
54) Dibenzofuran	10.16	168	1256154	36.07	ng	100
55) 4-Nitrophenol	10.05	139	373918	68.86	ng	# 67
56) 2,4-Dinitrotoluene	10.13	165	343609	39.17	ng	93
57) Fluorene	10.50	166	1022430	36.40	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	285775	36.75	ng	98
59) Diethylphthalate	10.38	149	1223708	38.41	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	510640	37.40	ng	94
61) 4-Nitroaniline	10.51	138	224312	32.57	ng	98
62) Azobenzene	10.65	77	1391208	38.72	ng	83
64) 4,6-Dinitro-2-methylphenol	10.54	198	186739	43.59	ng	89
65) n-Nitrosodiphenylamine	10.61	169	944200	38.67	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	295085	36.66	ng	# 63
67) Hexachlorobenzene	11.05	284	320327	35.89	ng	91
68) Atrazine	11.14	200	297130	37.19	ng	98
69) Pentachlorophenol	11.24	266	479155	81.42	ng	99
70) Phenanthrene	11.46	178	1490945	37.22	ng	99
71) Anthracene	11.52	178	1629643	40.40	ng	98
72) Carbazole	11.66	167	1486505	42.31	ng	99
73) Di-n-butylphthalate	12.01	149	1900952	42.50	ng	99
74) Fluoranthene	12.65	202	1612227	39.37	ng	98
76) Benzidine	12.76	184	507849	19.34	ng	99
77) Pyrene	12.88	202	1610941	37.36	ng	100
79) Butylbenzylphthalate	13.51	149	783837	41.51	ng	89
80) Benzo(a)anthracene	14.07	228	1370964	37.07	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	247253	19.40	ng	# 96
82) Chrysene	14.10	228	1063922	31.74	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	945617	38.63	ng	# 96
84) Di-n-octyl phthalate	14.68	149	1434849	37.57	ng	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	1012350	36.59	ng	99
87) Benzo(b)fluoranthene	15.11	252	986329	34.03	ng	99
88) Benzo(k)fluoranthene	15.11	252	986329	44.67	ng	# 98
89) Benzo(a)pyrene	15.46	252	921973	40.39	ng	99
90) Dibenzo(a,h)anthracene	16.98	278	867793	40.74	ng	# 97
91) Benzo(g,h,i)perylene	17.38	276	856031	41.47	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

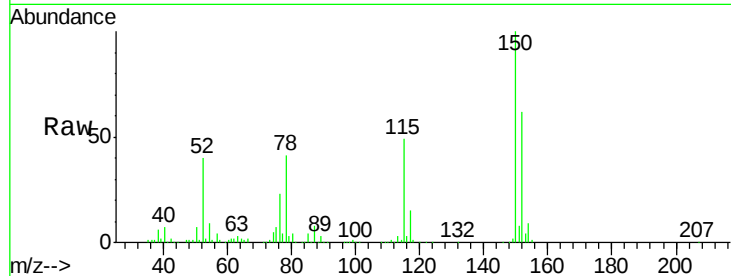
Tgt Ion:152 Resp: 190925

Ion Ratio Lower Upper

152 100

150 160.1 127.0 190.4

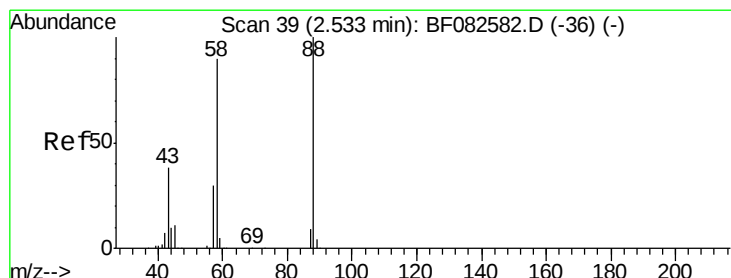
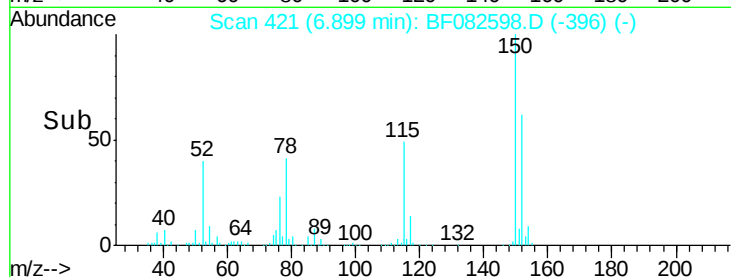
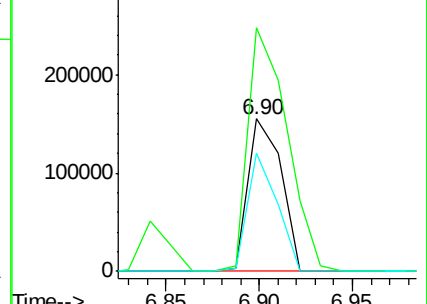
115 77.8 47.0 70.6#



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: 29.78 ng

RT: 2.64 min Scan# 48

Delta R.T. 0.10 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

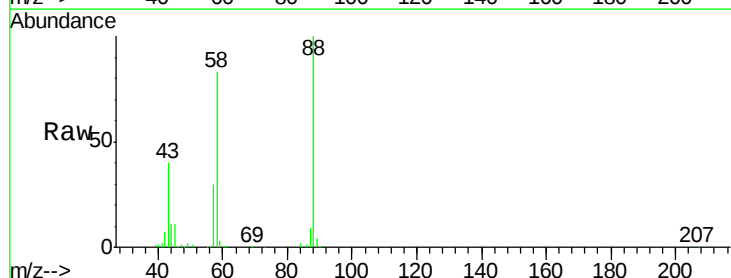
Tgt Ion: 88 Resp: 174492

Ion Ratio Lower Upper

88 100

58 86.1 62.0 93.0

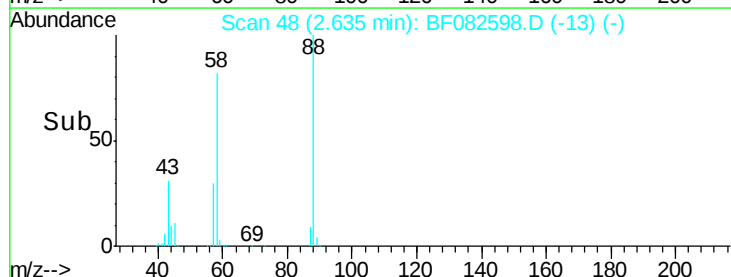
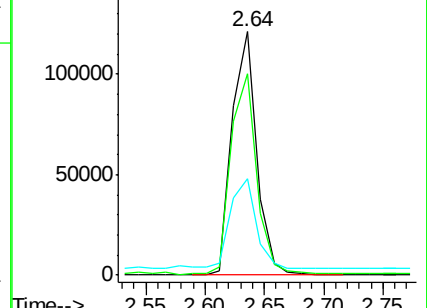
43 40.5 26.6 40.0#

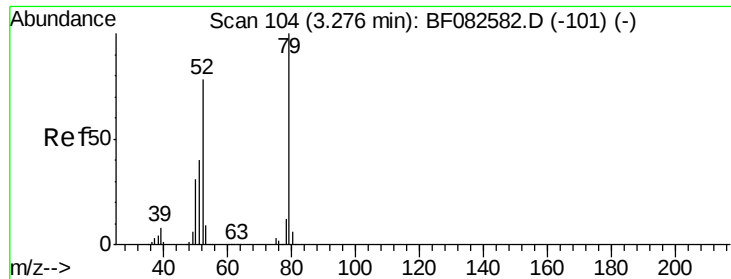


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.38 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.08 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

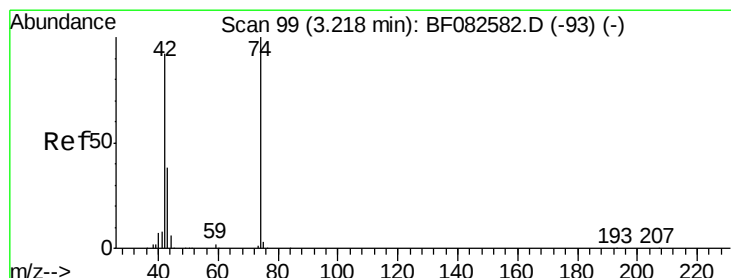
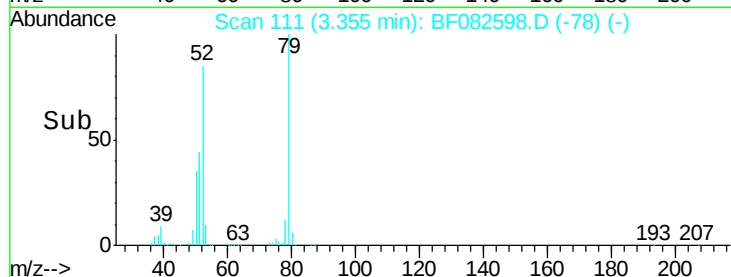
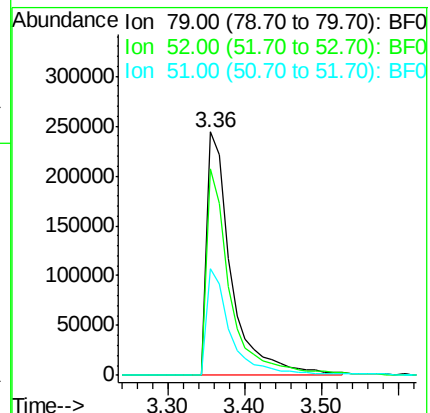
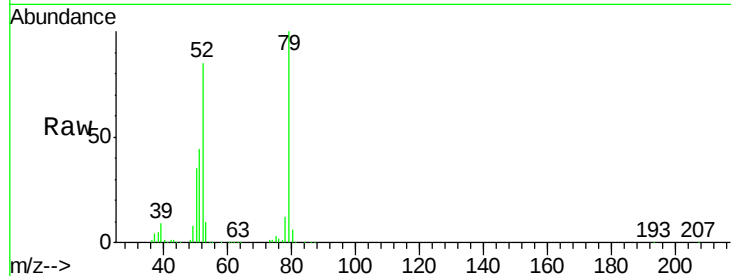
Tgt Ion: 79 Resp: 539093

Ion Ratio Lower Upper

79 100

52 84.9 62.8 94.2

51 44.1 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 32.89 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

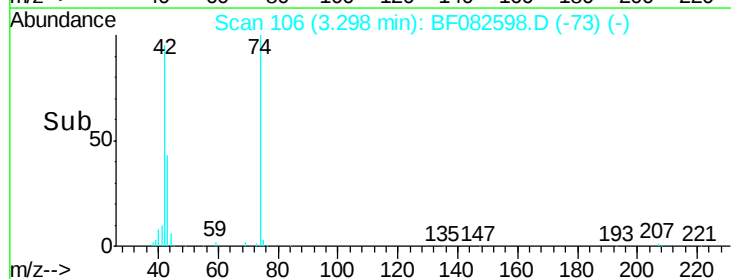
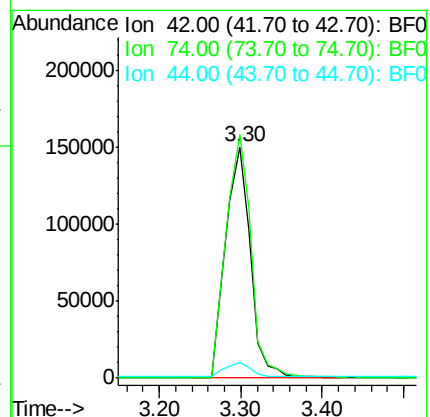
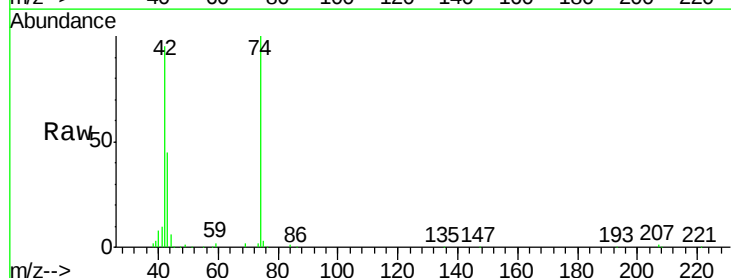
Tgt Ion: 42 Resp: 318096

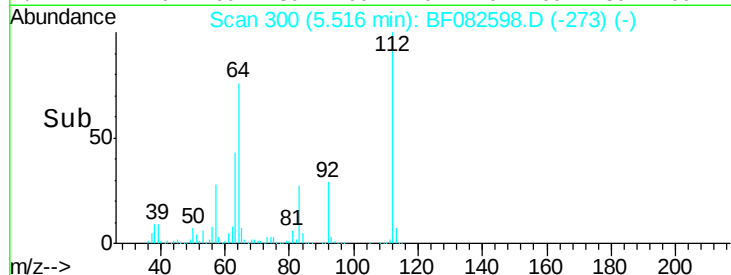
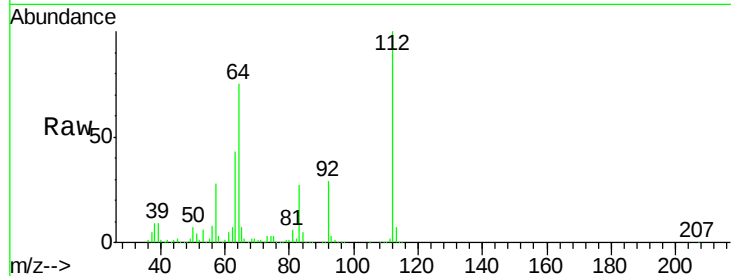
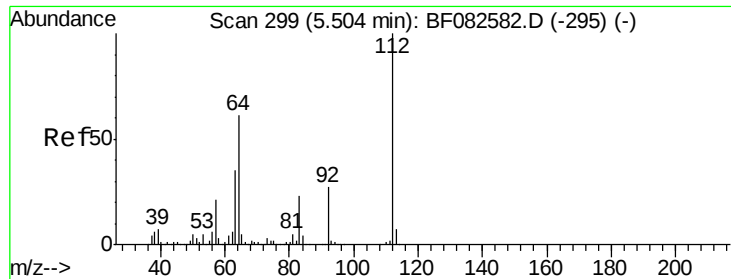
Ion Ratio Lower Upper

42 100

74 105.2 87.0 130.4

44 6.8 5.8 8.8





#5

2-Fluorophenol

Concen: 110.61 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

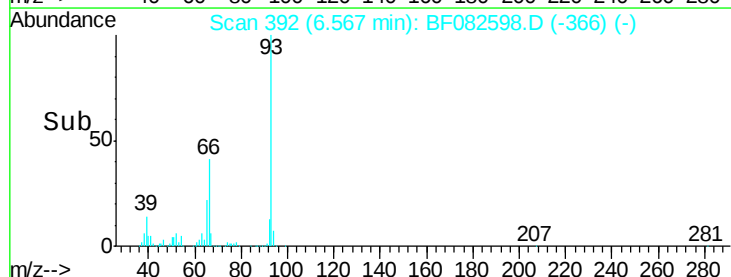
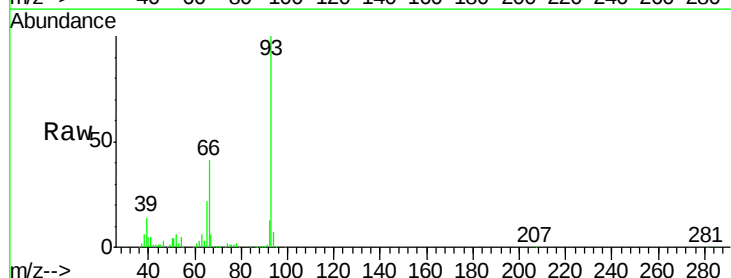
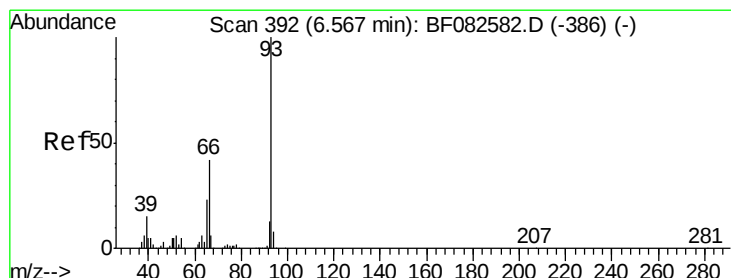
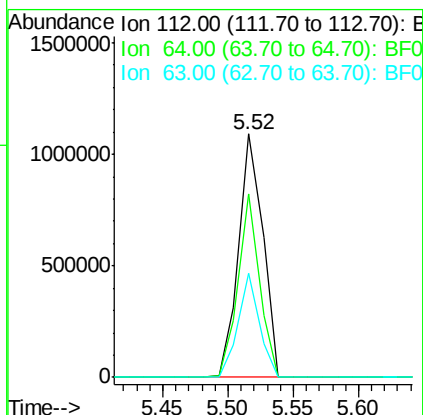
Tgt Ion:112 Resp: 1402181

Ion Ratio Lower Upper

112 100

64 75.5 48.9 73.3#

63 42.8 28.1 42.1#



#6

Aniline

Concen: 20.88 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

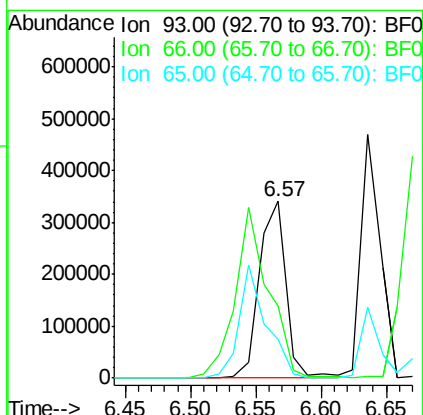
Tgt Ion: 93 Resp: 489506

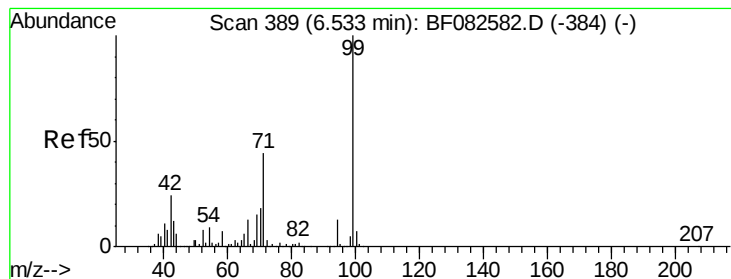
Ion Ratio Lower Upper

93 100

66 40.5 33.6 50.4

65 22.0 18.1 27.1





#7

Phenol-d6

Concen: 116.08 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

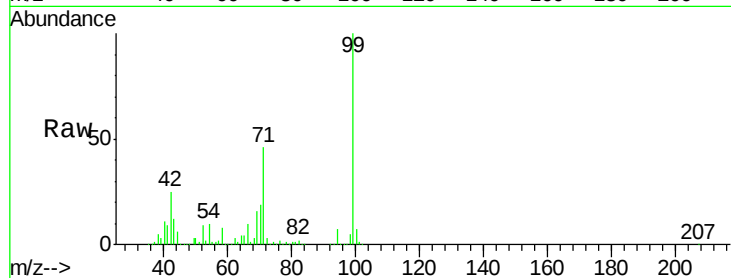
Tgt Ion: 99 Resp: 1954919

Ion Ratio Lower Upper

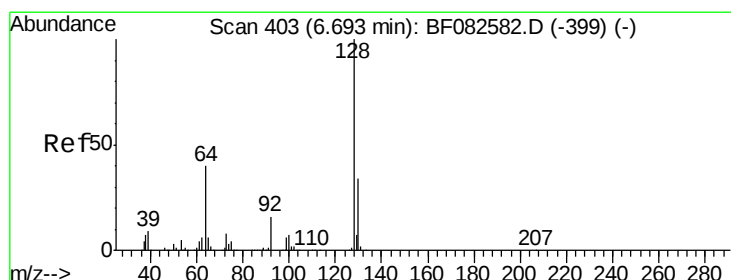
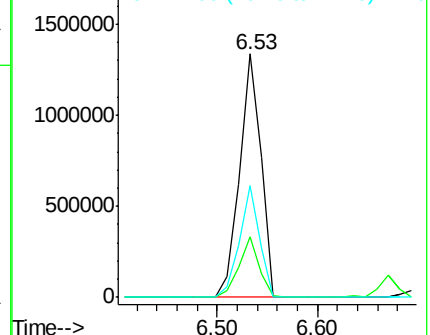
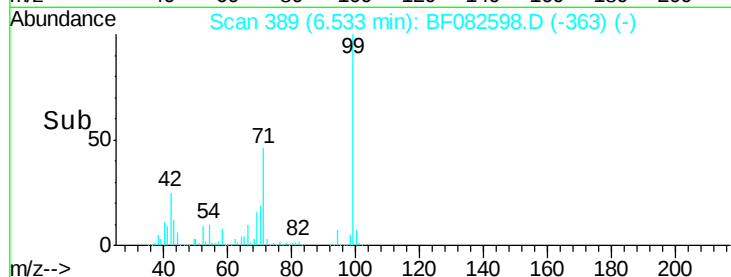
99 100

42 24.8 19.2 28.8

71 45.8 35.0 52.4



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: 37.79 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

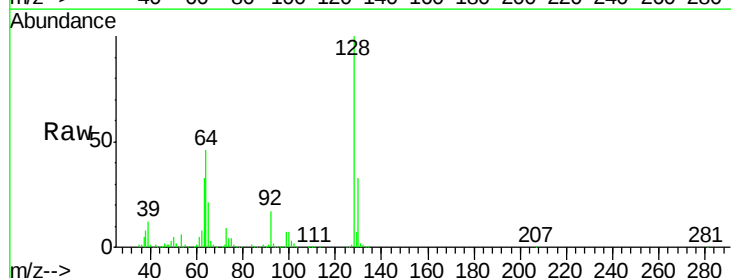
Tgt Ion: 128 Resp: 518351

Ion Ratio Lower Upper

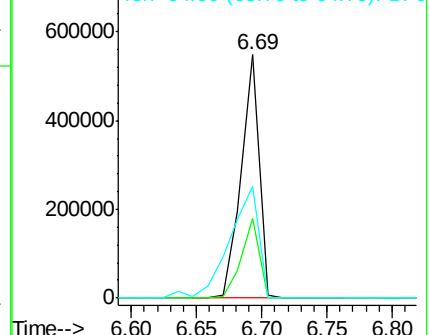
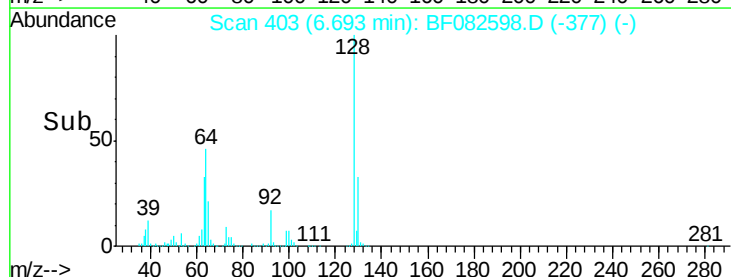
128 100

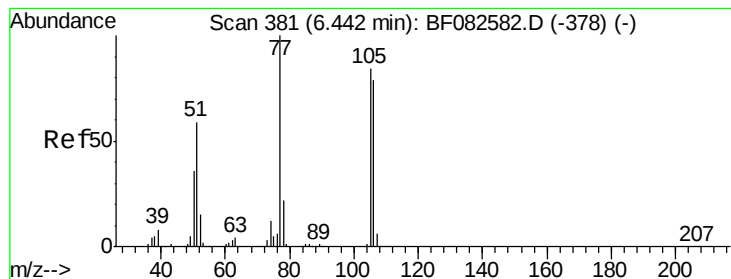
130 33.0 13.5 53.5

64 46.0 21.1 61.1



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: 11.49 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

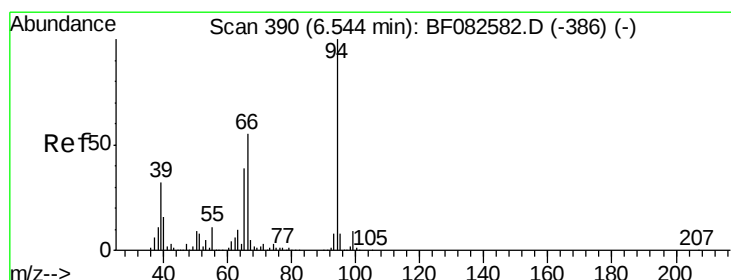
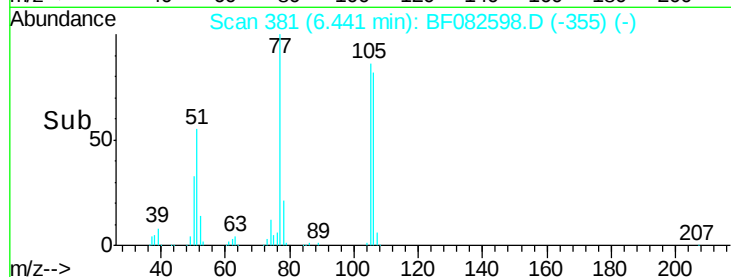
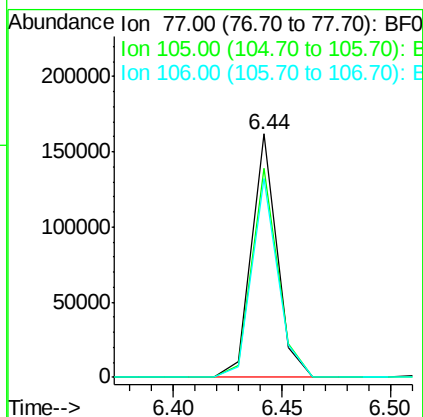
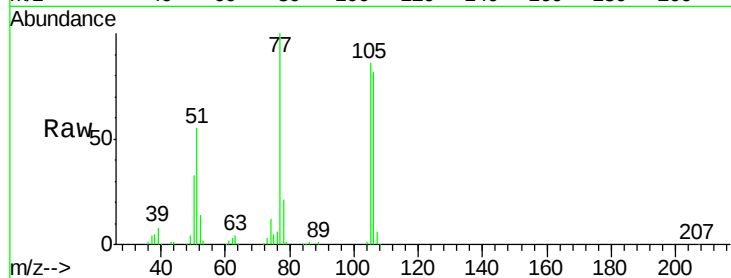
Tgt Ion: 77 Resp: 132132

Ion Ratio Lower Upper

77 100

105 85.8 63.5 103.5

106 81.8 59.3 99.3



#10

Phenol

Concen: 29.30 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

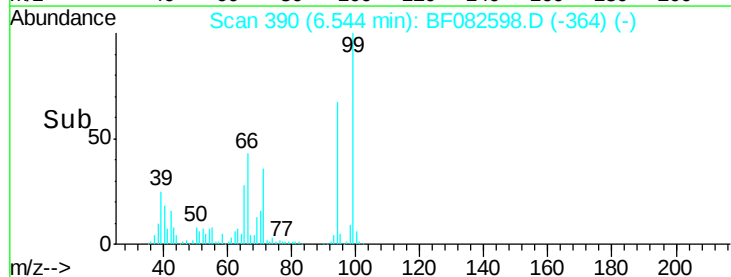
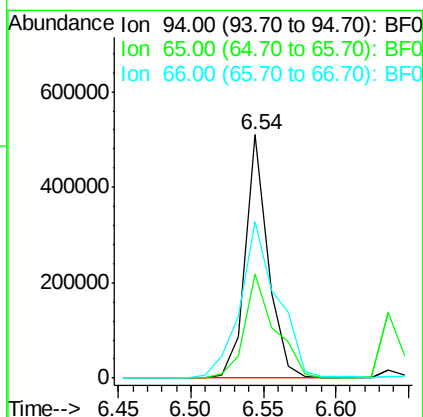
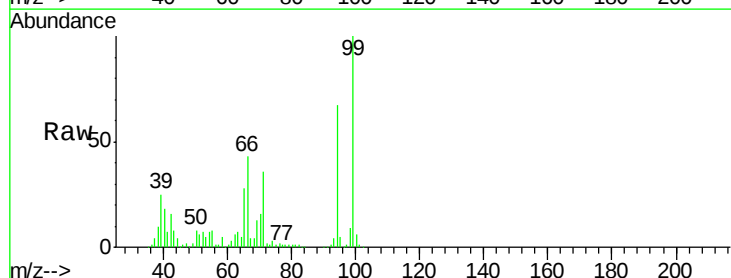
Tgt Ion: 94 Resp: 559081

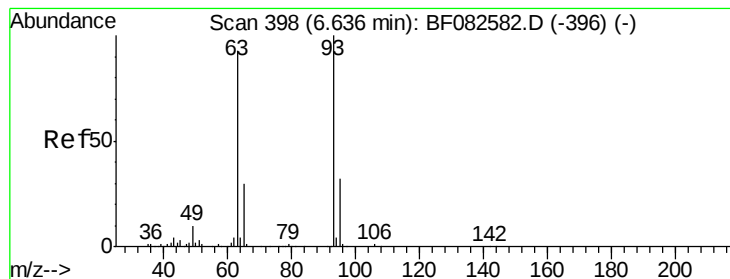
Ion Ratio Lower Upper

94 100

65 42.6 18.9 58.9

66 64.3 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 33.56 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

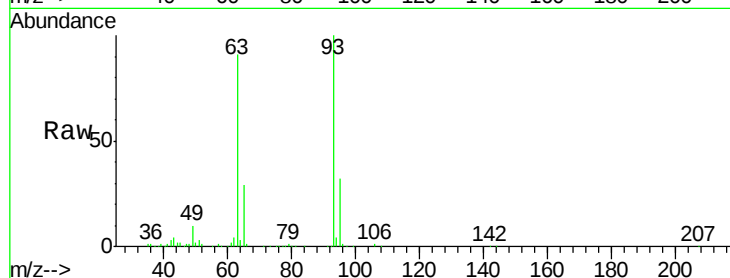
Tgt Ion: 93 Resp: 472374

Ion Ratio Lower Upper

93 100

63 90.8 72.7 112.7

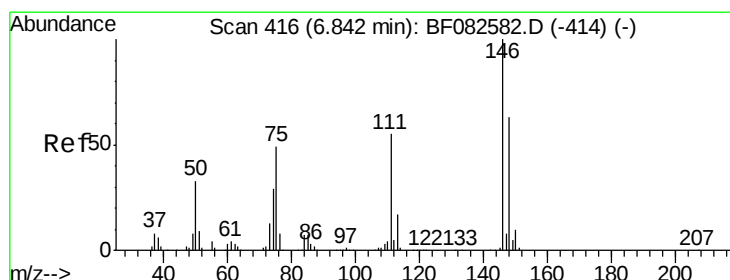
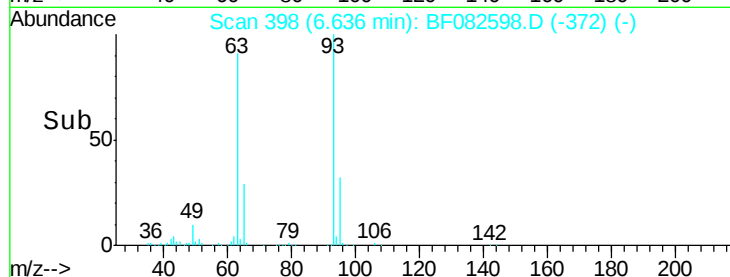
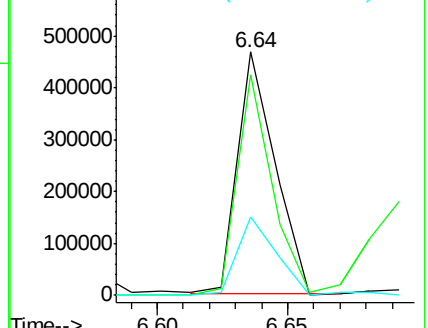
95 32.4 12.0 52.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 32.81 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

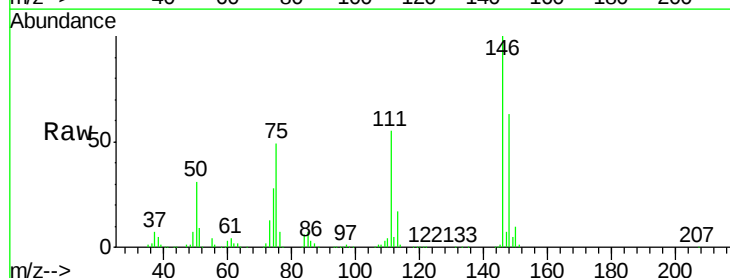
Tgt Ion: 146 Resp: 513188

Ion Ratio Lower Upper

146 100

148 62.5 50.5 75.7

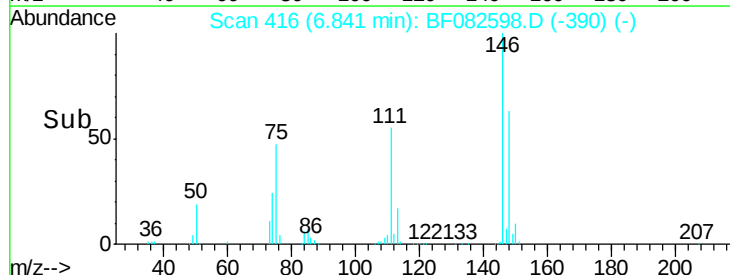
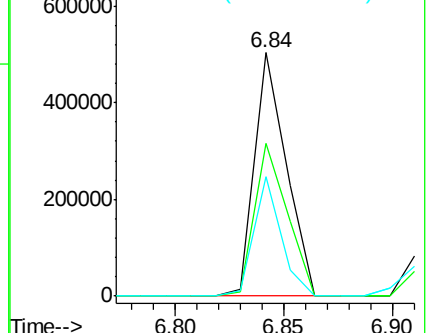
75 48.9 39.5 59.3

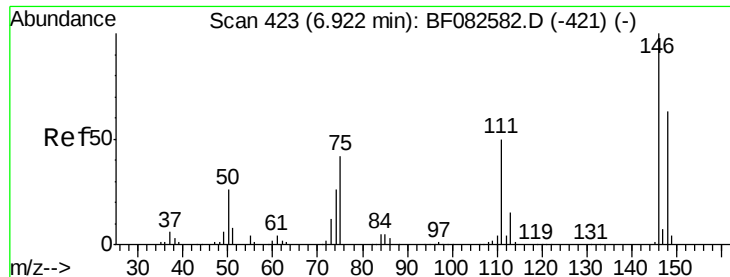


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

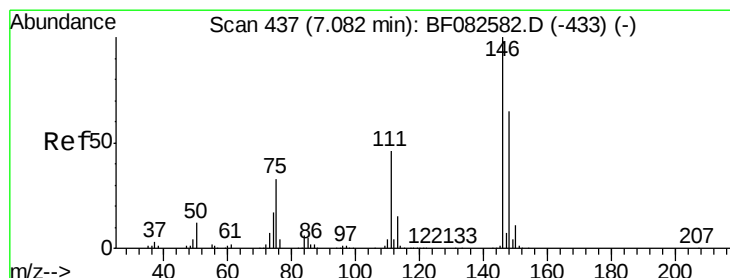
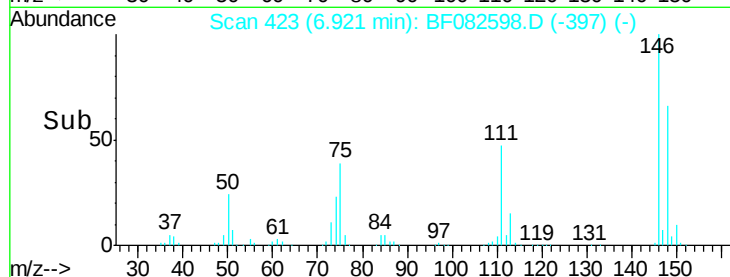
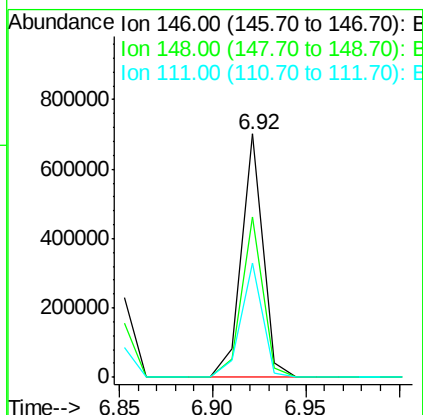
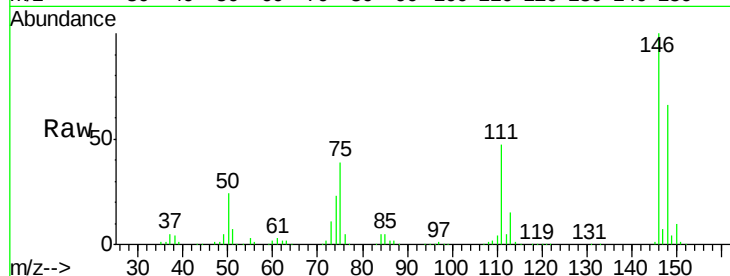




#13
 1,4-Dichlorobenzene
 Concen: 36.52 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

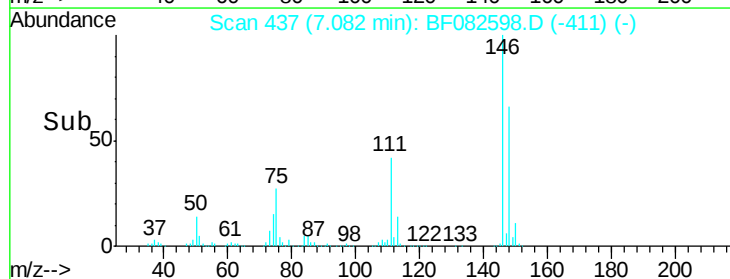
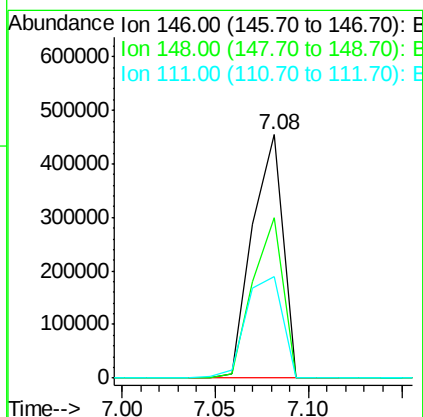
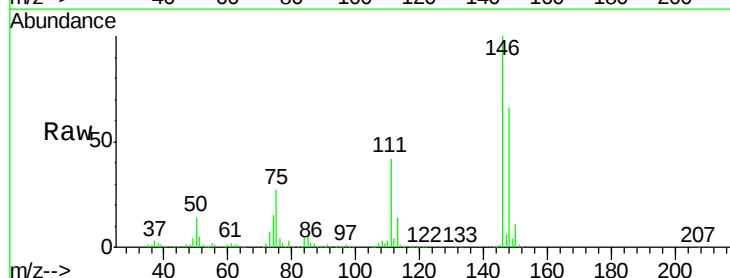
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

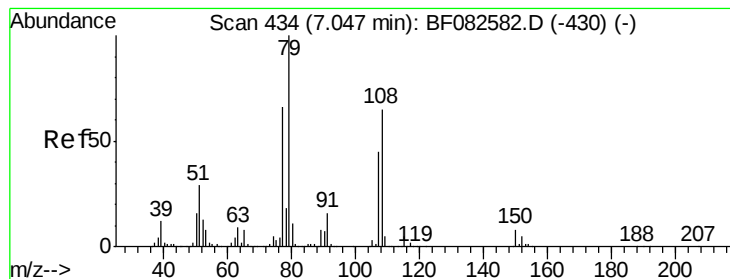
Tgt Ion:146 Resp: 566506
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.8 76.2
 111 47.2 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 35.77 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion:146 Resp: 515035
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.2 78.4
 111 41.6 36.6 55.0





#15

Benzyl Alcohol

Concen: 37.80 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

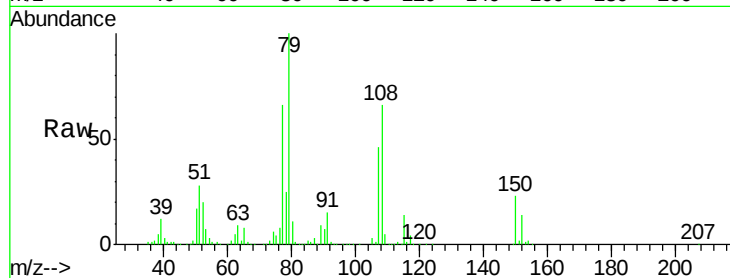
Tgt Ion: 79 Resp: 593690

Ion Ratio Lower Upper

79 100

108 65.5 52.2 78.4

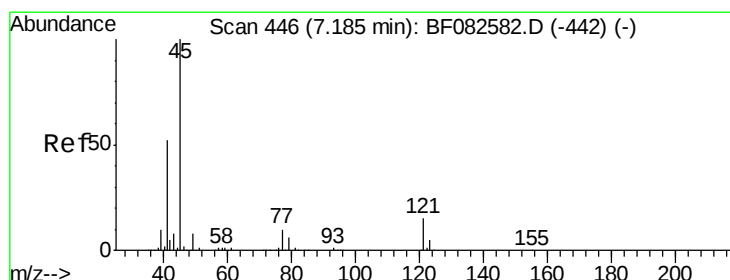
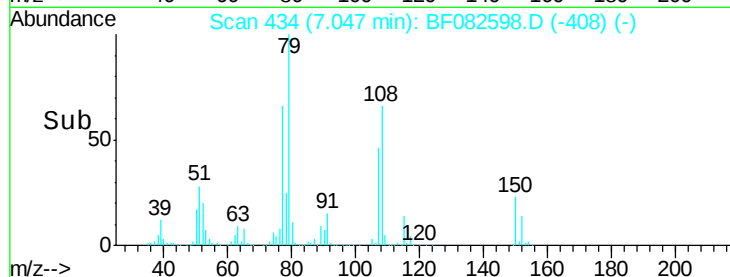
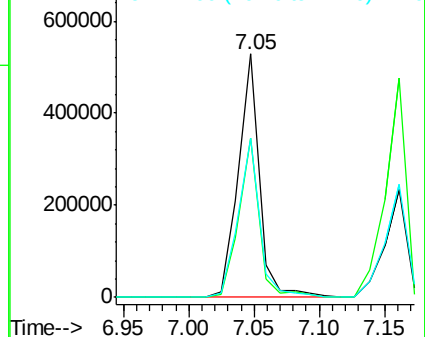
77 65.5 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.69 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

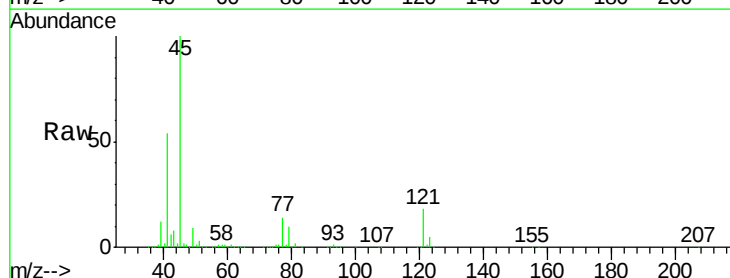
Tgt Ion: 45 Resp: 820774

Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.6

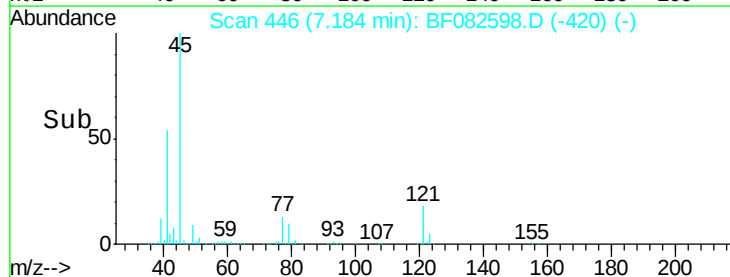
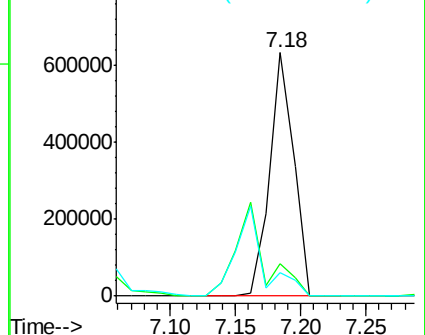
79 9.7 0.0 29.2

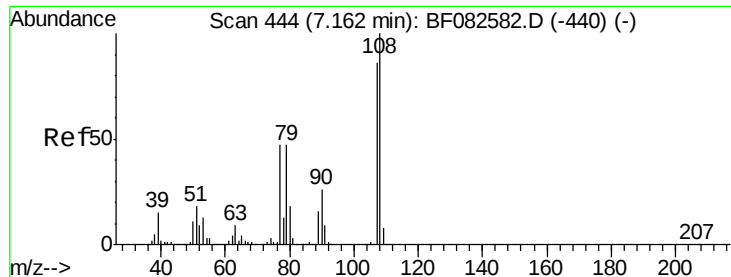


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

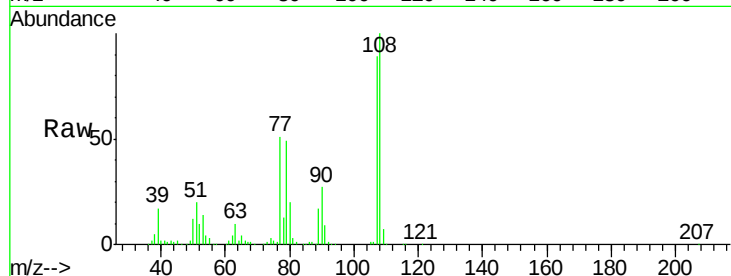




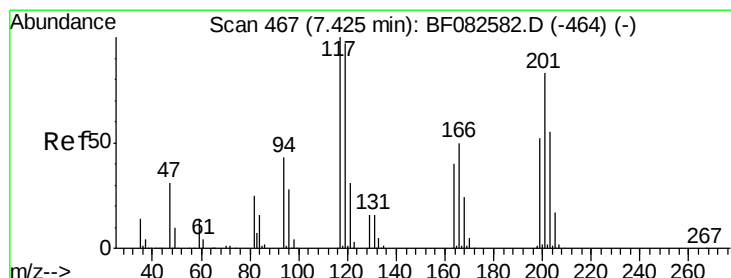
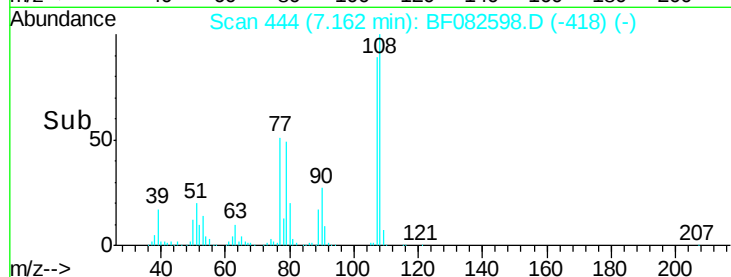
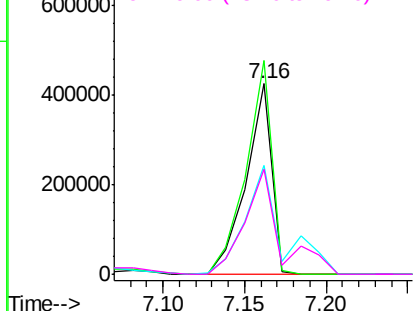
#17
2-Methylphenol
Concen: 39.71 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.3	93.0	139.4
77	57.5	44.1	66.1
79	55.2	43.6	65.4

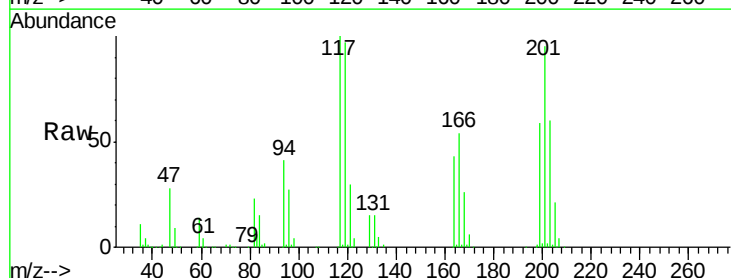


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

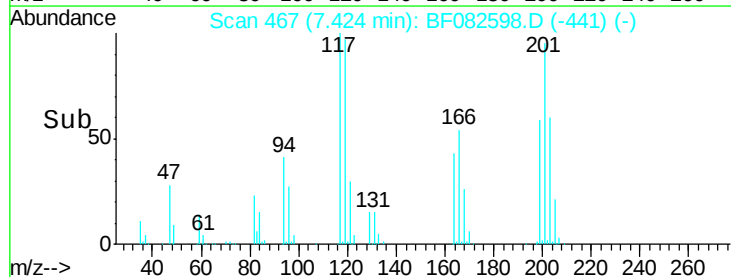
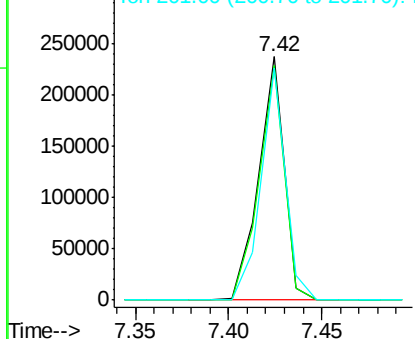


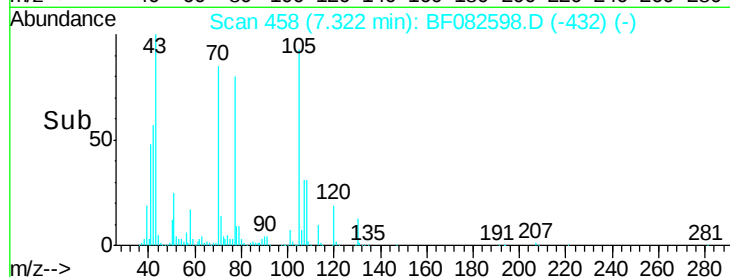
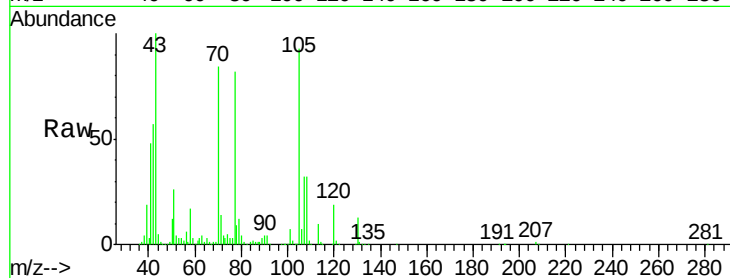
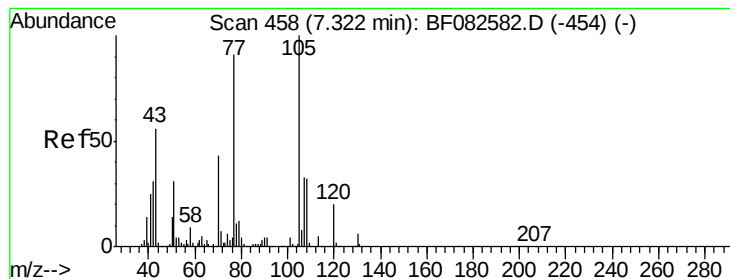
#18
Hexachloroethane
Concen: 36.87 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.7	116.5
201	95.3	66.7	100.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.98 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

Tgt Ion: 70 Resp: 408247

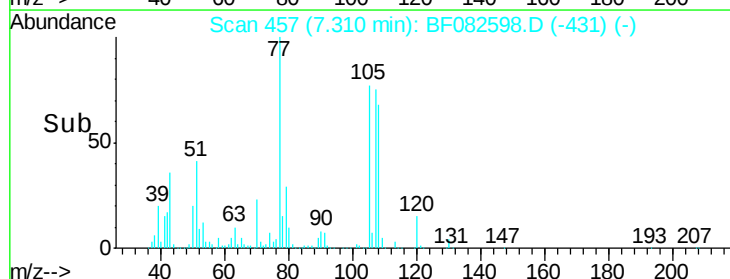
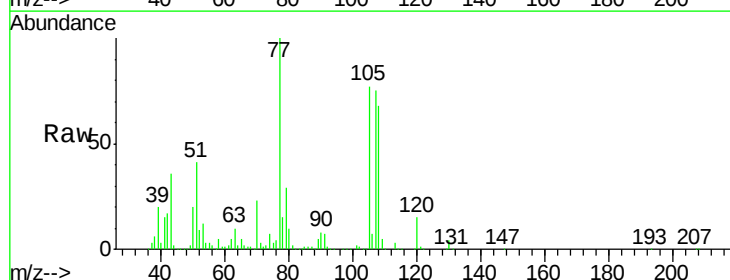
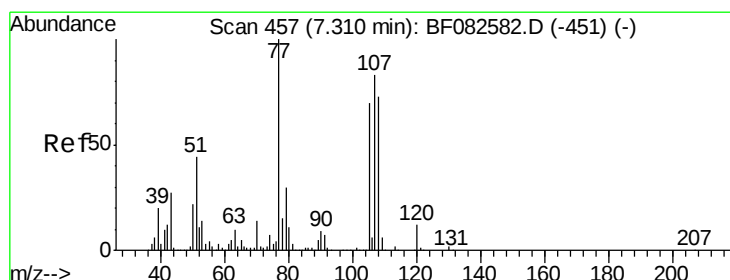
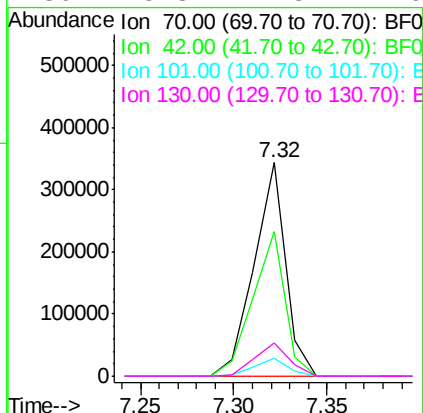
Ion Ratio Lower Upper

70 100

42 67.5 57.7 86.5

101 8.6 7.0 10.6

130 15.3 11.8 17.6



#20

3+4-Methylphenols

Concen: 34.16 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion: 107 Resp: 517730

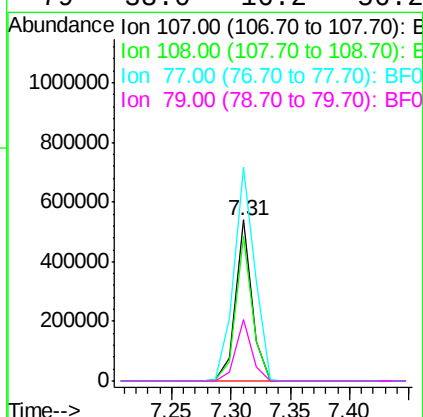
Ion Ratio Lower Upper

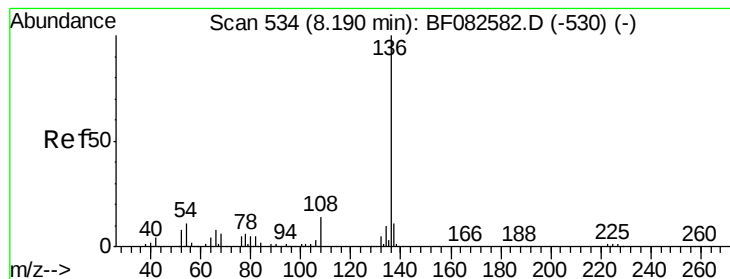
107 100

108 89.9 67.3 107.3

77 132.7 100.3 140.3

79 38.0 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

Tgt Ion:136 Resp: 720492

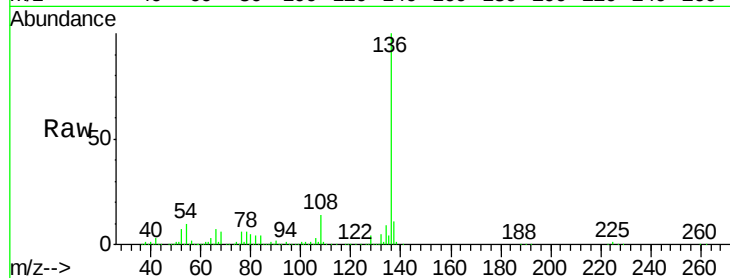
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 10.3 9.1 13.7

68 5.6 4.8 7.2

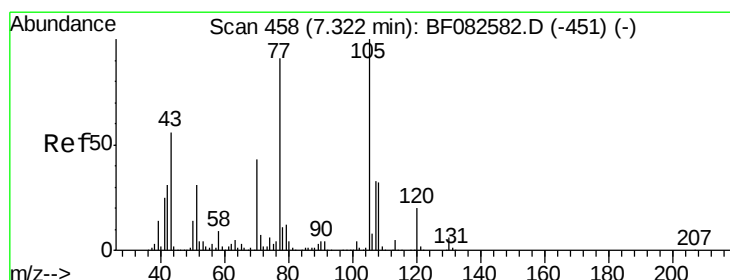
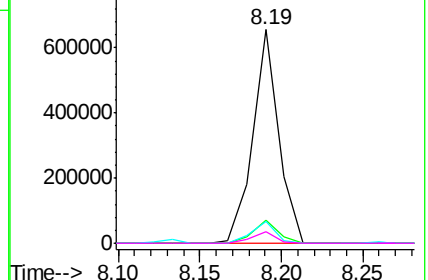
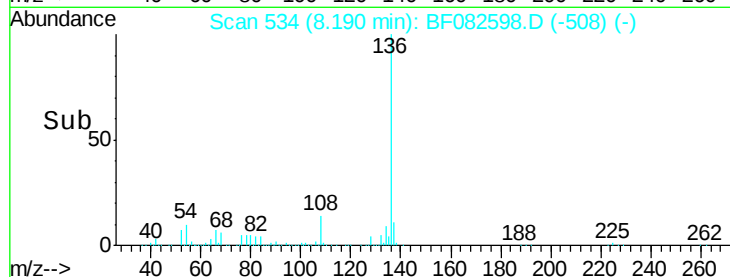


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.28 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion:105 Resp: 769561

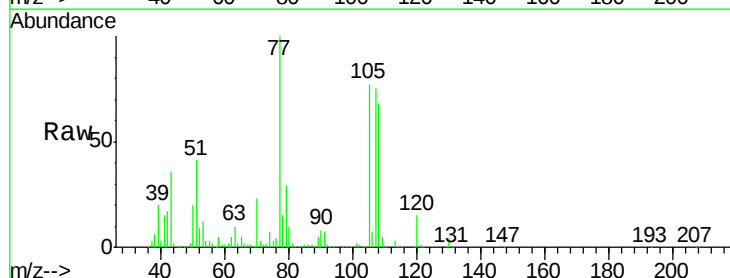
Ion Ratio Lower Upper

105 100

71 4.5 5.6 8.4#

51 52.9 24.9 37.3#

120 19.5 15.8 23.8

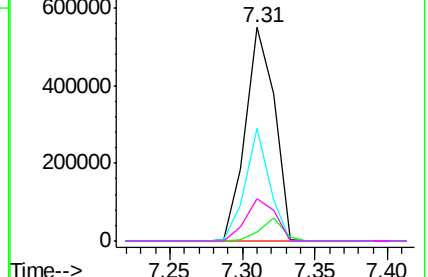
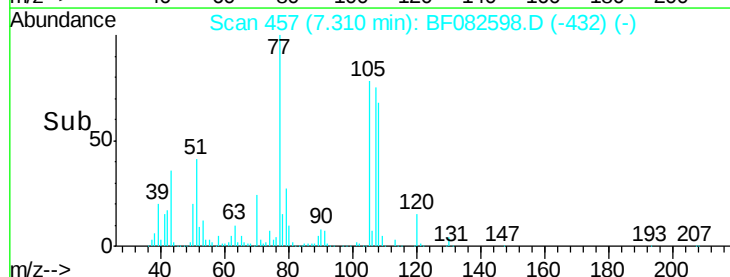


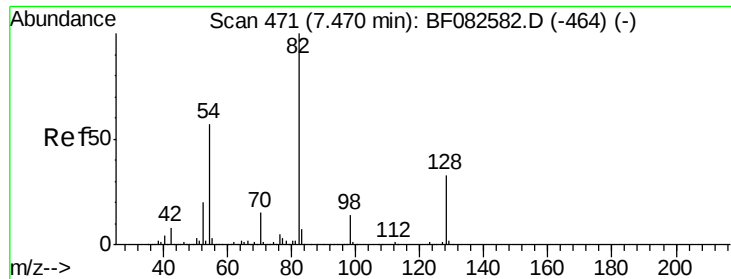
Abundance Ion 105.00 (104.70 to 105.70): E

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

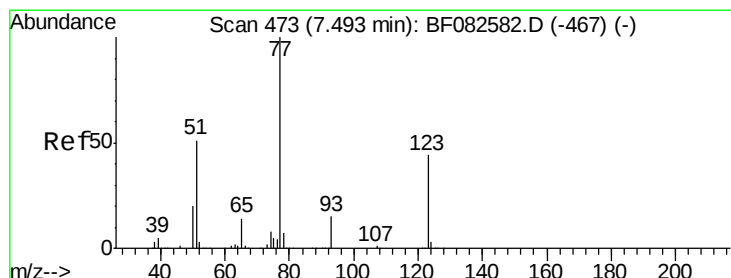
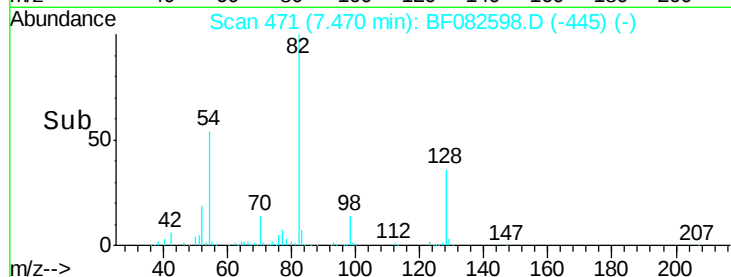
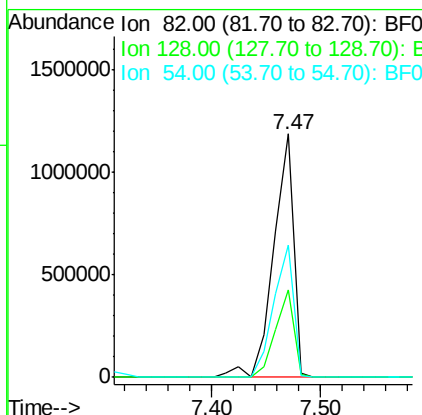
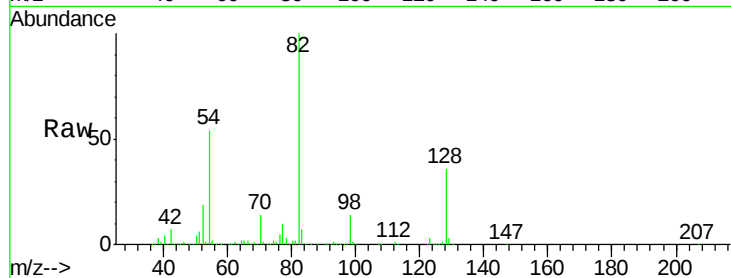




#23
 Nitrobenzene-d5
 Concen: 85.85 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

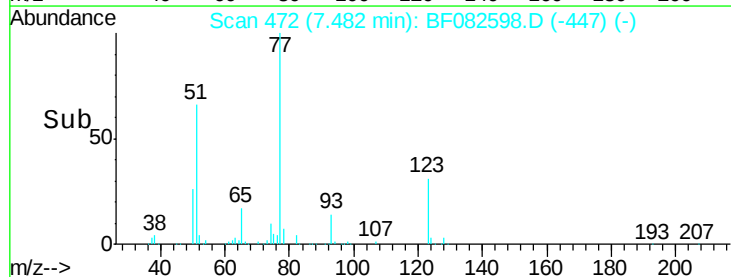
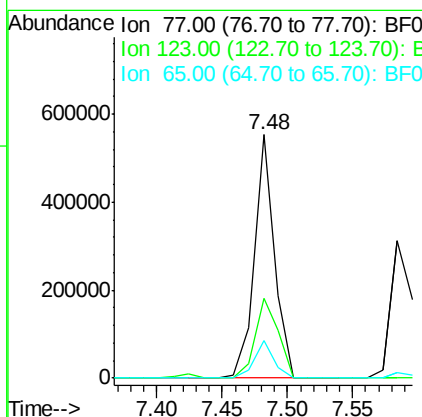
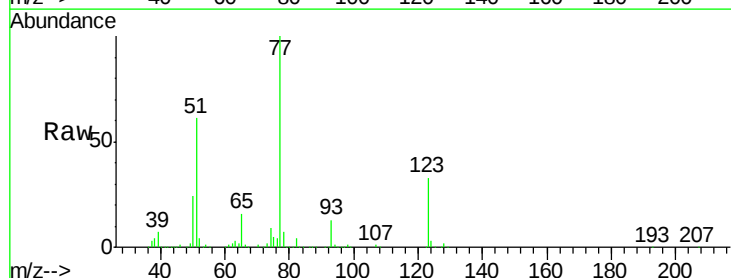
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

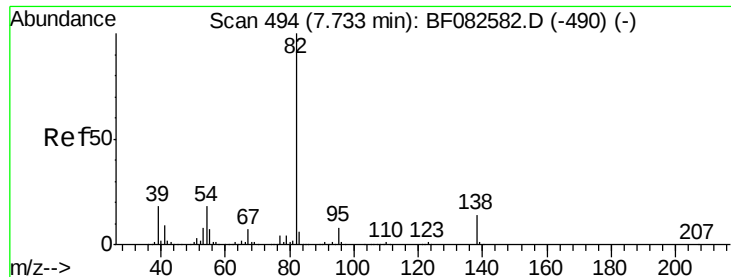
Tgt Ion: 82 Resp: 1514815
 Ion Ratio Lower Upper
 82 100
 128 35.9 26.8 40.2
 54 54.1 45.7 68.5



#24
 Nitrobenzene
 Concen: 33.21 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion: 77 Resp: 592210
 Ion Ratio Lower Upper
 77 100
 123 33.0 36.4 54.6#
 65 15.6 11.5 17.3





#25

Isophorone

Concen: 36.07 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

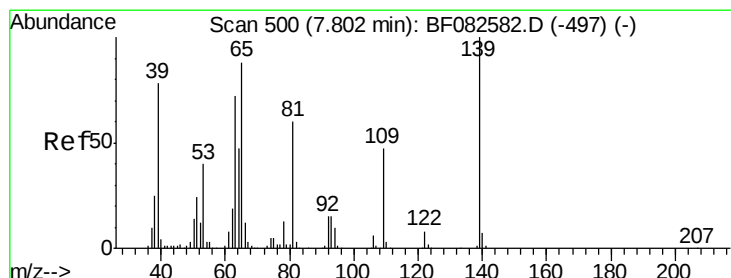
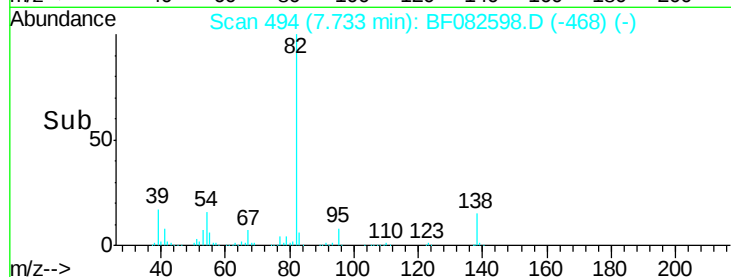
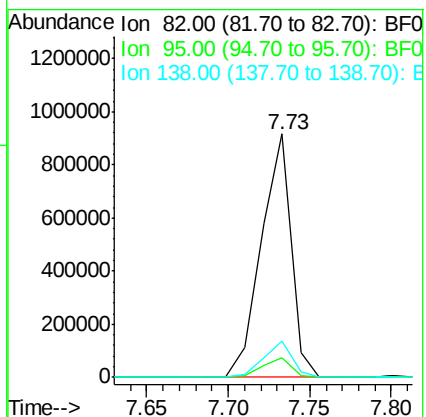
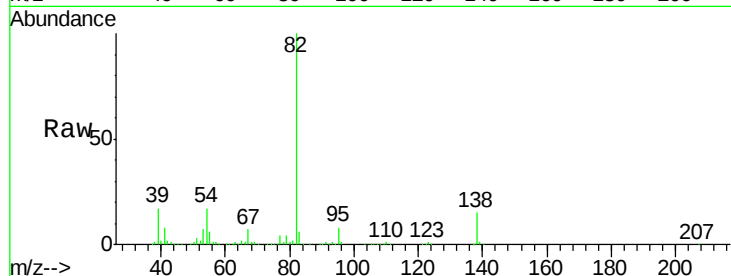
Tgt Ion: 82 Resp: 1170795

Ion Ratio Lower Upper

82 100

95 8.2 6.6 9.8

138 15.1 11.4 17.0



#26

2-Nitrophenol

Concen: 35.35 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

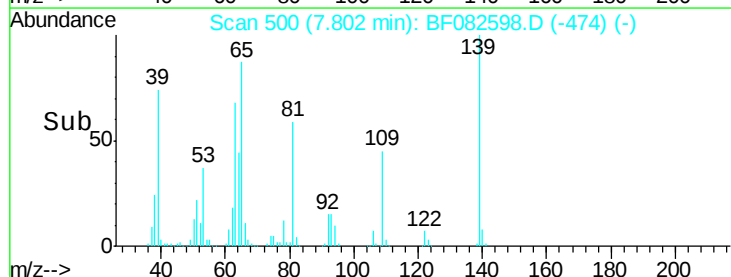
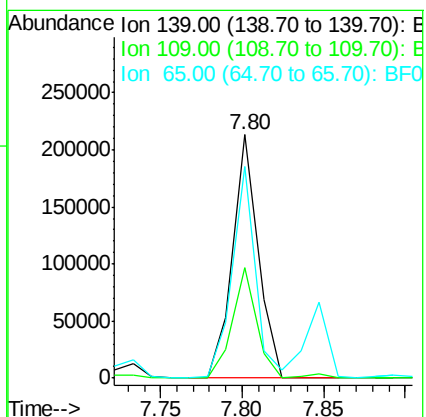
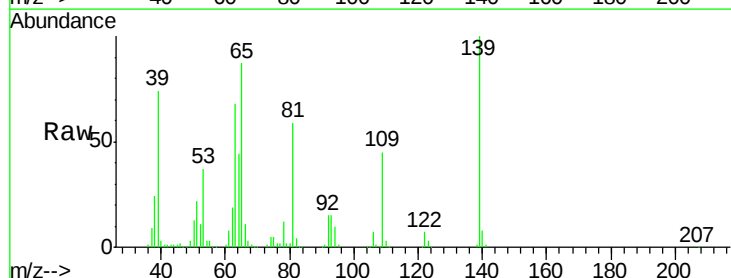
Tgt Ion: 139 Resp: 230271

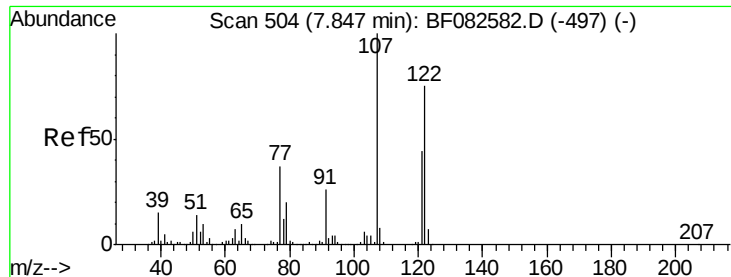
Ion Ratio Lower Upper

139 100

109 45.5 37.6 56.4

65 87.1 70.6 105.8

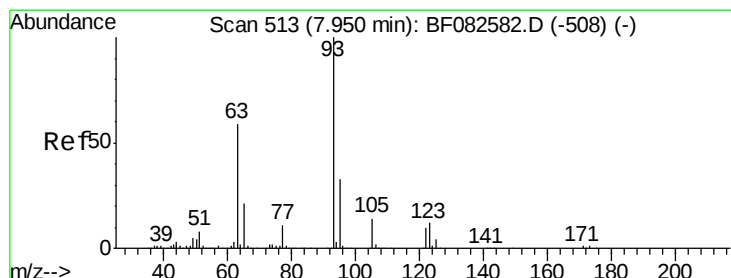
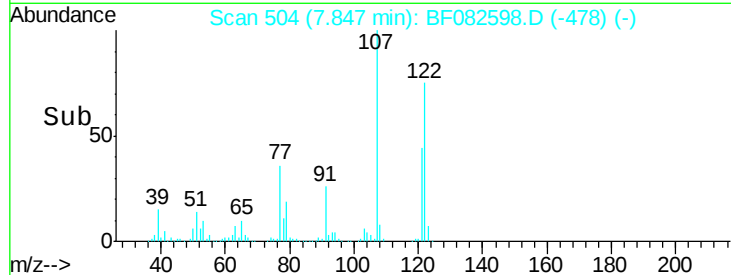
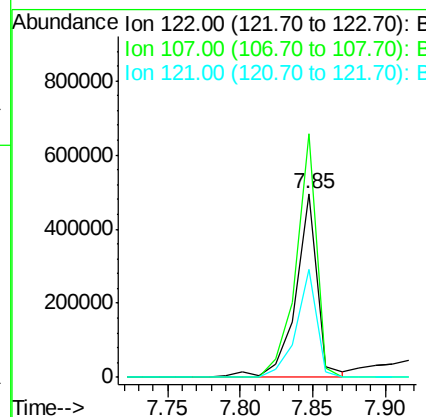
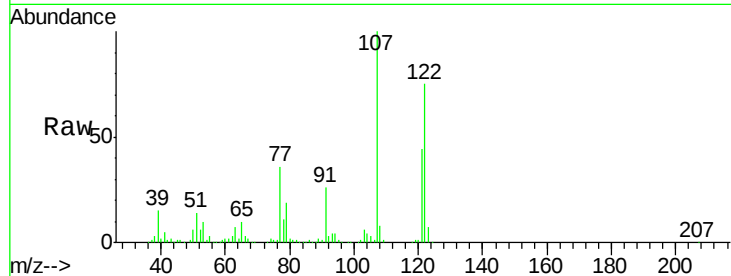




#27
 2,4-Dimethylphenol
 Concen: 40.25 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

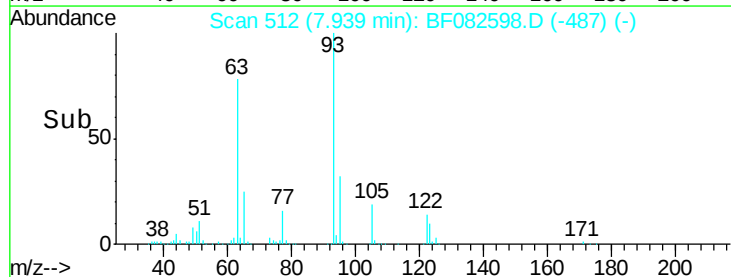
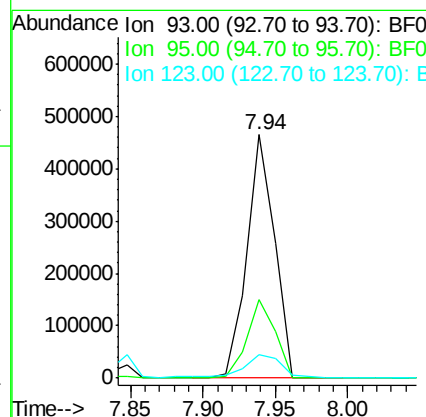
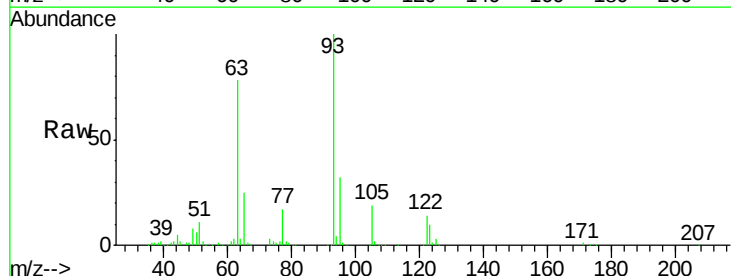
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

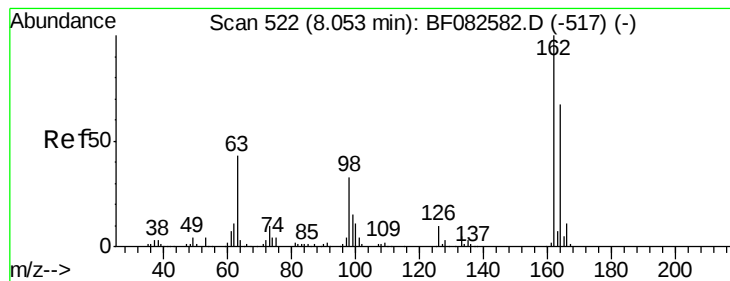
Tgt Ion:122 Resp: 511867
 Ion Ratio Lower Upper
 122 100
 107 132.7 106.0 159.0
 121 58.5 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.39 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion: 93 Resp: 610569
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.6 40.0
 123 9.8 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 38.06 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

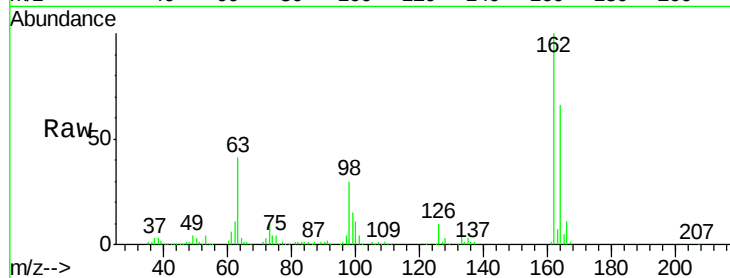
Tgt Ion:162 Resp: 441190

Ion Ratio Lower Upper

162 100

164 65.8 46.8 86.8

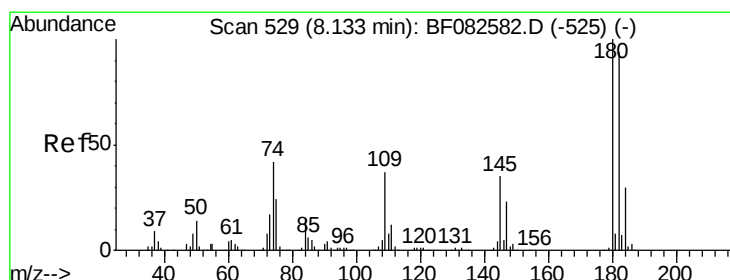
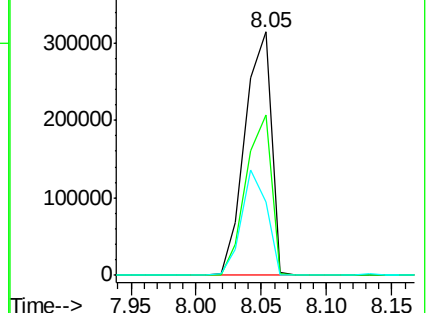
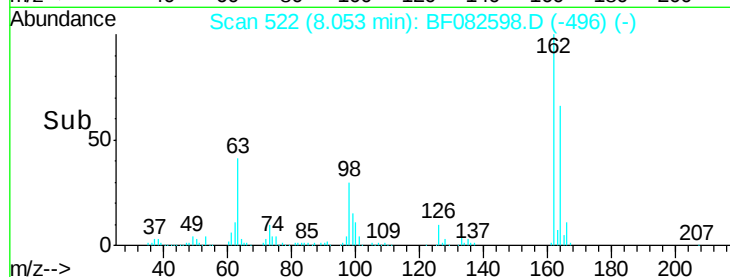
98 30.2 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 35.01 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

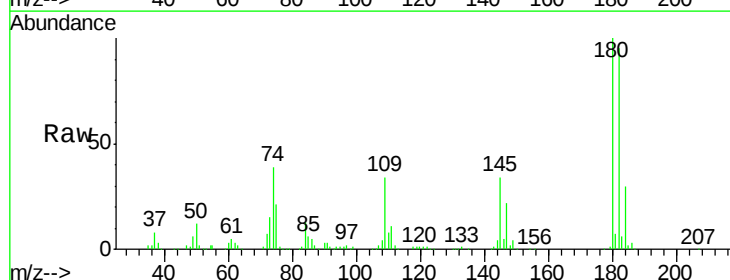
Tgt Ion:180 Resp: 450343

Ion Ratio Lower Upper

180 100

182 94.6 74.9 112.3

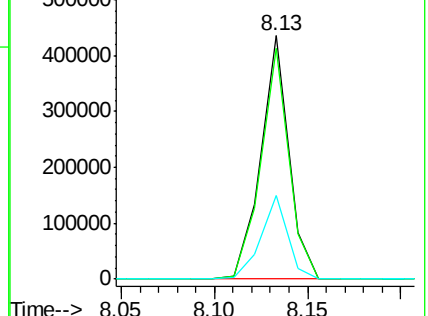
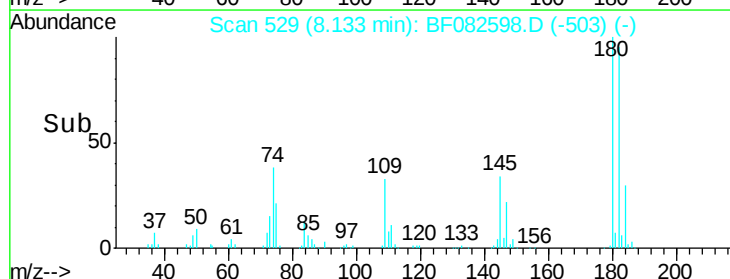
145 34.2 27.8 41.8

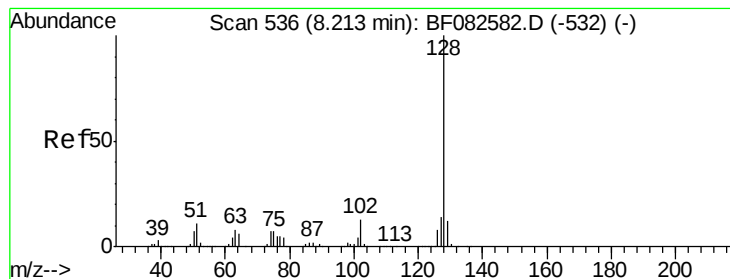


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.17 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

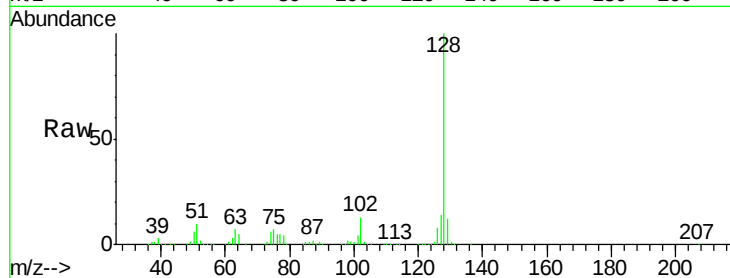
Tgt Ion:128 Resp: 1371287

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

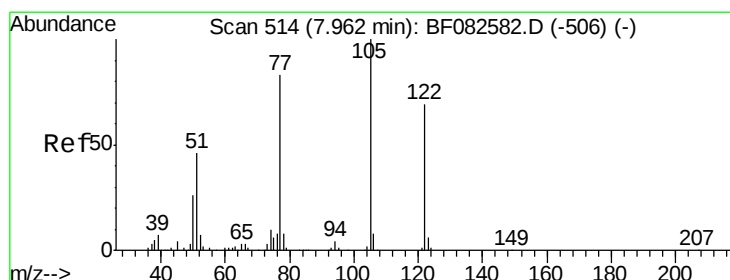
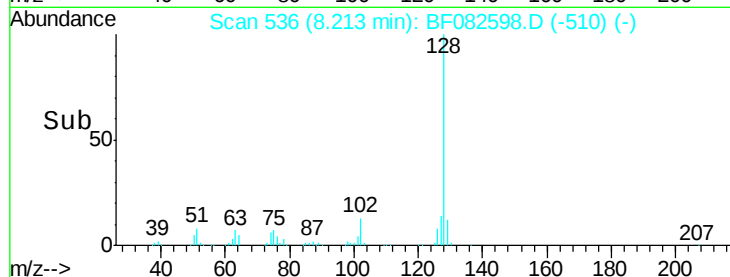
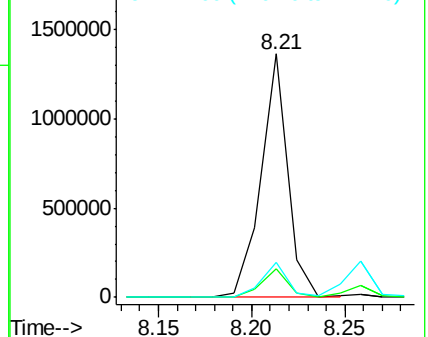
127 14.4 11.4 17.0



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: 35.61 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

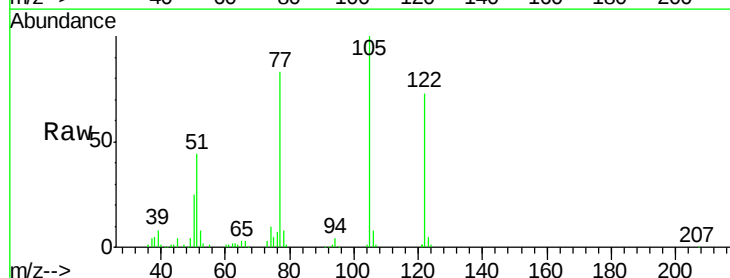
Tgt Ion:122 Resp: 328562

Ion Ratio Lower Upper

122 100

105 137.8 122.6 162.6

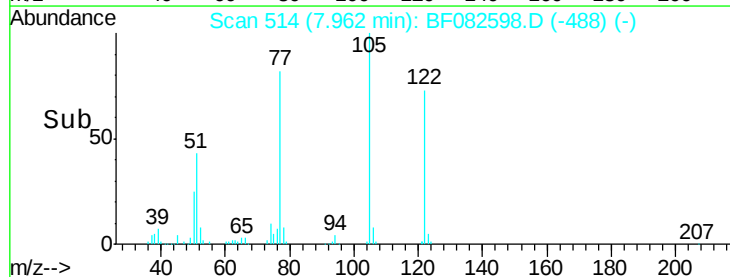
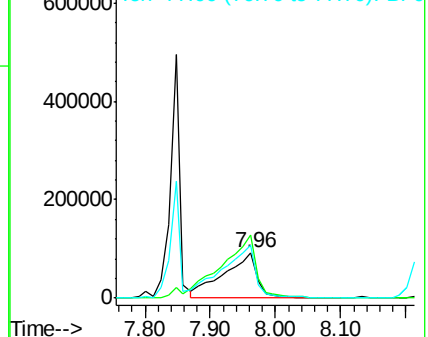
77 114.8 100.9 140.9

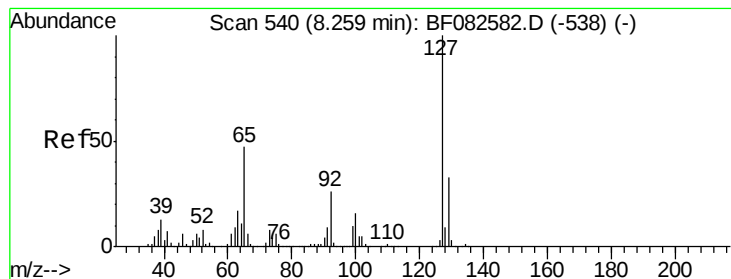


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 12.83 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

Tgt Ion:127 Resp: 213579

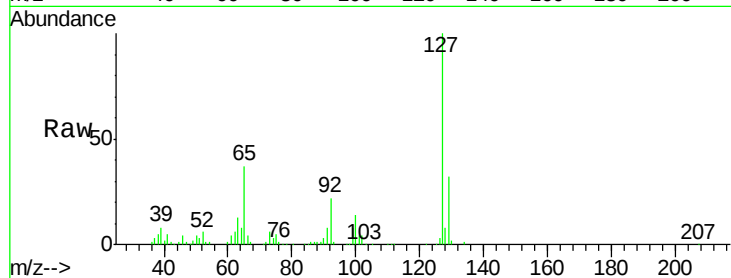
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 37.3 37.8 56.8#

92 22.2 20.6 31.0

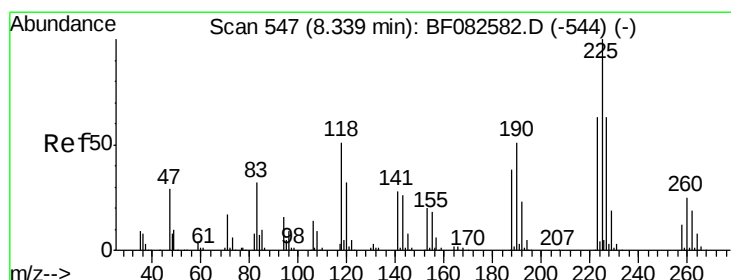
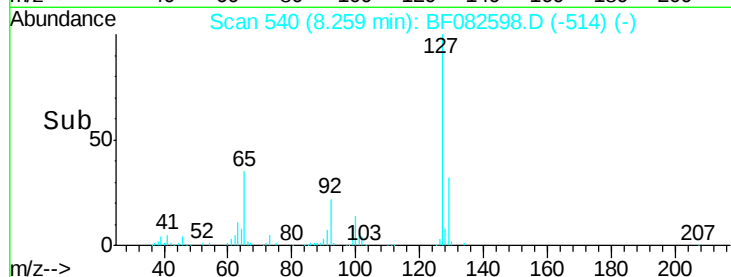
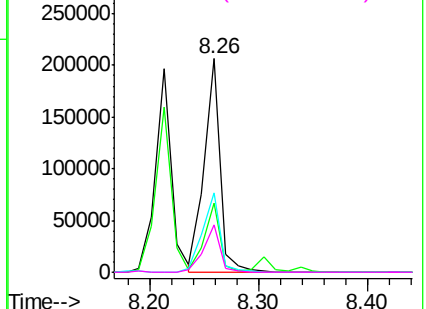


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.47 ng

RT: 8.34 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

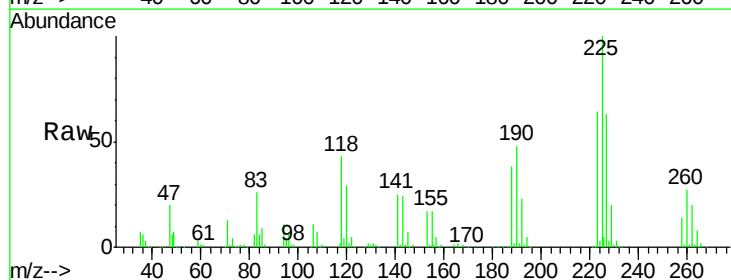
Tgt Ion:225 Resp: 298365

Ion Ratio Lower Upper

225 100

223 64.2 50.5 75.7

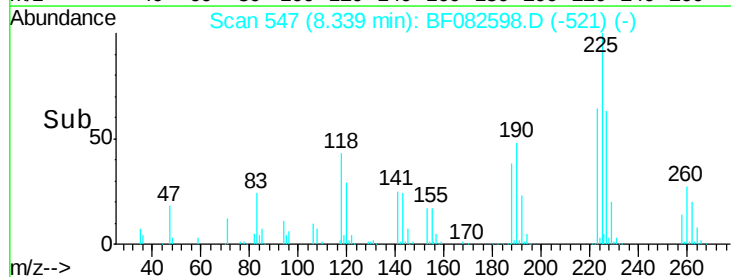
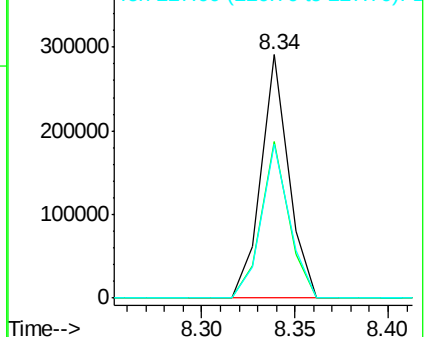
227 63.3 50.2 75.2

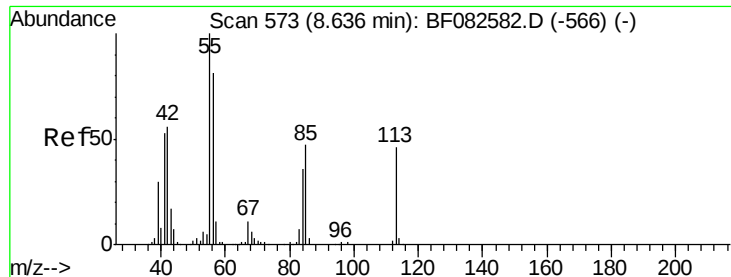


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

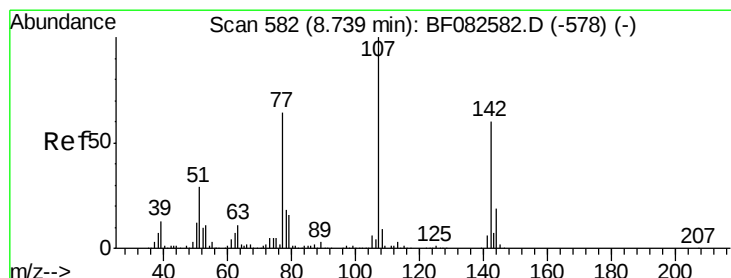
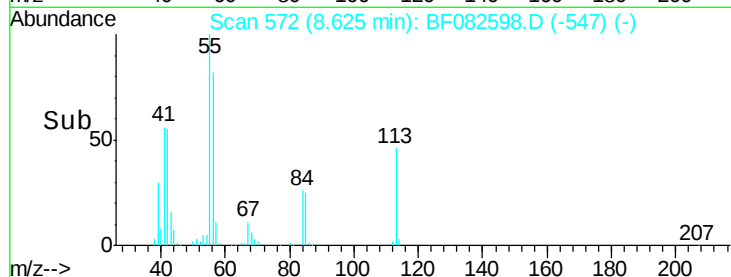
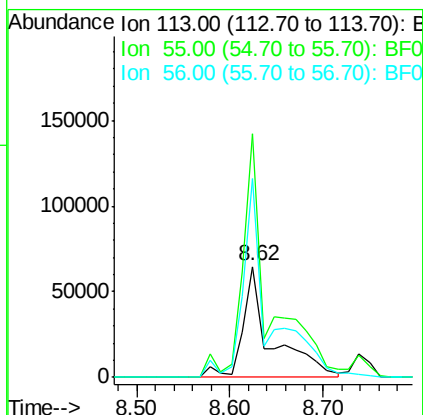
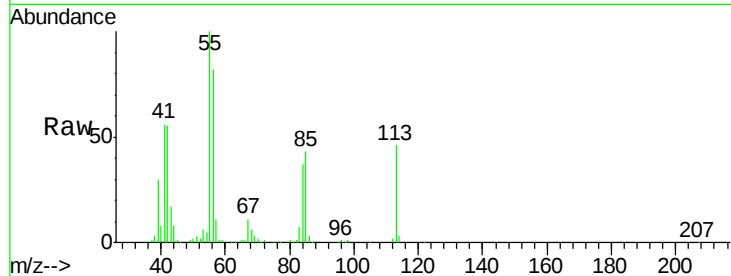




#35
 Caprolactam
 Concen: 38.39 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

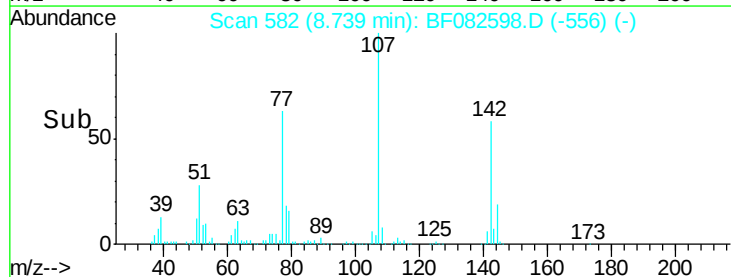
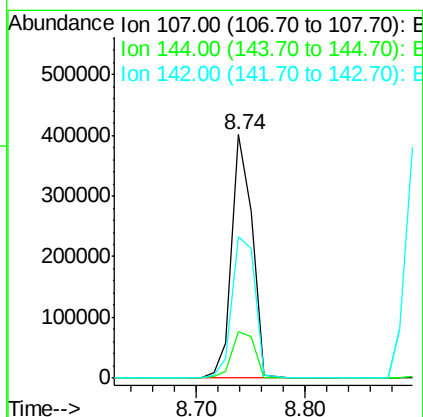
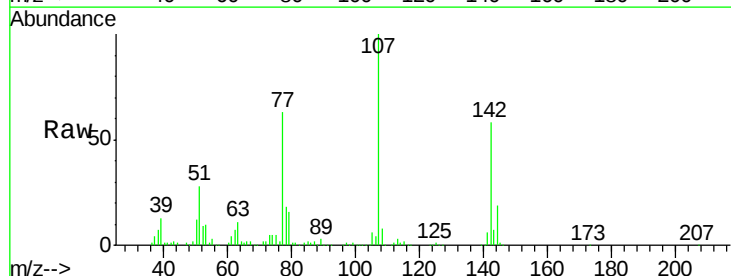
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion:113 Resp: 136532
 Ion Ratio Lower Upper
 113 100
 55 219.3 195.5 235.5
 56 179.2 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 37.96 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion:107 Resp: 518225
 Ion Ratio Lower Upper
 107 100
 144 19.4 15.4 23.0
 142 58.1 47.8 71.8





#37

2-Methylnaphthalene

Concen: 41.05 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

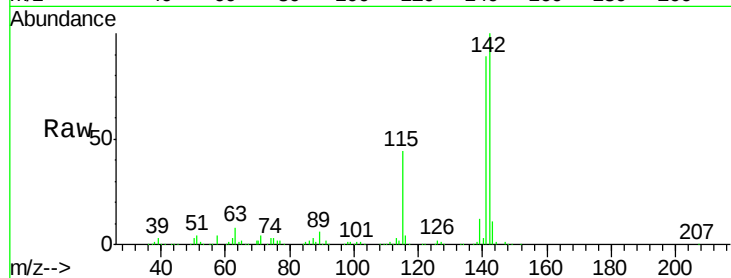
Tgt Ion:142 Resp: 1037077

Ion Ratio Lower Upper

142 100

141 89.1 72.3 108.5

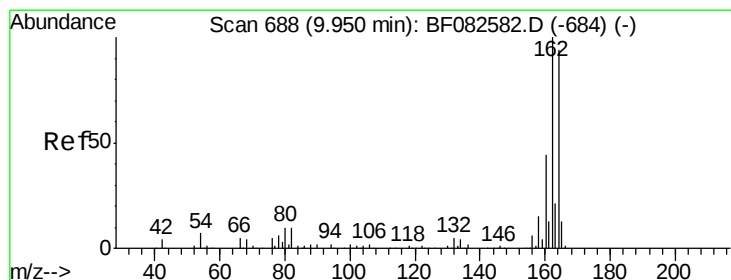
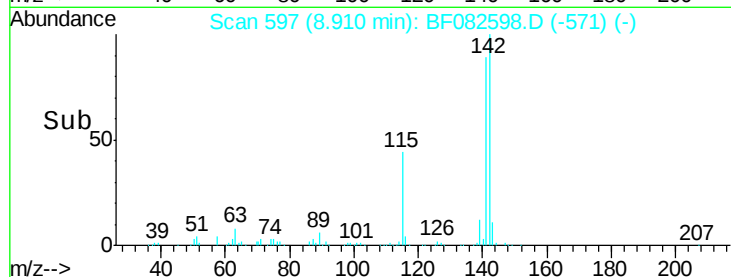
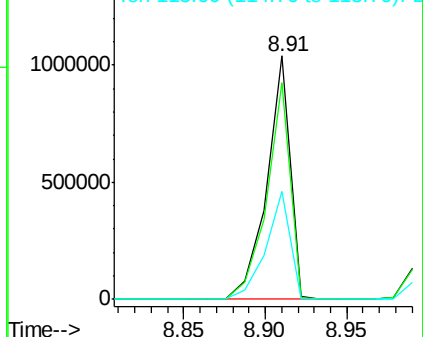
115 44.3 38.1 57.1



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: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

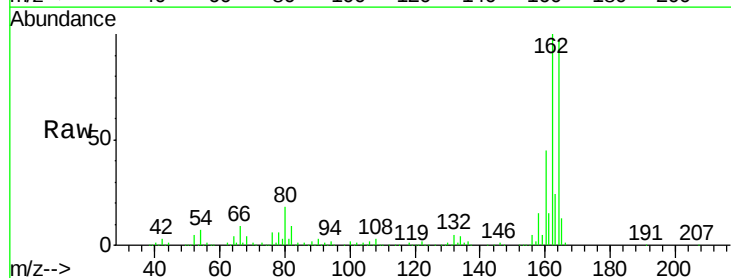
Tgt Ion:164 Resp: 383221

Ion Ratio Lower Upper

164 100

162 102.9 84.9 127.3

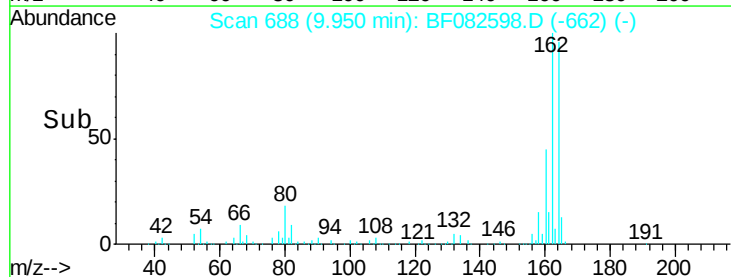
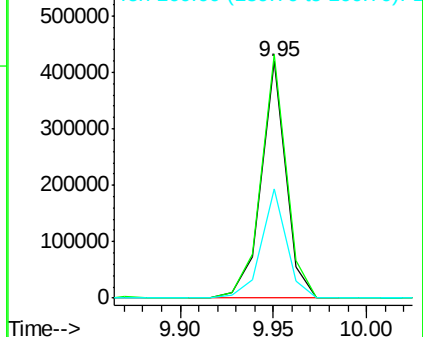
160 46.0 37.5 56.3

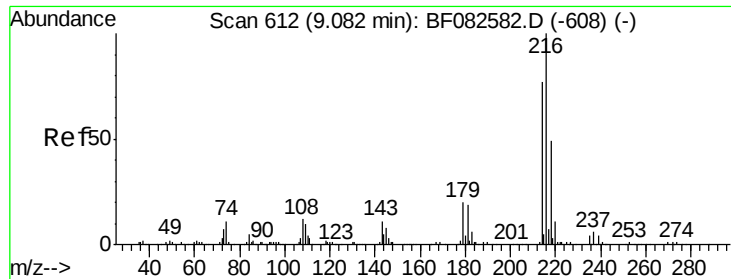


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

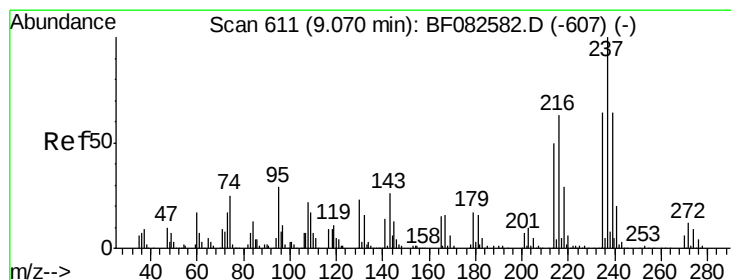
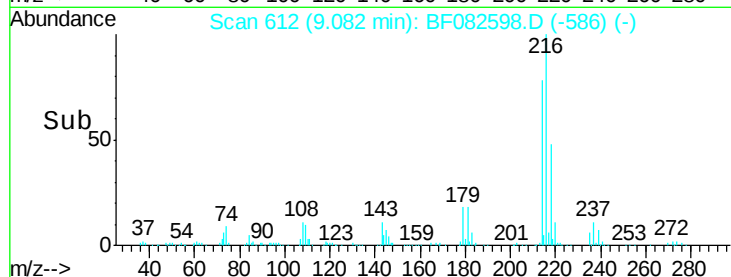
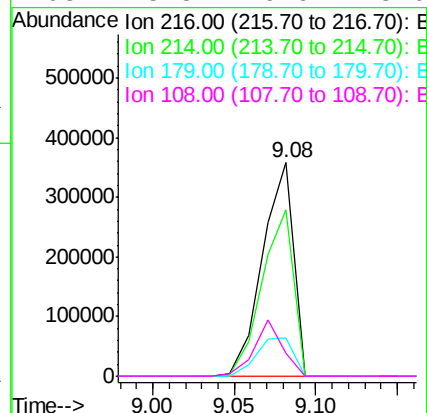
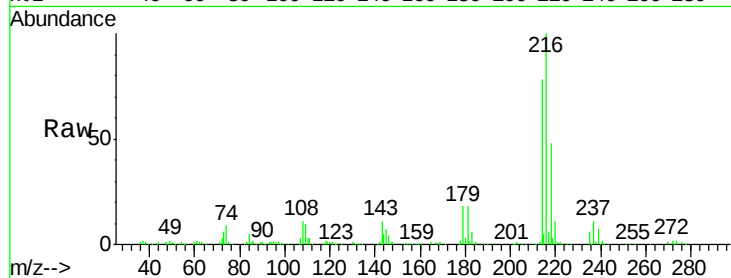




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.95 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

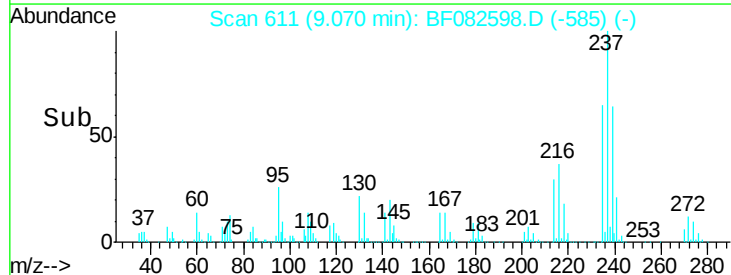
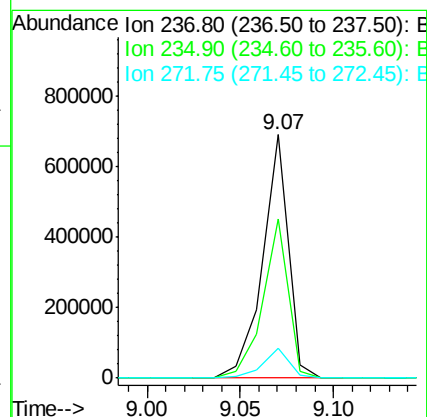
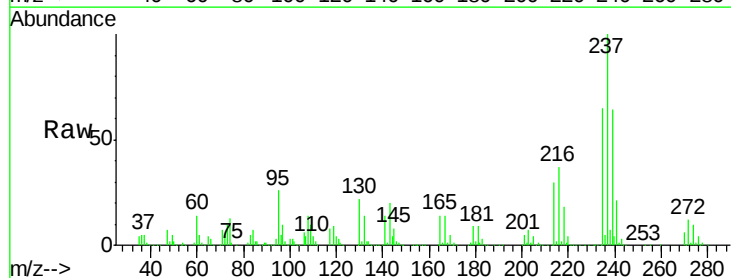
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

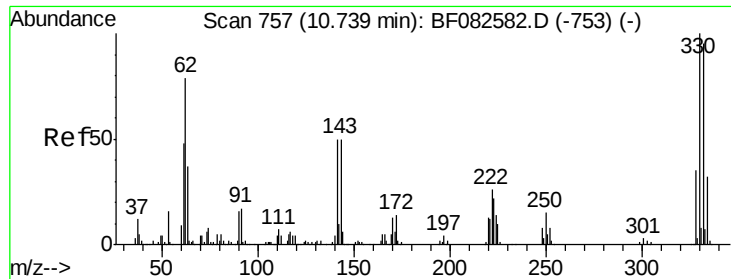
Tgt Ion:	216	Resp:	472473
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.2	93.2
179	21.4	18.1	27.1
108	23.8	16.6	25.0



#40
 Hexachlorocyclopentadiene
 Concen: 81.69 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion:	237	Resp:	656694
Ion	Ratio	Lower	Upper
237	100		
235	65.1	44.3	84.3
272	12.1	0.0	31.9

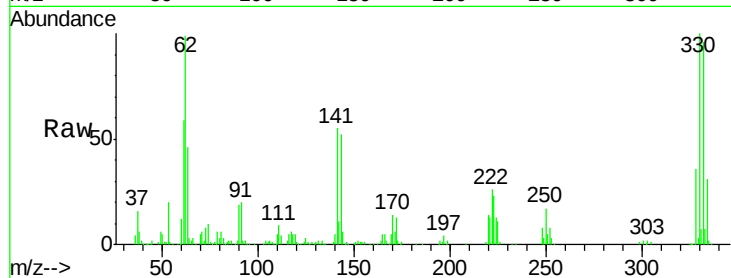




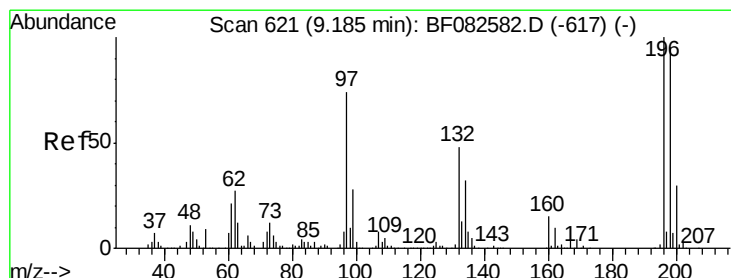
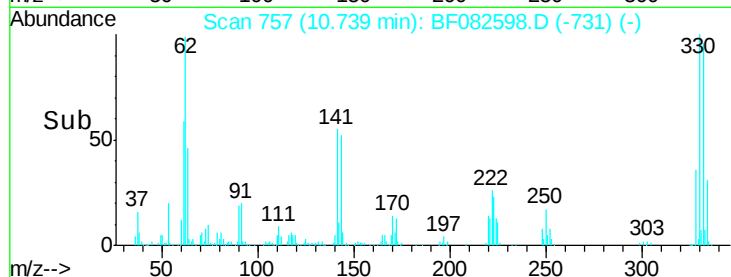
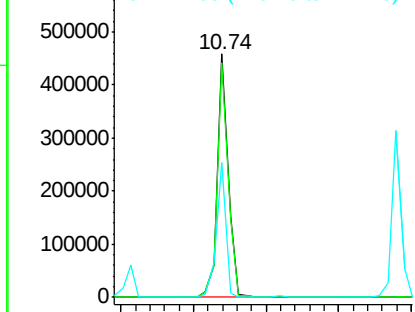
#41
 2,4,6-Tribromophenol
 Concen: 114.36 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion:330 Resp: 479623
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 48.3 41.2 61.8

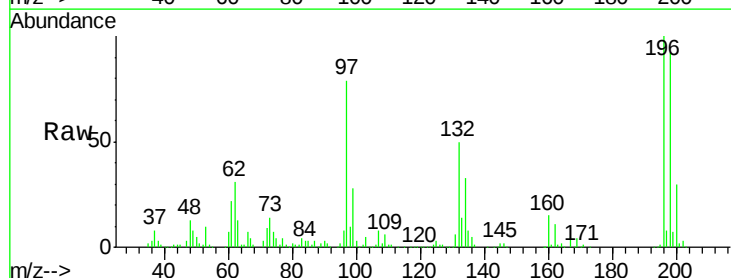


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

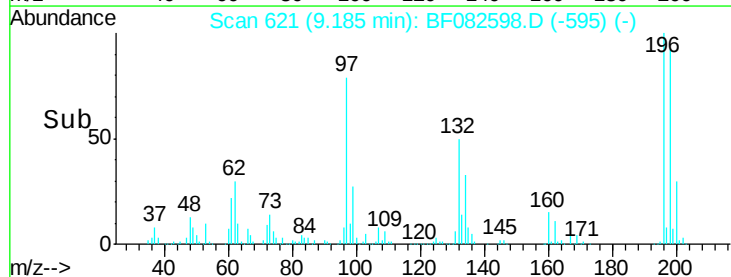
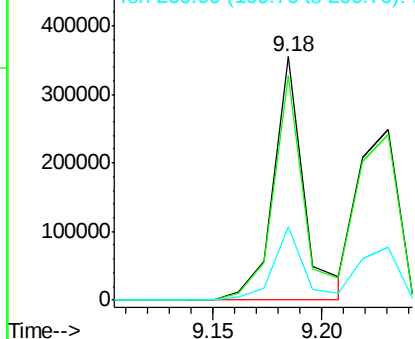


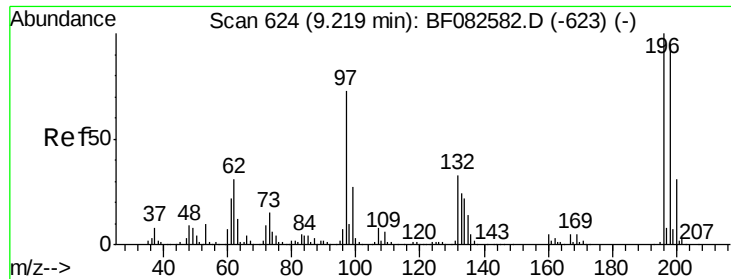
#42
 2,4,6-Trichlorophenol
 Concen: 37.75 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion:196 Resp: 348561
 Ion Ratio Lower Upper
 196 100
 198 92.3 76.3 114.5
 200 30.2 23.9 35.9



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

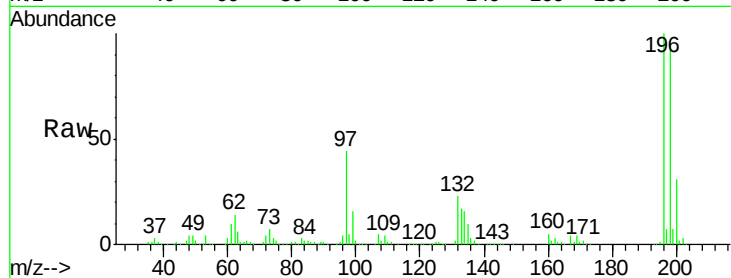




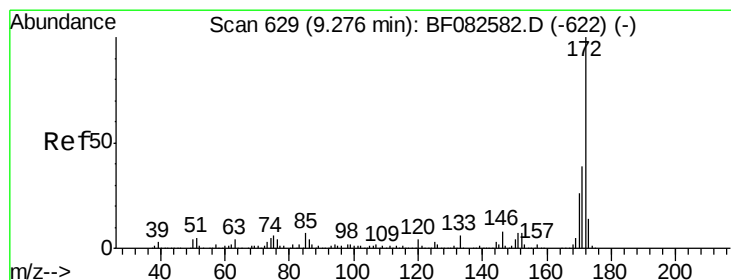
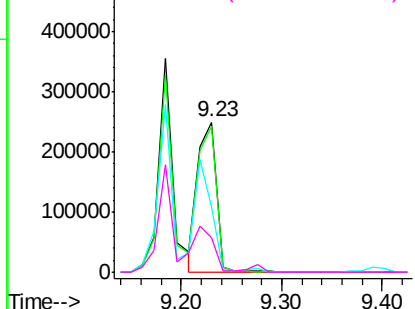
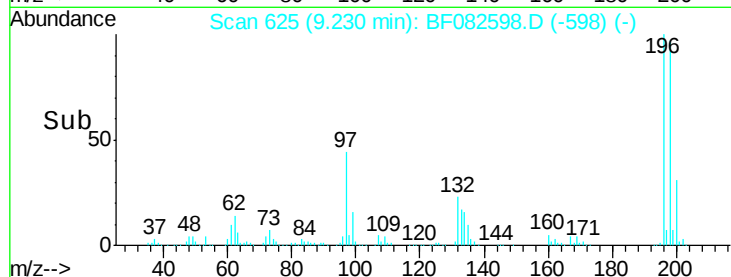
#43
 2,4,5-Trichlorophenol
 Concen: 35.41 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion:196 Resp: 325782
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.8 113.8
 97 43.6 62.3 93.5#
 132 23.2 27.4 41.2#

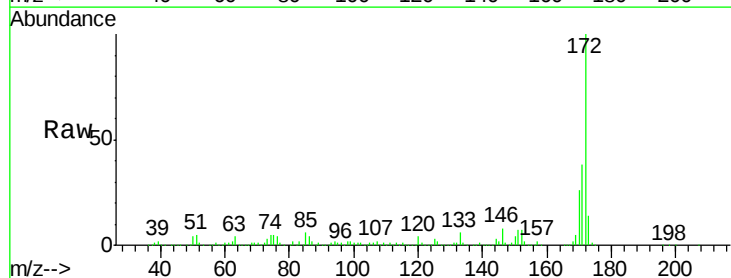


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

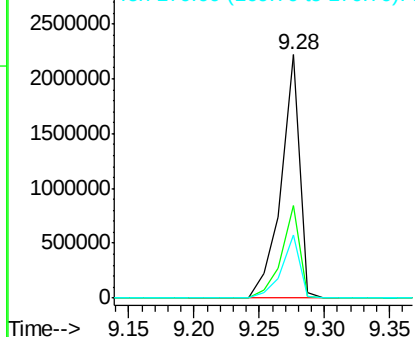
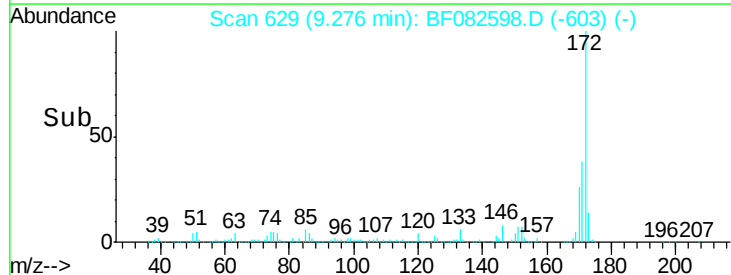


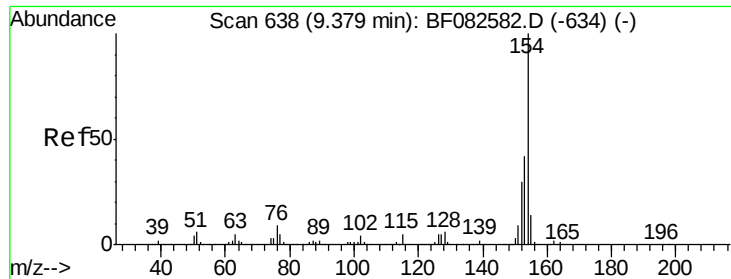
#44
 2-Fluorobiphenyl
 Concen: 82.34 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion:172 Resp: 2222369
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 26.0 21.2 31.8



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

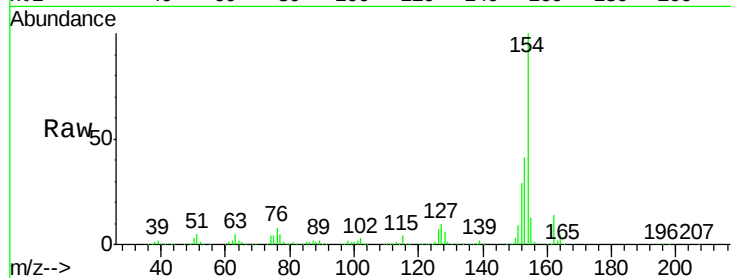




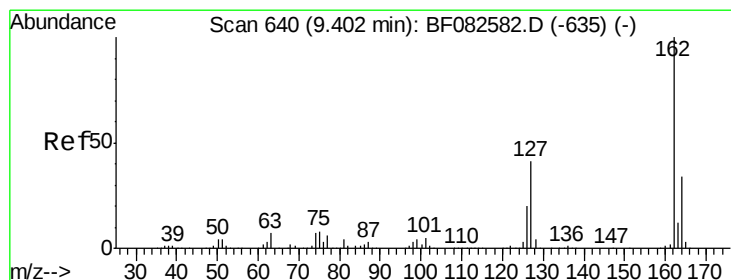
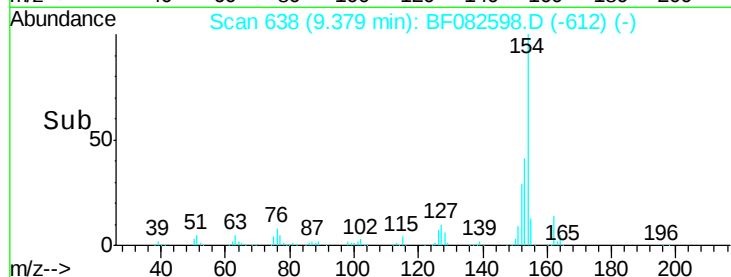
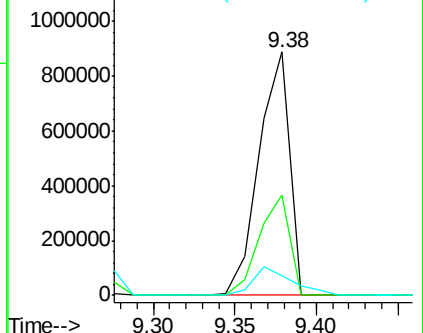
#45
 1,1'-Biphenyl
 Concen: 35.67 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion:154 Resp: 1154671
 Ion Ratio Lower Upper
 154 100
 153 41.0 22.0 62.0
 76 8.1 0.0 29.0

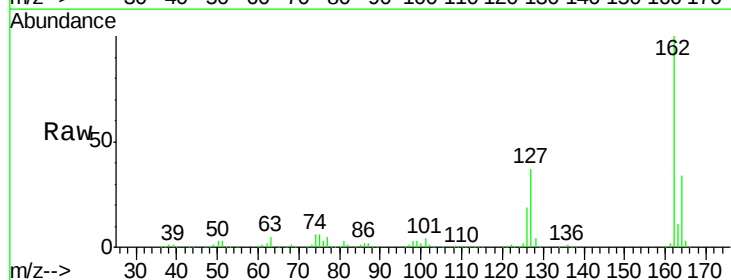


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

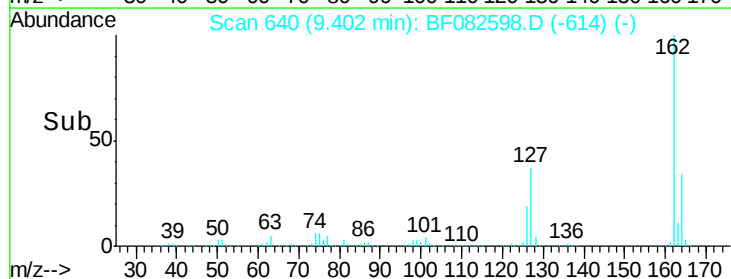
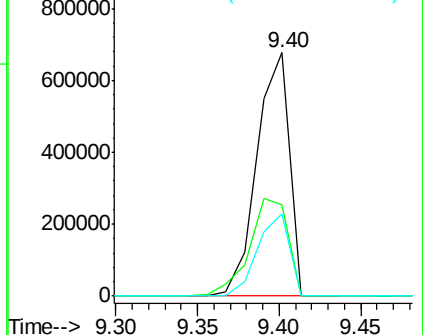


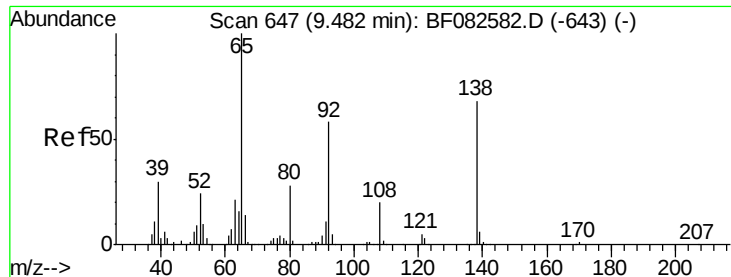
#46
 2-Chloronaphthalene
 Concen: 36.98 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion:162 Resp: 934606
 Ion Ratio Lower Upper
 162 100
 127 37.2 32.7 49.1
 164 33.8 27.4 41.0



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

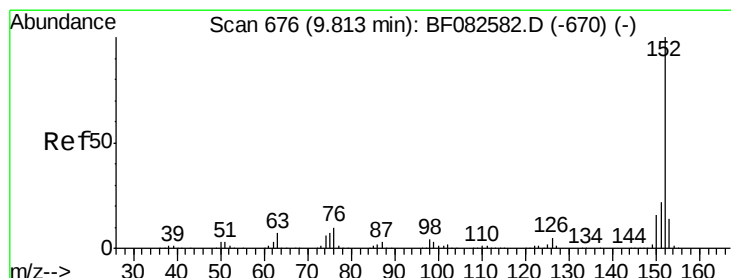
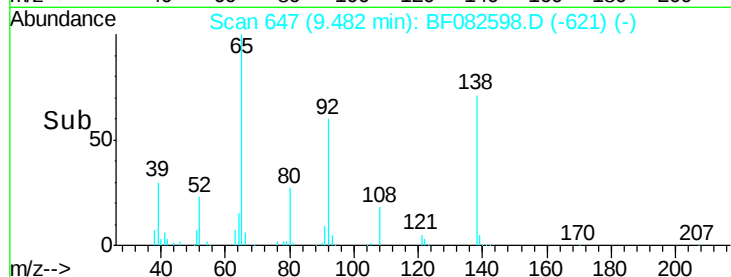
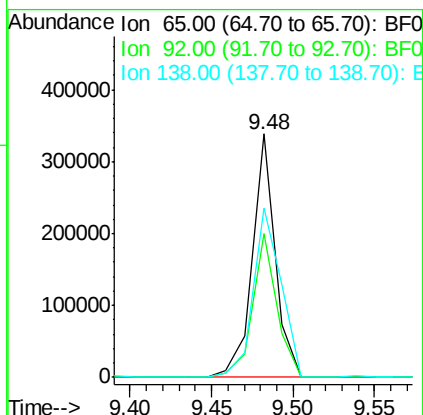
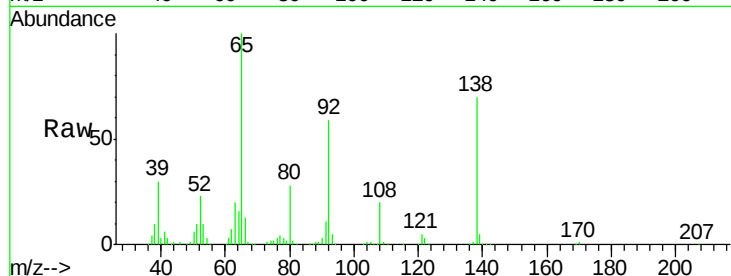




#47
2-Nitroaniline
Concen: 33.46 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

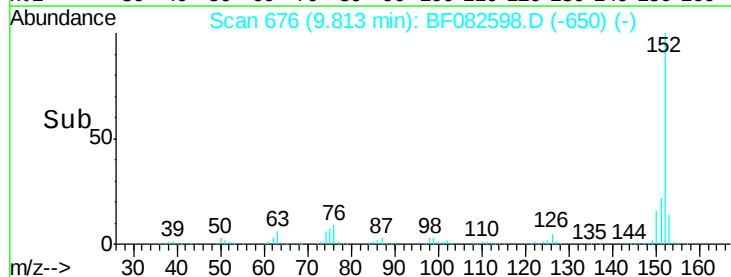
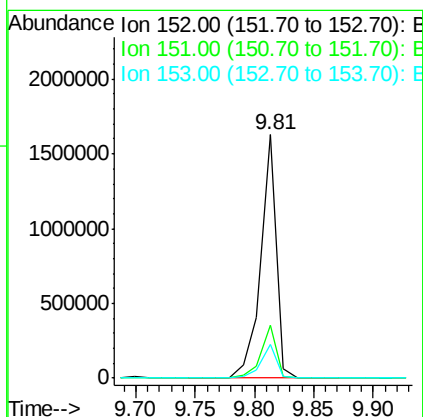
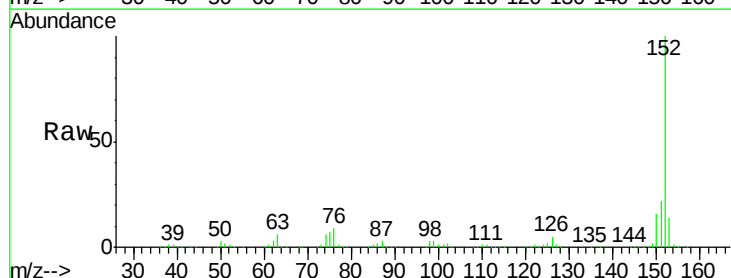
Instrument :
BNA_F
ClientSampleId :
PB86301BS

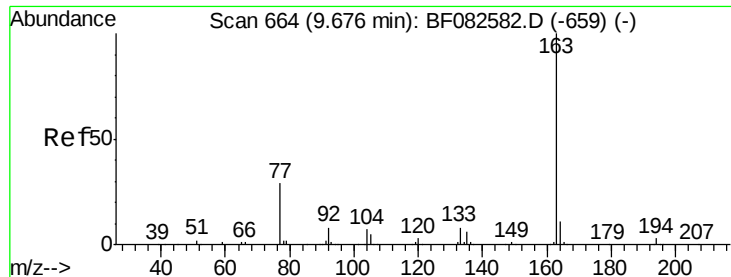
Tgt Ion: 65 Resp: 328749
Ion Ratio Lower Upper
65 100
92 59.2 46.6 70.0
138 69.8 54.6 81.8



#48
Acenaphthylene
Concen: 37.15 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion: 152 Resp: 1501836
Ion Ratio Lower Upper
152 100
151 21.8 17.3 25.9
153 14.0 11.3 16.9





#49

Dimethylphthalate

Concen: 37.01 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

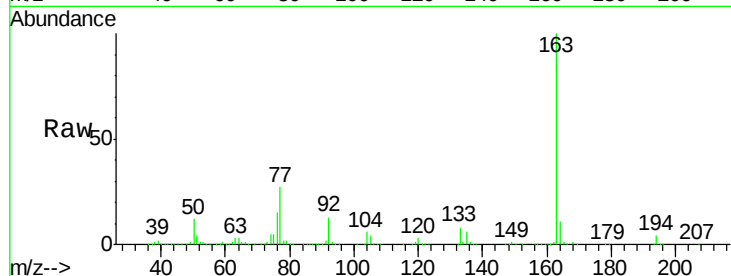
Tgt Ion:163 Resp: 1158463

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

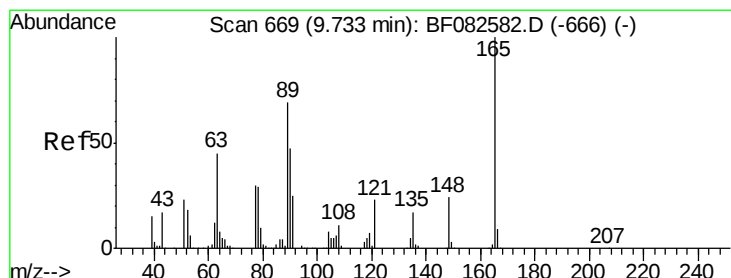
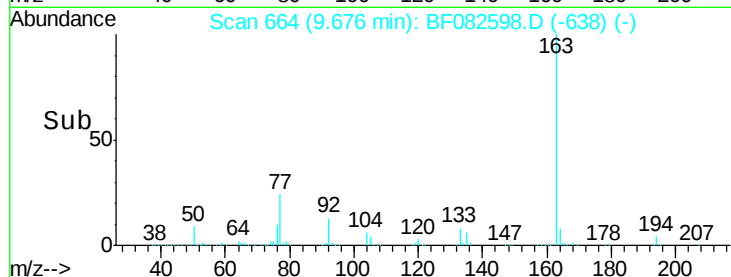
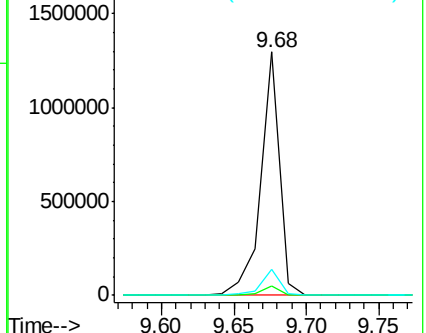
164 10.6 8.7 13.1



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: 41.65 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

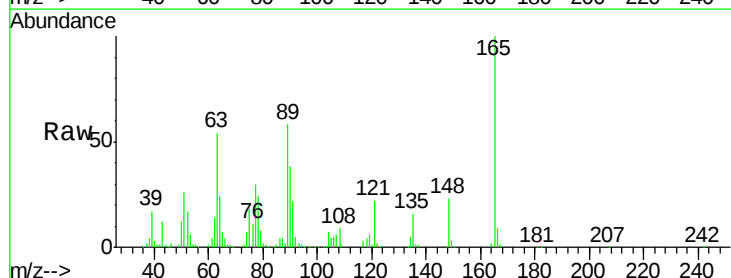
Tgt Ion:165 Resp: 270195

Ion Ratio Lower Upper

165 100

63 54.3 55.5 83.3#

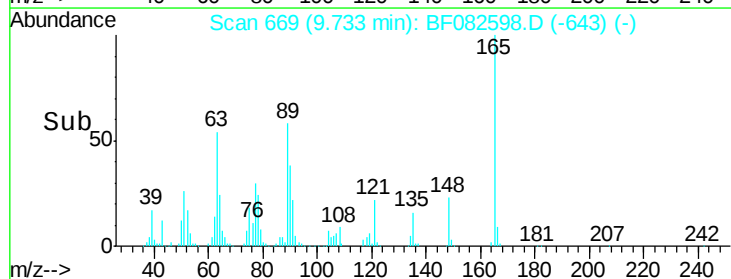
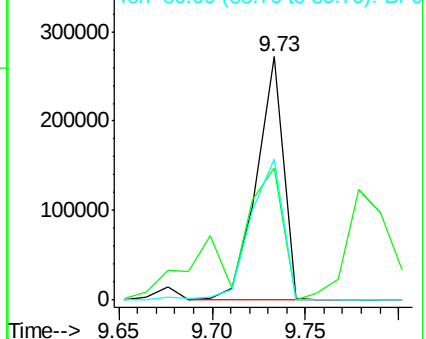
89 58.0 55.0 82.6

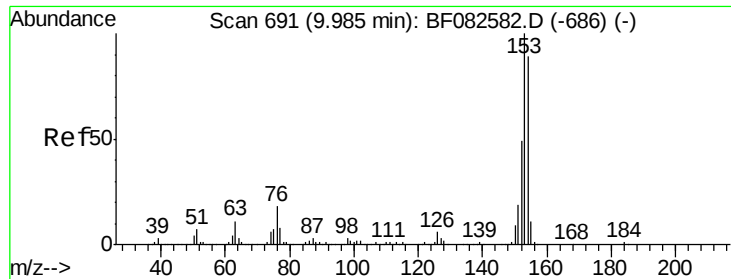


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.23 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

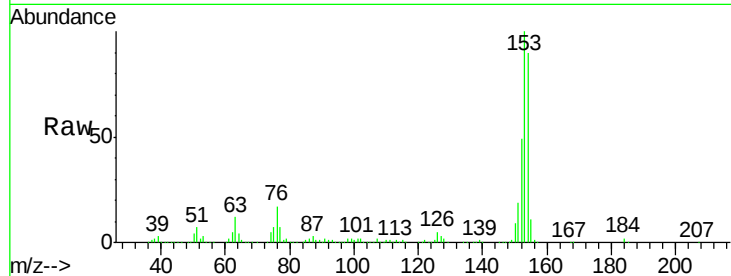
Tgt Ion:154 Resp: 1058272

Ion Ratio Lower Upper

154 100

153 111.1 90.1 135.1

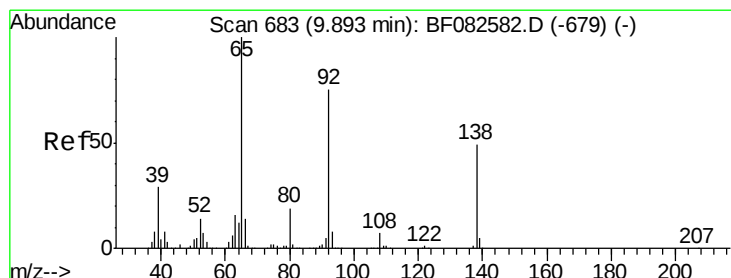
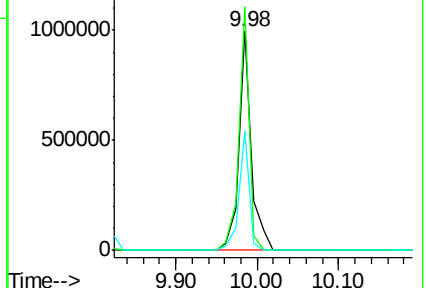
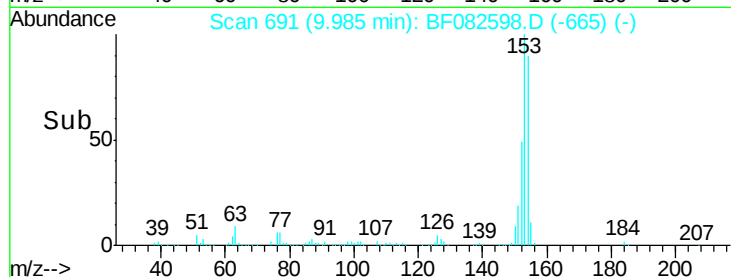
152 54.5 44.3 66.5



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: 18.88 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

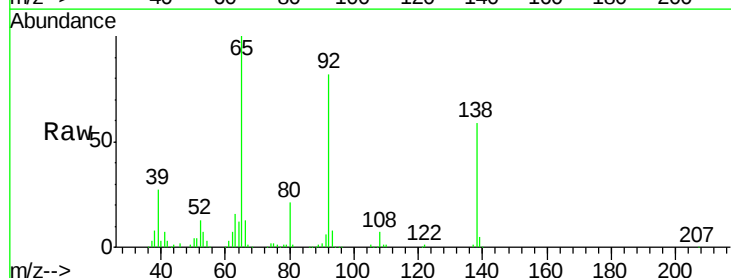
Tgt Ion:138 Resp: 136231

Ion Ratio Lower Upper

138 100

108 11.9 11.3 16.9

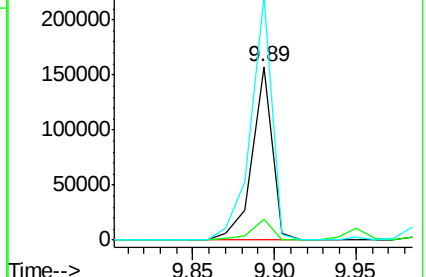
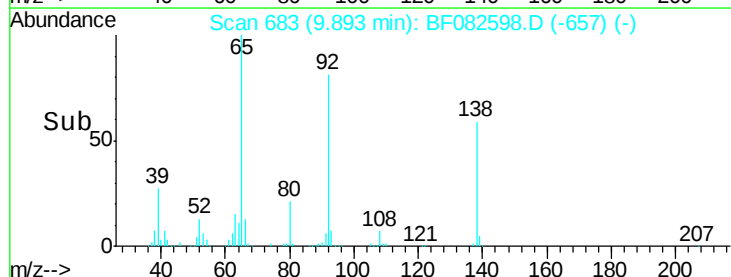
92 140.1 122.4 183.6

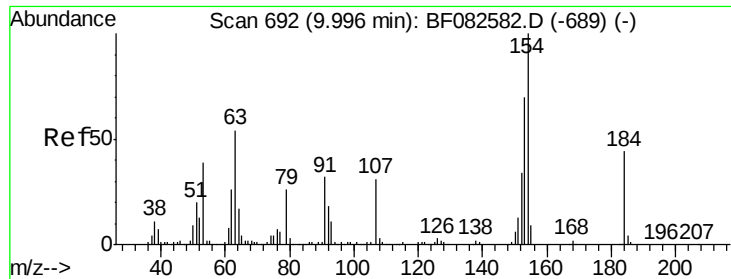


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

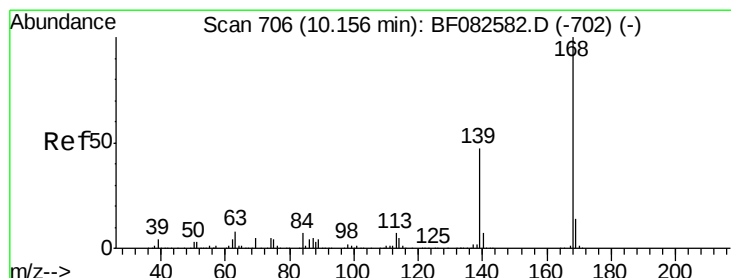
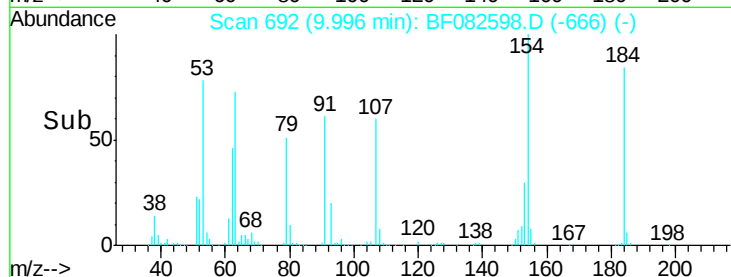
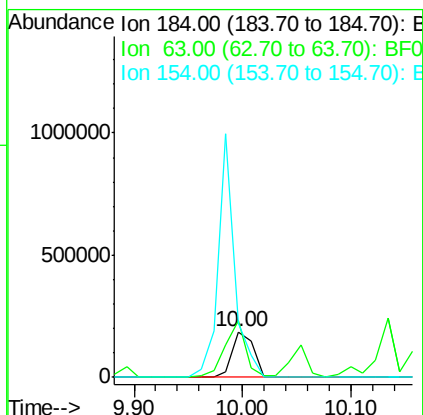
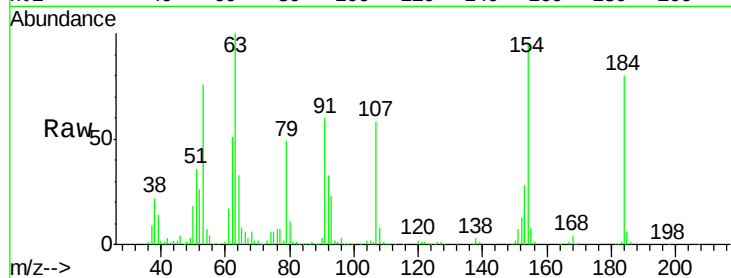




#53
2,4-Dinitrophenol
Concen: 72.97 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

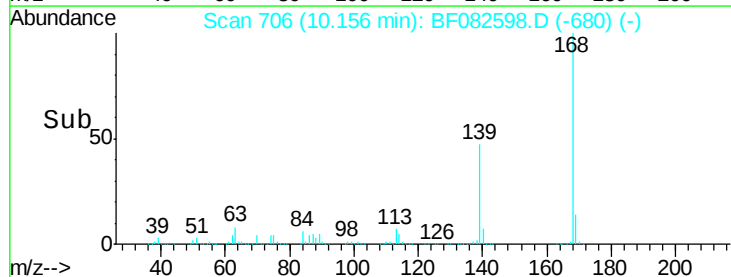
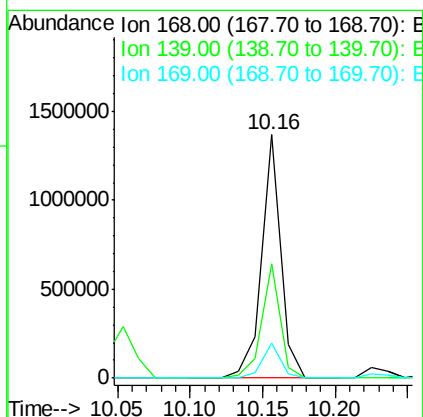
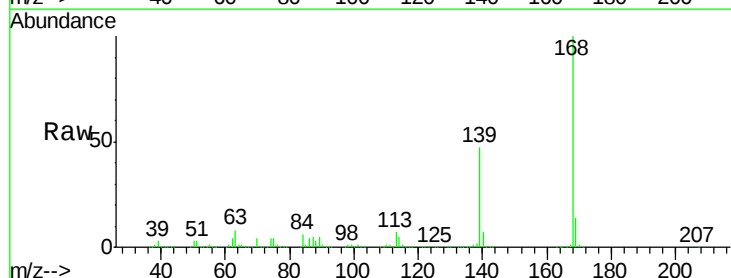
Instrument :
BNA_F
ClientSampleId :
PB86301BS

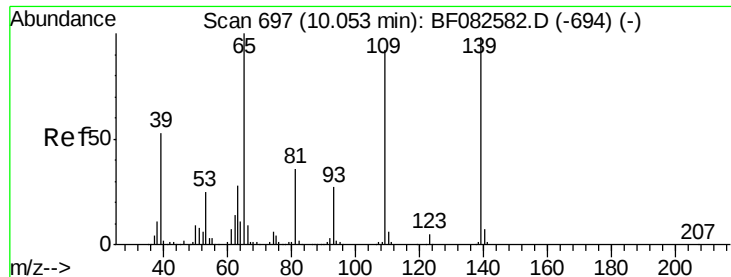
Tgt Ion:184 Resp: 249948
Ion Ratio Lower Upper
184 100
63 125.1 98.6 148.0
154 118.5 183.9 275.9#



#54
Dibenzofuran
Concen: 36.07 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion:168 Resp: 1256154
Ion Ratio Lower Upper
168 100
139 47.0 37.8 56.6
169 14.1 11.3 16.9

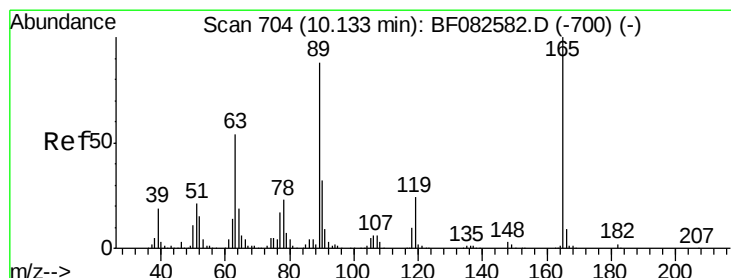
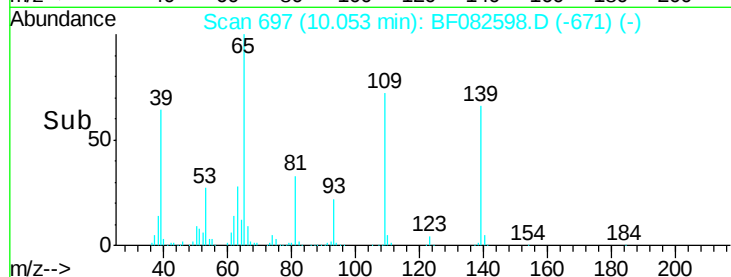
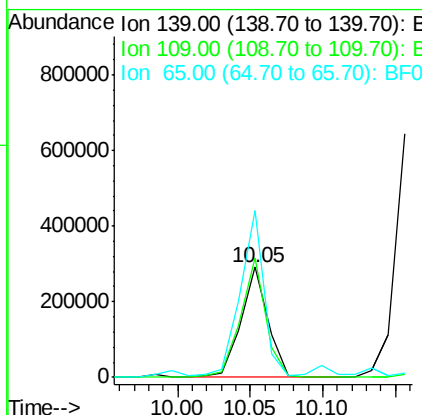
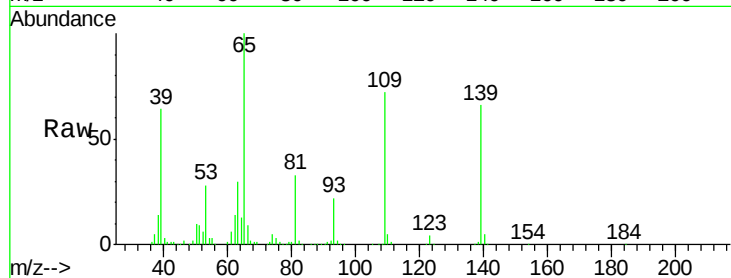




#55
4-Nitrophenol
Concen: 68.86 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

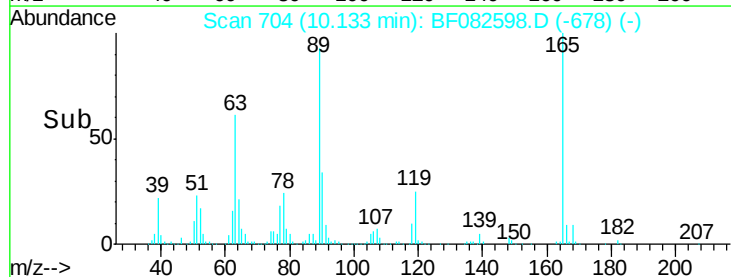
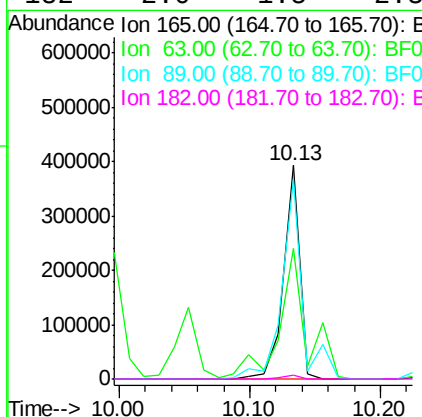
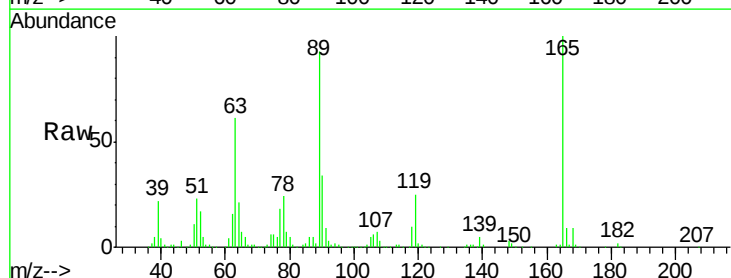
Instrument :
BNA_F
ClientSampleId :
PB86301BS

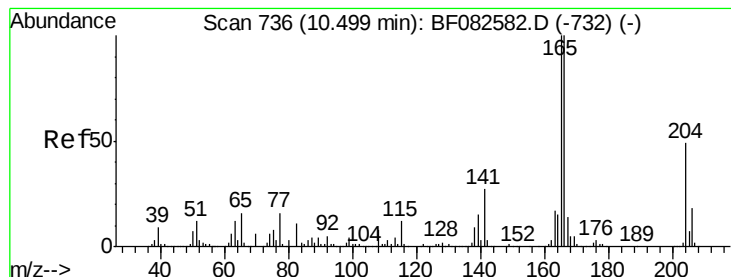
Tgt Ion:139 Resp: 373918
Ion Ratio Lower Upper
139 100
109 108.9 73.7 113.7
65 151.8 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 39.17 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion:165 Resp: 343609
Ion Ratio Lower Upper
165 100
63 61.3 43.4 65.0
89 93.2 70.6 106.0
182 2.0 1.5 2.3





#57

Fluorene

Concen: 36.40 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

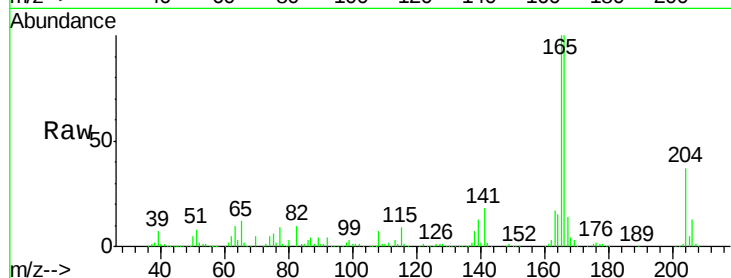
Tgt Ion:166 Resp: 1022430

Ion Ratio Lower Upper

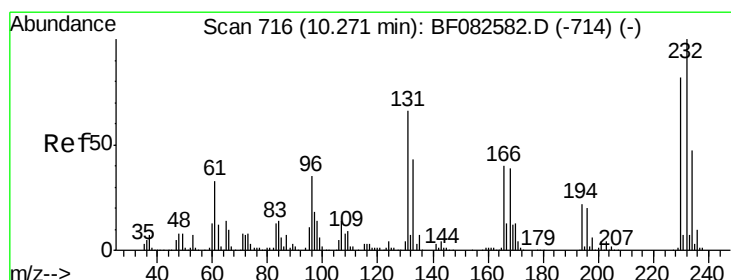
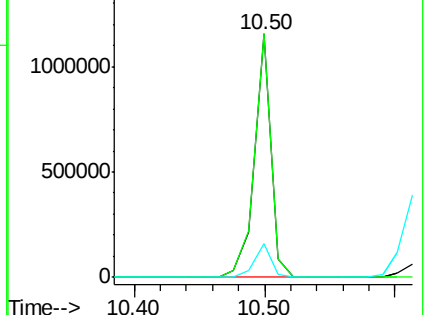
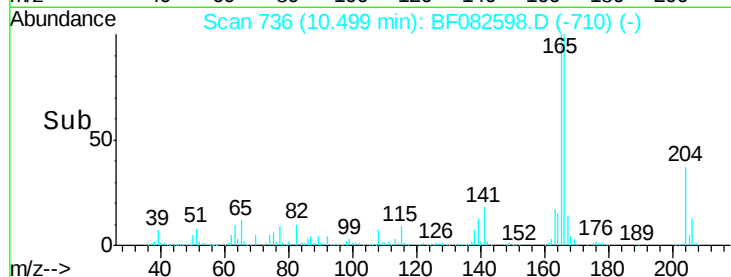
166 100

165 100.0 80.2 120.4

167 13.8 11.2 16.8



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: 36.75 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion:232 Resp: 285775

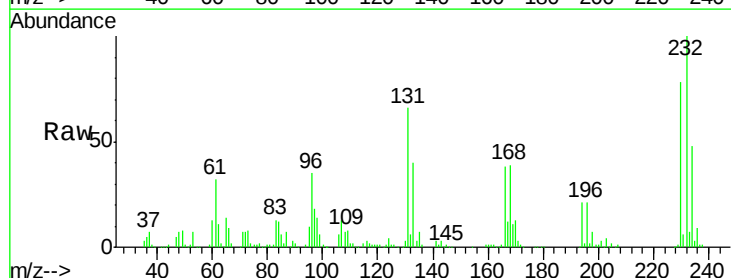
Ion Ratio Lower Upper

232 100

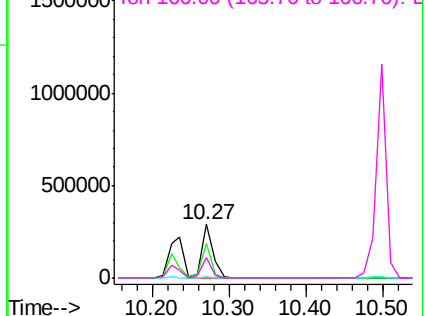
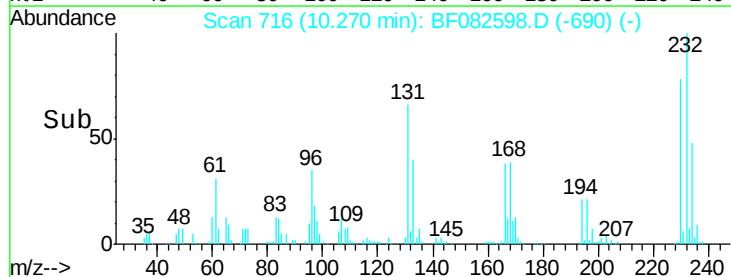
131 56.4 46.2 69.2

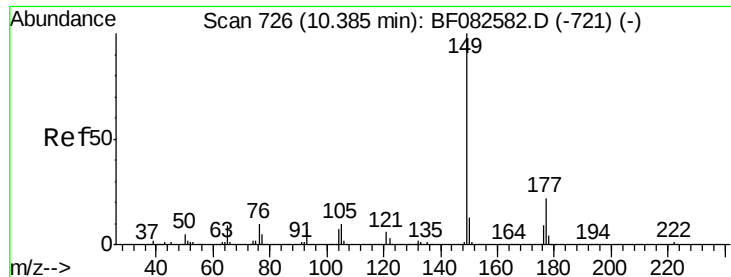
130 2.9 2.4 3.6

166 33.6 28.2 42.2



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

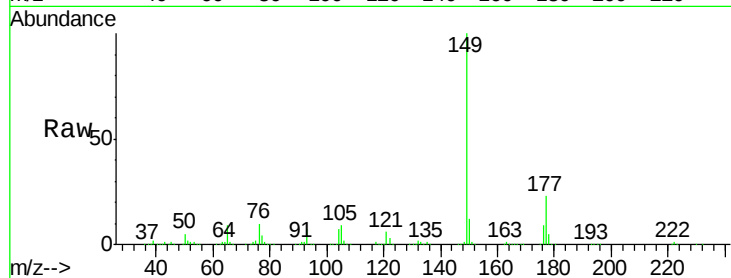




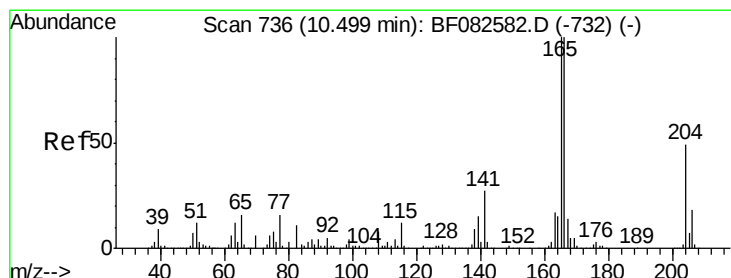
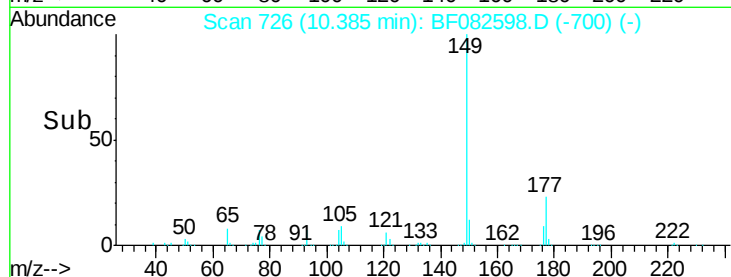
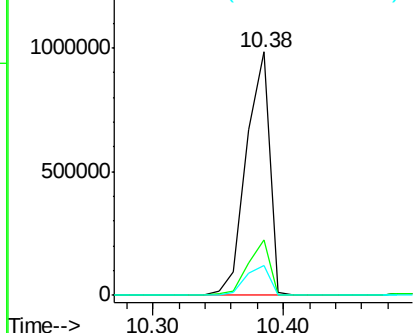
#59
Diethylphthalate
Concen: 38.41 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Tgt Ion:149 Resp: 1223708
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.5 10.1 15.1

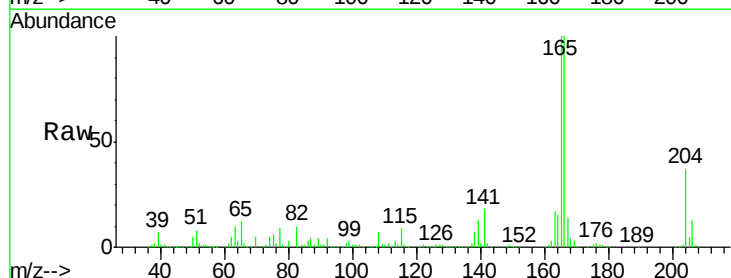


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

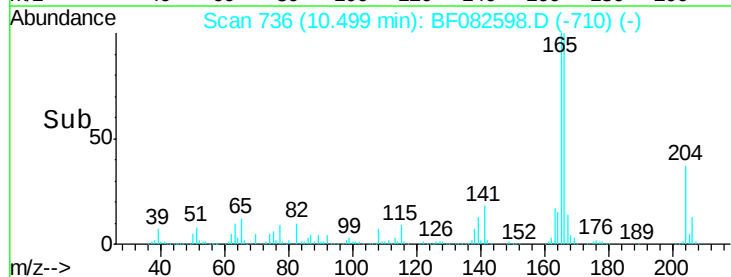
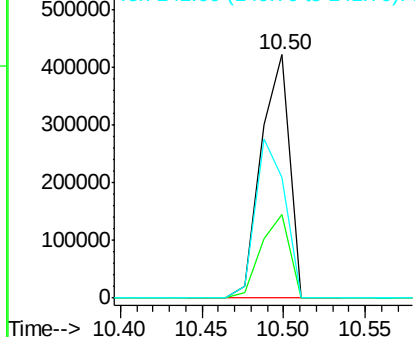


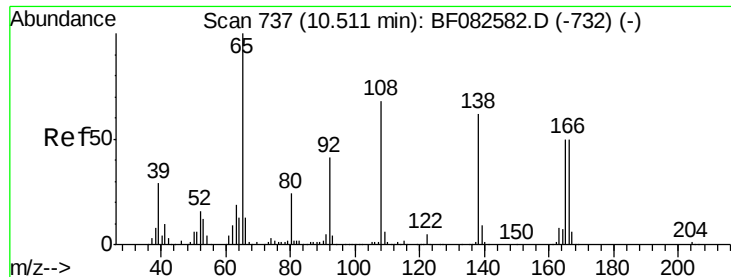
#60
4-Chlorophenyl-phenylether
Concen: 37.40 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion:204 Resp: 510640
Ion Ratio Lower Upper
204 100
206 34.5 28.5 42.7
141 49.5 44.6 66.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

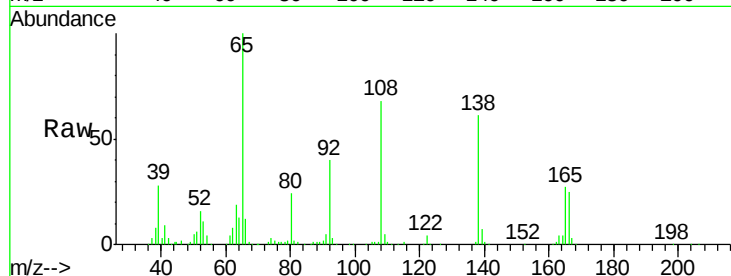




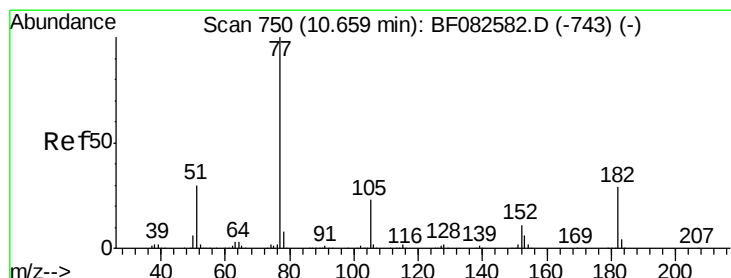
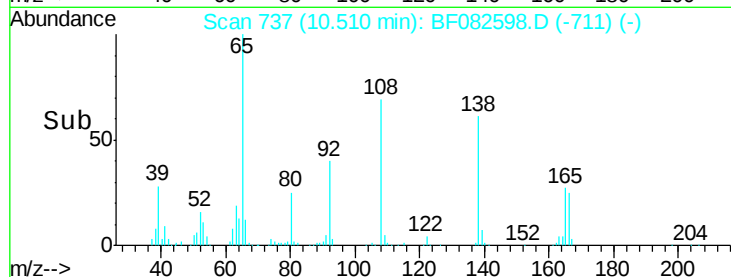
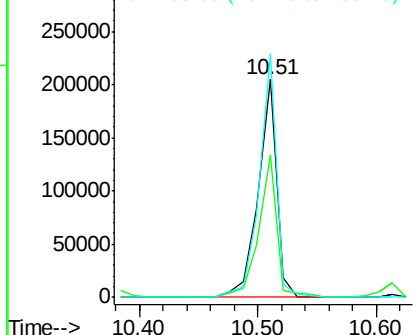
#61
4-Nitroaniline
Concen: 32.57 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Tgt Ion:138 Resp: 224312
Ion Ratio Lower Upper
138 100
92 65.3 45.8 85.8
108 112.0 89.4 129.4

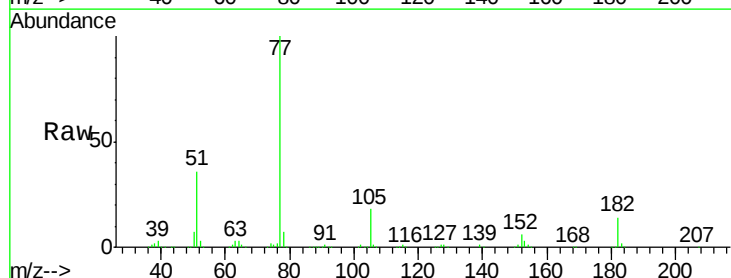


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

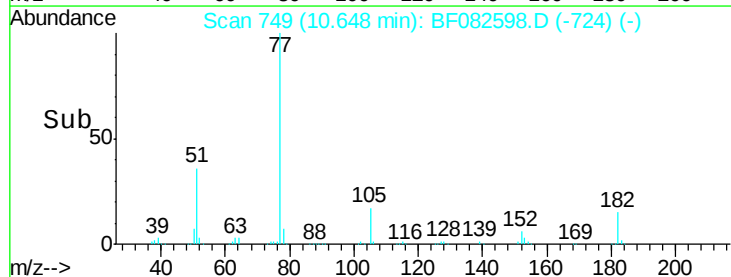
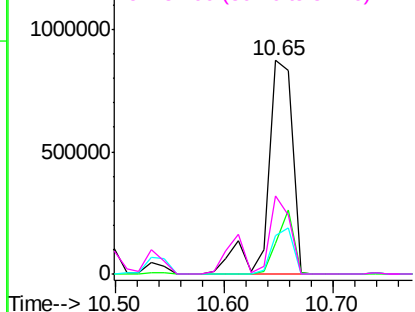


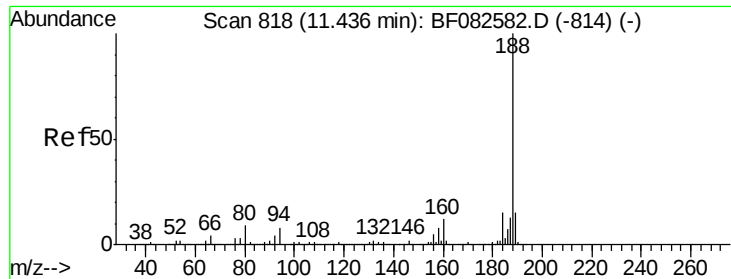
#62
Azobenzene
Concen: 38.72 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion: 77 Resp: 1391208
Ion Ratio Lower Upper
77 100
182 14.4 9.3 49.3
105 18.1 2.6 42.6
51 36.5 9.9 49.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

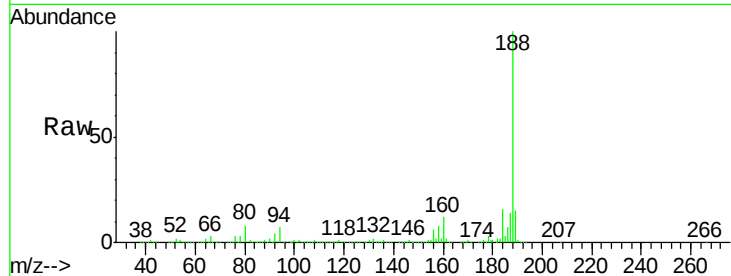
Tgt Ion:188 Resp: 710281

Ion Ratio Lower Upper

188 100

94 7.3 6.1 9.1

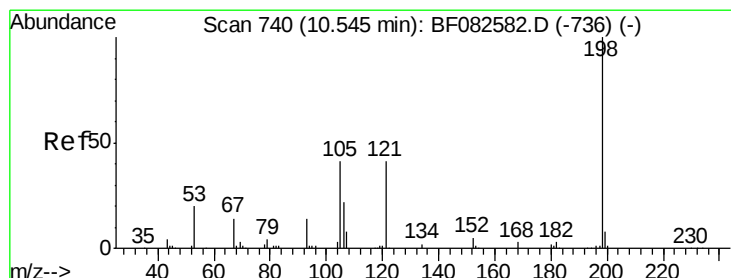
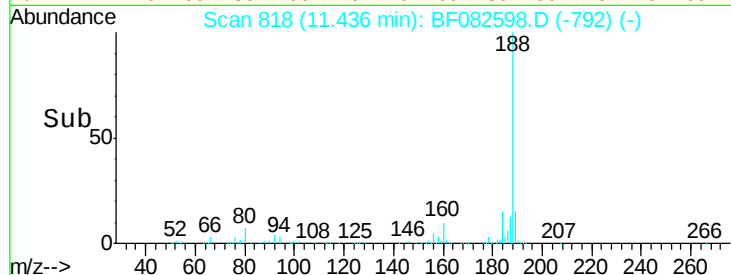
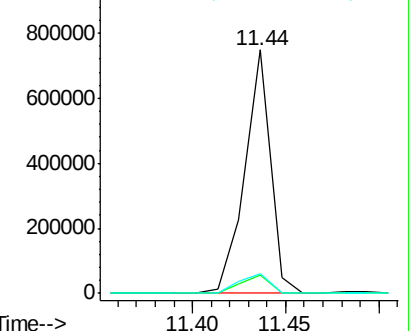
80 8.1 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.59 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

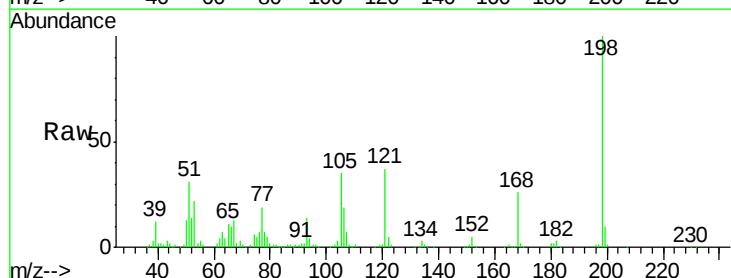
Tgt Ion:198 Resp: 186739

Ion Ratio Lower Upper

198 100

51 30.6 17.3 57.3

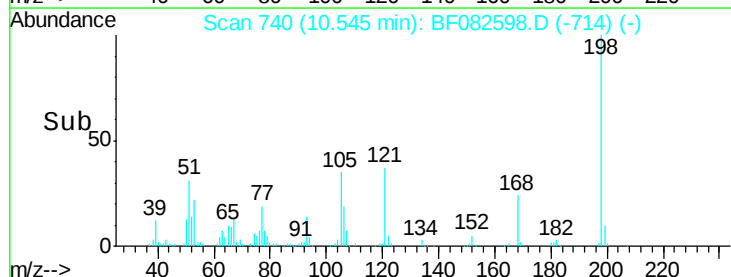
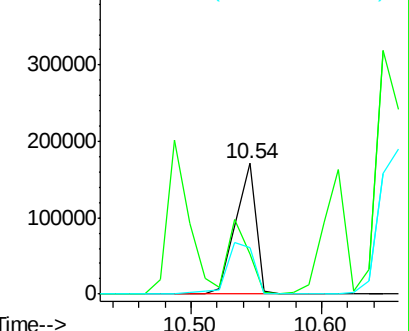
105 35.3 21.7 61.7

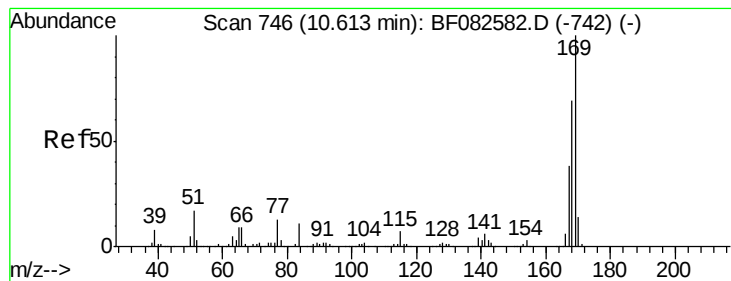


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

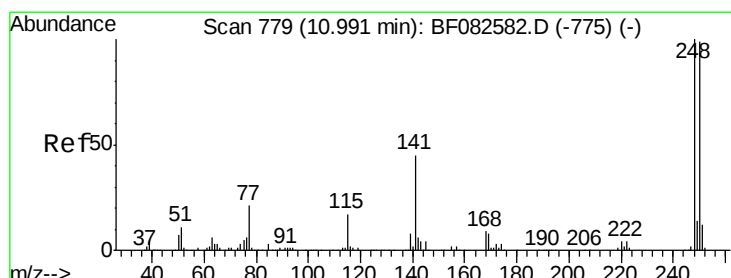
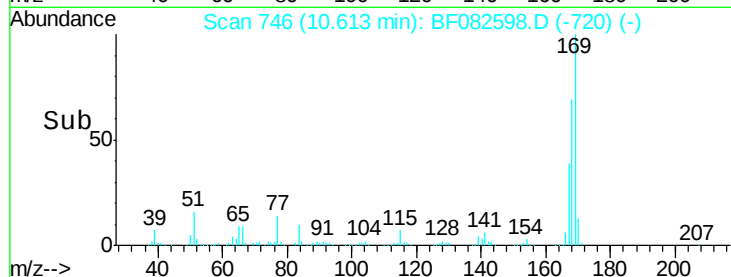
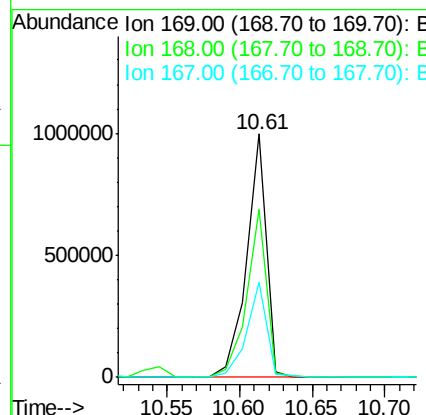
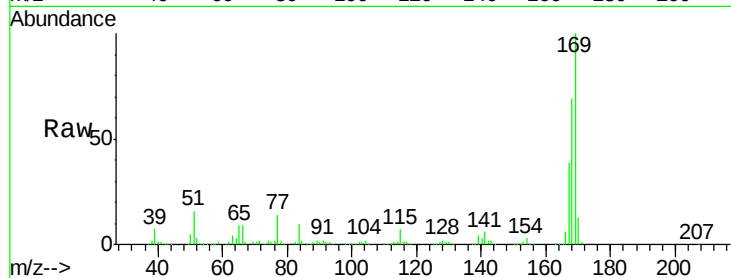




#65
 n-Nitrosodiphenylamine
 Concen: 38.67 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

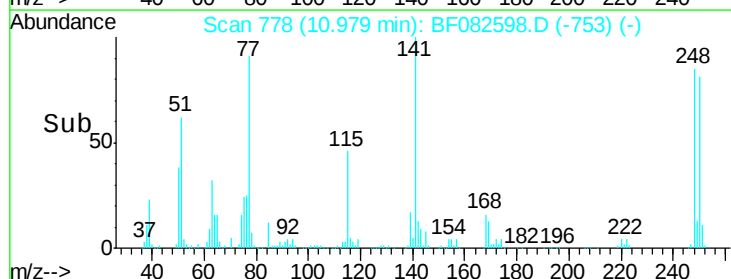
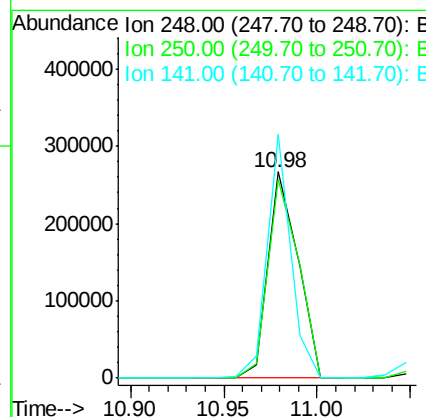
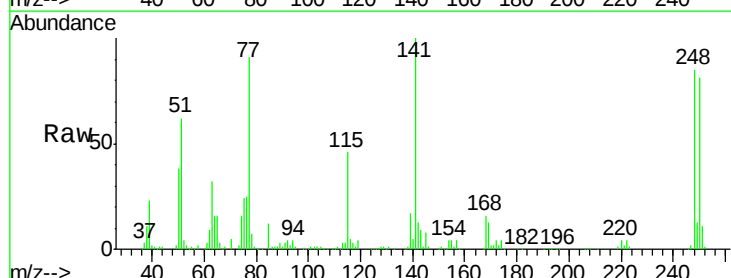
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

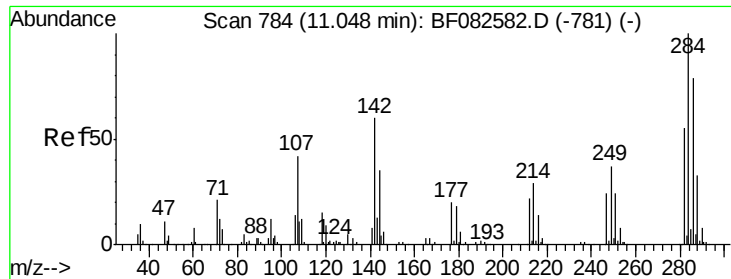
Tgt Ion:169 Resp: 944200
 Ion Ratio Lower Upper
 169 100
 168 69.0 55.0 82.6
 167 38.9 30.5 45.7



#66
 4-Bromophenyl-phenylether
 Concen: 36.66 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion:248 Resp: 295085
 Ion Ratio Lower Upper
 248 100
 250 96.0 79.4 119.2
 141 118.0 36.3 54.5#

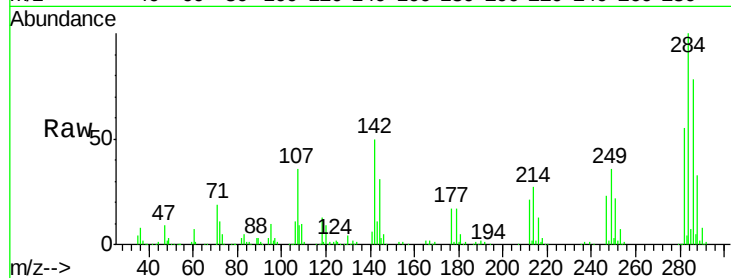




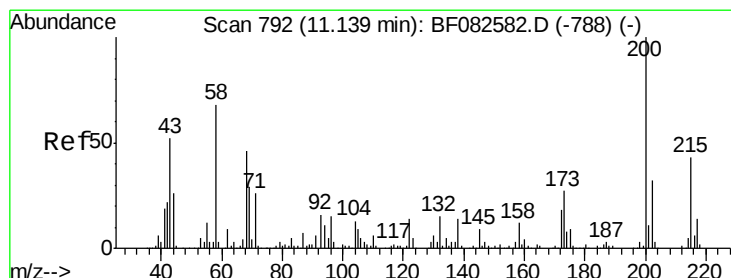
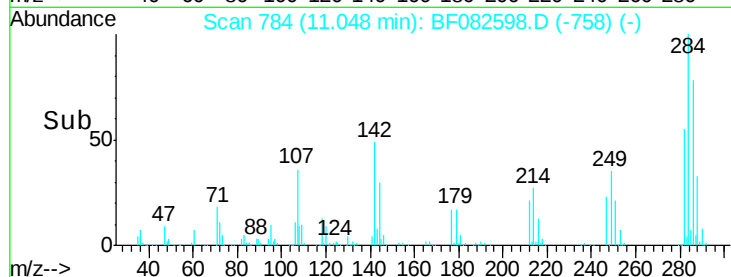
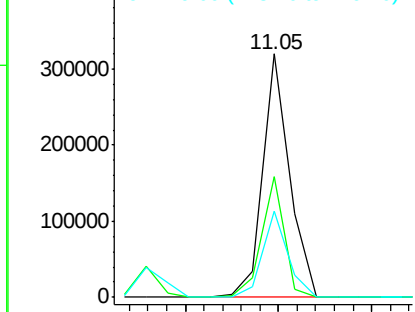
#67
Hexachlorobenzene
Concen: 35.89 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Tgt Ion: 284 Resp: 320327
Ion Ratio Lower Upper
284 100
142 49.6 47.9 71.9
249 35.6 29.7 44.5

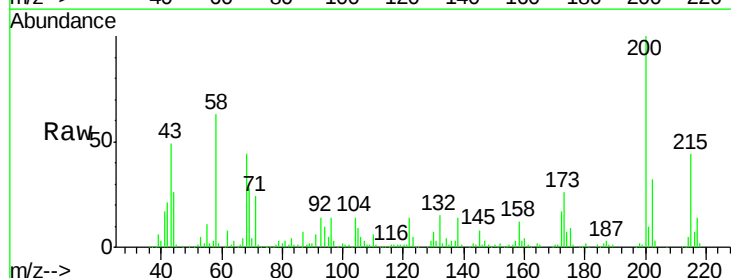


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

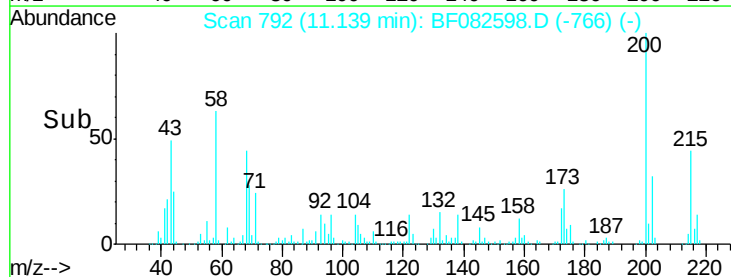
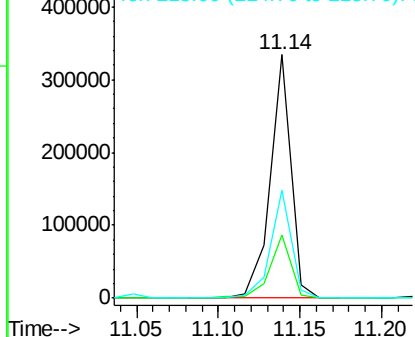


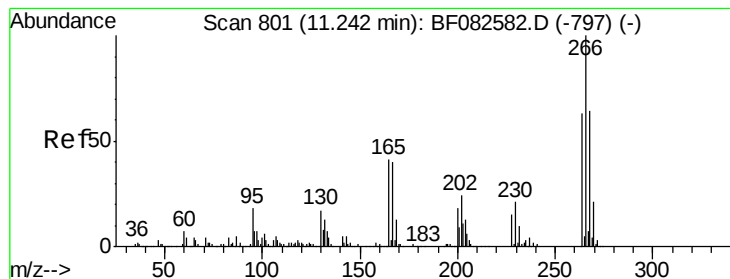
#68
Atrazine
Concen: 37.19 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion: 200 Resp: 297130
Ion Ratio Lower Upper
200 100
173 26.0 6.9 46.9
215 44.1 22.9 62.9



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: 81.42 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

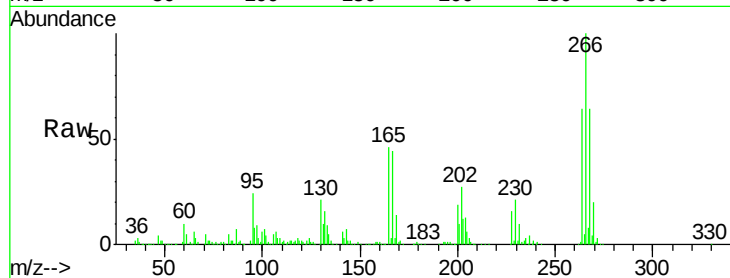
Tgt Ion:266 Resp: 479155

Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

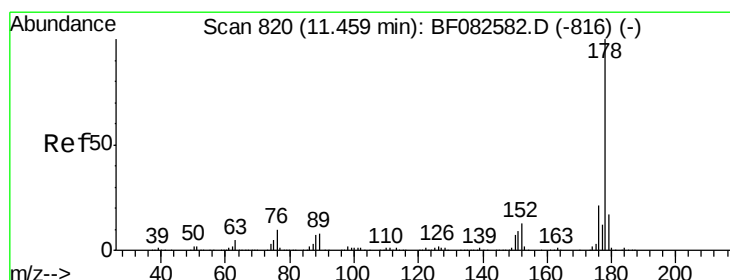
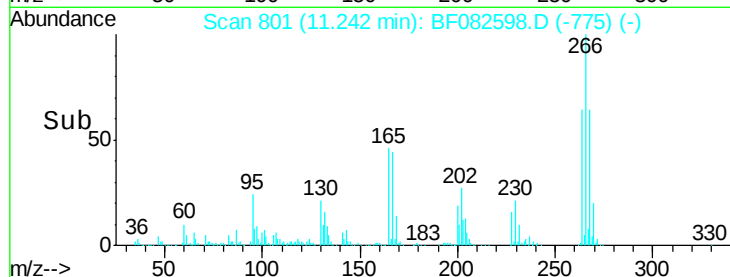
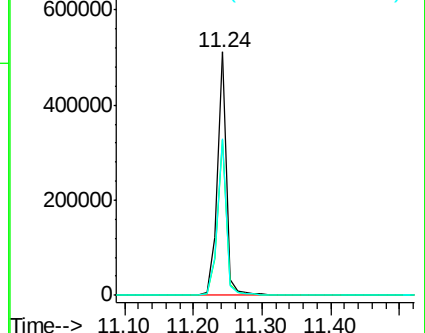
264 64.2 50.6 75.8



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: 37.22 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

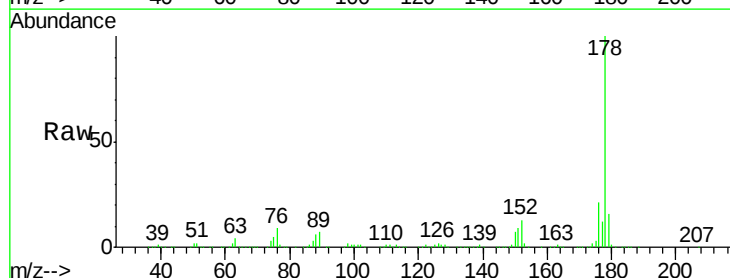
Tgt Ion:178 Resp: 1490945

Ion Ratio Lower Upper

178 100

176 21.2 17.0 25.4

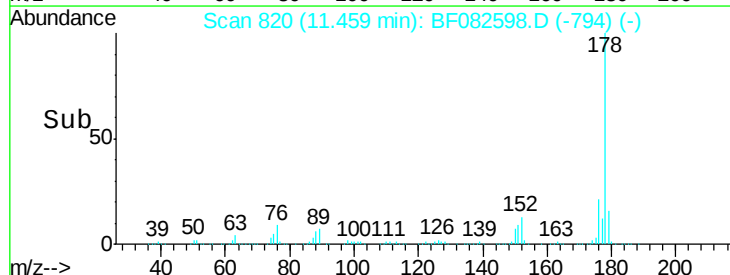
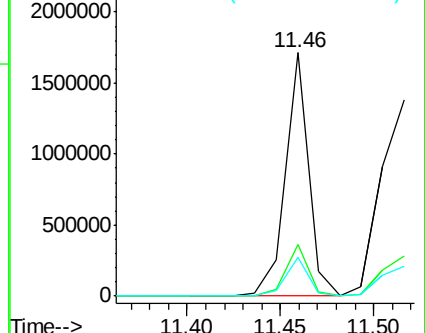
179 16.0 13.4 20.0

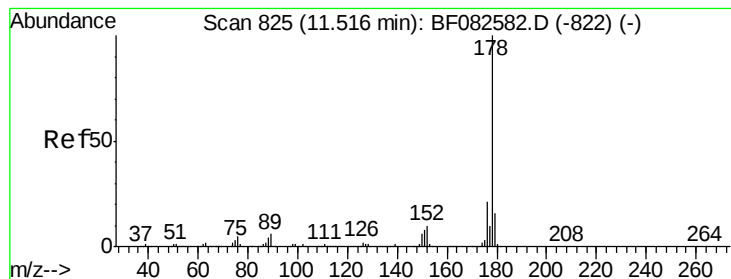


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.40 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

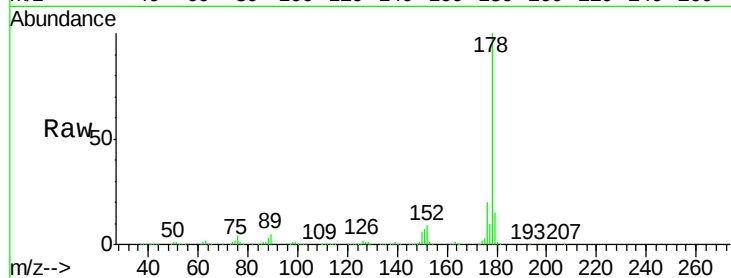
Tgt Ion:178 Resp: 1629643

Ion Ratio Lower Upper

178 100

176 20.2 16.5 24.7

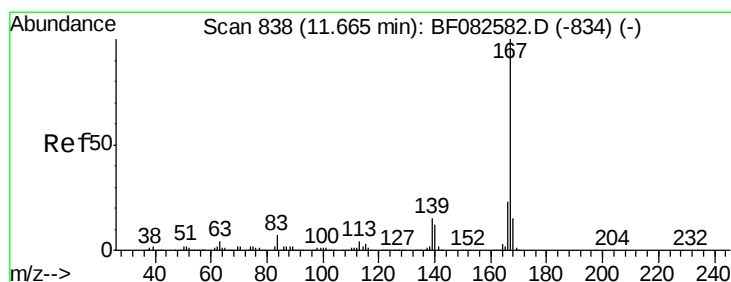
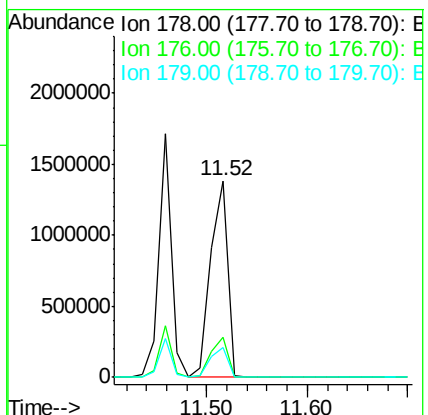
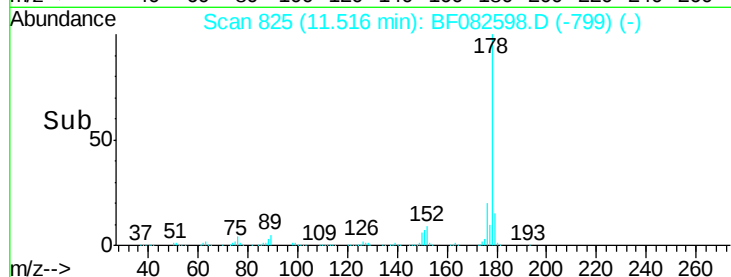
179 15.5 13.2 19.8



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



#72

Carbazole

Concen: 42.31 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

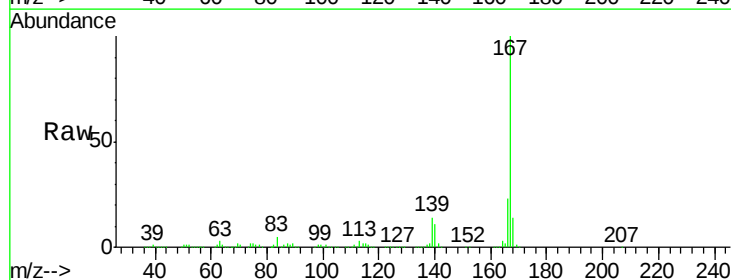
Tgt Ion:167 Resp: 1486505

Ion Ratio Lower Upper

167 100

166 23.3 18.7 28.1

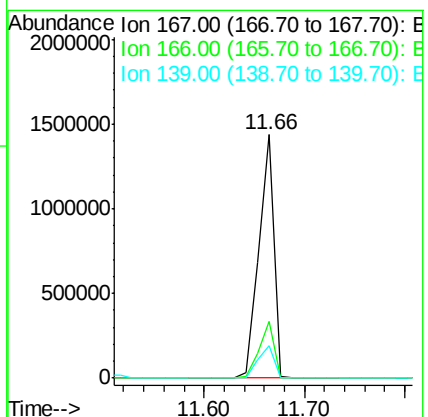
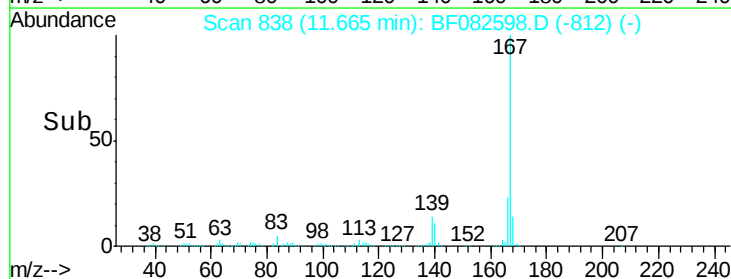
139 13.5 11.8 17.6

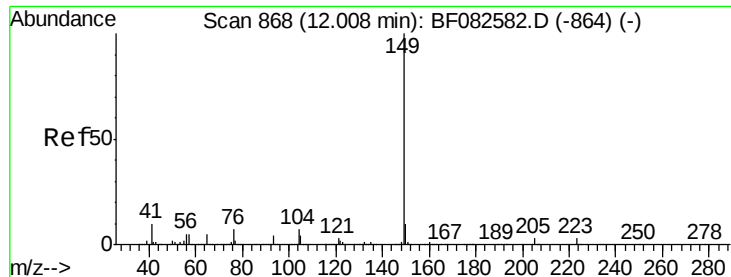


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.50 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampled :

PB86301BS

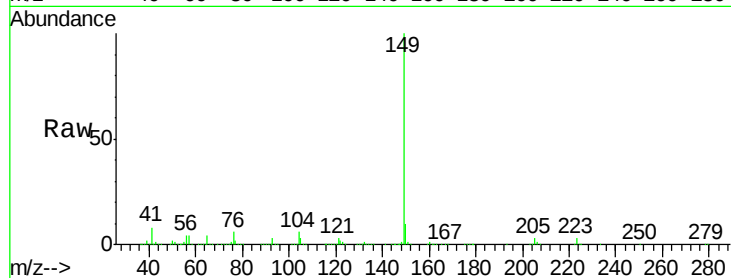
Tgt Ion:149 Resp: 1900952

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

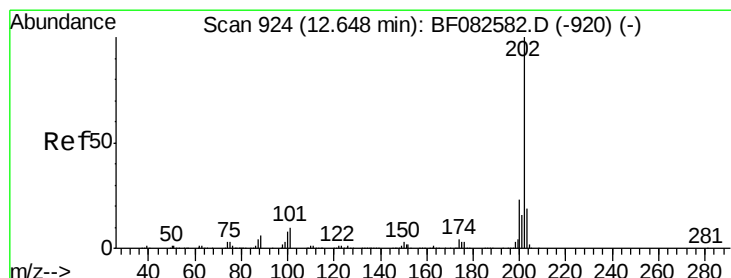
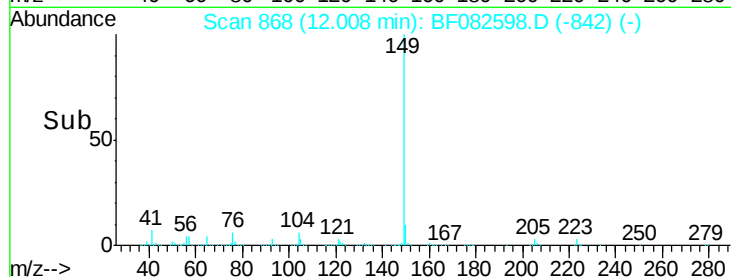
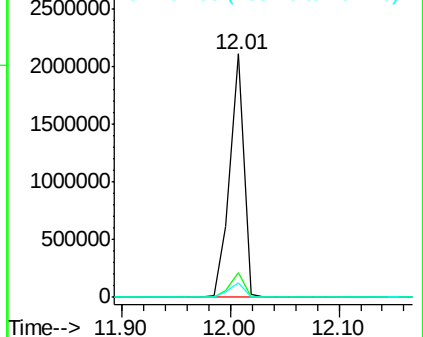
104 5.8 5.2 7.8



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: 39.37 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

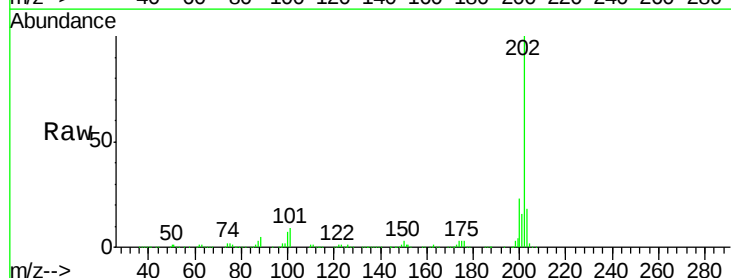
Tgt Ion:202 Resp: 1612227

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.5

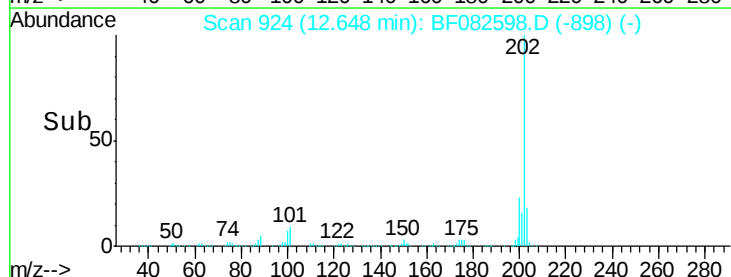
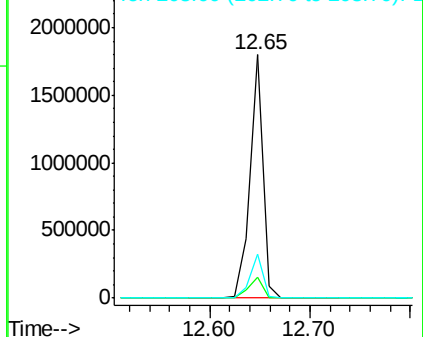
203 18.1 0.0 38.5

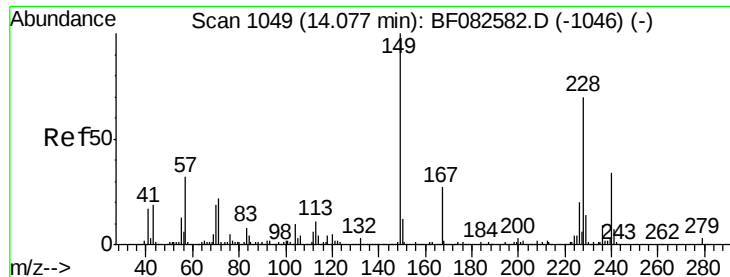


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

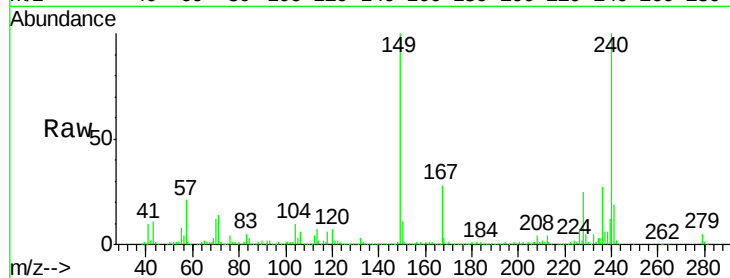
Tgt Ion:240 Resp: 582276

Ion Ratio Lower Upper

240 100

120 7.5 10.9 16.3#

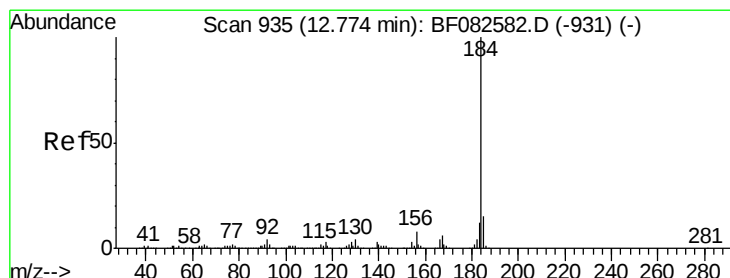
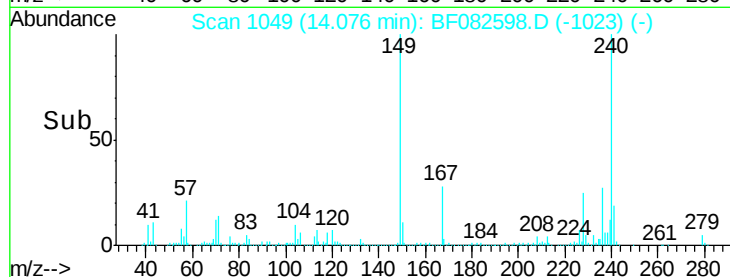
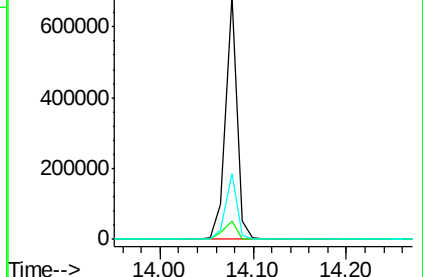
236 27.1 21.6 32.4



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: 19.34 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

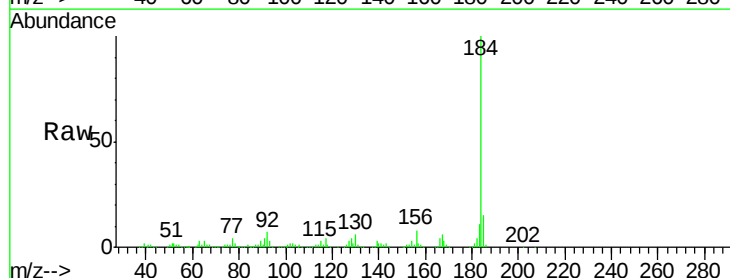
Tgt Ion:184 Resp: 507849

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

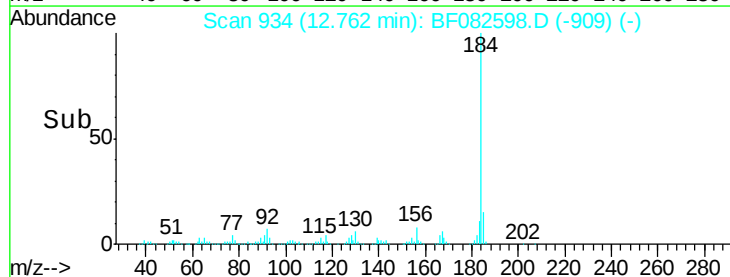
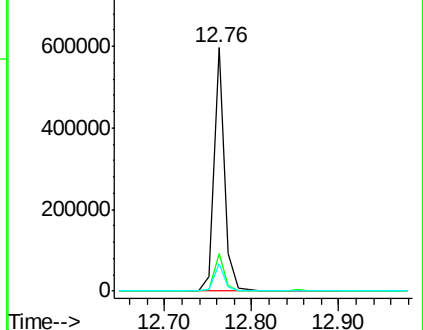
183 11.4 9.6 14.4

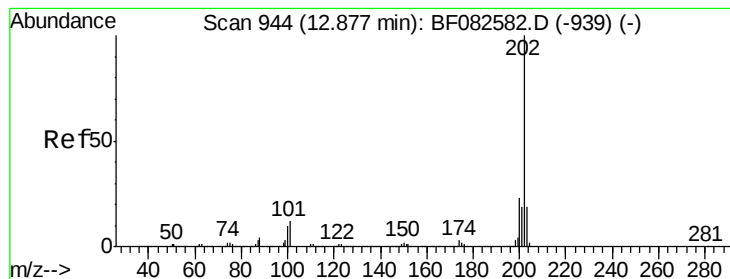


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.36 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

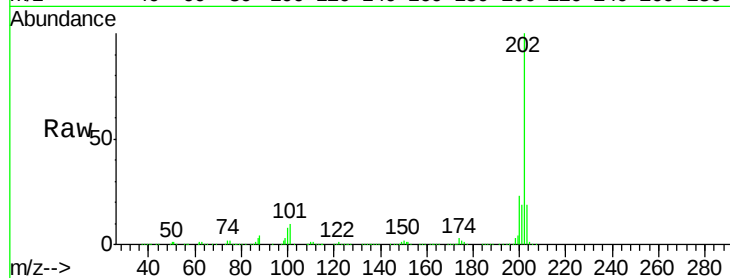
Tgt Ion:202 Resp: 1610941

Ion Ratio Lower Upper

202 100

200 23.4 18.7 28.1

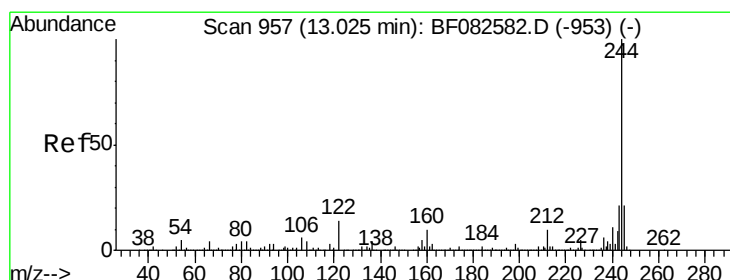
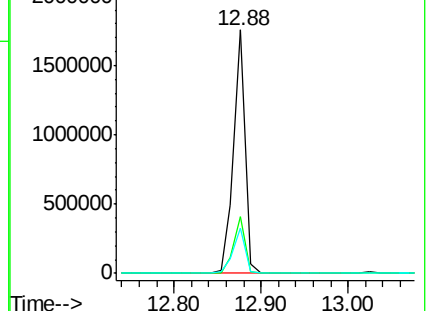
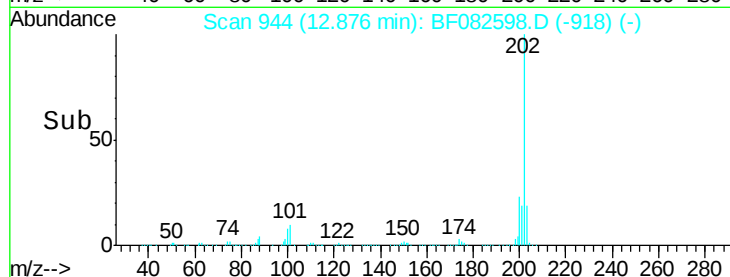
203 18.7 14.8 22.2



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: 77.98 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

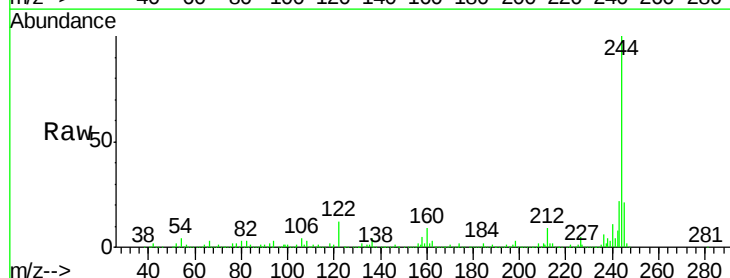
Tgt Ion:244 Resp: 2074779

Ion Ratio Lower Upper

244 100

212 9.1 7.6 11.4

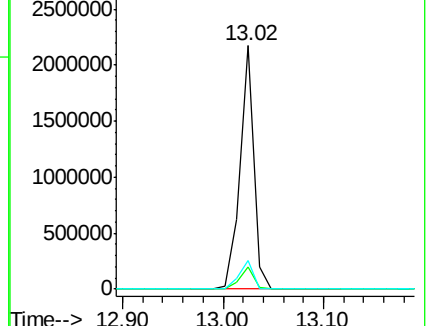
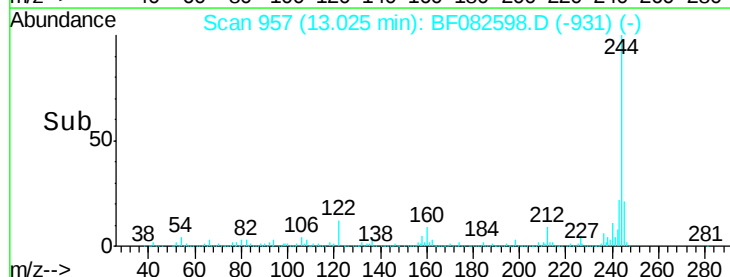
122 11.7 11.3 16.9

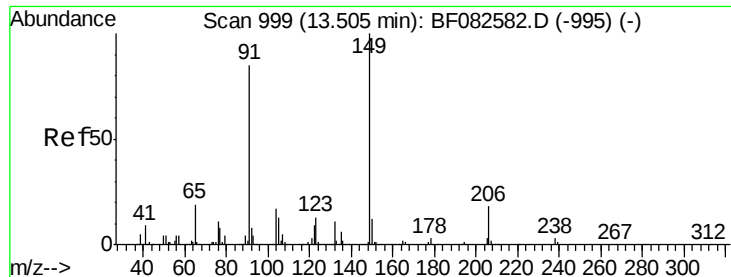


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

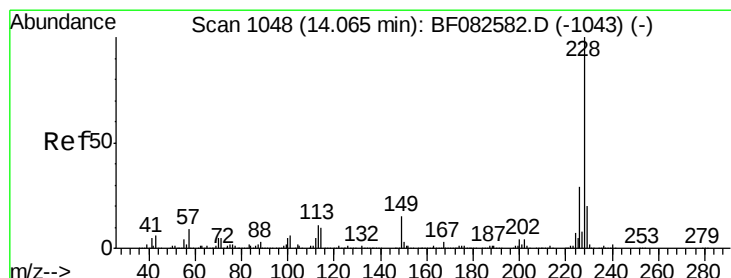
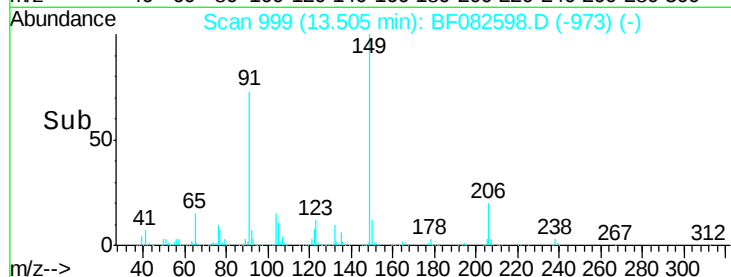
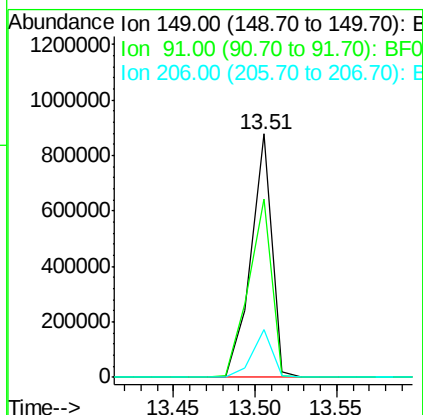
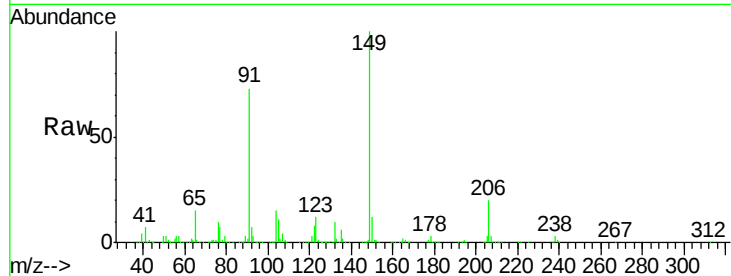




#79
Butylbenzylphthalate
Concen: 41.51 ng
RT: 13.51 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

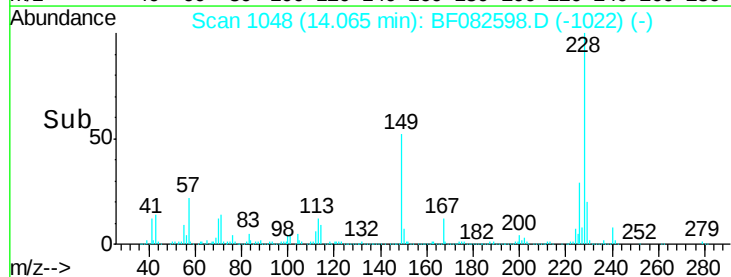
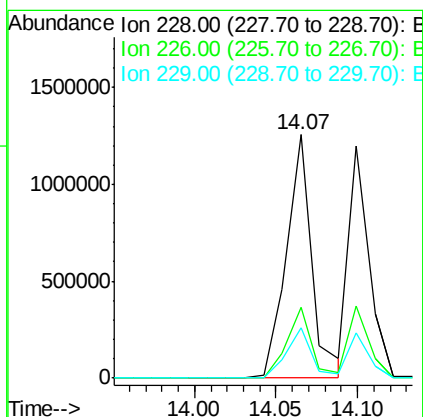
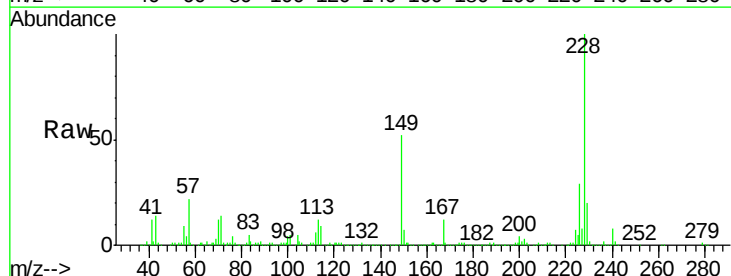
Instrument :
BNA_F
ClientSampleId :
PB86301BS

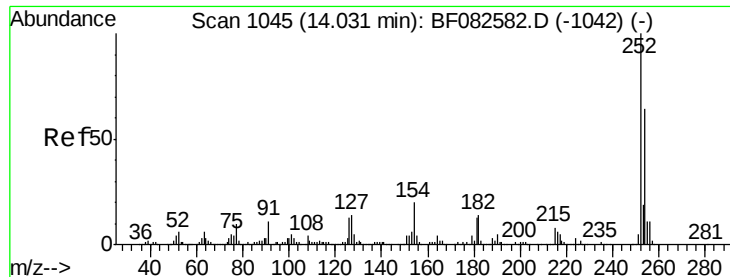
Tgt Ion:149 Resp: 783837
Ion Ratio Lower Upper
149 100
91 73.4 67.7 101.5
206 19.6 14.6 22.0



#80
Benzo(a)anthracene
Concen: 37.07 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion:228 Resp: 1370964
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.2
229 20.5 16.3 24.5

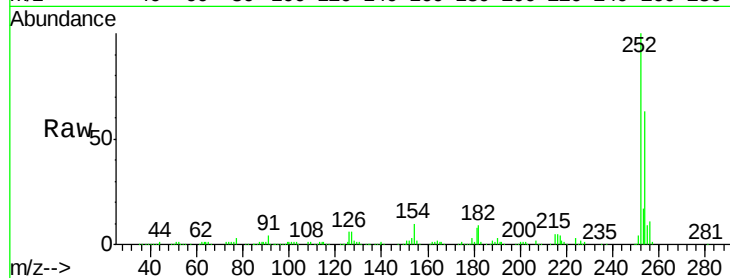




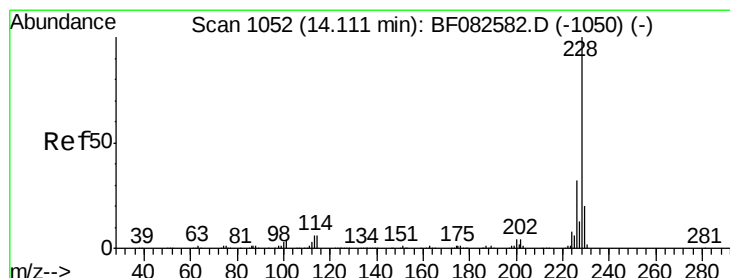
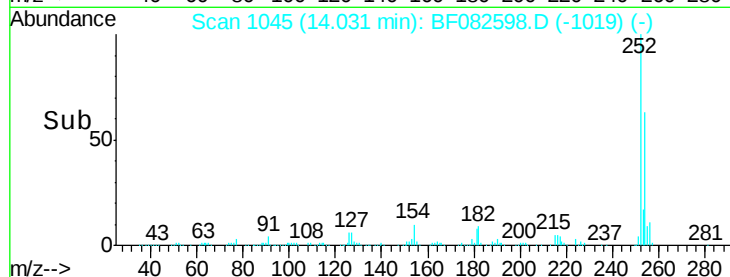
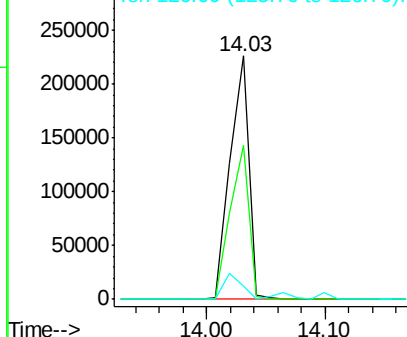
#81
 3,3'-Dichlorobenzidine
 Concen: 19.40 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion:252 Resp: 247253
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.4 77.0
 126 5.6 10.7 16.1#

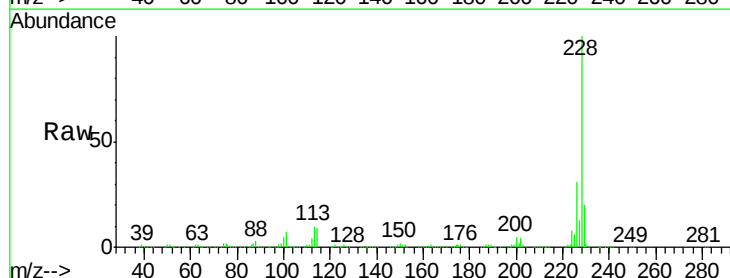


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

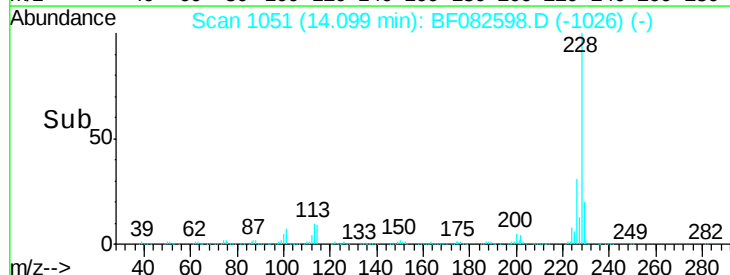
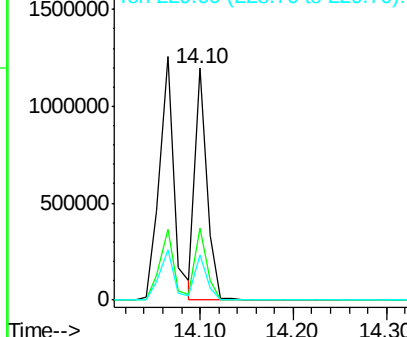


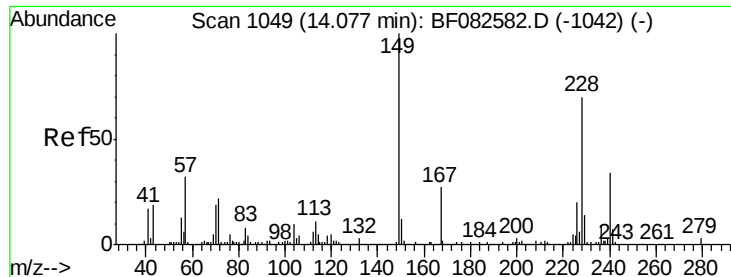
#82
 Chrysene
 Concen: 31.74 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion:228 Resp: 1063922
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.5 38.3
 229 19.7 16.3 24.5



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

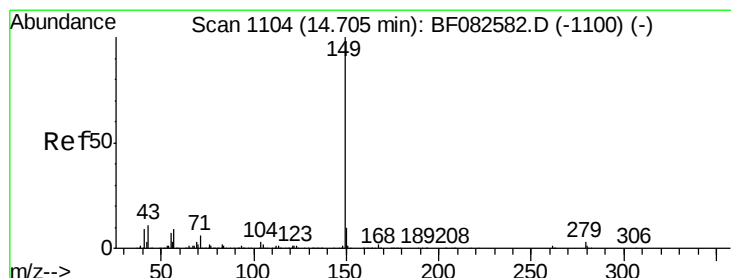
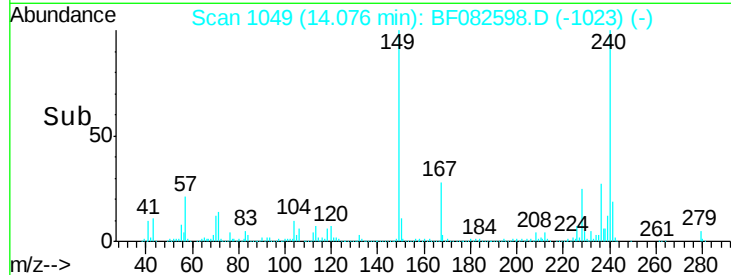
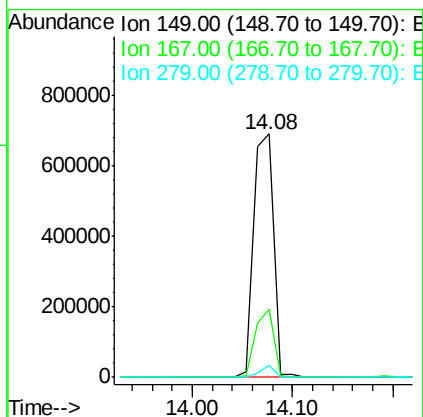
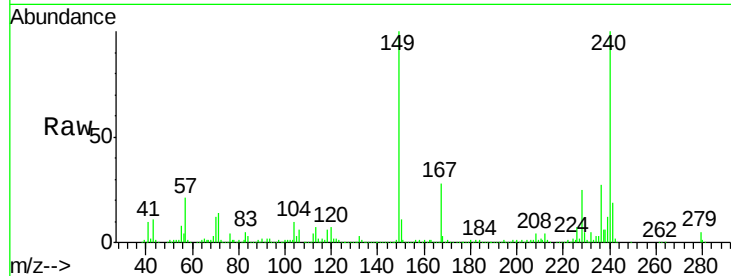




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.63 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

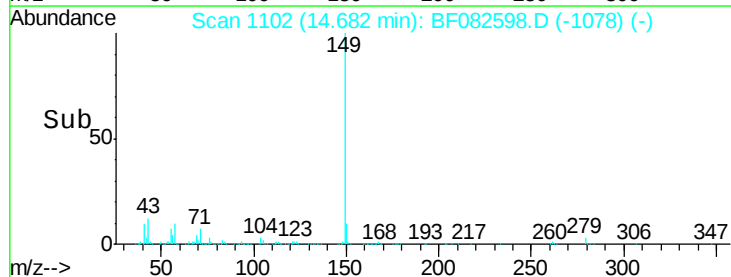
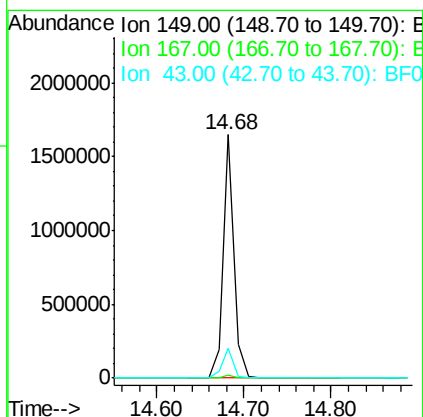
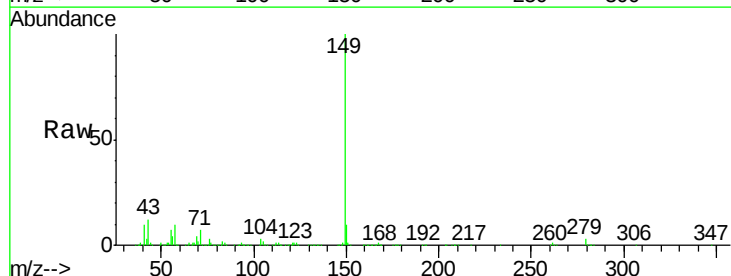
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion:149 Resp: 945617
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.2 31.8
 279 5.0 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 37.57 ng
 RT: 14.68 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion:149 Resp: 1434849
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.8 10.1 15.1

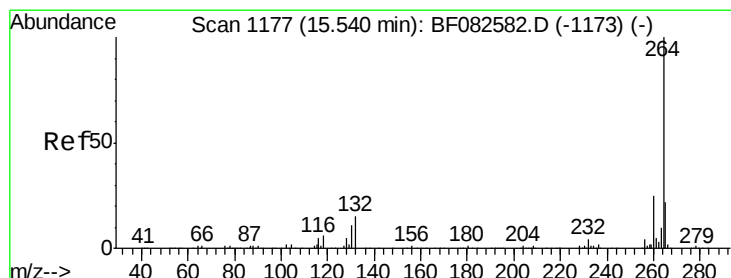
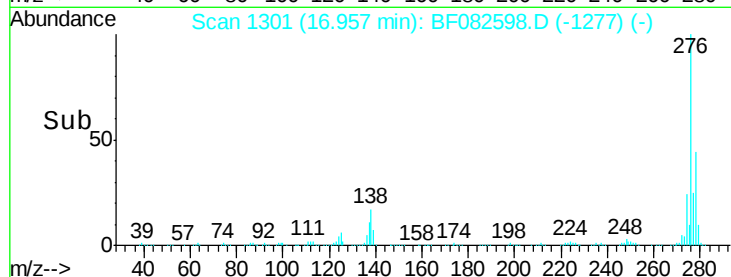
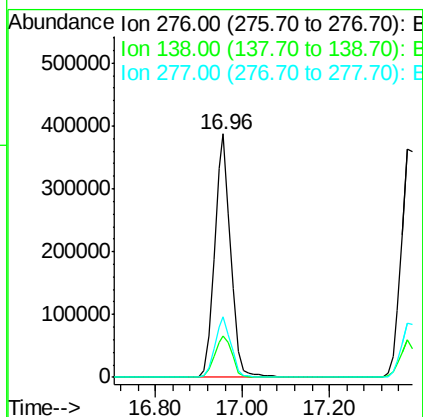
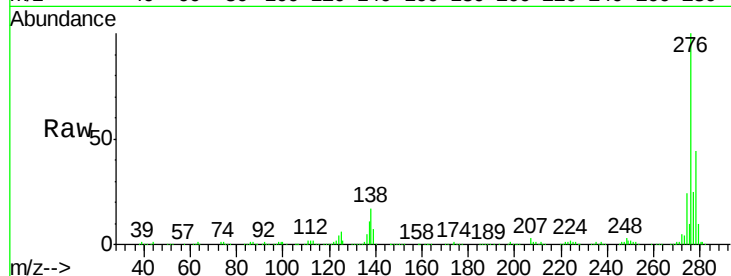




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.59 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

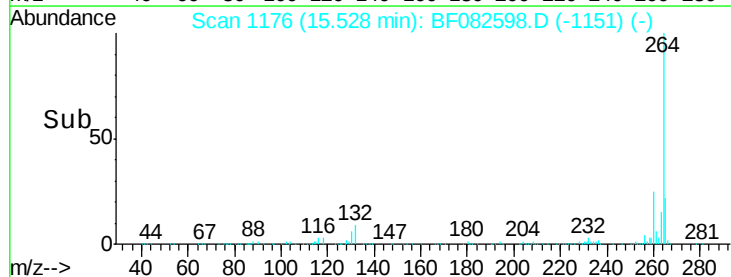
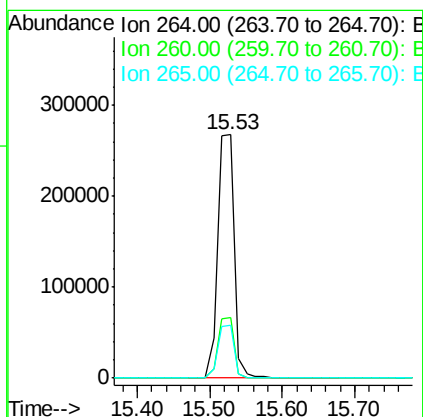
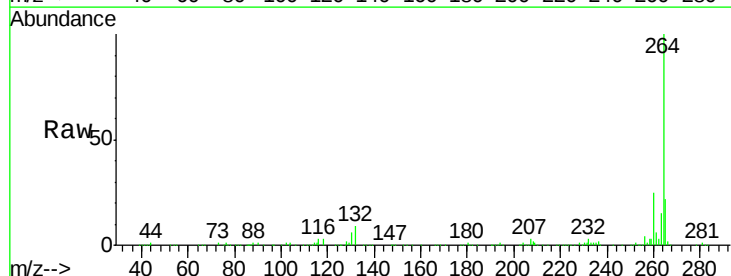
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

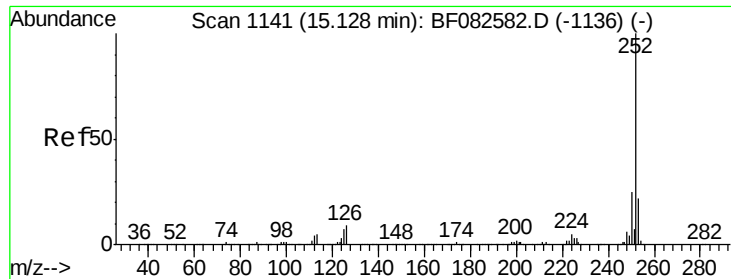
Tgt Ion: 276 Resp: 1012350
 Ion Ratio Lower Upper
 276 100
 138 18.4 15.3 22.9
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion: 264 Resp: 420329
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.8 29.6
 265 21.8 17.4 26.0

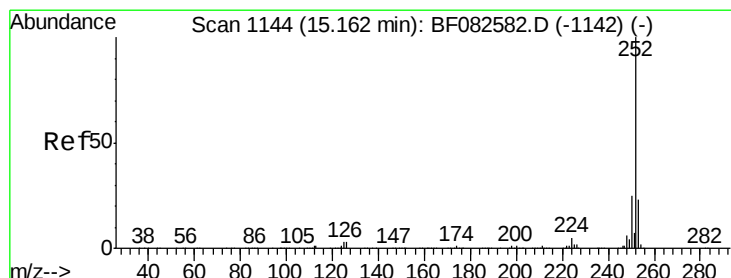
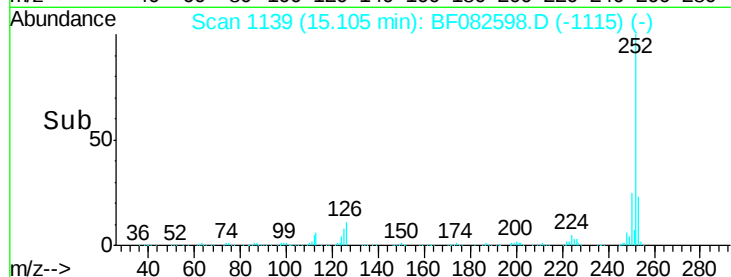
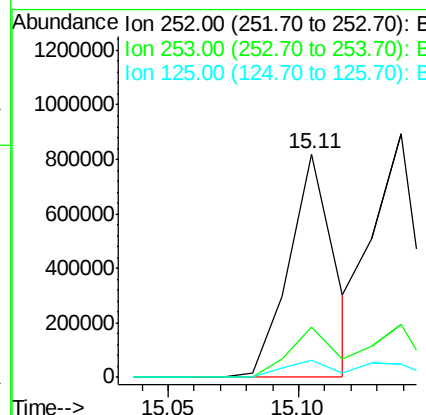
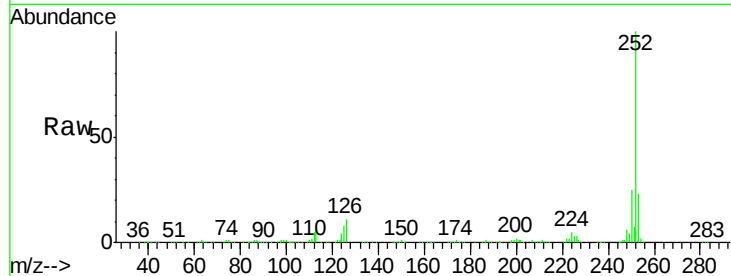




#87
Benzo(b)fluoranthene
Concen: 34.03 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

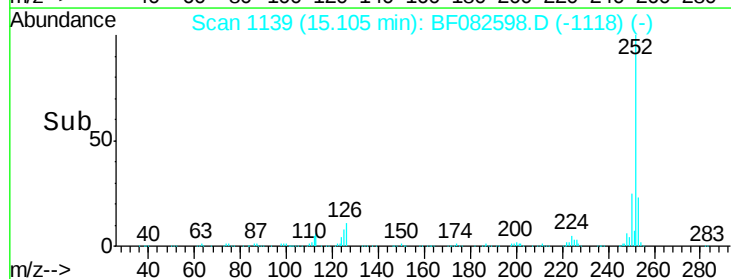
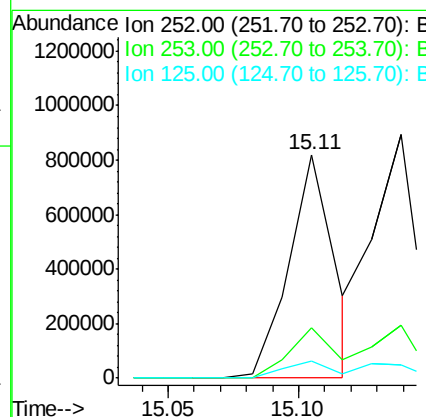
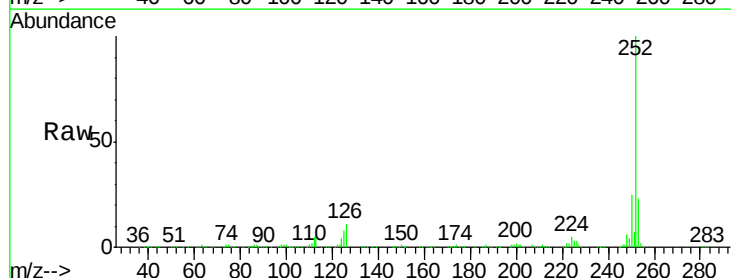
Instrument :
BNA_F
ClientSampleId :
PB86301BS

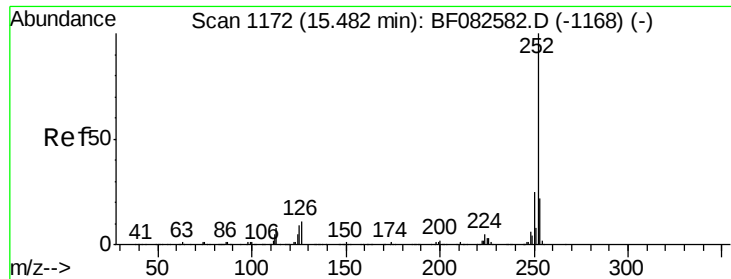
Tgt Ion:252 Resp: 986329
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 7.9 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 44.67 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion:252 Resp: 986329
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 7.9 3.5 5.3#

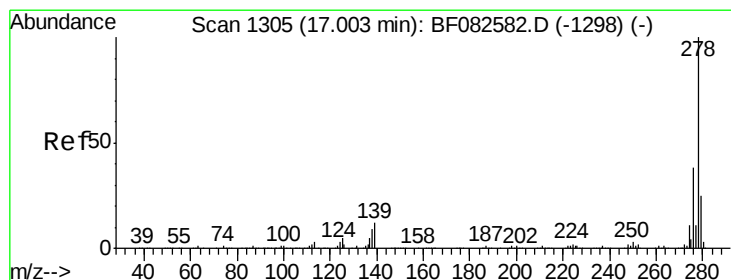
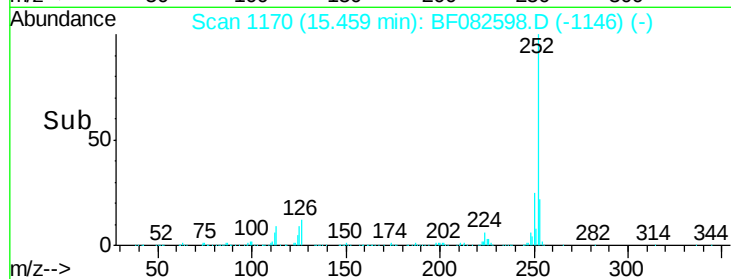
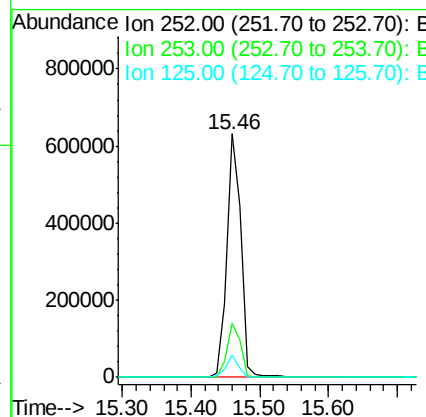
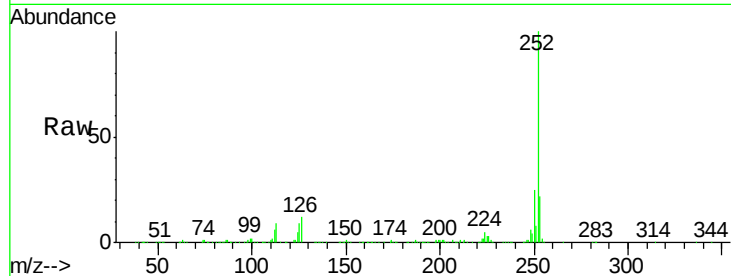




#89
Benzo(a)pyrene
Concen: 40.39 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

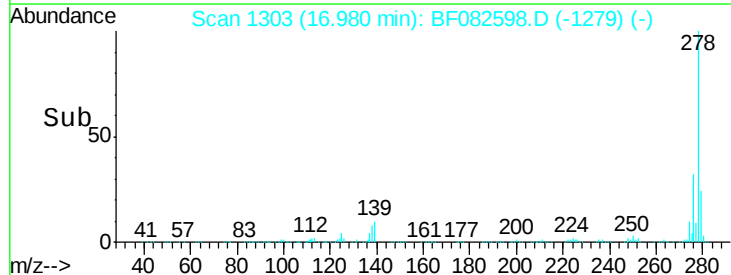
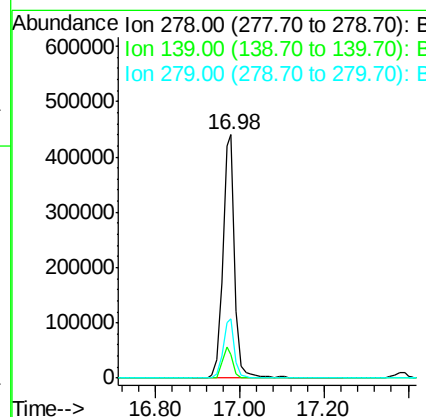
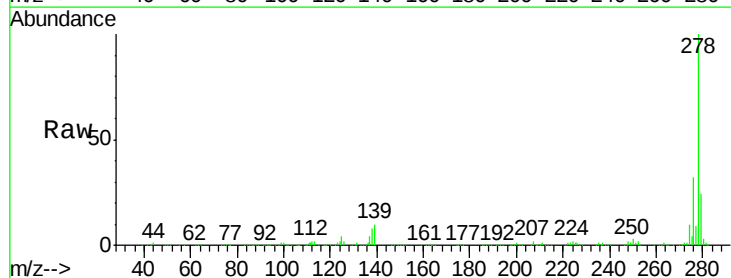
Instrument :
BNA_F
ClientSampleId :
PB86301BS

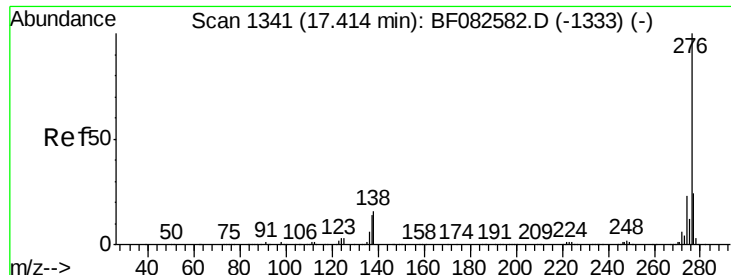
Tgt Ion: 252 Resp: 921973
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.2 7.1 10.7



#90
Dibenzo(a,h)anthracene
Concen: 40.74 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion: 278 Resp: 867793
Ion Ratio Lower Upper
278 100
139 9.6 9.9 14.9#
279 24.1 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 41.47 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.03 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

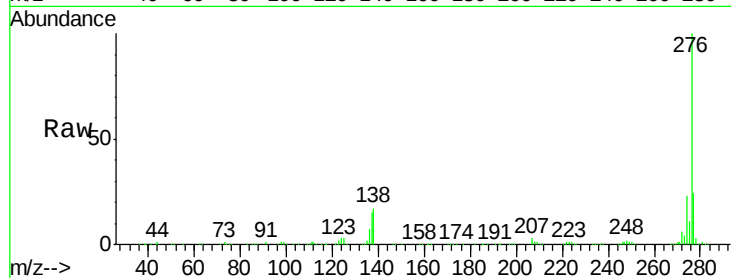
Tgt Ion: 276 Resp: 856031

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 16.6 13.1 19.7



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

