

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082632.D
 Acq On : 31 Oct 2015 20:25
 Operator : UM/IZ
 Sample : PB86353BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86353BS

Quant Time: Nov 02 00:37:59 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	232745	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	898350	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	458396	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	848617	20.00	ng	0.00
75) Chrysene-d12	14.08	240	518262	20.00	ng	0.00
86) Perylene-d12	15.54	264	490969	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1682385	108.87	ng	0.02
7) Phenol-d6	6.54	99	2222649	108.27	ng	0.01
23) Nitrobenzene-d5	7.47	82	1494523	67.93	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	465267	92.74	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2261910	70.06	ng	0.00
78) Terphenyl-d14	13.03	244	1979959	83.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	204773	28.66	ng	92
3) Pyridine	3.37	79	587149	28.03	ng	99
4) n-Nitrosodimethylamine	3.31	42	331713	28.13	ng	95
6) Aniline	6.57	93	501112	17.53	ng	97
8) 2-Chlorophenol	6.69	128	601519	35.98	ng	92
9) Benzaldehyde	6.44	77	235879	16.83	ng	97
10) Phenol	6.56	94	851135	36.59	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	561885	32.74	ng	98
12) 1,3-Dichlorobenzene	6.84	146	592302	31.07	ng	97
13) 1,4-Dichlorobenzene	6.92	146	631323	33.39	ng	97
14) 1,2-Dichlorobenzene	7.08	146	613253	34.94	ng	96
15) Benzyl Alcohol	7.05	79	627068	32.76	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	912062	33.44	ng	98
17) 2-Methylphenol	7.16	107	493991	34.75	ng	97
18) Hexachloroethane	7.42	117	242898	32.92	ng	92
19) n-Nitroso-di-n-propylamine	7.32	70	460027	29.56	ng	95
20) 3+4-Methylphenols	7.31	107	635127	34.38	ng	# 86
22) Acetophenone	7.31	105	873917	33.04	ng	# 83
24) Nitrobenzene	7.49	77	703416	31.63	ng	95
25) Isophorone	7.73	82	1292040	31.92	ng	99
26) 2-Nitrophenol	7.80	139	273715	33.70	ng	93
27) 2,4-Dimethylphenol	7.85	122	549514	34.66	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	729735	32.96	ng	99
29) 2,4-Dichlorophenol	8.05	162	538022	37.22	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	505911	31.54	ng	99
31) Naphthalene	8.21	128	1479556	30.44	ng	99
32) Benzoic acid	7.97	122	366299	31.84	ng	90
34) Hexachlorobutadiene	8.34	225	336807	33.02	ng	99
35) Caprolactam	8.64	113	154882	34.93	ng	89
36) 4-Chloro-3-methylphenol	8.75	107	593639	34.88	ng	# 86
37) 2-Methylnaphthalene	8.91	142	1139843	36.18	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	550728	36.00	ng	99
40) Hexachlorocyclopentadiene	9.07	237	498350	51.82	ng	99
42) 2,4,6-Trichlorophenol	9.18	196	370042	33.50	ng	98

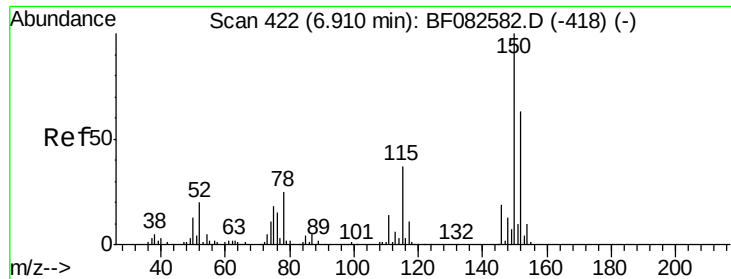
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082632.D
 Acq On : 31 Oct 2015 20:25
 Operator : UM/IZ
 Sample : PB86353BS
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Quant Time: Nov 02 00:37:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS 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)
43) 2,4,5-Trichlorophenol	9.23	196	385924	35.07	ng	# 83
45) 1,1'-Biphenyl	9.38	154	1356225	35.03	ng	98
46) 2-Chloronaphthalene	9.40	162	1074432	35.54	ng	97
47) 2-Nitroaniline	9.48	65	356363	30.32	ng	98
48) Acenaphthylene	9.81	152	1604028	33.17	ng	99
49) Dimethylphthalate	9.68	163	1218398	32.55	ng	100
50) 2,6-Dinitrotoluene	9.73	165	290824	37.48	ng	94
51) Acenaphthene	9.98	154	1081127	35.22	ng	99
52) 3-Nitroaniline	9.89	138	138557	16.05	ng	93
53) 2,4-Dinitrophenol	10.00	184	191109	49.06	ng	# 64
54) Dibenzofuran	10.16	168	1343806	32.26	ng	98
55) 4-Nitrophenol	10.06	139	461484	71.05	ng	# 84
56) 2,4-Dinitrotoluene	10.13	165	346370	33.01	ng	94
57) Fluorene	10.50	166	1111273	33.07	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	292094	31.41	ng	93
59) Diethylphthalate	10.37	149	1292300	33.91	ng	96
60) 4-Chlorophenyl-phenylether	10.50	204	544204	33.32	ng	92
61) 4-Nitroaniline	10.51	138	217674	26.42	ng	96
62) Azobenzene	10.65	77	1435404	33.40	ng	86
64) 4,6-Dinitro-2-methylphenol	10.54	198	171861	33.58	ng	95
65) n-Nitrosodiphenylamine	10.61	169	1051062	36.03	ng	100
66) 4-Bromophenyl-phenylether	10.98	248	325739	33.87	ng	# 67
67) Hexachlorobenzene	11.05	284	354011	33.20	ng	# 88
68) Atrazine	11.14	200	320899	33.62	ng	98
69) Pentachlorophenol	11.24	266	443592	63.09	ng	98
70) Phenanthrene	11.46	178	1535246	32.08	ng	100
71) Anthracene	11.52	178	1716595	35.62	ng	98
72) Carbazole	11.66	167	1511184	36.00	ng	99
73) Di-n-butylphthalate	12.01	149	2066483	38.67	ng	98
74) Fluoranthene	12.65	202	1577688	32.24	ng	98
76) Benzidine	12.76	184	533049	22.81	ng	100
77) Pyrene	12.88	202	1540460	40.14	ng	100
79) Butylbenzylphthalate	13.51	149	789279	46.96	ng	85
80) Benzo(a)anthracene	14.07	228	1135081	34.48	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	265105	23.37	ng	# 96
82) Chrysene	14.10	228	991852	33.24	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	1081101	49.61	ng	# 98
84) Di-n-octyl phthalate	14.71	149	1549162	45.58	ng	97
85) Indeno(1,2,3-cd)pyrene	16.98	276	1133540	46.03	ng	99
87) Benzo(b)fluoranthene	15.15	252	1923577	56.82	ng	# 98
88) Benzo(k)fluoranthene	15.15	252	1924008	74.60	ng	# 97
89) Benzo(a)pyrene	15.48	252	947089	35.52	ng	99
90) Dibenzo(a,h)anthracene	17.00	278	960749	38.62	ng	99
91) Benzo(g,h,i)perylene	17.41	276	913187	37.88	ng	99

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

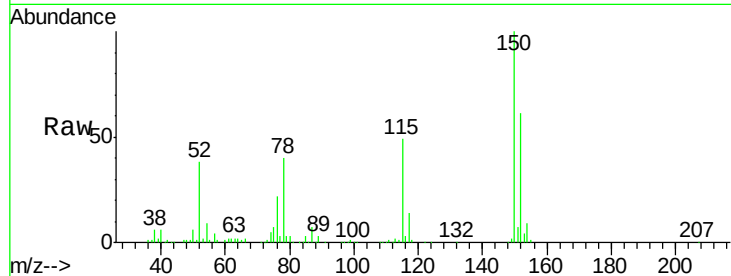


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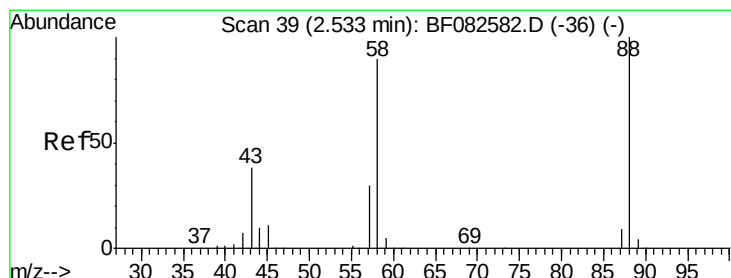
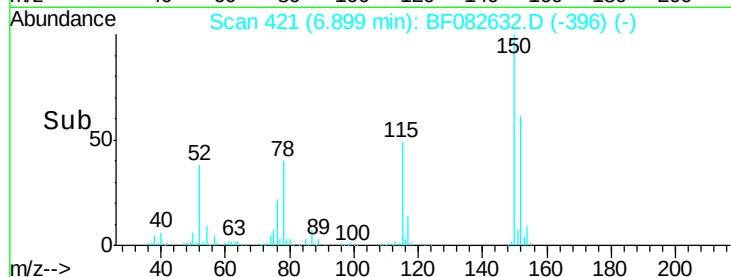
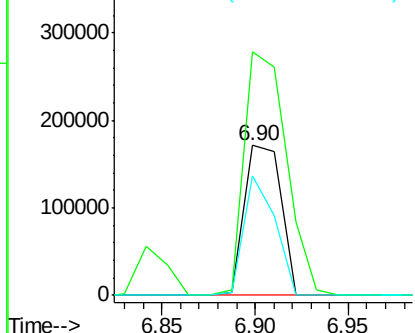
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB86353BS

Tgt Ion: 152 Resp: 232745
 Ion Ratio Lower Upper
 152 100
 150 162.7 127.0 190.4
 115 80.0 47.0 70.6#



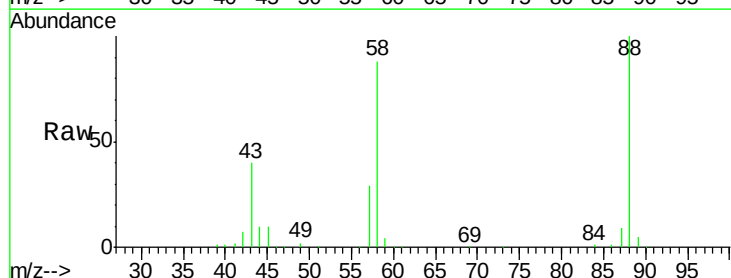
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



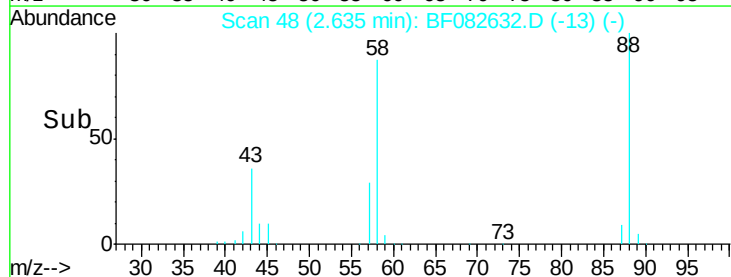
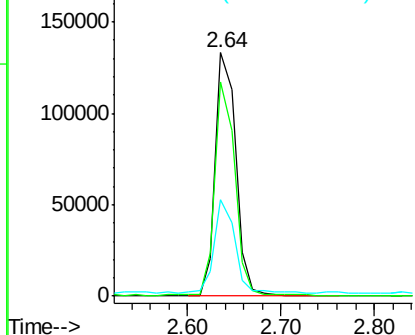
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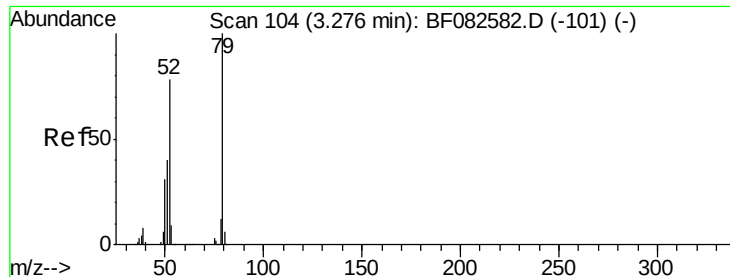
1,4-Dioxane
 Concen: 28.66 ng
 RT: 2.64 min Scan# 48
 Delta R.T. 0.10 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Tgt Ion: 88 Resp: 204773
 Ion Ratio Lower Upper
 88 100
 58 84.8 62.0 93.0
 43 37.6 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: 28.03 ng

RT: 3.37 min Scan# 112

Delta R.T. 0.09 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

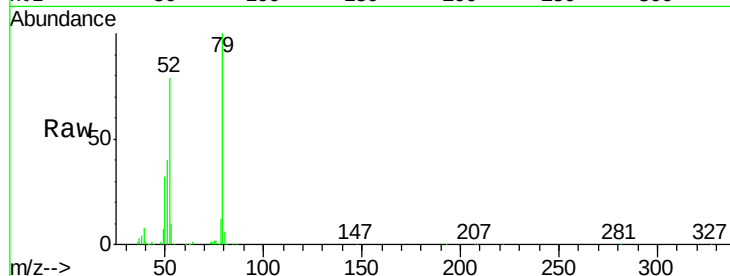
Tgt Ion: 79 Resp: 587149

Ion Ratio Lower Upper

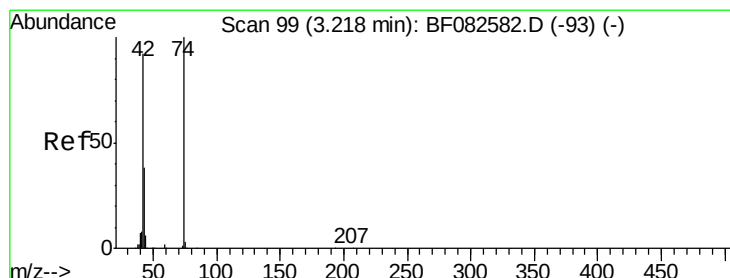
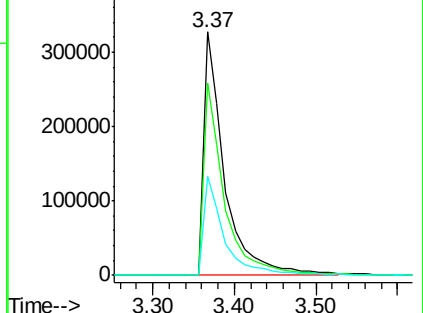
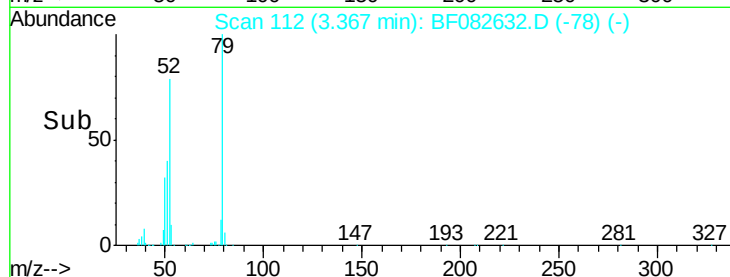
79 100

52 78.9 62.8 94.2

51 40.4 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 28.13 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.09 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

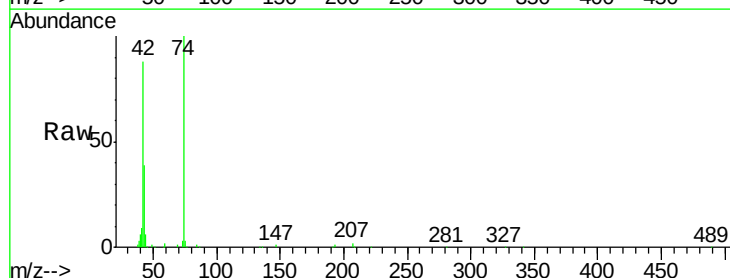
Tgt Ion: 42 Resp: 331713

Ion Ratio Lower Upper

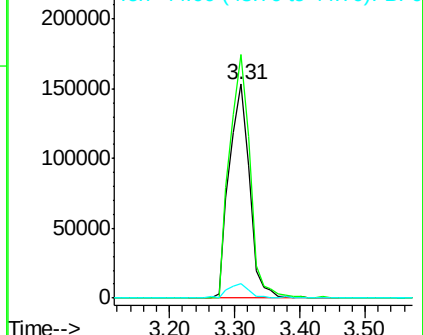
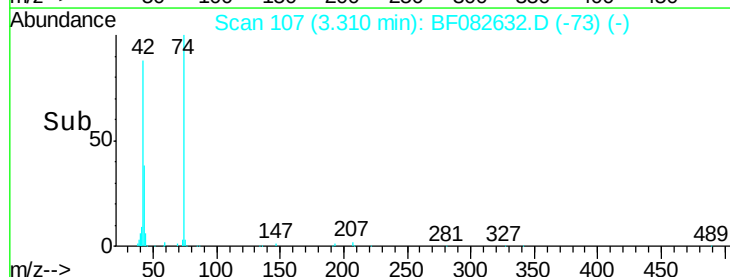
42 100

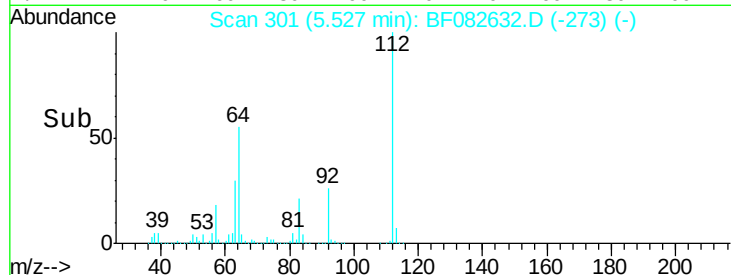
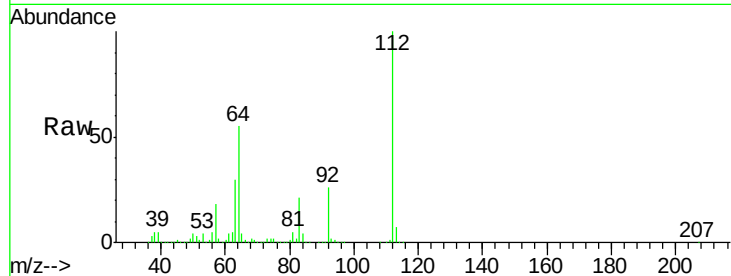
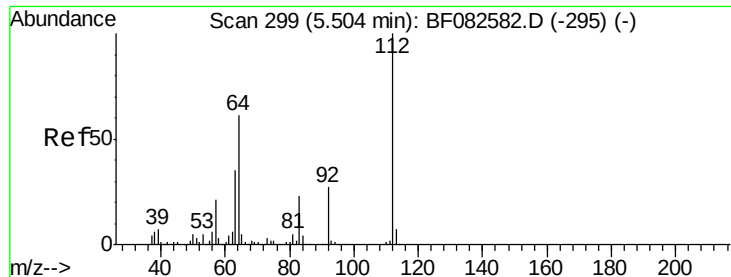
74 113.7 87.0 130.4

44 6.8 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.87 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.02 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

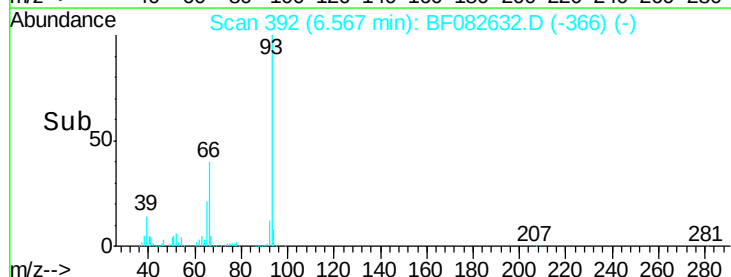
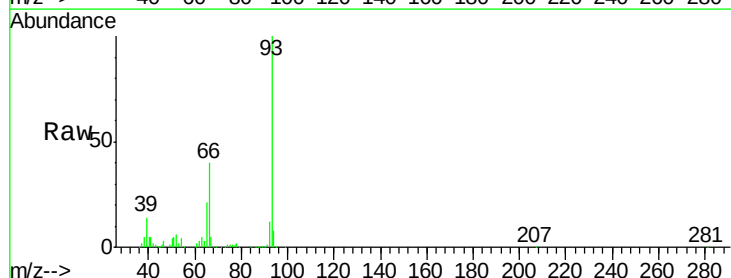
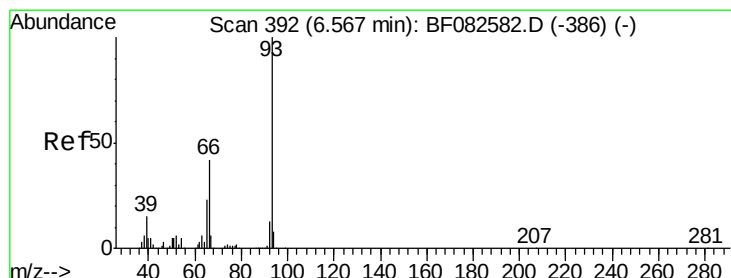
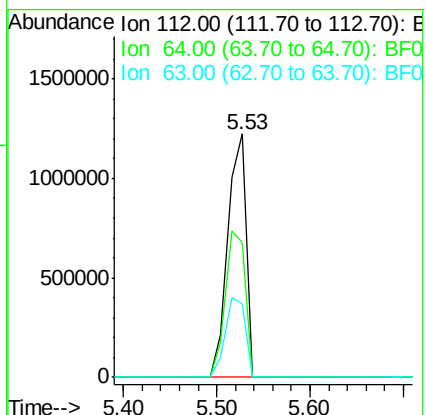
Tgt Ion: 112 Resp: 1682385

Ion Ratio Lower Upper

112 100

64 55.4 48.9 73.3

63 30.1 28.1 42.1



#6

Aniline

Concen: 17.53 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

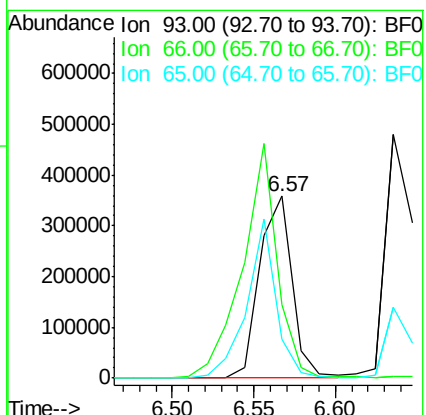
Tgt Ion: 93 Resp: 501112

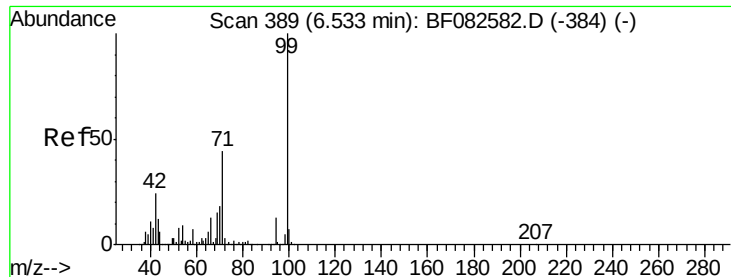
Ion Ratio Lower Upper

93 100

66 40.1 33.6 50.4

65 21.3 18.1 27.1





#7

Phenol-d6

Concen: 108.27 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

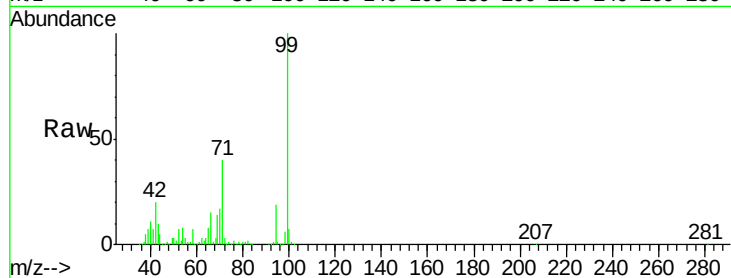
Tgt Ion: 99 Resp: 2222649

Ion Ratio Lower Upper

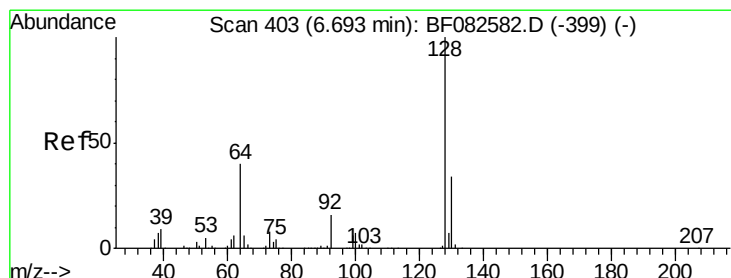
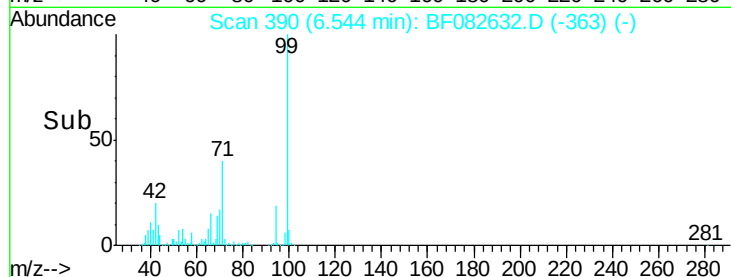
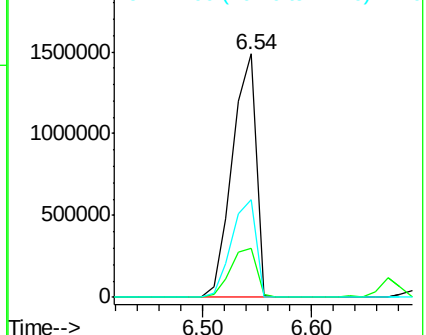
99 100

42 19.9 19.2 28.8

71 39.9 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: 35.98 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

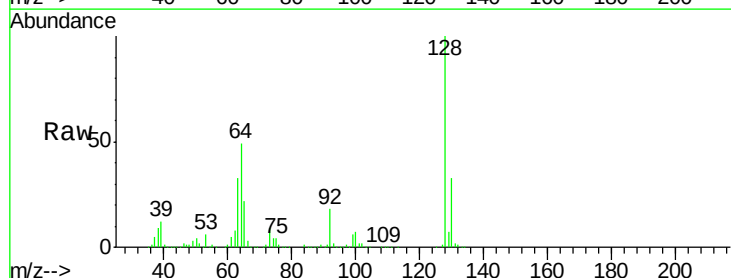
Tgt Ion: 128 Resp: 601519

Ion Ratio Lower Upper

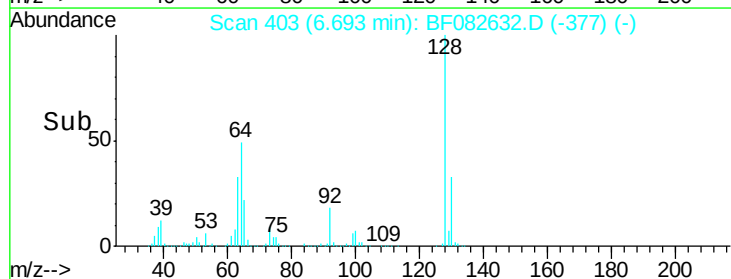
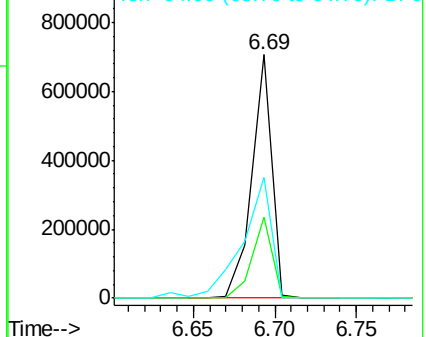
128 100

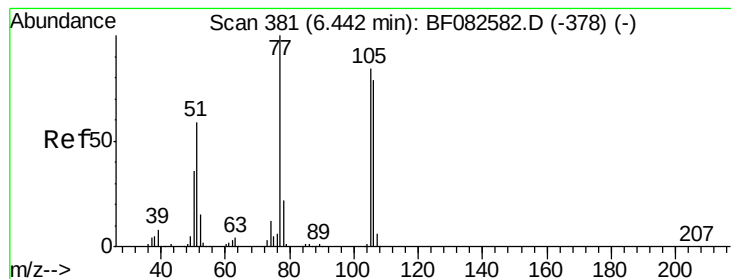
130 33.1 13.5 53.5

64 49.4 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: 16.83 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

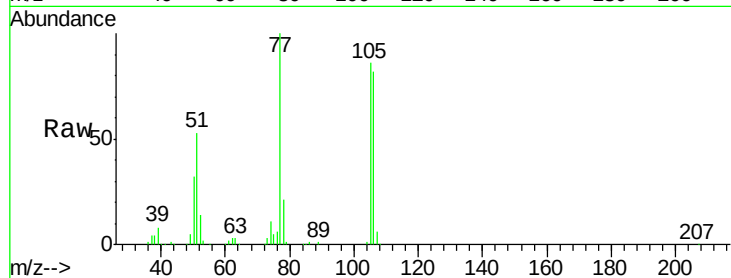
Tgt Ion: 77 Resp: 235879

Ion Ratio Lower Upper

77 100

105 86.5 63.5 103.5

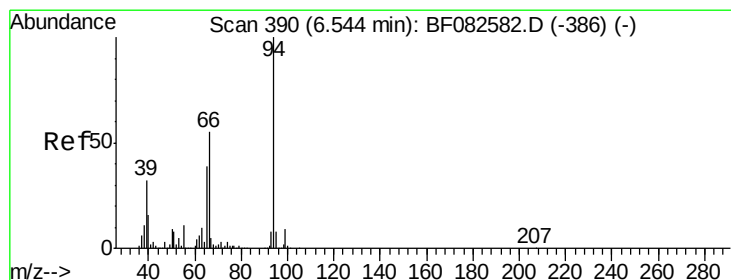
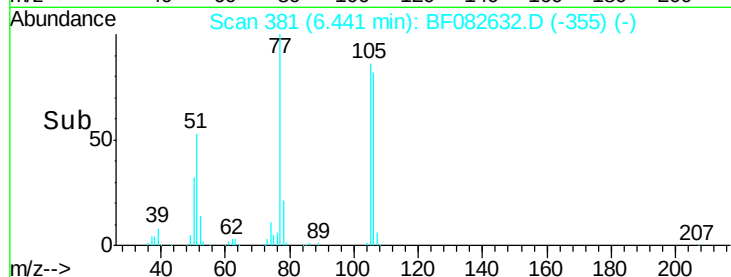
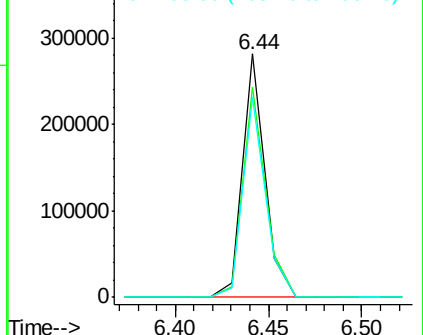
106 82.0 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.59 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

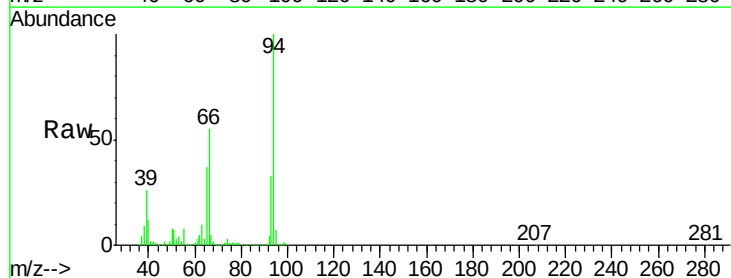
Tgt Ion: 94 Resp: 851135

Ion Ratio Lower Upper

94 100

65 37.0 18.9 58.9

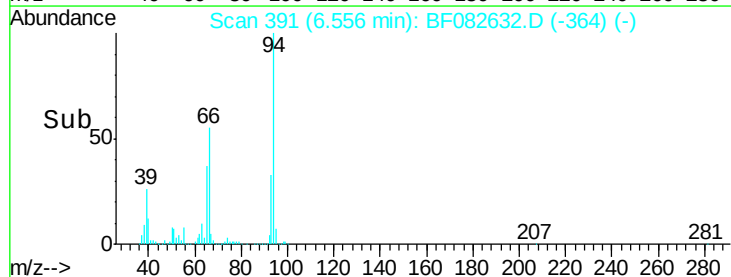
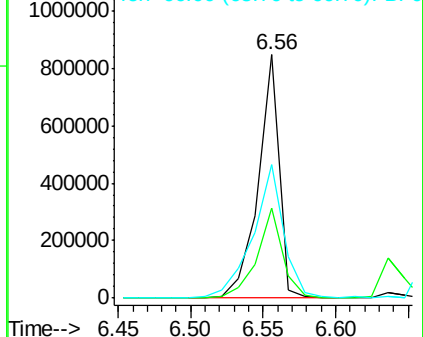
66 54.7 34.9 74.9

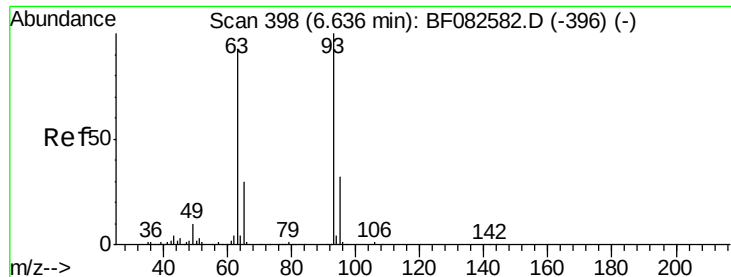


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

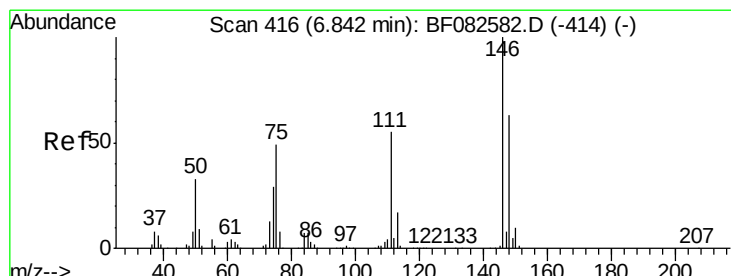
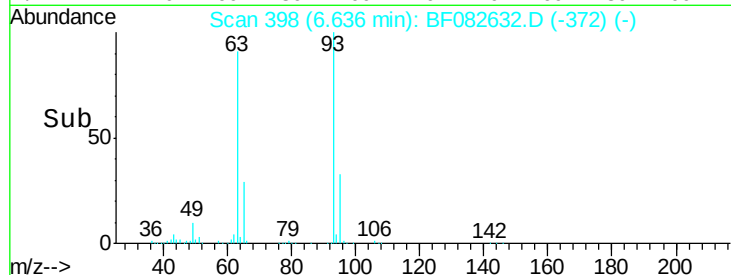
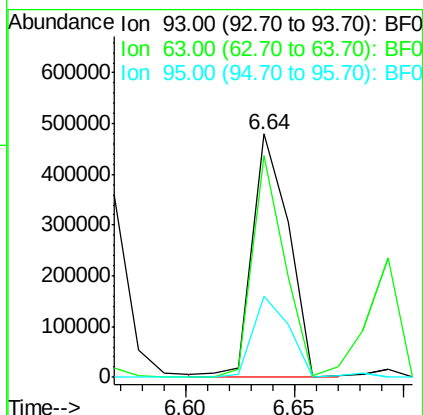
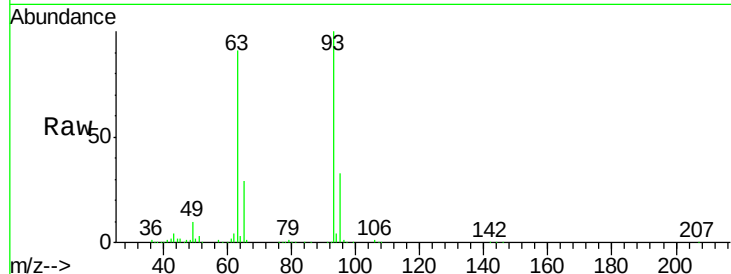




#11
bis(2-Chloroethyl)ether
Concen: 32.74 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

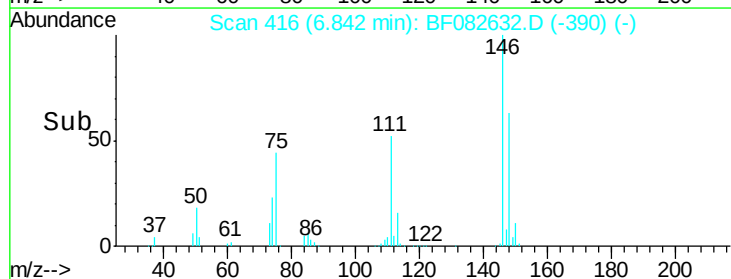
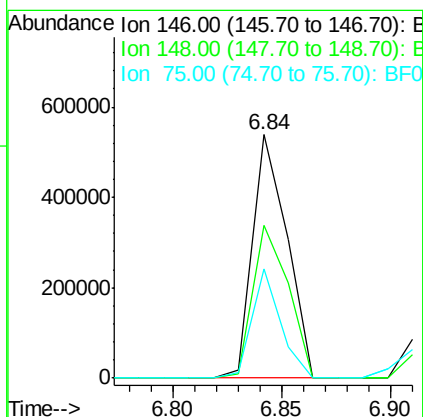
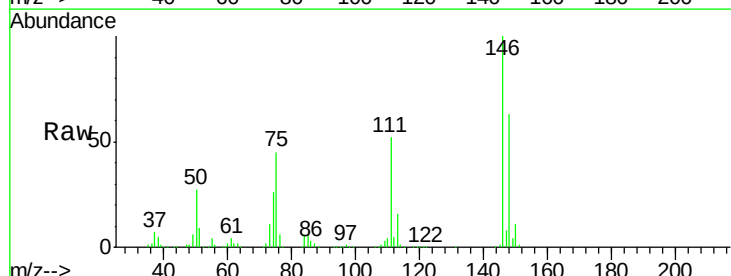
Instrument :
BNA_F
ClientSampleId :
PB86353BS

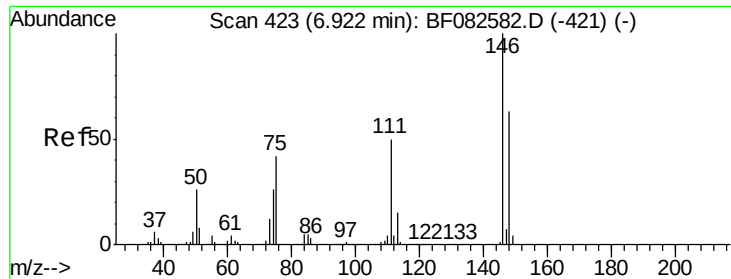
Tgt Ion: 93 Resp: 561885
Ion Ratio Lower Upper
93 100
63 91.1 72.7 112.7
95 33.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 31.07 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion: 146 Resp: 592302
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
75 45.1 39.5 59.3

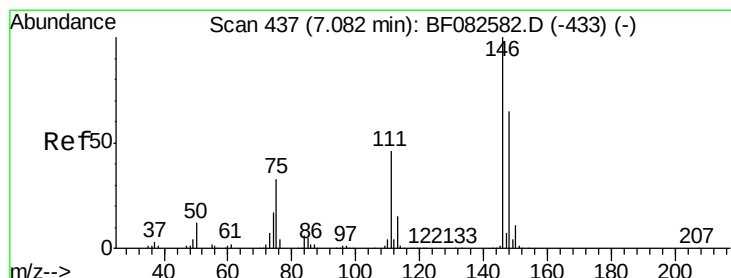
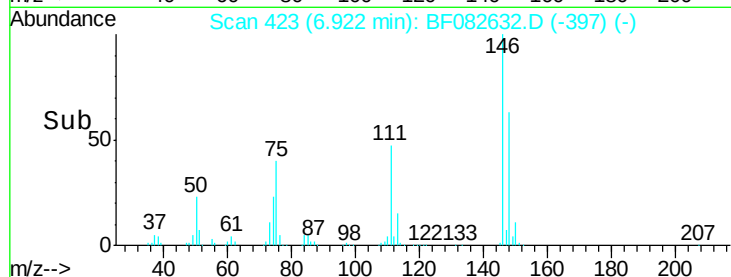
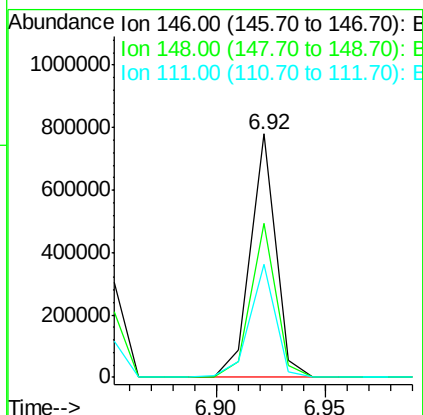
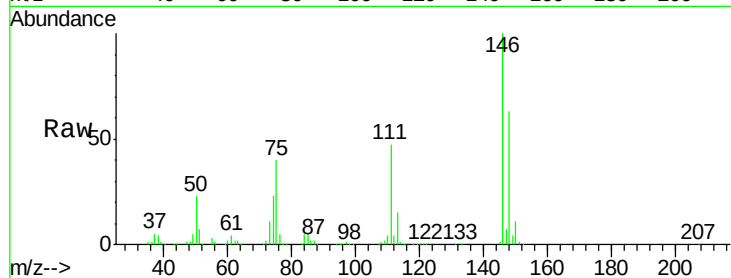




#13
 1,4-Dichlorobenzene
 Concen: 33.39 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

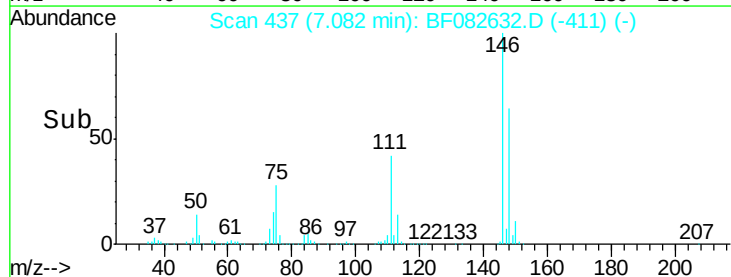
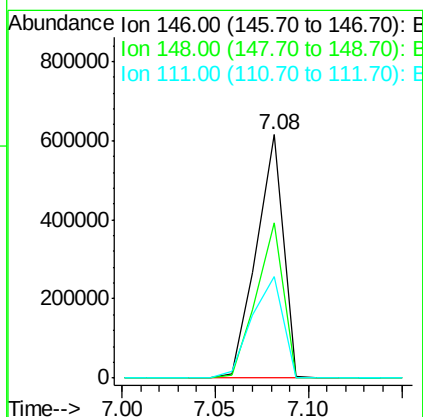
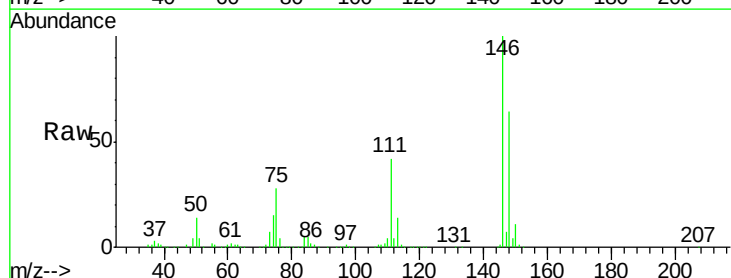
Instrument :
 BNA_F
 ClientSampleId :
 PB86353BS

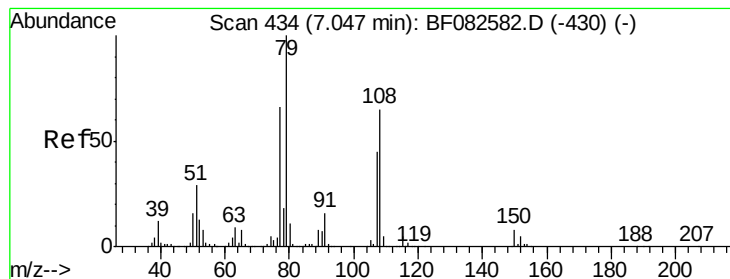
Tgt Ion:146 Resp: 631323
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 46.6 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 34.94 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Tgt Ion:146 Resp: 613253
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.4
 111 41.9 36.6 55.0





#15

Benzyl Alcohol

Concen: 32.76 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

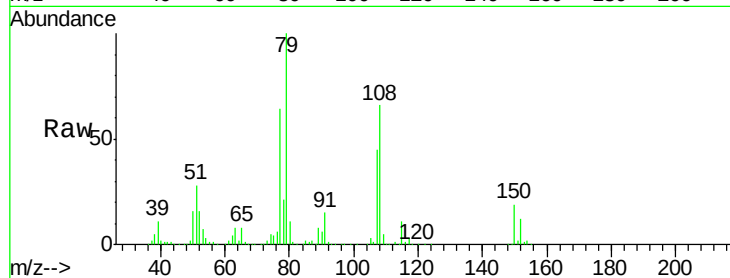
Tgt Ion: 79 Resp: 627068

Ion Ratio Lower Upper

79 100

108 66.0 52.2 78.4

77 64.2 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

7.05

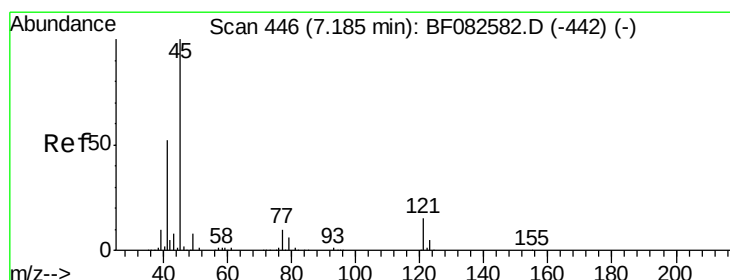
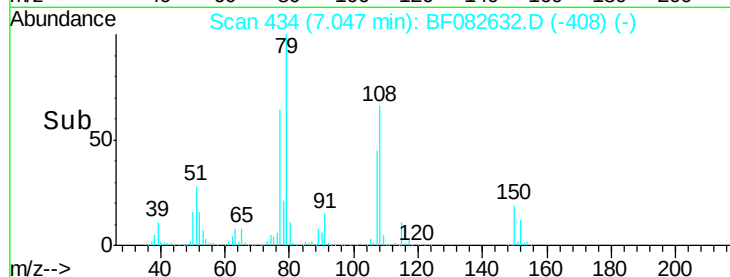
600000

400000

200000

0

Time--> 6.95 7.00 7.05 7.10 7.15



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.44 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

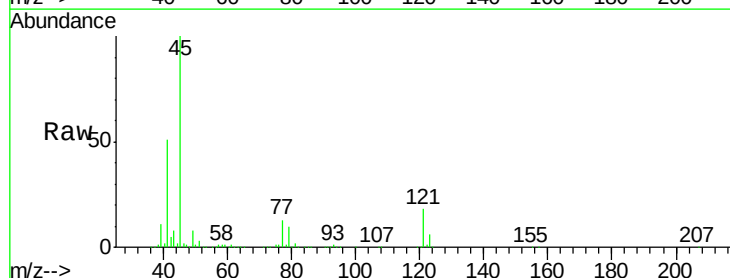
Tgt Ion: 45 Resp: 912062

Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.6

79 10.2 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

7.18

800000

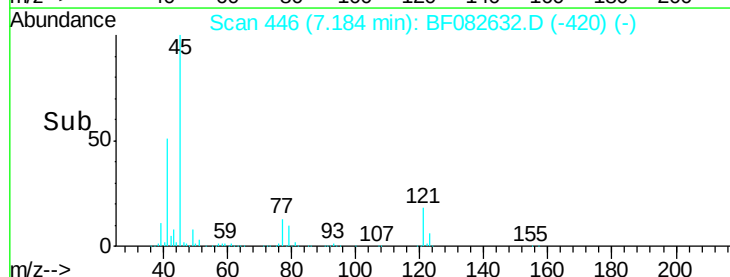
600000

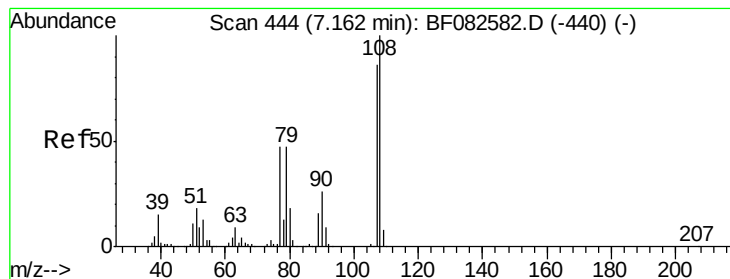
400000

200000

0

Time--> 7.10 7.15 7.20 7.25





#17

2-Methylphenol

Concen: 34.75 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

Tgt Ion:107 Resp: 493991

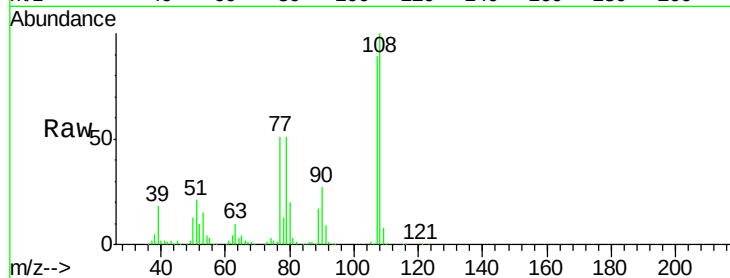
Ion Ratio Lower Upper

107 100

108 112.5 93.0 139.4

77 57.1 44.1 66.1

79 57.4 43.6 65.4



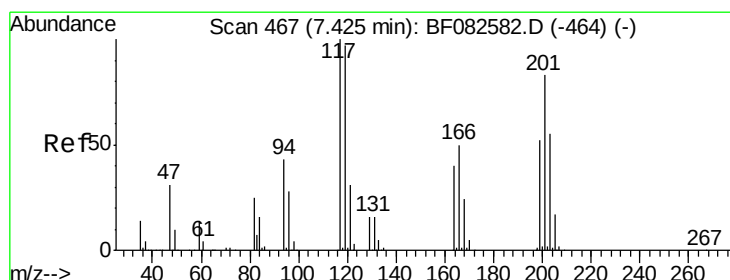
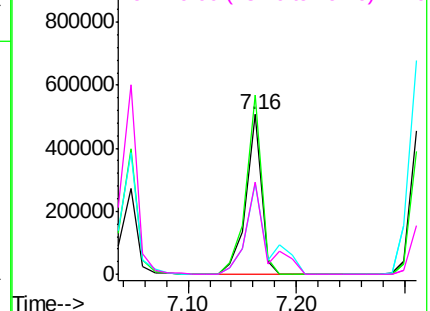
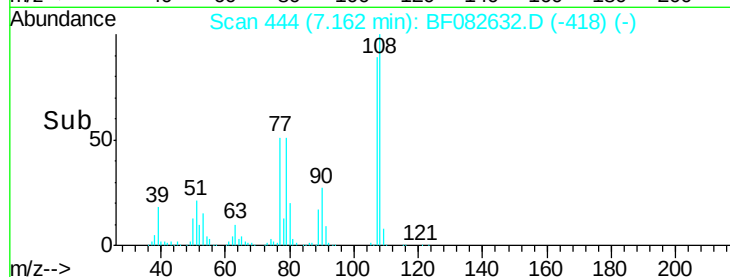
Abundance

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: 32.92 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

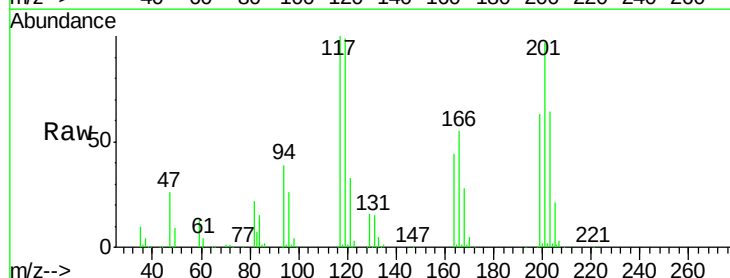
Tgt Ion:117 Resp: 242898

Ion Ratio Lower Upper

117 100

119 98.6 77.7 116.5

201 97.5 66.7 100.1

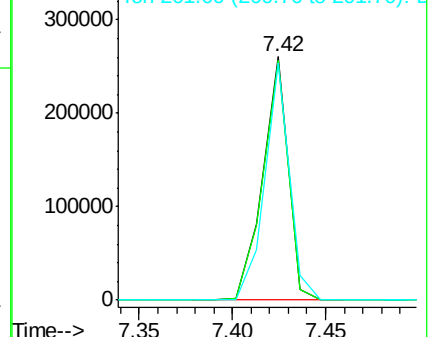
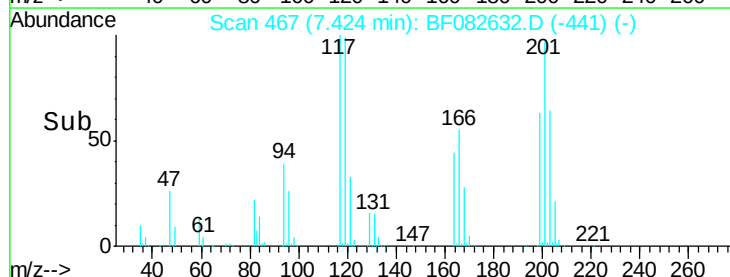


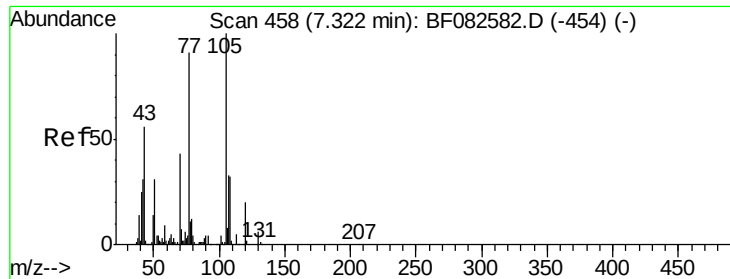
Abundance

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

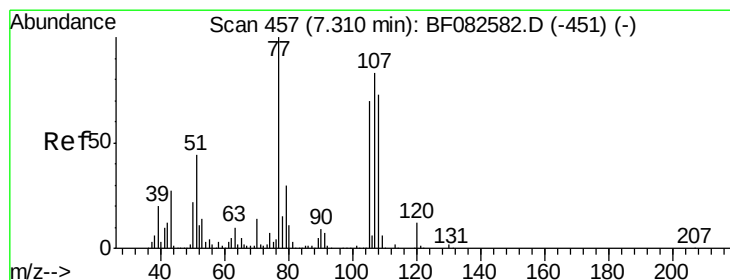
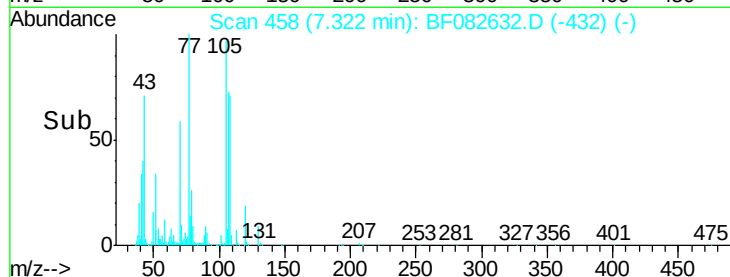
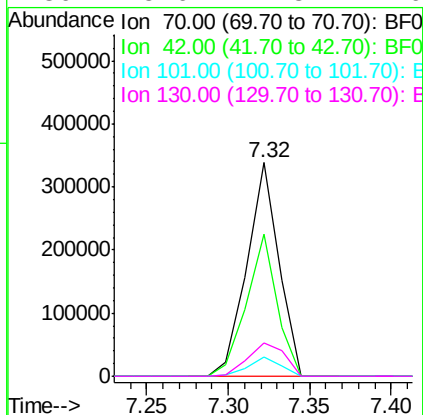
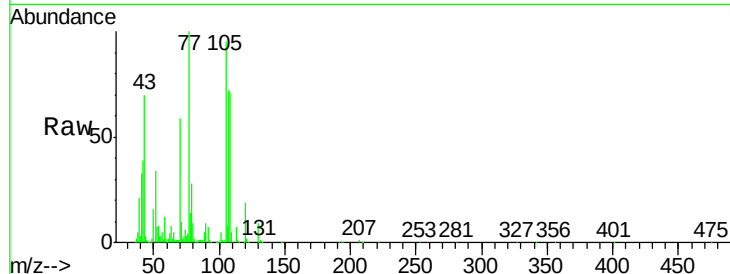




#19
n-Nitroso-di-n-propylamine
Concen: 29.56 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

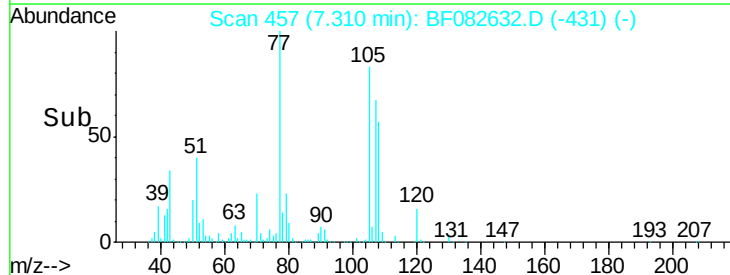
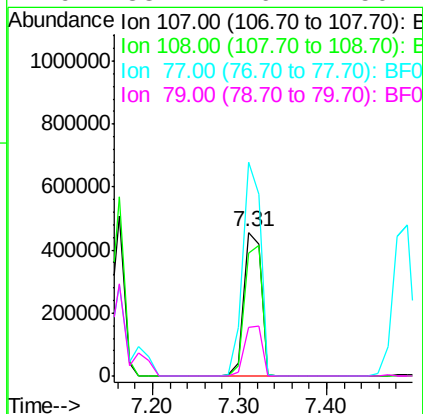
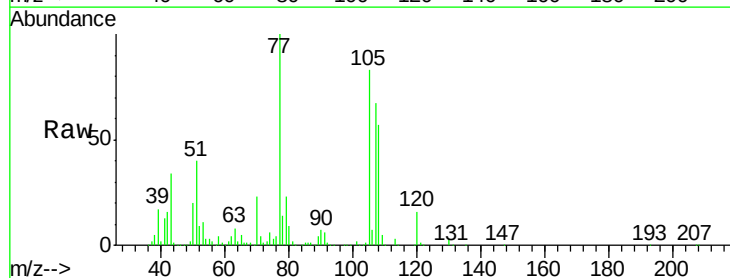
Instrument :
BNA_F
ClientSampleId :
PB86353BS

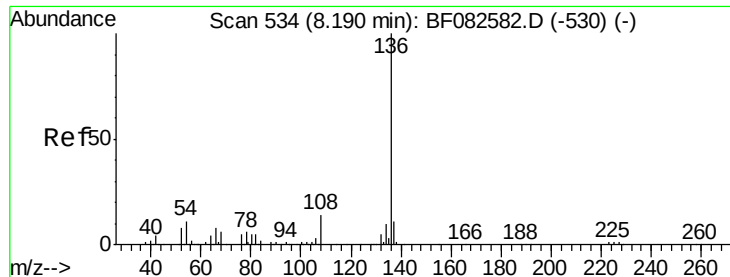
Tgt Ion:	70	Resp:	460027
Ion	Ratio	Lower	Upper
70	100		
42	66.8	57.7	86.5
101	8.9	7.0	10.6
130	15.6	11.8	17.6



#20
3+4-Methylphenols
Concen: 34.38 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion:	107	Resp:	635127
Ion	Ratio	Lower	Upper
107	100		
108	85.1	67.3	107.3
77	148.4	100.3	140.3
79	33.7	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: BF082632.D

Acq: 31 Oct 2015 20:25

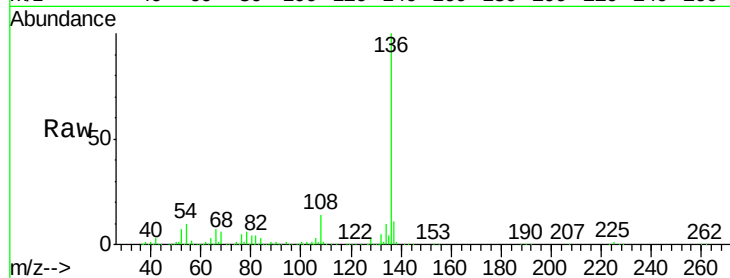
Instrument :

BNA_F

ClientSampleId :

PB86353BS

Tgt Ion:	136	Resp:	898350
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.5	9.1	13.7
68	6.0	4.8	7.2

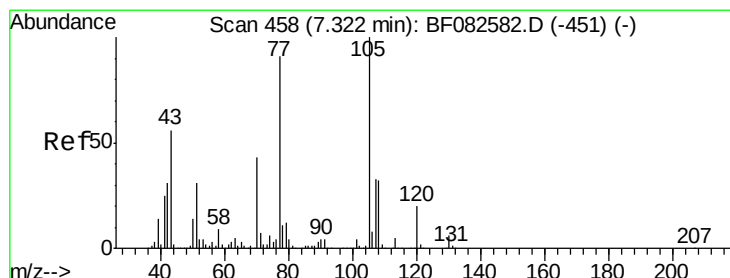
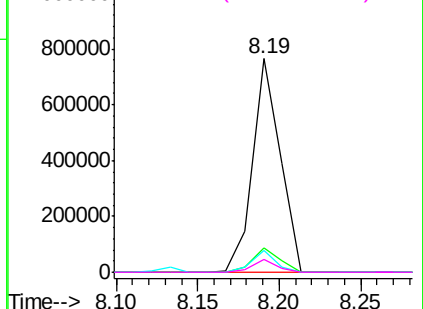
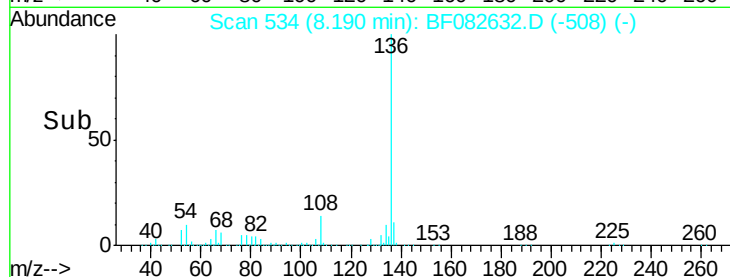


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.04 ng

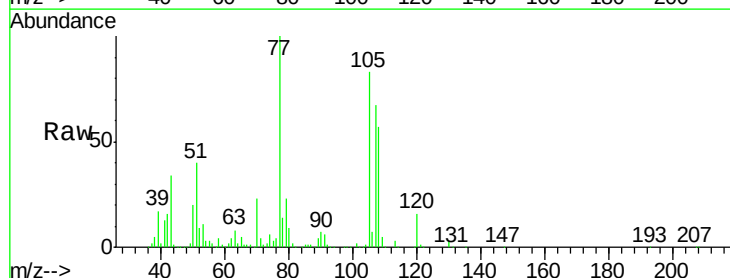
RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Tgt Ion:	105	Resp:	873917
Ion	Ratio	Lower	Upper
105	100		
71	4.4	5.6	8.4#
51	47.8	24.9	37.3#
120	19.5	15.8	23.8

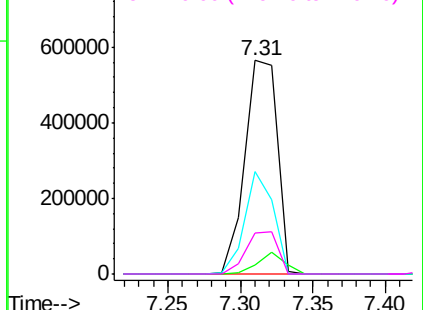
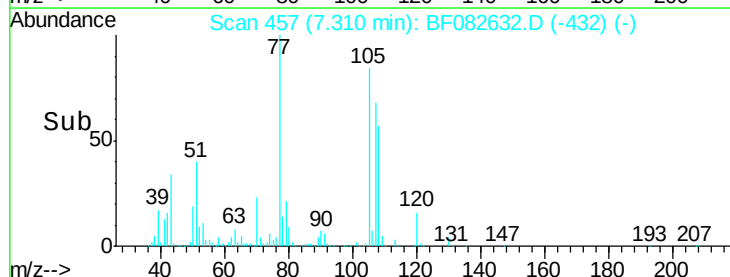


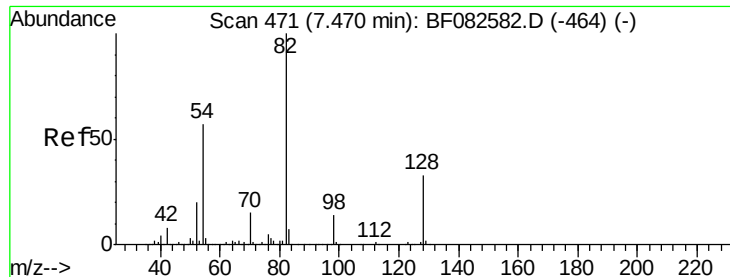
Abundance Ion 105.00 (104.70 to 105.70): E

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

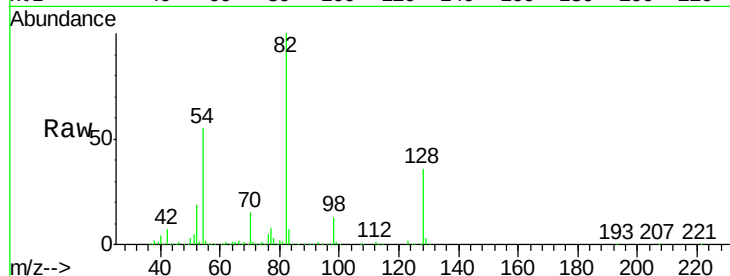




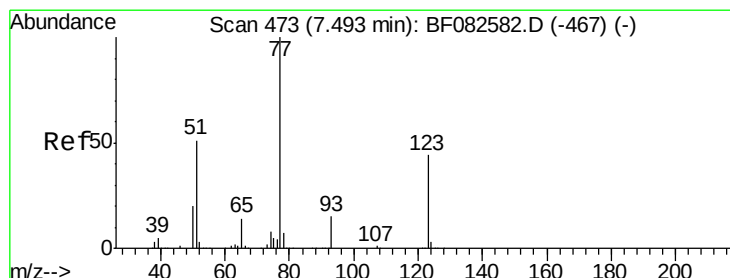
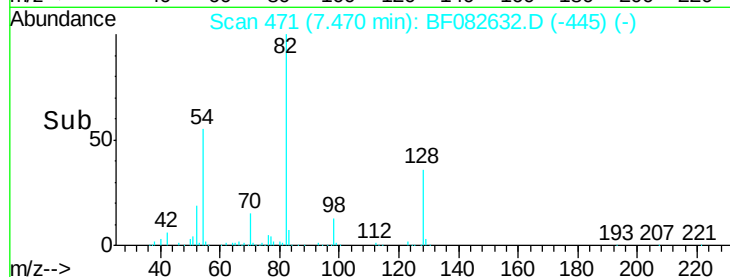
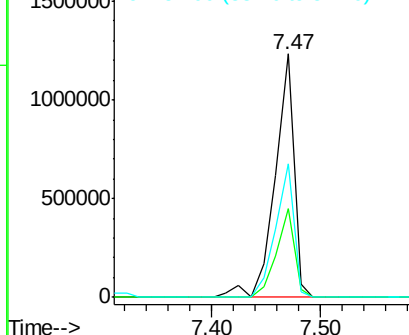
#23
Nitrobenzene-d5
Concen: 67.93 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Instrument :
BNA_F
ClientSampleId :
PB86353BS

Tgt Ion: 82 Resp: 1494523
Ion Ratio Lower Upper
82 100
128 36.3 26.8 40.2
54 54.6 45.7 68.5

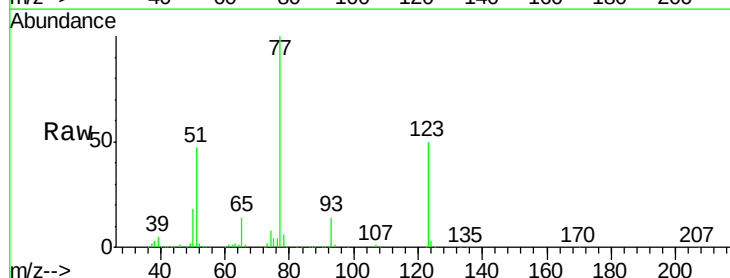


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

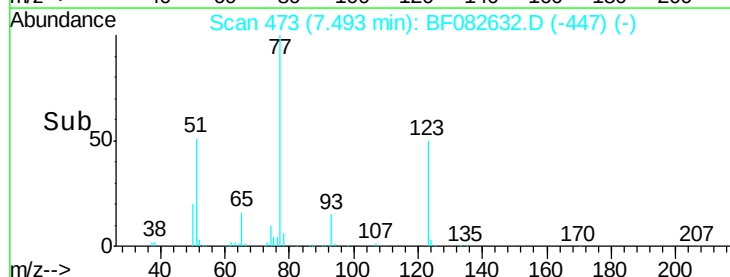
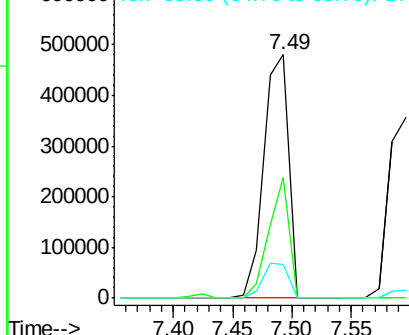


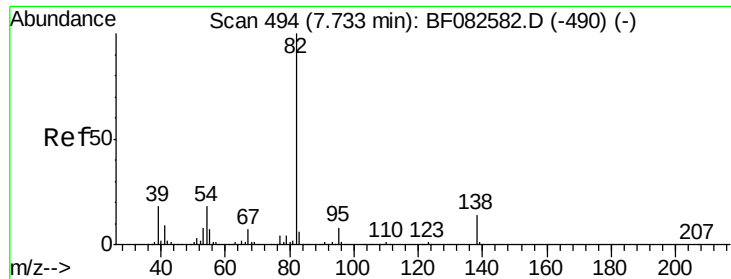
#24
Nitrobenzene
Concen: 31.63 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion: 77 Resp: 703416
Ion Ratio Lower Upper
77 100
123 49.5 36.4 54.6
65 13.8 11.5 17.3



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





#25

Isophorone

Concen: 31.92 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

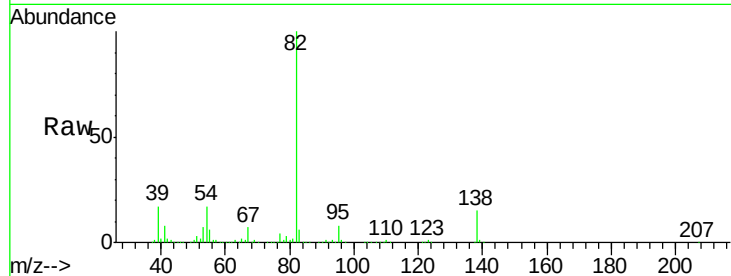
Tgt Ion: 82 Resp: 1292040

Ion Ratio Lower Upper

82 100

95 7.9 6.6 9.8

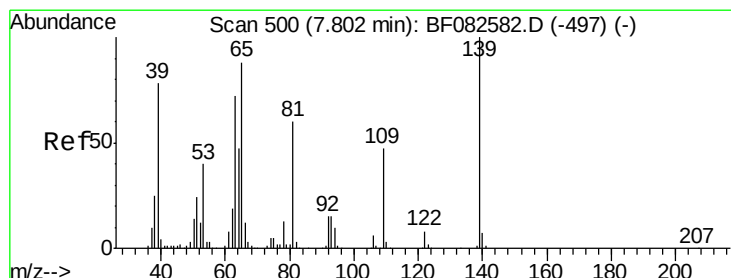
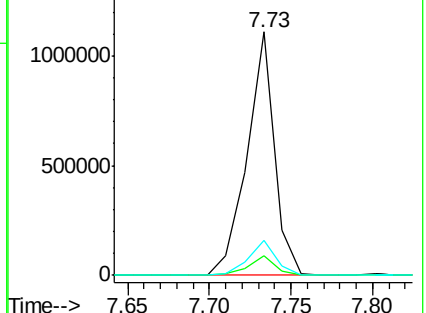
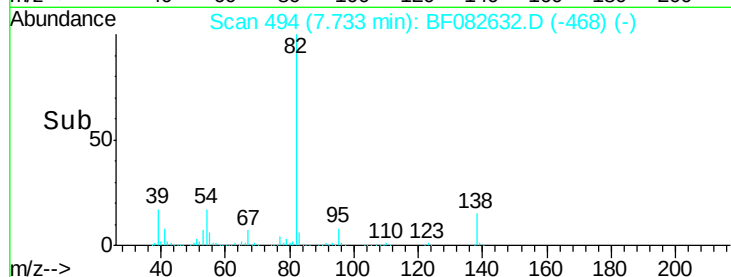
138 14.5 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 33.70 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

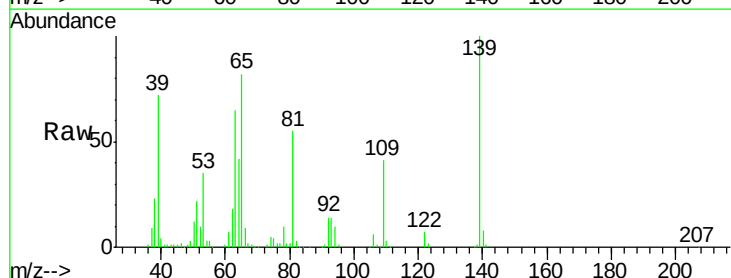
Tgt Ion: 139 Resp: 273715

Ion Ratio Lower Upper

139 100

109 41.4 37.6 56.4

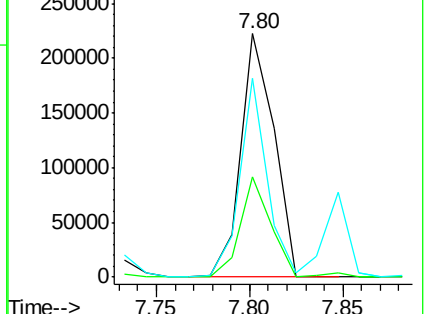
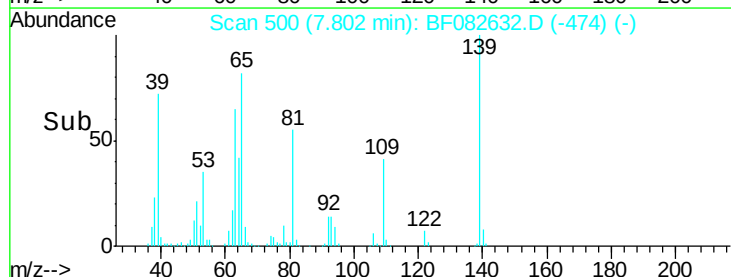
65 81.8 70.6 105.8

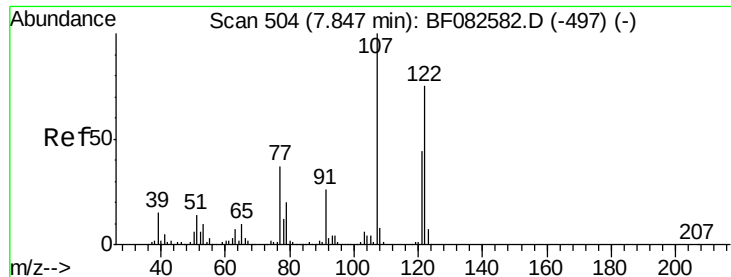


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.66 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

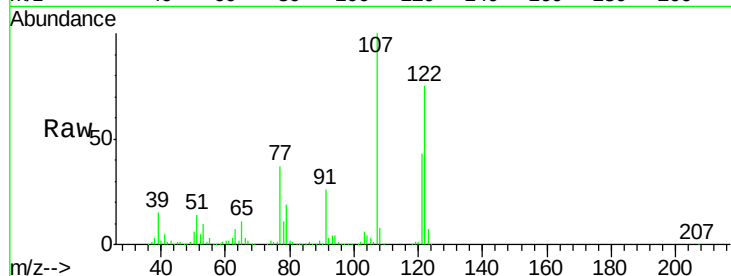
Tgt Ion:122 Resp: 549514

Ion Ratio Lower Upper

122 100

107 132.5 106.0 159.0

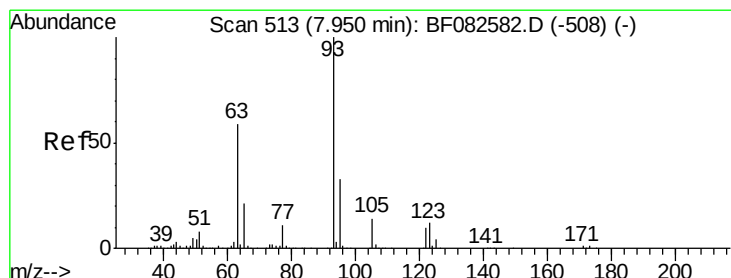
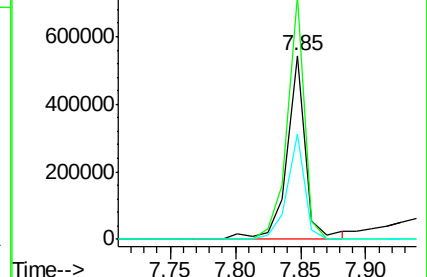
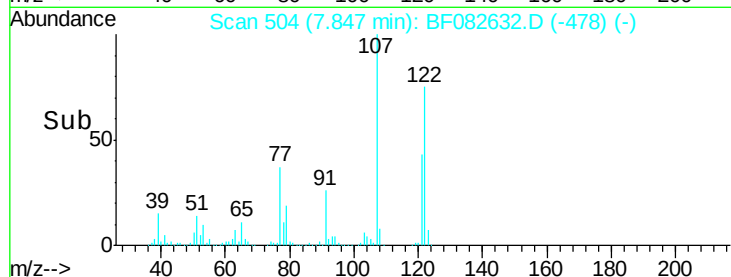
121 57.0 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.96 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

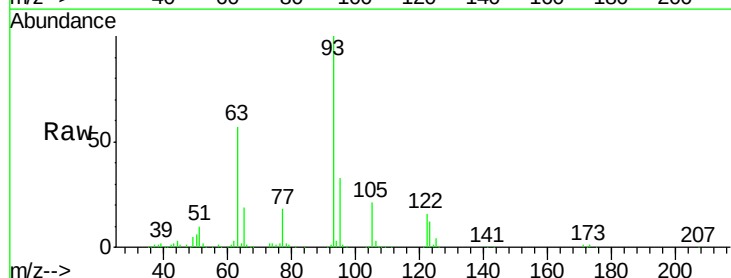
Tgt Ion: 93 Resp: 729735

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

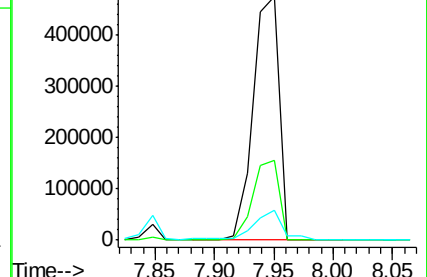
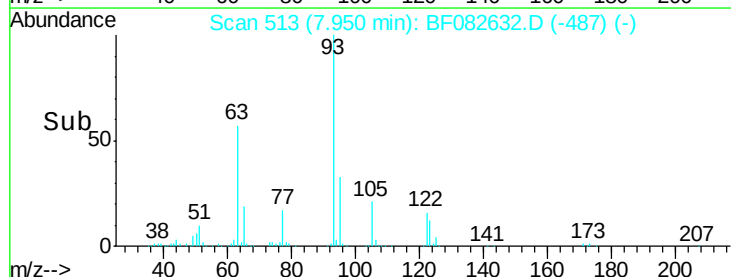
123 12.5 9.7 14.5

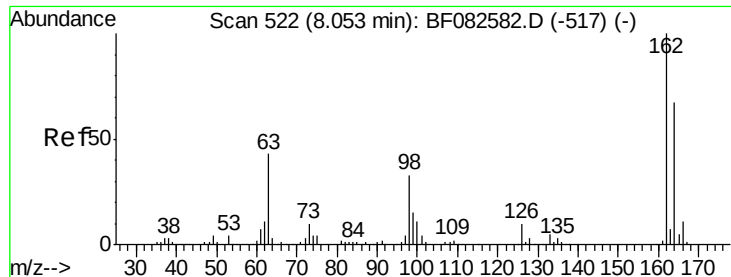


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

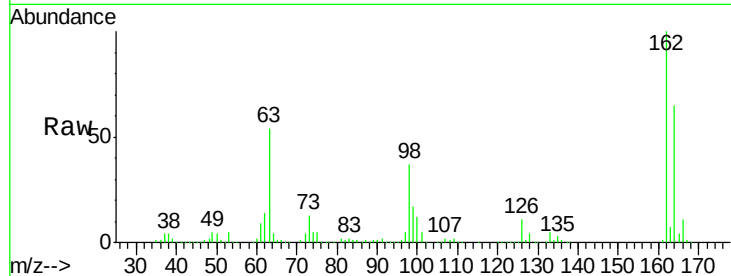




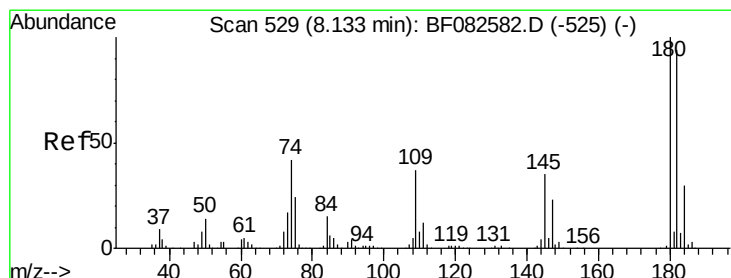
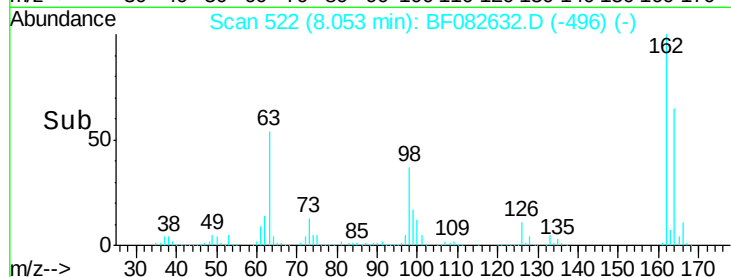
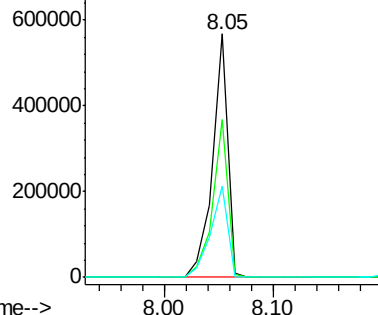
#29
 2,4-Dichlorophenol
 Concen: 37.22 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB86353BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.8	86.8
98	37.4	12.5	52.5

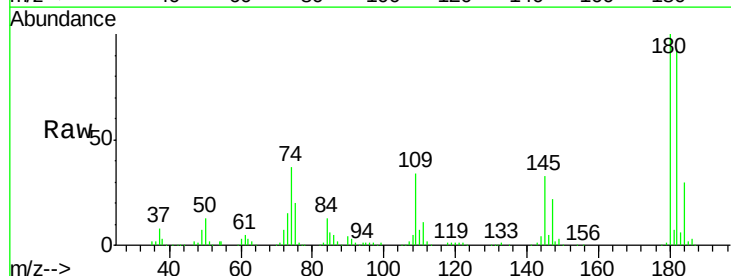


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

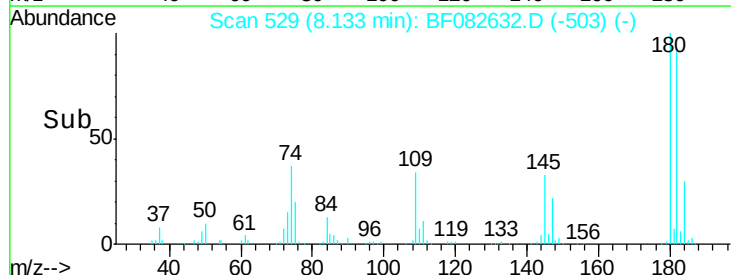
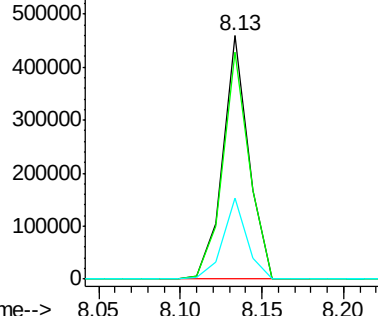


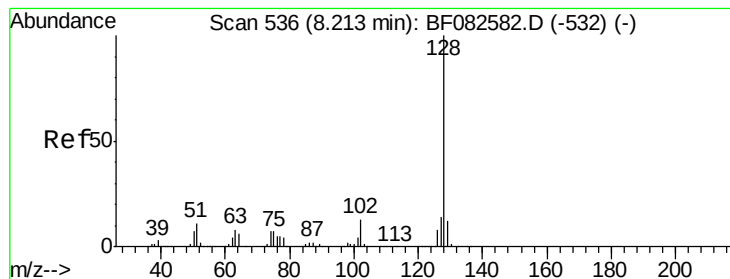
#30
 1,2,4-Trichlorobenzene
 Concen: 31.54 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	74.9	112.3
145	33.3	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: 30.44 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

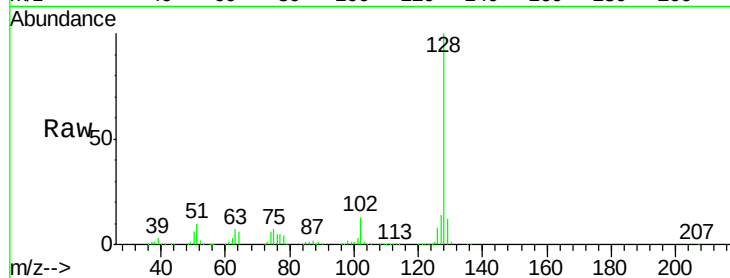
Tgt Ion:128 Resp: 1479556

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

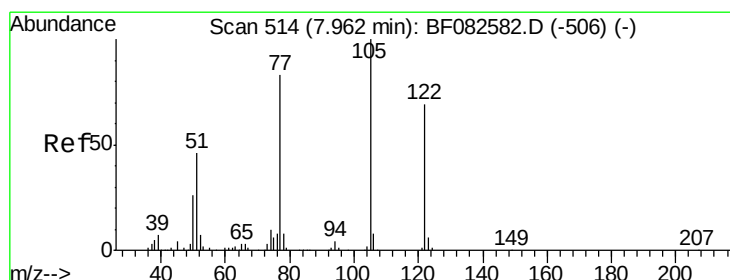
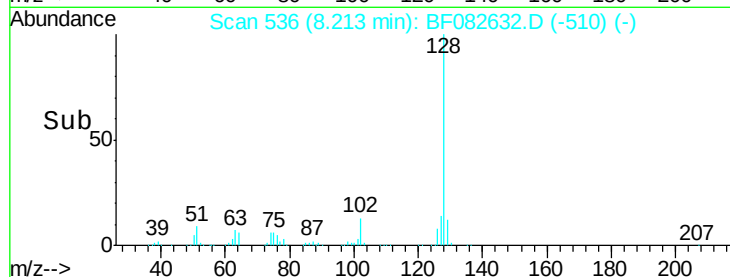
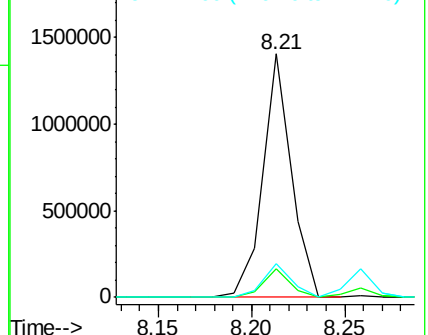
127 13.8 11.4 17.0



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: 31.84 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.01 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

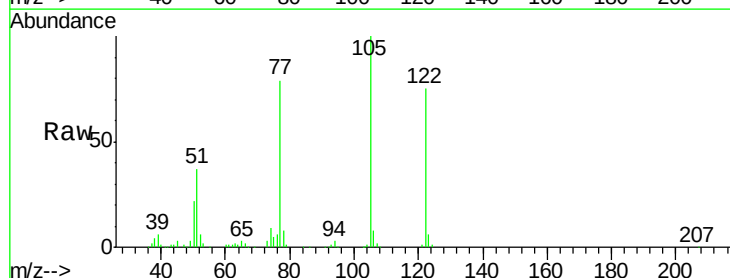
Tgt Ion:122 Resp: 366299

Ion Ratio Lower Upper

122 100

105 133.5 122.6 162.6

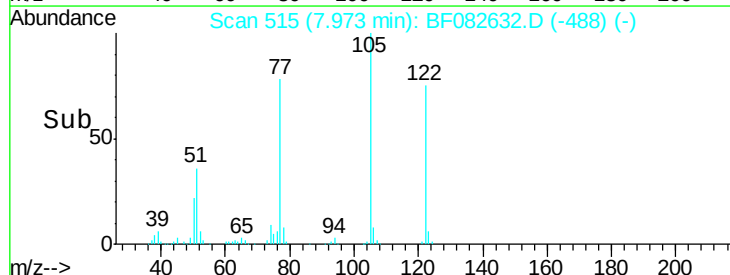
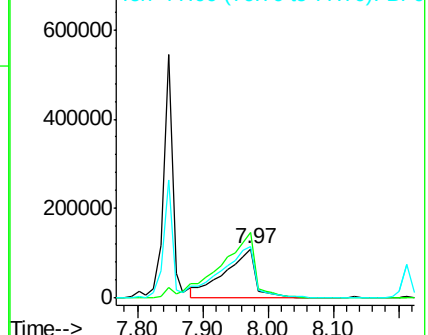
77 105.2 100.9 140.9

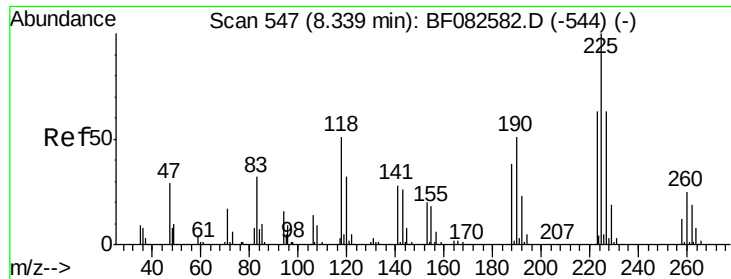


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

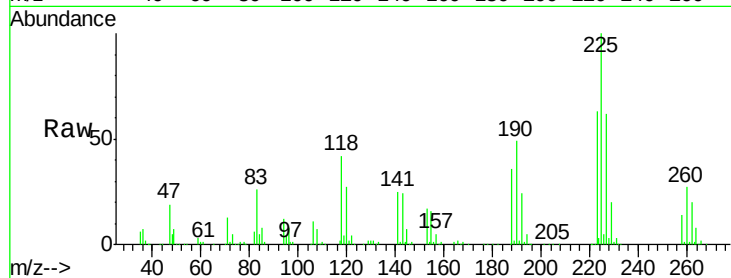




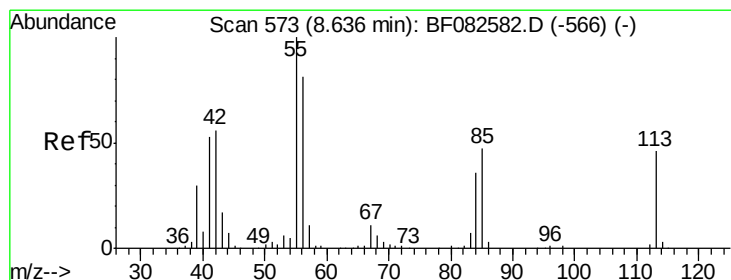
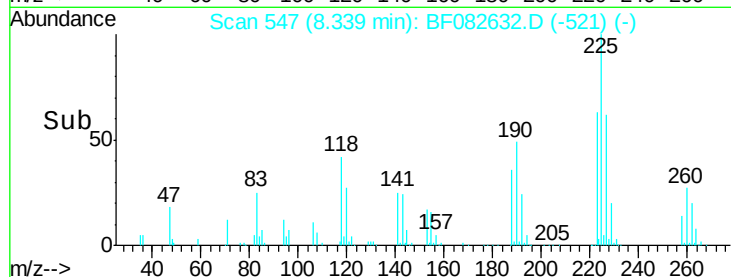
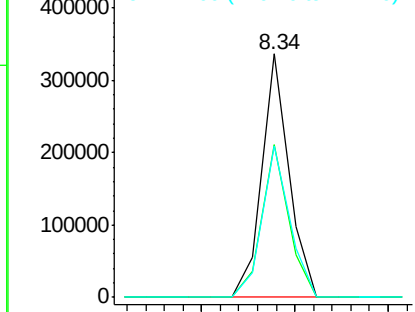
#34
Hexachlorobutadiene
Concen: 33.02 ng
RT: 8.34 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Instrument :
BNA_F
ClientSampleId :
PB86353BS

Tgt Ion: 225 Resp: 336807
Ion Ratio Lower Upper
225 100
223 62.7 50.5 75.7
227 62.0 50.2 75.2

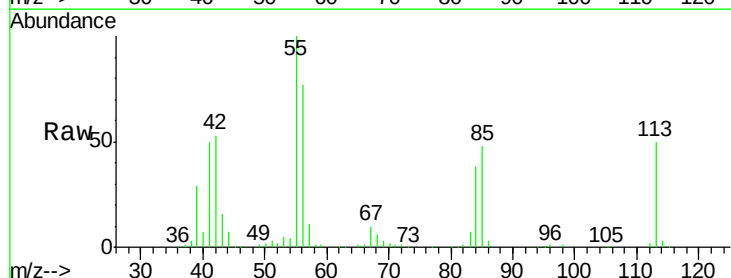


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

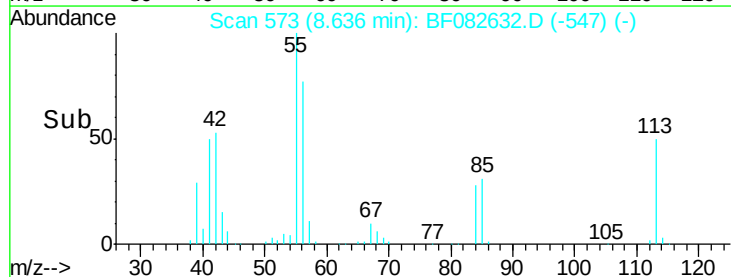
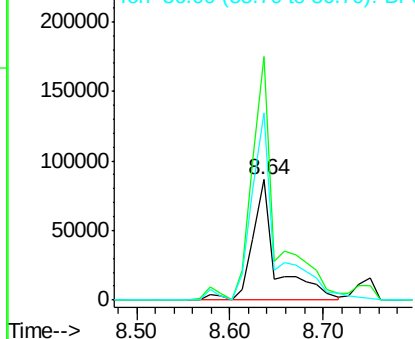


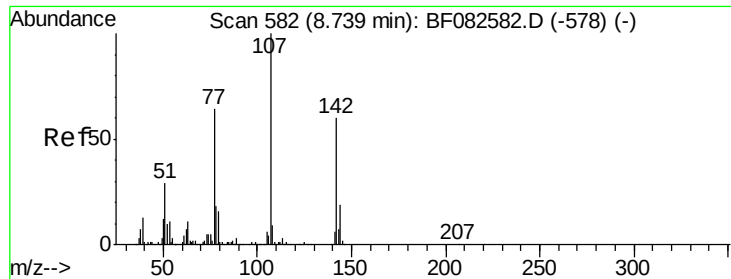
#35
Caprolactam
Concen: 34.93 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion: 113 Resp: 154882
Ion Ratio Lower Upper
113 100
55 201.8 195.5 235.5
56 155.4 153.5 193.5



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

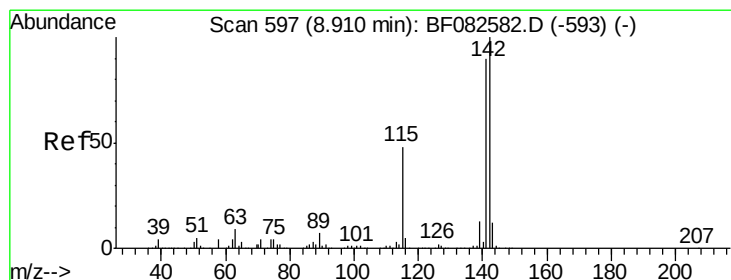
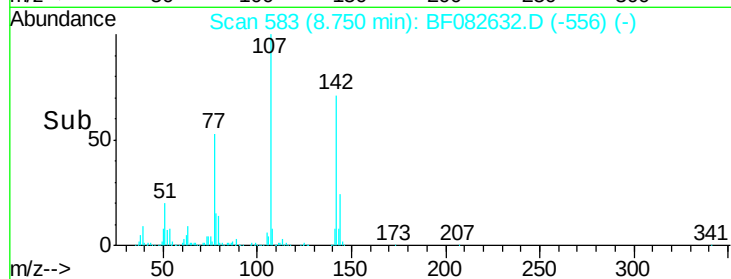
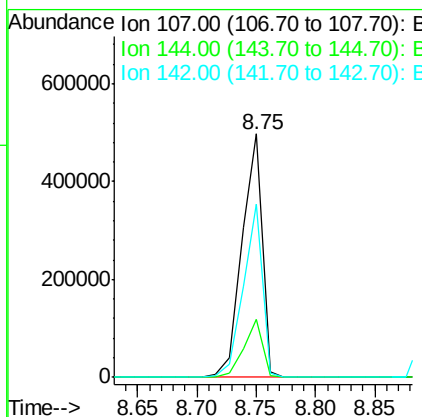
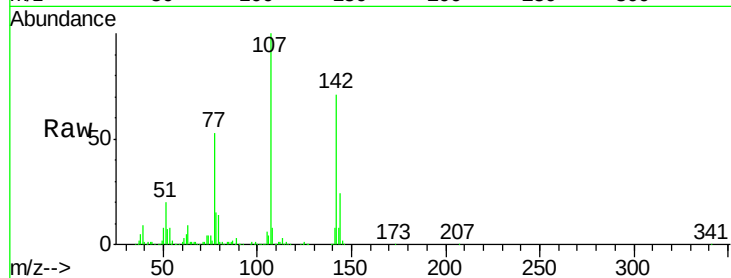




#36
4-Chloro-3-methylphenol
Concen: 34.88 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

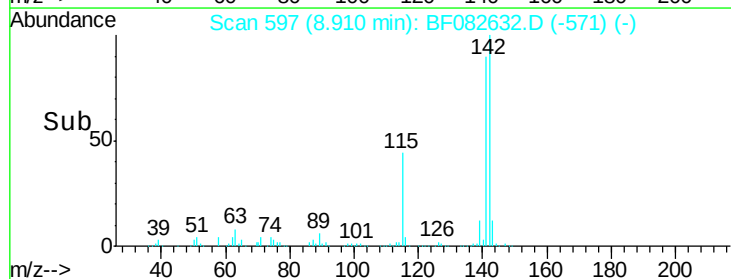
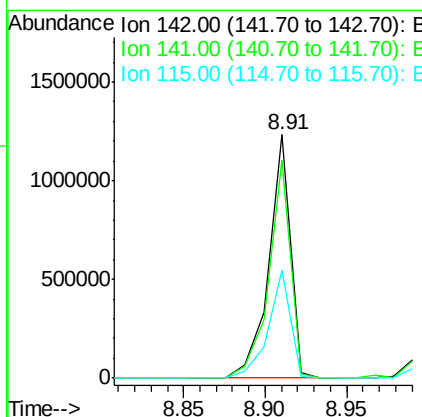
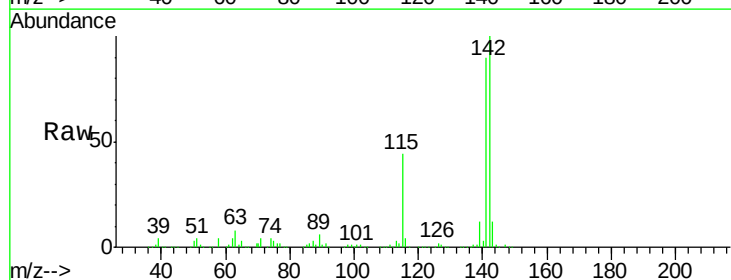
Instrument :
BNA_F
ClientSampleId :
PB86353BS

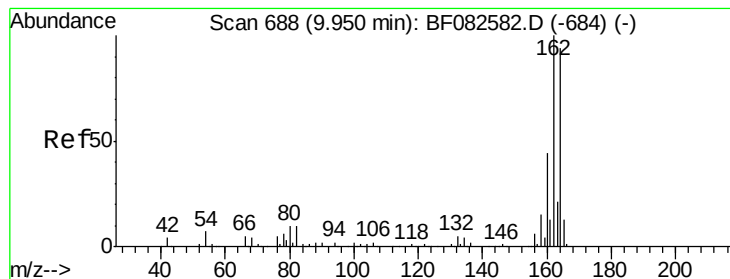
Tgt Ion:107 Resp: 593639
Ion Ratio Lower Upper
107 100
144 23.6 15.4 23.0#
142 71.4 47.8 71.8



#37
2-Methylnaphthalene
Concen: 36.18 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion:142 Resp: 1139843
Ion Ratio Lower Upper
142 100
141 89.8 72.3 108.5
115 44.2 38.1 57.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

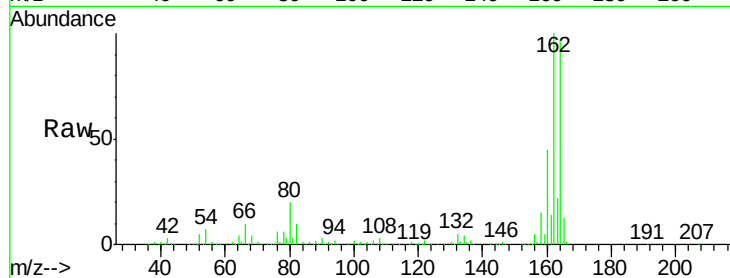
Tgt Ion:164 Resp: 458396

Ion Ratio Lower Upper

164 100

162 103.1 84.9 127.3

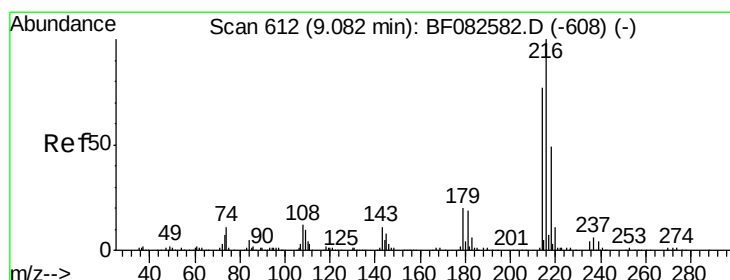
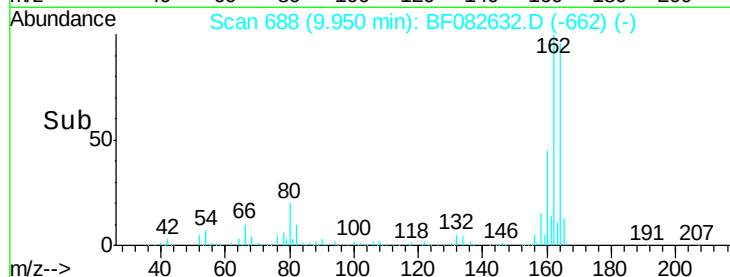
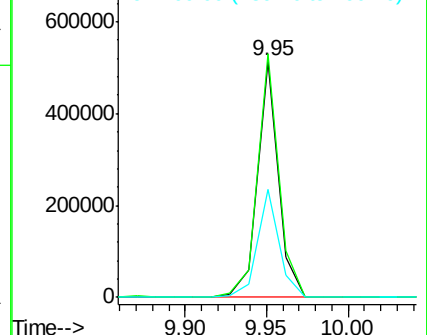
160 46.0 37.5 56.3



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: 36.00 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Tgt Ion:216 Resp: 550728

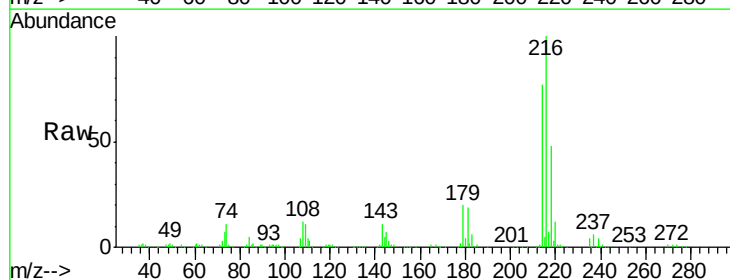
Ion Ratio Lower Upper

216 100

214 78.7 62.2 93.2

179 21.9 18.1 27.1

108 21.2 16.6 25.0

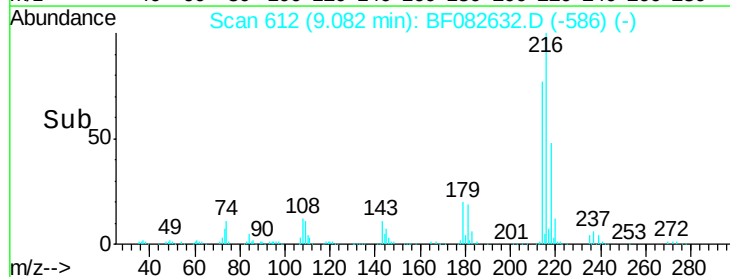
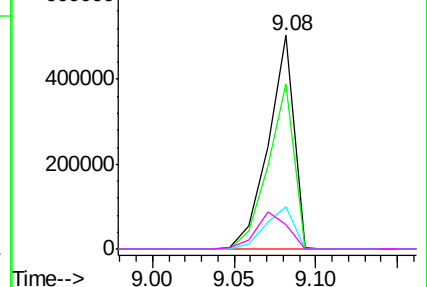


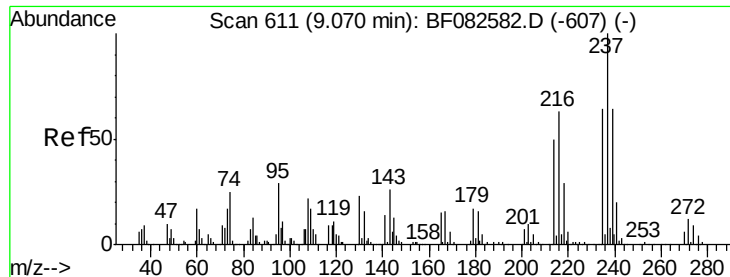
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

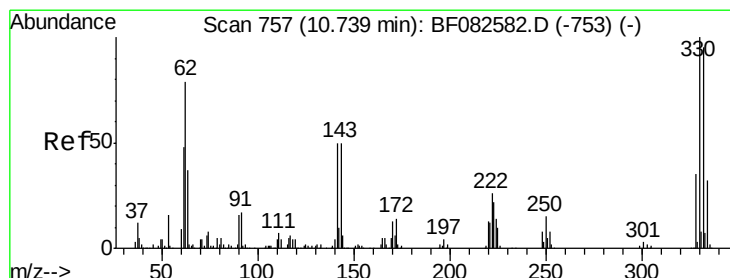
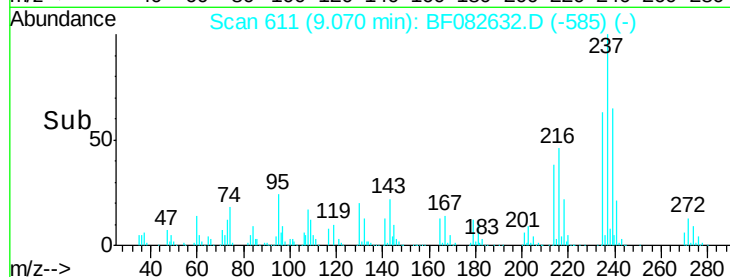
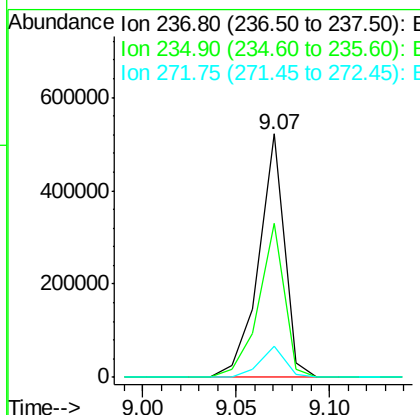
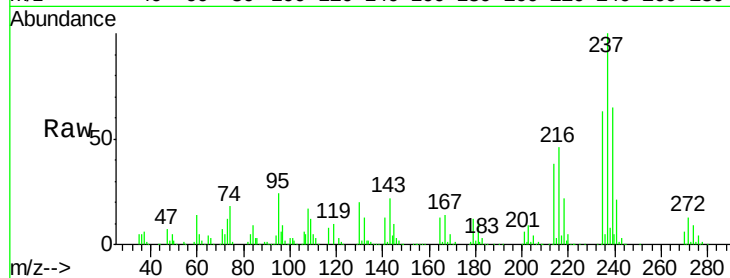




#40
Hexachlorocyclopentadiene
Concen: 51.82 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

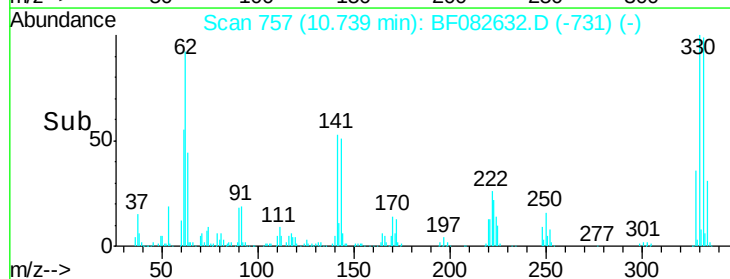
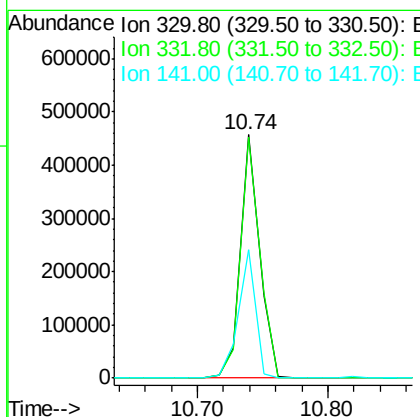
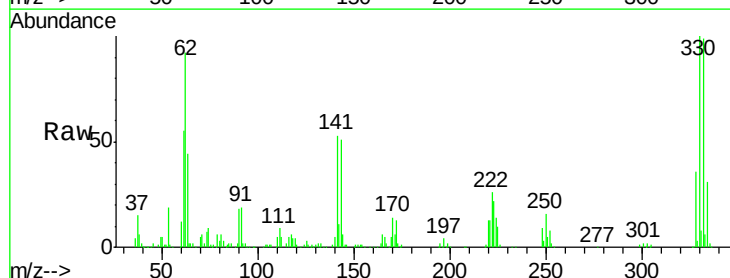
Instrument :
BNA_F
ClientSampleId :
PB86353BS

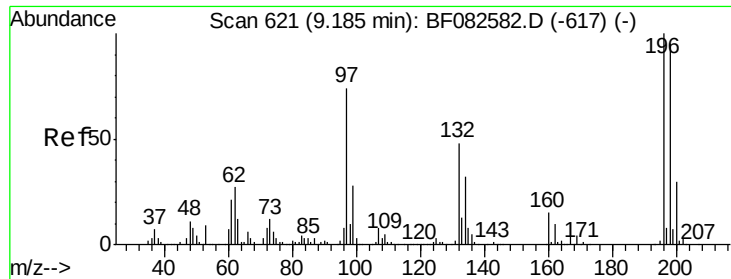
Tgt Ion: 237 Resp: 498350
Ion Ratio Lower Upper
237 100
235 63.4 44.3 84.3
272 12.6 0.0 31.9



#41
2,4,6-Tribromophenol
Concen: 92.74 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion: 330 Resp: 465267
Ion Ratio Lower Upper
330 100
332 99.8 76.6 114.8
141 46.7 41.2 61.8

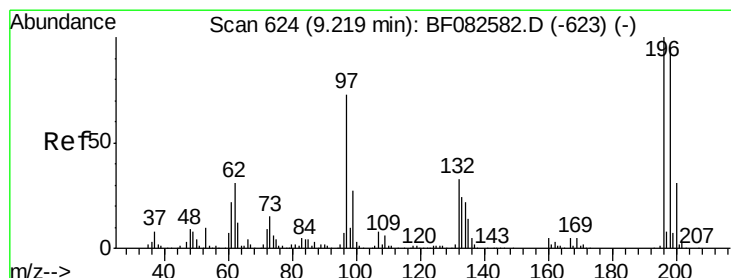
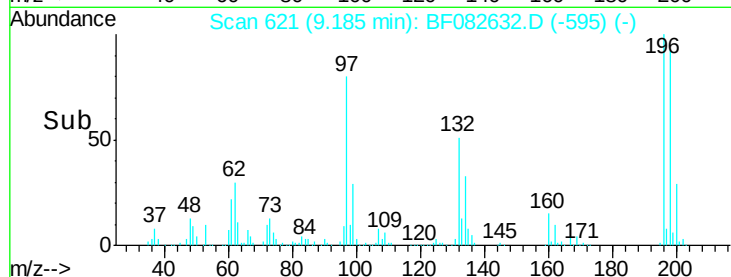
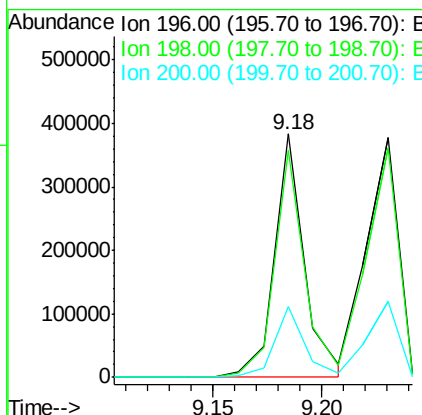
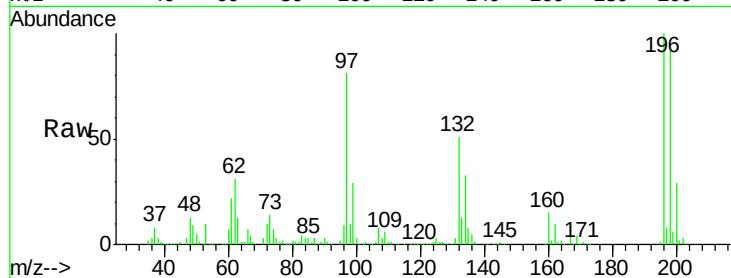




#42
 2,4,6-Trichlorophenol
 Concen: 33.50 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

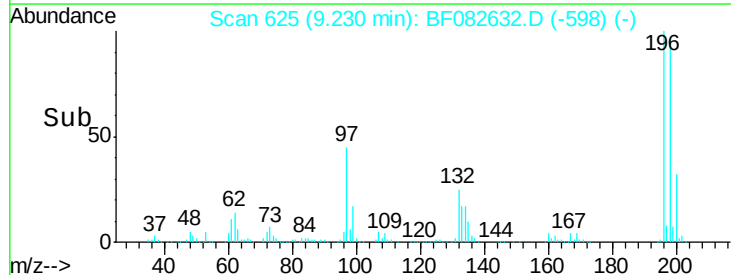
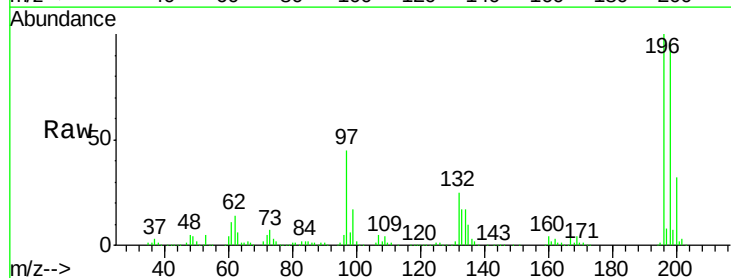
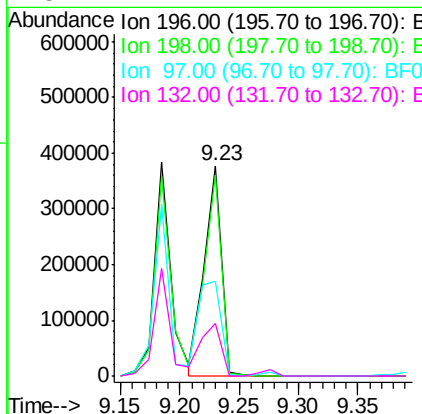
Instrument :
 BNA_F
 ClientSampleId :
 PB86353BS

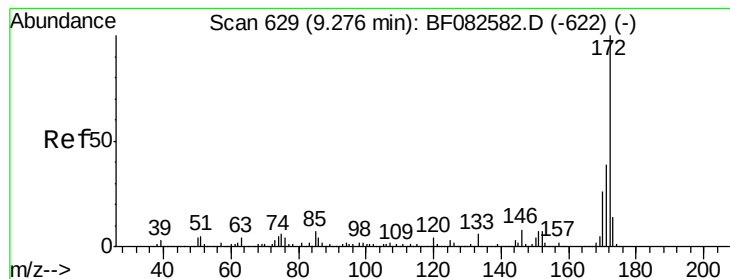
Tgt Ion:196 Resp: 370042
 Ion Ratio Lower Upper
 196 100
 198 93.2 76.3 114.5
 200 29.1 23.9 35.9



#43
 2,4,5-Trichlorophenol
 Concen: 35.07 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Tgt Ion:196 Resp: 385924
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.8 113.8
 97 45.2 62.3 93.5#
 132 24.7 27.4 41.2#





#44

2-Fluorobiphenyl

Concen: 70.06 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

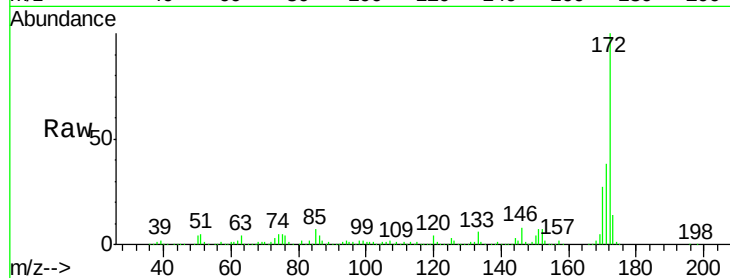
Tgt Ion:172 Resp: 2261910

Ion Ratio Lower Upper

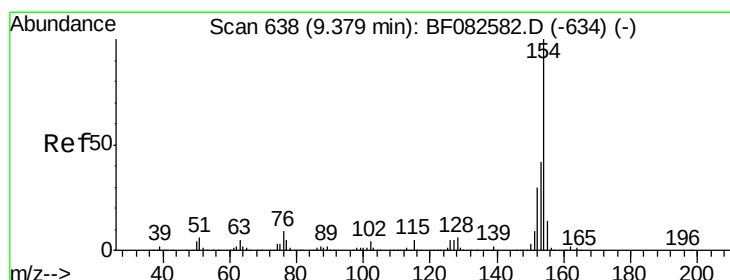
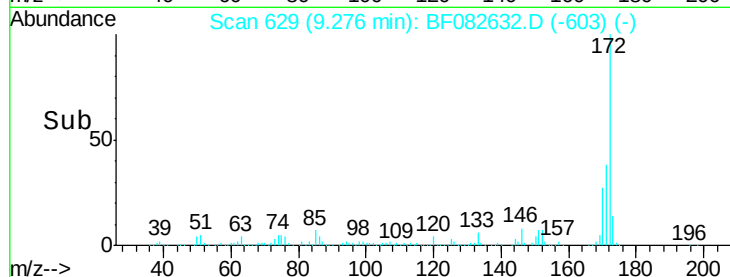
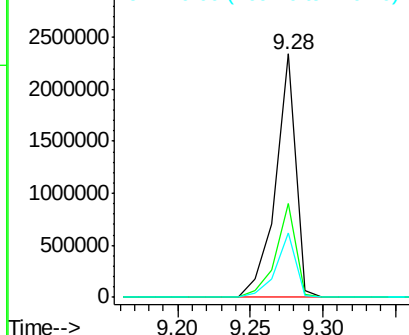
172 100

171 38.5 30.8 46.2

170 26.6 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: 35.03 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

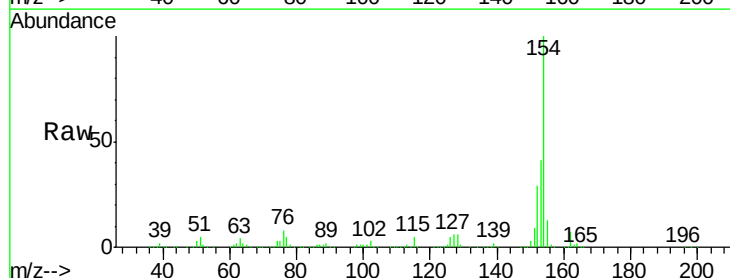
Tgt Ion:154 Resp: 1356225

Ion Ratio Lower Upper

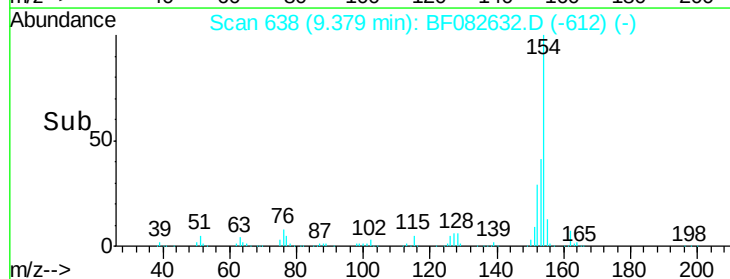
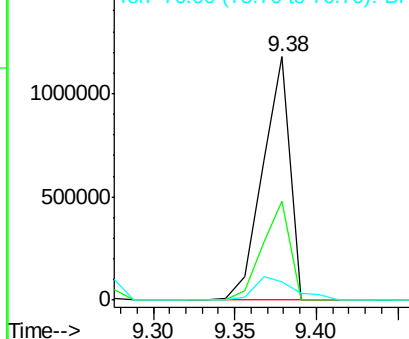
154 100

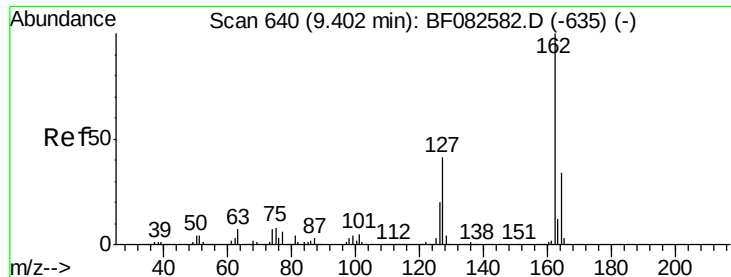
153 40.9 22.0 62.0

76 7.6 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

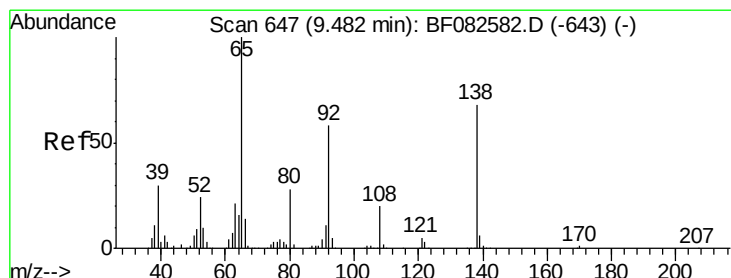
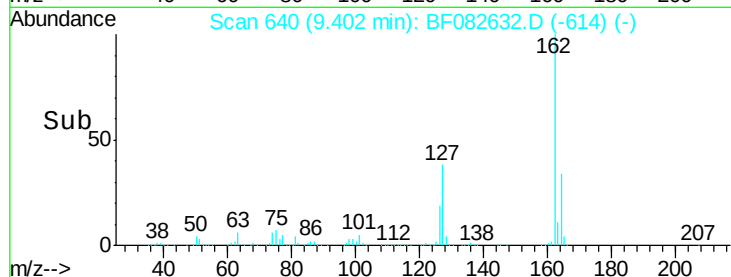
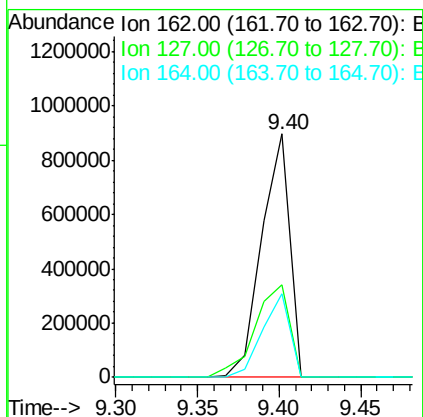
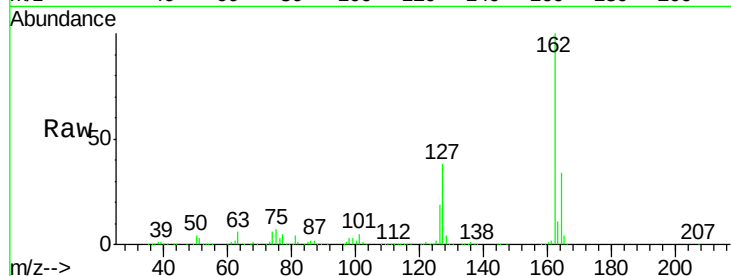




#46
 2-Chloronaphthalene
 Concen: 35.54 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

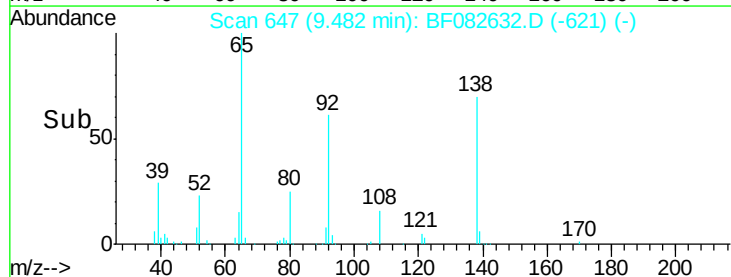
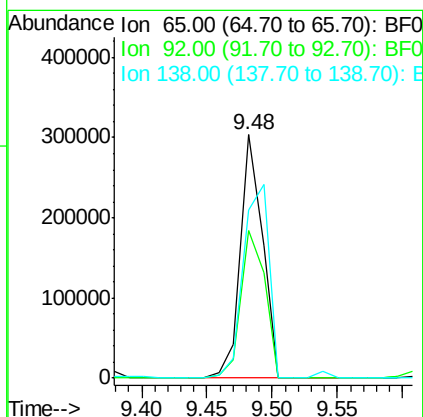
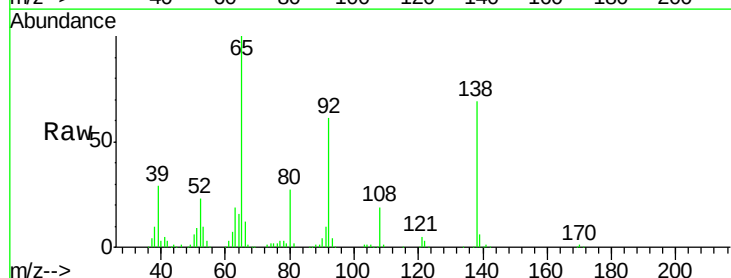
Instrument :
 BNA_F
 ClientSampleId :
 PB86353BS

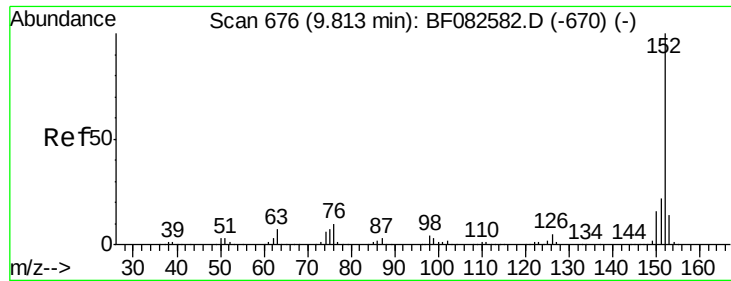
Tgt Ion: 162 Resp: 1074432
 Ion Ratio Lower Upper
 162 100
 127 37.8 32.7 49.1
 164 34.2 27.4 41.0



#47
 2-Nitroaniline
 Concen: 30.32 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Tgt Ion: 65 Resp: 356363
 Ion Ratio Lower Upper
 65 100
 92 60.6 46.6 70.0
 138 69.1 54.6 81.8





#48

Acenaphthylene

Concen: 33.17 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

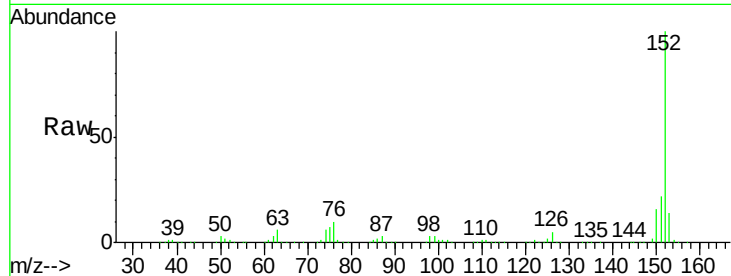
Tgt Ion:152 Resp: 1604028

Ion Ratio Lower Upper

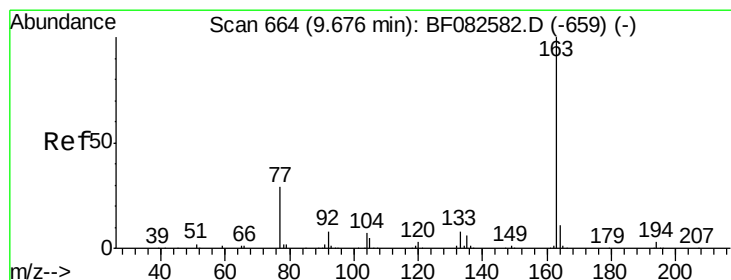
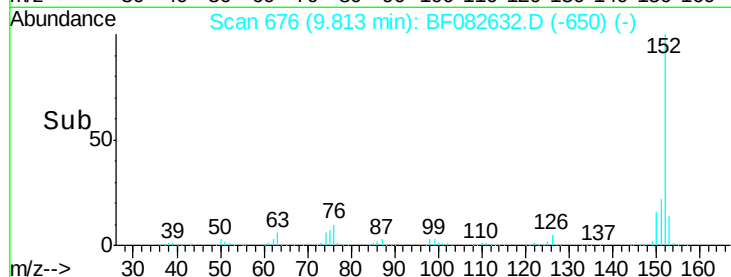
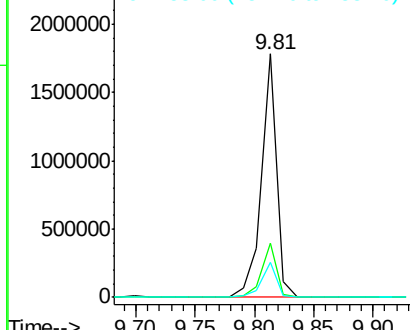
152 100

151 22.0 17.3 25.9

153 14.3 11.3 16.9



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



#49

Dimethylphthalate

Concen: 32.55 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

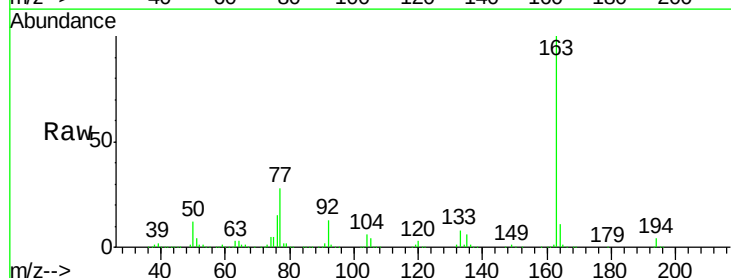
Tgt Ion:163 Resp: 1218398

Ion Ratio Lower Upper

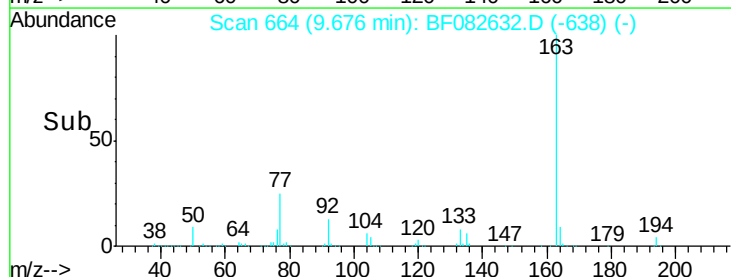
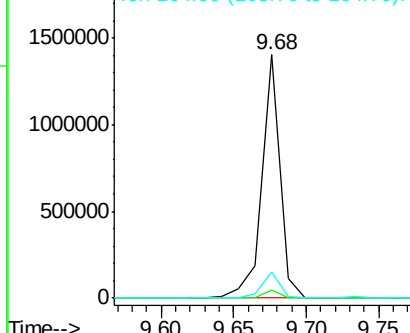
163 100

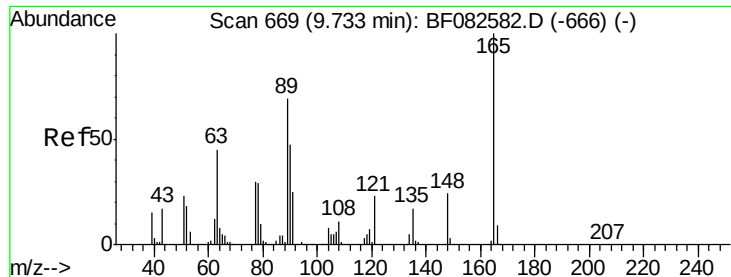
194 3.6 2.6 4.0

164 10.8 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

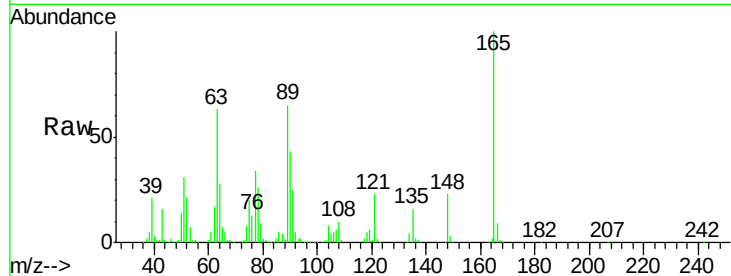




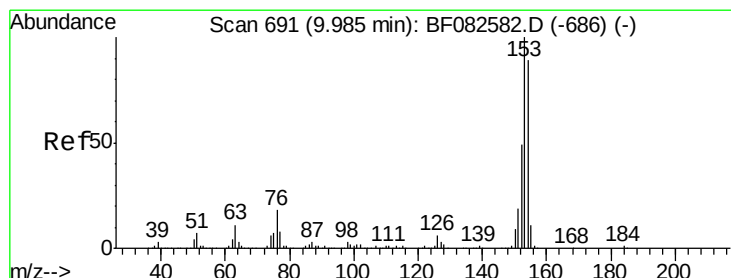
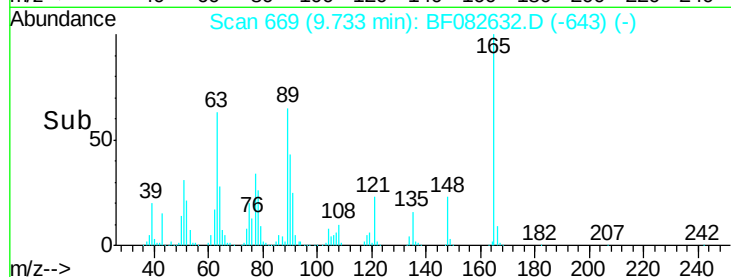
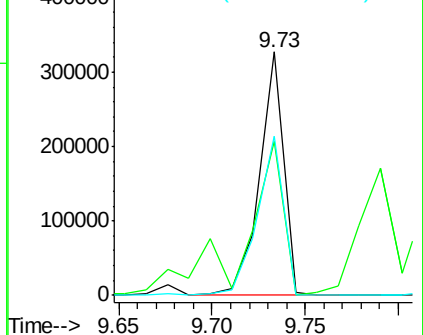
#50
2,6-Dinitrotoluene
Concen: 37.48 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Instrument :
BNA_F
ClientSampleId :
PB86353BS

Tgt Ion:165 Resp: 290824
Ion Ratio Lower Upper
165 100
63 63.1 55.5 83.3
89 65.2 55.0 82.6

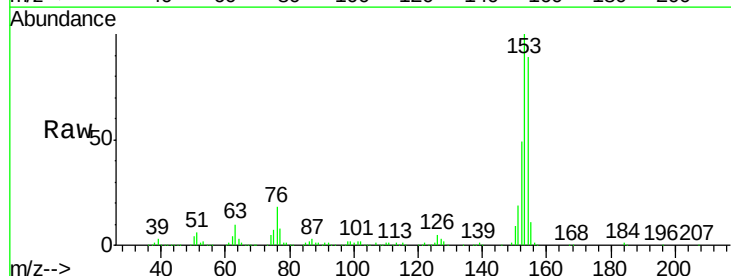


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

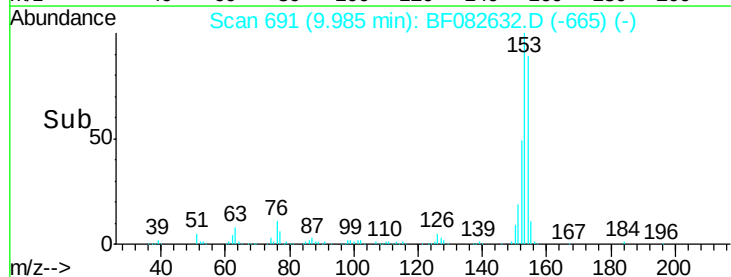
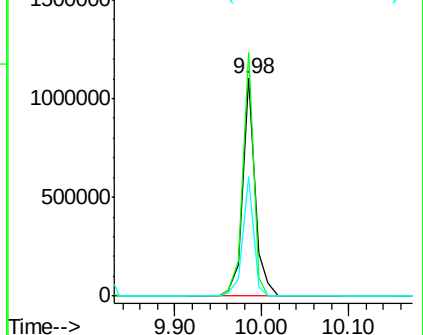


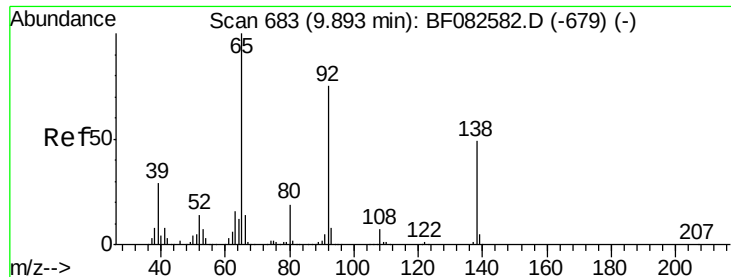
#51
Acenaphthene
Concen: 35.22 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion:154 Resp: 1081127
Ion Ratio Lower Upper
154 100
153 111.7 90.1 135.1
152 54.7 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: 16.05 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

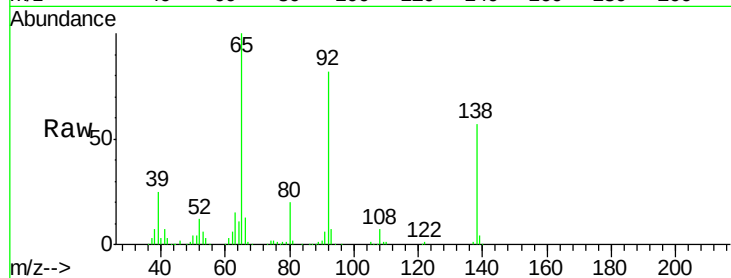
Tgt Ion:138 Resp: 138557

Ion Ratio Lower Upper

138 100

108 12.4 11.3 16.9

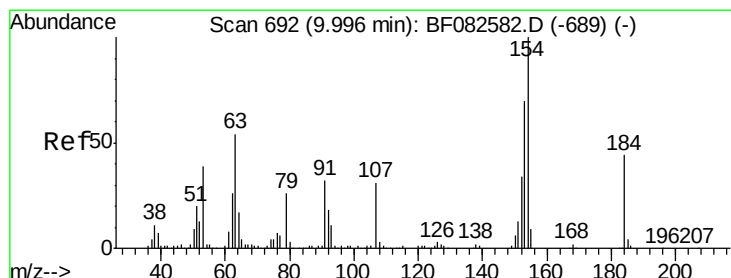
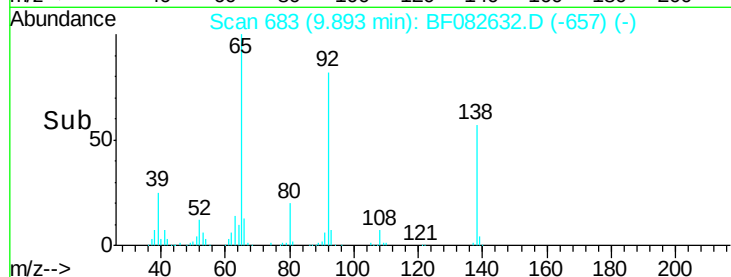
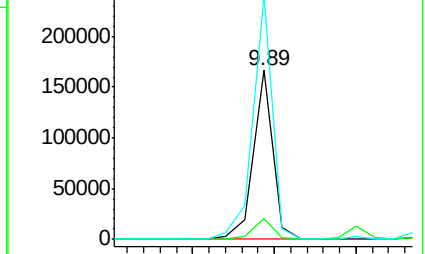
92 144.2 122.4 183.6



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: 49.06 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

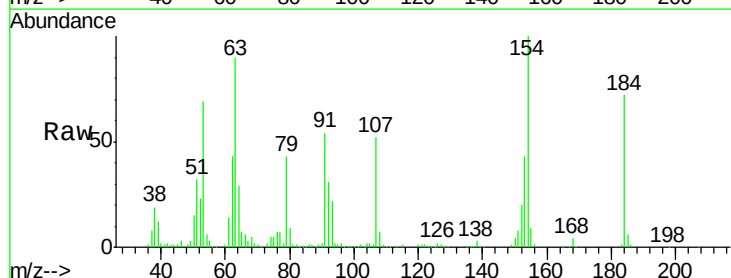
Tgt Ion:184 Resp: 191109

Ion Ratio Lower Upper

184 100

63 125.4 98.6 148.0

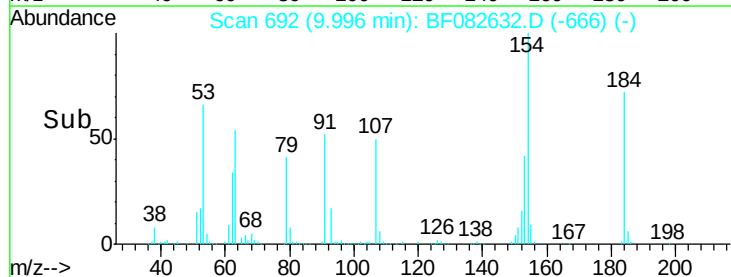
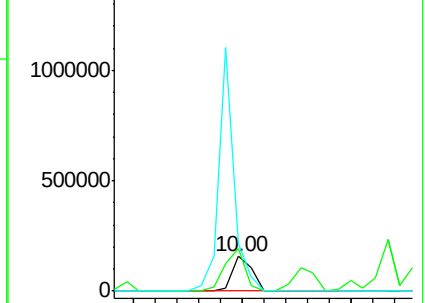
154 139.7 183.9 275.9#

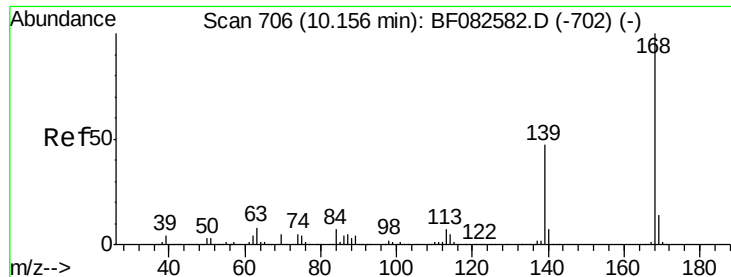


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

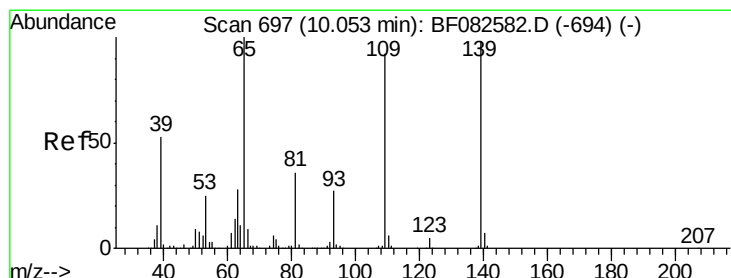
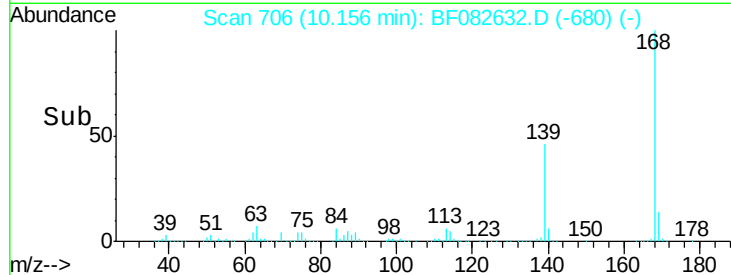
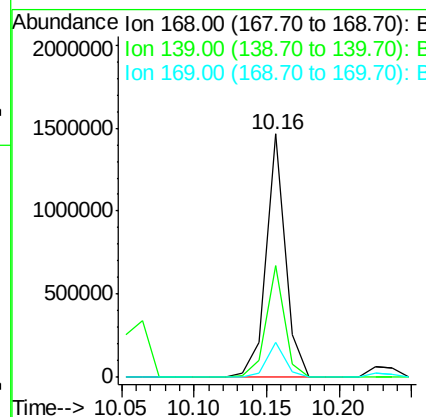
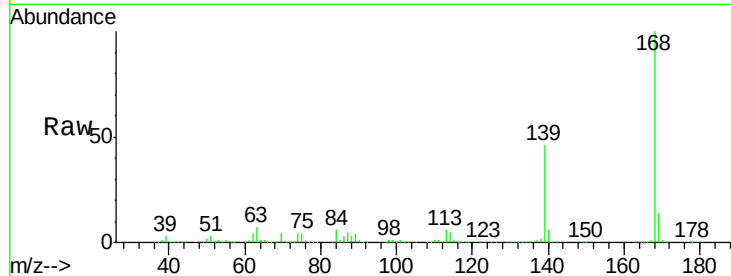




#54
Dibenzenofuran
Concen: 32.26 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

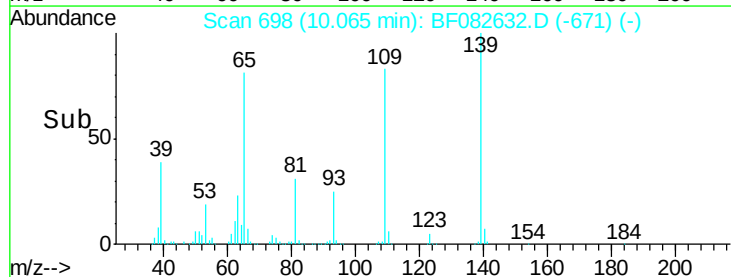
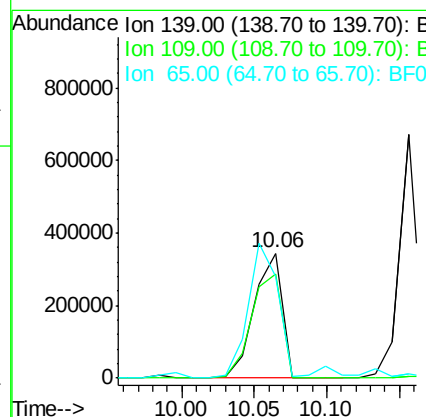
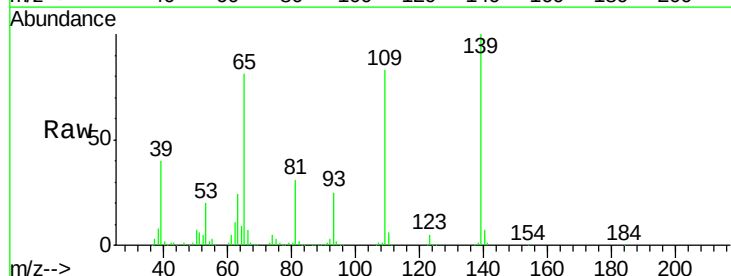
Instrument :
BNA_F
ClientSampleId :
PB86353BS

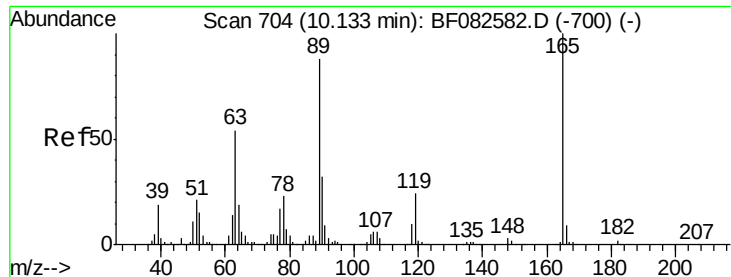
Tgt Ion:168 Resp: 1343806
Ion Ratio Lower Upper
168 100
139 45.9 37.8 56.6
169 14.2 11.3 16.9



#55
4-Nitrophenol
Concen: 71.05 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion:139 Resp: 461484
Ion Ratio Lower Upper
139 100
109 83.0 73.7 113.7
65 81.2 82.9 122.9#

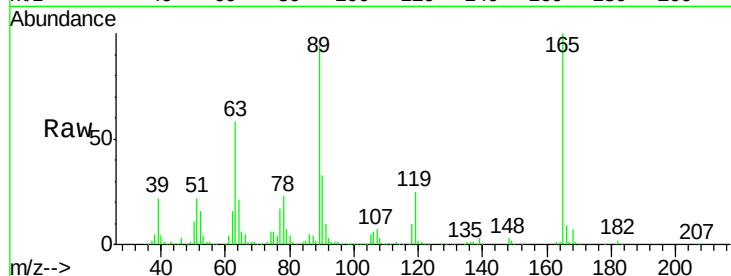




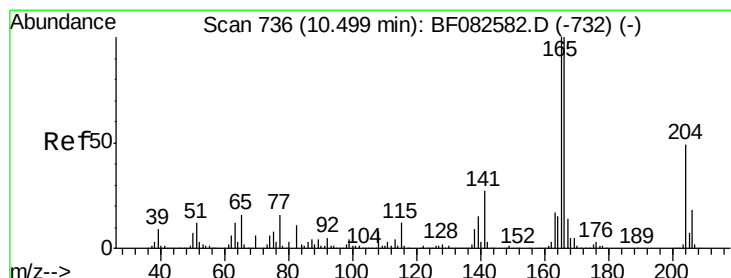
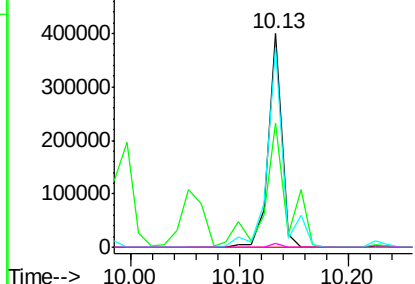
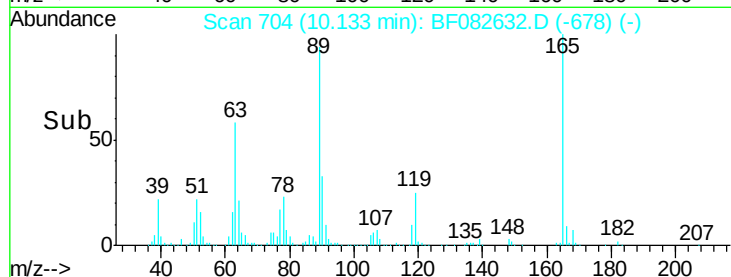
#56
2,4-Dinitrotoluene
Concen: 33.01 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Instrument :
BNA_F
ClientSampleId :
PB86353BS

Tgt Ion:165 Resp: 346370
Ion Ratio Lower Upper
165 100
63 58.1 43.4 65.0
89 93.6 70.6 106.0
182 2.0 1.5 2.3

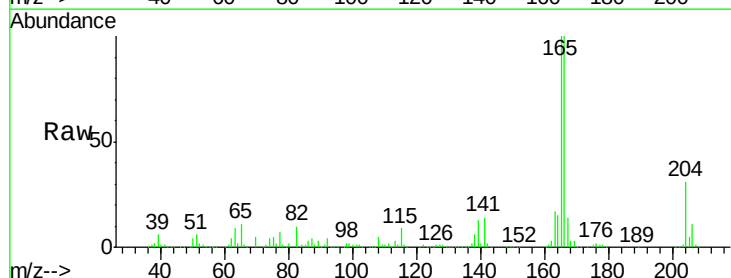


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

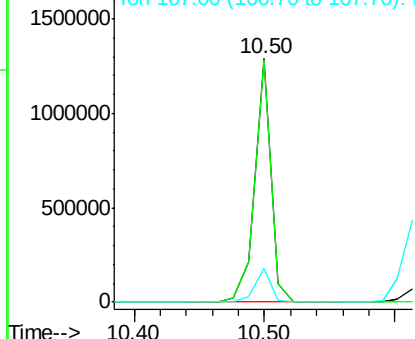
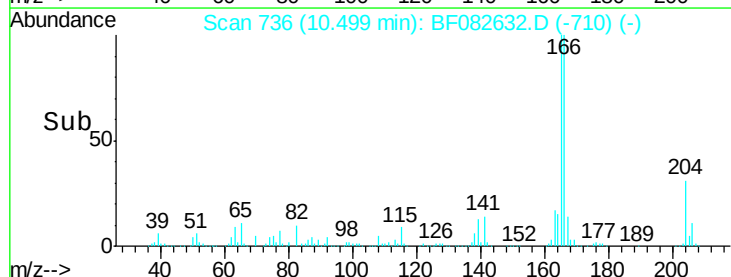


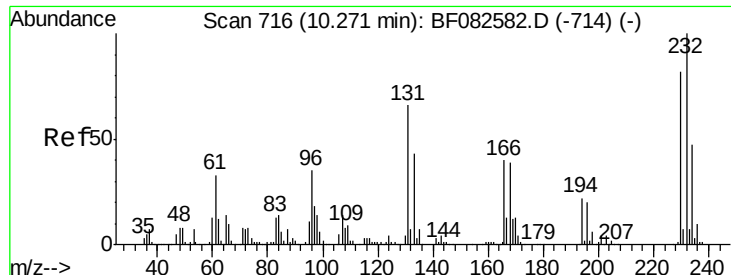
#57
Fluorene
Concen: 33.07 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion:166 Resp: 1111273
Ion Ratio Lower Upper
166 100
165 99.7 80.2 120.4
167 13.7 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

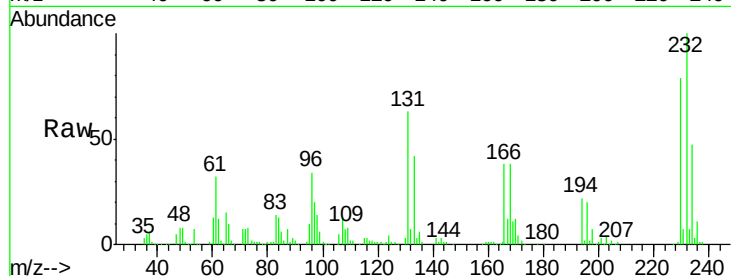




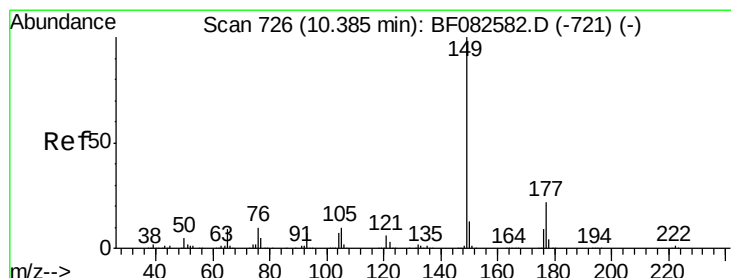
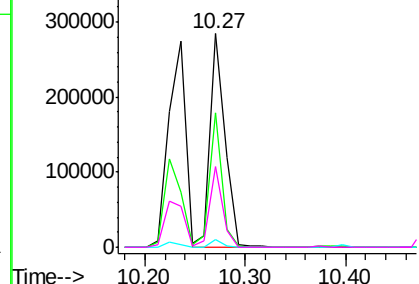
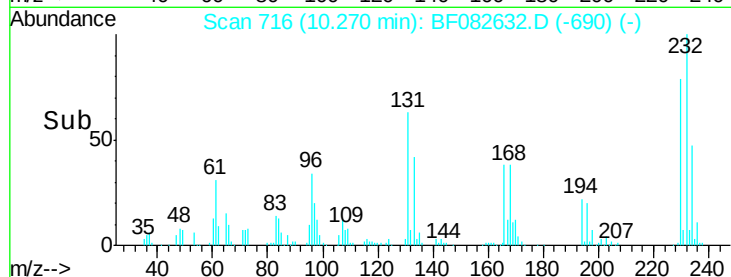
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.41 ng
 RT: 10.27 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB86353BS

Tgt Ion: 232 Resp: 292094
 Ion Ratio Lower Upper
 232 100
 131 51.6 46.2 69.2
 130 2.6 2.4 3.6
 166 32.5 28.2 42.2

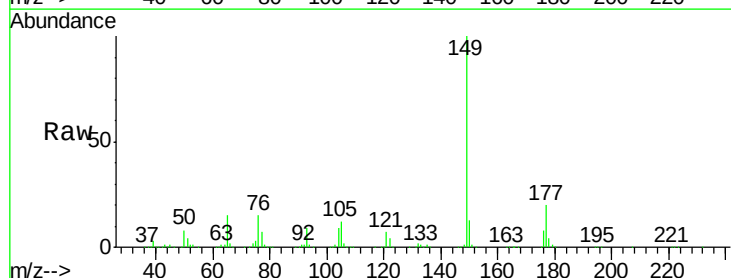


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

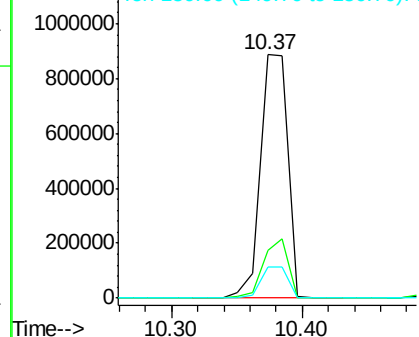
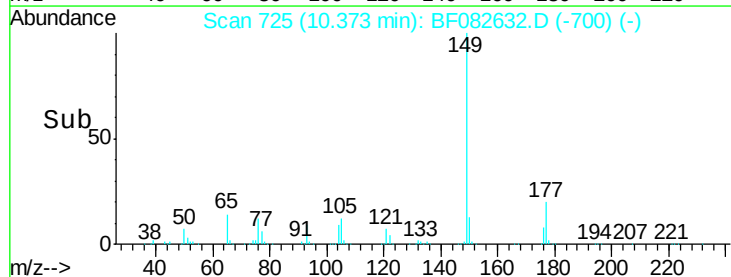


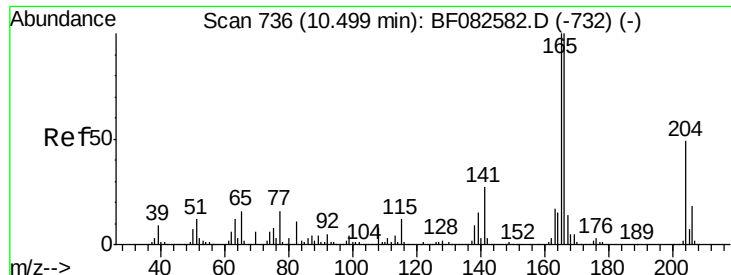
#59
 Diethylphthalate
 Concen: 33.91 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Tgt Ion: 149 Resp: 1292300
 Ion Ratio Lower Upper
 149 100
 177 19.7 17.9 26.9
 150 12.8 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

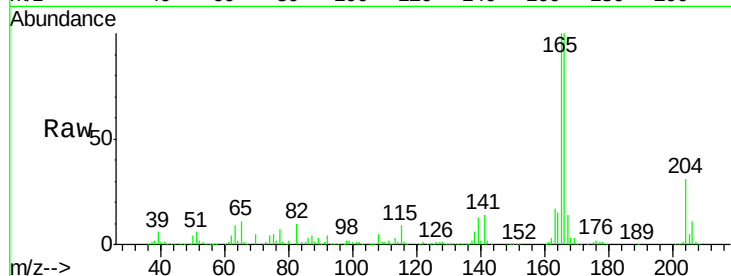




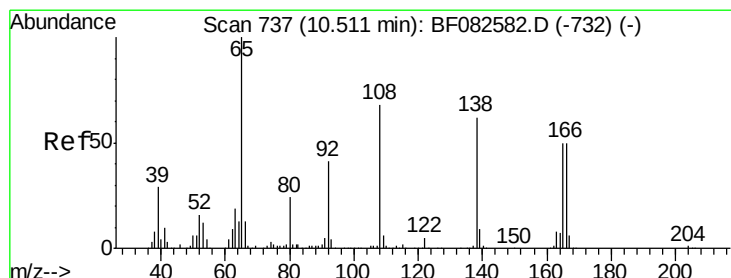
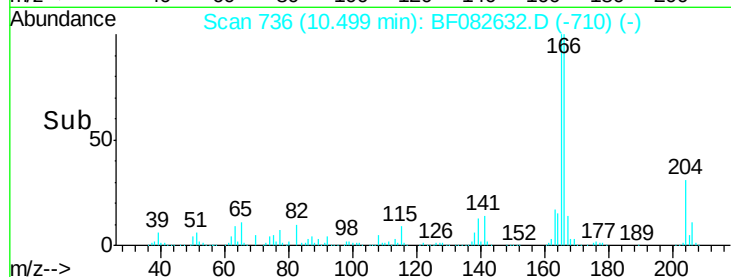
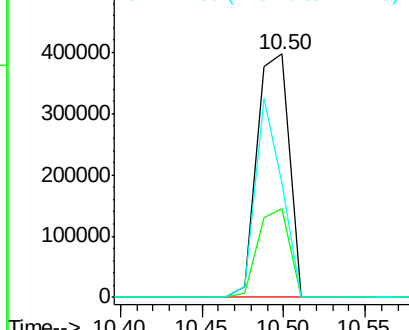
#60
4-Chlorophenyl-phenylether
Concen: 33.32 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Instrument :
BNA_F
ClientSampleId :
PB86353BS

Tgt Ion:204 Resp: 544204
Ion Ratio Lower Upper
204 100
206 36.7 28.5 42.7
141 46.8 44.6 66.8

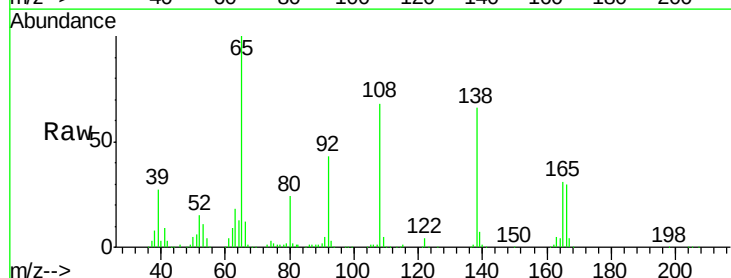


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

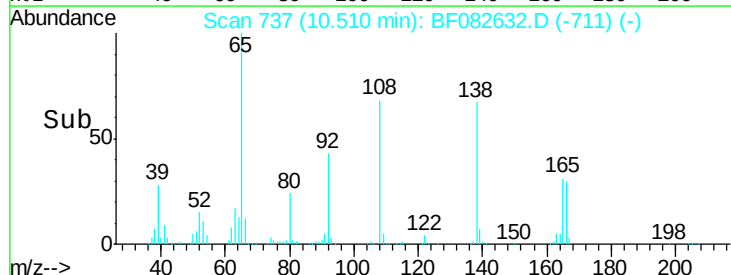
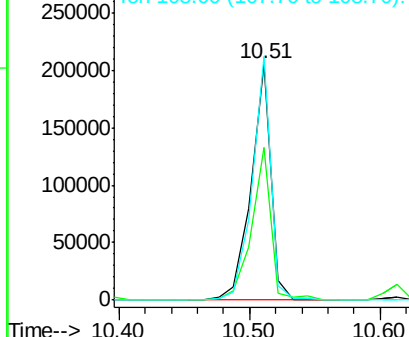


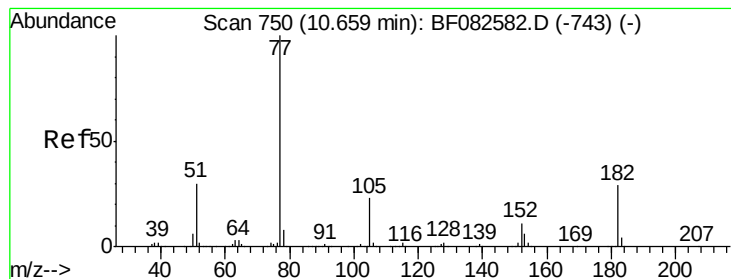
#61
4-Nitroaniline
Concen: 26.42 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion:138 Resp: 217674
Ion Ratio Lower Upper
138 100
92 64.5 45.8 85.8
108 103.0 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: 33.40 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

Tgt Ion: 77 Resp: 1435404

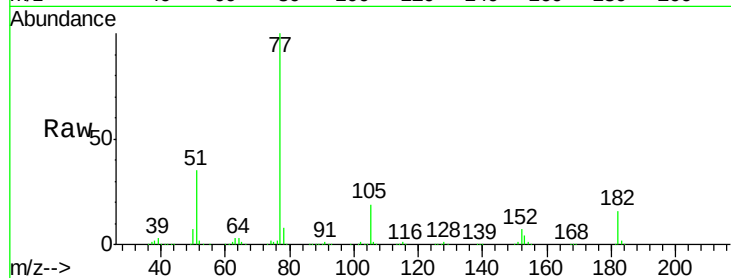
Ion Ratio Lower Upper

77 100

182 15.9 9.3 49.3

105 19.4 2.6 42.6

51 34.8 9.9 49.9

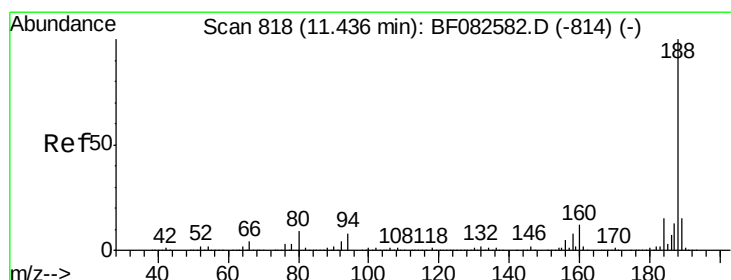
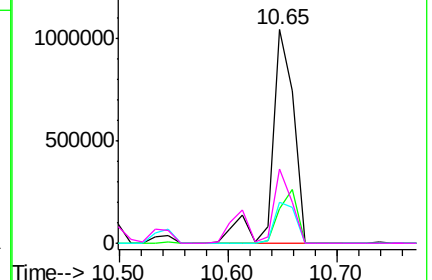
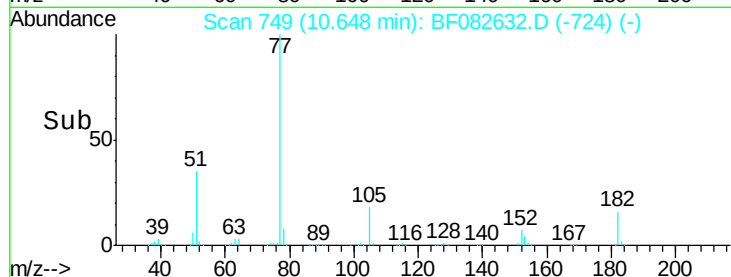


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF082632.D

Acq: 31 Oct 2015 20:25

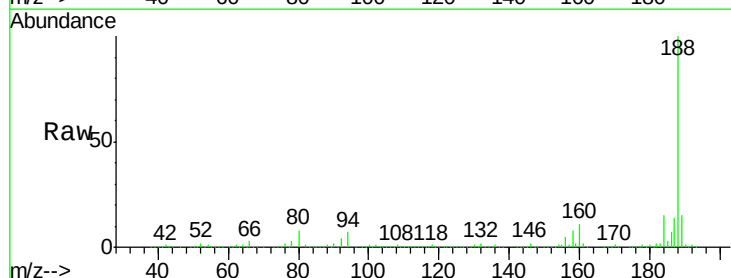
Tgt Ion: 188 Resp: 848617

Ion Ratio Lower Upper

188 100

94 7.4 6.1 9.1

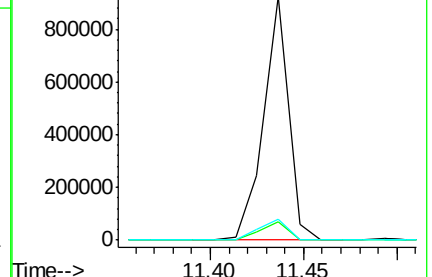
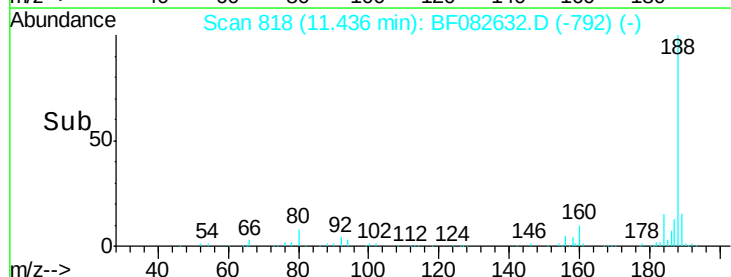
80 8.4 7.0 10.6

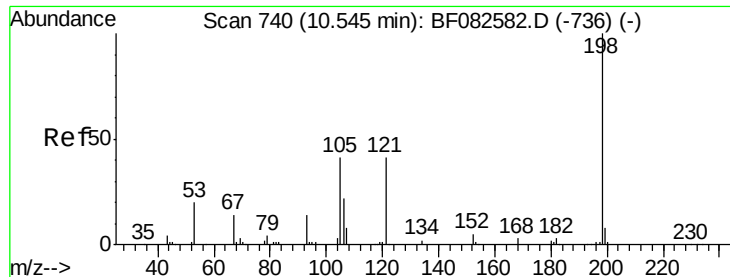


Abundance Ion 188.00 (187.70 to 188.70): E

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: 33.58 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

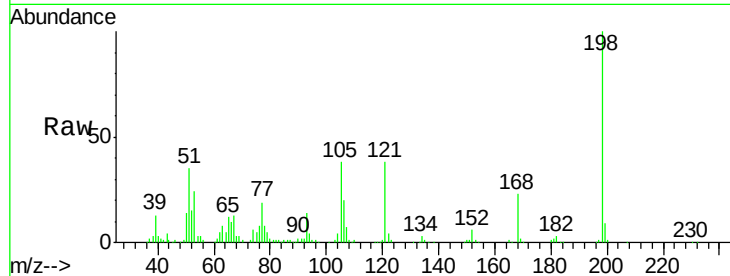
Tgt Ion:198 Resp: 171861

Ion Ratio Lower Upper

198 100

51 34.6 17.3 57.3

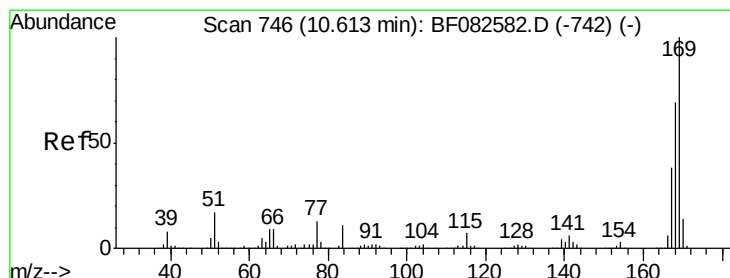
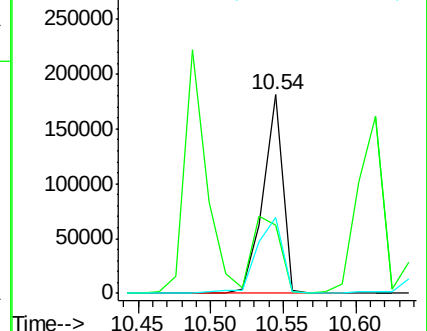
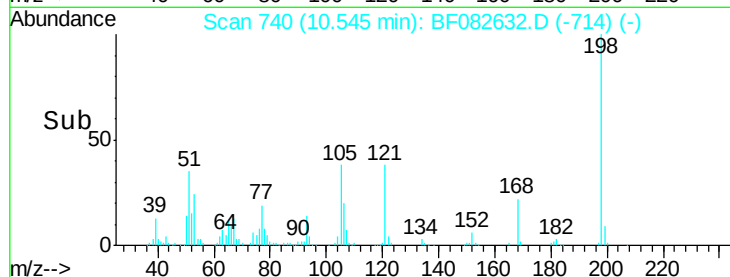
105 38.1 21.7 61.7



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: 36.03 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

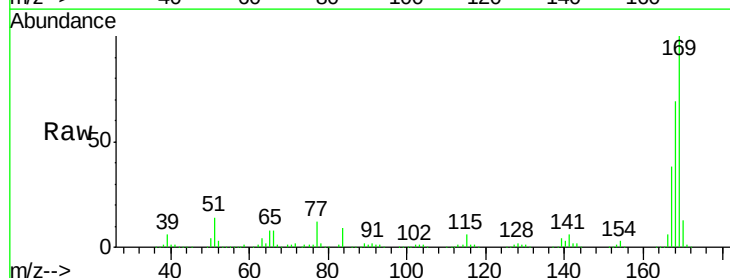
Tgt Ion:169 Resp: 1051062

Ion Ratio Lower Upper

169 100

168 69.0 55.0 82.6

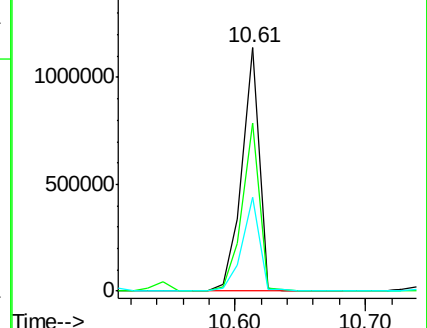
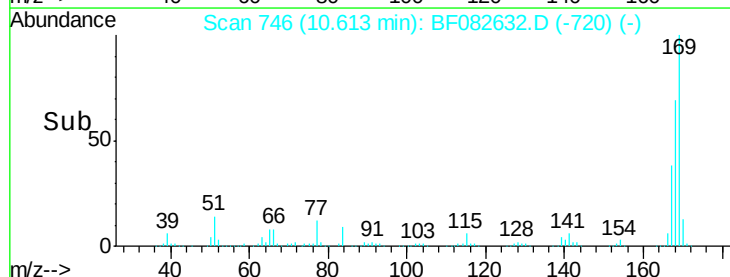
167 38.4 30.5 45.7

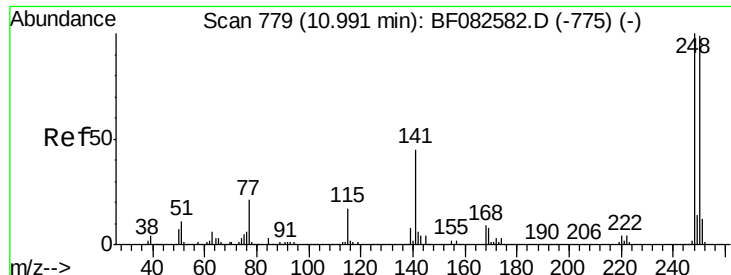


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

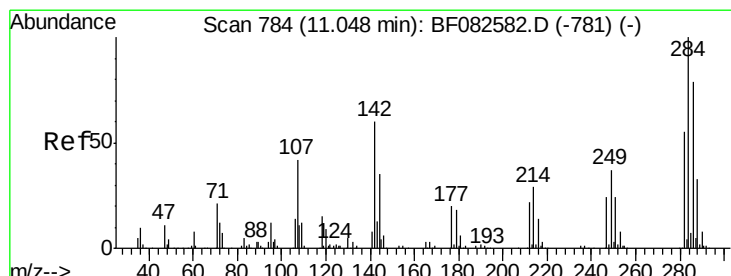
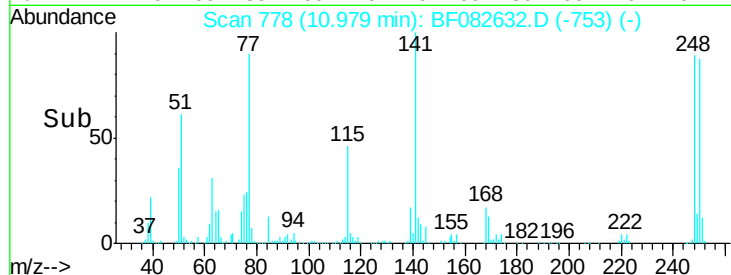
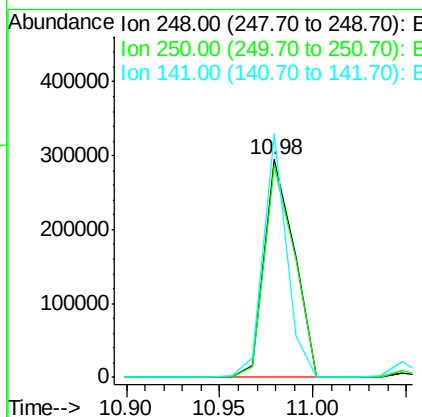
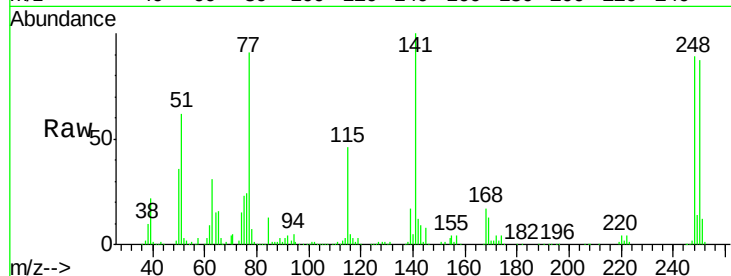




#66
4-Bromophenyl-phenylether
Concen: 33.87 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

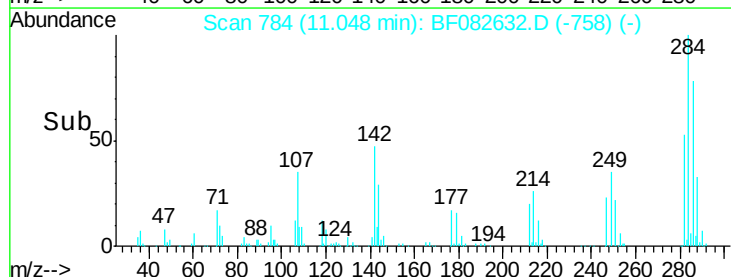
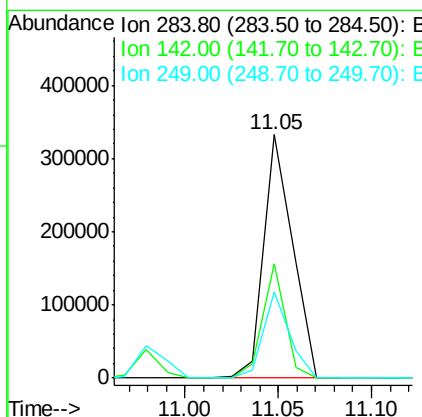
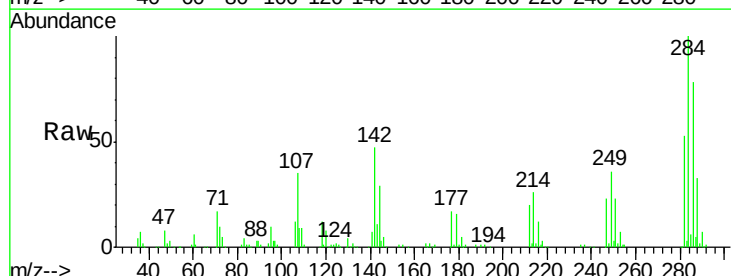
Instrument :
BNA_F
ClientSampleId :
PB86353BS

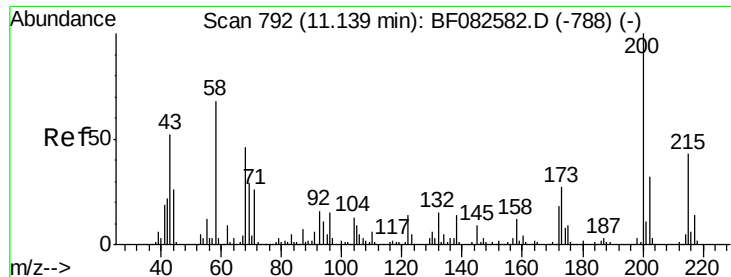
Tgt Ion:248 Resp: 325739
Ion Ratio Lower Upper
248 100
250 97.6 79.4 119.2
141 112.0 36.3 54.5#



#67
Hexachlorobenzene
Concen: 33.20 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion:284 Resp: 354011
Ion Ratio Lower Upper
284 100
142 47.0 47.9 71.9#
249 35.5 29.7 44.5

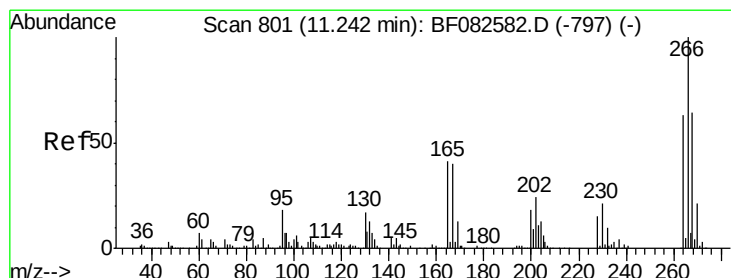
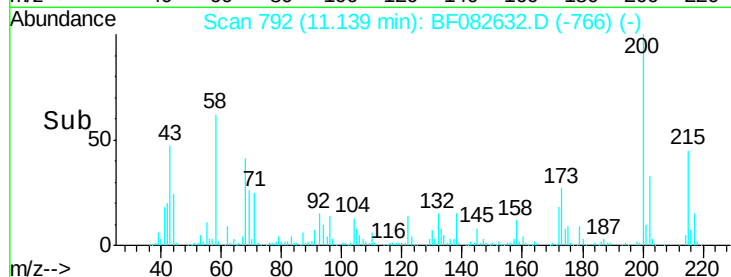
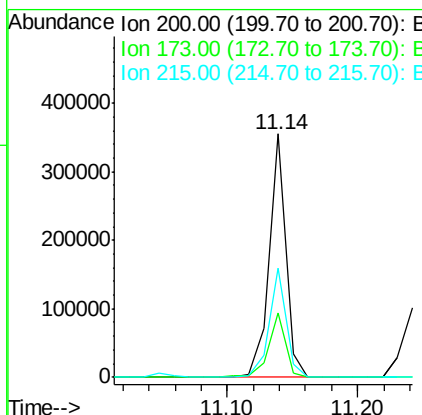
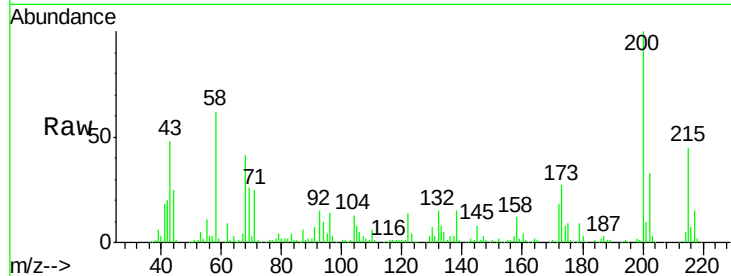




#68
 Atrazine
 Concen: 33.62 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

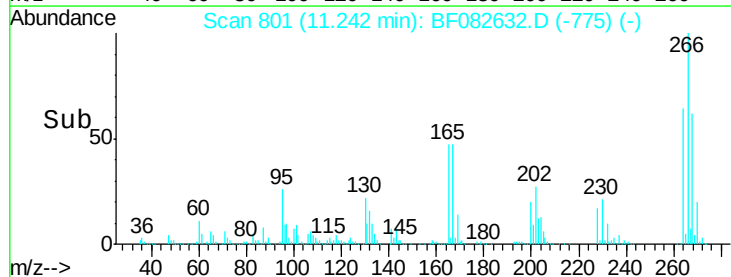
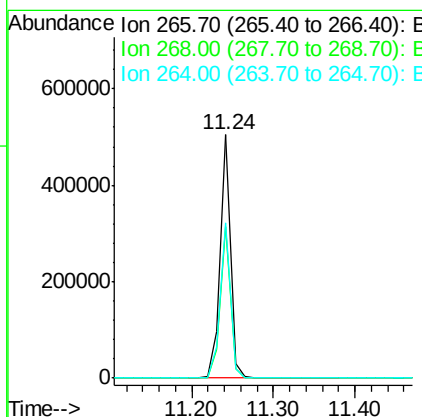
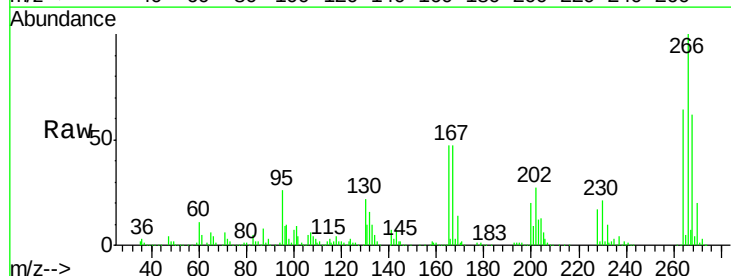
Instrument :
 BNA_F
 ClientSampleId :
 PB86353BS

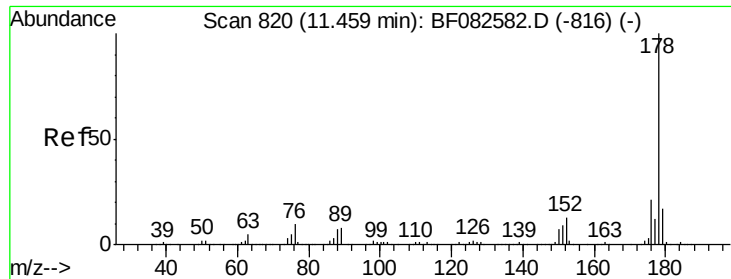
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.9	46.9
215	44.7	22.9	62.9



#69
 Pentachlorophenol
 Concen: 63.09 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.0	76.6
264	64.0	50.6	75.8

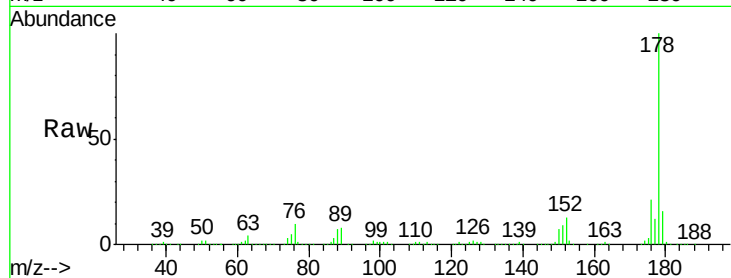




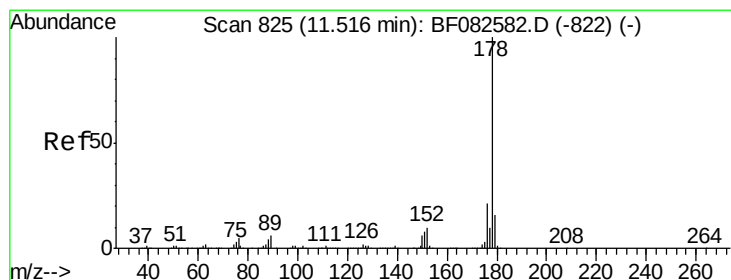
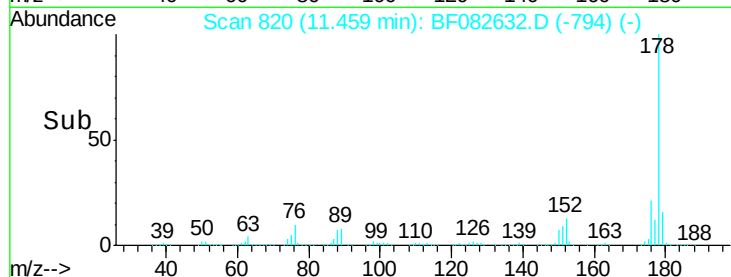
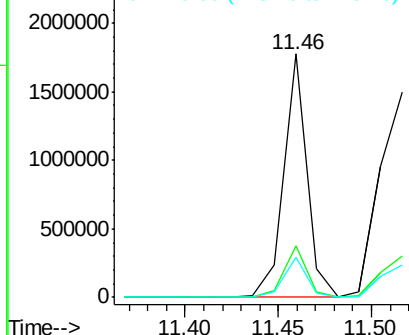
#70
Phenanthrene
Concen: 32.08 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Instrument :
BNA_F
ClientSampleId :
PB86353BS

Tgt Ion:178 Resp: 1535246
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.4
179 16.5 13.4 20.0

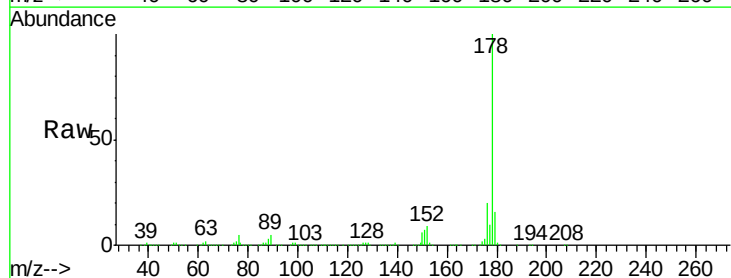


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

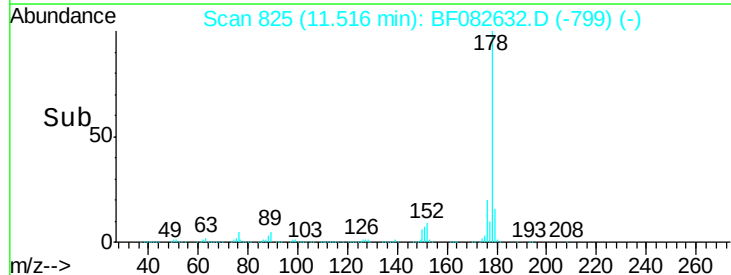
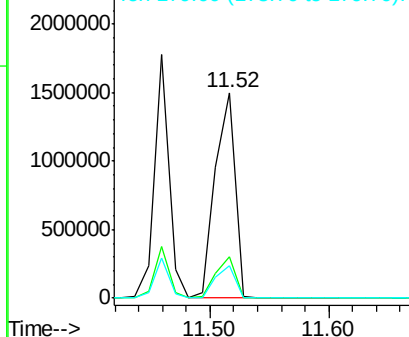


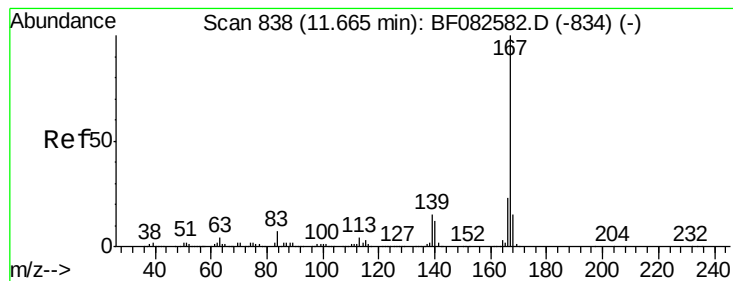
#71
Anthracene
Concen: 35.62 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion:178 Resp: 1716595
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 15.6 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: 36.00 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

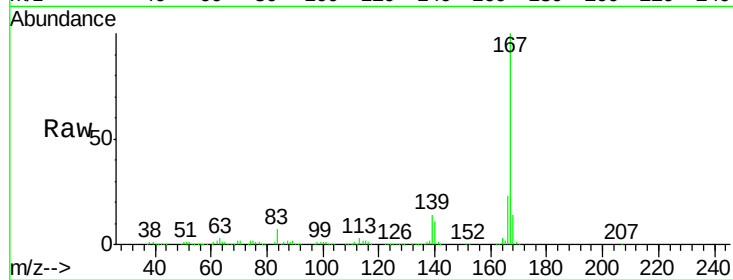
Tgt Ion:167 Resp: 1511184

Ion Ratio Lower Upper

167 100

166 22.9 18.7 28.1

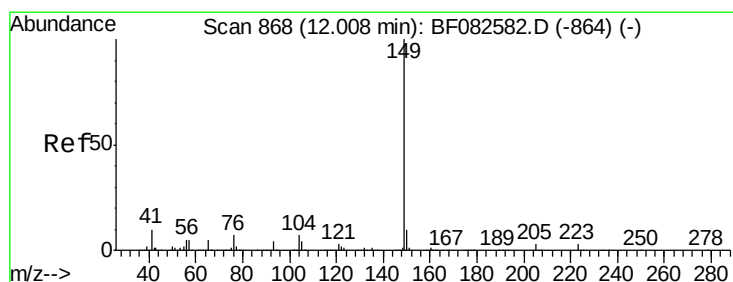
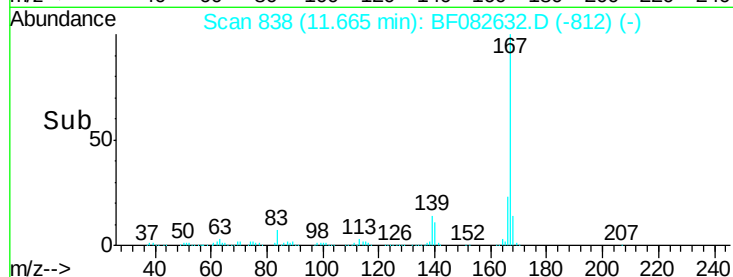
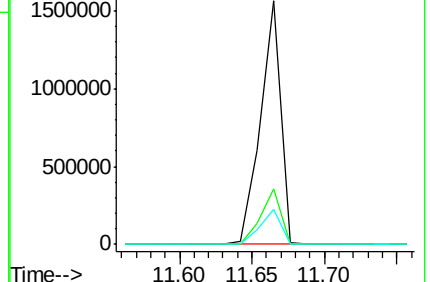
139 14.4 11.8 17.6



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: 38.67 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

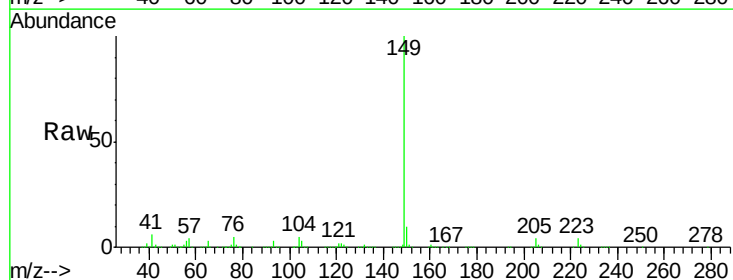
Tgt Ion:149 Resp: 2066483

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

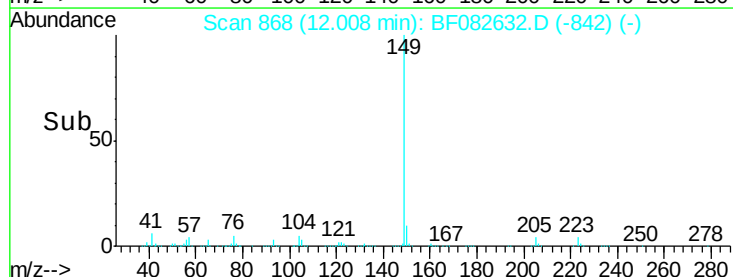
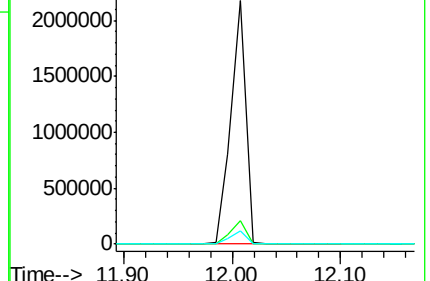
104 5.2 5.2 7.8

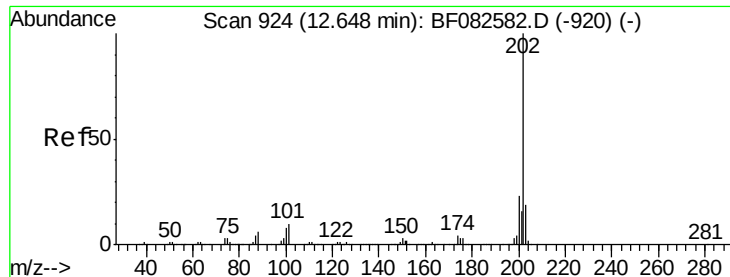


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

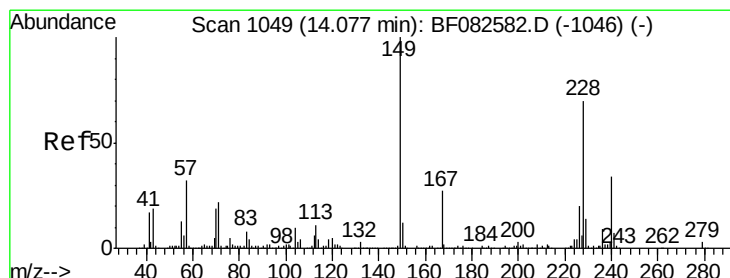
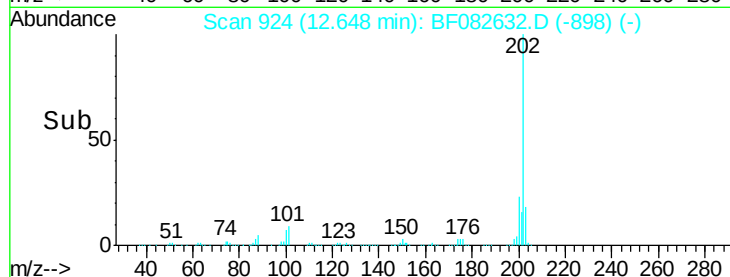
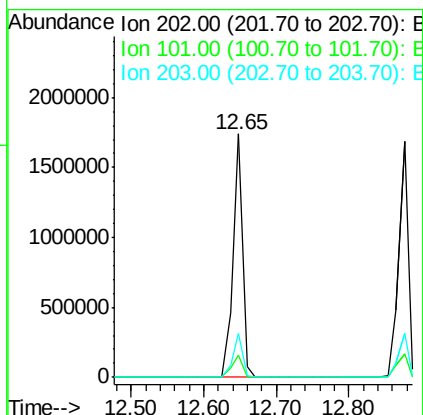
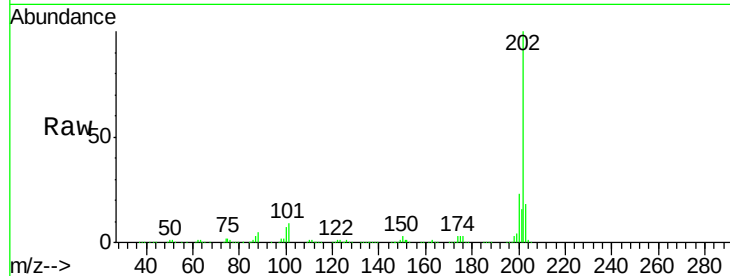




#74
 Fluoranthene
 Concen: 32.24 ng
 RT: 12.65 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

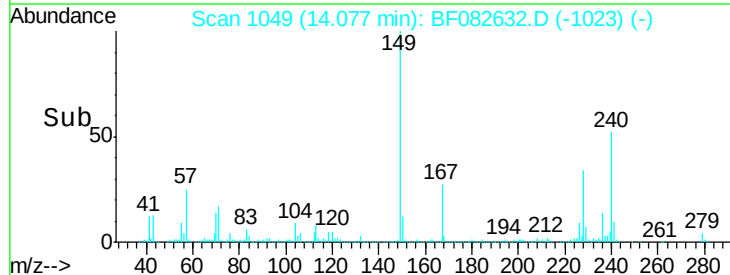
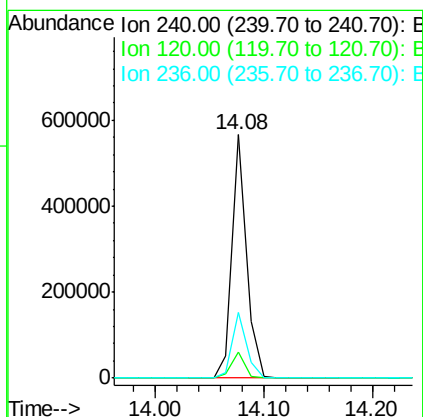
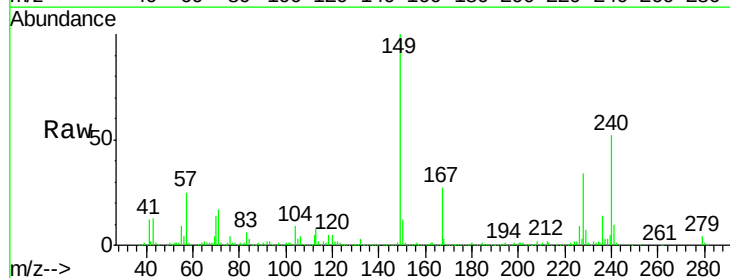
Instrument :
 BNA_F
 ClientSampled :
 PB86353BS

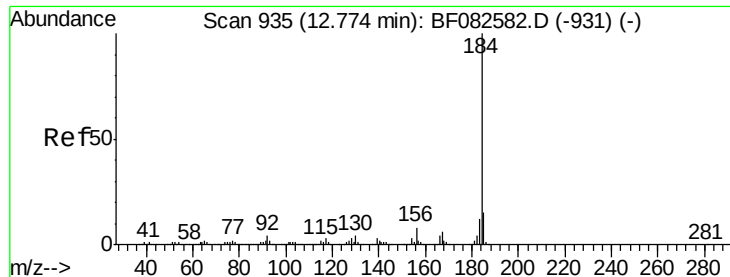
Tgt Ion: 202 Resp: 1577688
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 30.5
 203 18.1 0.0 38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Tgt Ion: 240 Resp: 518262
 Ion Ratio Lower Upper
 240 100
 120 10.7 10.9 16.3#
 236 26.9 21.6 32.4





#76

Benzidine

Concen: 22.81 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

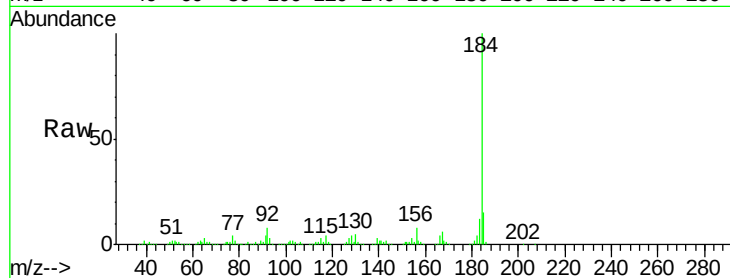
Tgt Ion:184 Resp: 533049

Ion Ratio Lower Upper

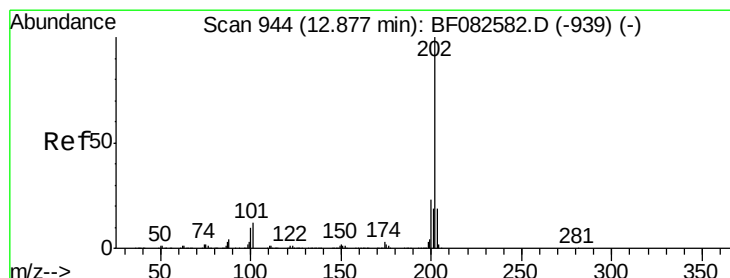
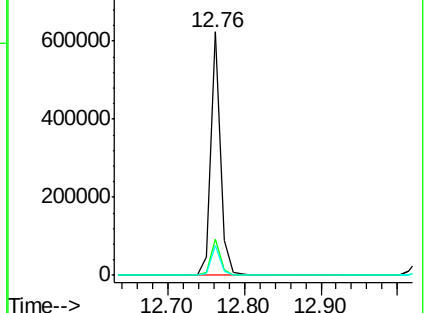
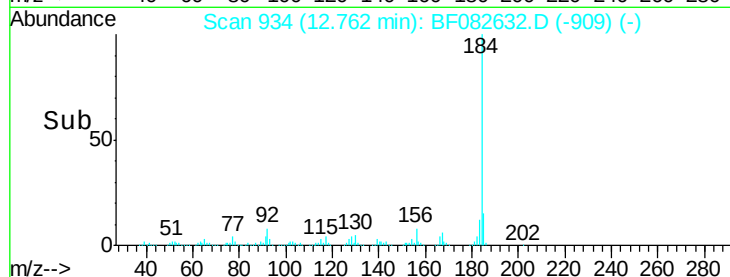
184 100

185 14.9 12.0 18.0

183 12.1 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: 40.14 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

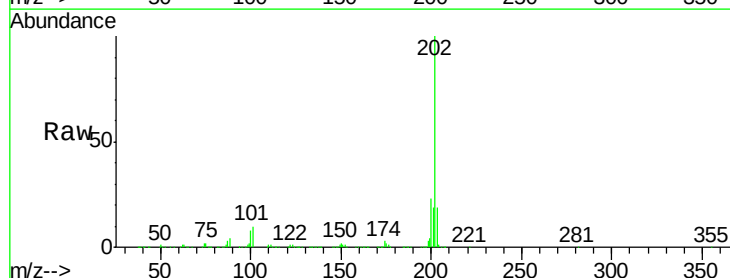
Tgt Ion:202 Resp: 1540460

Ion Ratio Lower Upper

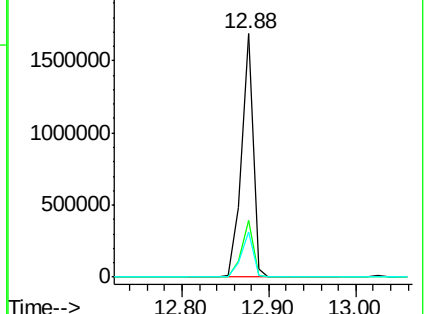
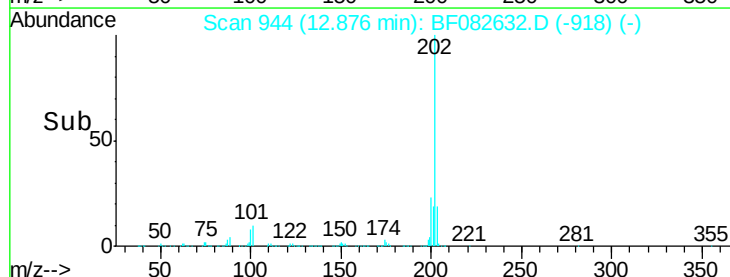
202 100

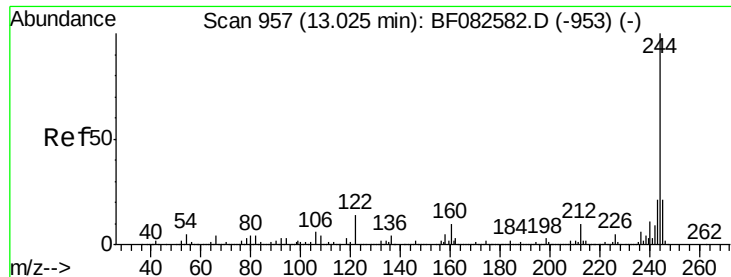
200 23.2 18.7 28.1

203 18.6 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

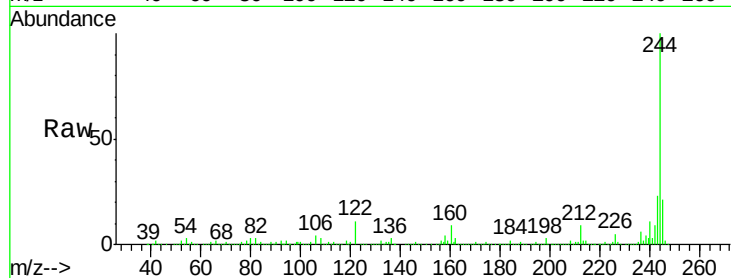




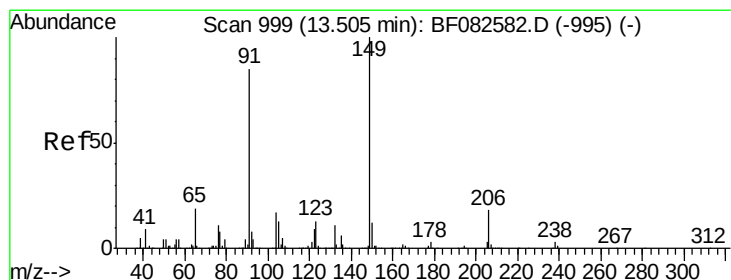
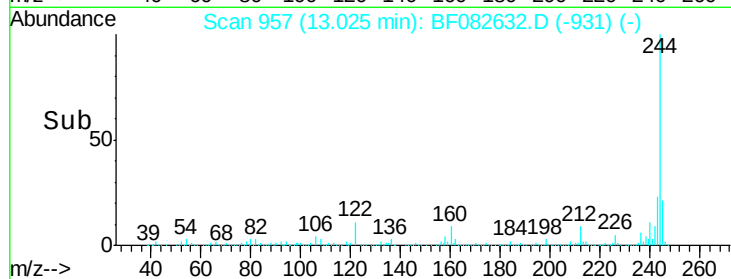
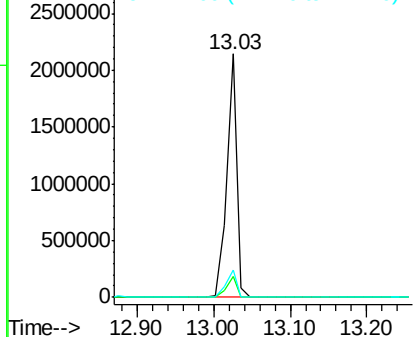
#78
 Terphenyl-d14
 Concen: 83.61 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB86353BS

Tgt Ion:244 Resp: 1979959
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.6 11.4
 122 11.4 11.3 16.9

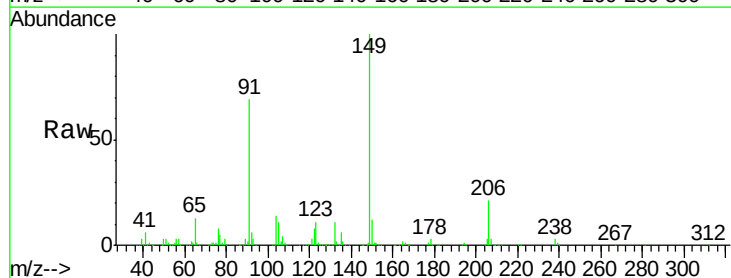


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

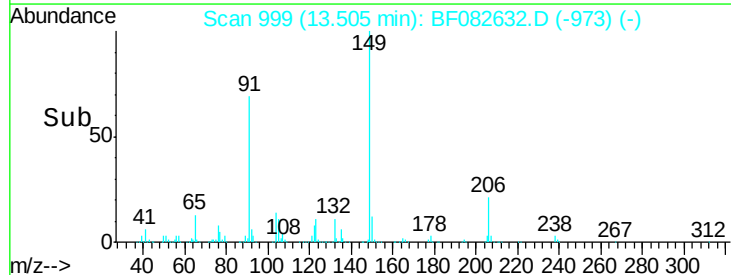
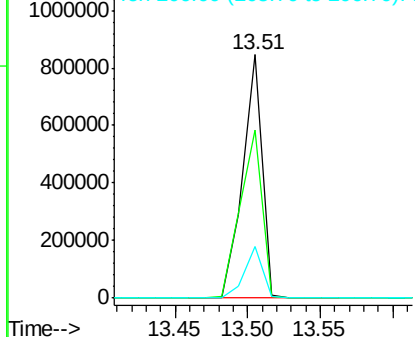


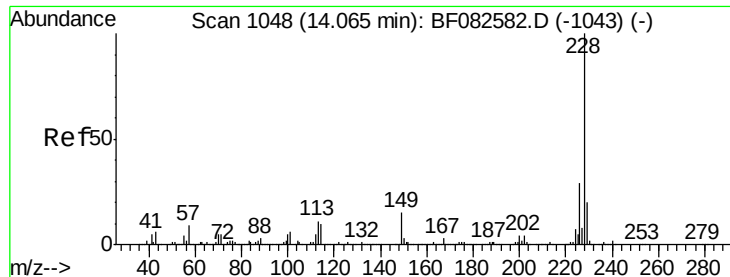
#79
 Butylbenzylphthalate
 Concen: 46.96 ng
 RT: 13.51 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF082632.D
 Acq: 31 Oct 2015 20:25

Tgt Ion:149 Resp: 789279
 Ion Ratio Lower Upper
 149 100
 91 68.9 67.7 101.5
 206 21.1 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 34.48 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

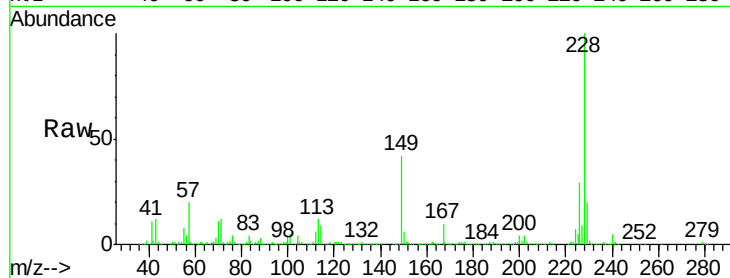
Tgt Ion:228 Resp: 1135081

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	20.4	16.3	24.5

228 100

226 28.8 23.4 35.2

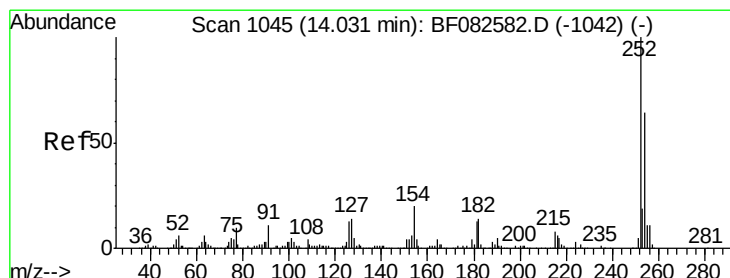
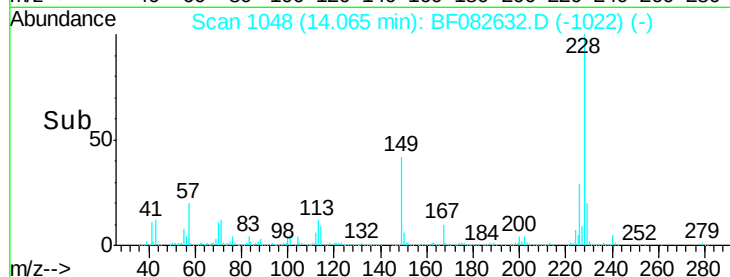
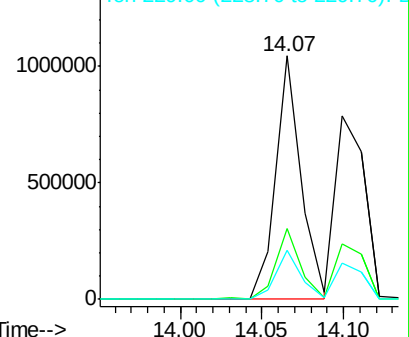
229 20.4 16.3 24.5



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



#81

3,3'-Dichlorobenzidine

Concen: 23.37 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

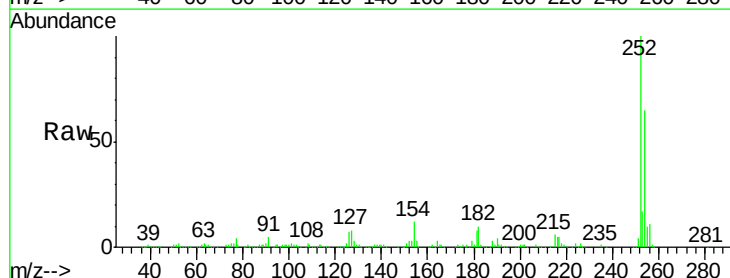
Tgt Ion:252 Resp: 265105

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.0
126	6.7	10.7	16.1#

252 100

254 65.2 51.4 77.0

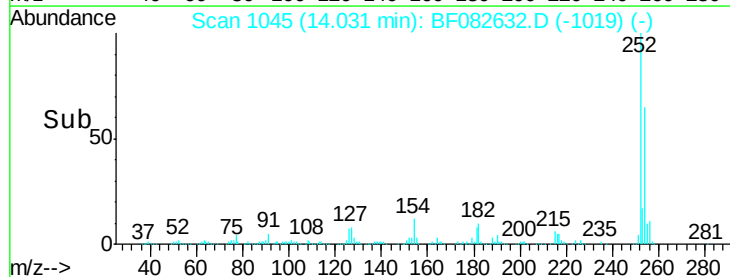
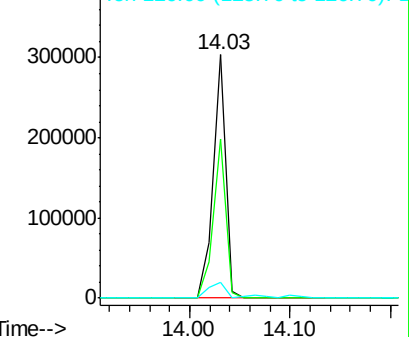
126 6.7 10.7 16.1#

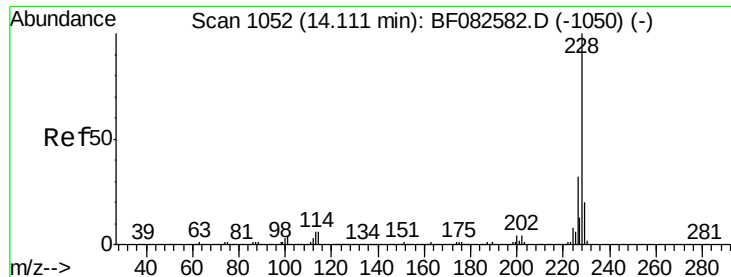


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.24 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

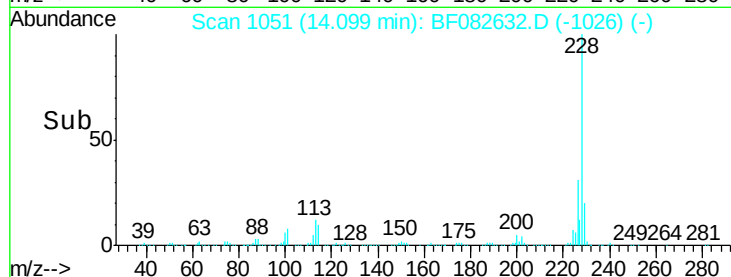
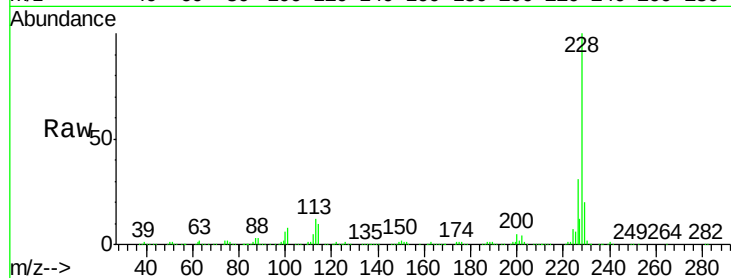
Tgt Ion:228 Resp: 991852

Ion Ratio Lower Upper

228 100

226 30.5 25.5 38.3

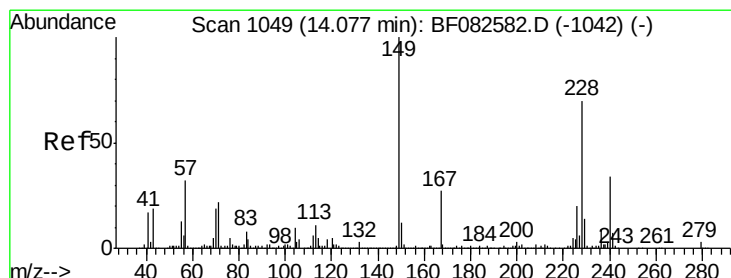
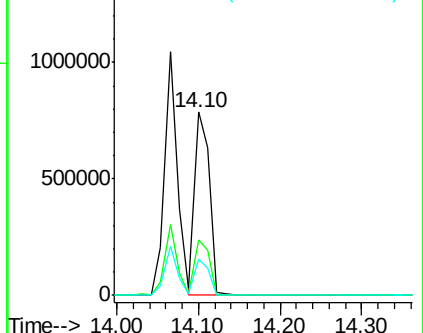
229 20.2 16.3 24.5



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: 49.61 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

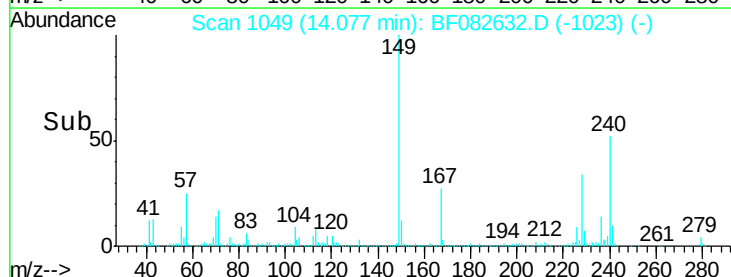
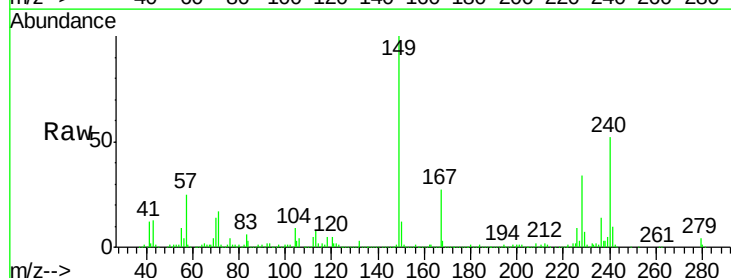
Tgt Ion:149 Resp: 1081101

Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

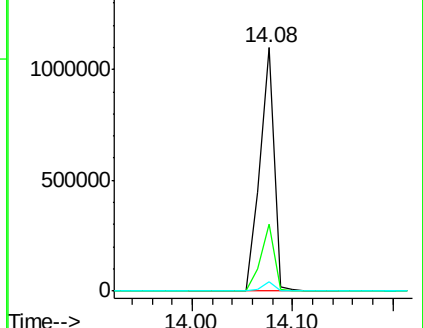
279 3.8 2.2 3.2#

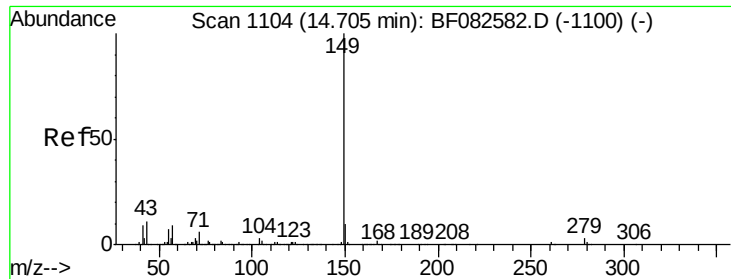


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 45.58 ng

RT: 14.71 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

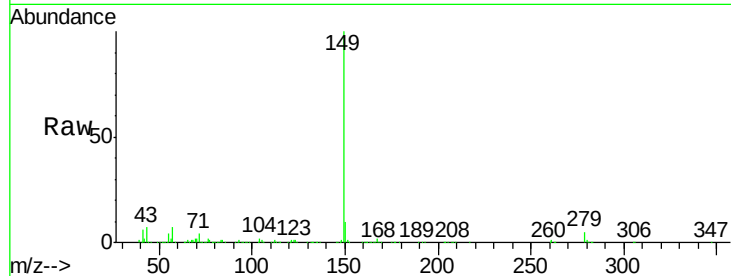
Tgt Ion:149 Resp: 1549162

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

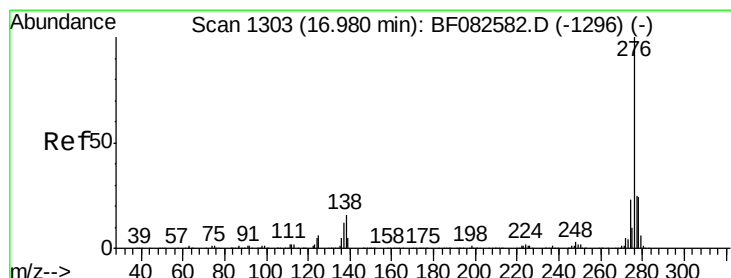
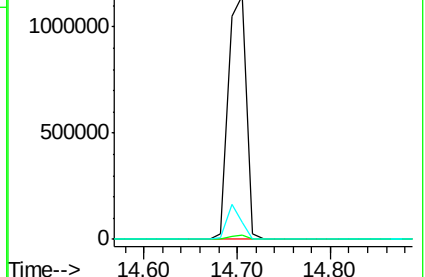
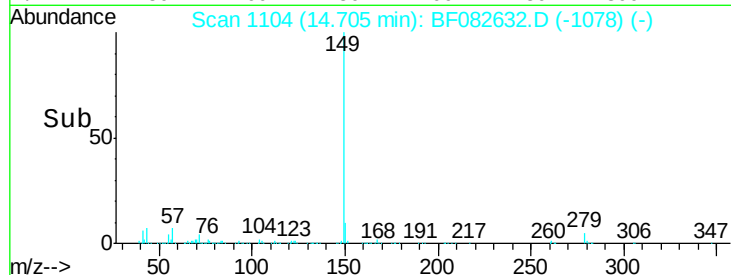
43 11.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 46.03 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

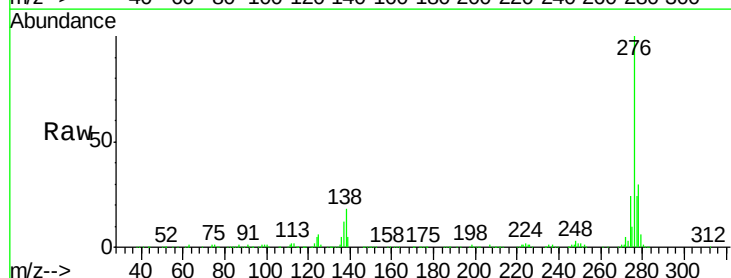
Tgt Ion:276 Resp: 1133540

Ion Ratio Lower Upper

276 100

138 19.4 15.3 22.9

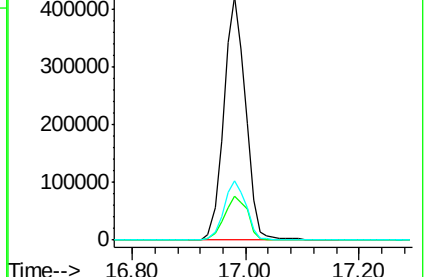
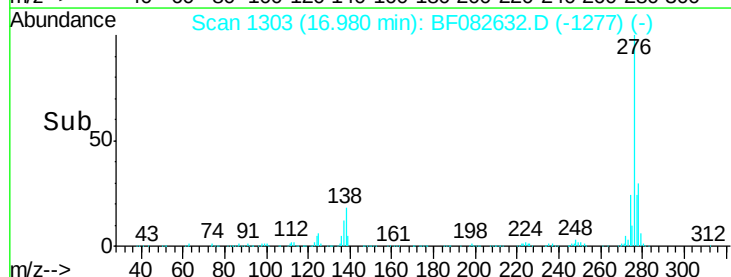
277 24.9 20.2 30.4

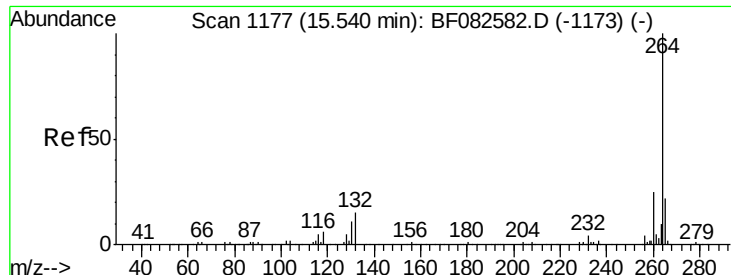


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

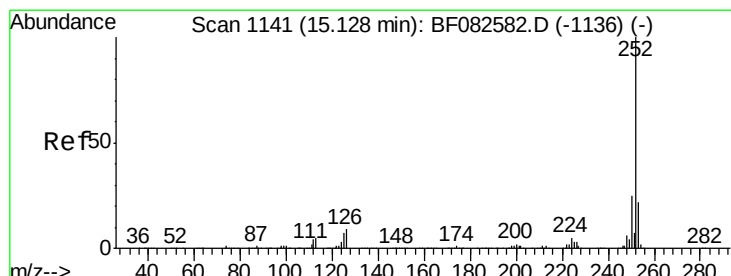
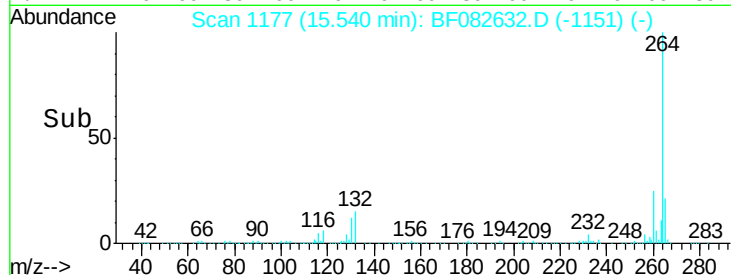
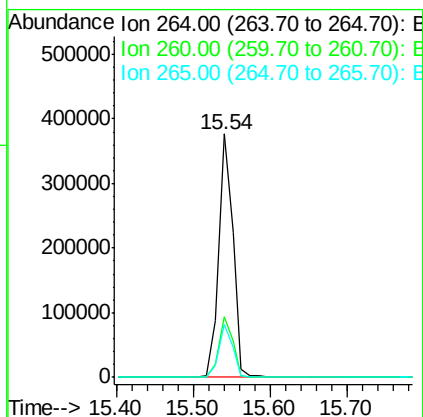
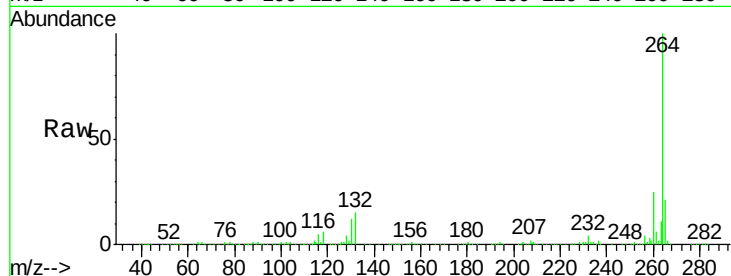




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

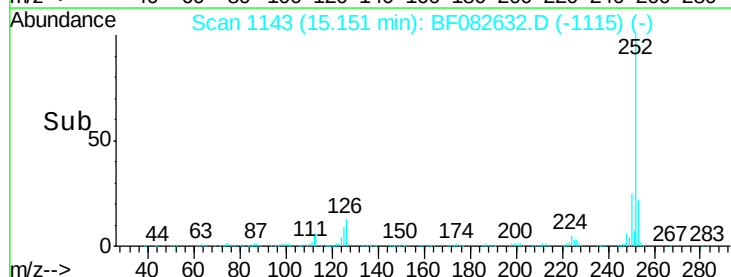
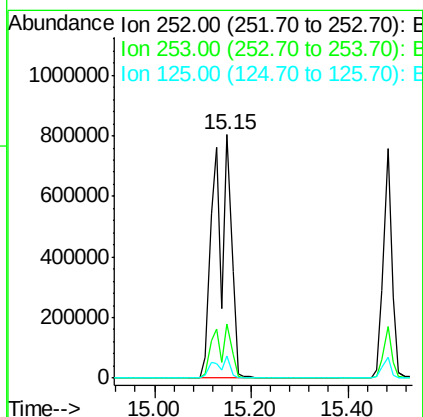
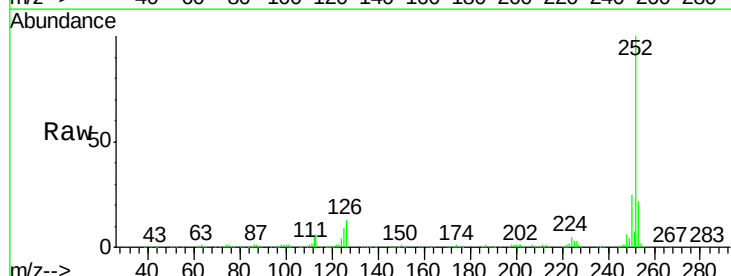
Instrument :
BNA_F
ClientSampleId :
PB86353BS

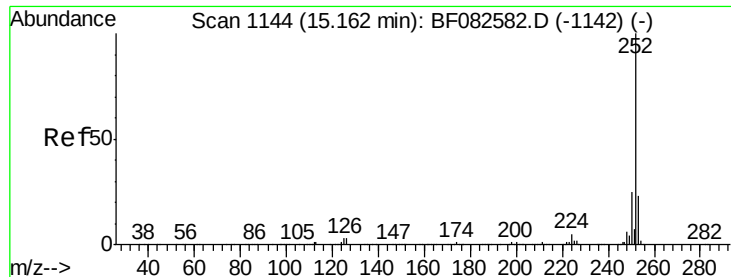
Tgt Ion:264 Resp: 490969
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 21.5 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 56.82 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.02 min
Lab File: BF082632.D
Acq: 31 Oct 2015 20:25

Tgt Ion:252 Resp: 1923577
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.0 5.4 8.2#





#88

Benzo(k)fluoranthene

Concen: 74.60 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

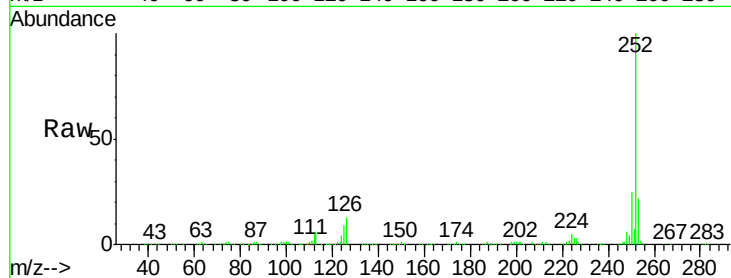
Tgt Ion:252 Resp: 1924008

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

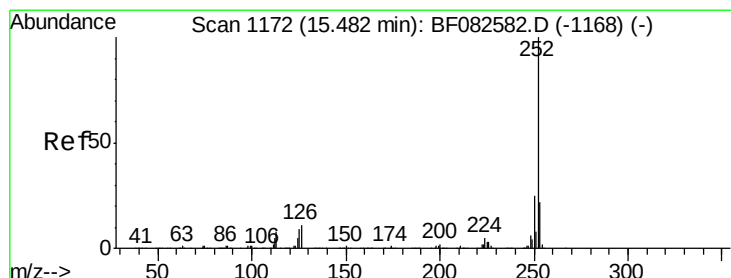
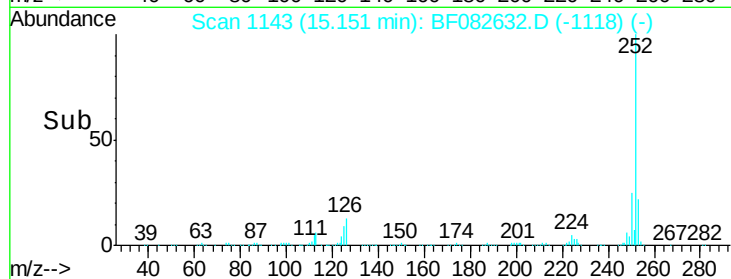
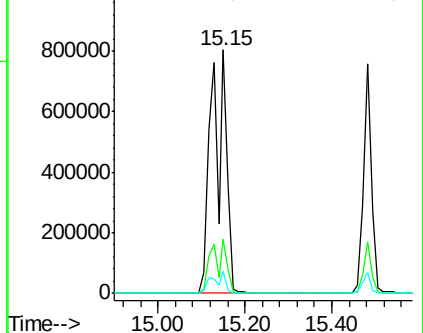
125 9.0 3.5 5.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 35.52 ng

RT: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

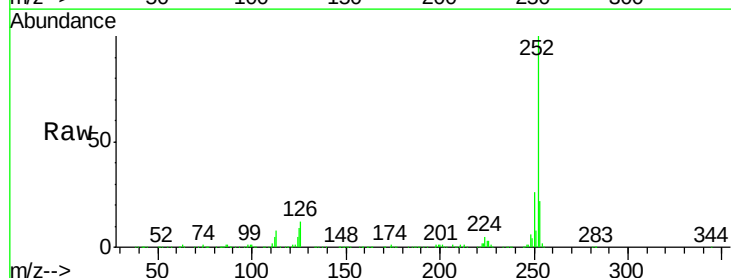
Tgt Ion:252 Resp: 947089

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

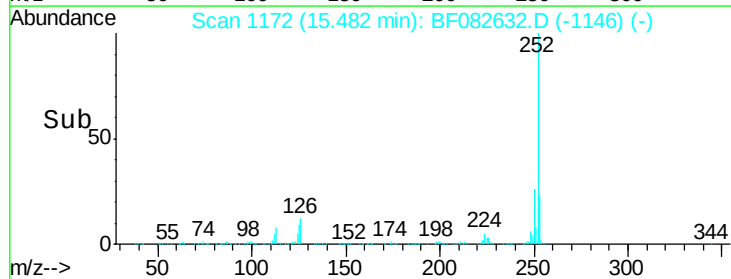
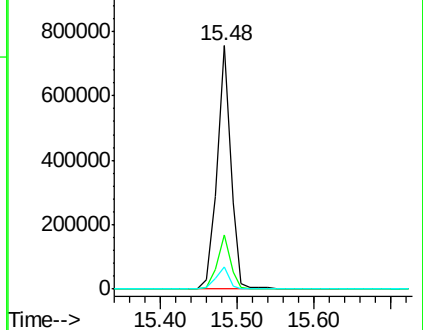
125 9.2 7.1 10.7

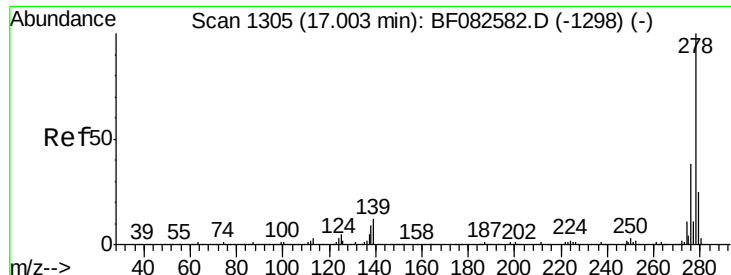


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 38.62 ng

RT: 17.00 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

Instrument :

BNA_F

ClientSampleId :

PB86353BS

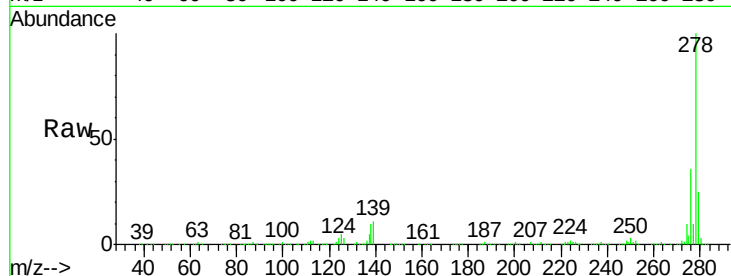
Tgt Ion: 278 Resp: 960749

Ion Ratio Lower Upper

278 100

139 11.1 9.9 14.9

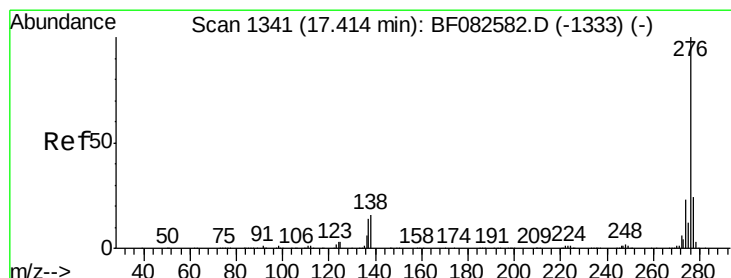
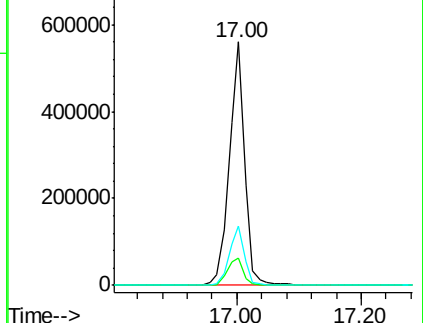
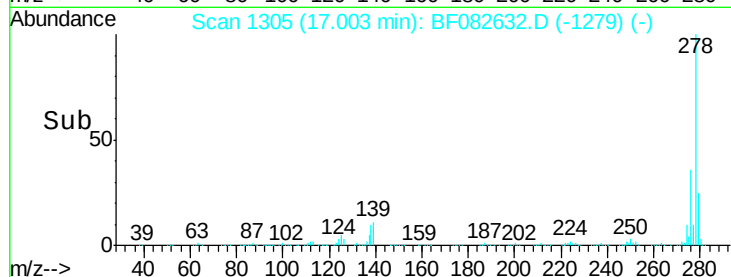
279 24.5 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 37.88 ng

RT: 17.41 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF082632.D

Acq: 31 Oct 2015 20:25

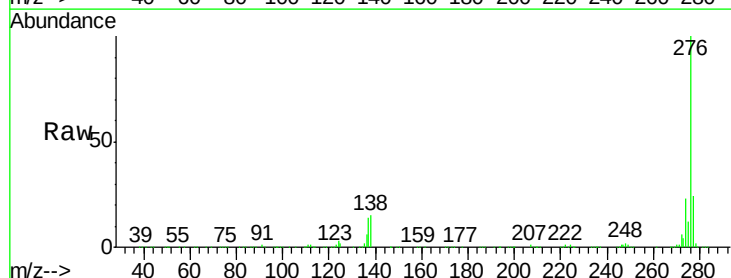
Tgt Ion: 276 Resp: 913187

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 15.2 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

