

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082832.D
 Acq On : 9 Nov 2015 15:32
 Operator : UM/IZ
 Sample : PB86454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Quant Time: Nov 10 02:50:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	250444	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	956799	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	444601	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	836906	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	713629	20.00	ng	-0.02
86) Perylene-d12	15.44	264	661745	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1787678	111.06	ng	0.00
7) Phenol-d6	6.48	99	2230640	104.24	ng	0.00
23) Nitrobenzene-d5	7.40	82	1676692	76.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	579067	113.59	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2252112	72.60	ng	-0.02
78) Terphenyl-d14	12.95	244	2344257	77.91	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	245473	35.34	ng	97
3) Pyridine	3.25	79	731813	36.31	ng	95
4) n-Nitrosodimethylamine	3.20	42	359766	35.99	ng	# 75
6) Aniline	6.49	93	632040	21.04	ng	# 1
8) 2-Chlorophenol	6.62	128	646553	36.24	ng	96
9) Benzaldehyde	6.37	77	74459	6.30	ng	81
10) Phenol	6.49	94	889967	36.65	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	629441	34.67	ng	92
12) 1,3-Dichlorobenzene	6.77	146	736371	36.59	ng	# 87
13) 1,4-Dichlorobenzene	6.77	146	736371	35.17	ng	95
14) 1,2-Dichlorobenzene	7.00	146	655058	34.40	ng	98
15) Benzyl Alcohol	6.98	79	686627	36.54	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1017952	38.22	ng	97
17) 2-Methylphenol	7.09	107	541577	35.83	ng	99
18) Hexachloroethane	7.34	117	263240	35.15	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	501306	31.87	ng	89
20) 3+4-Methylphenols	7.25	107	729814	37.14	ng	# 72
22) Acetophenone	7.24	105	930778	33.95	ng	# 91
24) Nitrobenzene	7.41	77	739368	32.88	ng	91
25) Isophorone	7.66	82	1414457	34.77	ng	# 94
26) 2-Nitrophenol	7.73	139	347873	37.06	ng	# 74
27) 2,4-Dimethylphenol	7.78	122	615215	36.48	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	808563	35.23	ng	97
29) 2,4-Dichlorophenol	7.98	162	568812	37.32	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	628812	36.68	ng	95
31) Naphthalene	8.14	128	1885209	35.71	ng	99
32) Benzoic acid	7.92	122	437368	37.88	ng	86
33) 4-Chloroaniline	8.19	127	311772	13.70	ng	# 84
34) Hexachlorobutadiene	8.27	225	371080	34.59	ng	97
35) Caprolactam	8.56	113	109827	22.85	ng	91
36) 4-Chloro-3-methylphenol	8.68	107	665083	37.10	ng	# 86
37) 2-Methylnaphthalene	8.83	142	1143030	33.47	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	557262	38.14	ng	97
40) Hexachlorocyclopentadiene	8.99	237	661002	84.21	ng	100

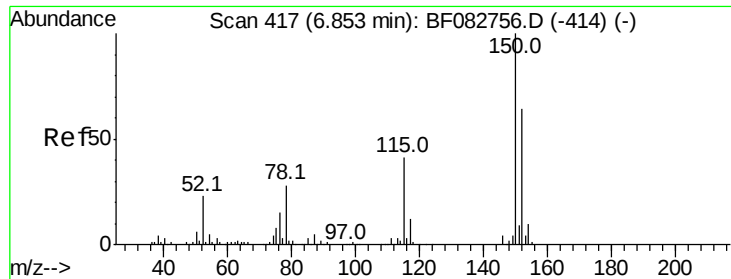
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082832.D
 Acq On : 9 Nov 2015 15:32
 Operator : UM/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	458380	42.03	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	405925	37.63	nq	# 83
45) 1,1'-Biphenyl	9.30	154	1496928	39.24	nq	97
46) 2-Chloronaphthalene	9.32	162	1184672	39.81	nq	99
47) 2-Nitroaniline	9.41	65	450090	40.77	nq	# 82
48) Acenaphthylene	9.73	152	1664356	35.69	nq	99
49) Dimethylphthalate	9.61	163	1406264	38.61	nq	# 97
50) 2,6-Dinitrotoluene	9.65	165	301276	38.76	nq	91
51) Acenaphthene	9.90	154	1179438	39.90	nq	99
52) 3-Nitroaniline	9.82	138	198642	23.24	nq	# 69
53) 2,4-Dinitrophenol	9.93	184	329955	77.32	nq	# 30
54) Dibenzofuran	10.08	168	1496179	37.54	nq	94
55) 4-Nitrophenol	10.00	139	482024	73.51	nq	84
56) 2,4-Dinitrotoluene	10.06	165	454148	43.07	nq	# 78
57) Fluorene	10.42	166	1124230	34.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	364389	41.39	nq	# 86
59) Diethylphthalate	10.30	149	1375133	38.66	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	622258	38.53	nq	95
61) 4-Nitroaniline	10.44	138	324702	37.77	nq	# 77
62) Azobenzene	10.58	77	1569145	41.07	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	216489	36.31	nq	# 44
65) n-Nitrosodiphenylamine	10.53	169	1034592	34.22	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	353816	35.11	nq	# 69
67) Hexachlorobenzene	10.97	284	385338	34.25	nq	# 88
68) Atrazine	11.06	200	370534	39.63	nq	97
69) Pentachlorophenol	11.16	266	455222	66.62	nq	98
70) Phenanthrene	11.38	178	1690073	34.77	nq	100
71) Anthracene	11.44	178	1903836	37.19	nq	98
72) Carbazole	11.58	167	1686918	37.64	nq	99
73) Di-n-butylphthalate	11.93	149	2078284	37.22	nq	# 98
74) Fluoranthene	12.57	202	1941908	37.23	nq	98
76) Benzidine	12.68	184	810176	33.88	nq	100
77) Pyrene	12.80	202	2023040	41.28	nq	99
79) Butylbenzylphthalate	13.43	149	870965	40.23	nq	# 75
80) Benzo(a)anthracene	13.99	228	1739082	38.97	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	380383	23.98	nq	# 97
82) Chrysene	14.02	228	1402324	34.31	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	1094305	36.93	nq	# 97
84) Di-n-octyl phthalate	14.61	149	1900804	38.45	nq	99
85) Indeno(1,2,3-cd)pyrene	16.82	276	1420252	40.35	nq	97
87) Benzo(b)fluoranthene	15.06	252	2962184	69.74	nq	# 96
88) Benzo(k)fluoranthene	15.06	252	2963961	78.66	nq	# 96
89) Benzo(a)pyrene	15.38	252	1419544	38.57	nq	98
90) Dibenzo(a,h)anthracene	16.84	278	1189074	38.16	nq	99
91) Benzo(g,h,i)perylene	17.24	276	1151730	38.59	nq	98

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

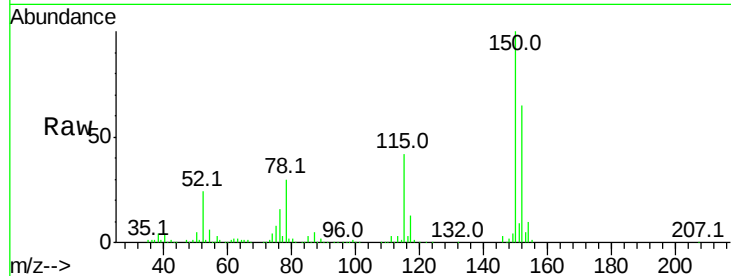


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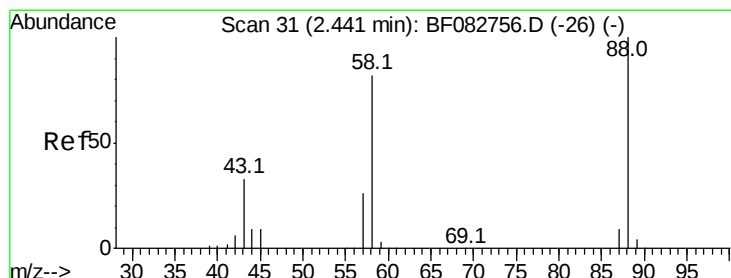
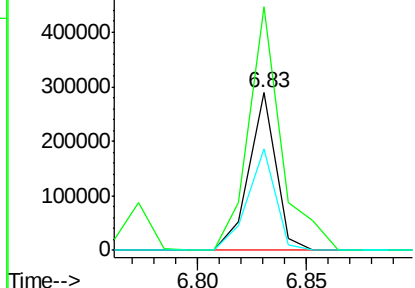
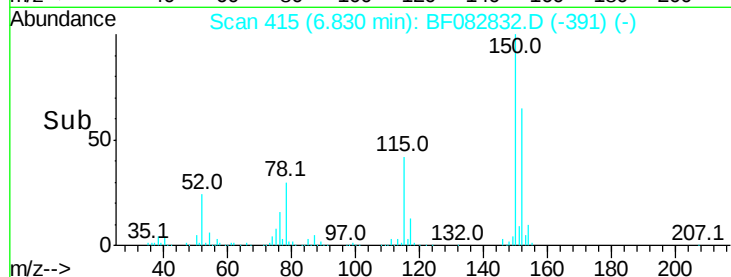
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion:152 Resp: 250444
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.4
115 64.8 47.0 70.6



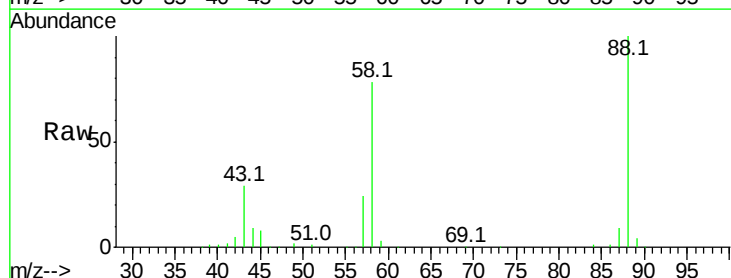
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



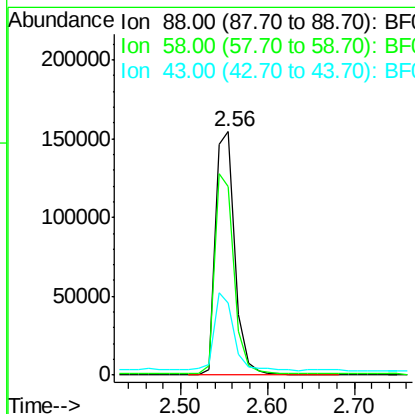
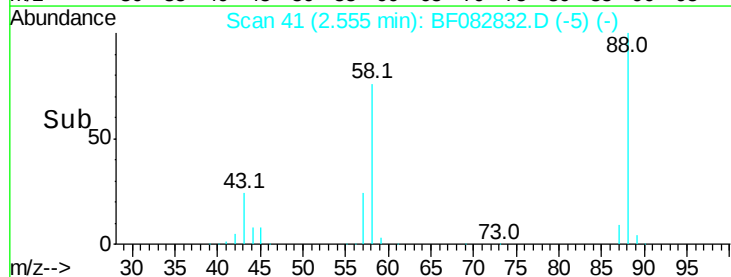
#2

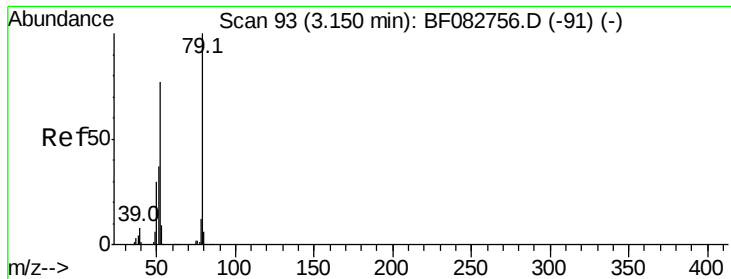
1,4-Dioxane
Concen: 35.34 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.11 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion: 88 Resp: 245473
Ion Ratio Lower Upper
88 100
58 80.0 62.0 93.0
43 30.4 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

Pvridine

Concen: 36.31 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.09 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

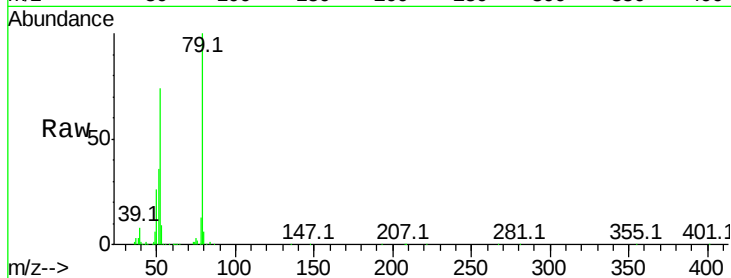
Tot Ion: 79 Resp: 731813

Ion Ratio Lower Upper

79 100

52 74.4 62.8 94.2

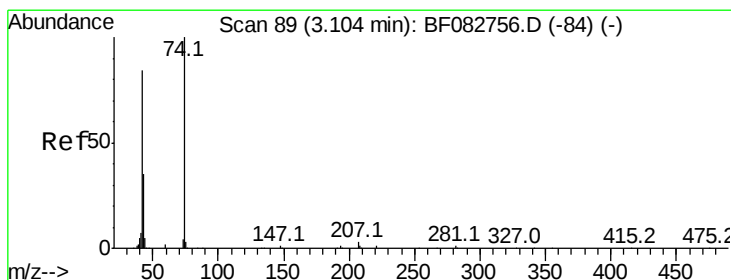
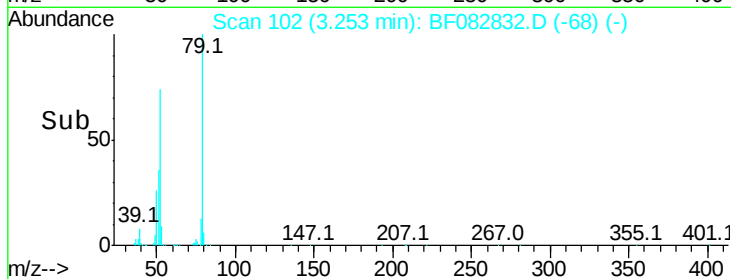
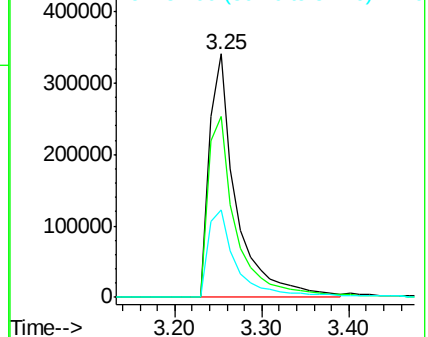
51 36.2 32.0 48.0



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: 35.99 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.10 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

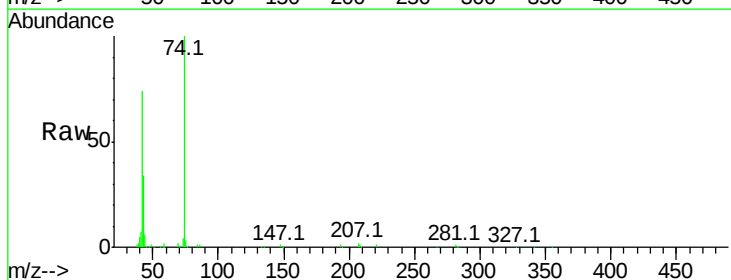
Tgt Ion: 42 Resp: 359766

Ion Ratio Lower Upper

42 100

74 136.0 87.0 130.4#

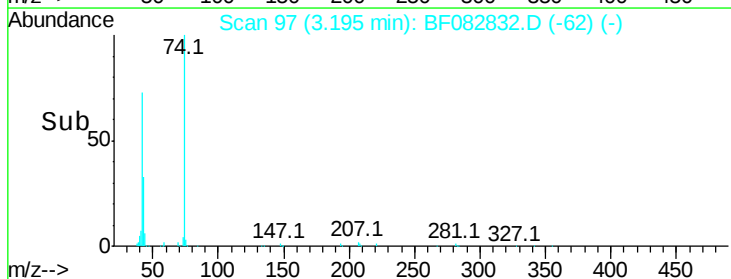
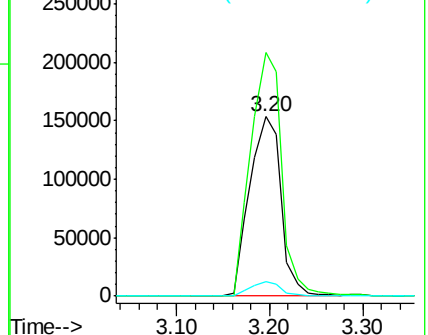
44 8.1 5.8 8.8

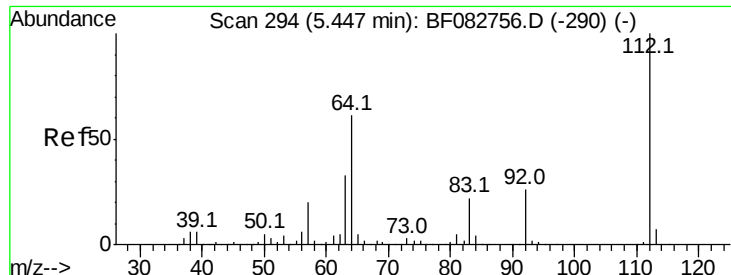


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.06 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

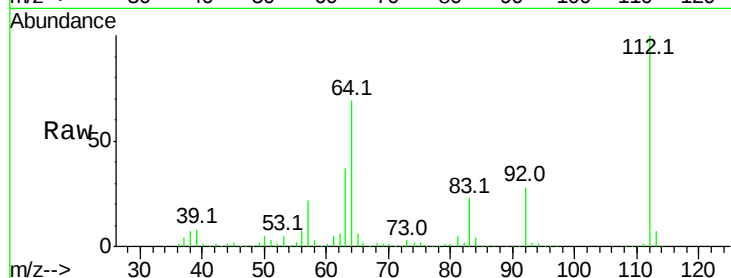
Tot Ion:112 Resp: 1787678

Ion Ratio Lower Upper

112 100

64 68.8 48.9 73.3

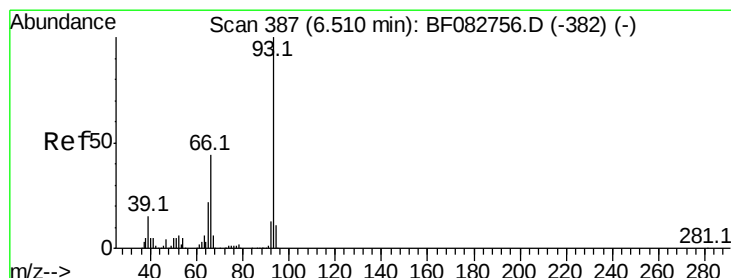
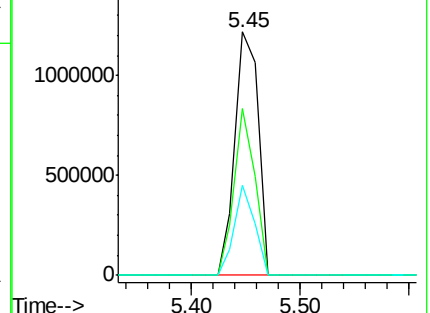
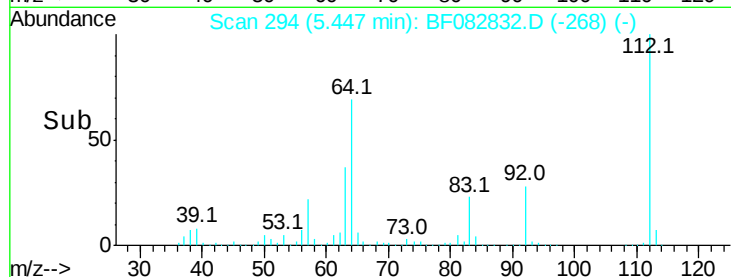
63 36.9 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.04 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

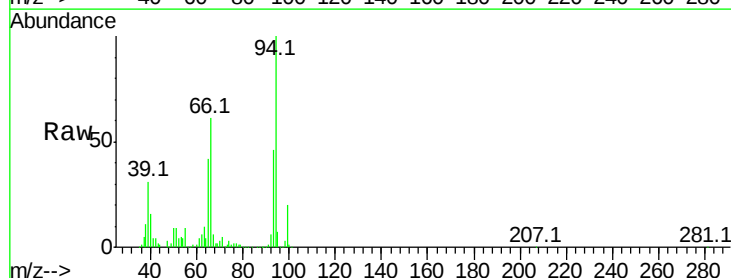
Tgt Ion: 93 Resp: 632040

Ion Ratio Lower Upper

93 100

66 132.3 33.6 50.4#

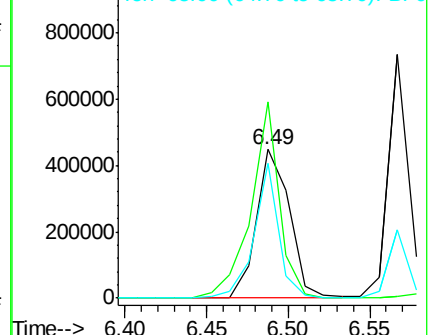
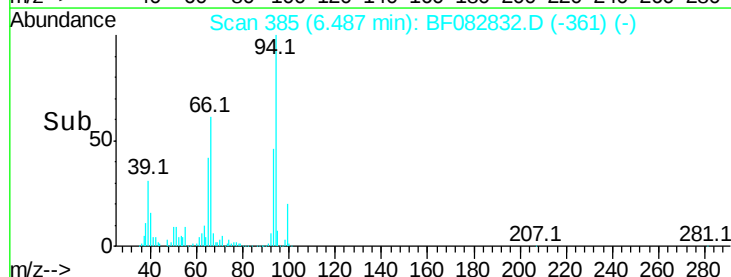
65 91.0 18.1 27.1#

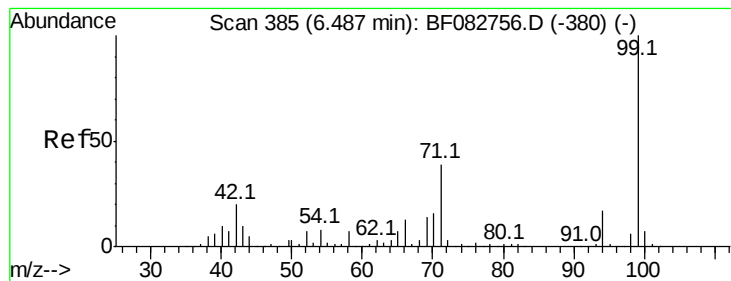


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.24 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

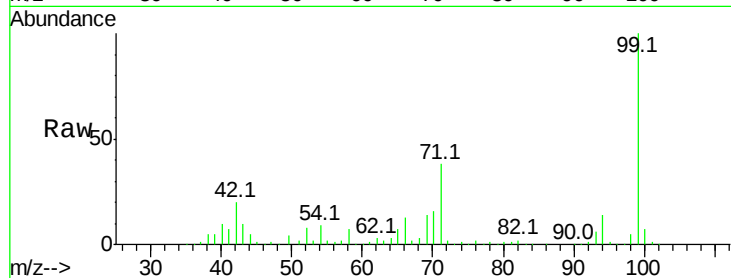
Tot Ion: 99 Resp: 2230640

Ion	Ratio	Lower	Upper
99	100		
42	20.2	19.2	28.8
71	38.1	35.0	52.4

99 100

42 20.2 19.2 28.8

71 38.1 35.0 52.4

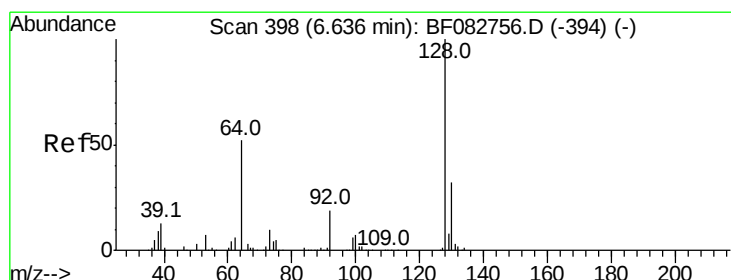
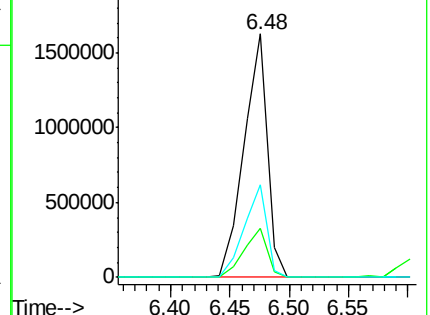
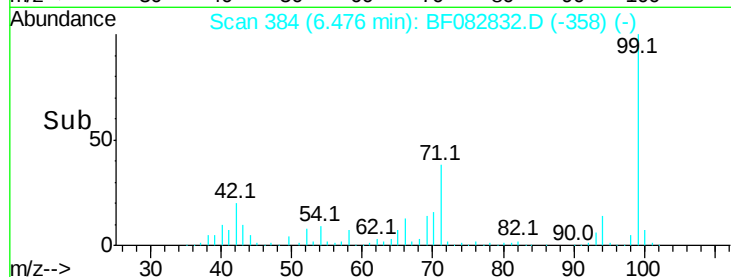


Abundance

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: 36.24 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

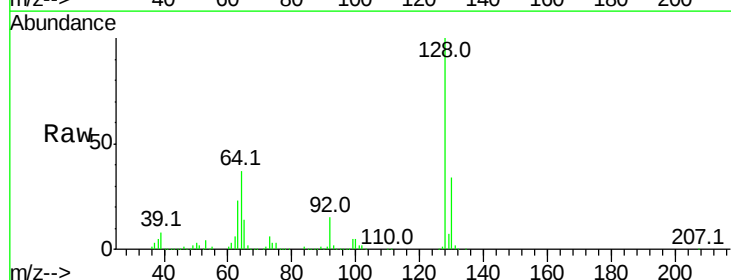
Tgt Ion: 128 Resp: 646553

Ion	Ratio	Lower	Upper
128	100		
130	34.2	13.5	53.5
64	37.0	21.1	61.1

128 100

130 34.2 13.5 53.5

64 37.0 21.1 61.1

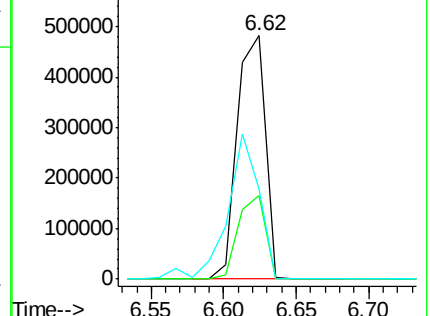
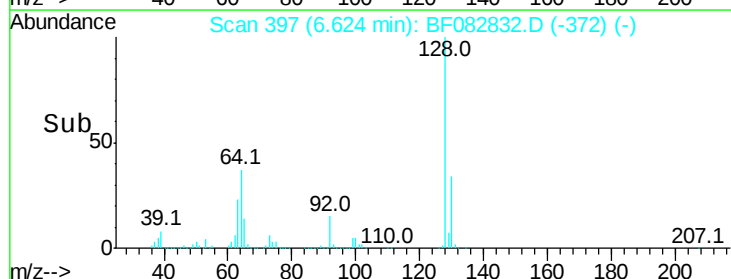


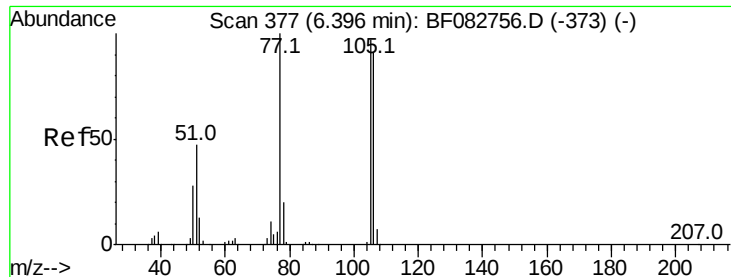
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.30 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

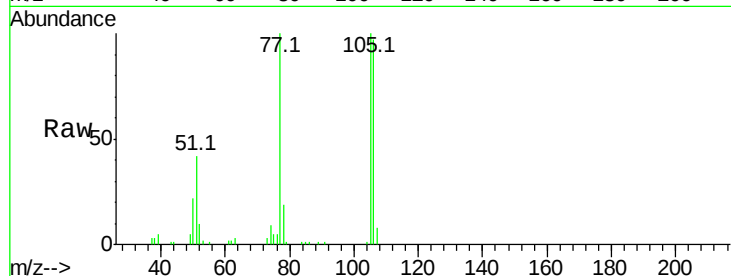
Tot Ion: 77 Resp: 74459

Ion Ratio Lower Upper

77 100

105 100.4 63.5 103.5

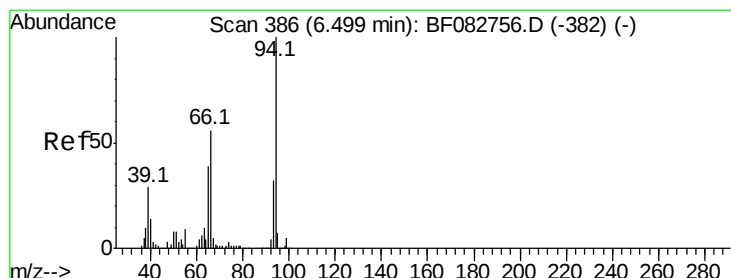
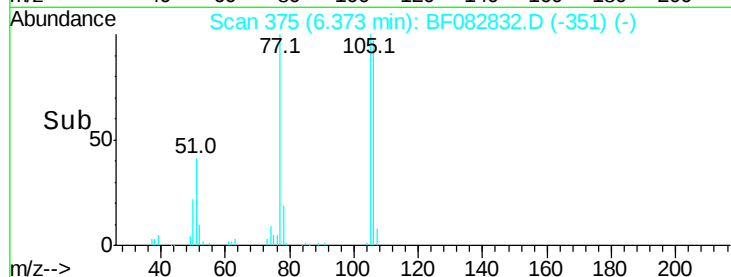
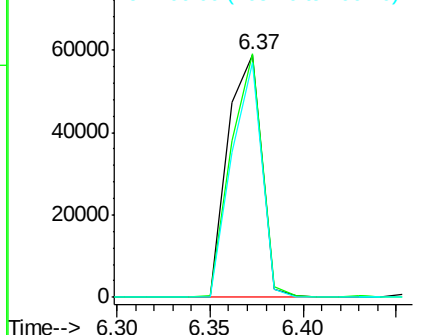
106 97.0 59.3 99.3



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: 36.65 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

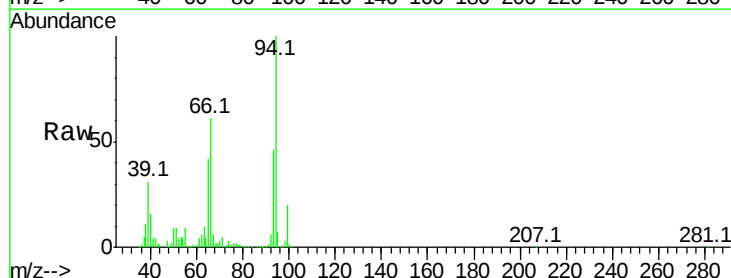
Tgt Ion: 94 Resp: 889967

Ion Ratio Lower Upper

94 100

65 41.9 18.9 58.9

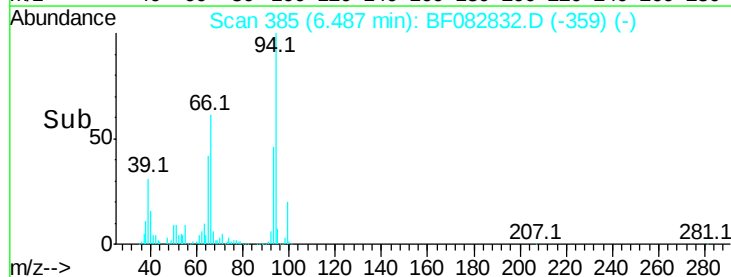
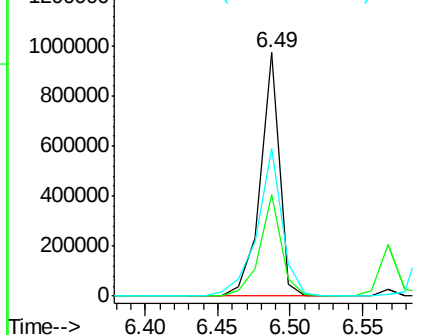
66 60.8 34.9 74.9

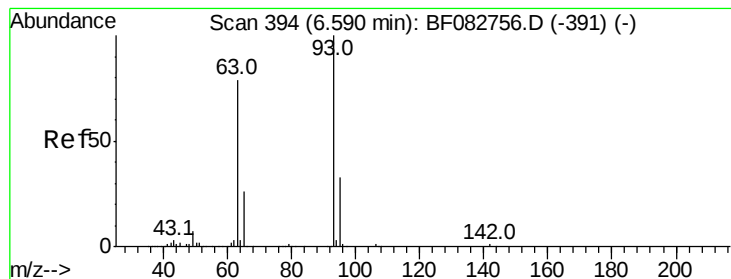


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.67 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

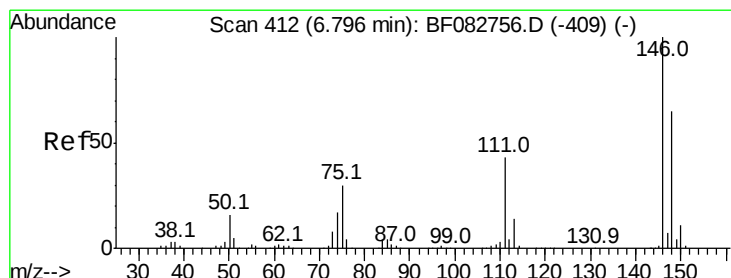
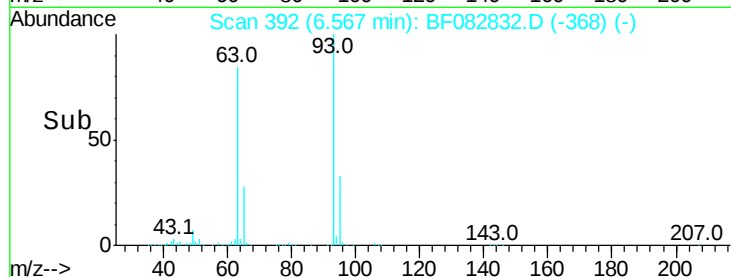
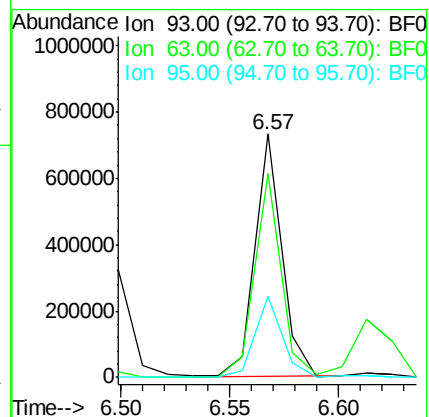
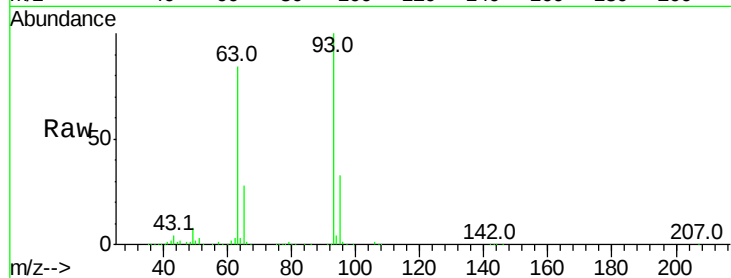
Tot Ion: 93 Resp: 629441

Ion Ratio Lower Upper

93 100

63 83.7 72.7 112.7

95 33.4 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 36.59 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

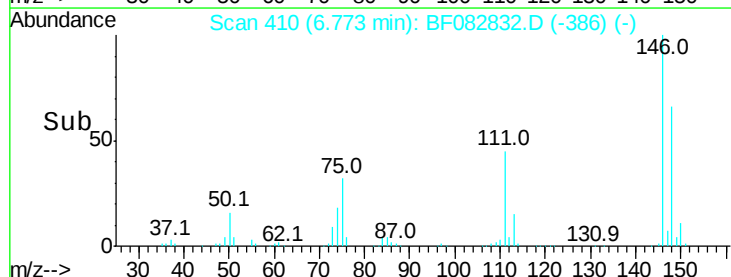
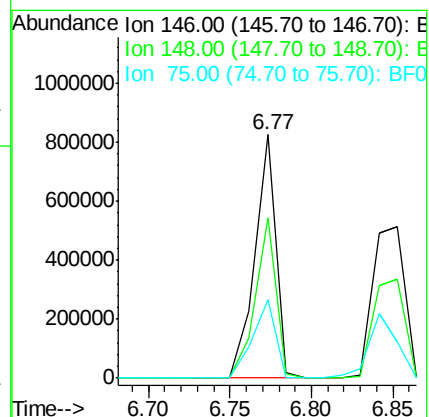
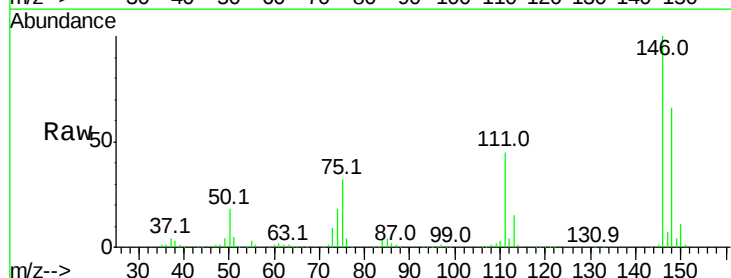
Tgt Ion: 146 Resp: 736371

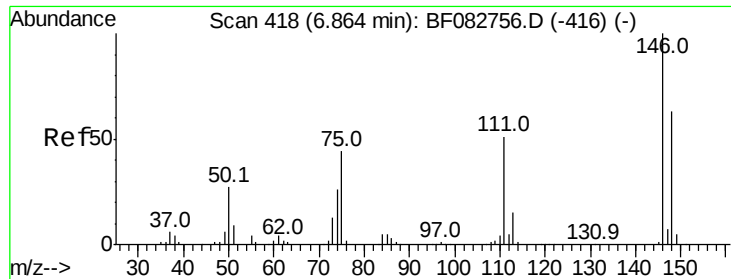
Ion Ratio Lower Upper

146 100

148 65.7 50.5 75.7

75 32.1 39.5 59.3#





#13

1,4-Dichlorobenzene

Concen: 35.17 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

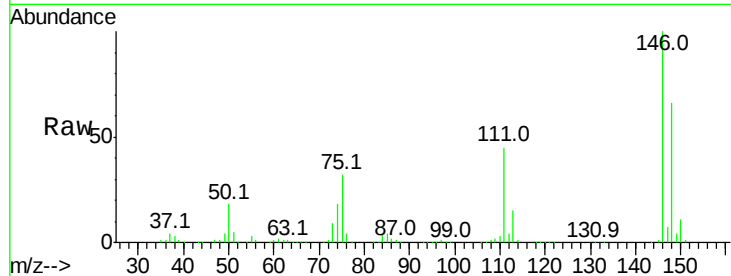
Tot Ion:146 Resp: 736371

Ion Ratio Lower Upper

146 100

148 65.7 50.8 76.2

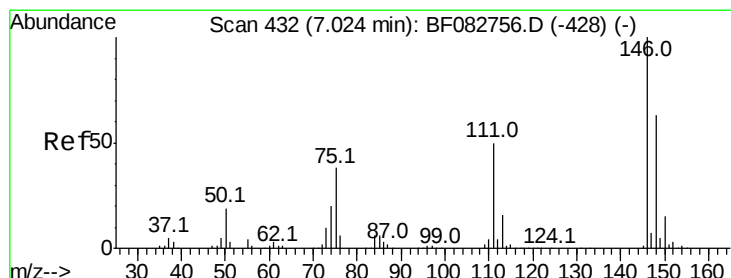
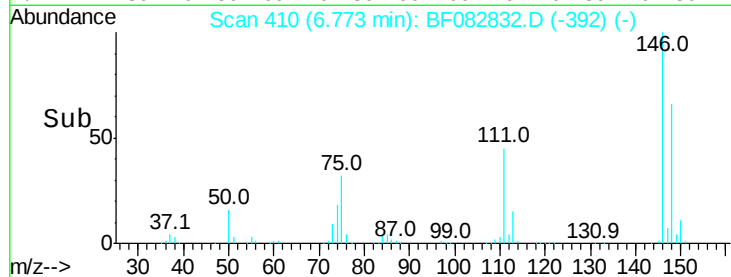
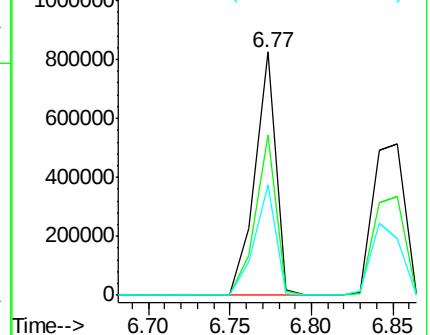
111 45.4 40.6 60.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.40 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

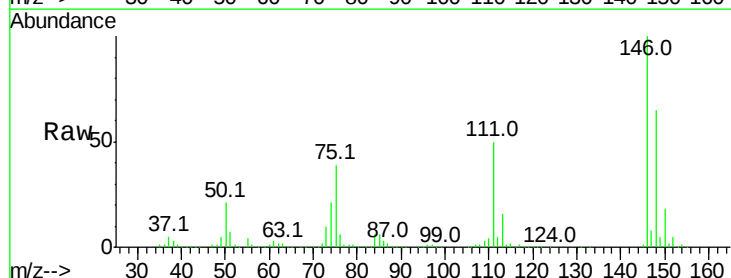
Tgt Ion:146 Resp: 655058

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.4

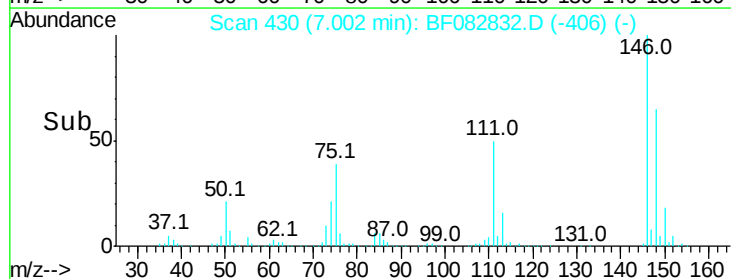
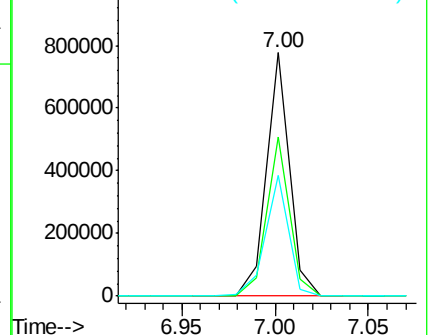
111 49.5 36.6 55.0

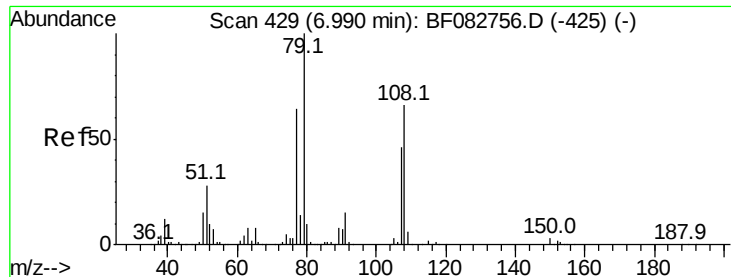


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.54 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

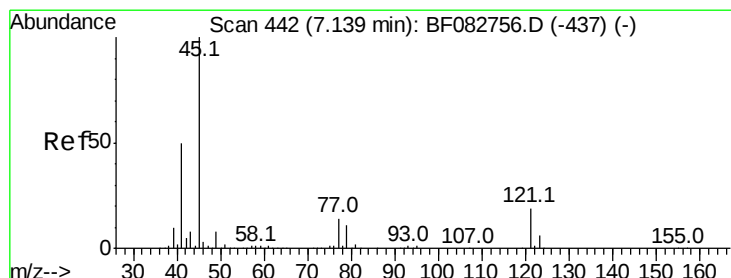
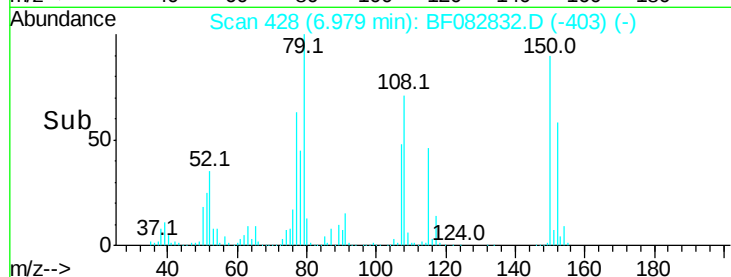
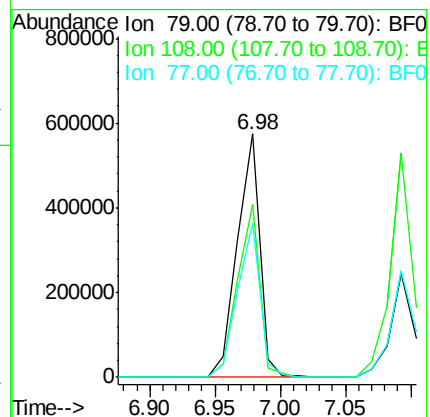
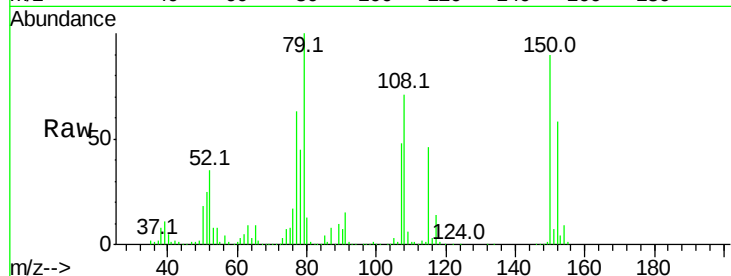
Tot Ion: 79 Resp: 686627

Ion Ratio Lower Upper

79 100

108 71.0 52.2 78.4

77 63.2 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.22 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

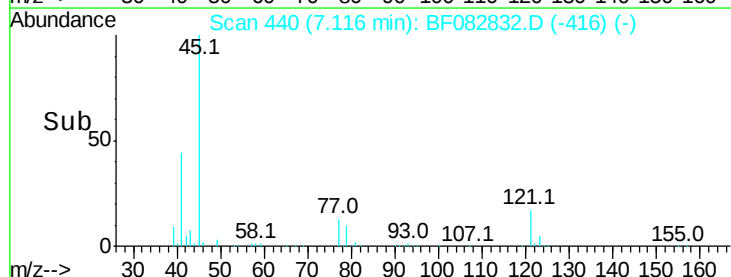
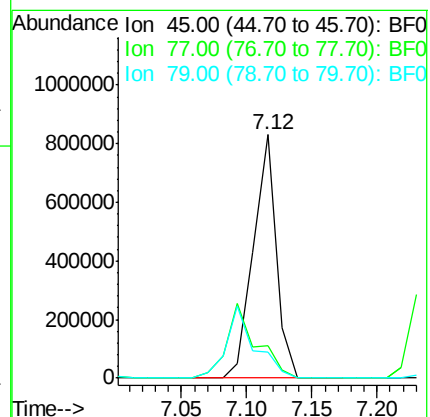
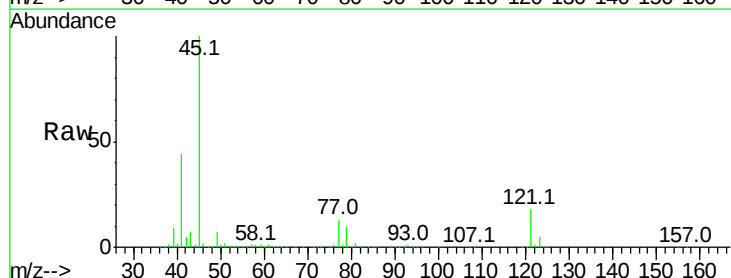
Tgt Ion: 45 Resp: 1017952

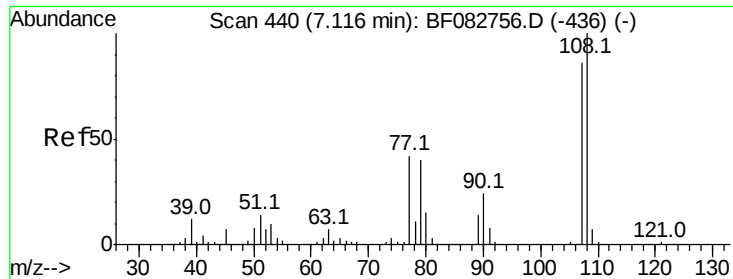
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.6

79 10.4 0.0 29.2

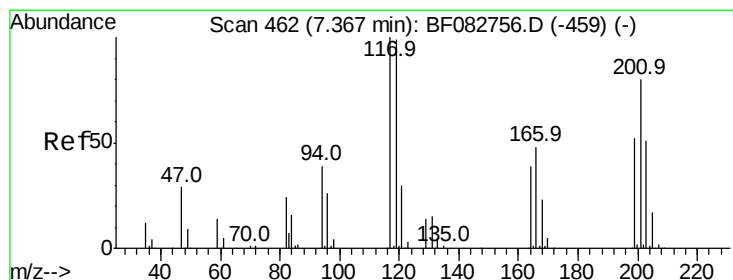
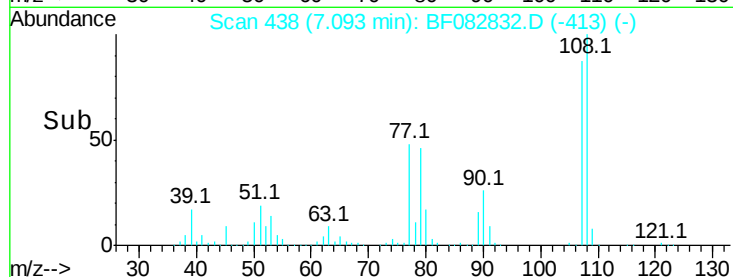
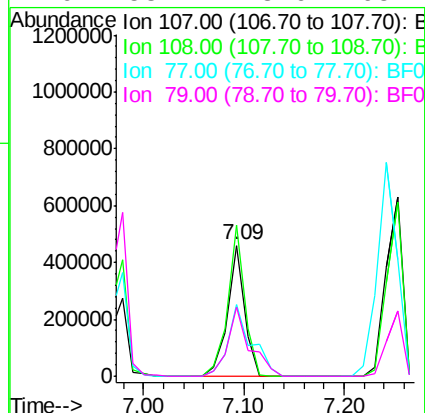
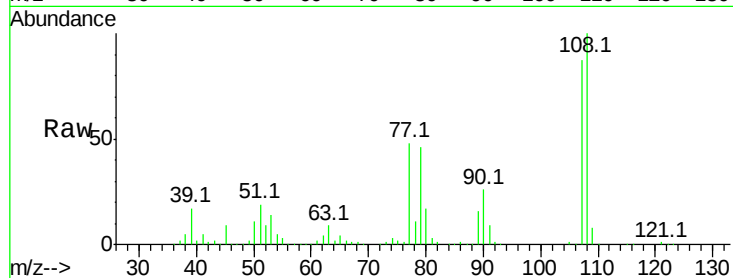




#17
2-Methylphenol
Concen: 35.83 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

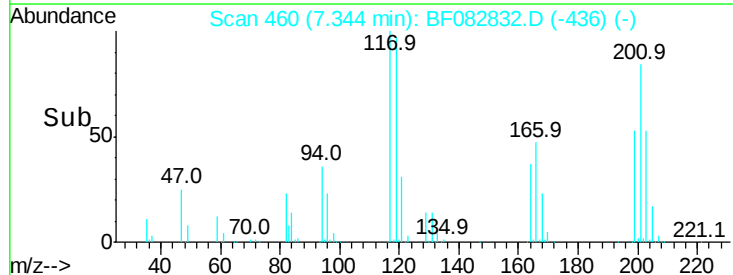
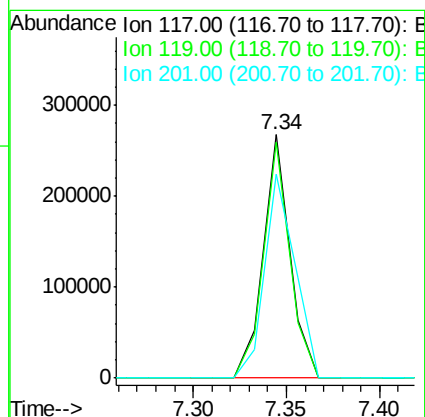
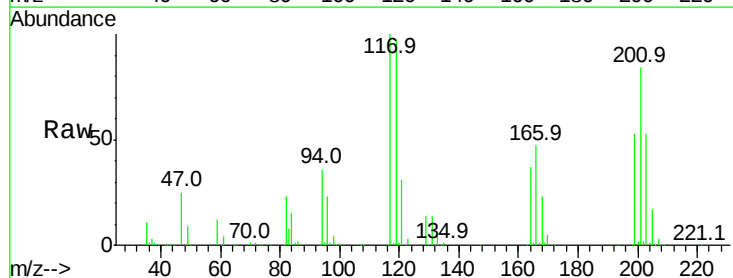
Instrument :
BNA_F
ClientSampleId :
PB86454BS

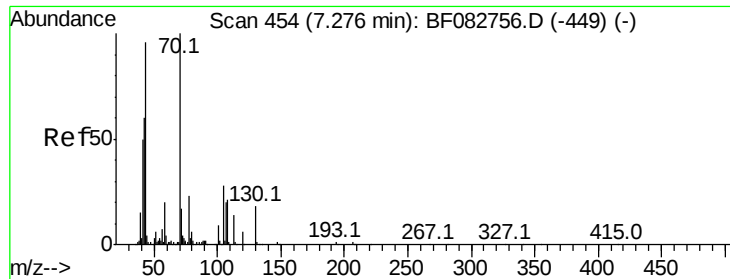
Tot Ion:	107	Resp:	541577
Ion	Ratio	Lower	Upper
107	100		
108	115.4	93.0	139.4
77	55.0	44.1	66.1
79	53.1	43.6	65.4



#18
Hexachloroethane
Concen: 35.15 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:	117	Resp:	263240
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.7	116.5
201	83.6	66.7	100.1

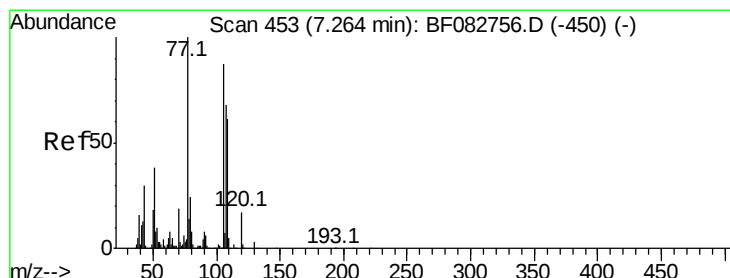
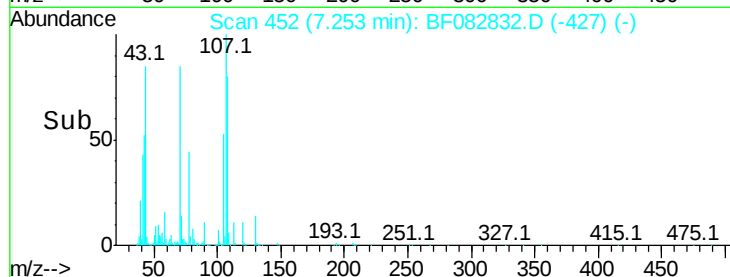
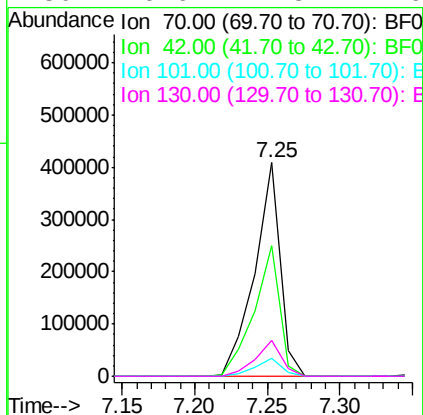
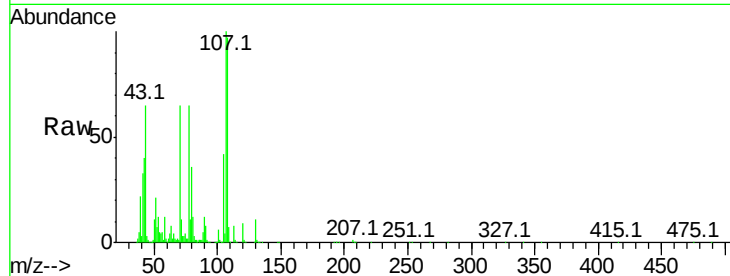




#19
n-Nitroso-di-n-propylamine
Concen: 31.87 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

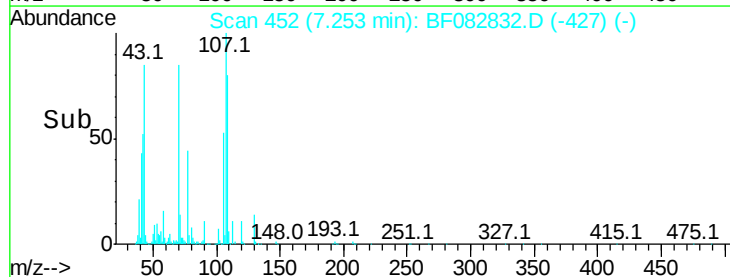
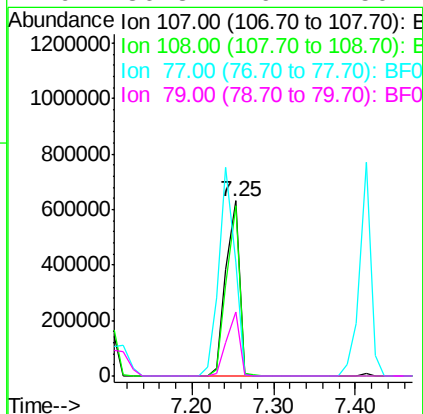
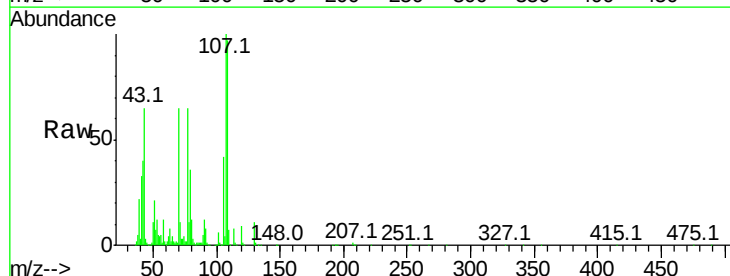
Instrument :
BNA_F
ClientSampleId :
PB86454BS

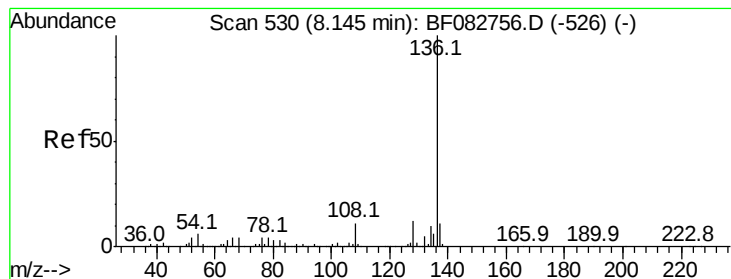
Tot Ion:	70	Resp:	501306
Ion	Ratio	Lower	Upper
70	100		
42	61.1	57.7	86.5
101	8.7	7.0	10.6
130	16.6	11.8	17.6



#20
3+4-Methylphenols
Concen: 37.14 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:	107	Resp:	729814
Ion	Ratio	Lower	Upper
107	100		
108	96.9	67.3	107.3
77	65.2	100.3	140.3
79	36.3	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tot Ion:136 Resp: 956799

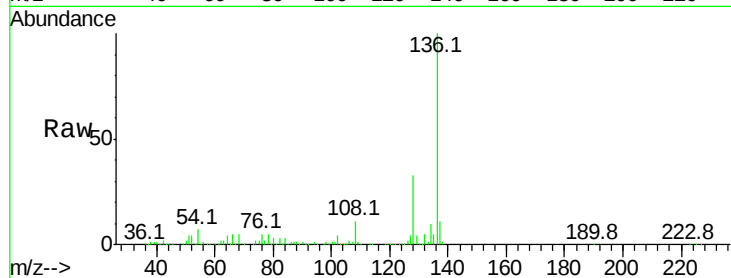
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.1 9.1 13.7#

68 5.4 4.8 7.2

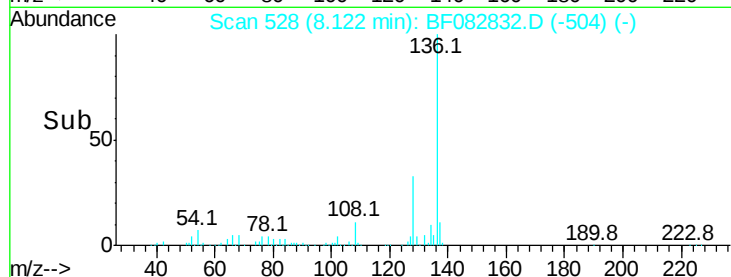


Abundance Ion 136.00 (135.70 to 136.70): E

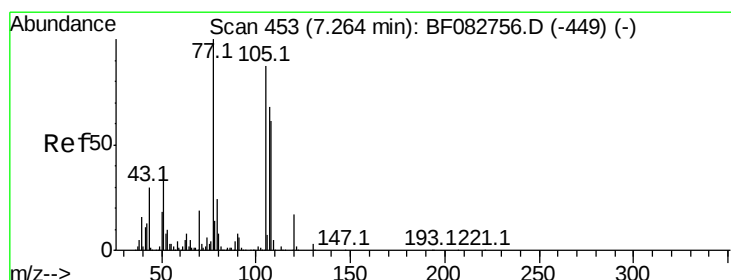
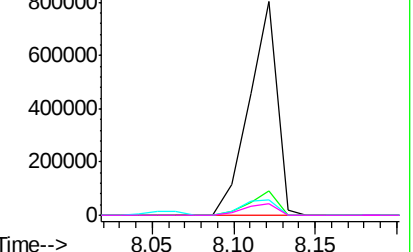
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 33.95 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:105 Resp: 930778

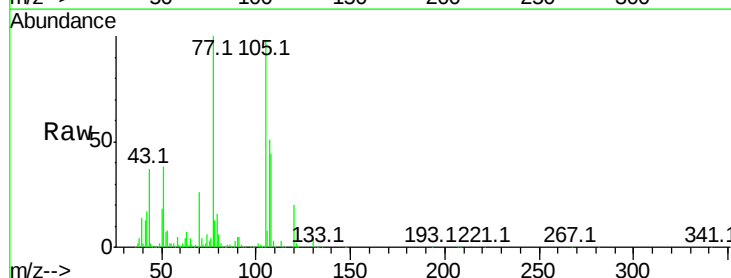
Ion Ratio Lower Upper

105 100

71 4.3 5.6 8.4#

51 39.0 24.9 37.3#

120 20.2 15.8 23.8

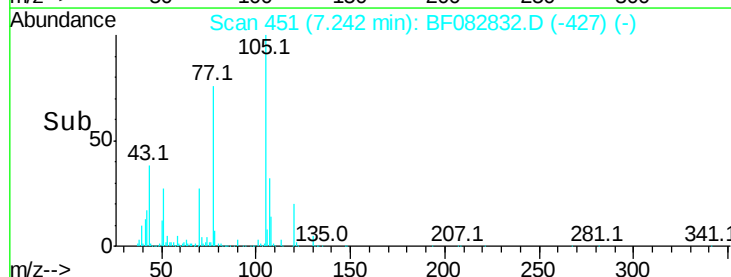


Abundance Ion 105.00 (104.70 to 105.70): E

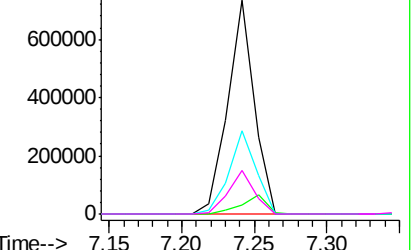
Ion 71.00 (70.70 to 71.70): BF0

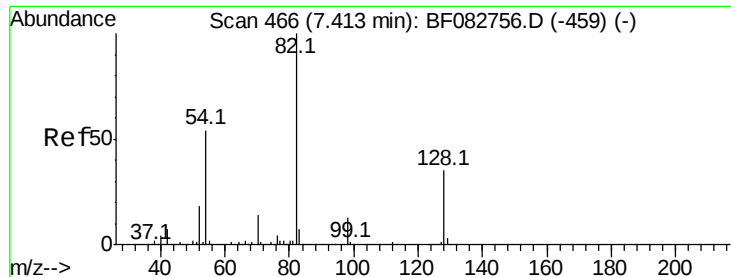
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

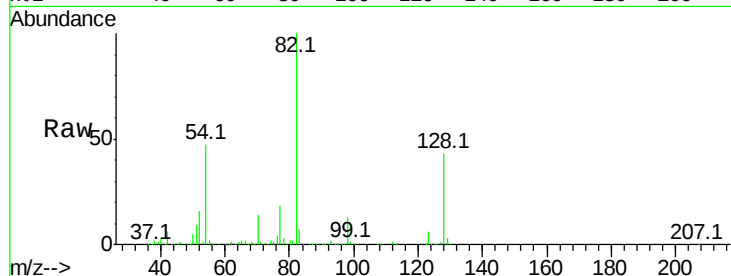




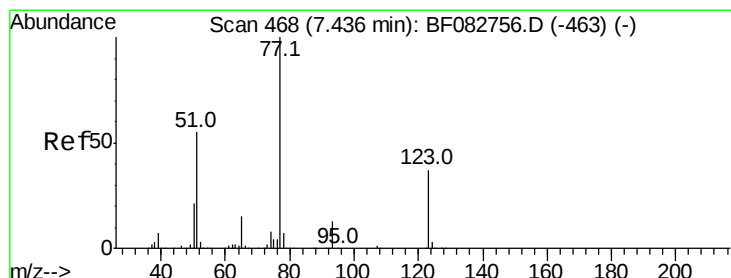
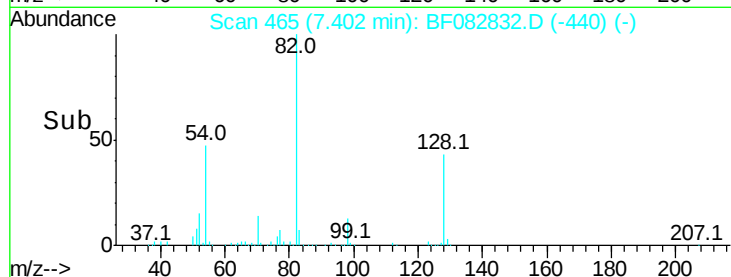
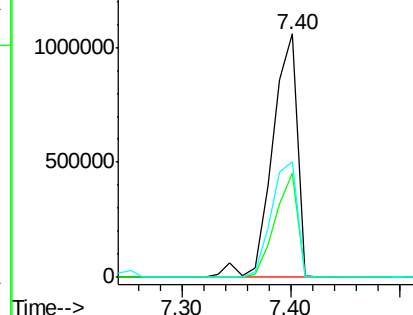
#23
Nitrobenzene-d5
Concen: 76.25 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampled :
PB86454BS

Tot Ion: 82 Resp: 1676692
Ion Ratio Lower Upper
82 100
128 42.6 26.8 40.2#
54 47.5 45.7 68.5

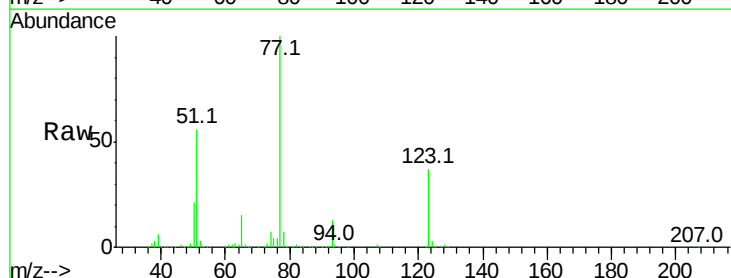


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

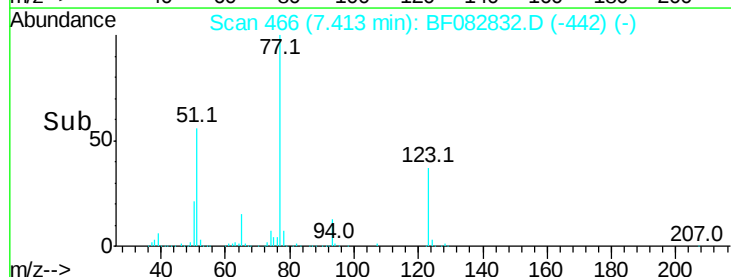
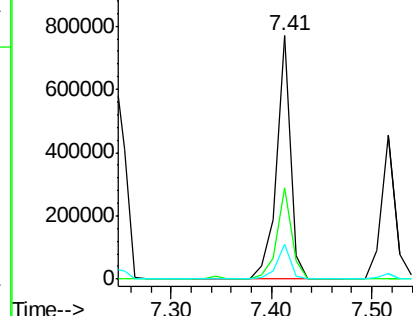


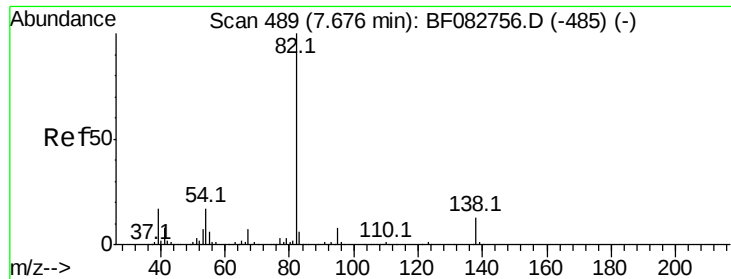
#24
Nitrobenzene
Concen: 32.88 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion: 77 Resp: 739368
Ion Ratio Lower Upper
77 100
123 37.4 36.4 54.6
65 14.5 11.5 17.3



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





#25

Isophorone

Concen: 34.77 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

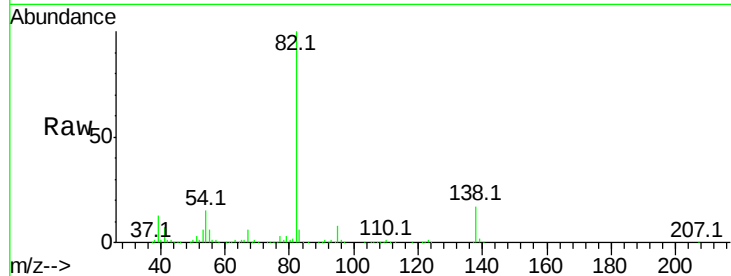
Tot Ion: 82 Resp: 1414457

Ion Ratio Lower Upper

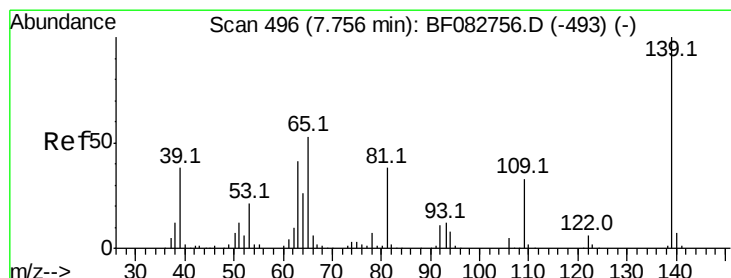
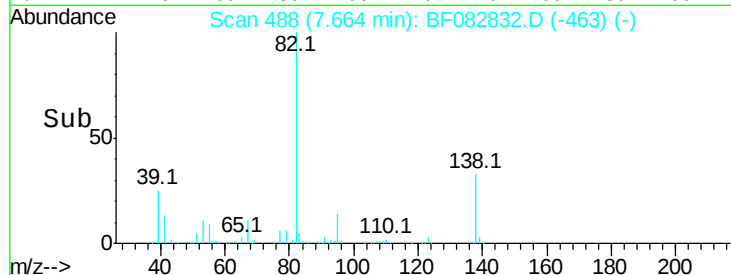
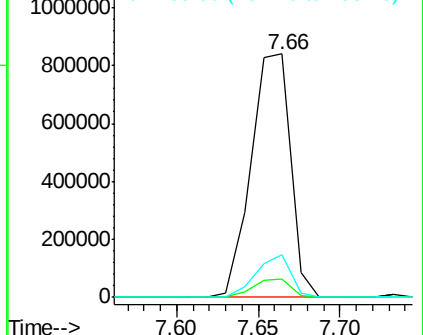
82 100

95 7.5 6.6 9.8

138 17.4 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: 37.06 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

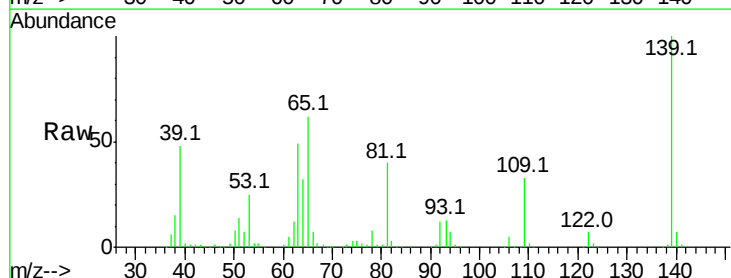
Tgt Ion:139 Resp: 347873

Ion Ratio Lower Upper

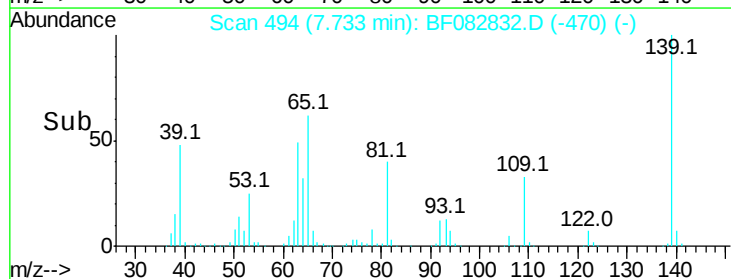
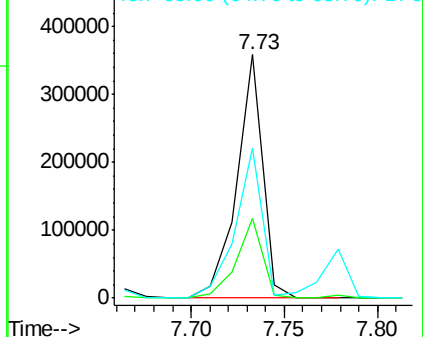
139 100

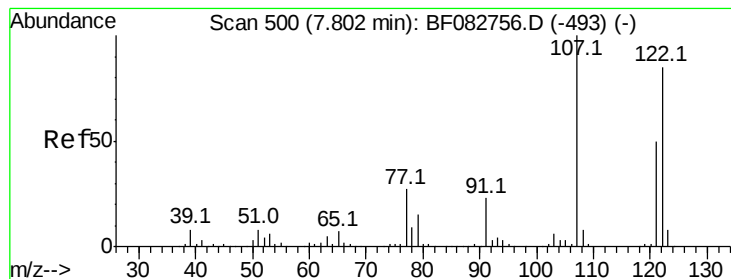
109 32.8 37.6 56.4#

65 61.9 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

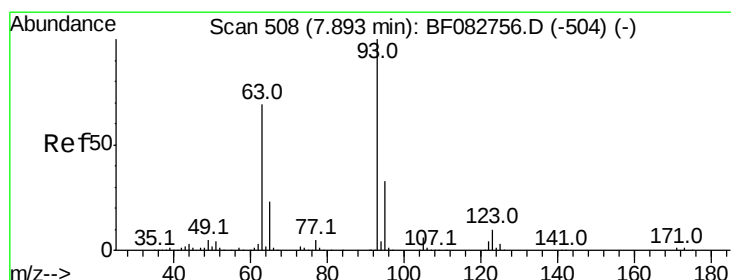
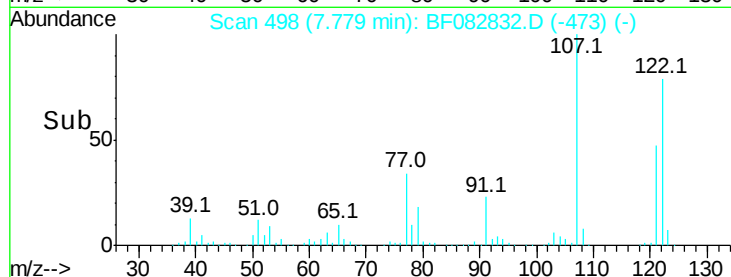
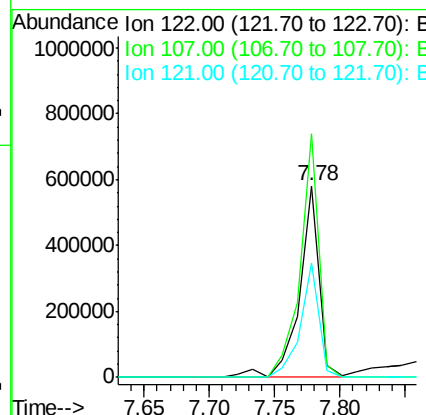
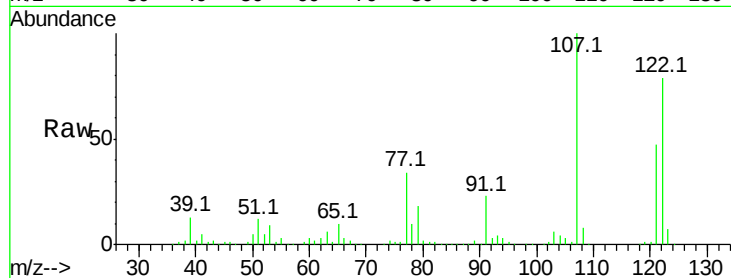




#27
 2,4-Dimethylphenol
 Concen: 36.48 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

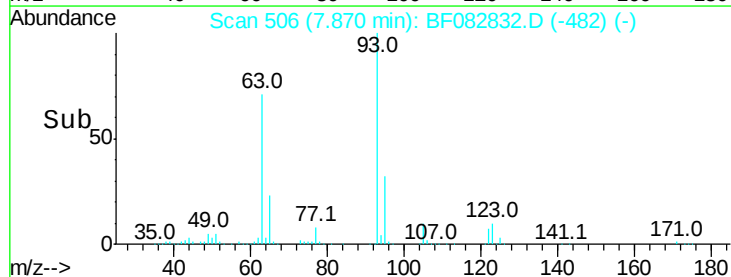
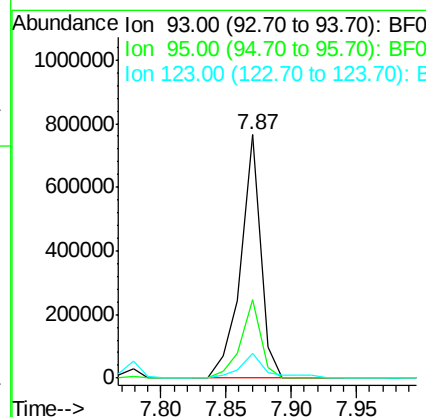
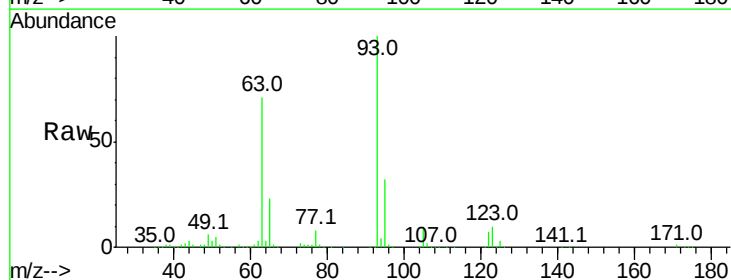
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

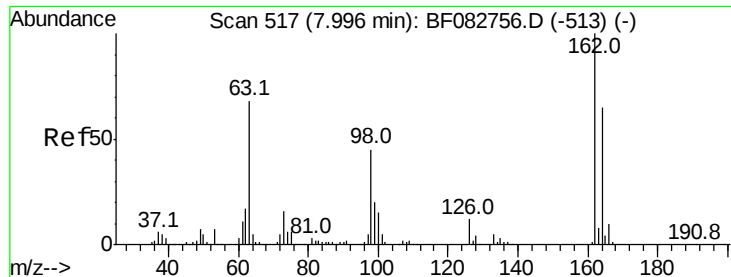
Tot Ion:122 Resp: 615215
 Ion Ratio Lower Upper
 122 100
 107 127.1 106.0 159.0
 121 59.4 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.23 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion: 93 Resp: 808563
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.6 40.0
 123 10.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 37.32 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampled :

PB86454BS

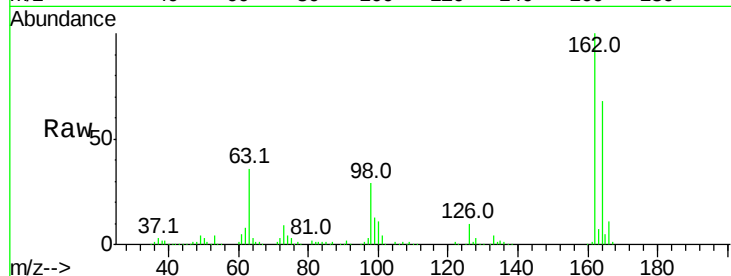
Tot Ion:162 Resp: 568812

Ion Ratio Lower Upper

162 100

164 67.6 46.8 86.8

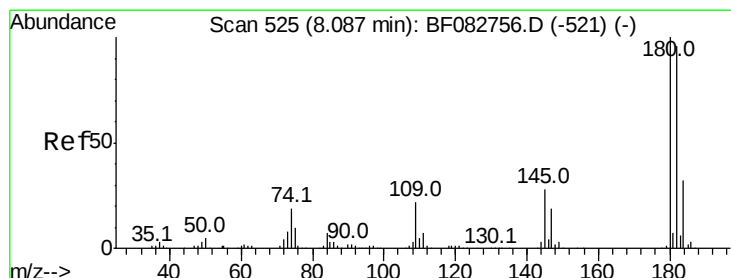
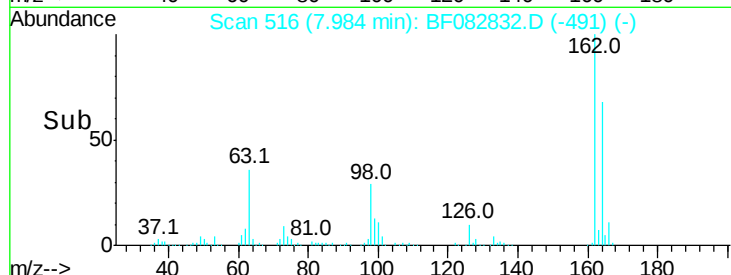
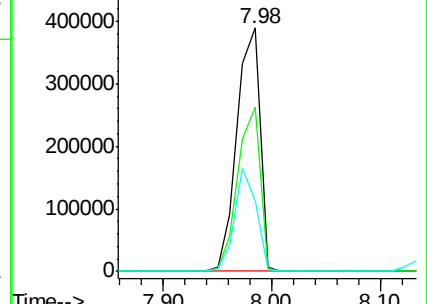
98 29.1 12.5 52.5



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: 36.68 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

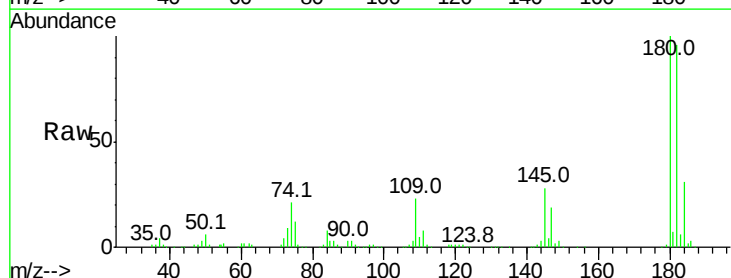
Tgt Ion:180 Resp: 628812

Ion Ratio Lower Upper

180 100

182 95.8 74.9 112.3

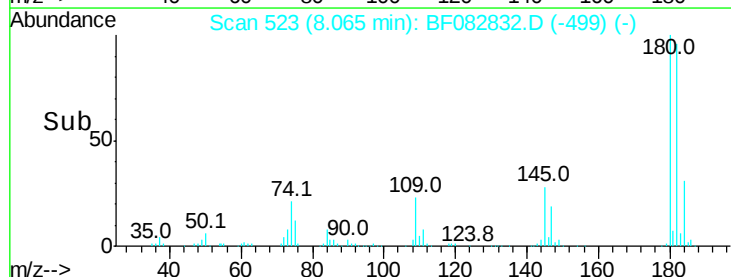
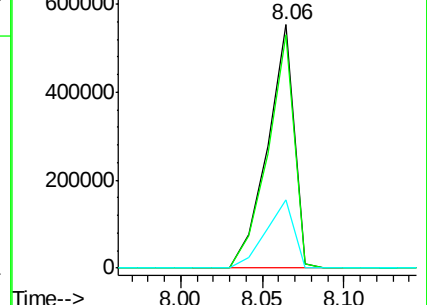
145 28.0 27.8 41.8

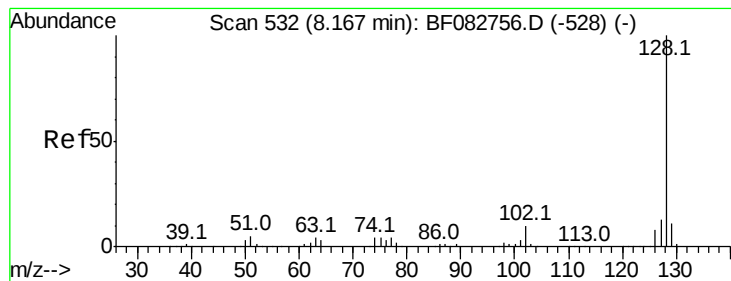


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.71 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

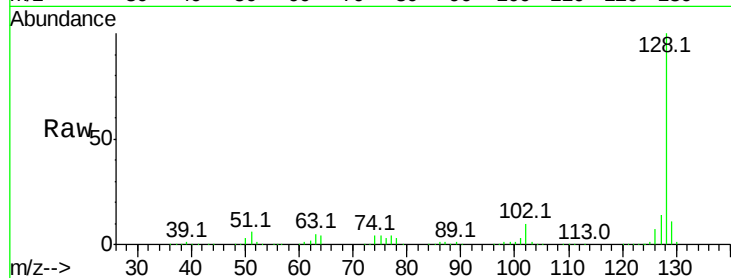
Tot Ion:128 Resp: 1885209

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

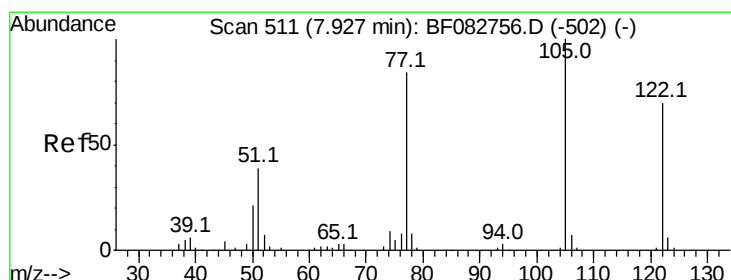
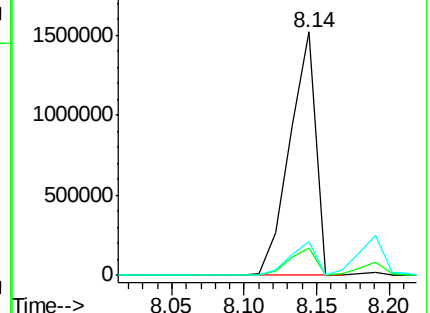
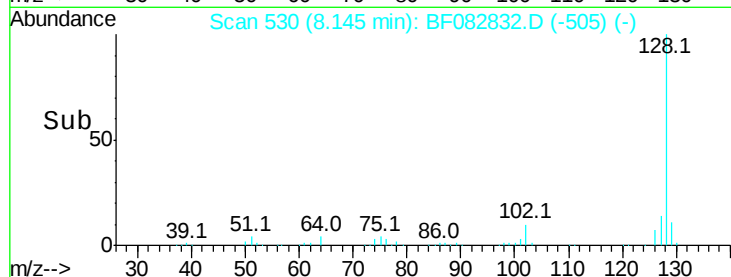
127 13.8 11.4 17.0



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: 37.88 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

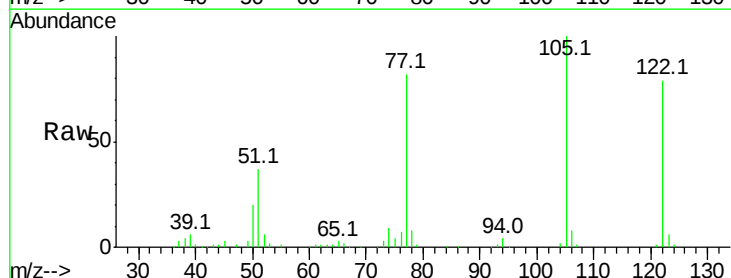
Tgt Ion:122 Resp: 437368

Ion Ratio Lower Upper

122 100

105 127.3 122.6 162.6

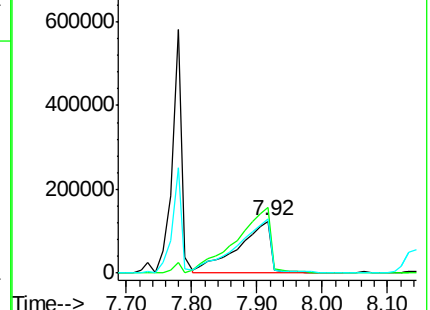
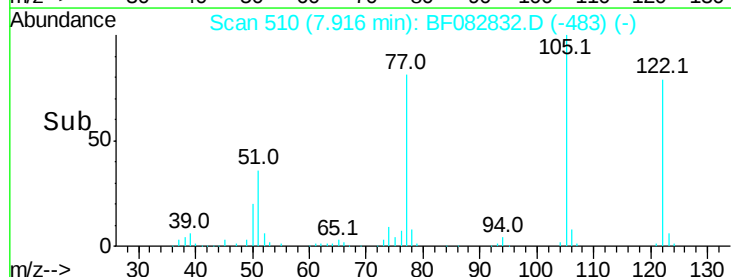
77 104.1 100.9 140.9

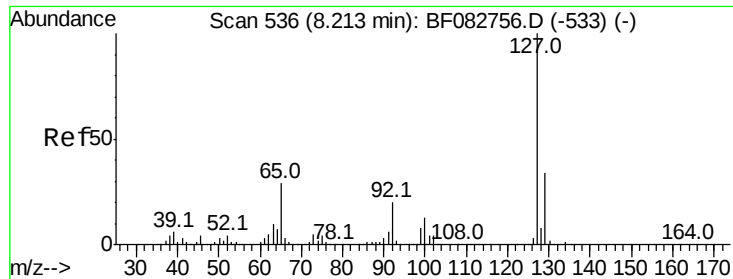


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

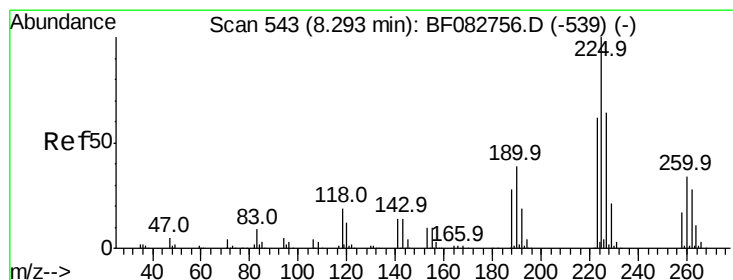
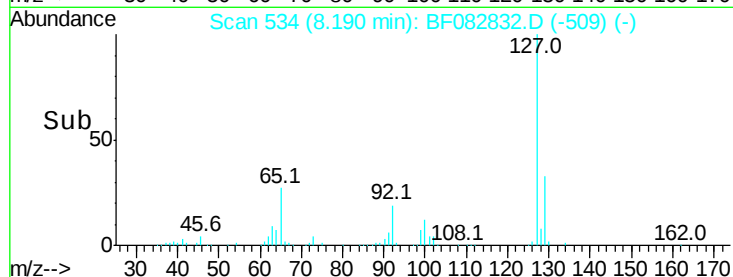
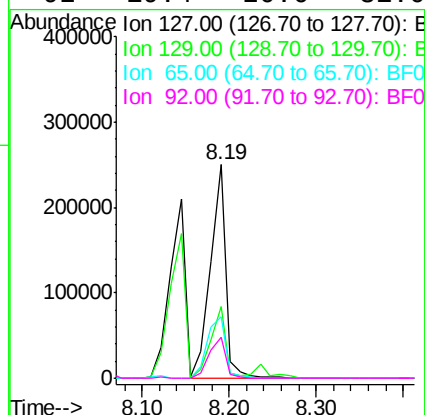
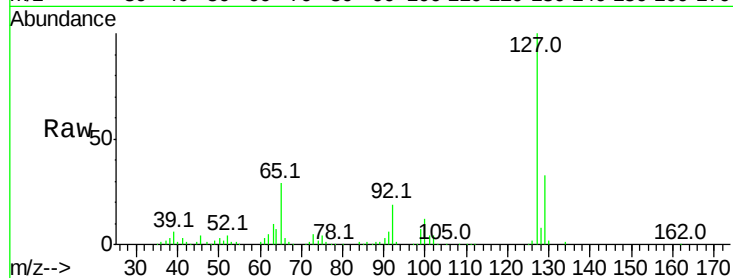




#33
4-Chloroaniline
Concen: 13.70 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

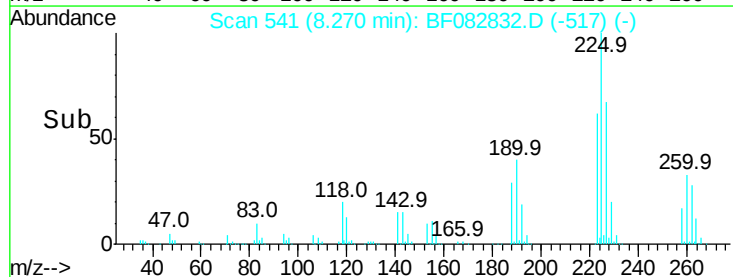
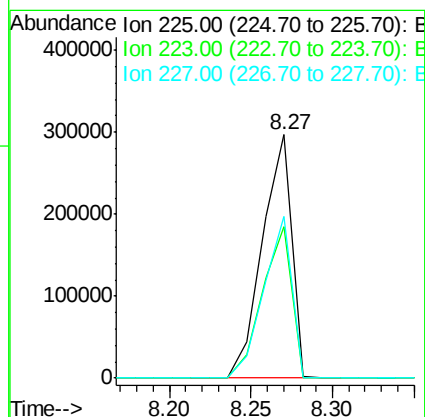
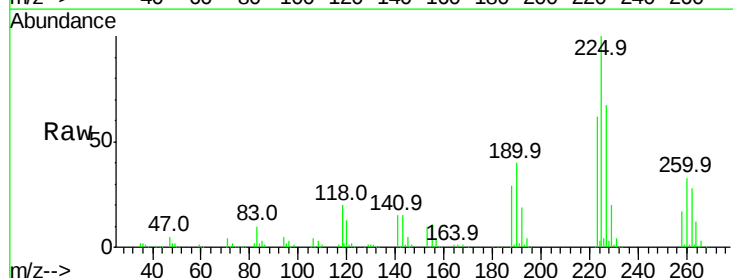
Instrument :
BNA_F
ClientSampleId :
PB86454BS

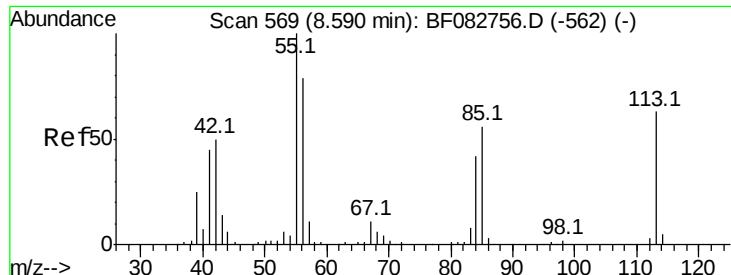
Tot Ion:	127	Resp:	311772
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	28.8	37.8	56.8#
92	19.4	20.6	31.0#



#34
Hexachlorobutadiene
Concen: 34.59 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:	225	Resp:	371080
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.5	75.7
227	66.5	50.2	75.2

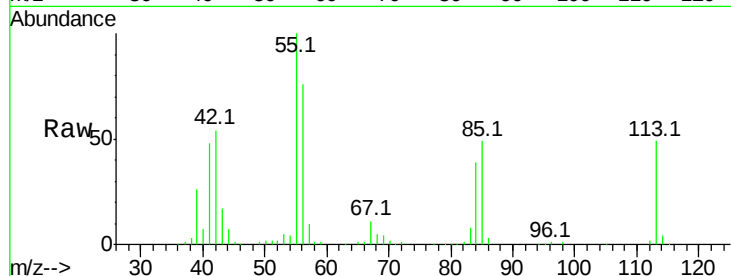




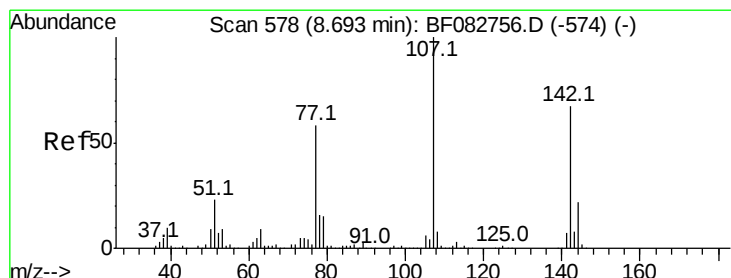
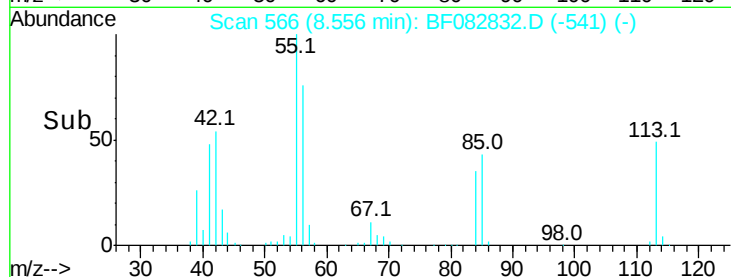
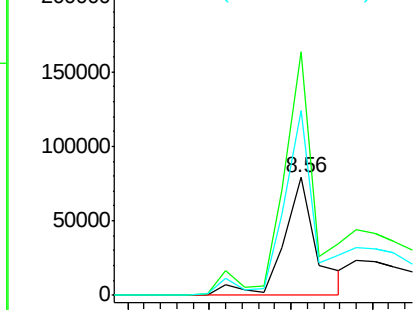
#35
Caprolactam
Concen: 22.85 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion:113 Resp: 109827
Ion Ratio Lower Upper
113 100
55 206.1 195.5 235.5
56 156.6 153.5 193.5

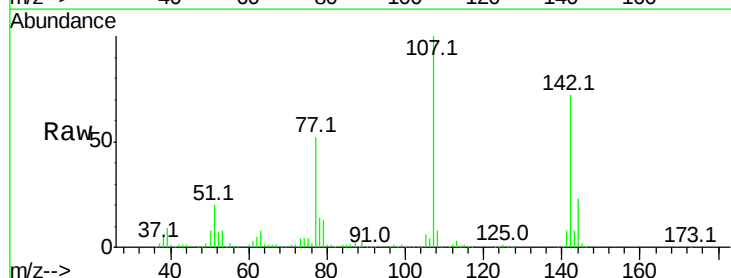


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

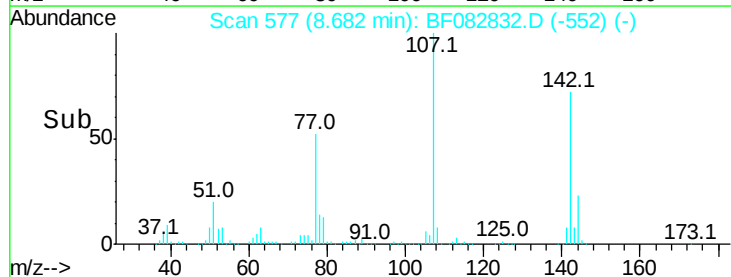
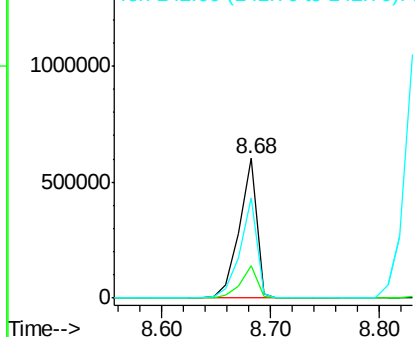


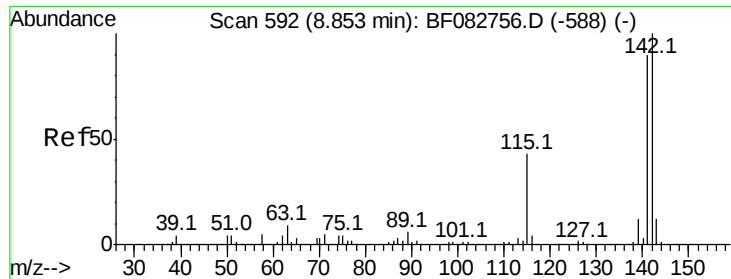
#36
4-Chloro-3-methylphenol
Concen: 37.10 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:107 Resp: 665083
Ion Ratio Lower Upper
107 100
144 23.5 15.4 23.0#
142 71.7 47.8 71.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

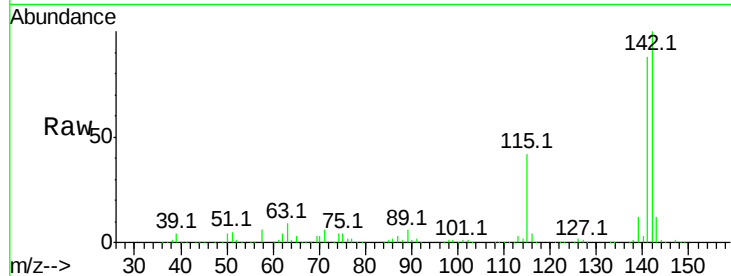




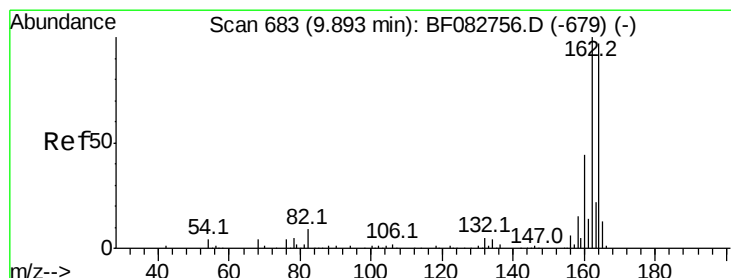
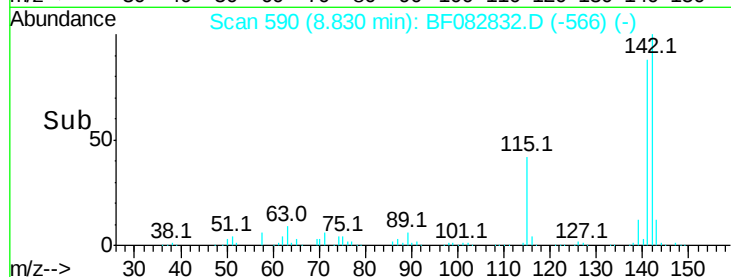
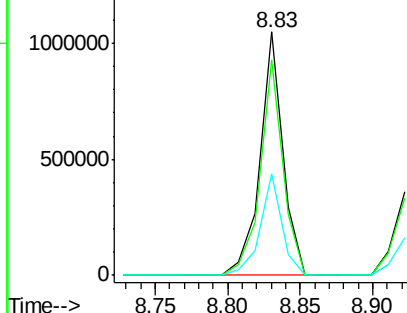
#37
2-Methylnaphthalene
Concen: 33.47 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion:142 Resp: 1143030
Ion Ratio Lower Upper
142 100
141 88.3 72.3 108.5
115 41.8 38.1 57.1

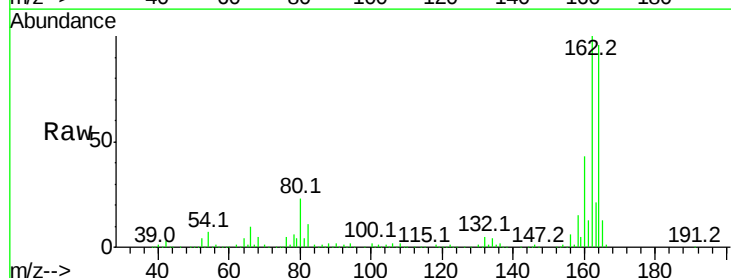


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

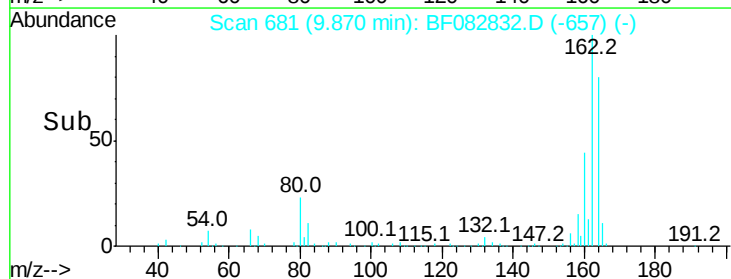
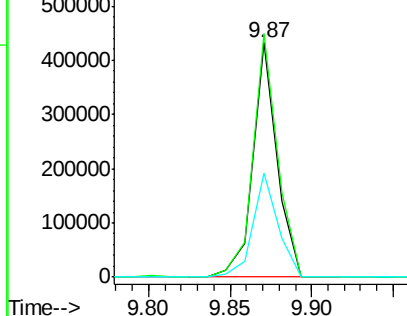


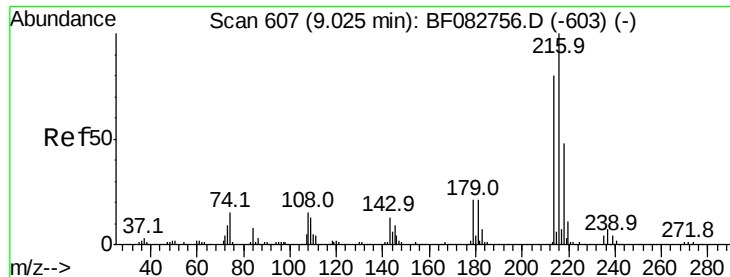
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:164 Resp: 444601
Ion Ratio Lower Upper
164 100
162 104.0 84.9 127.3
160 44.7 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: 38.14 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tot Ion:216 Resp: 557262

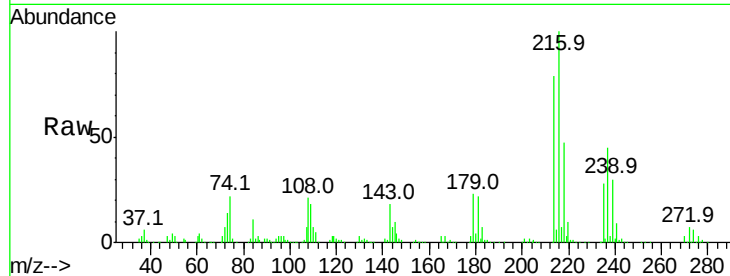
Ion Ratio Lower Upper

216 100

214 79.2 62.2 93.2

179 22.9 18.1 27.1

108 24.5 16.6 25.0

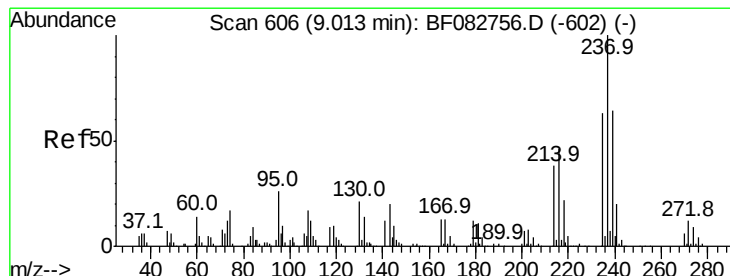
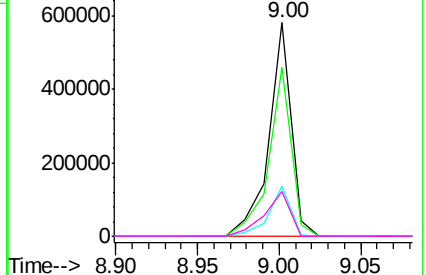
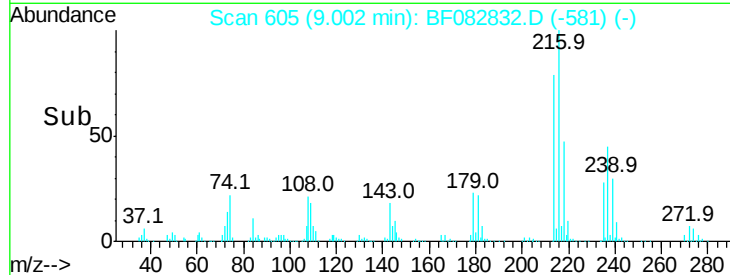


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.21 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

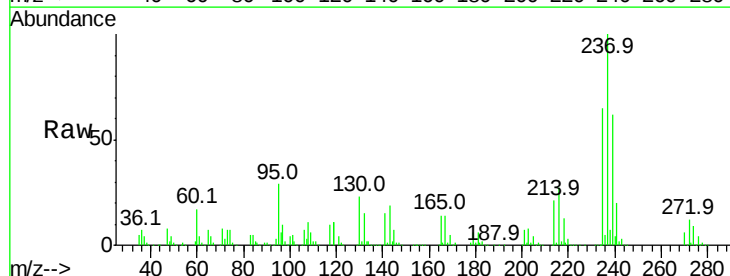
Tgt Ion:237 Resp: 661002

Ion Ratio Lower Upper

237 100

235 64.6 44.3 84.3

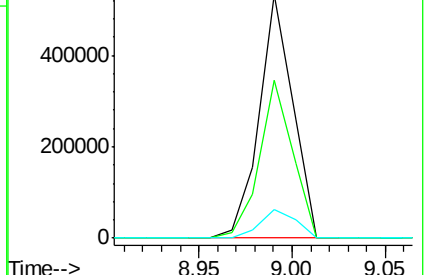
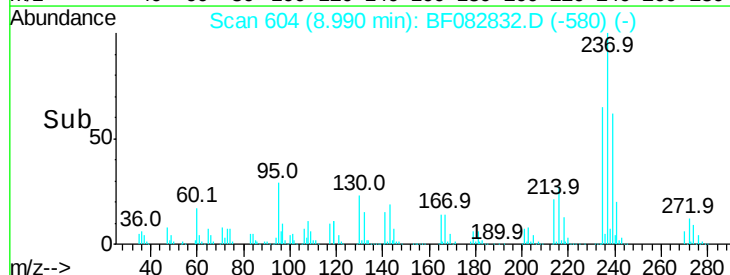
272 11.7 0.0 31.9

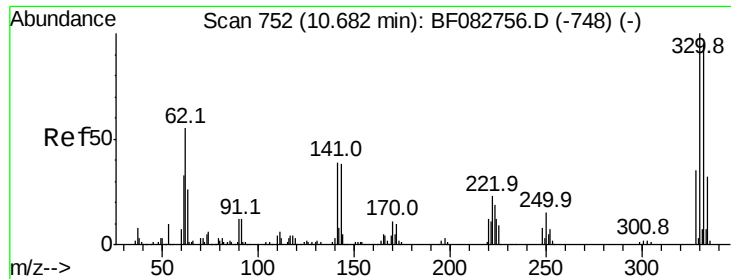


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

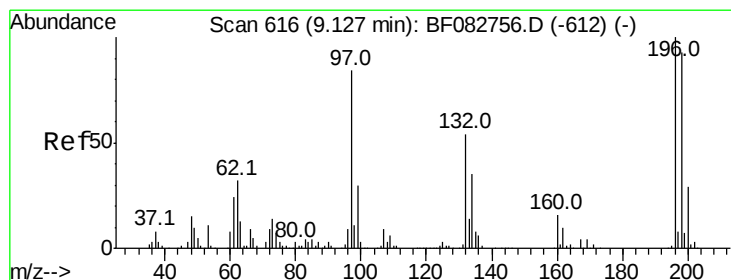
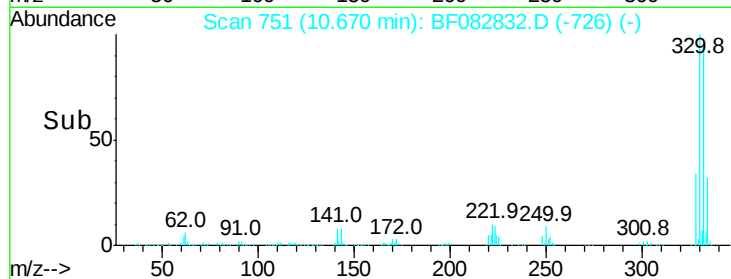
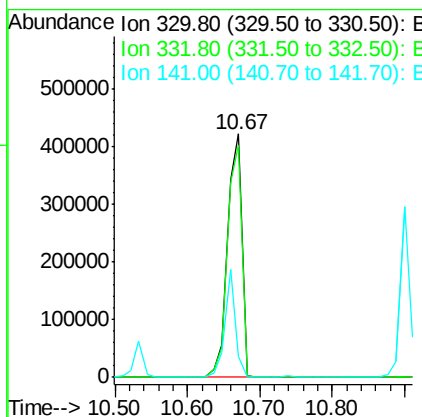
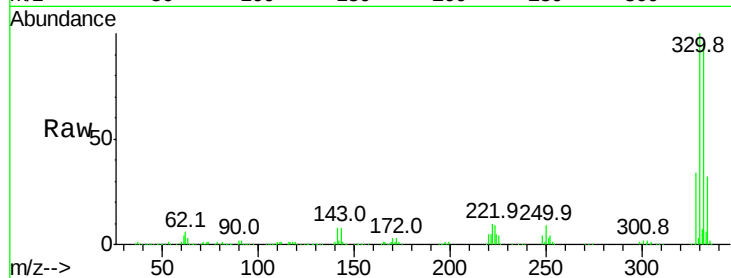




#41
 2,4,6-Tribromophenol
 Concen: 113.59 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

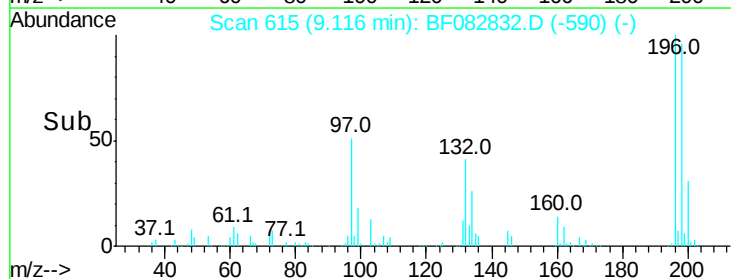
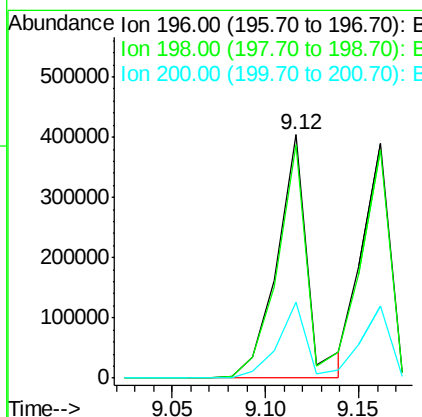
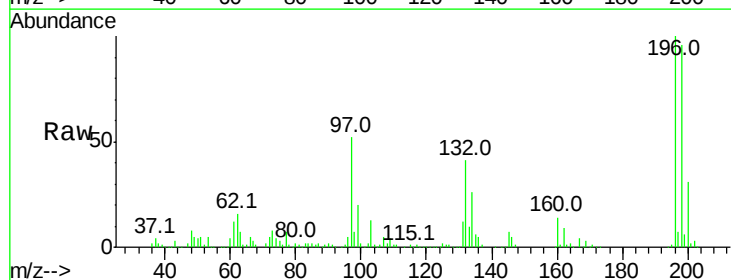
Instrument :
 BNA_F
 ClientSampled :
 PB86454BS

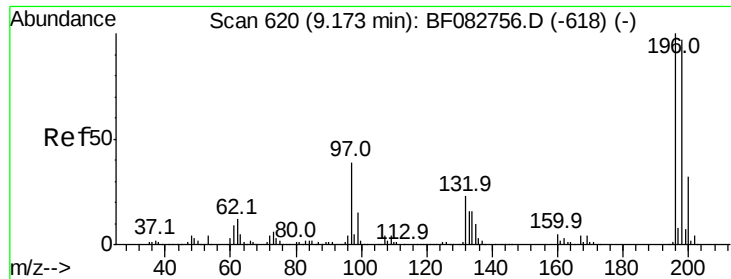
Tot Ion:330 Resp: 579067
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 32.9 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 42.03 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion:196 Resp: 458380
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.3 114.5
 200 31.0 23.9 35.9

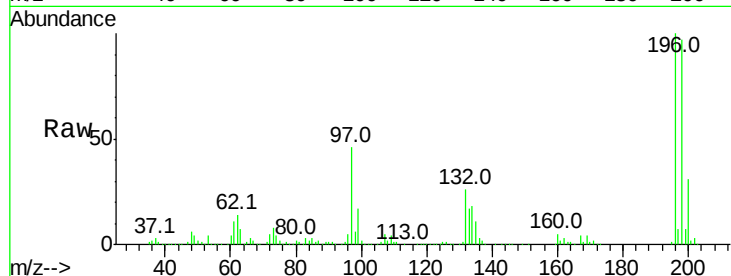




#43
 2,4,5-Trichlorophenol
 Concen: 37.63 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.8	113.8
97	46.3	62.3	93.5#
132	26.4	27.4	41.2#



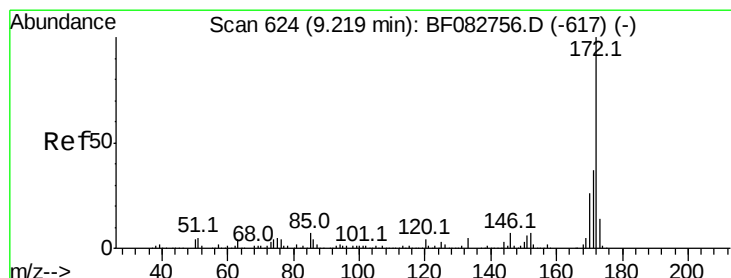
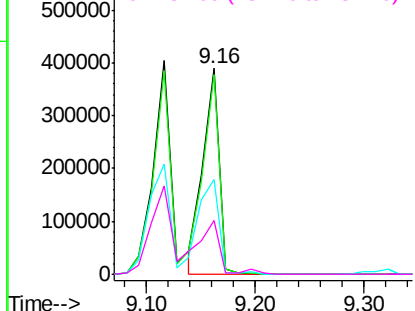
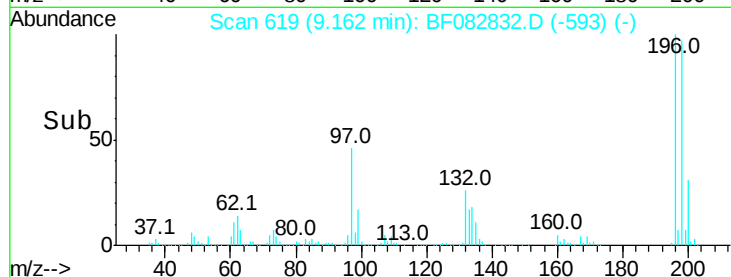
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

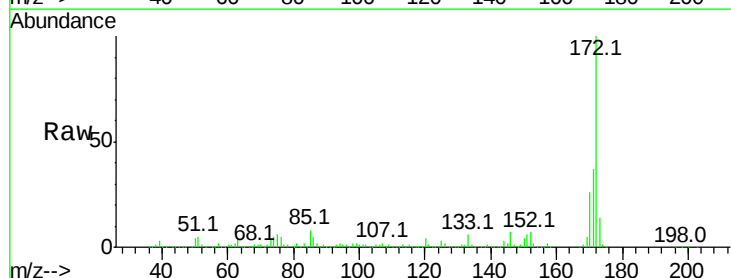
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.60 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.7	21.2	31.8

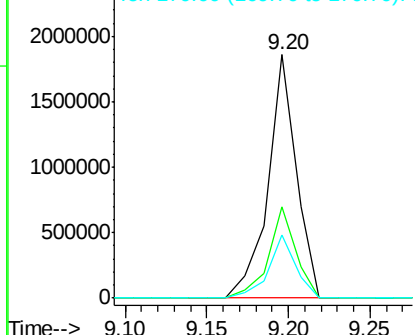
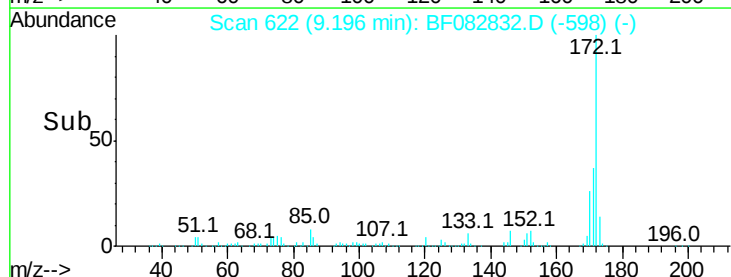


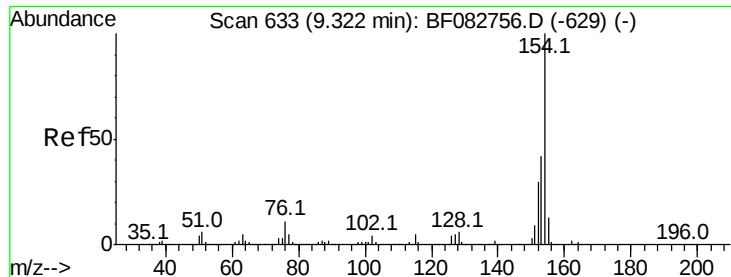
Abundance

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: 39.24 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

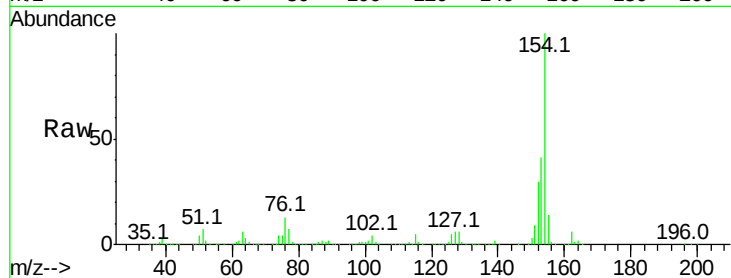
Tot Ion:154 Resp: 1496928

Ion Ratio Lower Upper

154 100

153 41.4 22.0 62.0

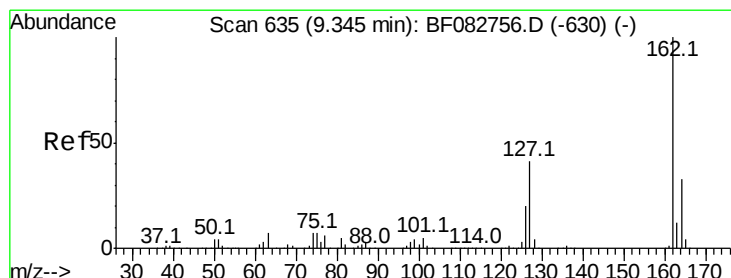
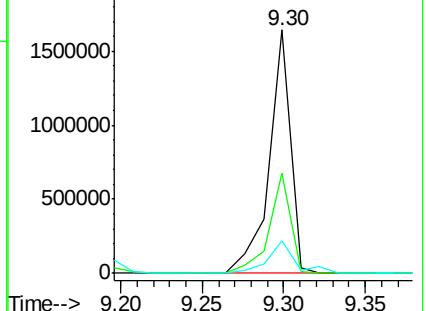
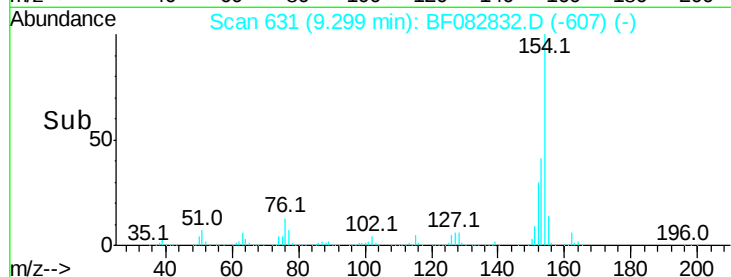
76 13.2 0.0 29.0



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): E



#46

2-Chloronaphthalene

Concen: 39.81 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

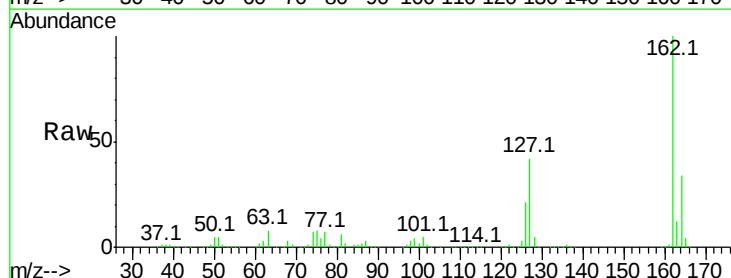
Tgt Ion:162 Resp: 1184672

Ion Ratio Lower Upper

162 100

127 41.8 32.7 49.1

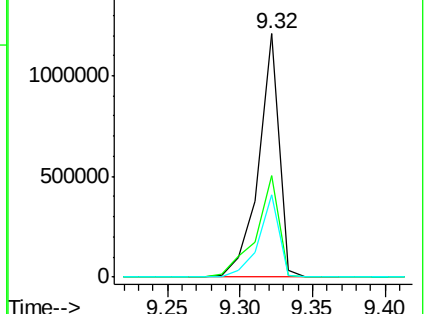
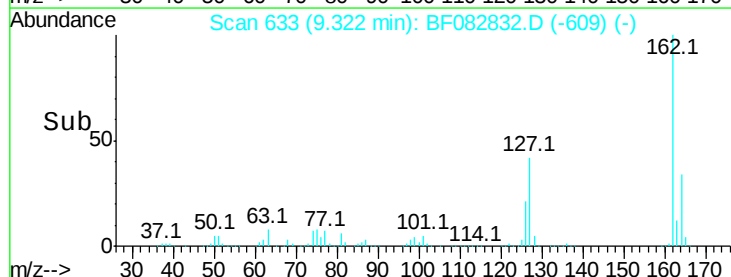
164 33.7 27.4 41.0

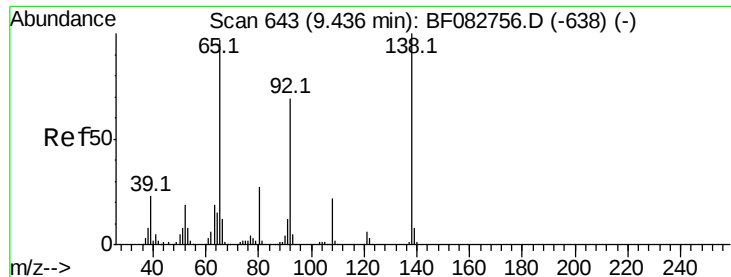


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.77 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

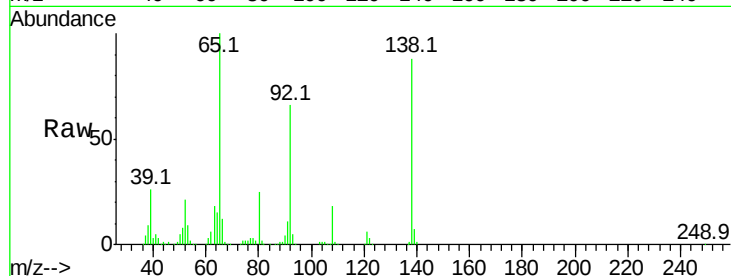
Tot Ion: 65 Resp: 450090

Ion Ratio Lower Upper

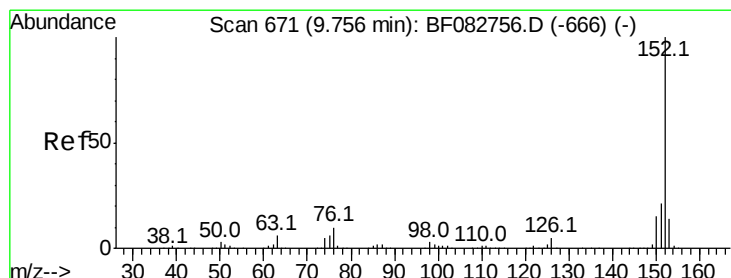
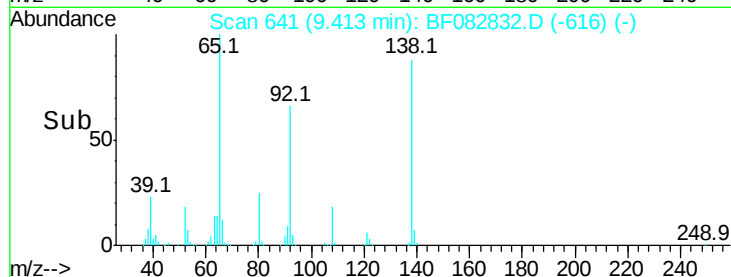
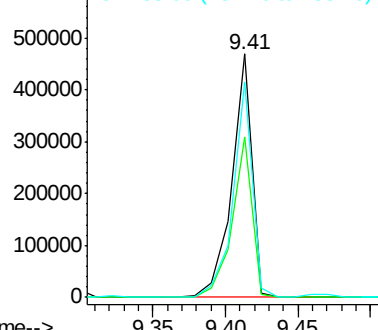
65 100

92 66.1 46.6 70.0

138 88.4 54.6 81.8#



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



#48

Acenaphthylene

Concen: 35.69 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

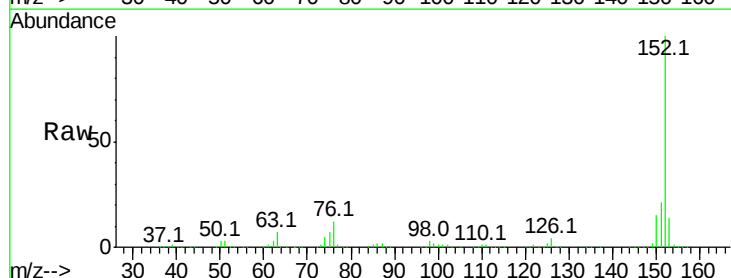
Tgt Ion: 152 Resp: 1664356

Ion Ratio Lower Upper

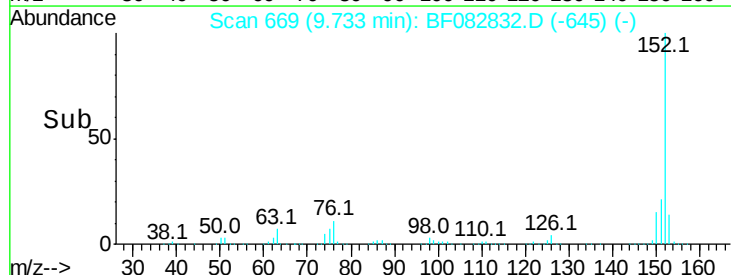
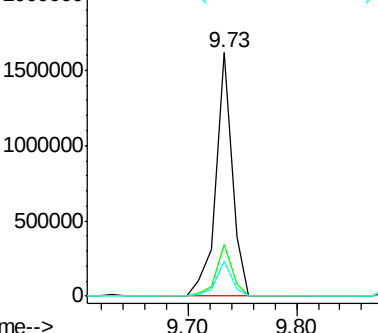
152 100

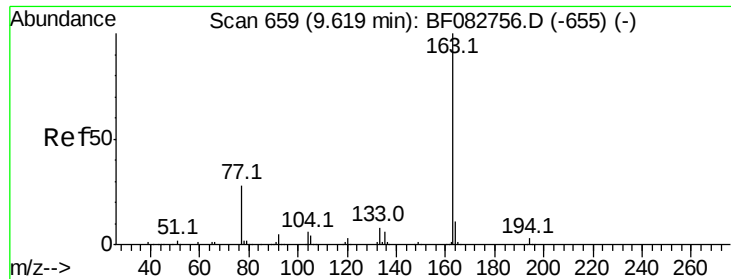
151 21.0 17.3 25.9

153 14.1 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

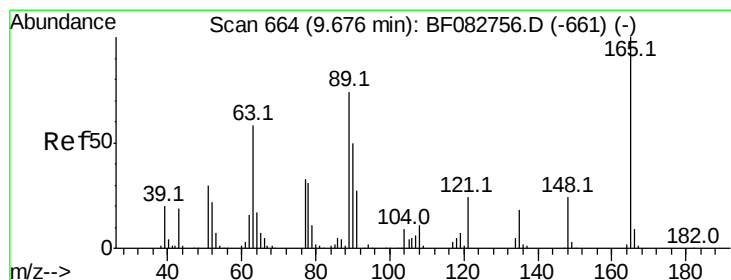
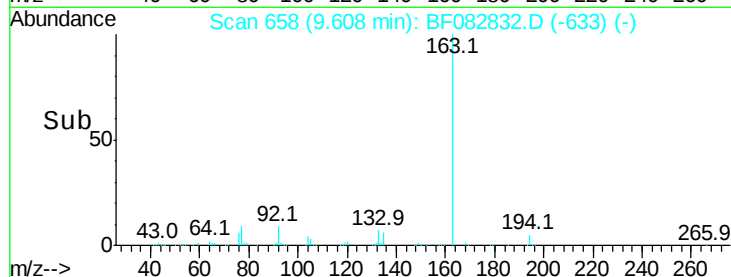
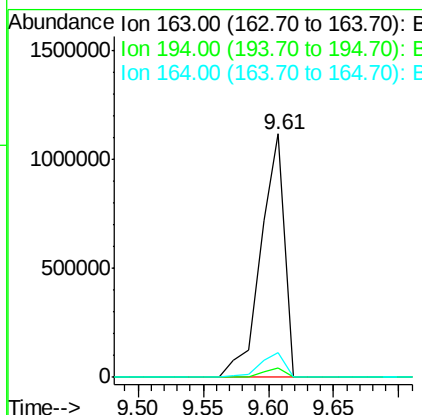
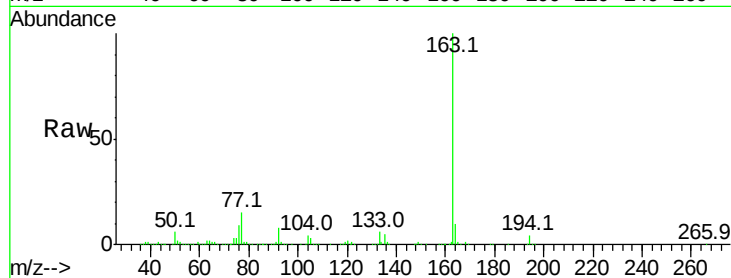




#49
Dimethylphthalate
Concen: 38.61 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

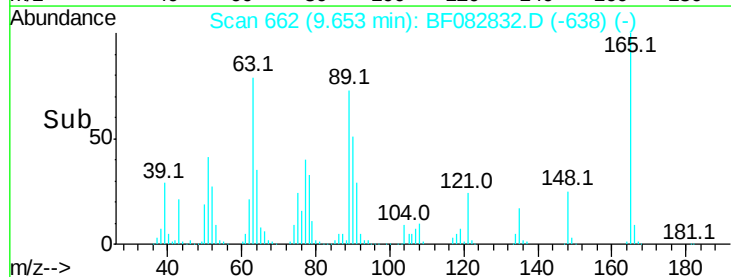
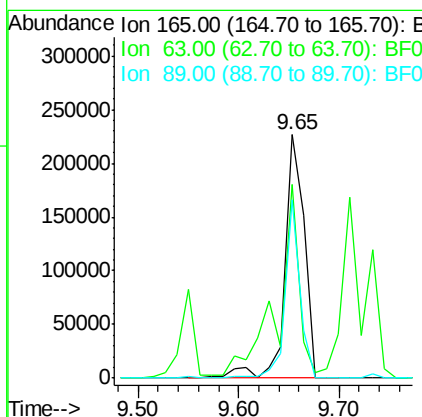
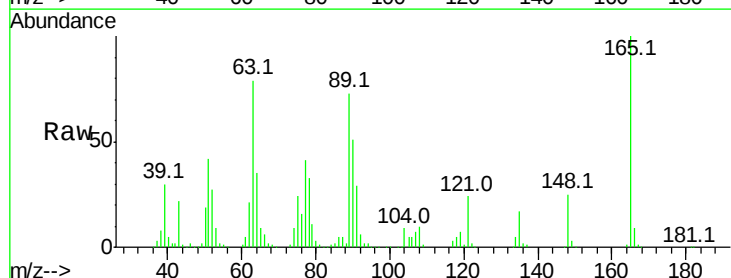
Instrument :
BNA_F
ClientSampleId :
PB86454BS

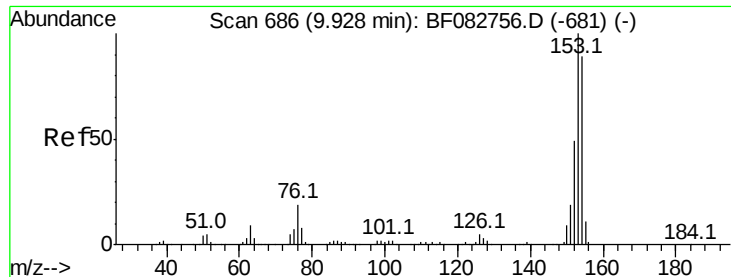
Tot Ion:163 Resp: 1406264
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 9.9 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 38.76 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:165 Resp: 301276
Ion Ratio Lower Upper
165 100
63 79.3 55.5 83.3
89 73.0 55.0 82.6





#51

Acenaphthene

Concen: 39.90 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

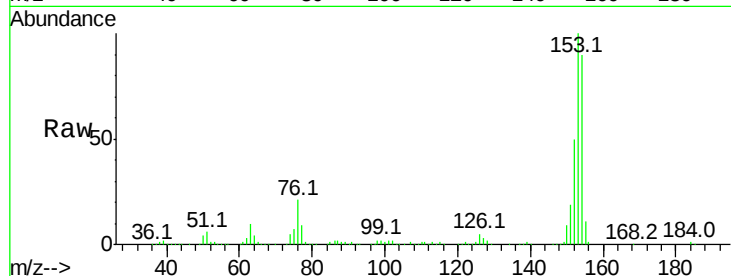
Tot Ion:154 Resp: 1179438

Ion Ratio Lower Upper

154 100

153 111.5 90.1 135.1

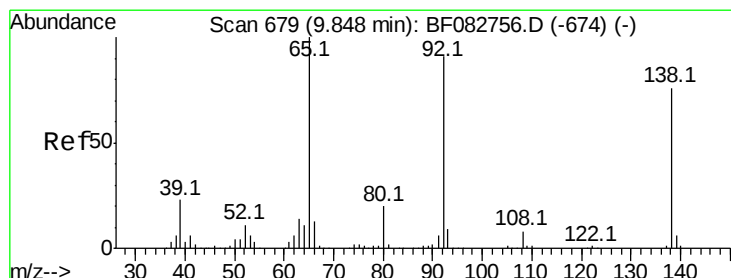
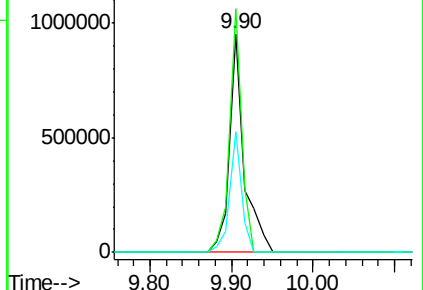
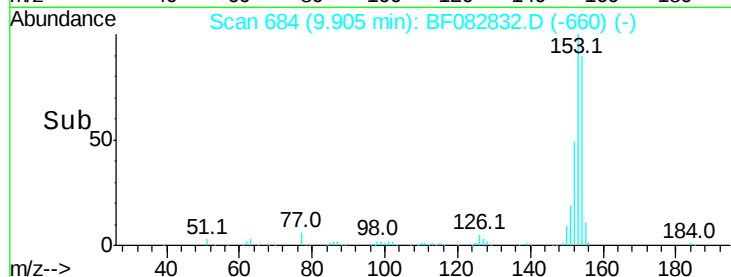
152 55.6 44.3 66.5



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: 23.24 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

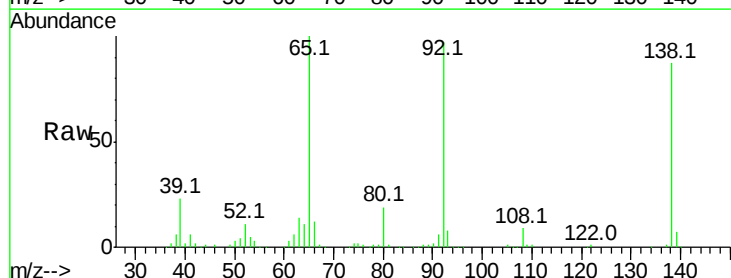
Tgt Ion:138 Resp: 198642

Ion Ratio Lower Upper

138 100

108 10.2 11.3 16.9#

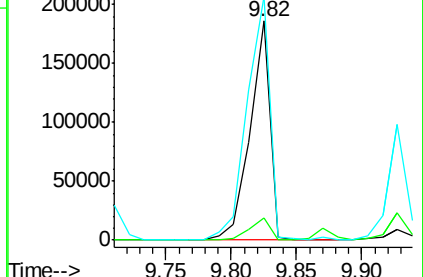
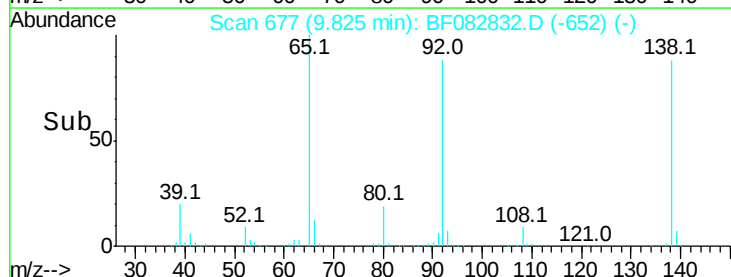
92 111.2 122.4 183.6#

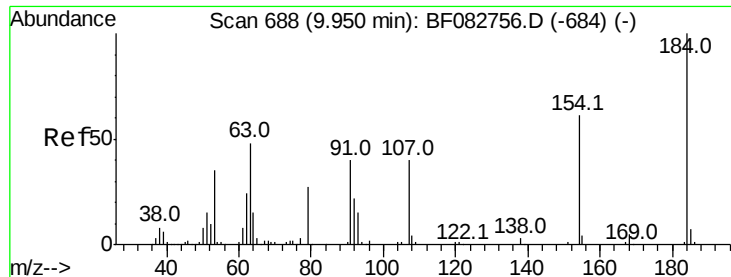


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

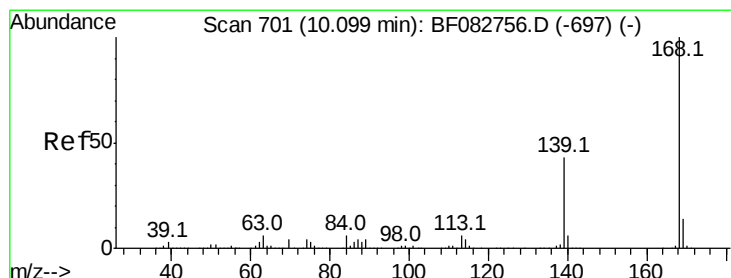
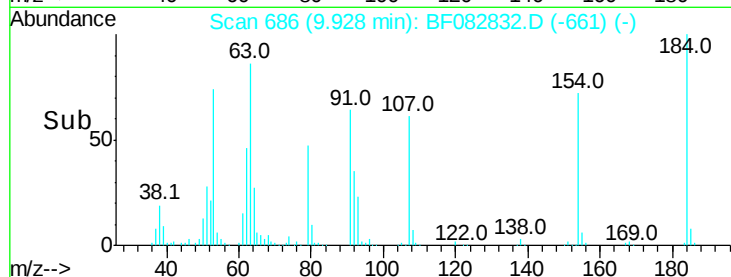
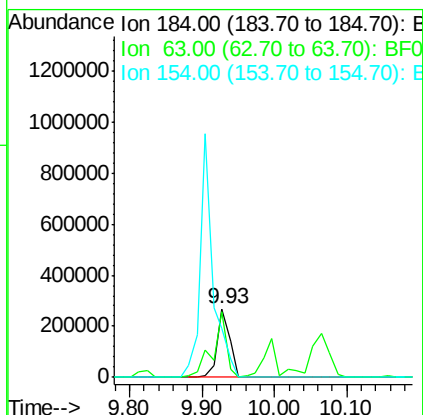
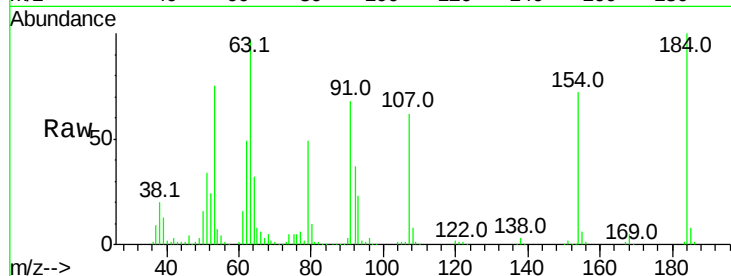




#53
 2,4-Dinitrophenol
 Concen: 77.32 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

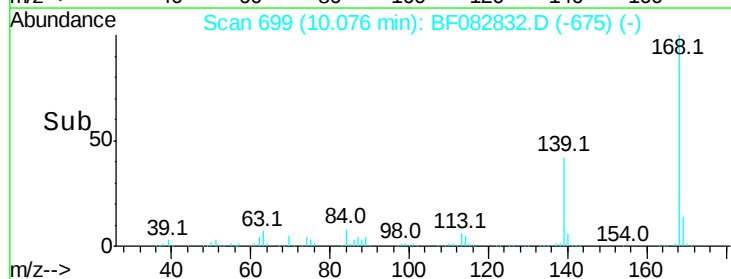
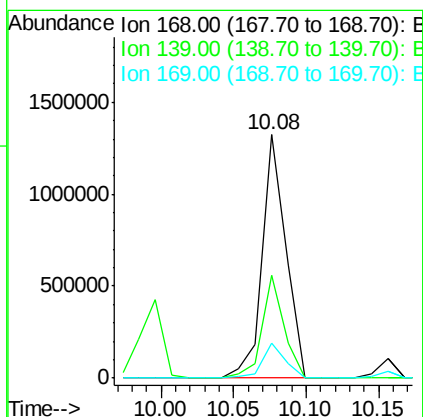
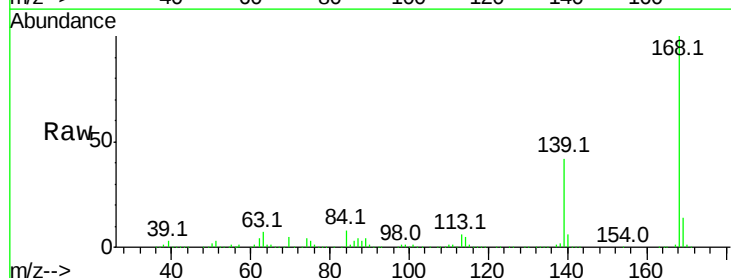
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

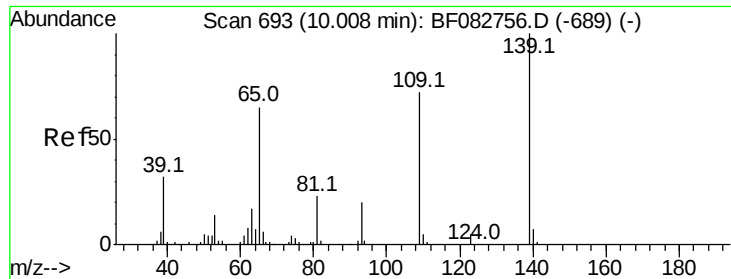
Tot Ion:184 Resp: 329955
 Ion Ratio Lower Upper
 184 100
 63 97.0 98.6 148.0#
 154 71.7 183.9 275.9#



#54
 Dibenzofuran
 Concen: 37.54 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion:168 Resp: 1496179
 Ion Ratio Lower Upper
 168 100
 139 42.1 37.8 56.6
 169 14.2 11.3 16.9

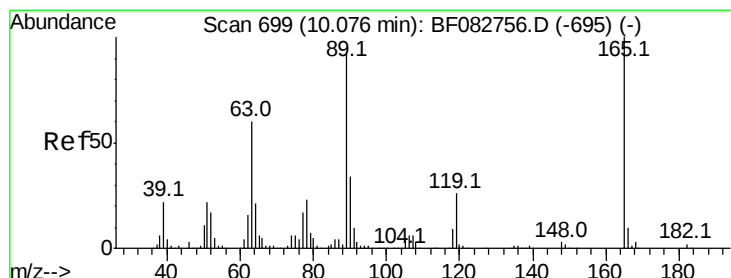
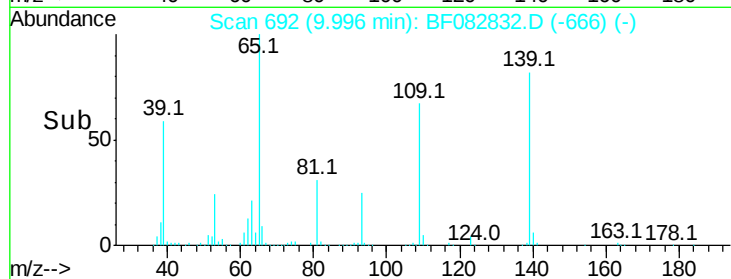
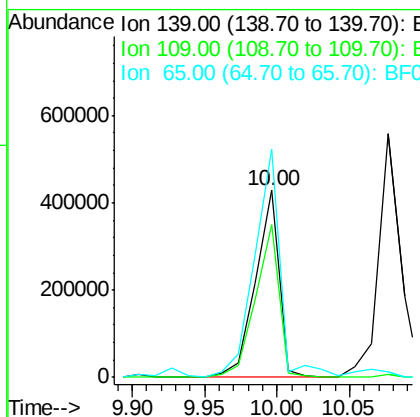
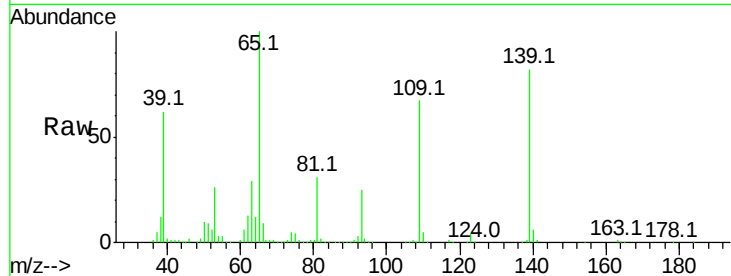




#55
4-Nitrophenol
Concen: 73.51 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

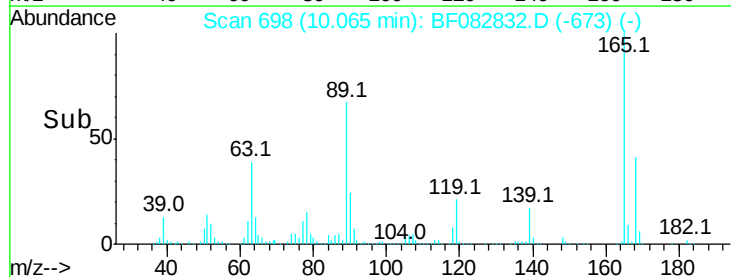
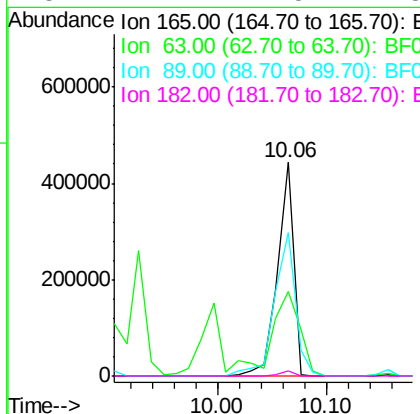
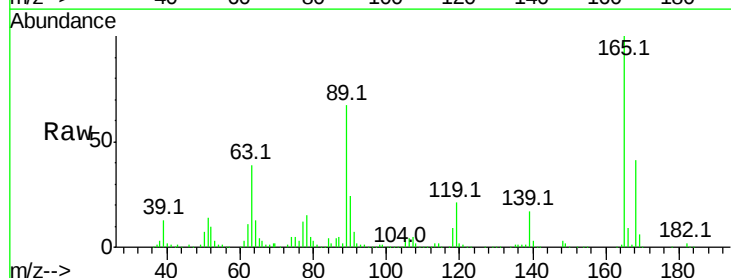
Instrument :
BNA_F
ClientSampleId :
PB86454BS

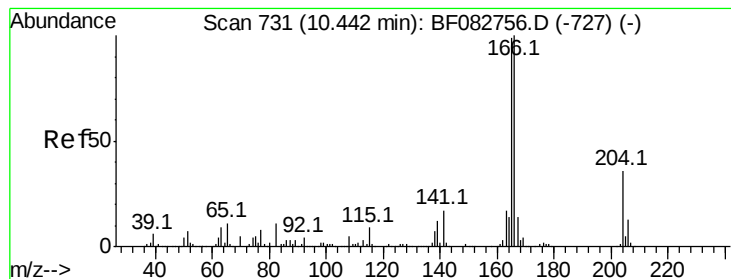
Tot Ion:139 Resp: 482024
Ion Ratio Lower Upper
139 100
109 81.9 73.7 113.7
65 122.1 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 43.07 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:165 Resp: 454148
Ion Ratio Lower Upper
165 100
63 39.3 43.4 65.0#
89 67.2 70.6 106.0#
182 2.4 1.5 2.3#





#57

Fluorene

Concen: 34.83 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampled :

PB86454BS

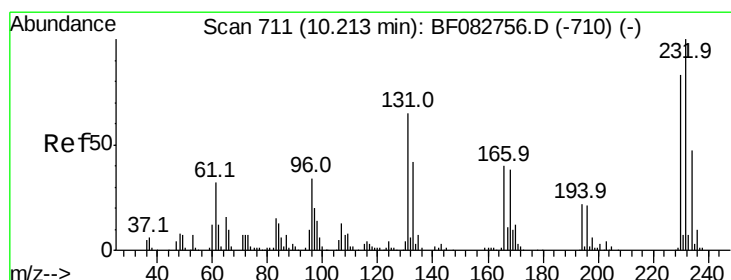
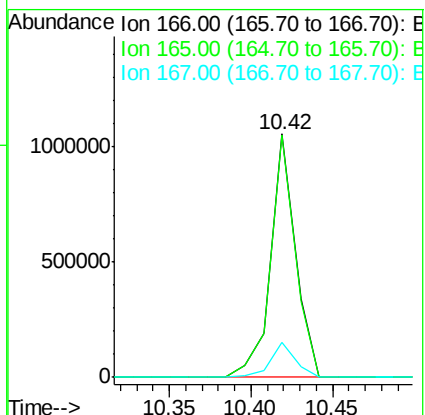
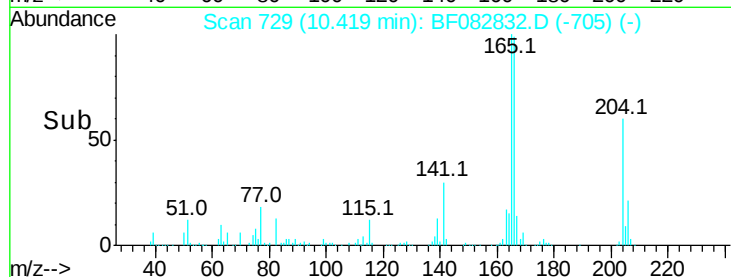
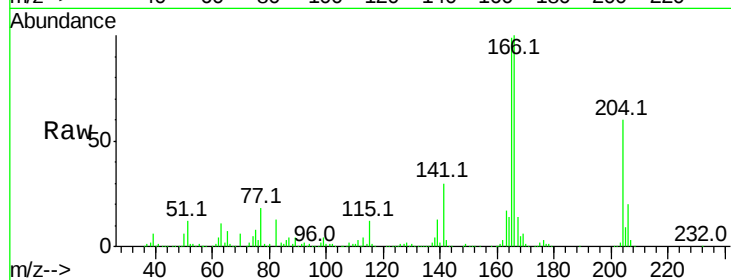
Tot Ion:166 Resp: 1124230

Ion Ratio Lower Upper

166 100

165 99.4 80.2 120.4

167 14.5 11.2 16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.39 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:232 Resp: 364389

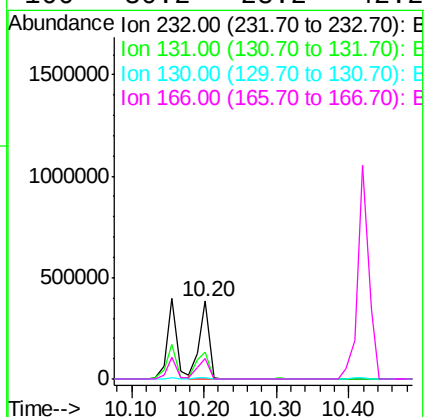
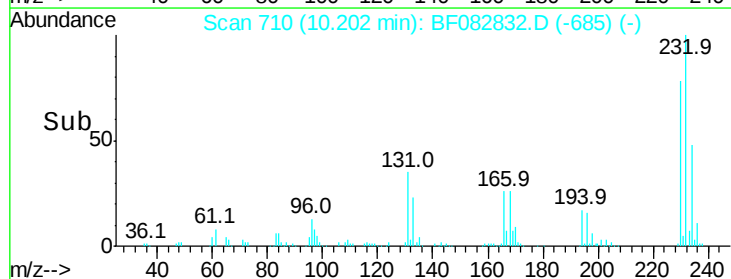
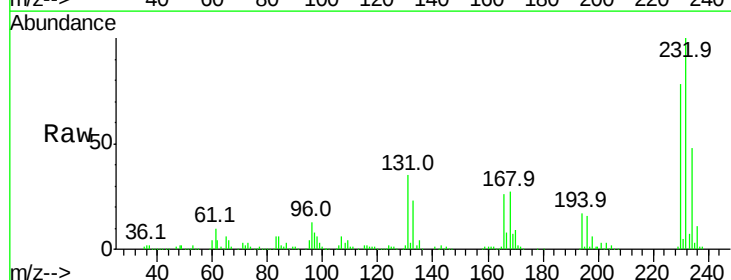
Ion Ratio Lower Upper

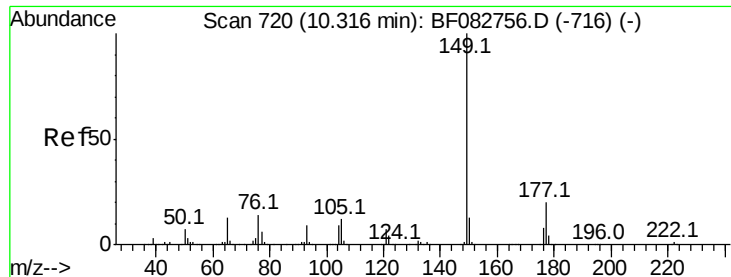
232 100

131 43.8 46.2 69.2#

130 2.1 2.4 3.6#

166 30.2 28.2 42.2

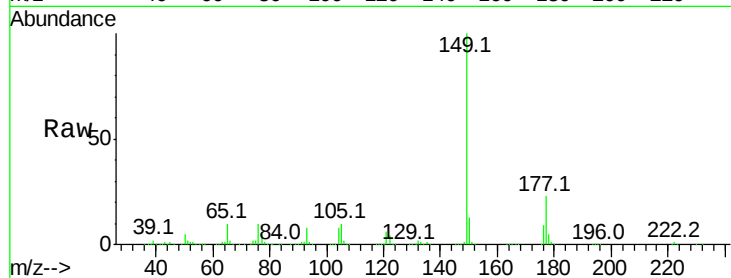




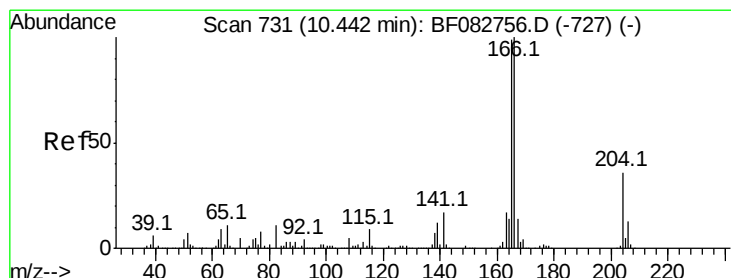
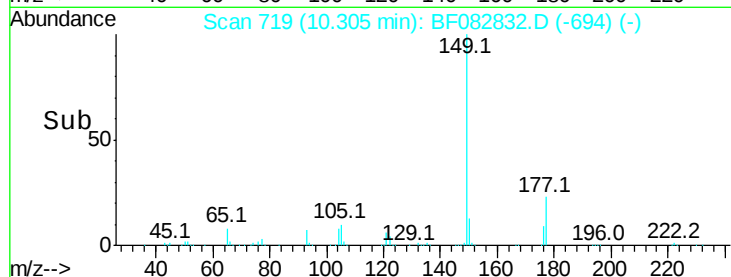
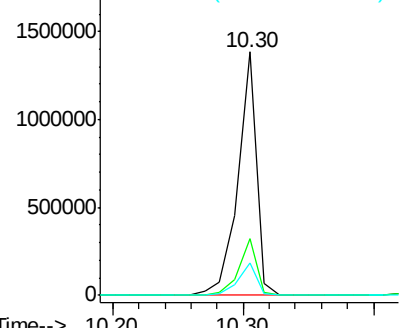
#59
Diethylphthalate
Concen: 38.66 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion:149 Resp: 1375133
Ion Ratio Lower Upper
149 100
177 23.3 17.9 26.9
150 13.2 10.1 15.1

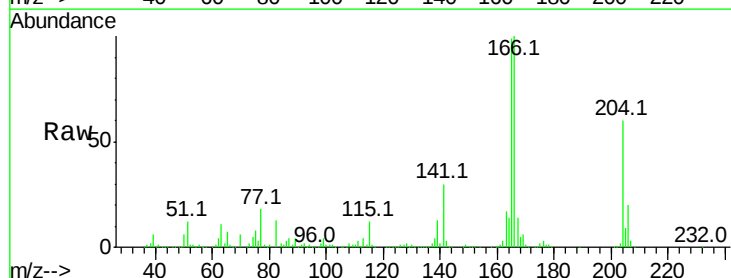


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

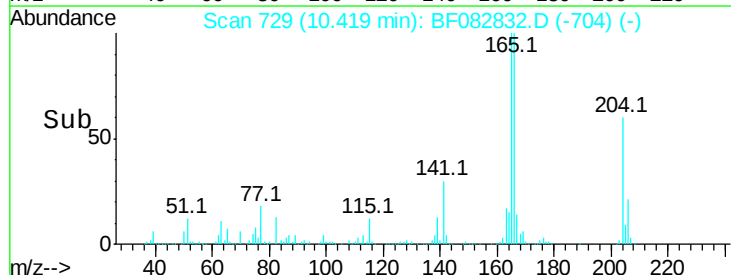
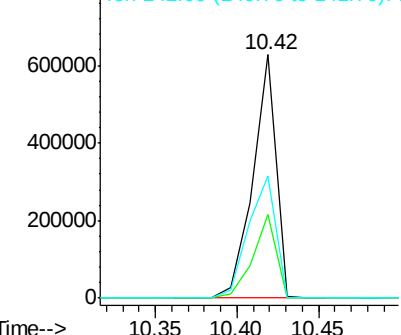


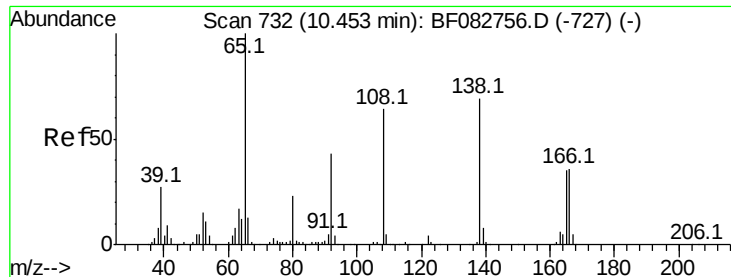
#60
4-Chlorophenyl-phenylether
Concen: 38.53 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:204 Resp: 622258
Ion Ratio Lower Upper
204 100
206 34.3 28.5 42.7
141 50.4 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

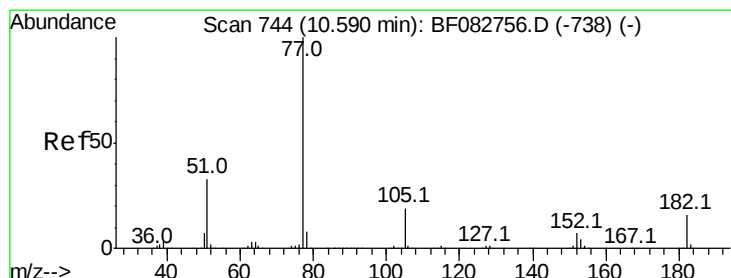
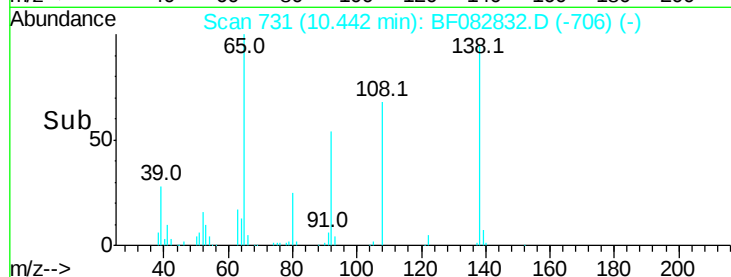
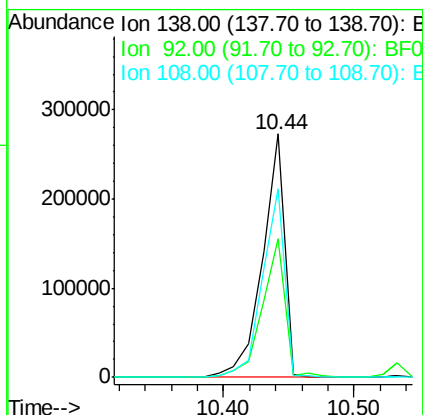
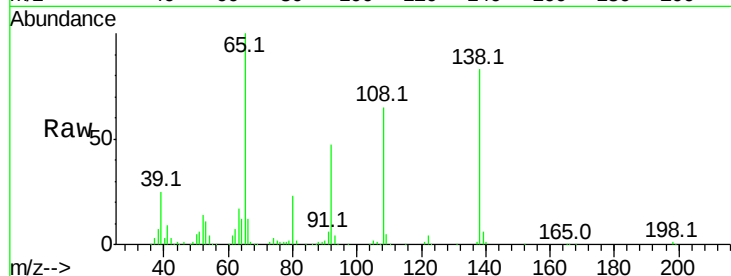




#61
4-Nitroaniline
Concen: 37.77 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

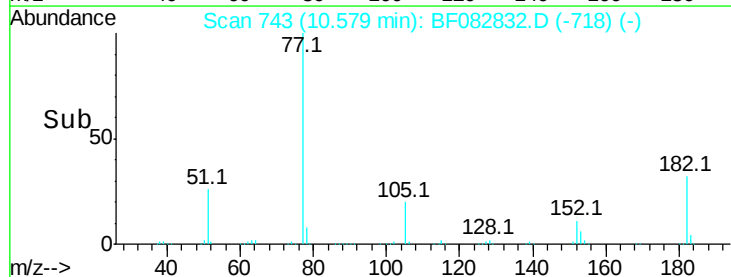
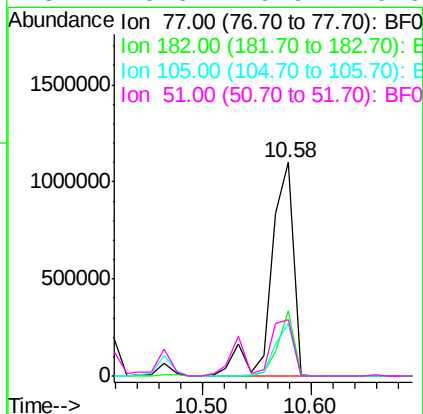
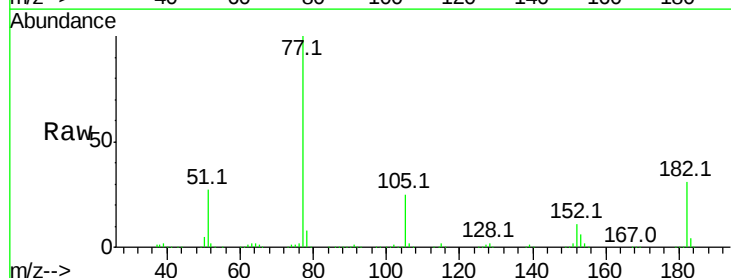
Instrument :
BNA_F
ClientSampleId :
PB86454BS

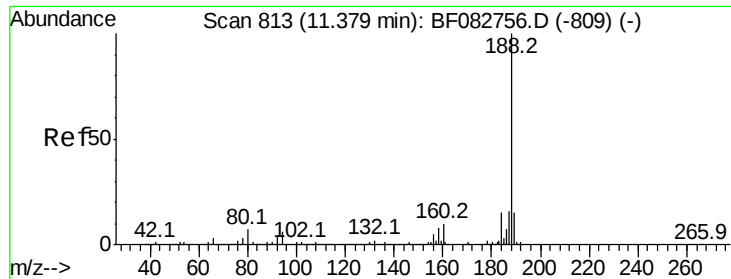
Tot Ion:138 Resp: 324702
Ion Ratio Lower Upper
138 100
92 56.7 45.8 85.8
108 77.6 89.4 129.4#



#62
Azobenzene
Concen: 41.07 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion: 77 Resp: 1569145
Ion Ratio Lower Upper
77 100
182 30.7 9.3 49.3
105 24.5 2.6 42.6
51 26.6 9.9 49.9

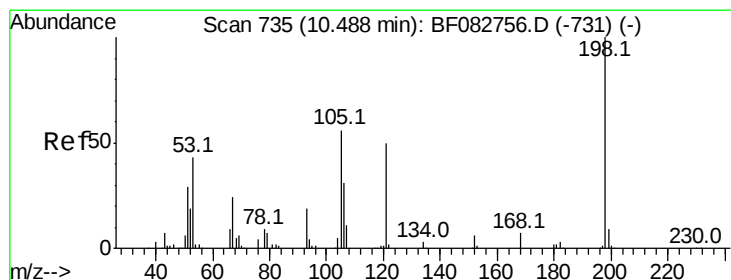
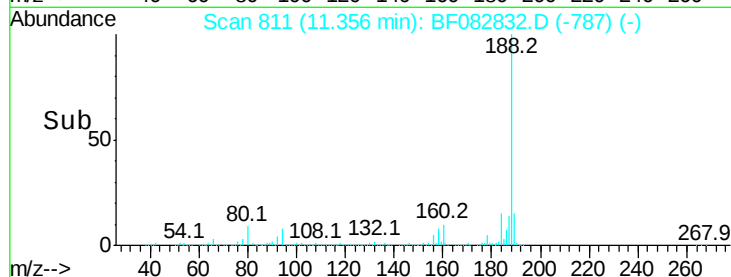
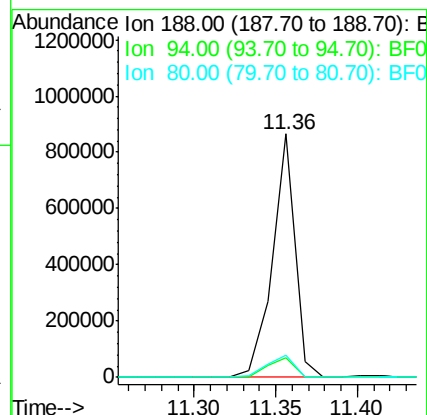
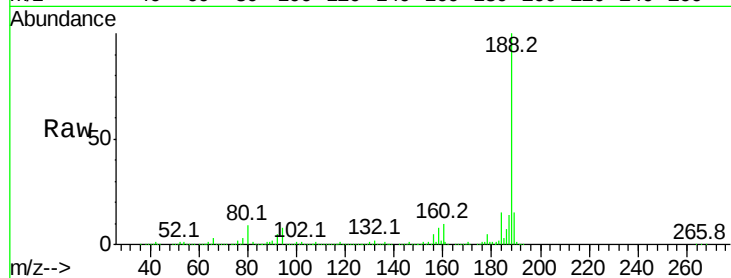




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

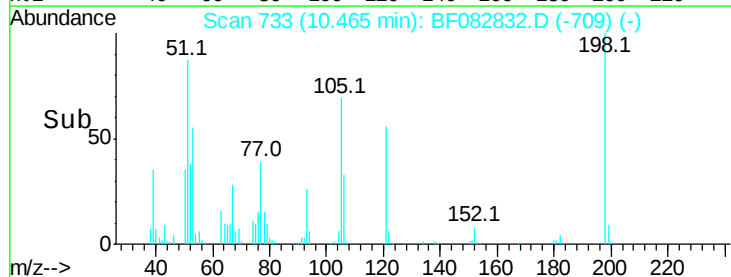
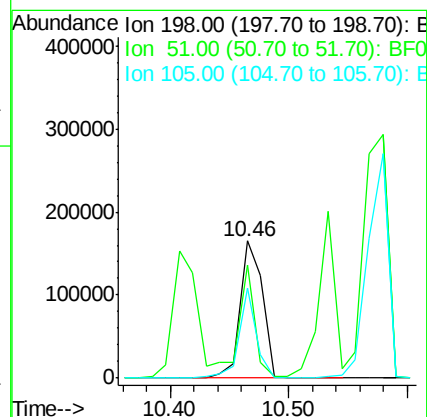
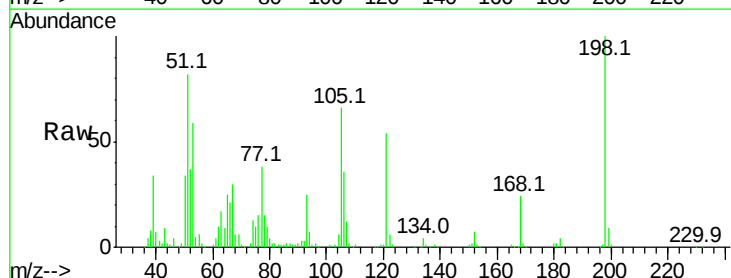
Instrument :
BNA_F
ClientSampleId :
PB86454BS

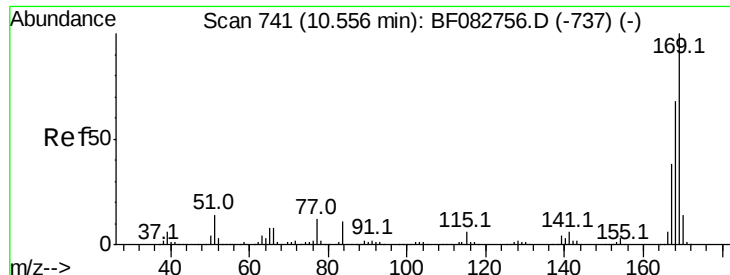
Tot Ion:188 Resp: 836906
Ion Ratio Lower Upper
188 100
94 8.3 6.1 9.1
80 9.1 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 36.31 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:198 Resp: 216489
Ion Ratio Lower Upper
198 100
51 82.4 17.3 57.3#
105 65.6 21.7 61.7#

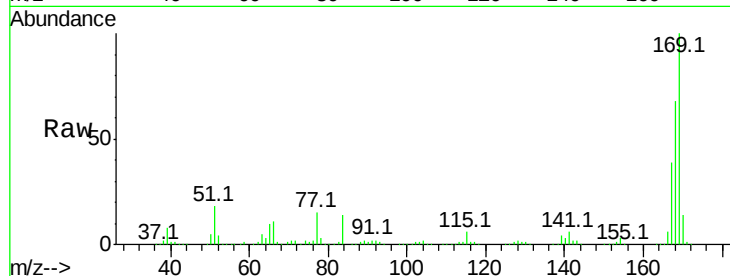




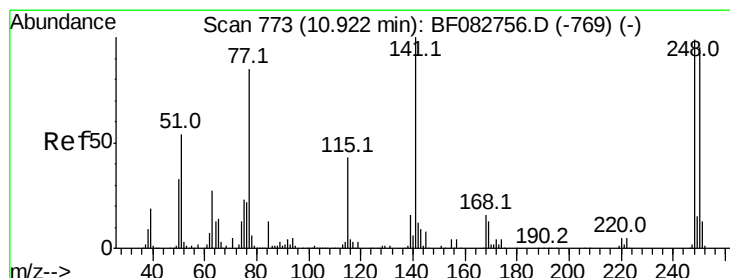
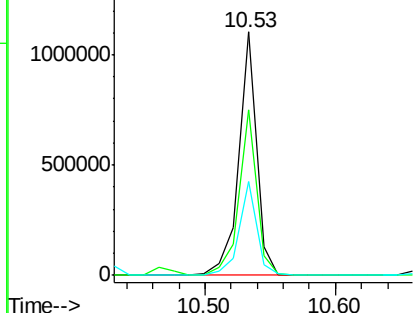
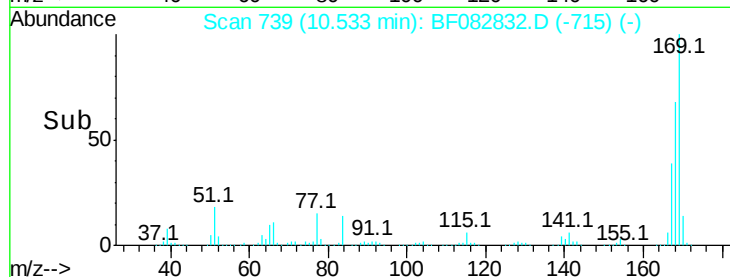
#65
n-Nitrosodiphenylamine
Concen: 34.22 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampled :
PB86454BS

Tot Ion:169 Resp: 1034592
Ion Ratio Lower Upper
169 100
168 68.2 55.0 82.6
167 38.5 30.5 45.7

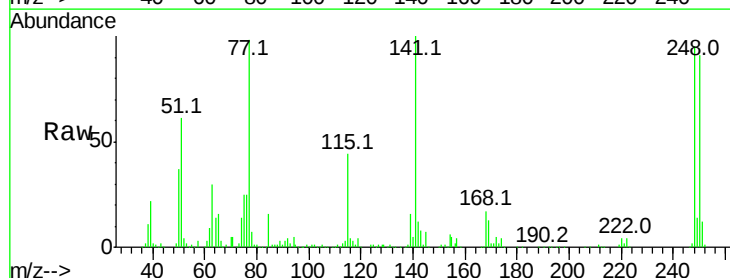


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

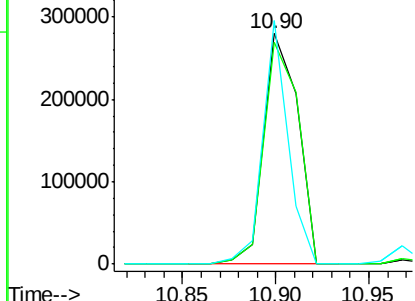
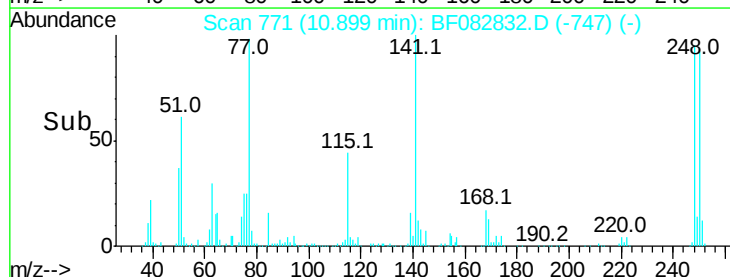


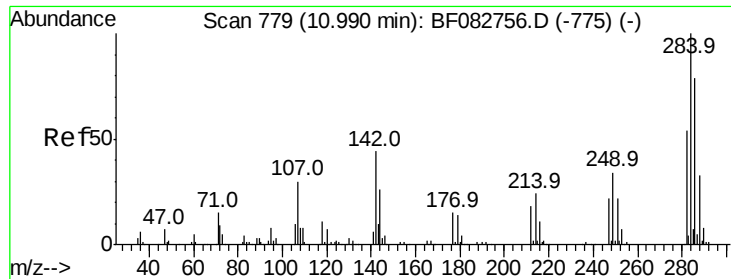
#66
4-Bromophenyl-phenylether
Concen: 35.11 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:248 Resp: 353816
Ion Ratio Lower Upper
248 100
250 96.6 79.4 119.2
141 105.8 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

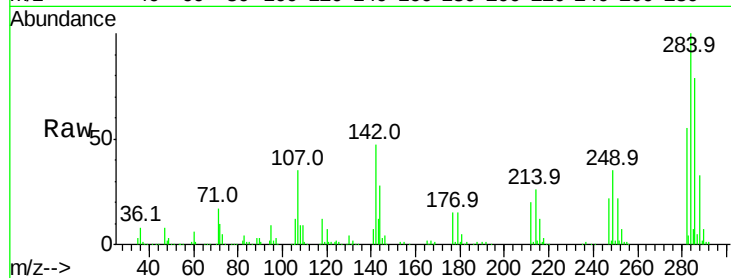




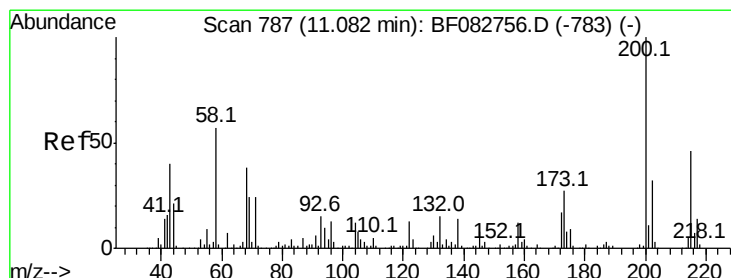
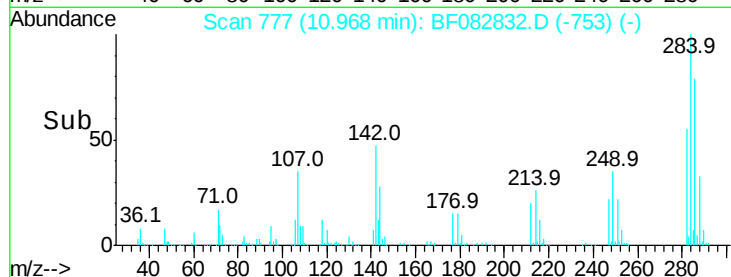
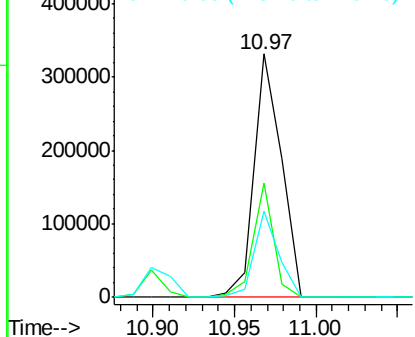
#67
Hexachlorobenzene
Concen: 34.25 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion:284 Resp: 385338
Ion Ratio Lower Upper
284 100
142 47.0 47.9 71.9#
249 35.2 29.7 44.5

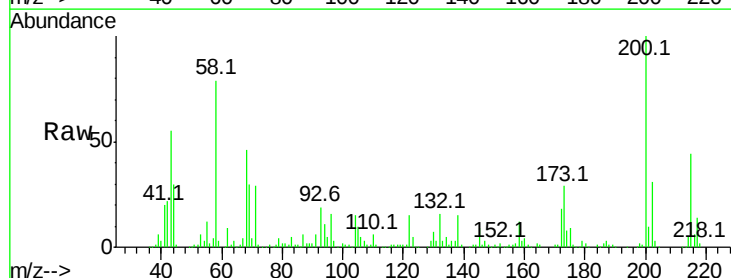


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

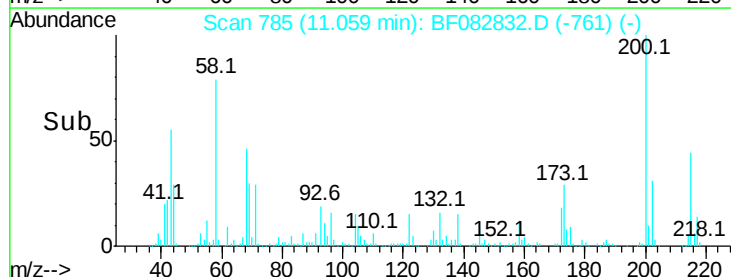
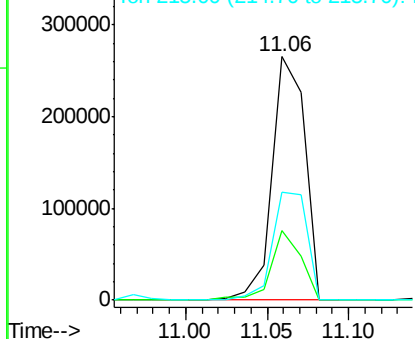


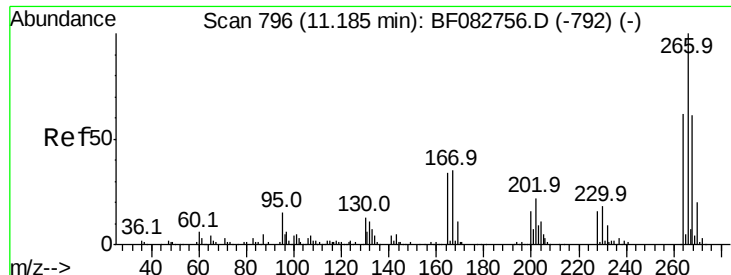
#68
Atrazine
Concen: 39.63 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:200 Resp: 370534
Ion Ratio Lower Upper
200 100
173 28.7 6.9 46.9
215 44.4 22.9 62.9



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

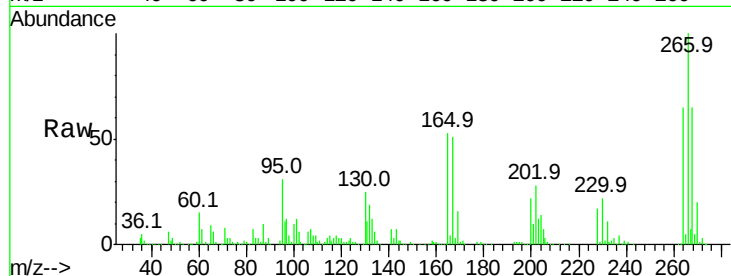




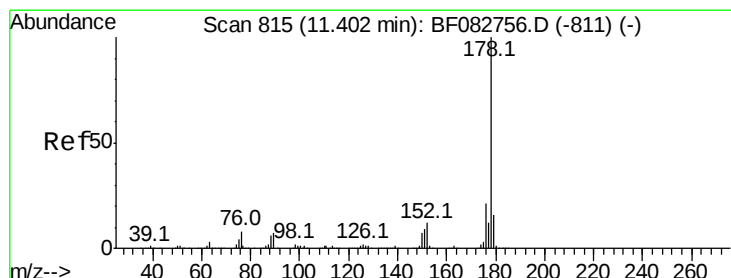
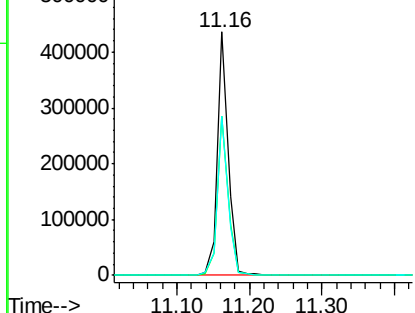
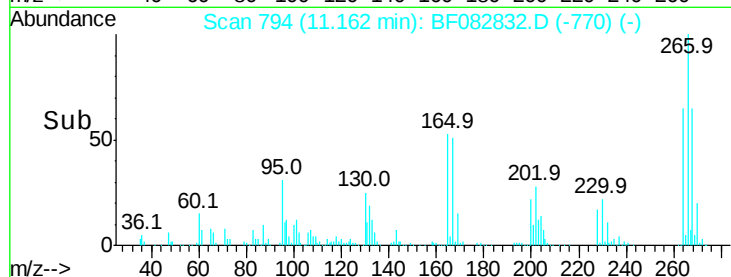
#69
 Pentachlorophenol
 Concen: 66.62 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.0	76.6
264	65.4	50.6	75.8

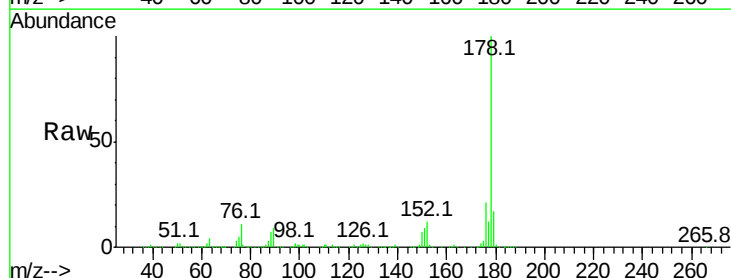


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

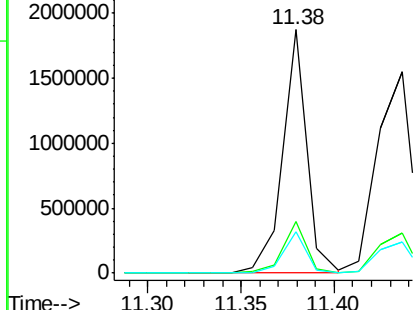
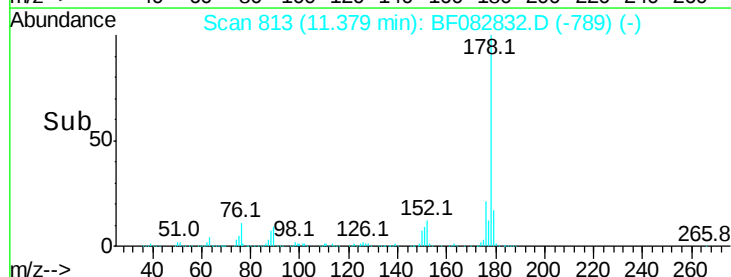


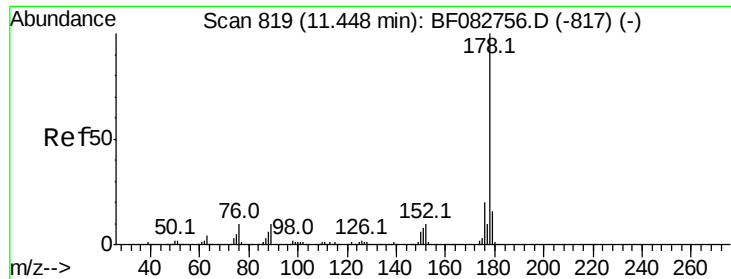
#70
 Phenanthrene
 Concen: 34.77 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	17.0	25.4
179	16.8	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

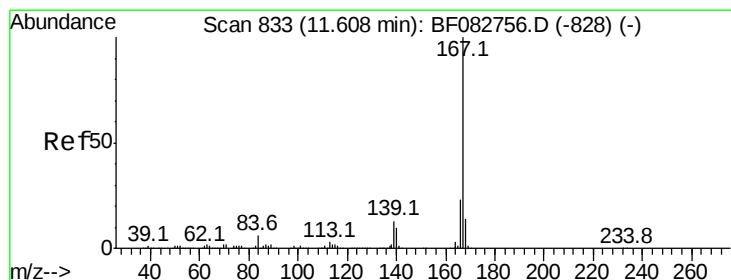
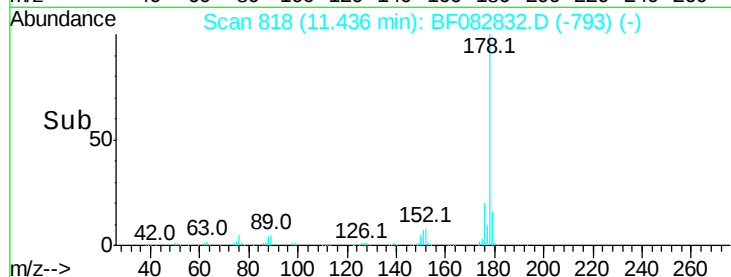
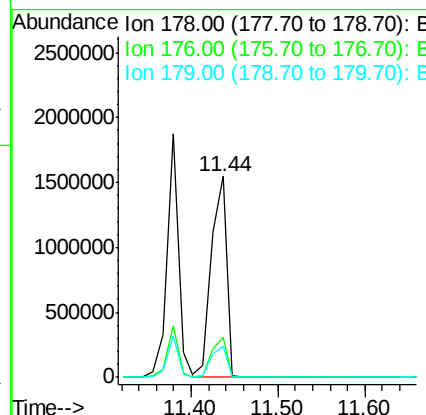
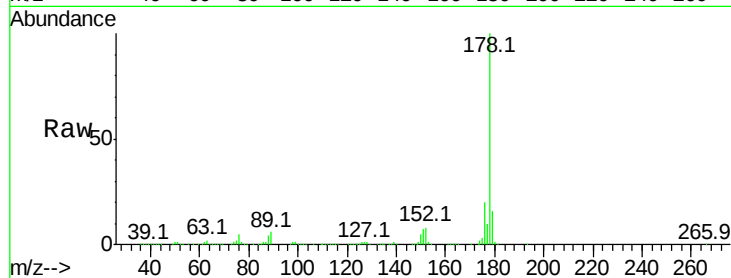




#71
 Anthracene
 Concen: 37.19 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

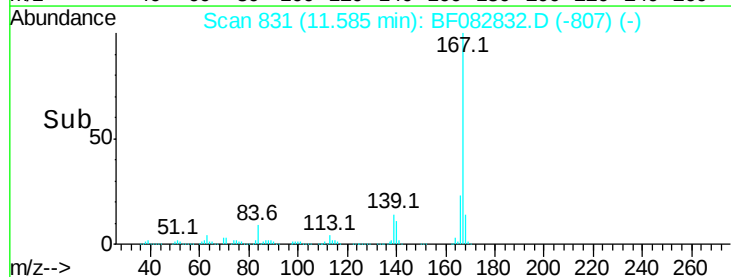
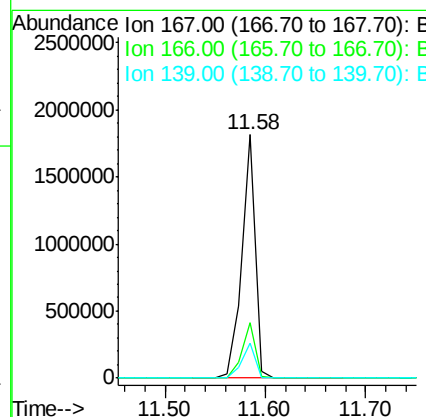
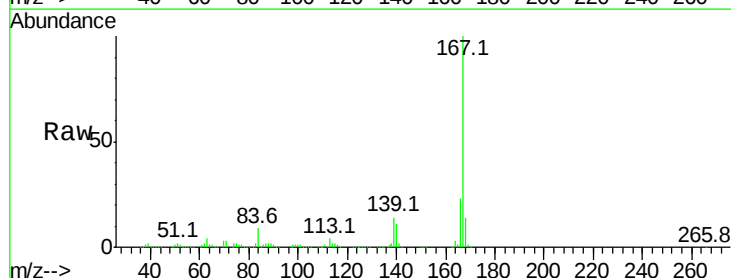
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

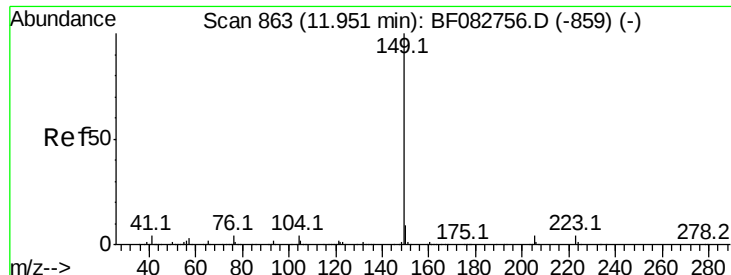
Tot Ion:178 Resp: 1903836
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 15.8 13.2 19.8



#72
 Carbazole
 Concen: 37.64 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion:167 Resp: 1686918
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.7 28.1
 139 14.3 11.8 17.6





#73

Di-n-butylphthalate

Concen: 37.22 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

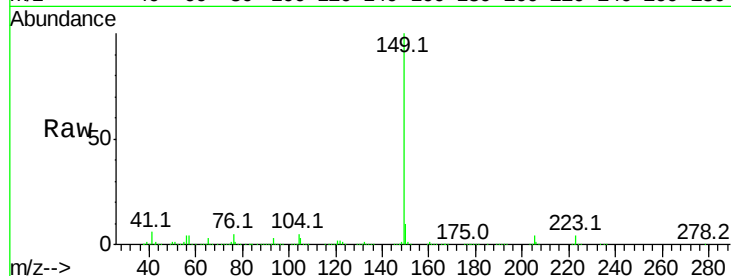
Tot Ion:149 Resp: 2078284

Ion Ratio Lower Upper

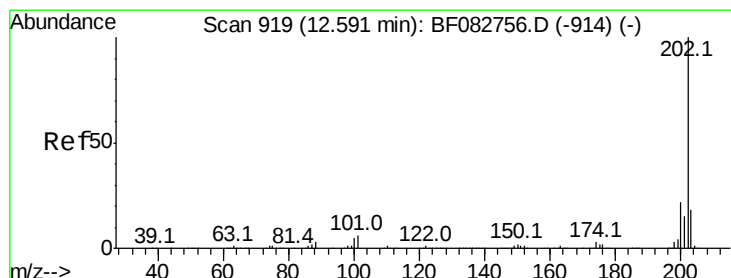
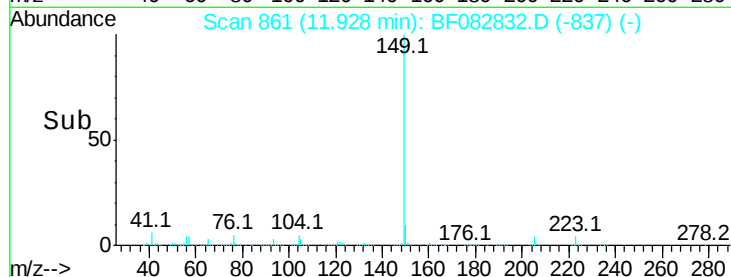
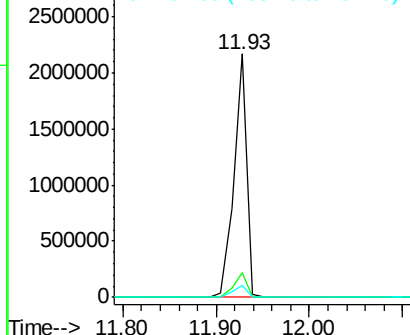
149 100

150 10.0 8.1 12.1

104 5.1 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: 37.23 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

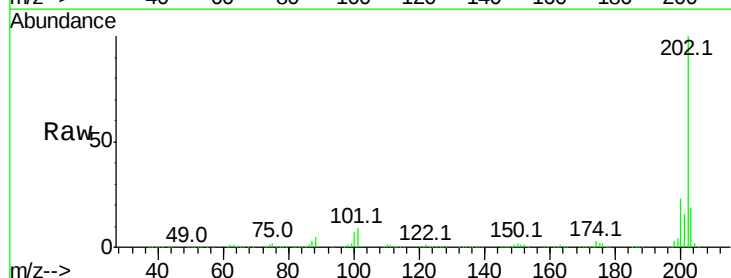
Tgt Ion:202 Resp: 1941908

Ion Ratio Lower Upper

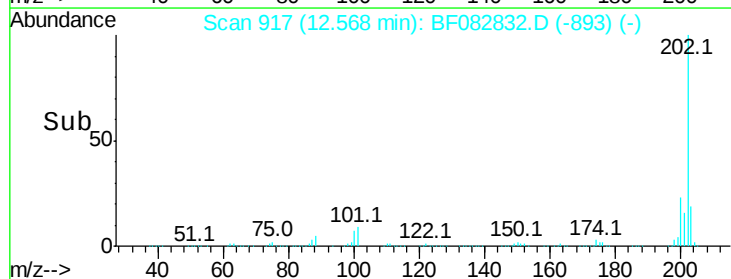
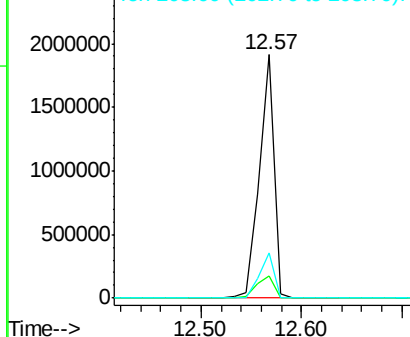
202 100

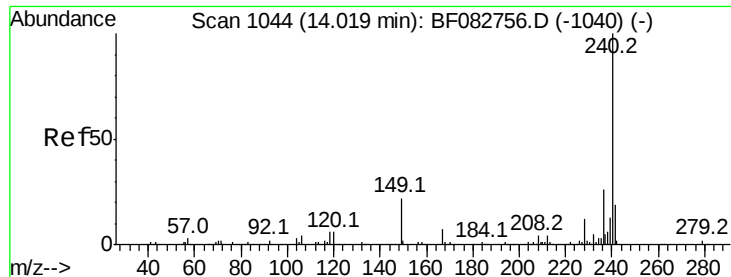
101 9.1 0.0 30.5

203 18.8 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

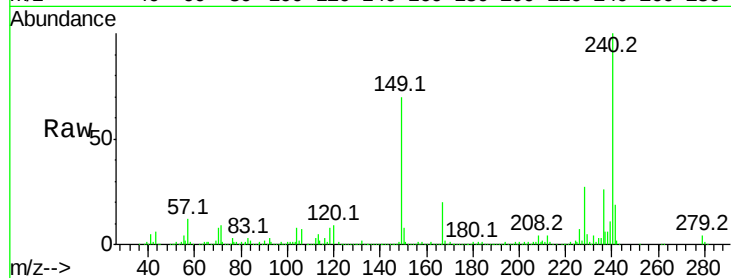
Tot Ion:240 Resp: 713629

Ion Ratio Lower Upper

240 100

120 9.0 10.9 16.3#

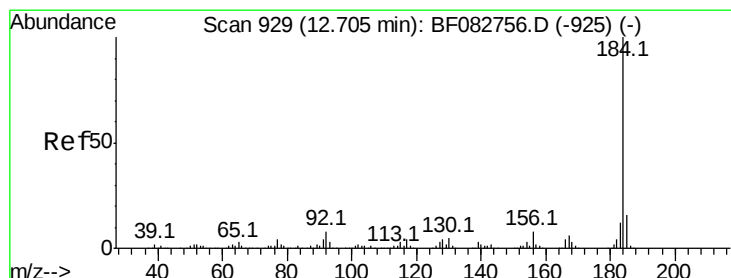
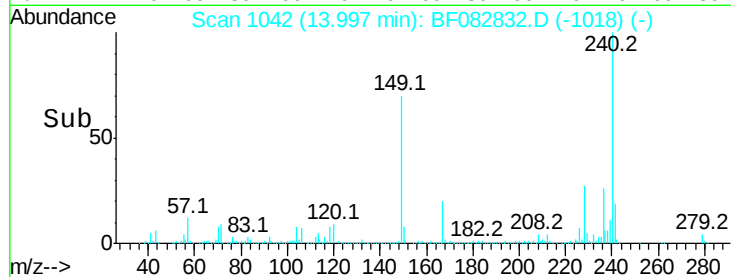
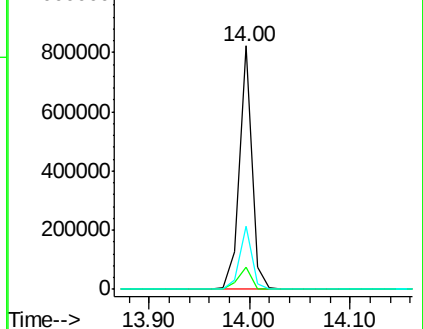
236 26.0 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.88 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

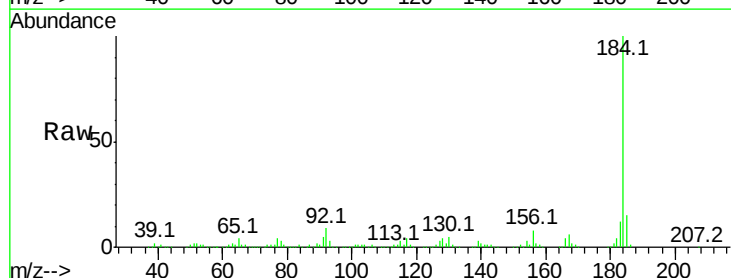
Tgt Ion:184 Resp: 810176

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

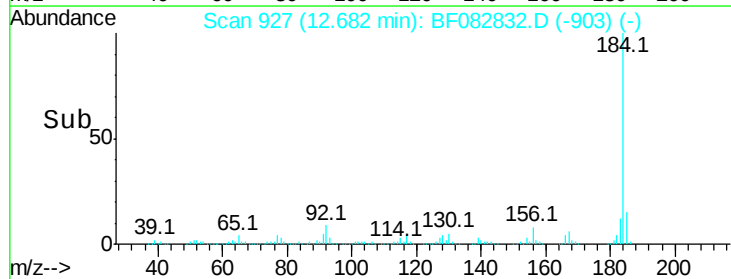
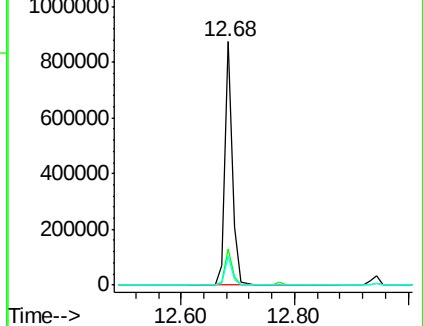
183 11.8 9.6 14.4

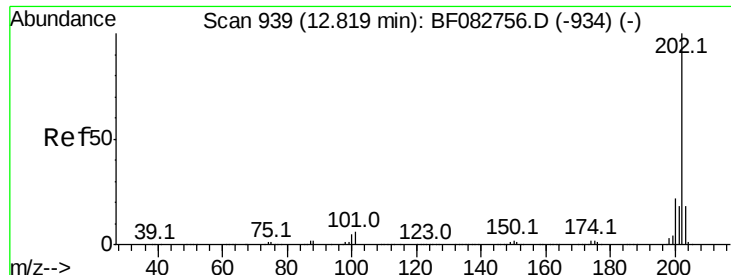


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

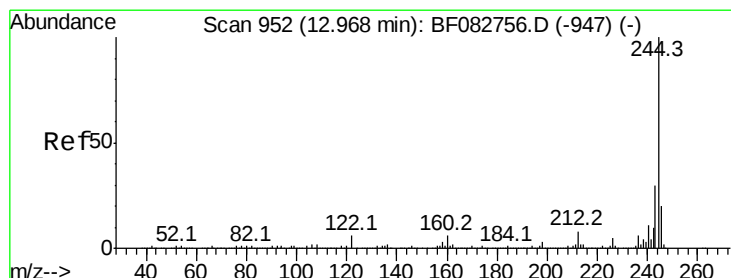
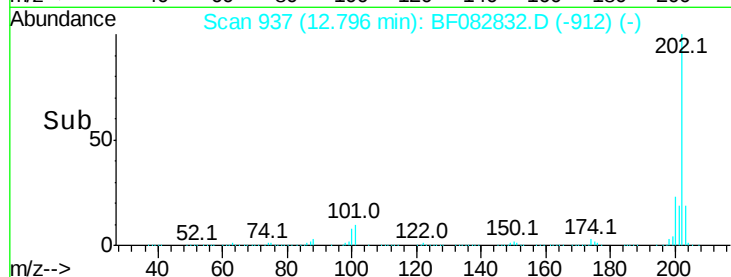
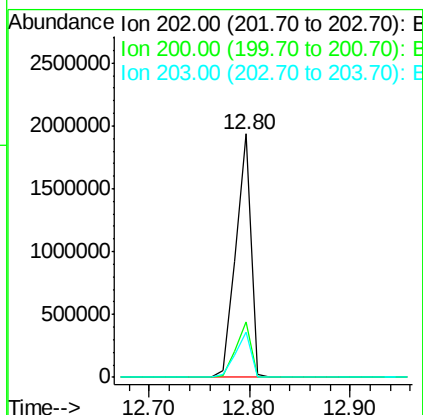
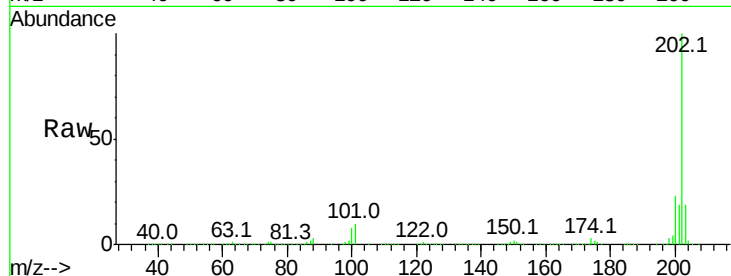




#77
Pvrene
Concen: 41.28 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

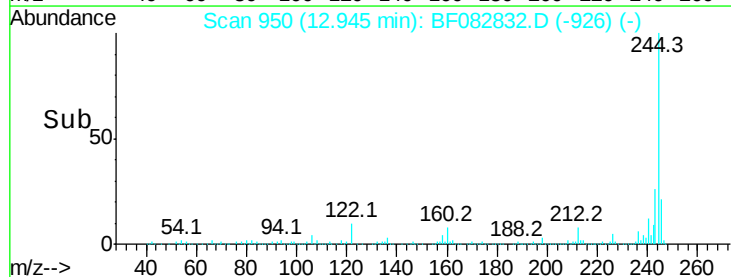
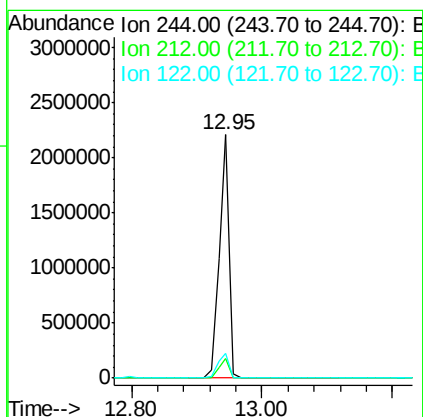
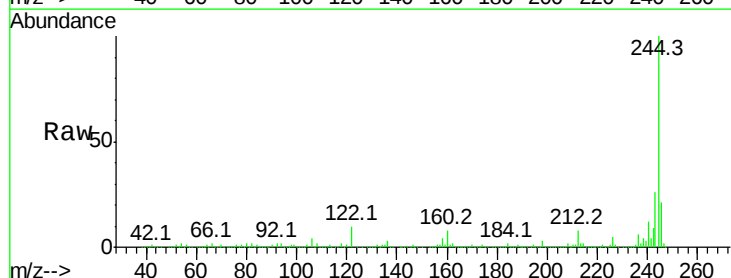
Instrument :
BNA_F
ClientSampleId :
PB86454BS

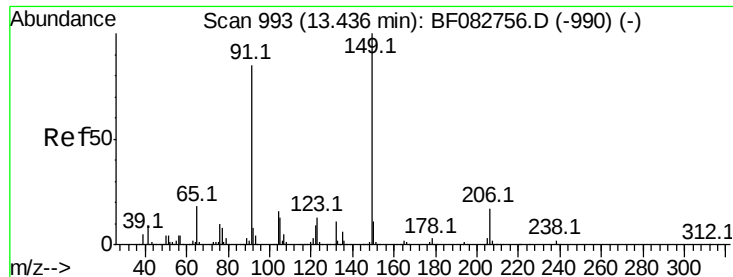
Tot Ion:202 Resp: 2023040
Ion Ratio Lower Upper
202 100
200 22.7 18.7 28.1
203 18.6 14.8 22.2



#78
Terphenyl-d14
Concen: 77.91 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:244 Resp: 2344257
Ion Ratio Lower Upper
244 100
212 8.2 7.6 11.4
122 10.4 11.3 16.9#

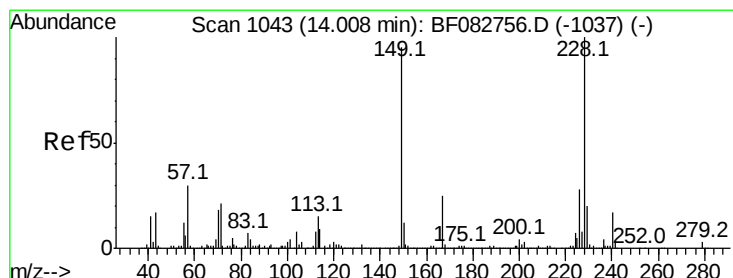
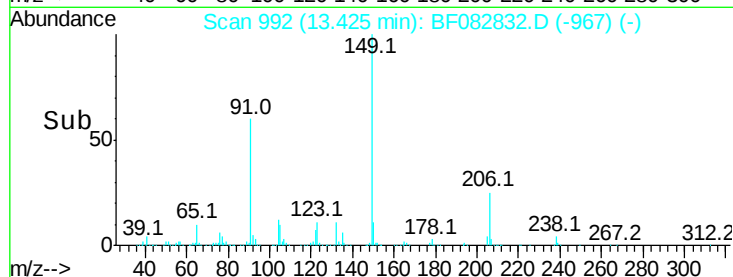
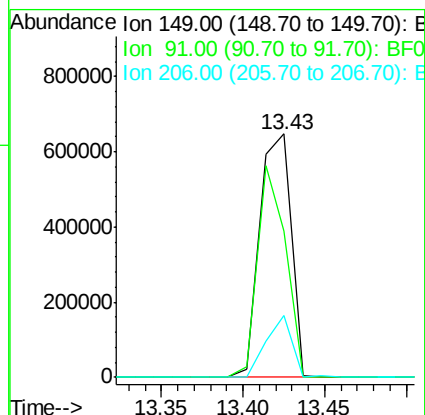
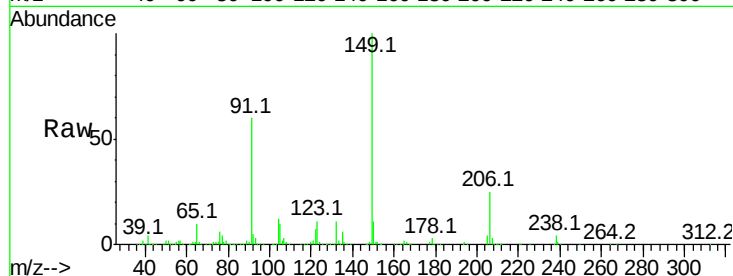




#79
Butylbenzylphthalate
Concen: 40.23 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

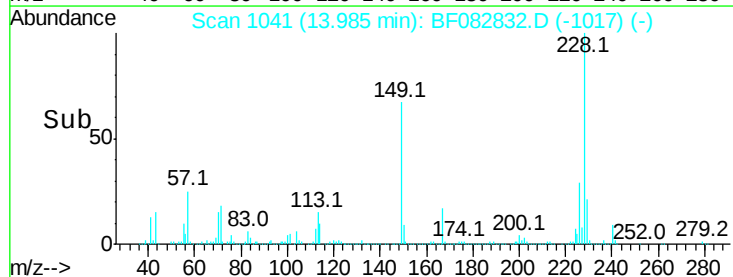
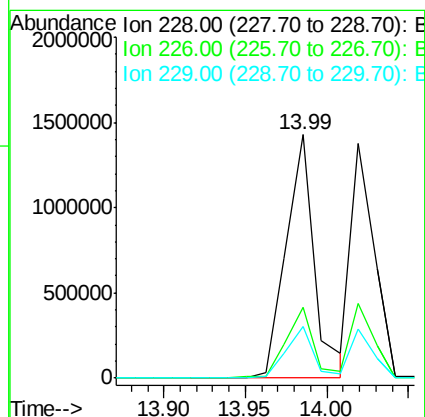
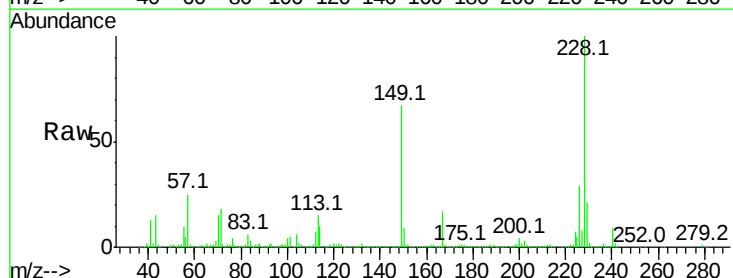
Instrument :
BNA_F
ClientSampleId :
PB86454BS

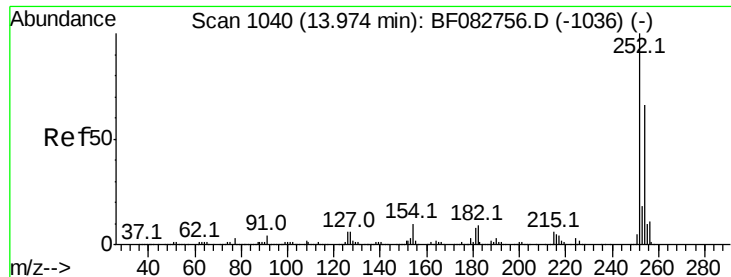
Tot Ion:149 Resp: 870965
Ion Ratio Lower Upper
149 100
91 60.1 67.7 101.5#
206 25.4 14.6 22.0#



#80
Benzo(a)anthracene
Concen: 38.97 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:228 Resp: 1739082
Ion Ratio Lower Upper
228 100
226 29.0 23.4 35.2
229 21.0 16.3 24.5

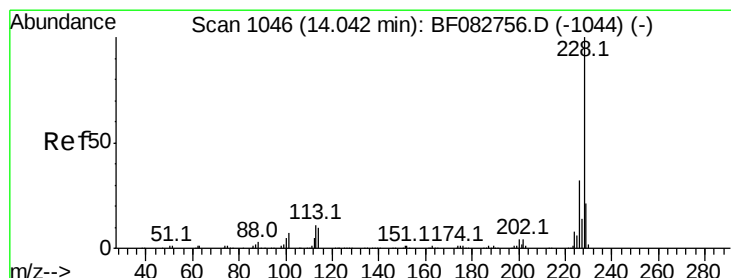
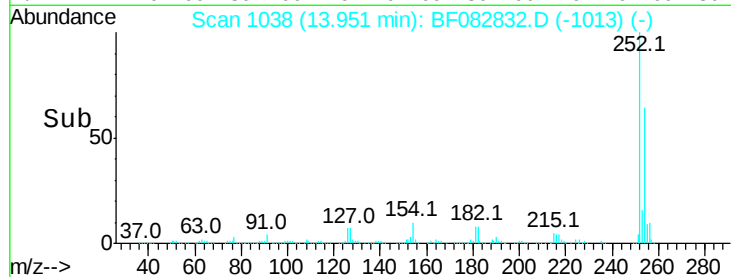
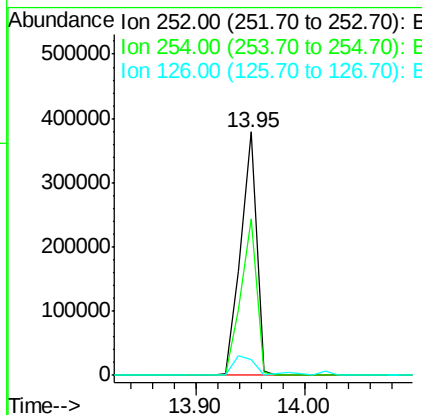
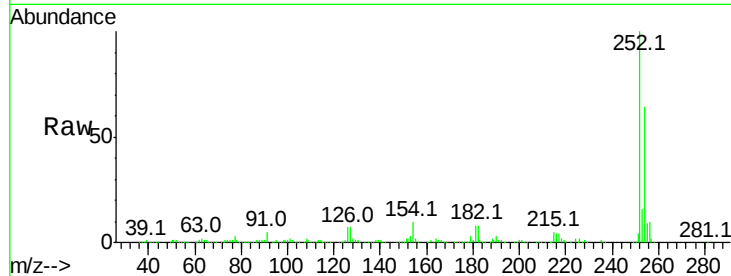




#81
 3,3'-Dichlorobenzidine
 Concen: 23.98 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

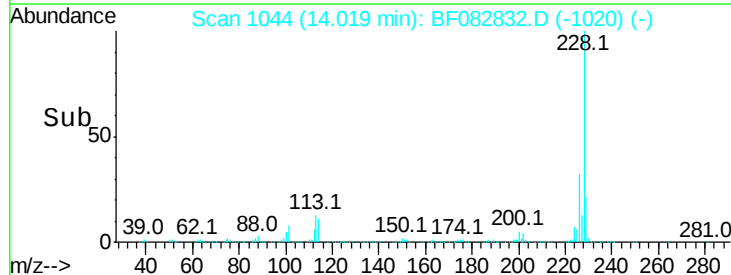
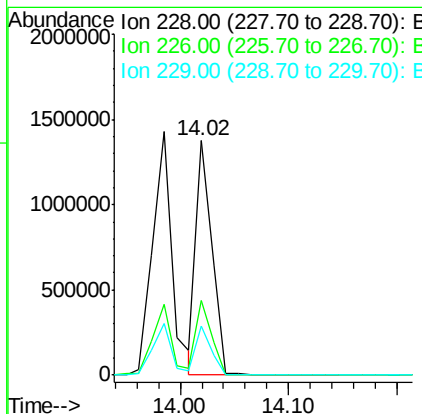
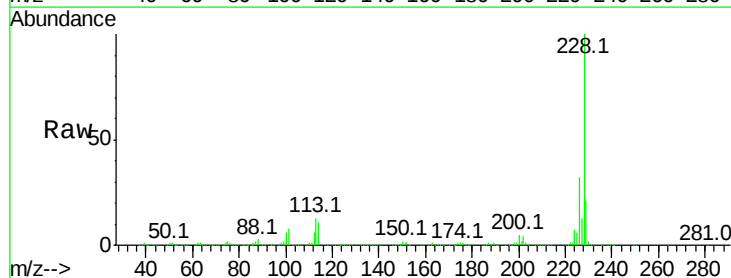
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

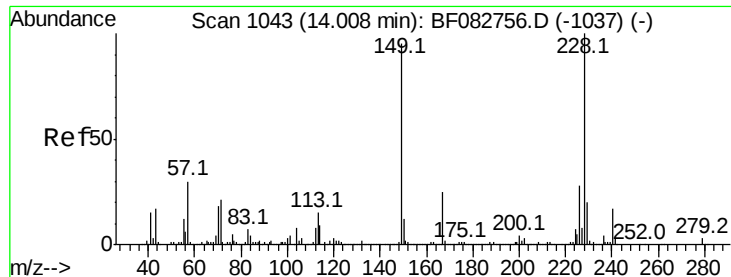
Tot Ion:252 Resp: 380383
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.4 77.0
 126 6.5 10.7 16.1#



#82
 Chrysene
 Concen: 34.31 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion:228 Resp: 1402324
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.5 38.3
 229 20.8 16.3 24.5

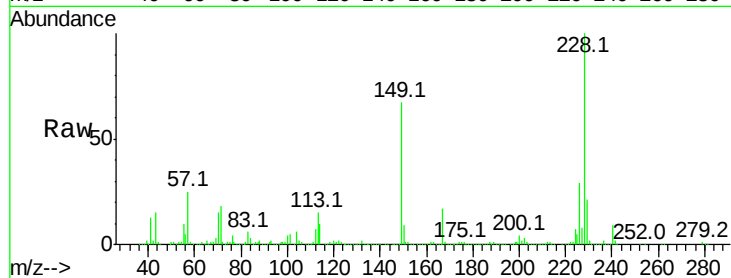




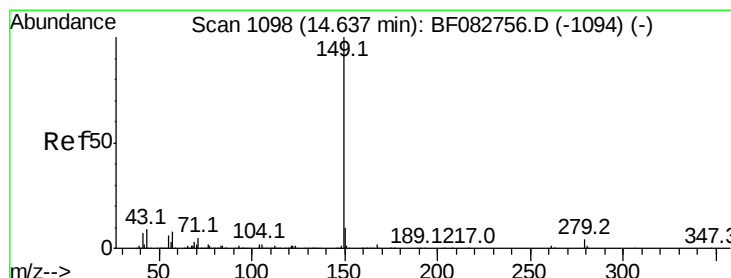
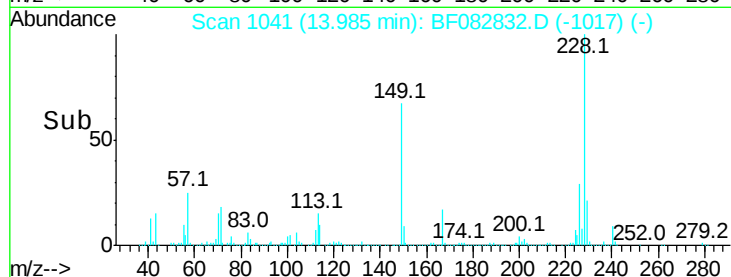
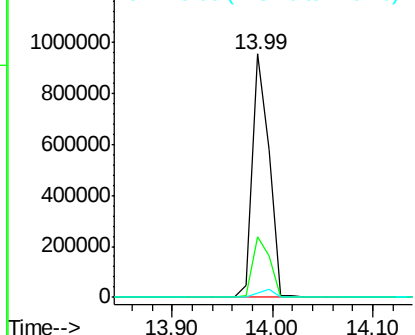
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.93 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion:149 Resp: 1094305
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.2 31.8
 279 1.9 2.2 3.2#

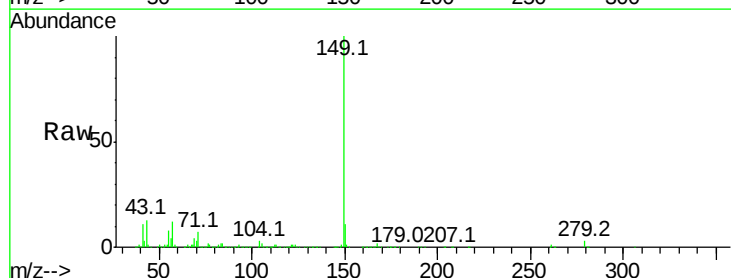


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

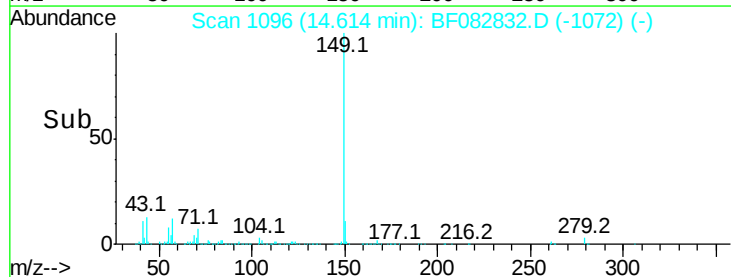
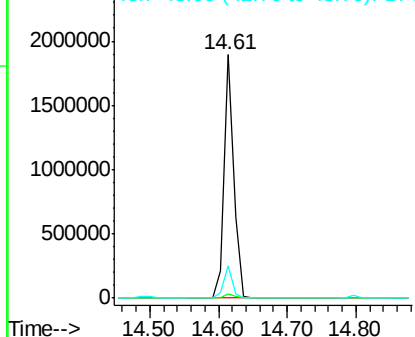


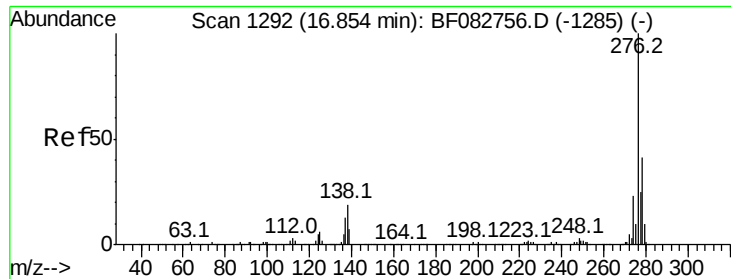
#84
 Di-n-octyl phthalate
 Concen: 38.45 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion:149 Resp: 1900804
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.1 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



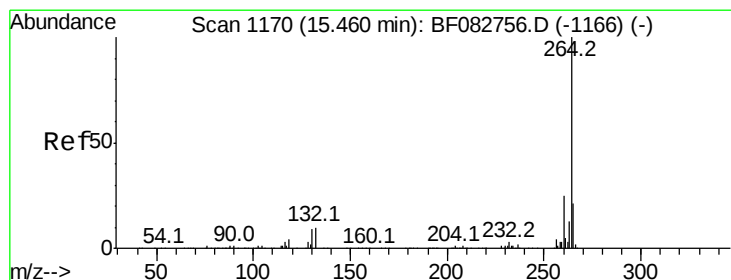
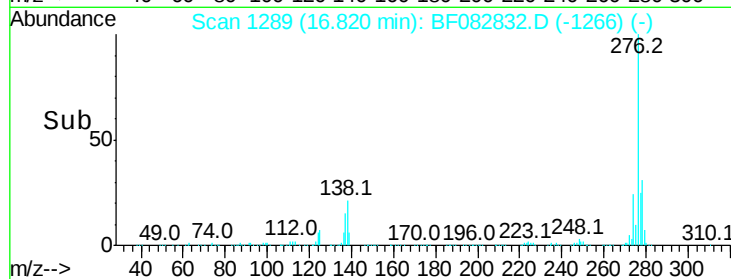
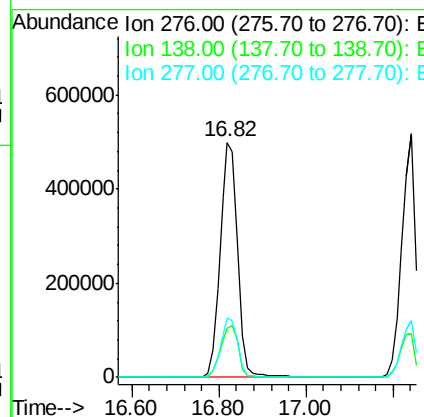
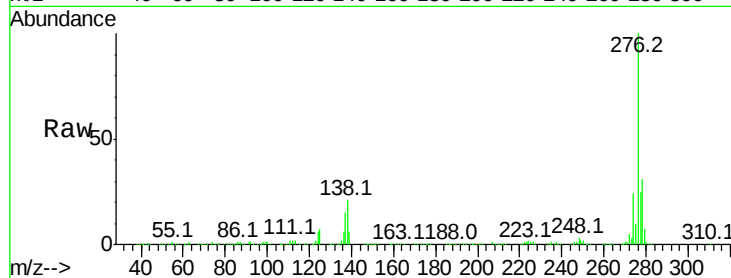


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.35 ng
 RT: 16.82 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion:276 Resp: 1420252

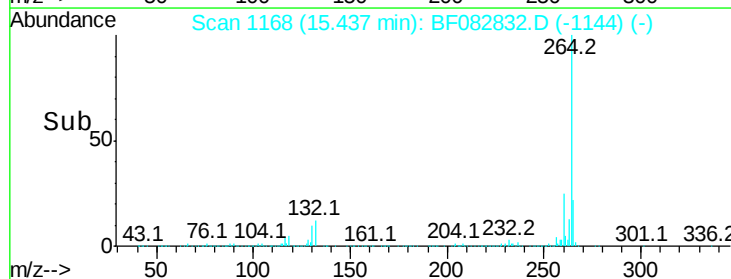
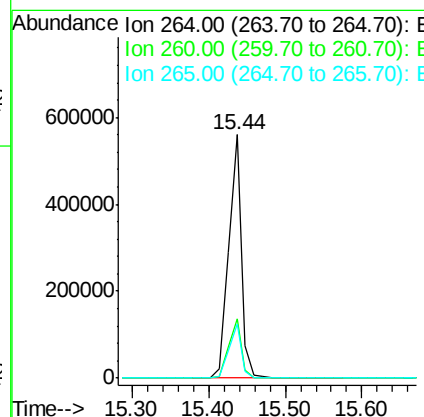
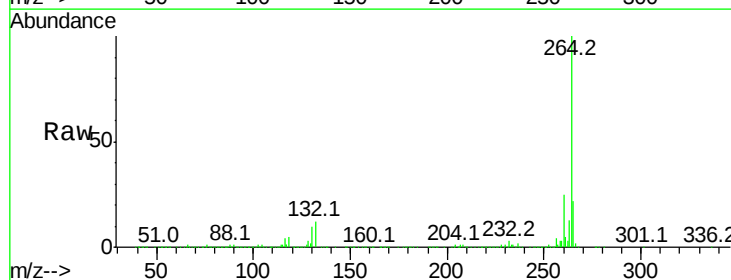
Ion	Ratio	Lower	Upper
276	100		
138	22.5	15.3	22.9
277	25.1	20.2	30.4

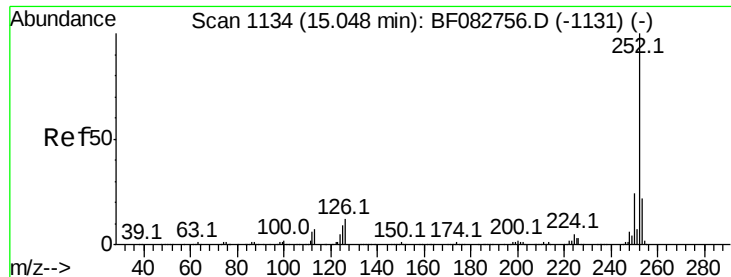


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion:264 Resp: 661745

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	22.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 69.74 ng

RT: 15.06 min Scan# 1135

Delta R.T. 0.01 min

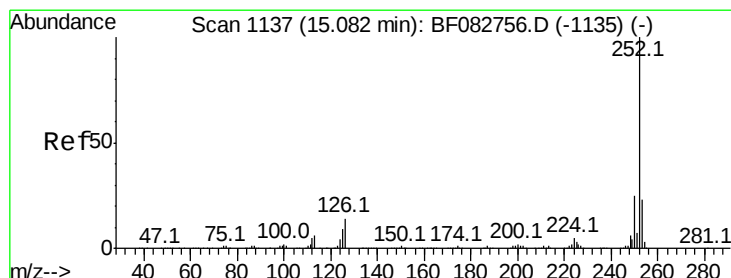
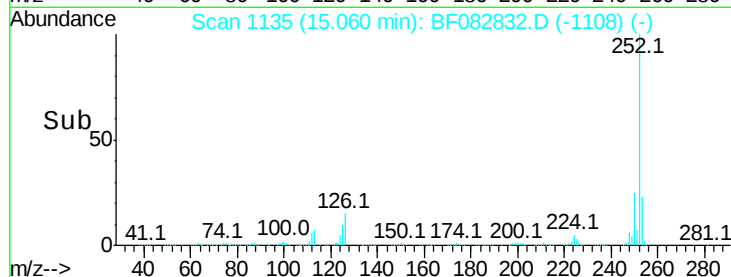
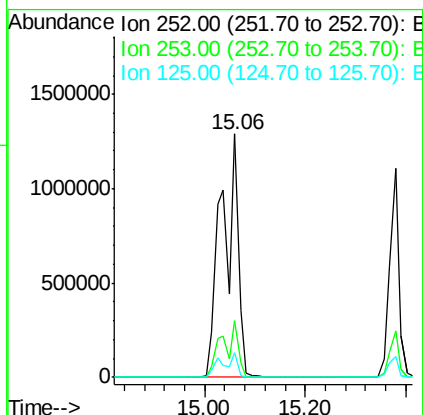
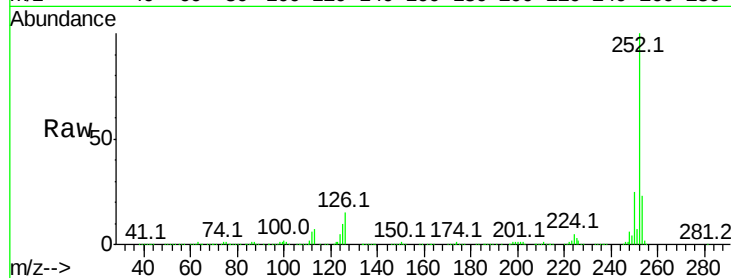
Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion:252 Resp: 2962184

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	10.3	5.4	8.2#



#88

Benzo(k)fluoranthene

Concen: 78.66 ng

RT: 15.06 min Scan# 1135

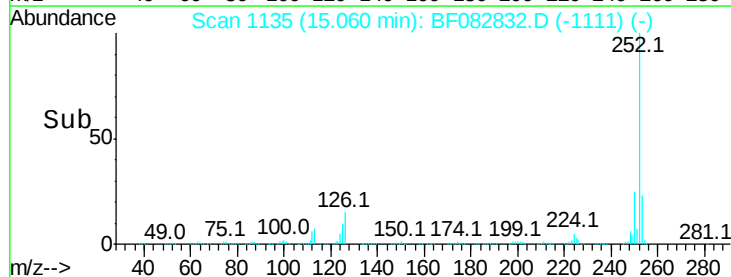
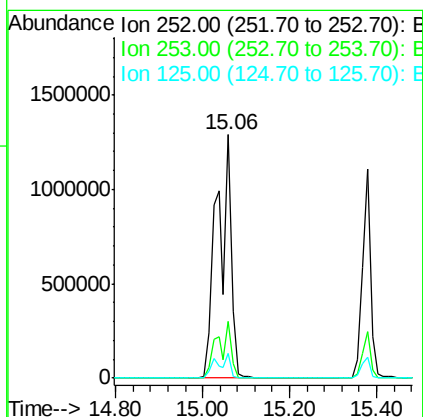
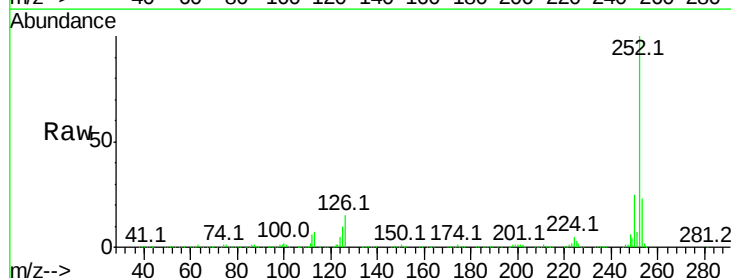
Delta R.T. -0.02 min

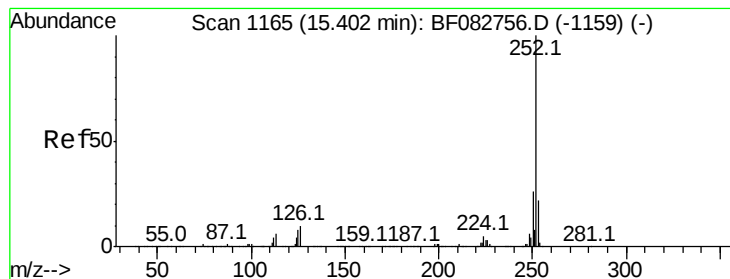
Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:252 Resp: 2963961

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	10.3	3.5	5.3#





#89

Benzo(a)pyrene

Concen: 38.57 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampled :

PB86454BS

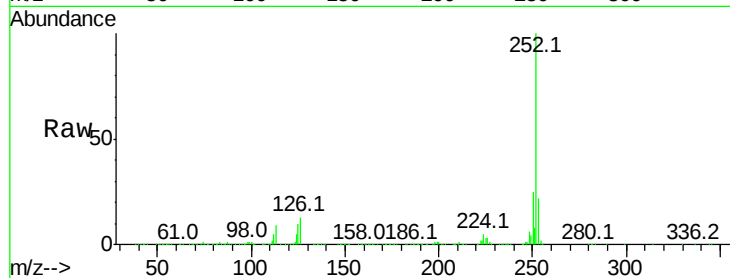
Tot Ion:252 Resp: 1419544

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

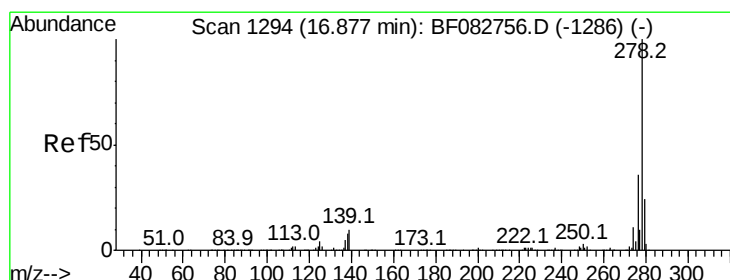
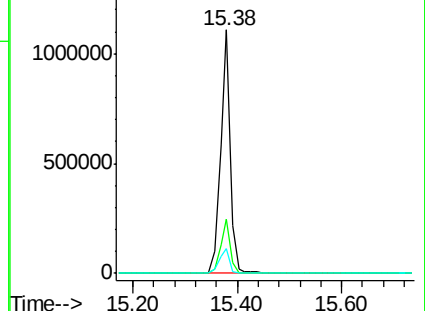
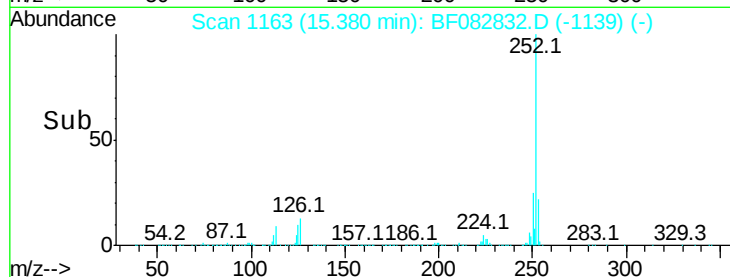
125 10.0 7.1 10.7



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: 38.16 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

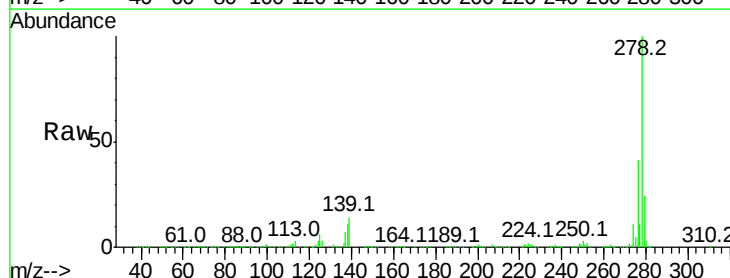
Tgt Ion:278 Resp: 1189074

Ion Ratio Lower Upper

278 100

139 13.6 9.9 14.9

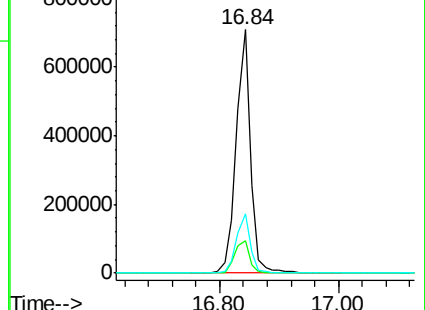
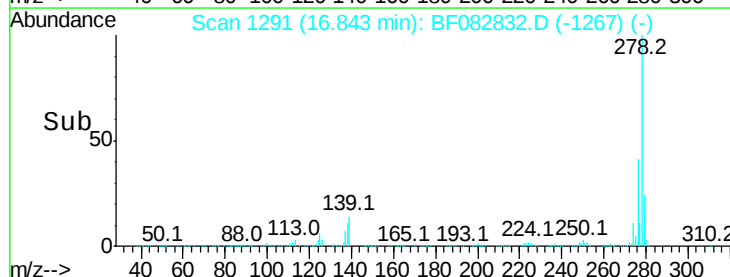
279 24.1 19.6 29.4

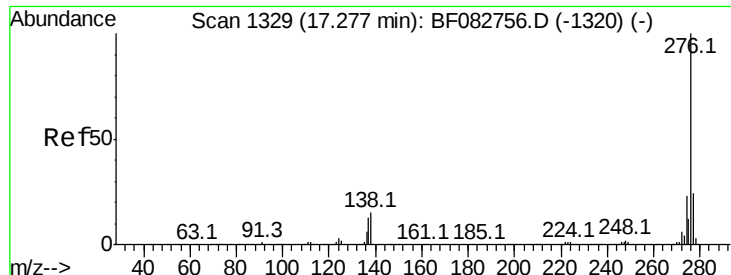


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.59 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

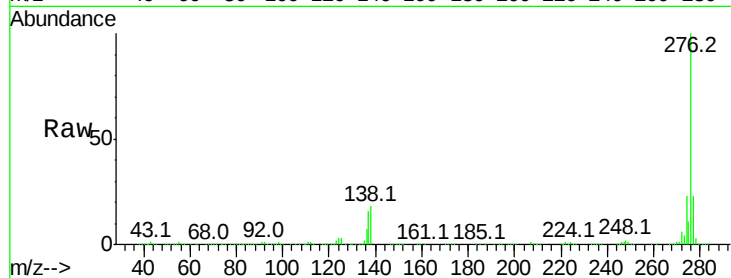
Tot Ion:276 Resp: 1151730

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 18.0 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

