

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082833.D
 Acq On : 9 Nov 2015 17:00
 Operator : UM/IZ
 Sample : PB86498BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Quant Time: Nov 10 02:51:02 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	232057	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	877529	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	430884	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	801870	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	702038	20.00	ng	-0.02
86) Perylene-d12	15.45	264	694417	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1559249	104.55	ng	0.00
7) Phenol-d6	6.48	99	2138280	107.84	ng	0.00
23) Nitrobenzene-d5	7.40	82	1571062	77.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	502821	101.78	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2097245	69.76	ng	-0.02
78) Terphenyl-d14	12.95	244	2442532	82.52	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	219976	34.18	ng	96
3) Pyridine	3.21	79	682583	36.55	ng	99
4) n-Nitrosodimethylamine	3.16	42	315538	34.07	ng	# 72
6) Aniline	6.49	93	663283	23.83	ng	# 1
8) 2-Chlorophenol	6.61	128	567829	34.34	ng	# 74
9) Benzaldehyde	6.37	77	64475	5.89	ng	84
10) Phenol	6.49	94	897867	39.91	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	575019	34.18	ng	93
12) 1,3-Dichlorobenzene	6.77	146	667257	35.78	ng	# 88
13) 1,4-Dichlorobenzene	6.77	146	667257	34.39	ng	95
14) 1,2-Dichlorobenzene	7.00	146	606328	34.37	ng	97
15) Benzyl Alcohol	6.98	79	637079	36.59	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	921576	37.34	ng	97
17) 2-Methylphenol	7.09	107	502073	35.85	ng	98
18) Hexachloroethane	7.34	117	236316	34.06	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	474985	32.59	ng	88
20) 3+4-Methylphenols	7.25	107	658007	36.14	ng	# 68
22) Acetophenone	7.24	105	855637	34.03	ng	# 93
24) Nitrobenzene	7.41	77	680608	33.00	ng	91
25) Isophorone	7.65	82	1296949	34.76	ng	98
26) 2-Nitrophenol	7.73	139	335568	38.98	ng	# 70
27) 2,4-Dimethylphenol	7.78	122	584174	37.77	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	747181	35.50	ng	98
29) 2,4-Dichlorophenol	7.97	162	503910	36.05	ng	88
30) 1,2,4-Trichlorobenzene	8.06	180	565534	35.97	ng	96
31) Naphthalene	8.14	128	1686178	34.83	ng	98
32) Benzoic acid	7.90	122	364545	34.42	ng	91
33) 4-Chloroaniline	8.19	127	375657	18.00	ng	# 83
34) Hexachlorobutadiene	8.27	225	333069	33.85	ng	97
35) Caprolactam	8.56	113	120920	27.44	ng	# 80
36) 4-Chloro-3-methylphenol	8.68	107	623100	37.90	ng	# 81
37) 2-Methylnaphthalene	8.83	142	1060079	33.85	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	543261	38.37	ng	98
40) Hexachlorocyclopentadiene	8.99	237	611255	80.35	ng	99

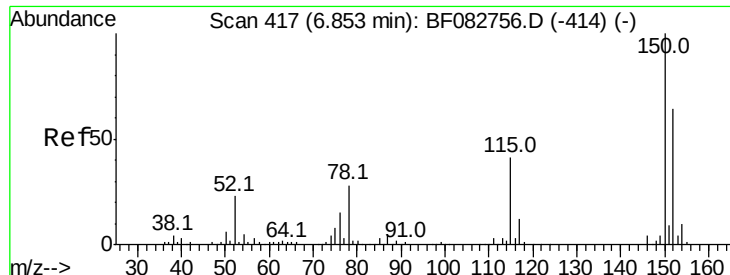
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082833.D
 Acq On : 9 Nov 2015 17:00
 Operator : UM/IZ
 Sample : PB86498BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Quant Time: Nov 10 02:51:02 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)
42) 2,4,6-Trichlorophenol	9.12	196	380057	35.96	nq	95
43) 2,4,5-Trichlorophenol	9.16	196	401000	38.36	nq #	77
45) 1,1'-Biphenyl	9.30	154	1423905	38.51	nq	98
46) 2-Chloronaphthalene	9.32	162	1109992	38.49	nq	99
47) 2-Nitroaniline	9.41	65	439741	41.10	nq #	76
48) Acenaphthylene	9.73	152	1604930	35.51	nq	100
49) Dimethylphthalate	9.60	163	1197306	33.92	nq	100
50) 2,6-Dinitrotoluene	9.65	165	258506	34.32	nq	96
51) Acenaphthene	9.90	154	1145478	39.99	nq	100
52) 3-Nitroaniline	9.82	138	195329	23.58	nq #	61
53) 2,4-Dinitrophenol	9.93	184	310870	75.17	nq #	26
54) Dibenzofuran	10.08	168	1379846	35.73	nq	95
55) 4-Nitrophenol	10.00	139	525770	82.73	nq	89
56) 2,4-Dinitrotoluene	10.06	165	413872	40.50	nq #	63
57) Fluorene	10.42	166	1133186	36.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	325571	38.16	nq #	88
59) Diethylphthalate	10.30	149	1333786	38.70	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	544829	34.81	nq	90
61) 4-Nitroaniline	10.44	138	330455	39.67	nq #	71
62) Azobenzene	10.57	77	1472159	39.76	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	211334	36.99	nq #	60
65) n-Nitrosodiphenylamine	10.53	169	1050521	36.26	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	328890	34.06	nq #	75
67) Hexachlorobenzene	10.97	284	364045	33.77	nq #	84
68) Atrazine	11.06	200	318139	35.51	nq	97
69) Pentachlorophenol	11.16	266	449731	68.69	nq	98
70) Phenanthrene	11.38	178	1808240	38.83	nq	100
71) Anthracene	11.43	178	1733645	35.34	nq	99
72) Carbazole	11.59	167	1750233	40.76	nq	99
73) Di-n-butylphthalate	11.93	149	2053971	38.39	nq #	97
74) Fluoranthene	12.57	202	1920589	38.43	nq	96
76) Benzidine	12.68	184	915694	38.92	nq	100
77) Pyrene	12.80	202	1972225	40.91	nq	99
79) Butylbenzylphthalate	13.41	149	837398	39.32	nq	93
80) Benzo(a)anthracene	13.99	228	1712018	39.00	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	413093	26.47	nq #	97
82) Chrysene	14.02	228	1490004	37.06	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	1125046	38.59	nq #	96
84) Di-n-octyl phthalate	14.63	149	2088738	42.95	nq	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	1541764	44.52	nq	96
87) Benzo(b)fluoranthene	15.04	252	1526483	34.25	nq #	97
88) Benzo(k)fluoranthene	15.04	252	1526483	38.60	nq #	96
89) Benzo(a)pyrene	15.39	252	1545484	40.02	nq	98
90) Dibenzo(a,h)anthracene	16.85	278	1267946	38.77	nq	99
91) Benzo(g,h,i)perylene	17.25	276	1253462	40.02	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

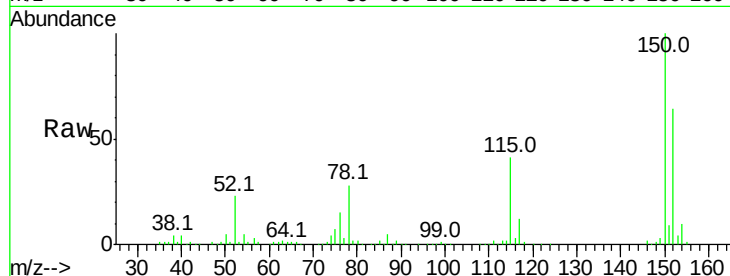
Tot Ion:152 Resp: 232057

Ion Ratio Lower Upper

152 100

150 155.7 127.0 190.4

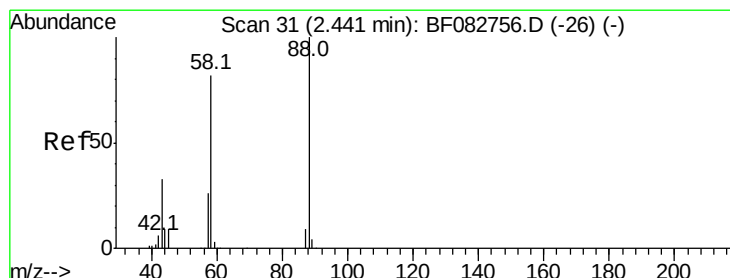
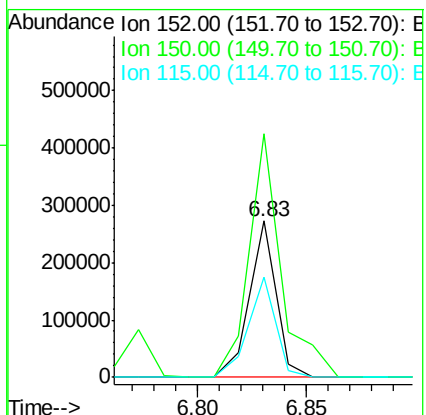
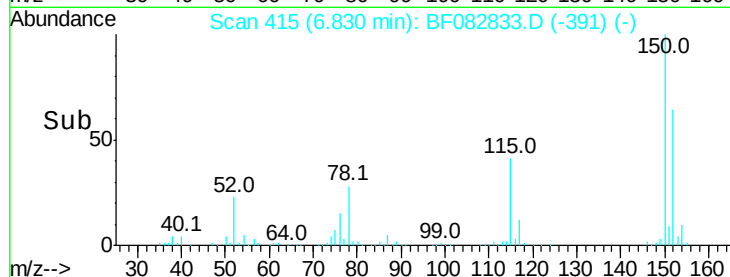
115 64.1 47.0 70.6



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: 34.18 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.07 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

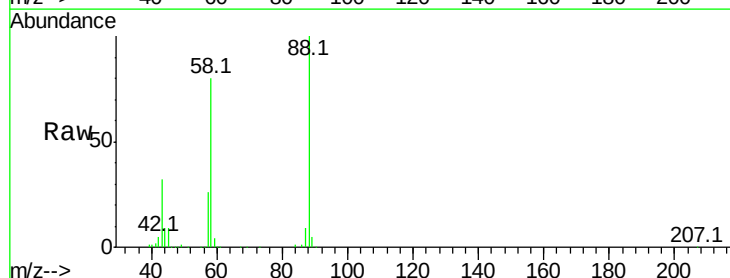
Tgt Ion: 88 Resp: 219976

Ion Ratio Lower Upper

88 100

58 80.8 62.0 93.0

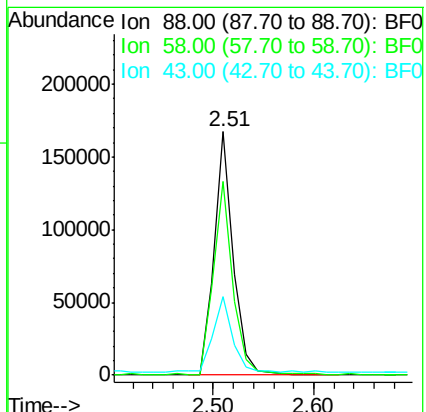
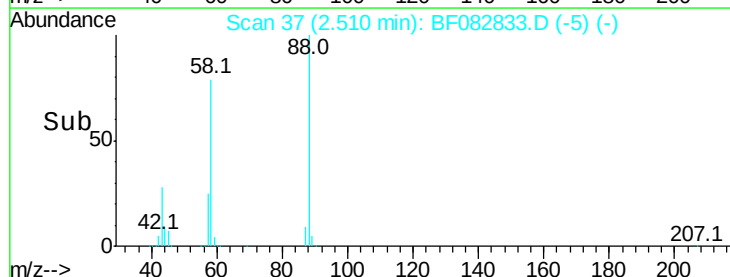
43 31.2 26.6 40.0

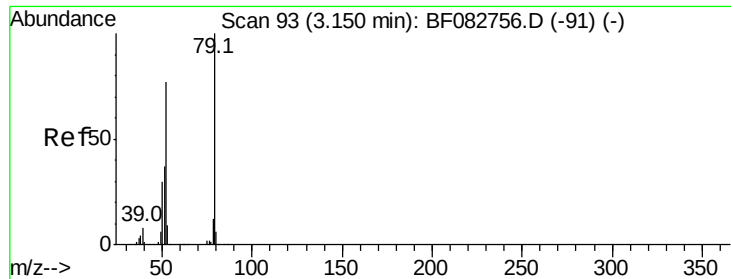


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.55 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

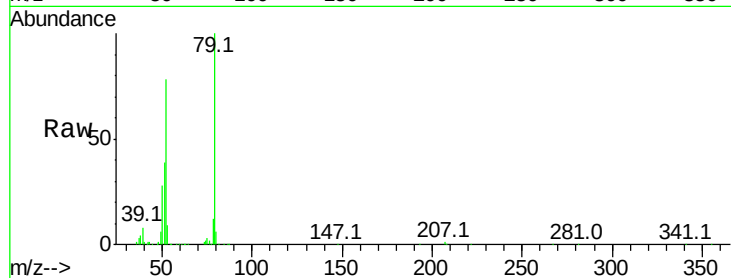
Tot Ion: 79 Resp: 682583

Ion Ratio Lower Upper

79 100

52 77.8 62.8 94.2

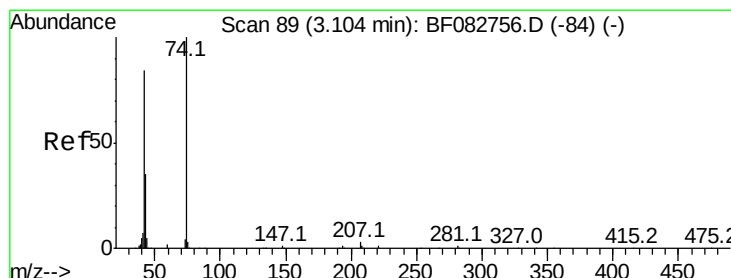
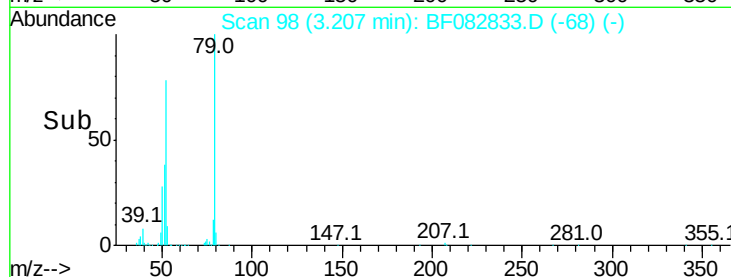
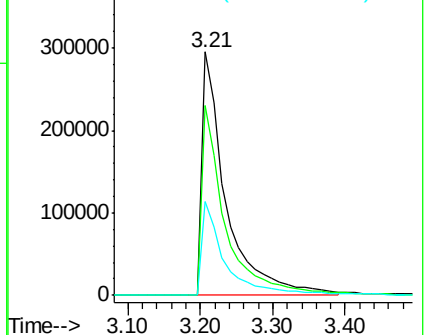
51 38.5 32.0 48.0



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: 34.07 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.07 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

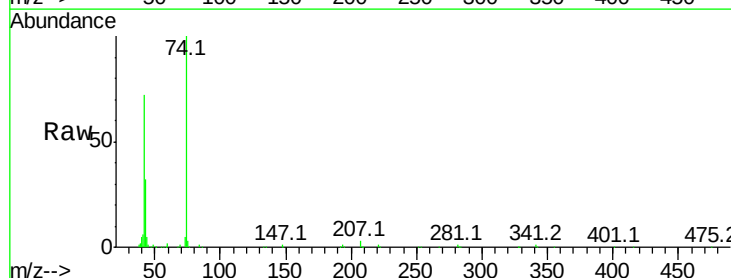
Tgt Ion: 42 Resp: 315538

Ion Ratio Lower Upper

42 100

74 139.8 87.0 130.4#

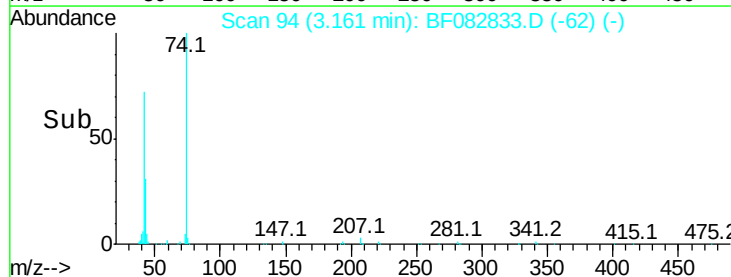
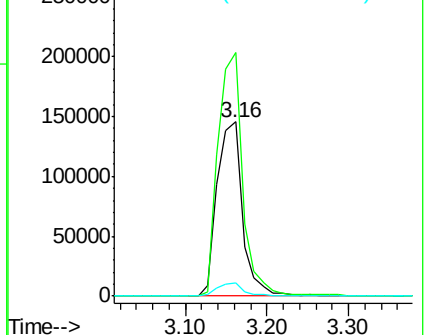
44 7.5 5.8 8.8

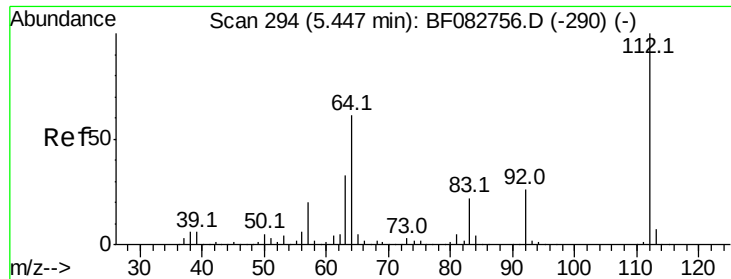


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

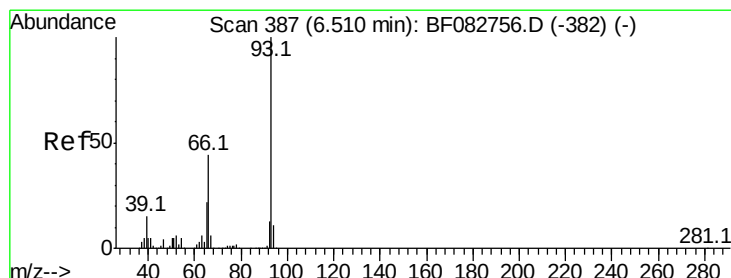
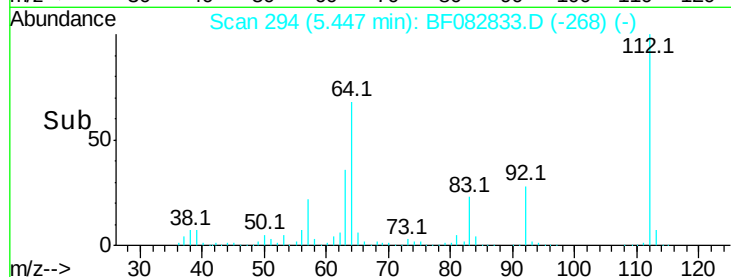
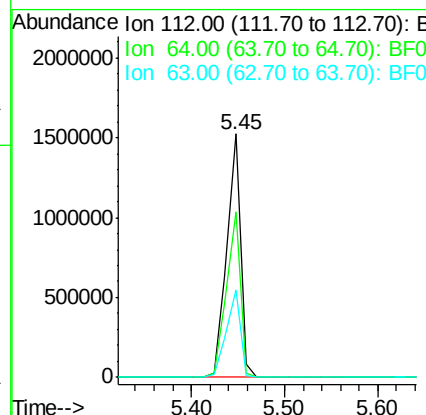
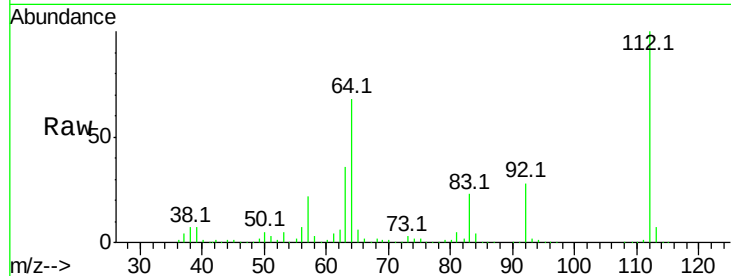




#5
 2-Fluorophenol
 Concen: 104.55 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

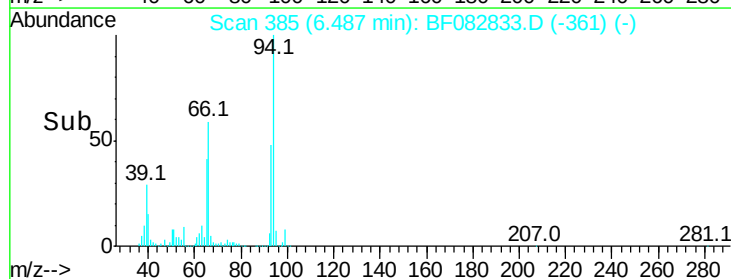
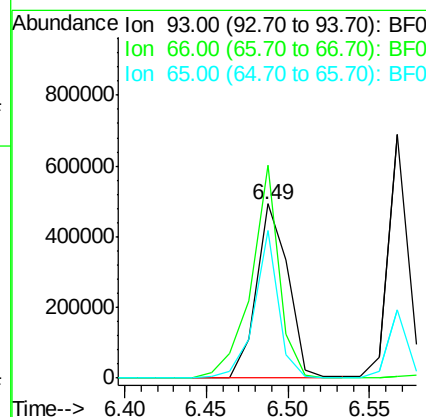
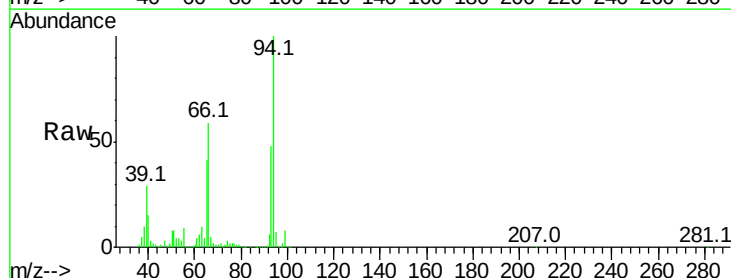
Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

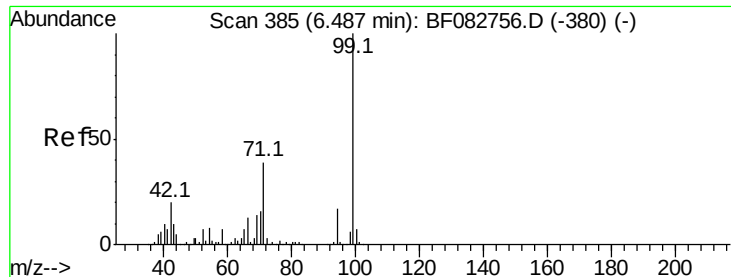
Tot Ion:112 Resp: 1559249
 Ion Ratio Lower Upper
 112 100
 64 68.0 48.9 73.3
 63 35.7 28.1 42.1



#6
 Aniline
 Concen: 23.83 ng
 RT: 6.49 min Scan# 385
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion: 93 Resp: 663283
 Ion Ratio Lower Upper
 93 100
 66 122.3 33.6 50.4#
 65 84.6 18.1 27.1#





#7

Phenol-d6

Concen: 107.84 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

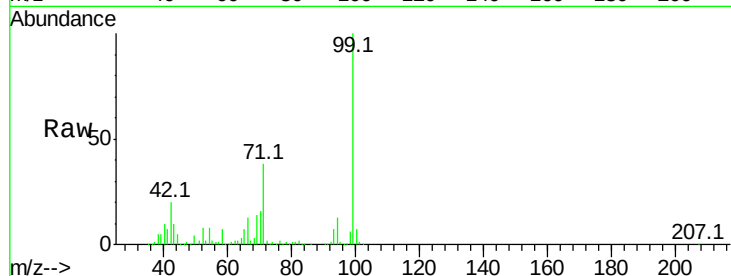
BNA_F

ClientSampleId :

PB86498BS

Tot Ion: 99 Resp: 2138280

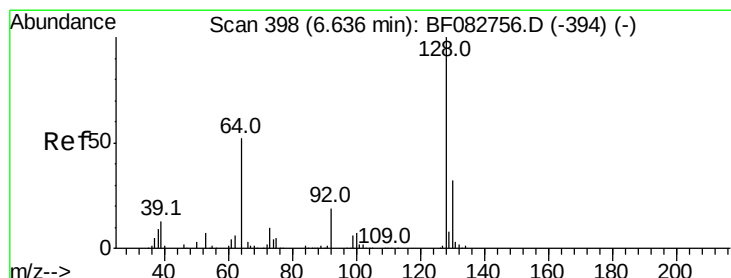
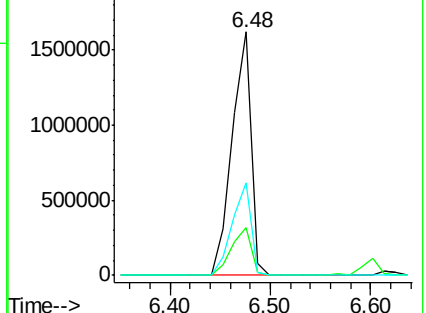
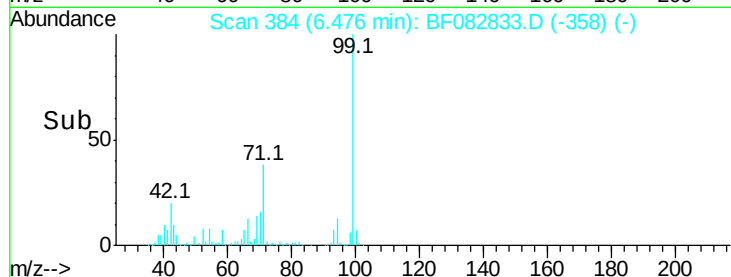
Ion	Ratio	Lower	Upper
99	100		
42	19.6	19.2	28.8
71	37.9	35.0	52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.34 ng

RT: 6.61 min Scan# 396

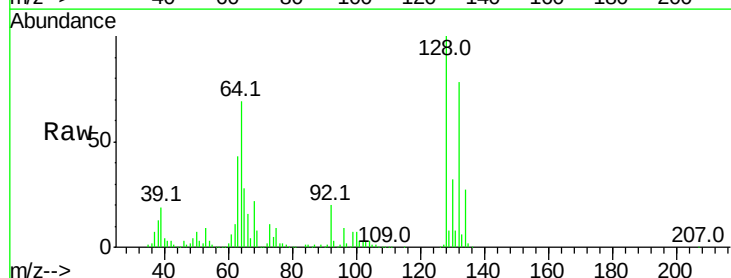
Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:128 Resp: 567829

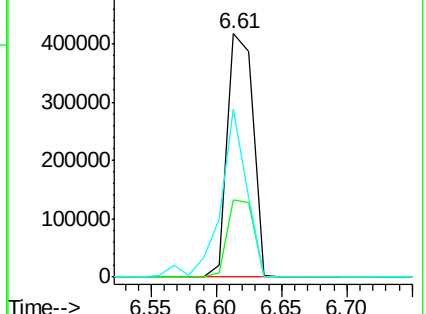
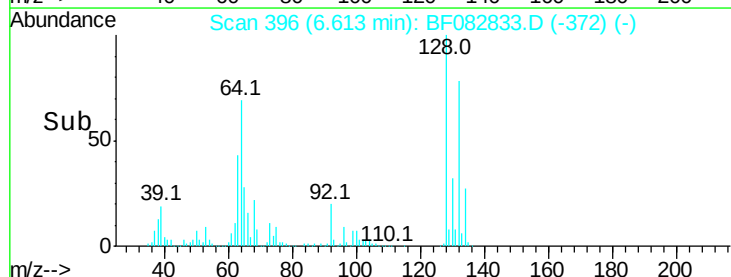
Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.5	53.5
64	69.2	21.1	61.1

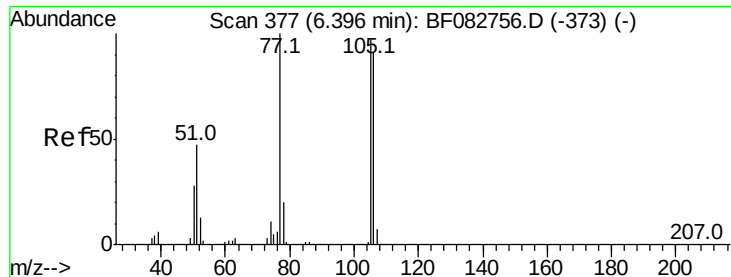


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.89 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

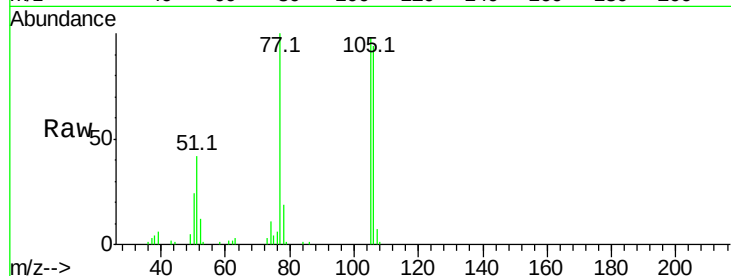
Tot Ion: 77 Resp: 64475

Ion Ratio Lower Upper

77 100

105 97.8 63.5 103.5

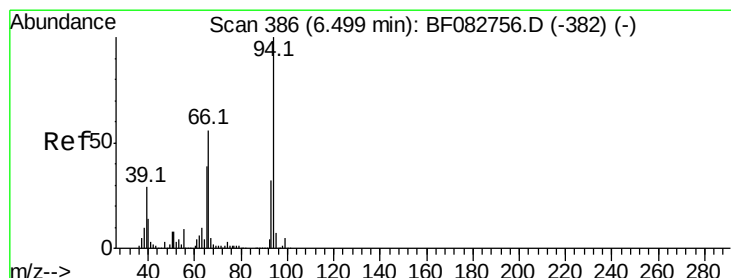
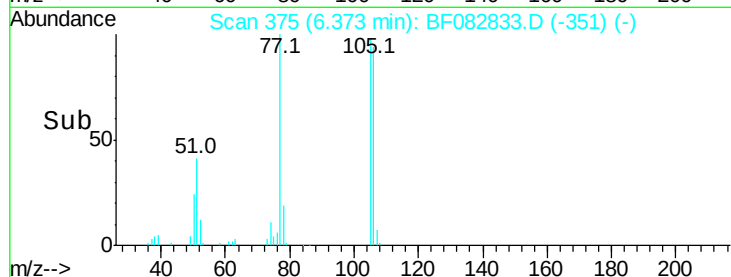
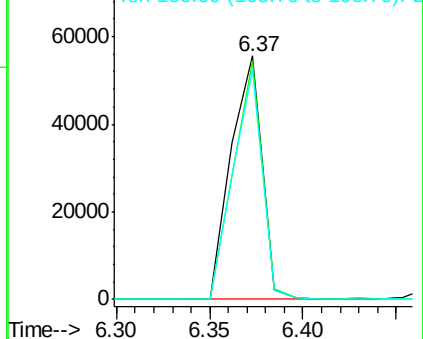
106 94.0 59.3 99.3



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: 39.91 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

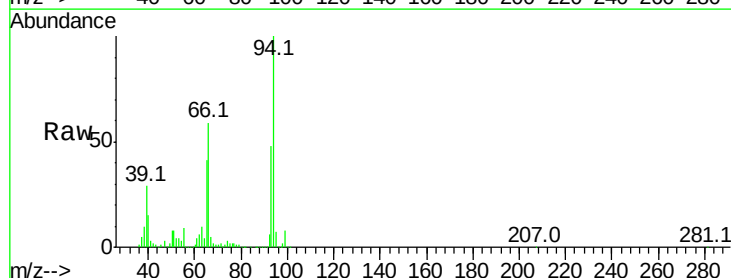
Tgt Ion: 94 Resp: 897867

Ion Ratio Lower Upper

94 100

65 40.7 18.9 58.9

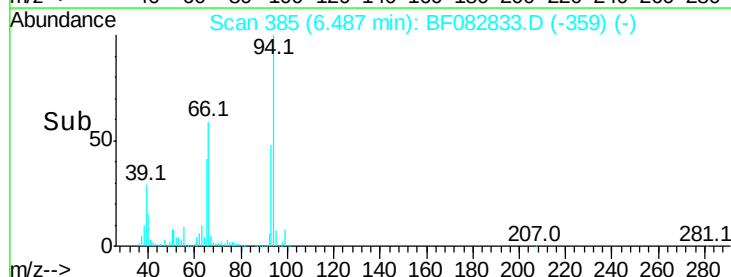
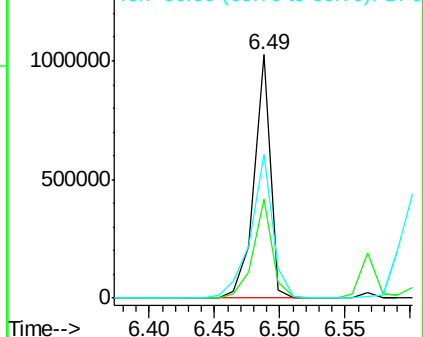
66 58.8 34.9 74.9

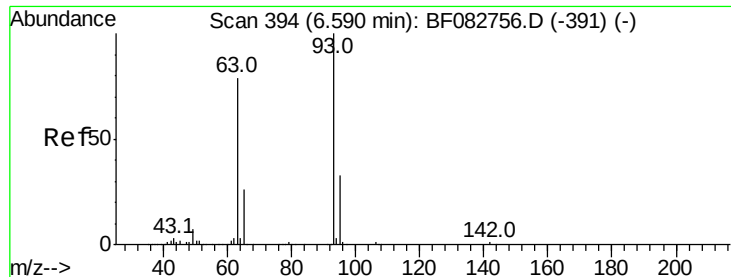


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

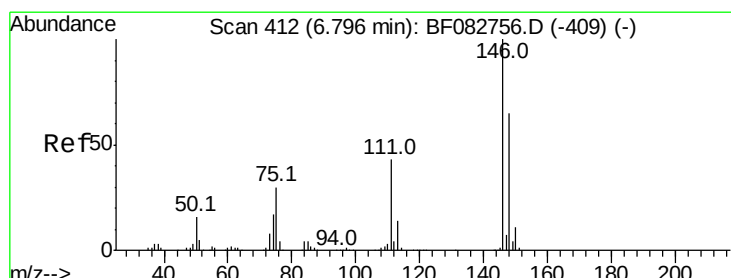
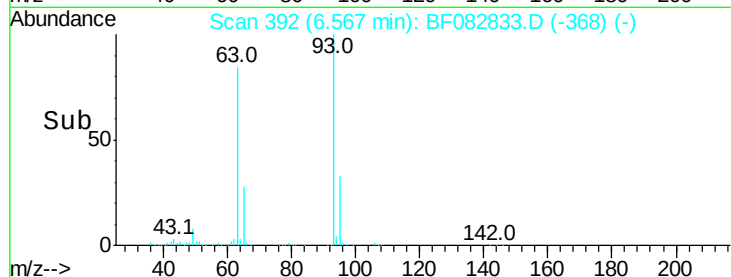
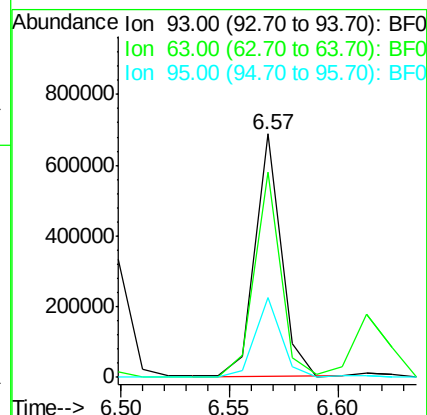
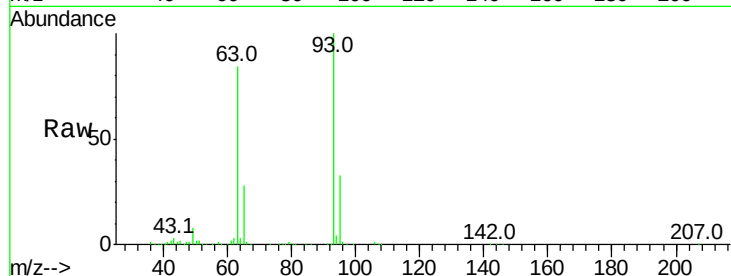




#11
bis(2-Chloroethyl)ether
Concen: 34.18 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

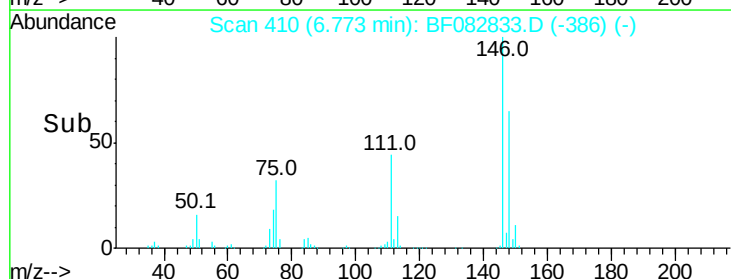
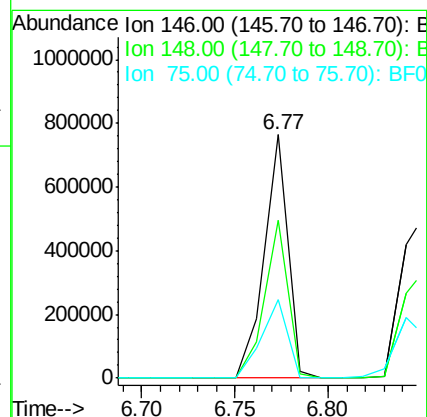
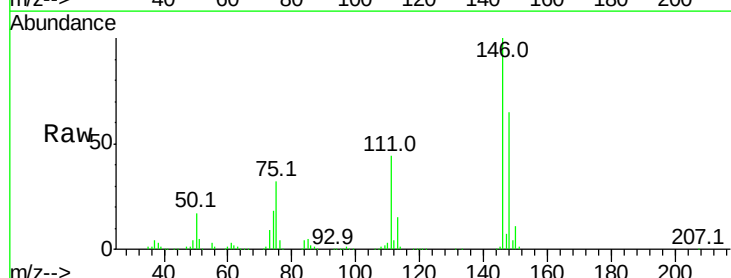
Instrument :
BNA_F
ClientSampleId :
PB86498BS

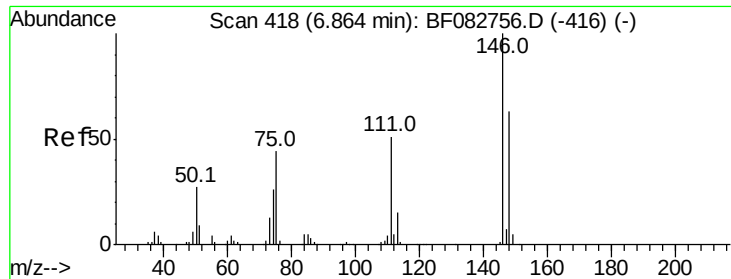
Tot Ion: 93 Resp: 575019
Ion Ratio Lower Upper
93 100
63 84.3 72.7 112.7
95 33.0 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 35.78 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion: 146 Resp: 667257
Ion Ratio Lower Upper
146 100
148 64.8 50.5 75.7
75 32.5 39.5 59.3#

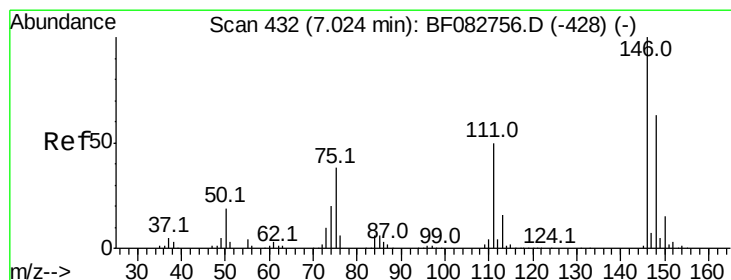
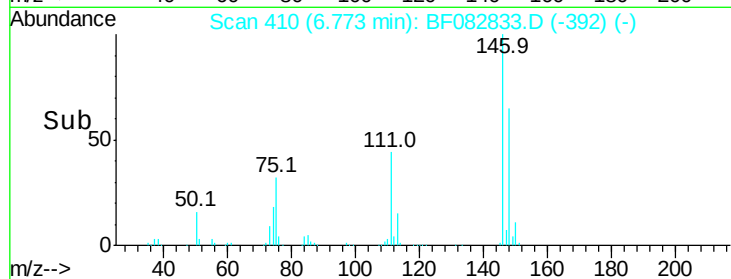
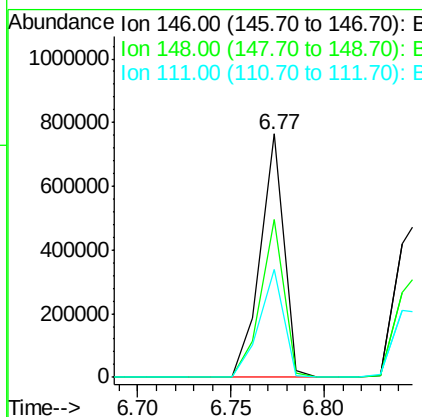
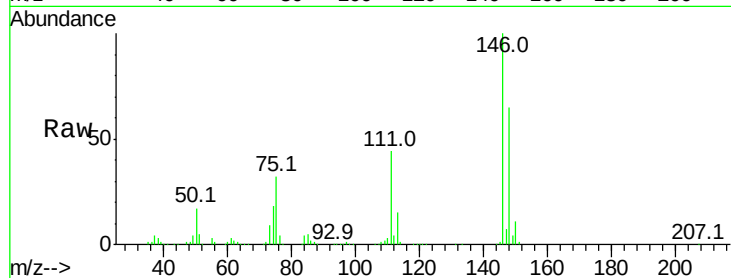




#13
1,4-Dichlorobenzene
Concen: 34.39 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.09 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

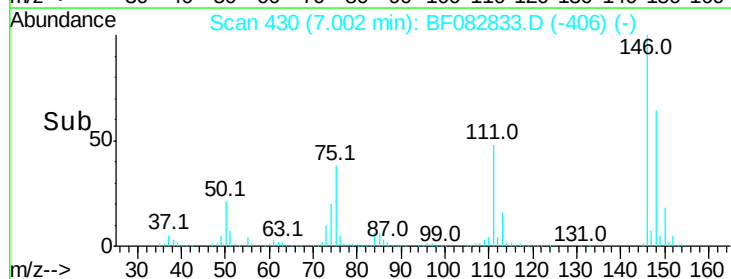
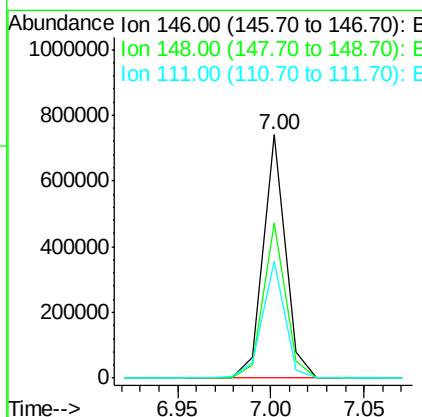
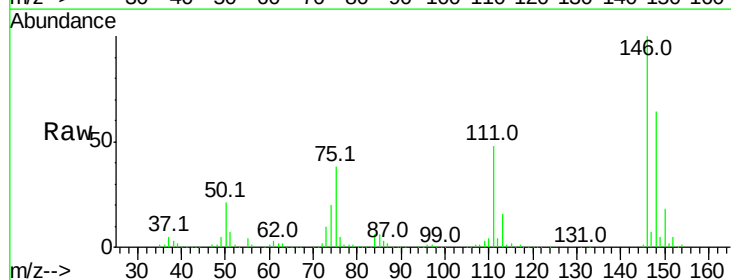
Instrument :
BNA_F
ClientSampleId :
PB86498BS

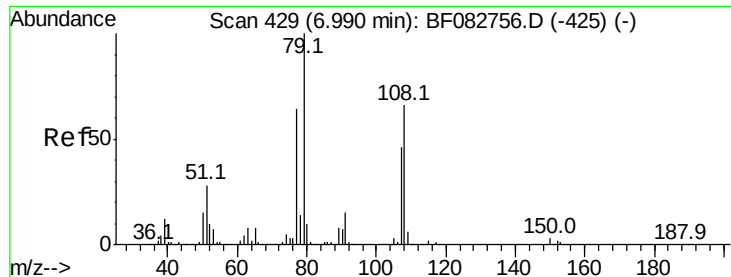
Tot Ion:146 Resp: 667257
Ion Ratio Lower Upper
146 100
148 64.8 50.8 76.2
111 44.3 40.6 60.8



#14
1,2-Dichlorobenzene
Concen: 34.37 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:146 Resp: 606328
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
111 48.1 36.6 55.0





#15

Benzyl Alcohol

Concen: 36.59 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

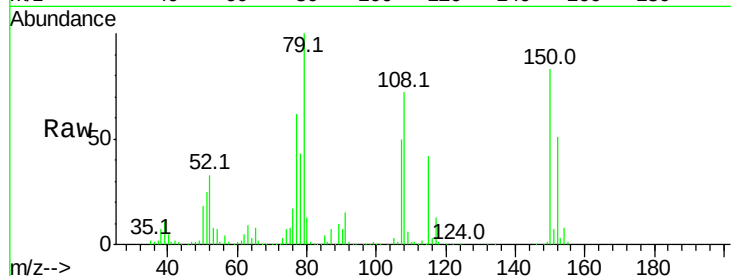
Tot Ion: 79 Resp: 637079

Ion Ratio Lower Upper

79 100

108 71.8 52.2 78.4

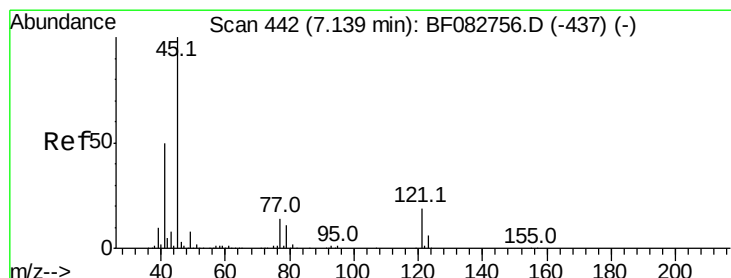
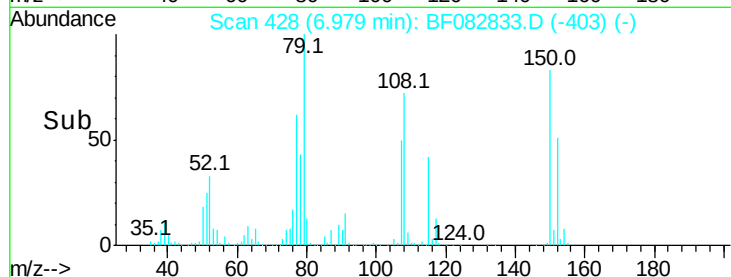
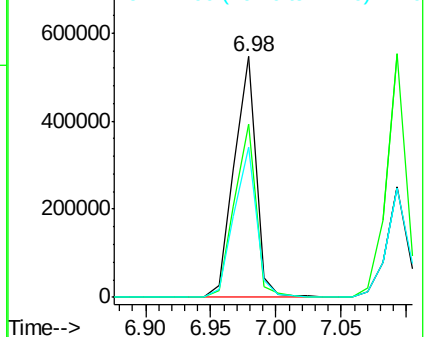
77 62.3 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.34 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

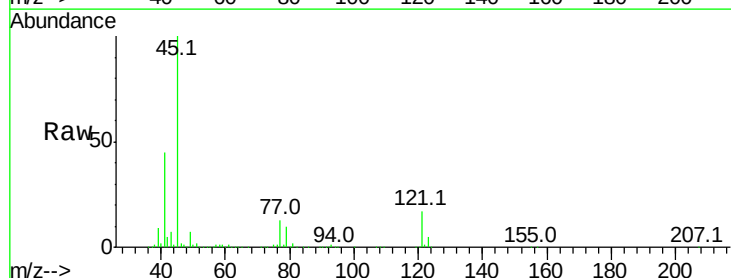
Tgt Ion: 45 Resp: 921576

Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.6

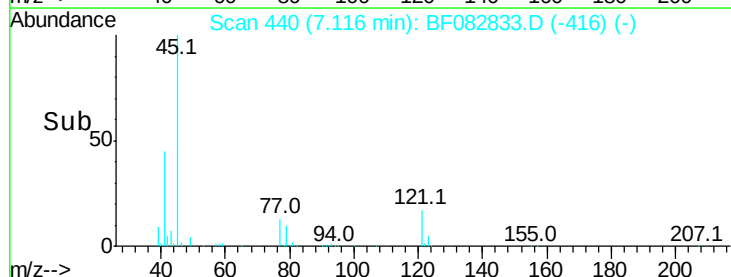
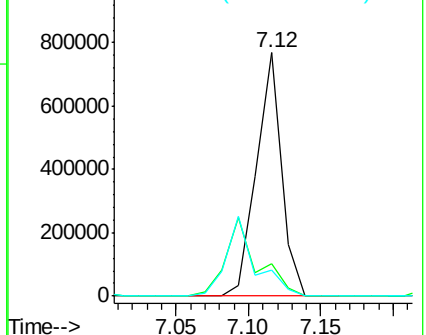
79 10.5 0.0 29.2

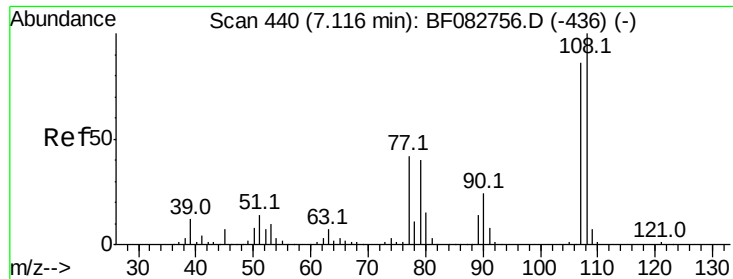


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

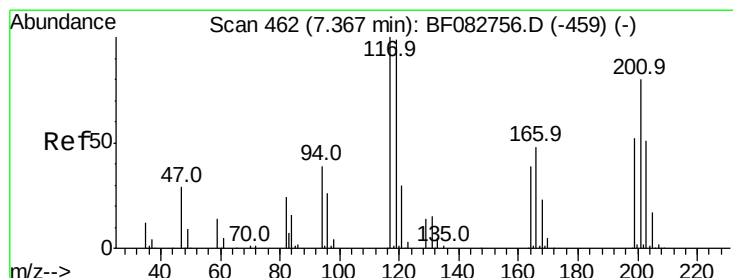
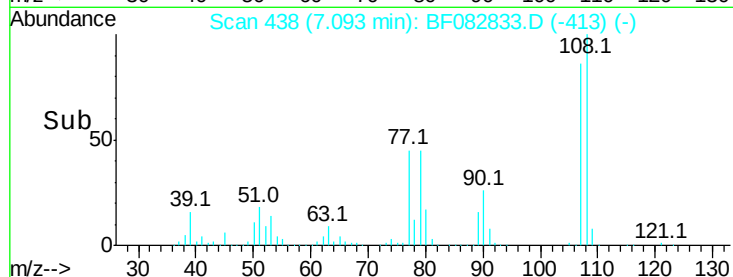
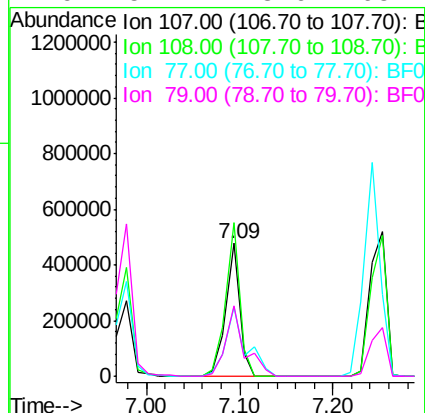
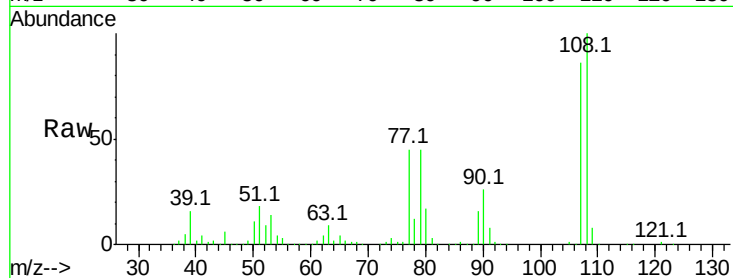




#17
2-Methylphenol
Concen: 35.85 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

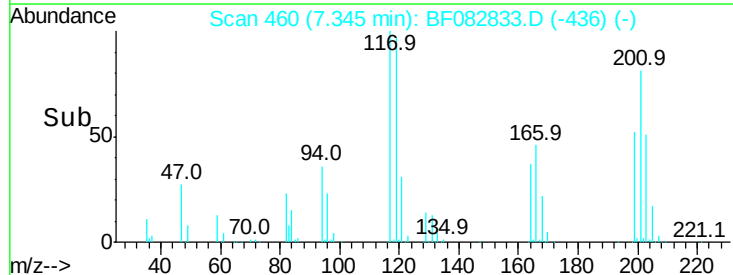
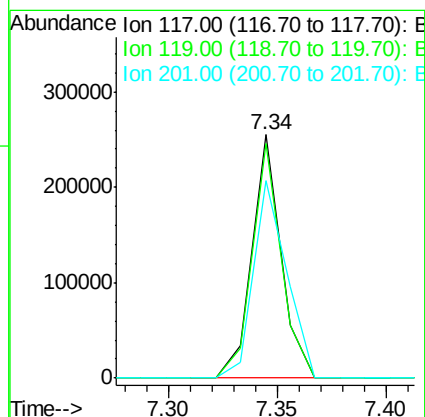
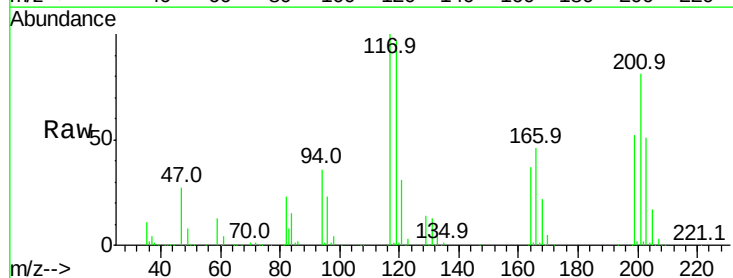
Instrument :
BNA_F
ClientSampleId :
PB86498BS

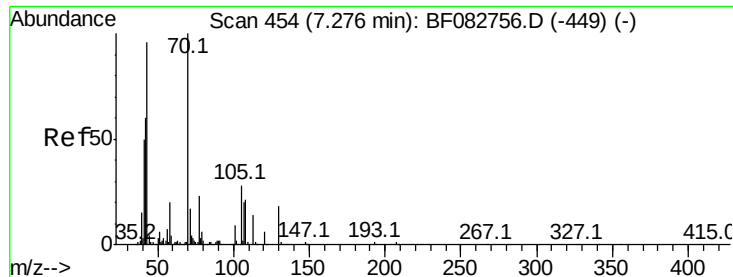
Tot Ion:	107	Resp:	502073
Ion	Ratio	Lower	Upper
107	100		
108	115.9	93.0	139.4
77	52.2	44.1	66.1
79	52.7	43.6	65.4



#18
Hexachloroethane
Concen: 34.06 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:	117	Resp:	236316
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.7	116.5
201	81.0	66.7	100.1

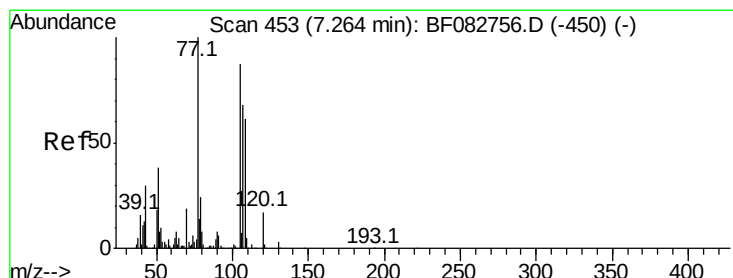
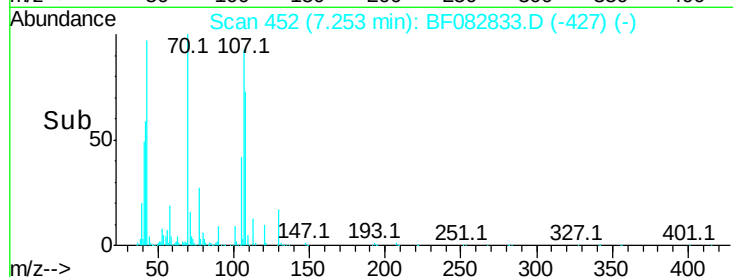
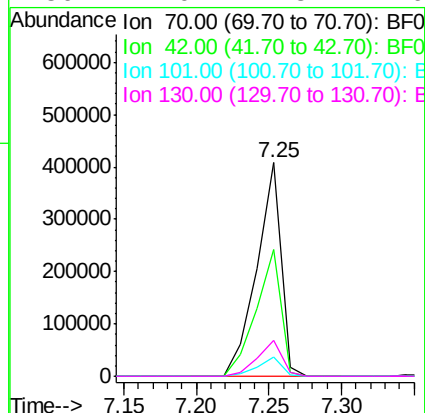
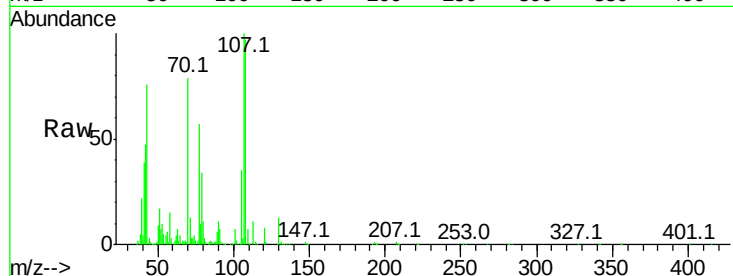




#19
n-Nitroso-di-n-propylamine
Concen: 32.59 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

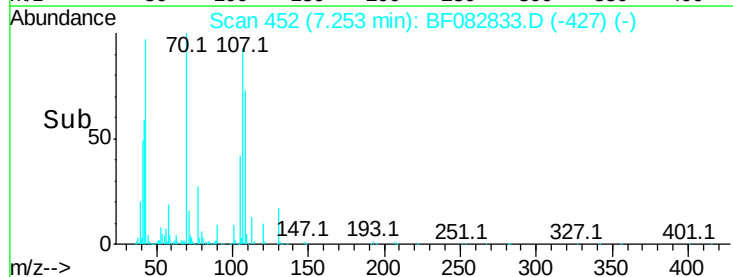
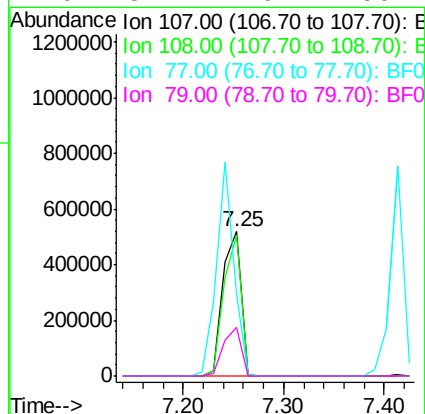
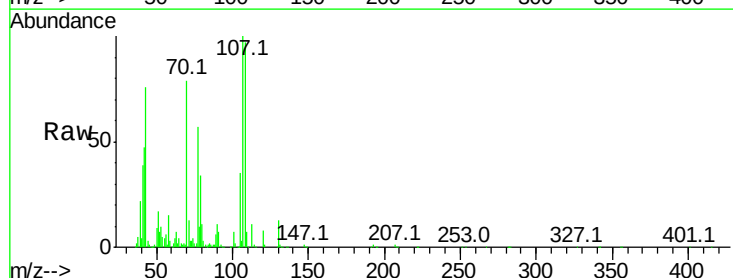
Instrument :
BNA_F
ClientSampleId :
PB86498BS

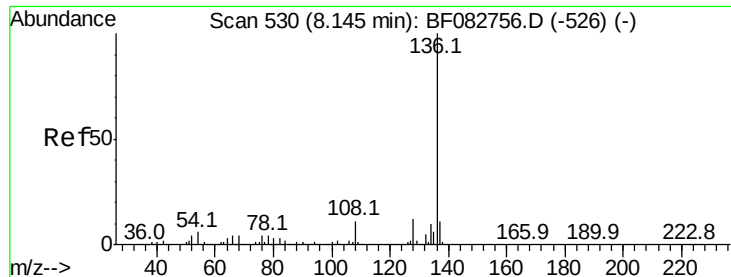
Tot Ion:	70	Resp:	474985
Ion	Ratio	Lower	Upper
70	100		
42	59.6	57.7	86.5
101	8.8	7.0	10.6
130	17.0	11.8	17.6



#20
3+4-Methylphenols
Concen: 36.14 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:	107	Resp:	658007
Ion	Ratio	Lower	Upper
107	100		
108	97.2	67.3	107.3
77	56.9	100.3	140.3#
79	34.1	16.2	56.2

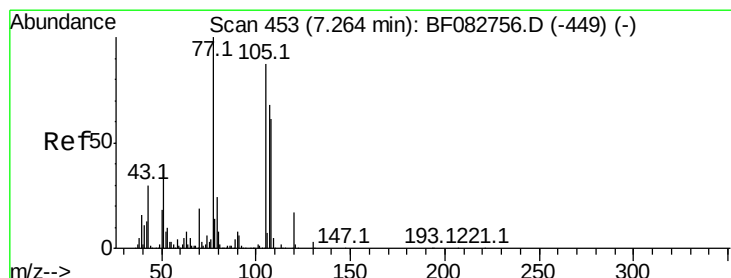
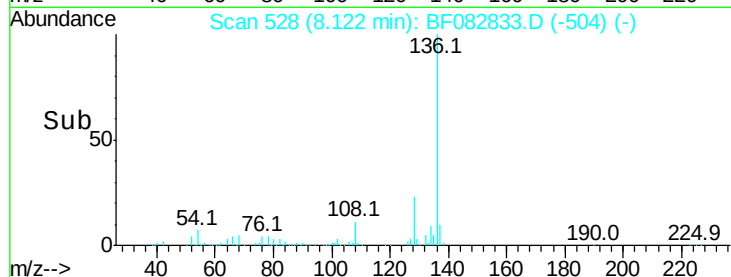
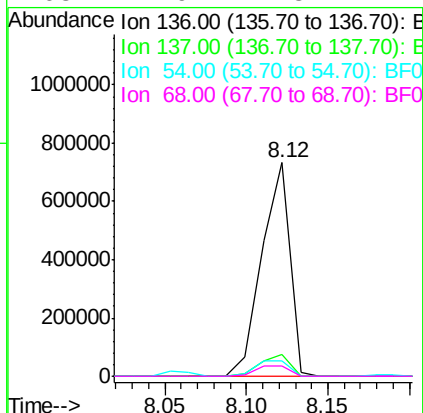
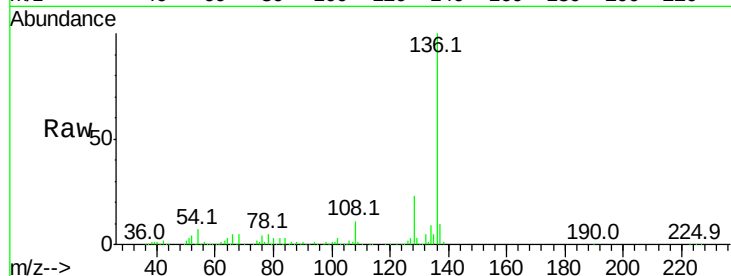




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

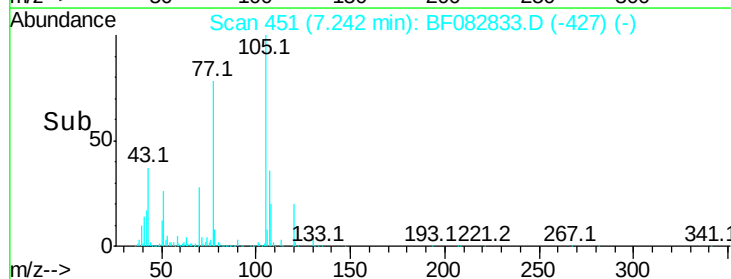
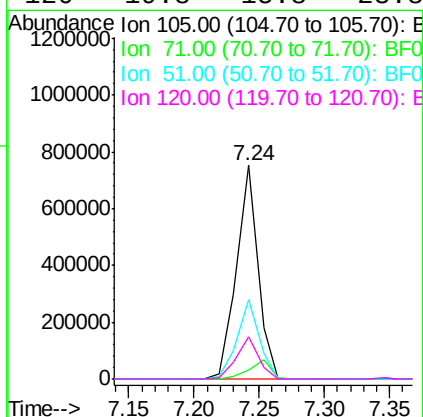
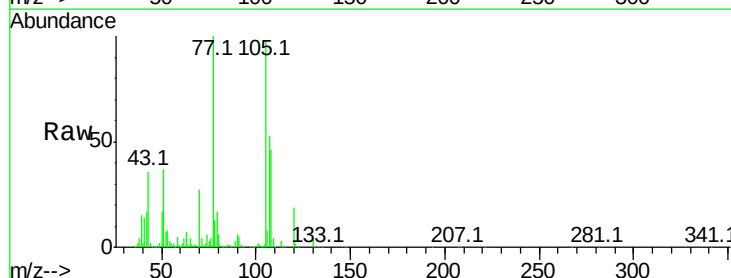
Instrument :
BNA_F
ClientSampled :
PB86498BS

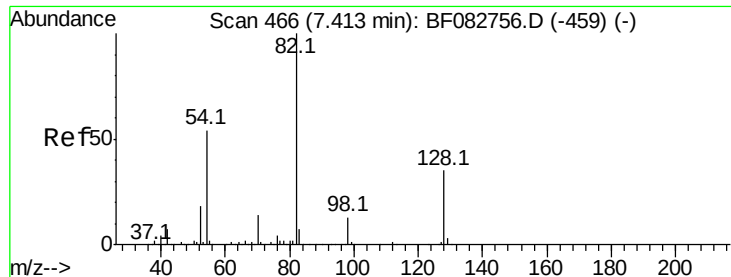
Tot Ion:136	Resp:	877529
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.1 13.7
54	7.2	9.1 13.7#
68	4.9	4.8 7.2



#22
Acetophenone
Concen: 34.03 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:105	Resp:	855637
Ion Ratio	Lower	Upper
105	100	
71	4.4	5.6 8.4#
51	37.3	24.9 37.3#
120	19.8	15.8 23.8

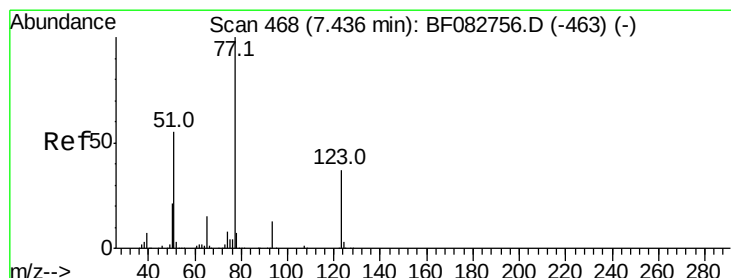
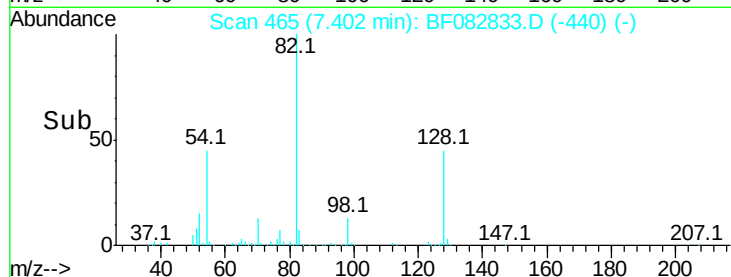
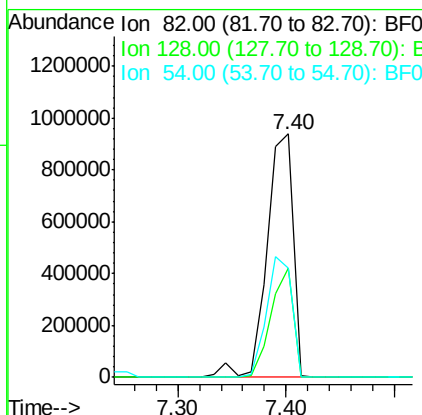
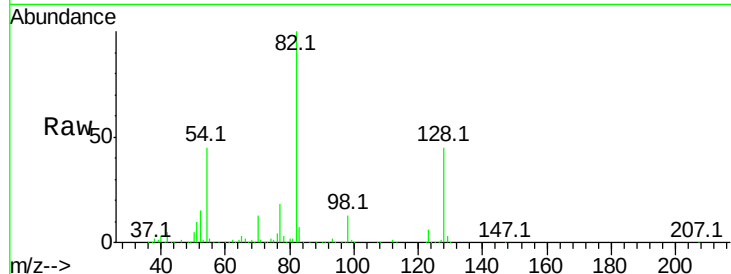




#23
 Nitrobenzene-d5
 Concen: 77.90 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

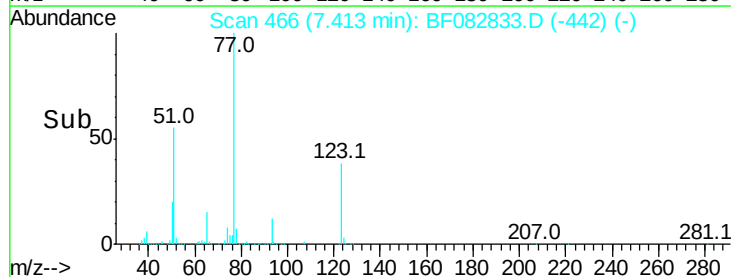
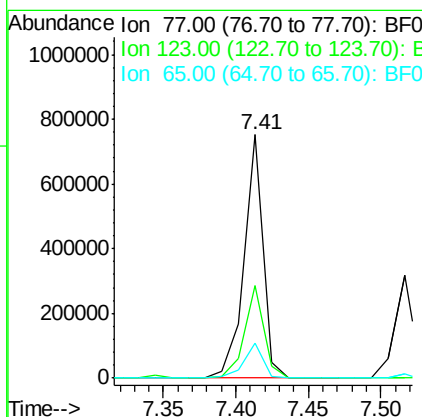
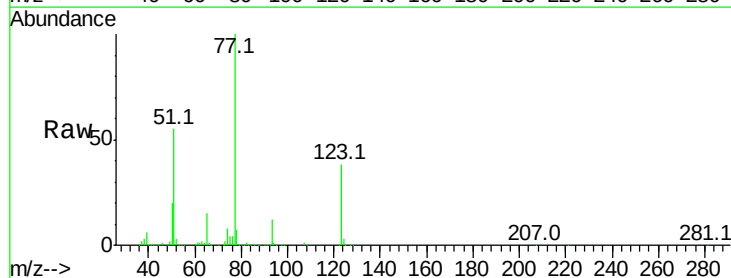
Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

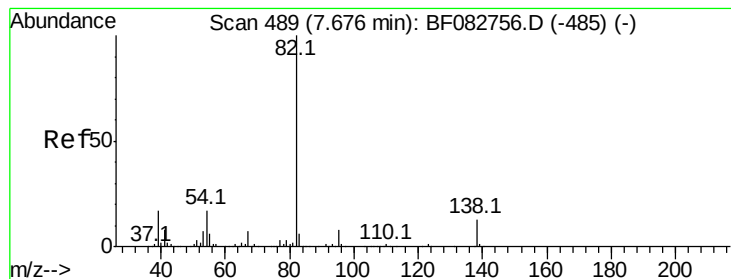
Tot Ion: 82 Resp: 1571062
 Ion Ratio Lower Upper
 82 100
 128 44.8 26.8 40.2#
 54 45.0 45.7 68.5#



#24
 Nitrobenzene
 Concen: 33.00 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion: 77 Resp: 680608
 Ion Ratio Lower Upper
 77 100
 123 38.1 36.4 54.6
 65 14.6 11.5 17.3





#25

Isophorone

Concen: 34.76 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampled :

PB86498BS

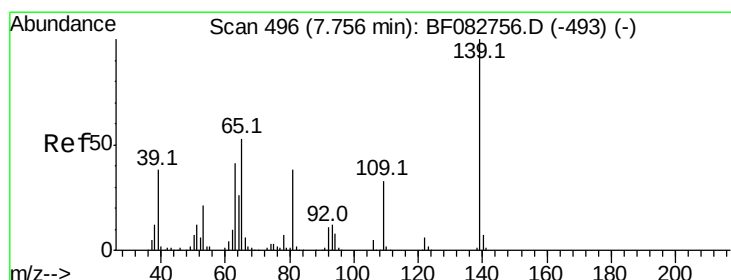
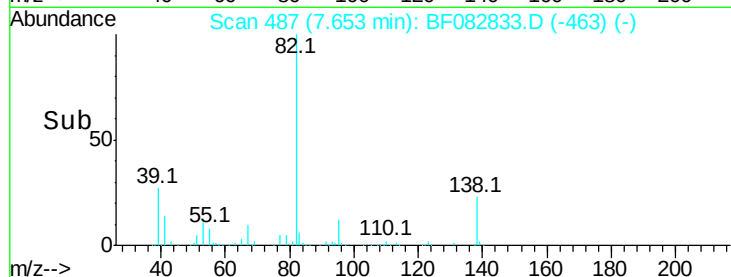
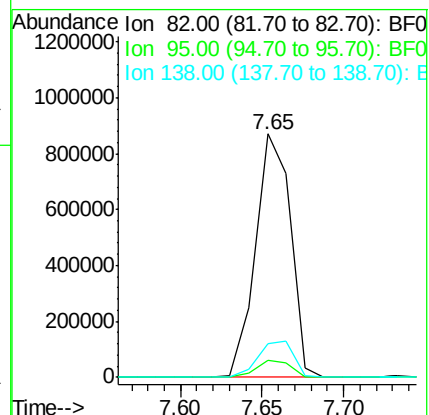
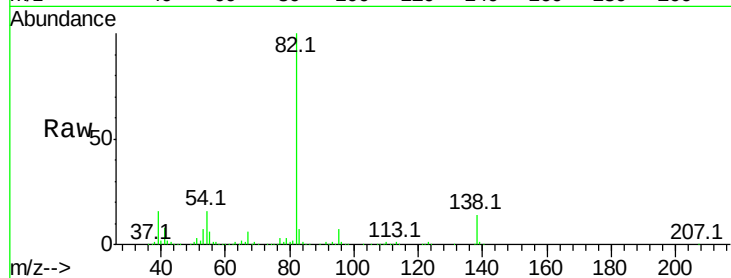
Tot Ion: 82 Resp: 1296949

Ion Ratio Lower Upper

82 100

95 6.9 6.6 9.8

138 13.8 11.4 17.0



#26

2-Nitrophenol

Concen: 38.98 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

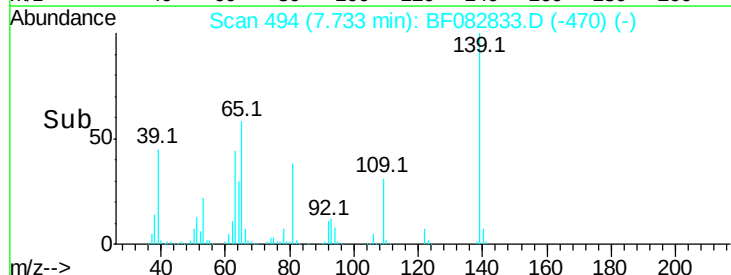
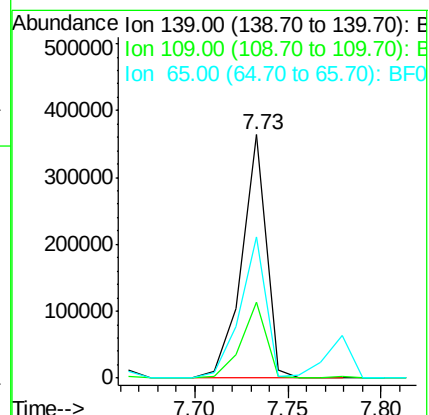
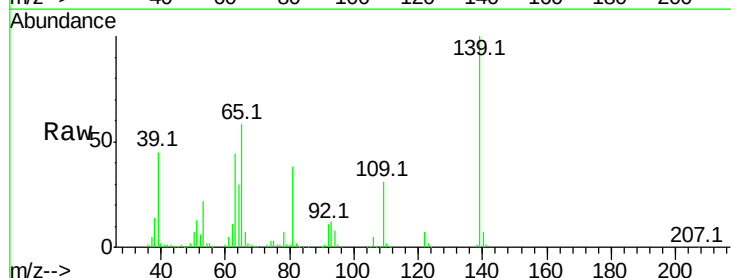
Tgt Ion: 139 Resp: 335568

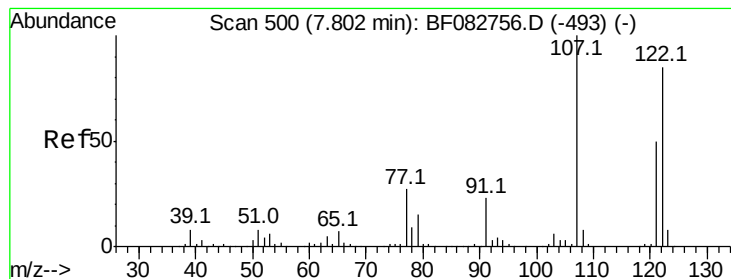
Ion Ratio Lower Upper

139 100

109 31.0 37.6 56.4#

65 57.8 70.6 105.8#

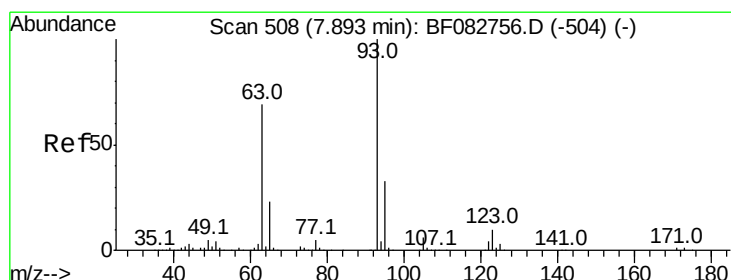
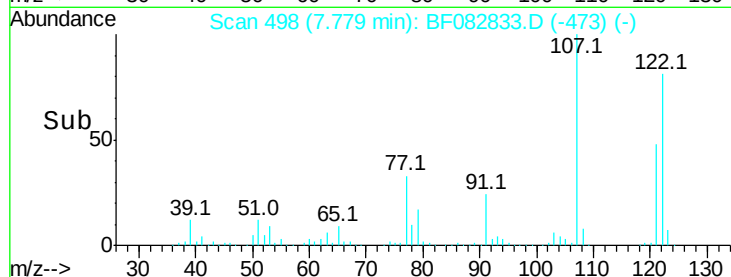
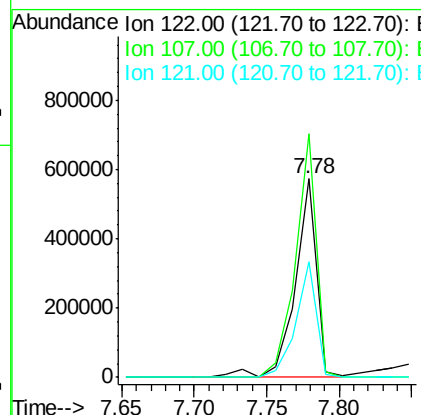
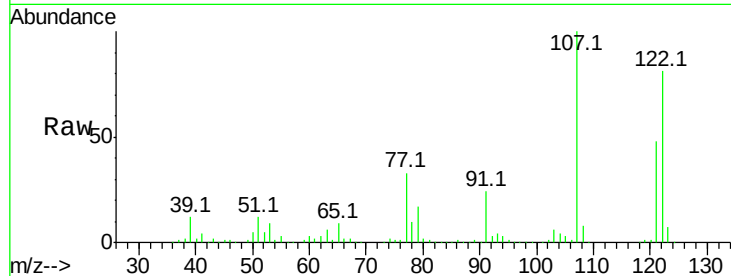




#27
 2,4-Dimethylphenol
 Concen: 37.77 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

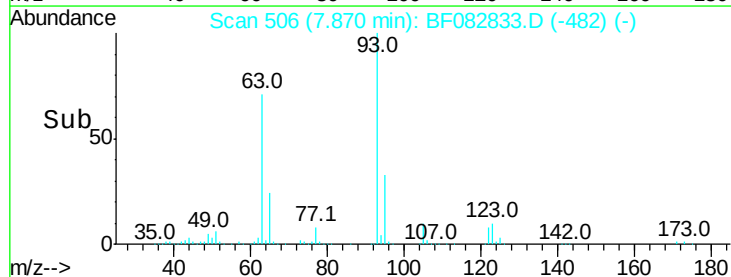
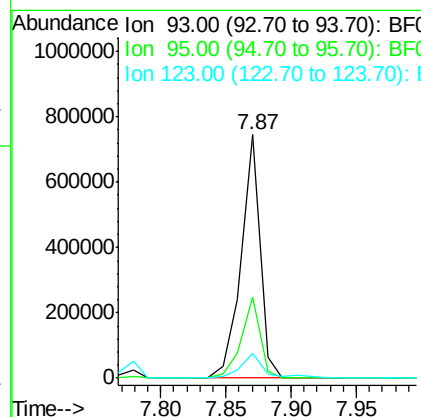
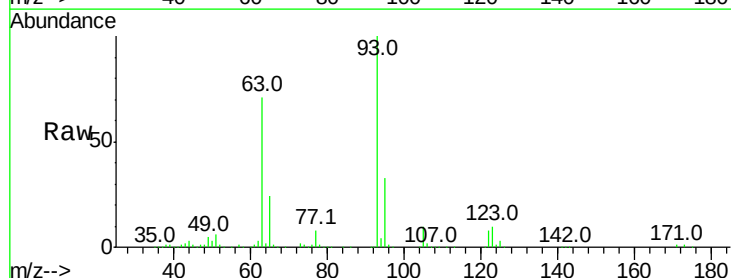
Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

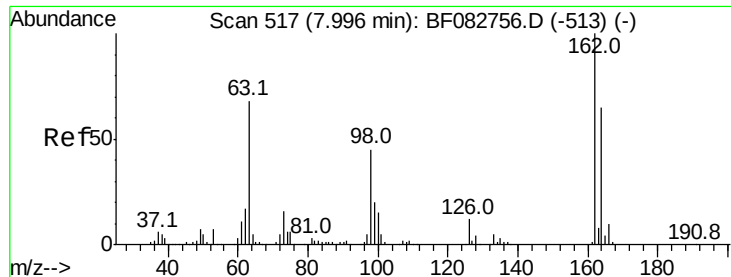
Tot Ion:122 Resp: 584174
 Ion Ratio Lower Upper
 122 100
 107 122.8 106.0 159.0
 121 58.6 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.50 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion: 93 Resp: 747181
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.6 40.0
 123 10.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 36.05 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

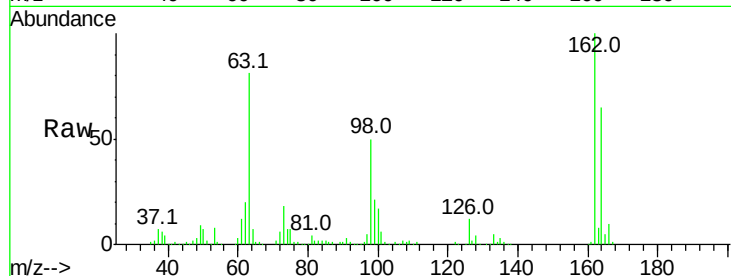
Tot Ion:162 Resp: 503910

Ion Ratio Lower Upper

162 100

164 64.8 46.8 86.8

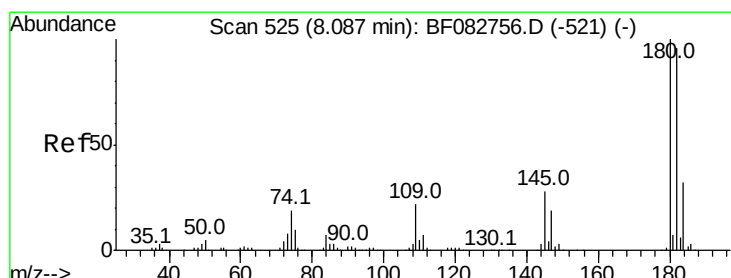
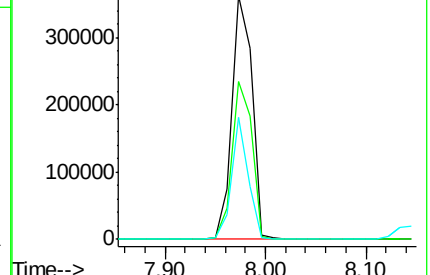
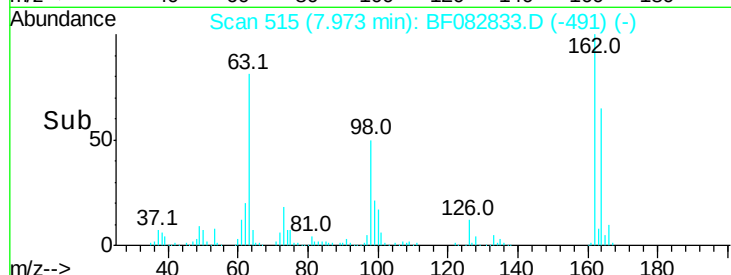
98 49.9 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 35.97 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

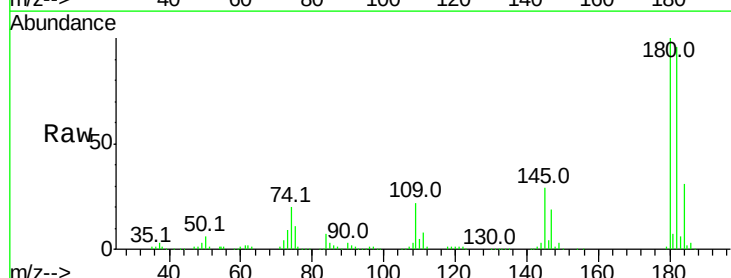
Tgt Ion:180 Resp: 565534

Ion Ratio Lower Upper

180 100

182 95.7 74.9 112.3

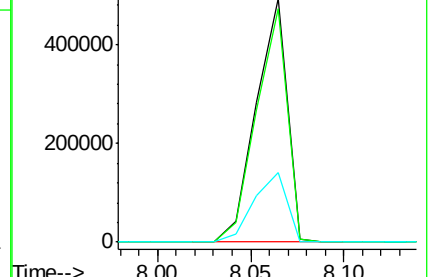
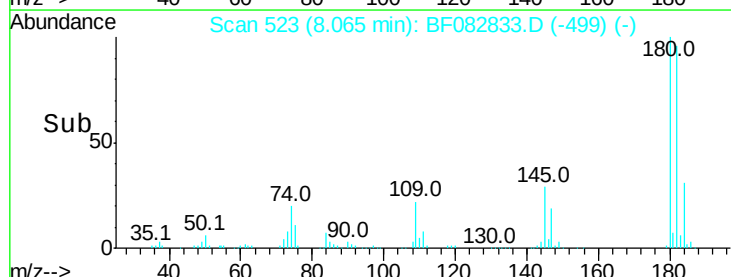
145 28.6 27.8 41.8

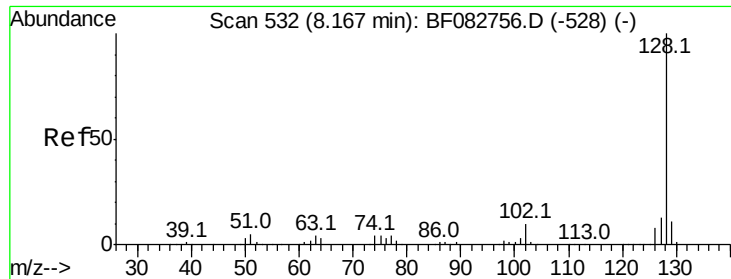


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

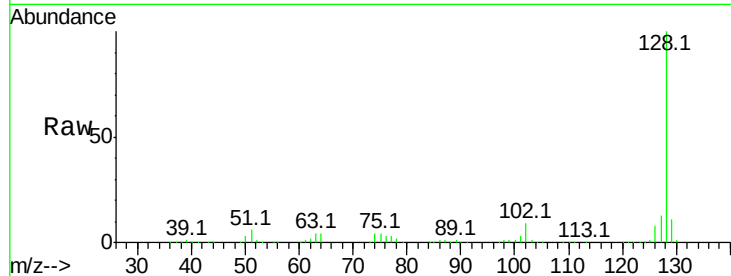




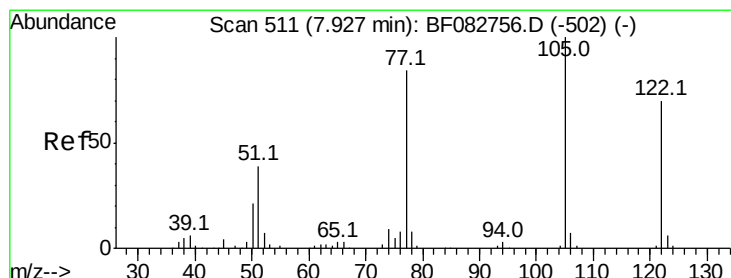
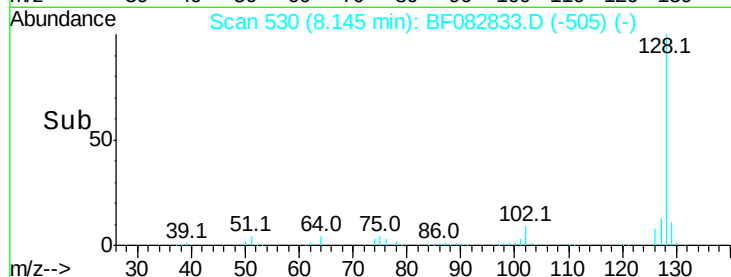
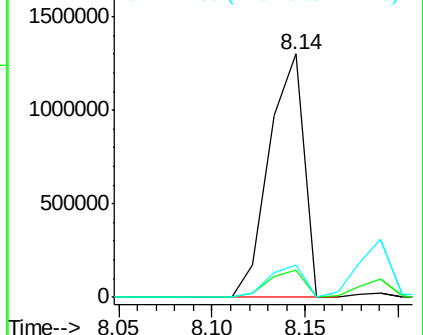
#31
Naphthalene
Concen: 34.83 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion:128 Resp: 1686178
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.5 11.4 17.0

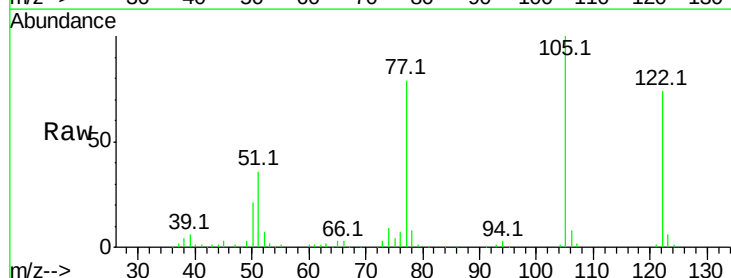


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

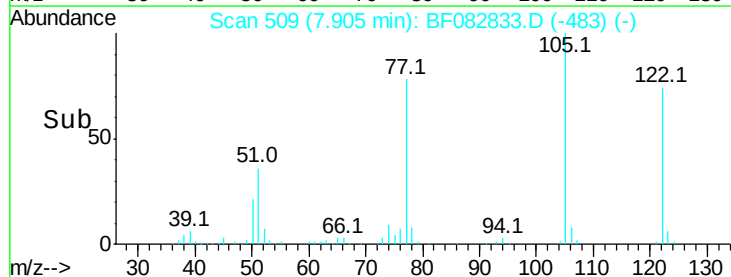
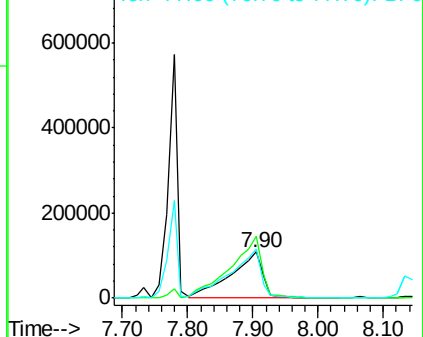


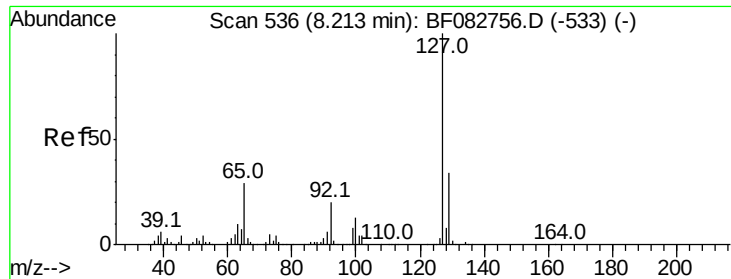
#32
Benzoic acid
Concen: 34.42 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:122 Resp: 364545
Ion Ratio Lower Upper
122 100
105 135.1 122.6 162.6
77 106.1 100.9 140.9



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

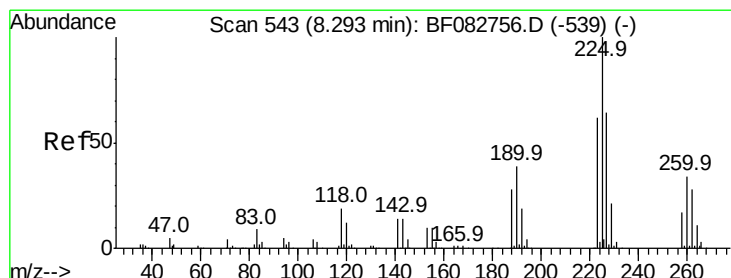
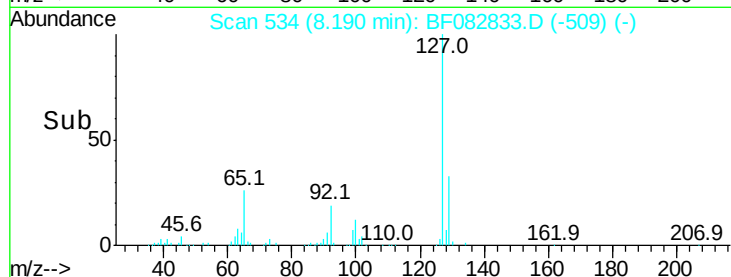
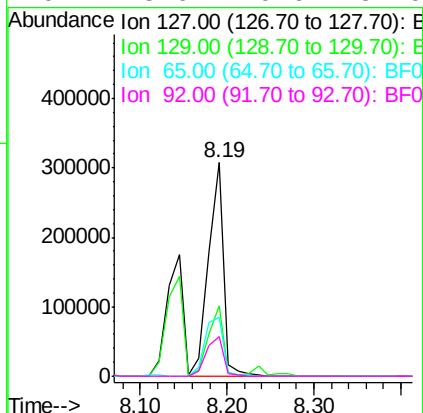
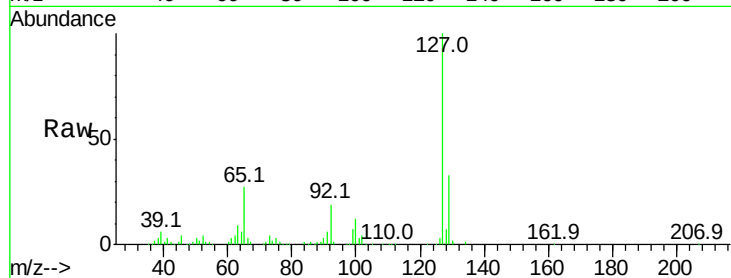




#33
4-Chloroaniline
Concen: 18.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

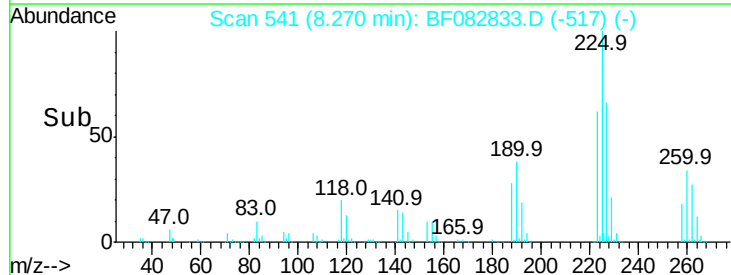
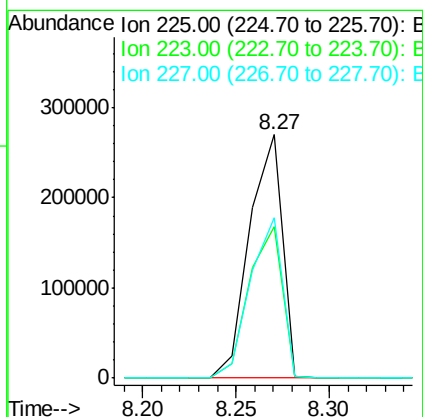
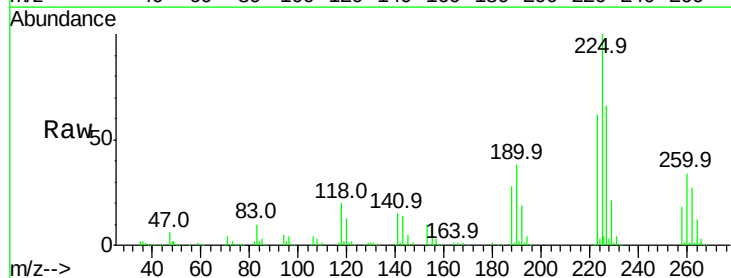
Instrument :
BNA_F
ClientSampleId :
PB86498BS

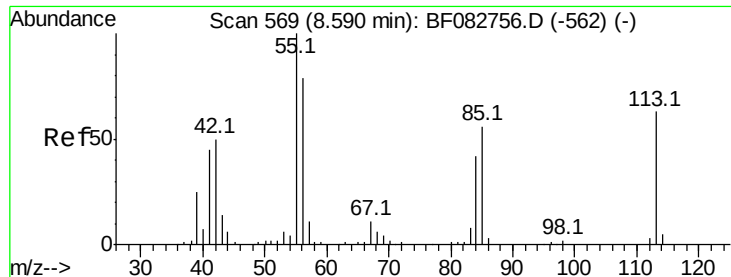
Tot Ion:	127	Resp:	375657
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	27.4	37.8	56.8#
92	18.6	20.6	31.0#



#34
Hexachlorobutadiene
Concen: 33.85 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:	225	Resp:	333069
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.5	75.7
227	65.9	50.2	75.2

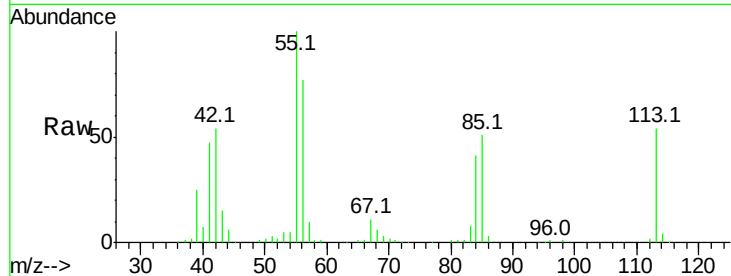




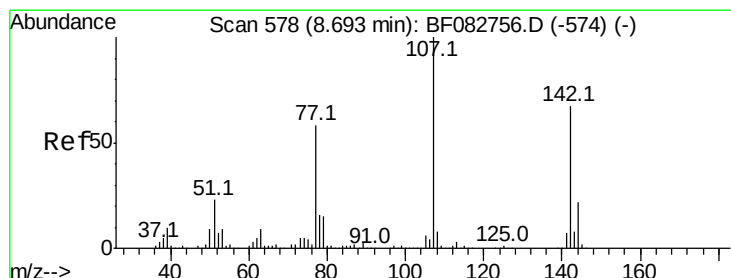
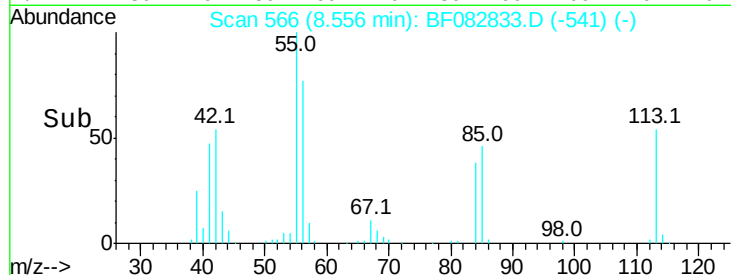
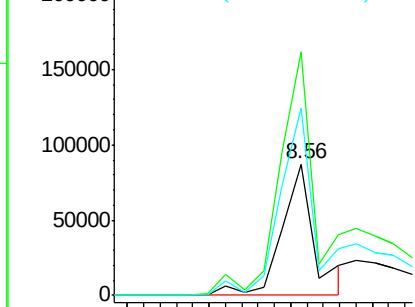
#35
 Caprolactam
 Concen: 27.44 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion:113 Resp: 120920
 Ion Ratio Lower Upper
 113 100
 55 185.5 195.5 235.5#
 56 142.8 153.5 193.5#

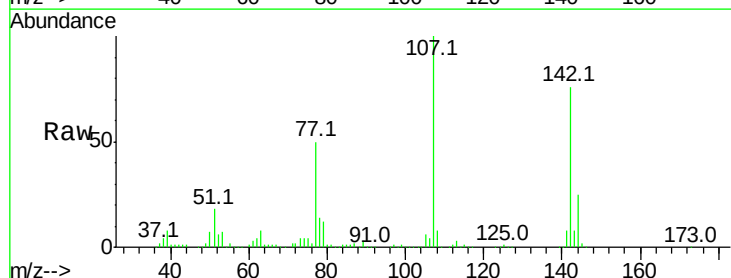


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

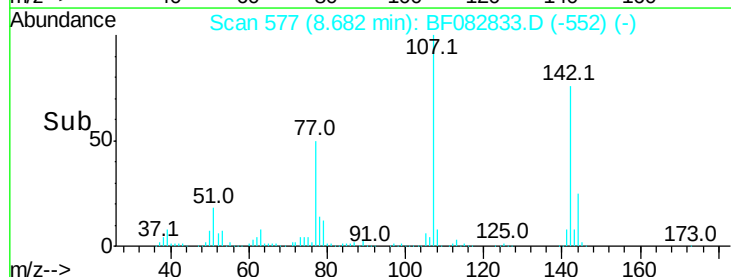
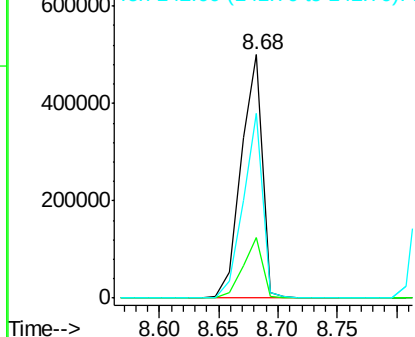


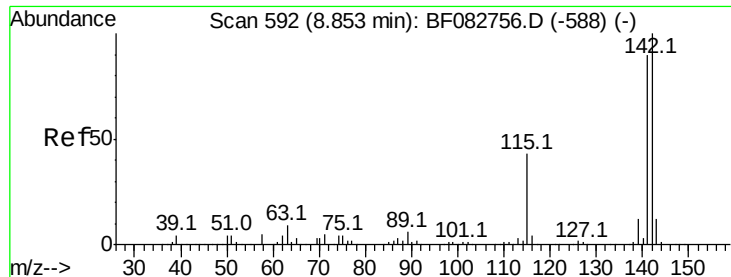
#36
 4-Chloro-3-methylphenol
 Concen: 37.90 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion:107 Resp: 623100
 Ion Ratio Lower Upper
 107 100
 144 24.8 15.4 23.0#
 142 75.7 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

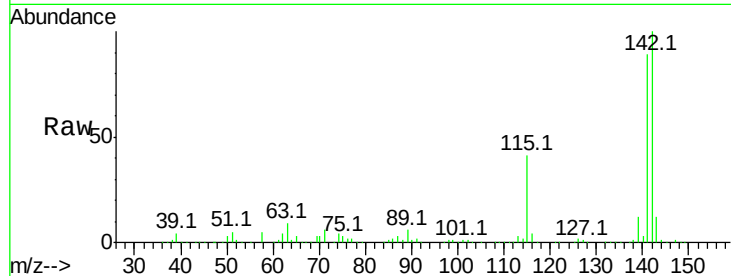




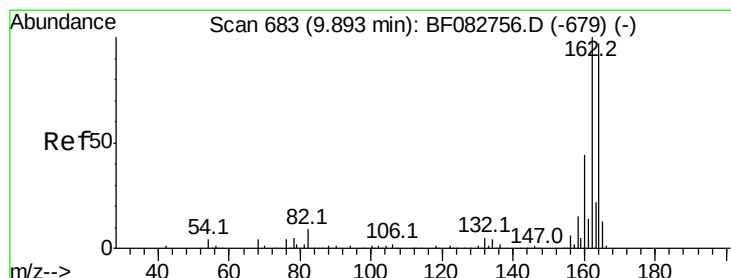
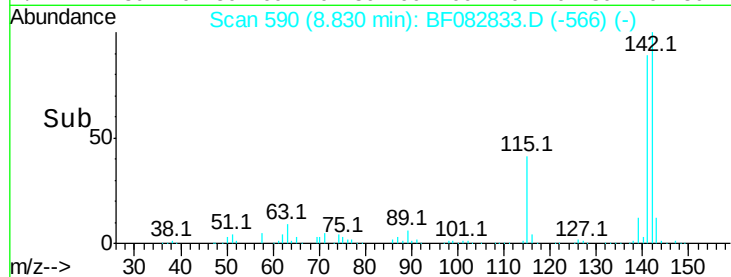
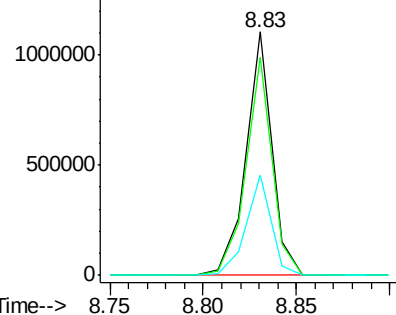
#37
2-Methylnaphthalene
Concen: 33.85 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion:142 Resp: 1060079
Ion Ratio Lower Upper
142 100
141 89.3 72.3 108.5
115 41.3 38.1 57.1

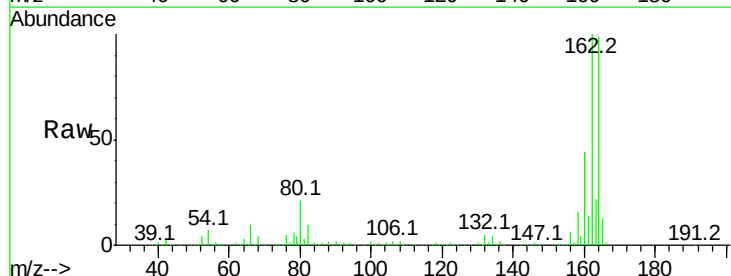


Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

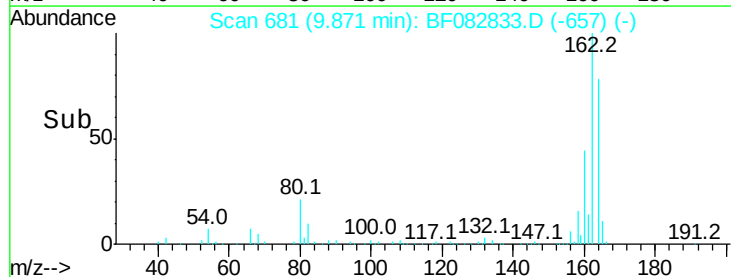
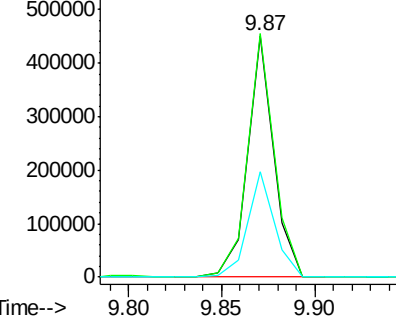


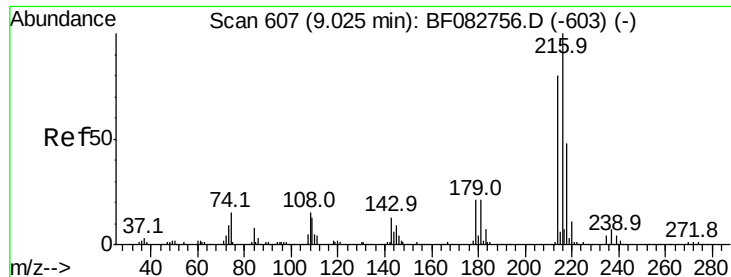
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:164 Resp: 430884
Ion Ratio Lower Upper
164 100
162 101.0 84.9 127.3
160 44.0 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
600000 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: 38.37 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

Tot Ion:216 Resp: 543261

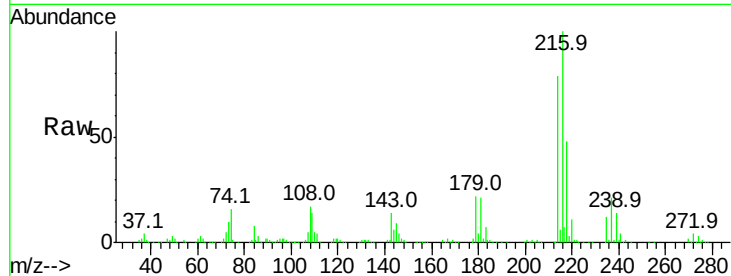
Ion Ratio Lower Upper

216 100

214 79.1 62.2 93.2

179 21.8 18.1 27.1

108 22.5 16.6 25.0

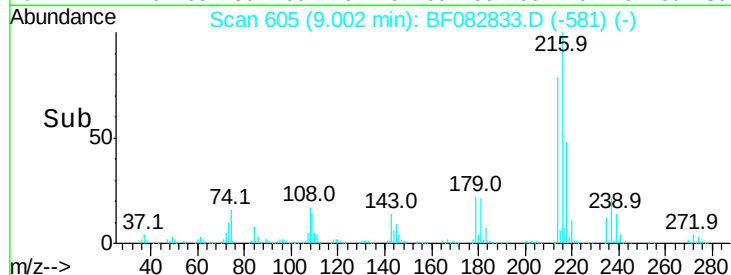


Abundance Ion 216.00 (215.70 to 216.70): E

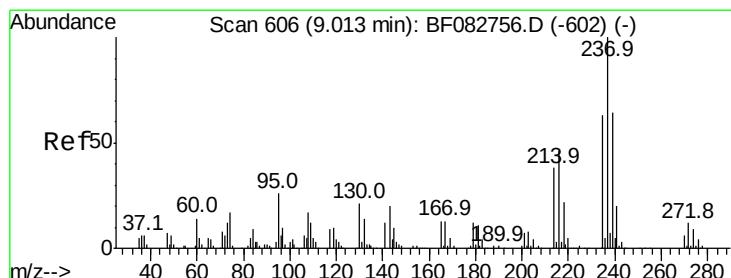
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 80.35 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

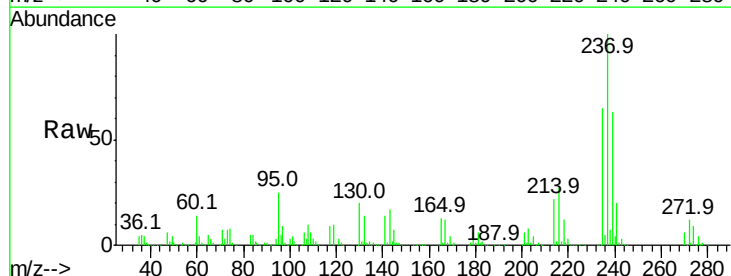
Tgt Ion:237 Resp: 611255

Ion Ratio Lower Upper

237 100

235 65.0 44.3 84.3

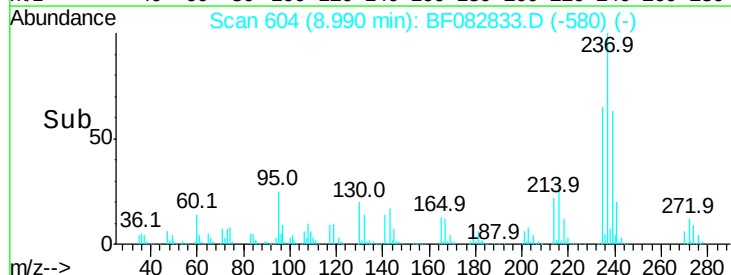
272 11.6 0.0 31.9



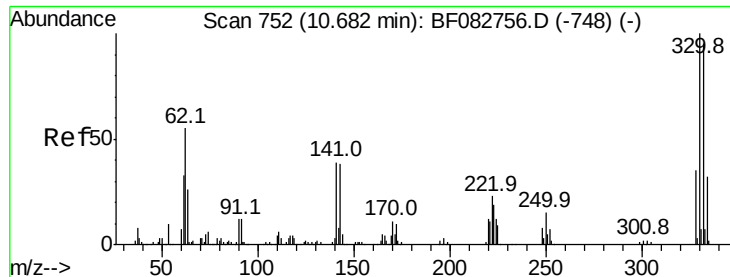
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



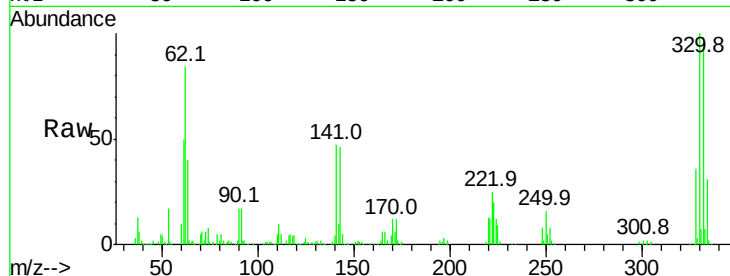
Time-->



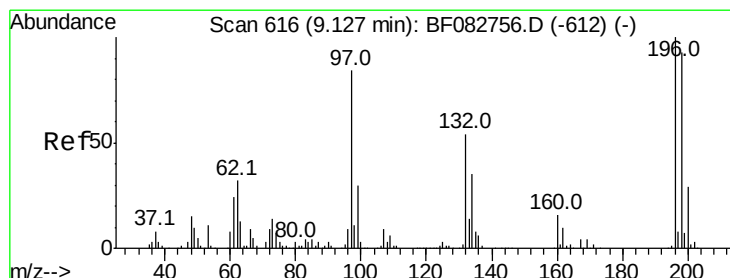
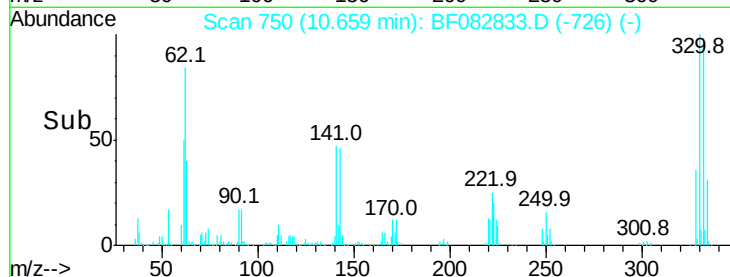
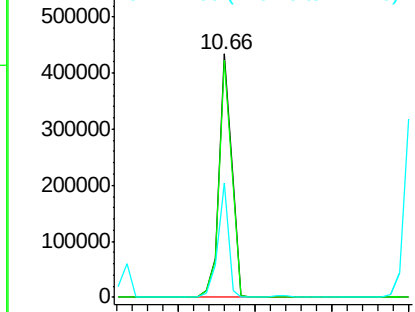
#41
 2,4,6-Tribromophenol
 Concen: 101.78 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	38.7	41.2	61.8#

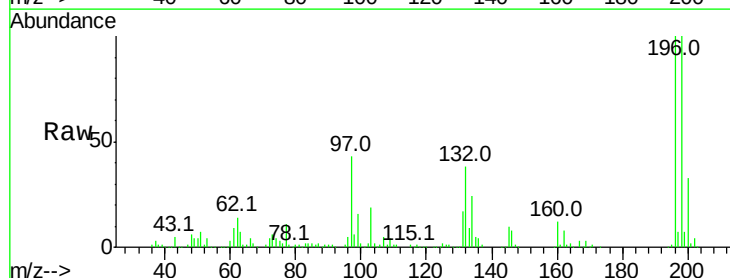


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

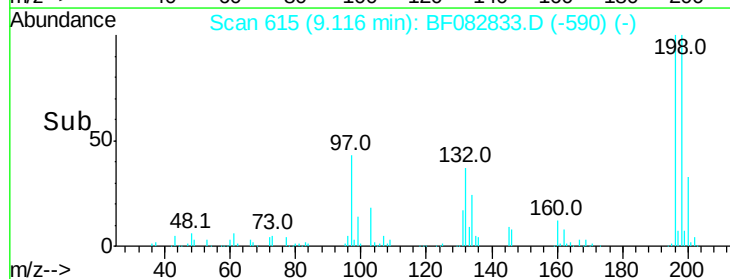
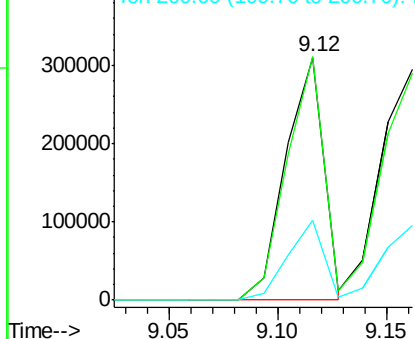


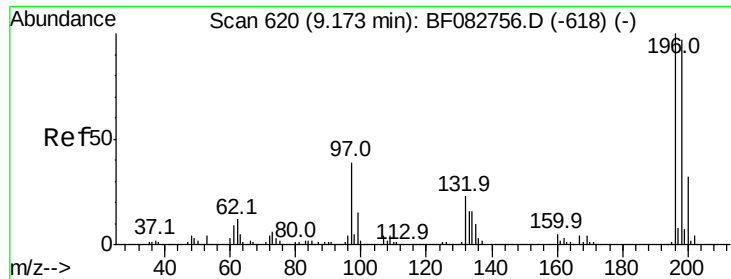
#42
 2,4,6-Trichlorophenol
 Concen: 35.96 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	76.3	114.5
200	33.1	23.9	35.9



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

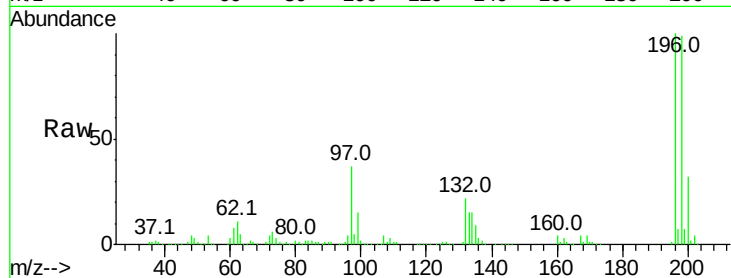




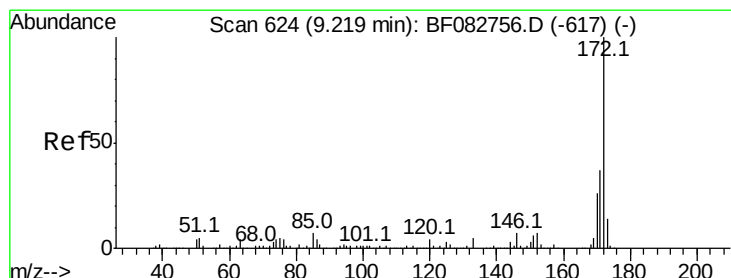
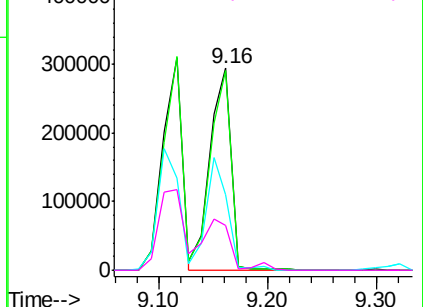
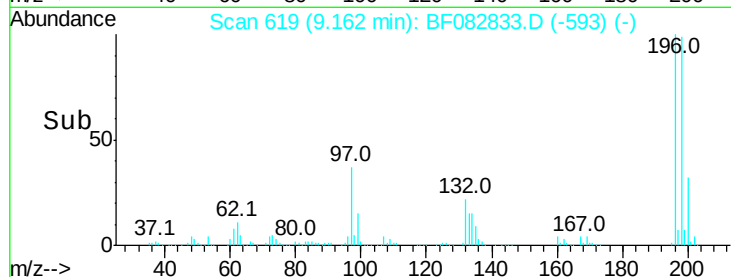
#43
 2,4,5-Trichlorophenol
 Concen: 38.36 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion:196 Resp: 401000
 Ion Ratio Lower Upper
 196 100
 198 98.6 75.8 113.8
 97 37.4 62.3 93.5#
 132 22.1 27.4 41.2#

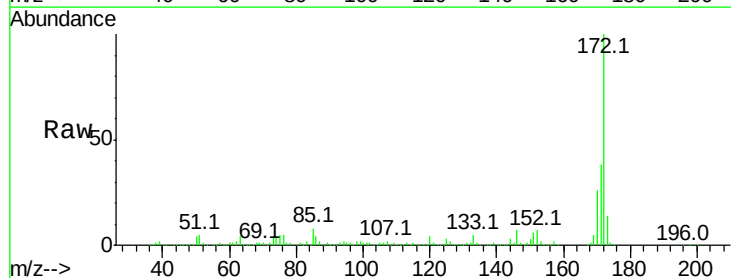


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

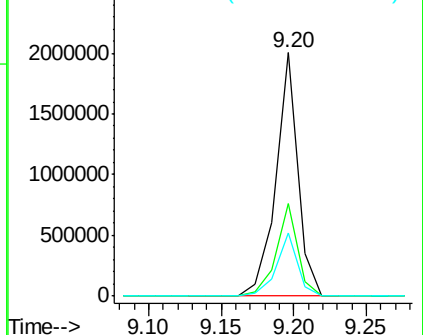
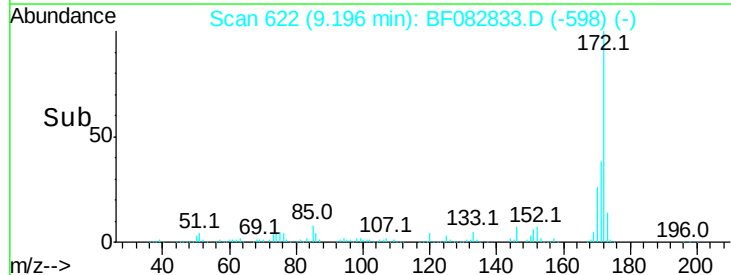


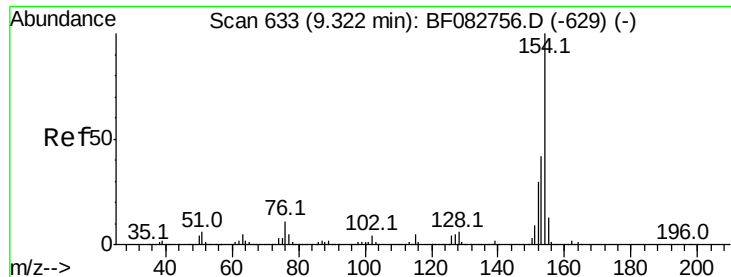
#44
 2-Fluorobiphenyl
 Concen: 69.76 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion:172 Resp: 2097245
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 26.1 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: 38.51 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

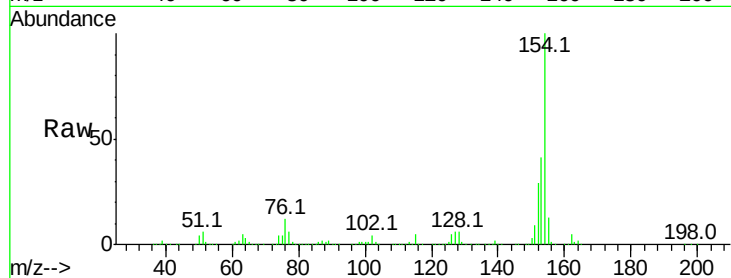
Tot Ion:154 Resp: 1423905

Ion Ratio Lower Upper

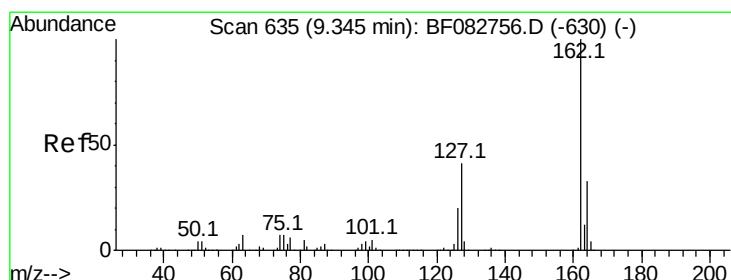
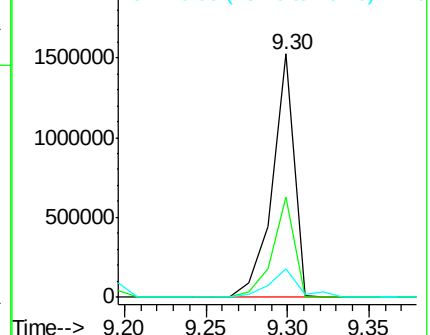
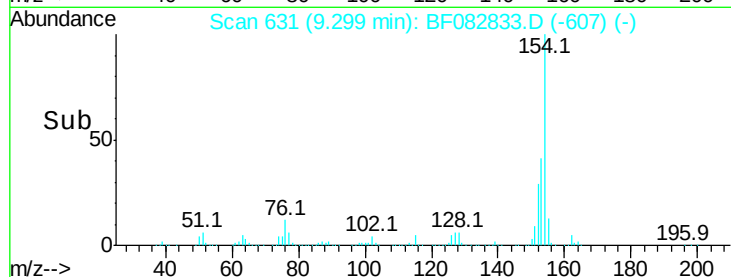
154 100

153 41.3 22.0 62.0

76 11.7 0.0 29.0



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



#46

2-Chloronaphthalene

Concen: 38.49 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

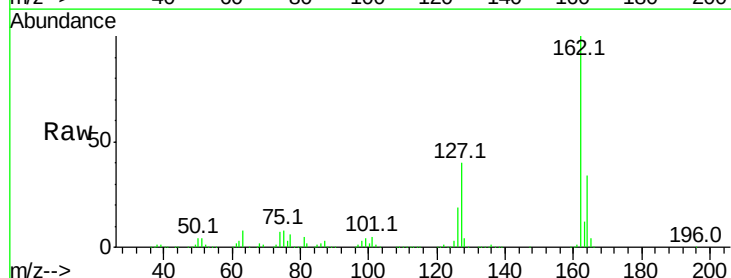
Tgt Ion:162 Resp: 1109992

Ion Ratio Lower Upper

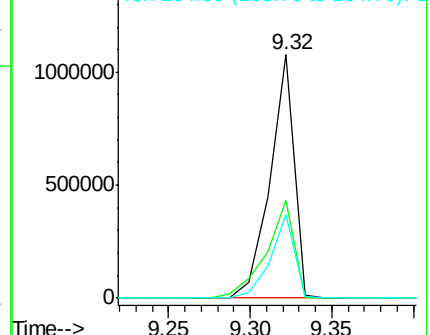
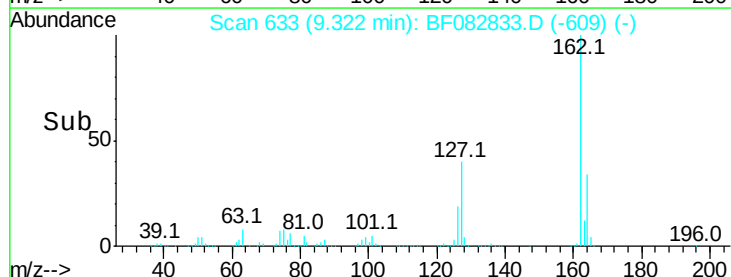
162 100

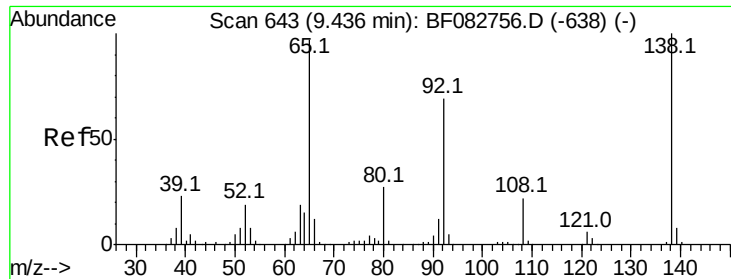
127 40.3 32.7 49.1

164 34.2 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

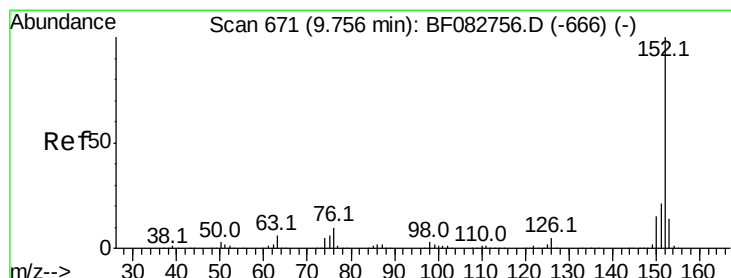
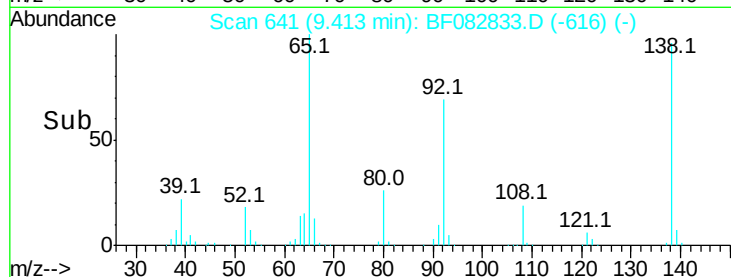
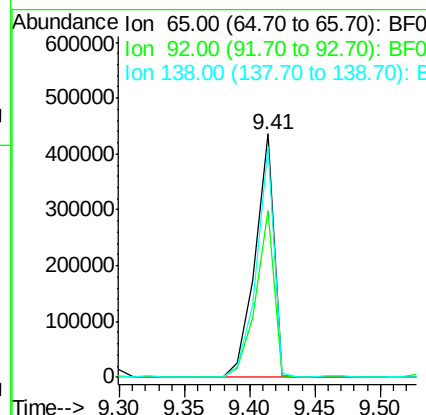
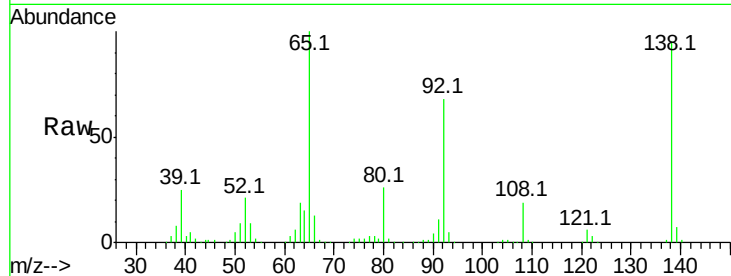




#47
 2-Nitroaniline
 Concen: 41.10 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

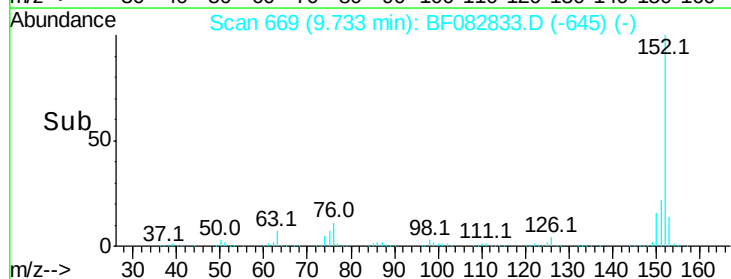
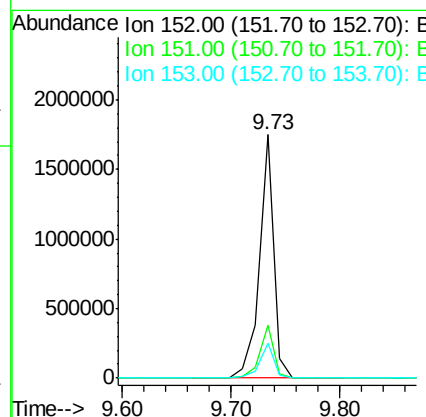
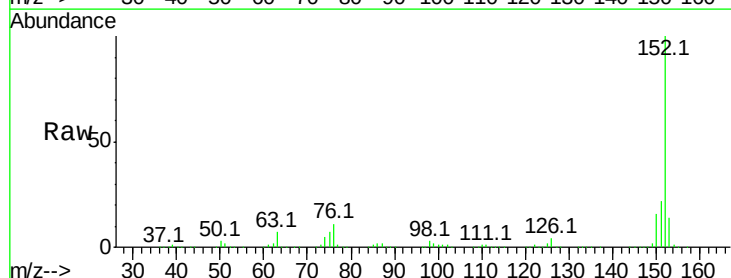
Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

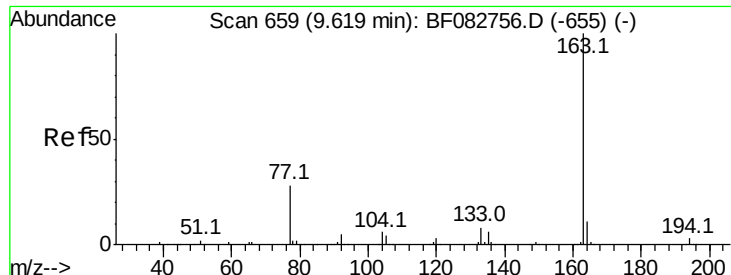
Tot Ion: 65 Resp: 439741
 Ion Ratio Lower Upper
 65 100
 92 68.5 46.6 70.0
 138 94.7 54.6 81.8#



#48
 Acenaphthylene
 Concen: 35.51 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion:152 Resp: 1604930
 Ion Ratio Lower Upper
 152 100
 151 21.7 17.3 25.9
 153 14.2 11.3 16.9





#49

Dimethylphthalate

Concen: 33.92 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

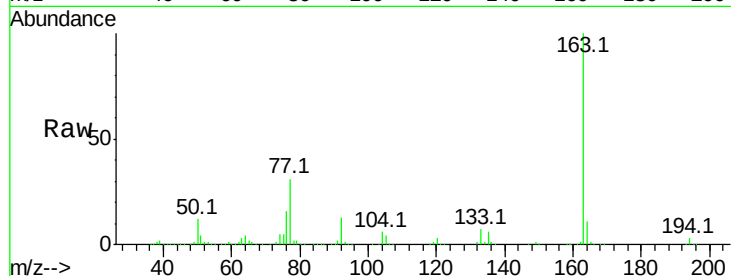
Tot Ion:163 Resp: 1197306

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

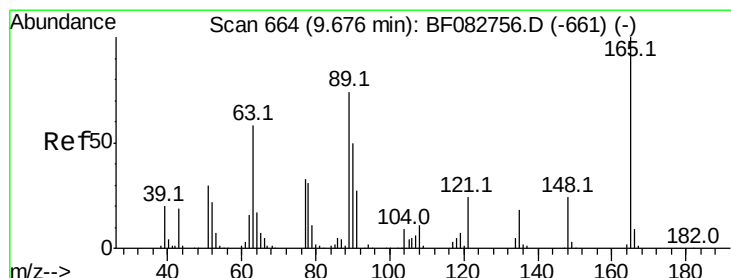
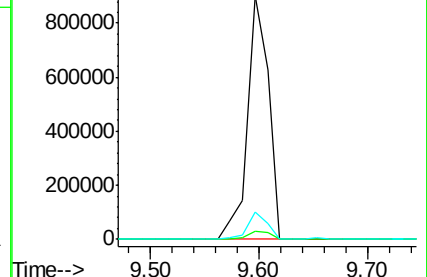
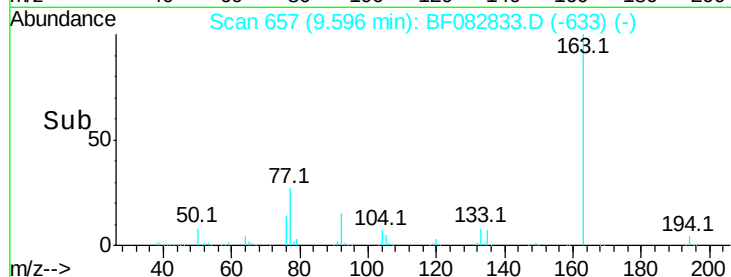
164 11.0 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.32 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

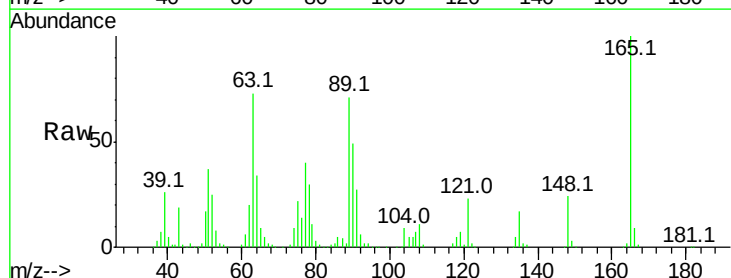
Tgt Ion:165 Resp: 258506

Ion Ratio Lower Upper

165 100

63 73.0 55.5 83.3

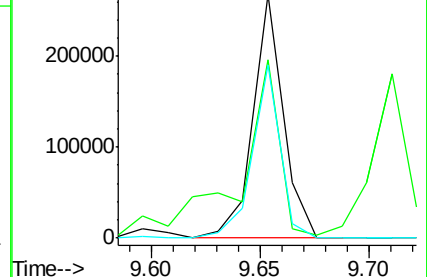
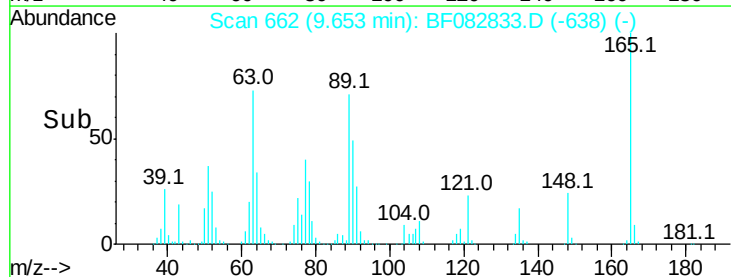
89 70.9 55.0 82.6

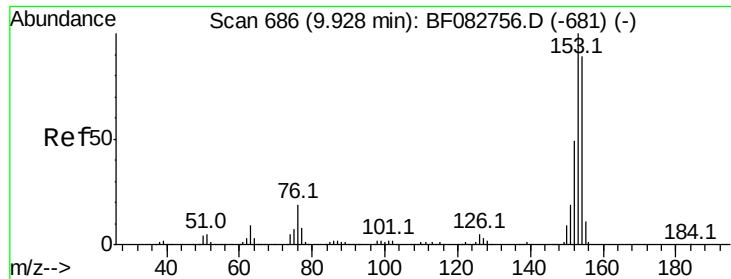


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.99 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

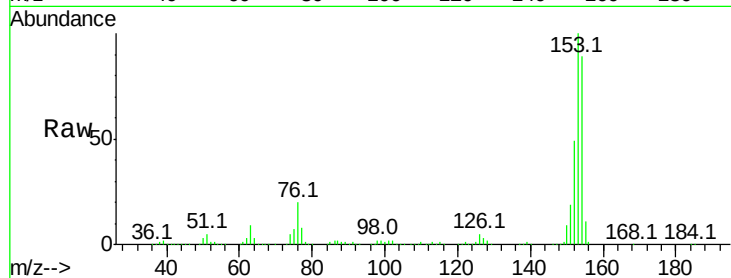
Tot Ion:154 Resp: 1145478

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

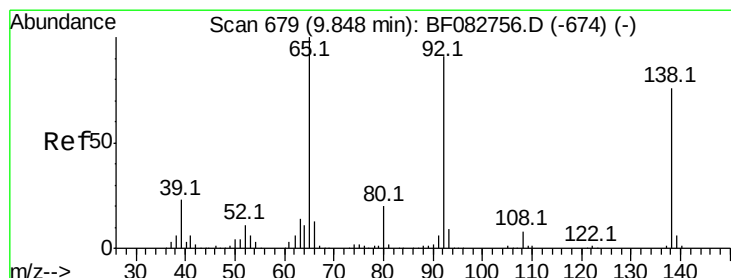
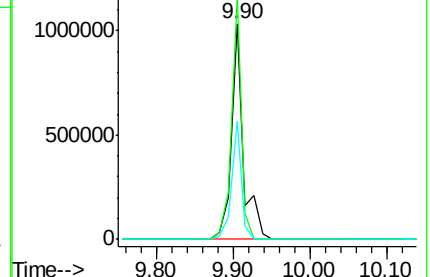
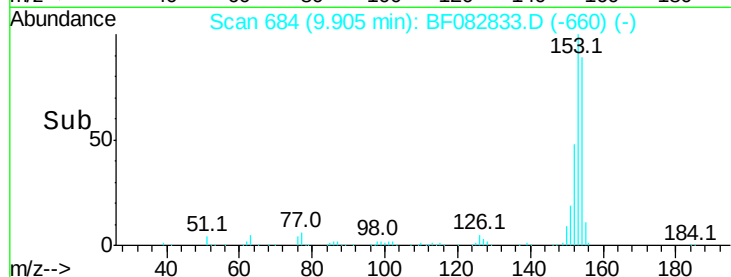
152 55.0 44.3 66.5



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: 23.58 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

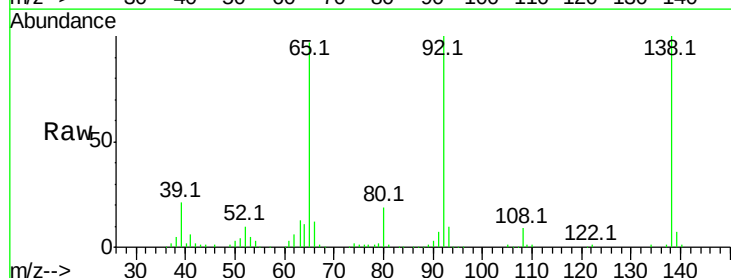
Tgt Ion:138 Resp: 195329

Ion Ratio Lower Upper

138 100

108 9.0 11.3 16.9#

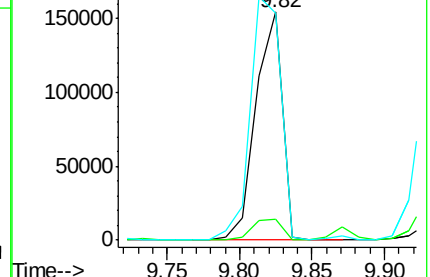
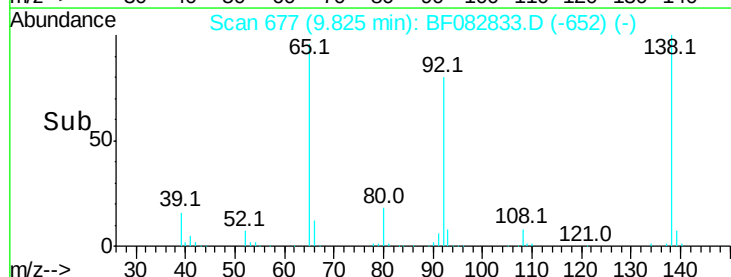
92 99.8 122.4 183.6#

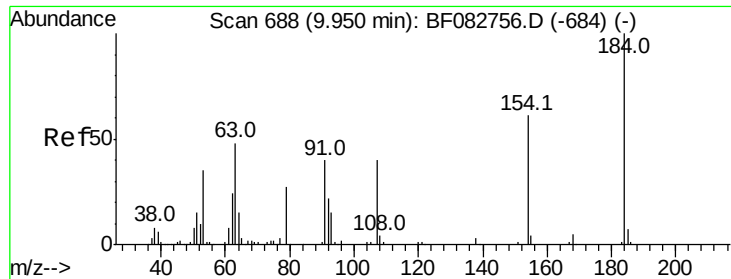


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

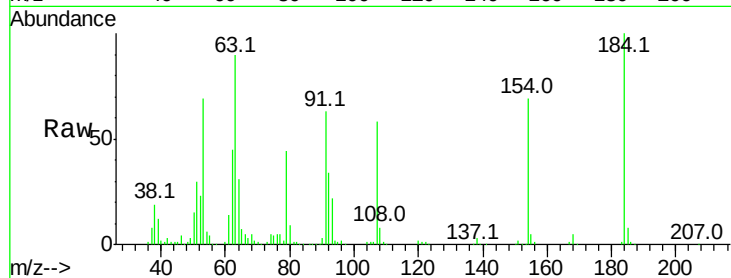




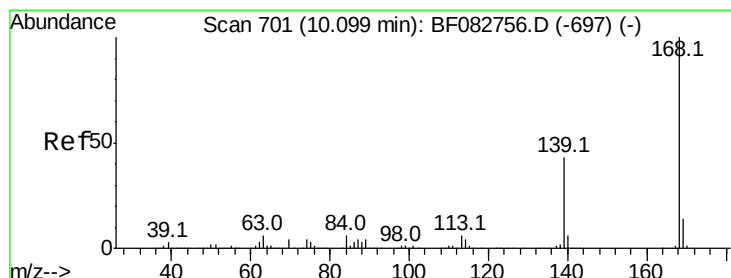
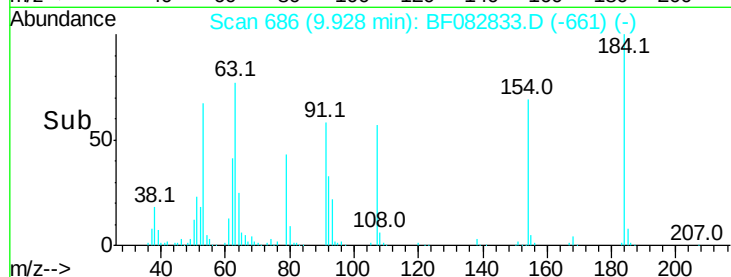
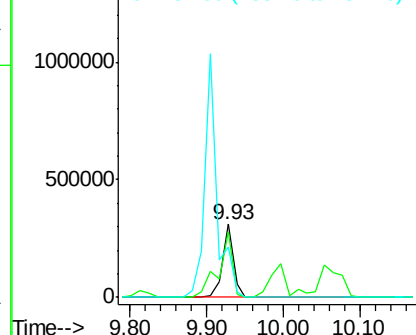
#53
 2,4-Dinitrophenol
 Concen: 75.17 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion:184 Resp: 310870
 Ion Ratio Lower Upper
 184 100
 63 89.7 98.6 148.0#
 154 68.6 183.9 275.9#

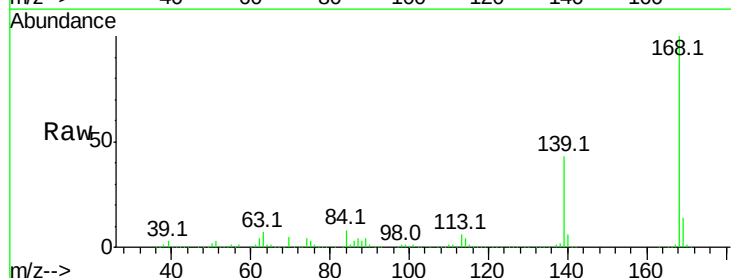


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

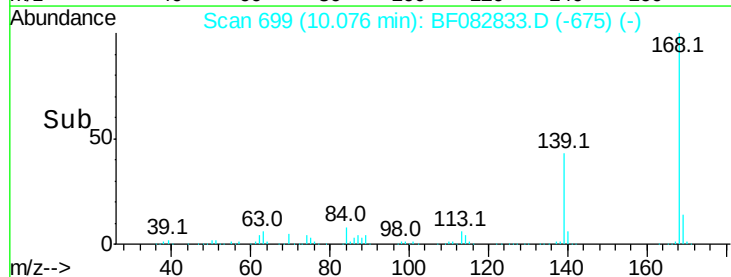
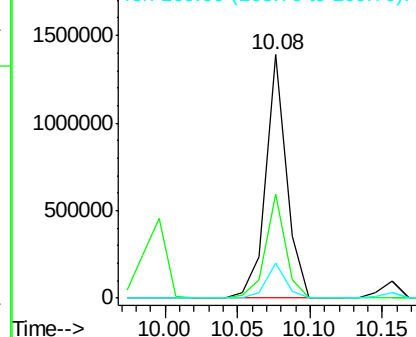


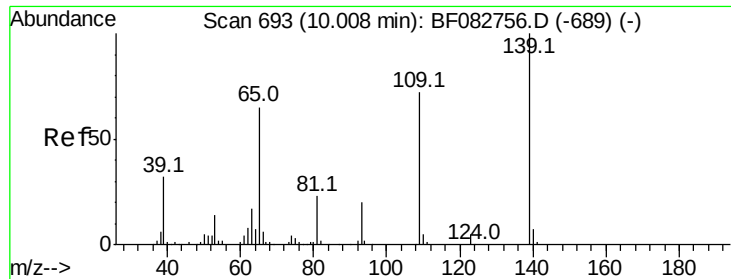
#54
 Dibenzofuran
 Concen: 35.73 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion:168 Resp: 1379846
 Ion Ratio Lower Upper
 168 100
 139 42.7 37.8 56.6
 169 14.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

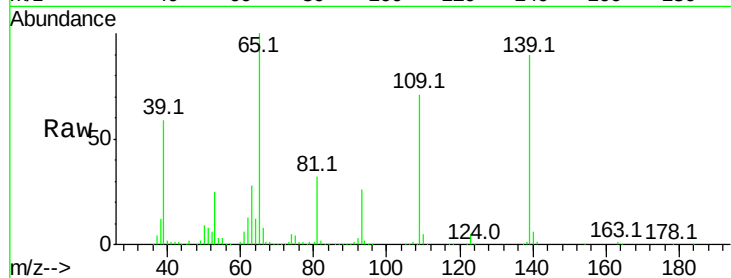




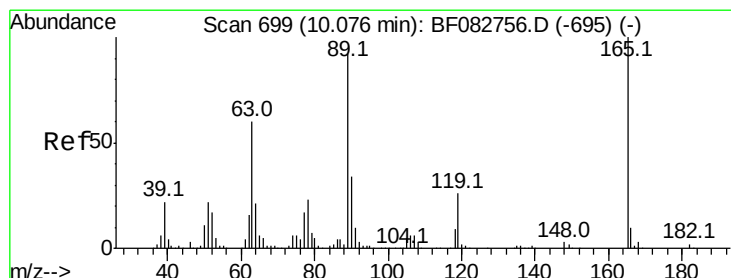
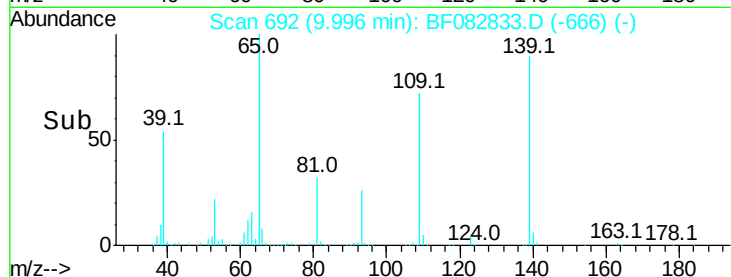
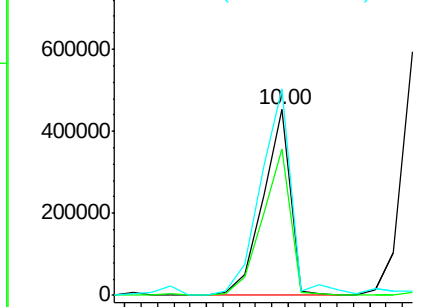
#55
4-Nitrophenol
Concen: 82.73 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion:139 Resp: 525770
Ion Ratio Lower Upper
139 100
109 79.2 73.7 113.7
65 111.3 82.9 122.9

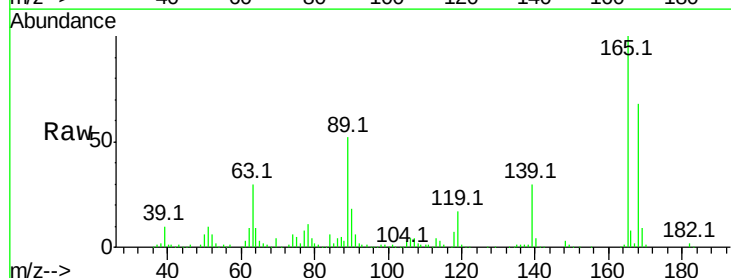


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

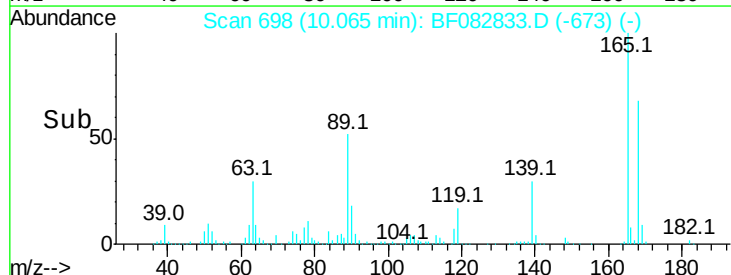
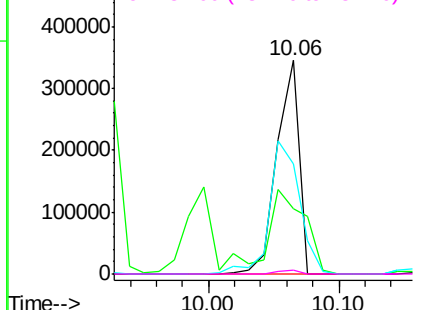


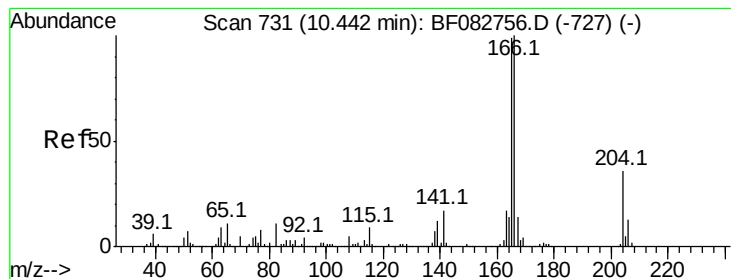
#56
2,4-Dinitrotoluene
Concen: 40.50 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:165 Resp: 413872
Ion Ratio Lower Upper
165 100
63 30.3 43.4 65.0#
89 51.7 70.6 106.0#
182 2.1 1.5 2.3



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





#57

Fluorene

Concen: 36.23 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

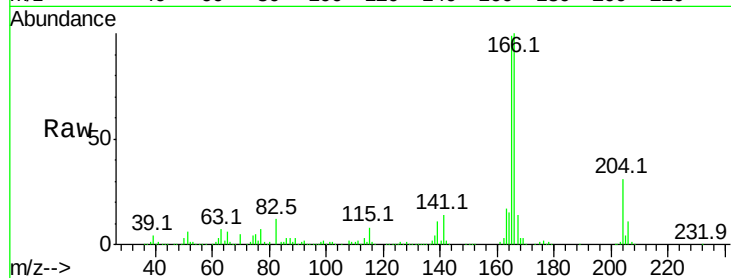
Tot Ion:166 Resp: 1133186

Ion Ratio Lower Upper

166 100

165 99.3 80.2 120.4

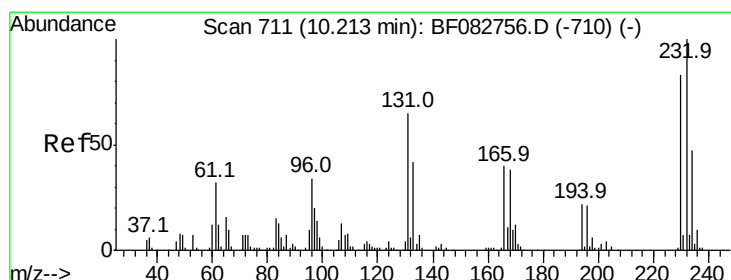
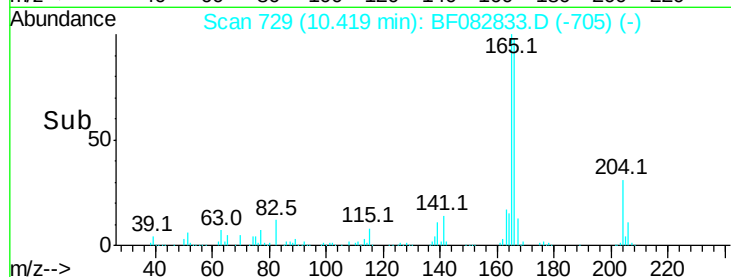
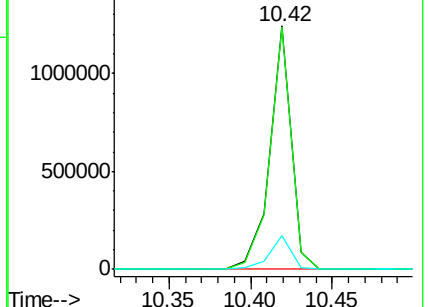
167 14.0 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.16 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:232 Resp: 325571

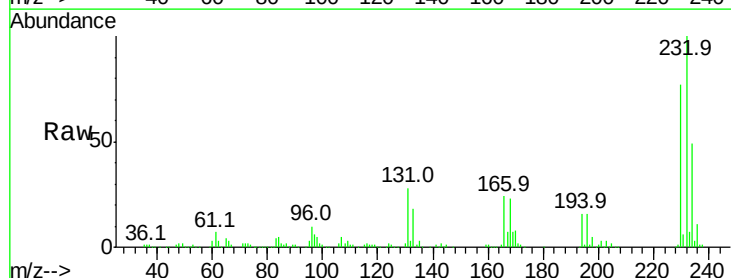
Ion Ratio Lower Upper

232 100

131 46.5 46.2 69.2

130 2.4 2.4 3.6#

166 31.3 28.2 42.2

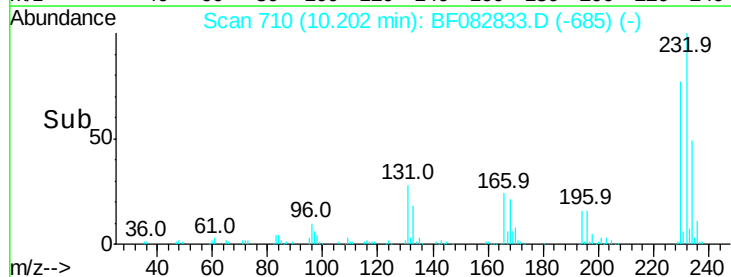
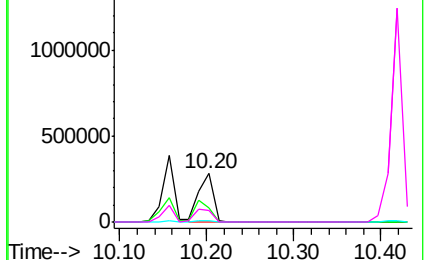


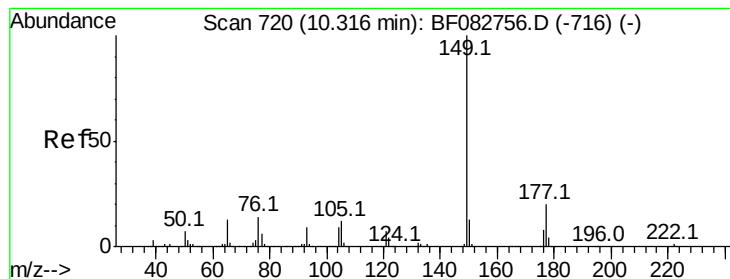
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.70 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

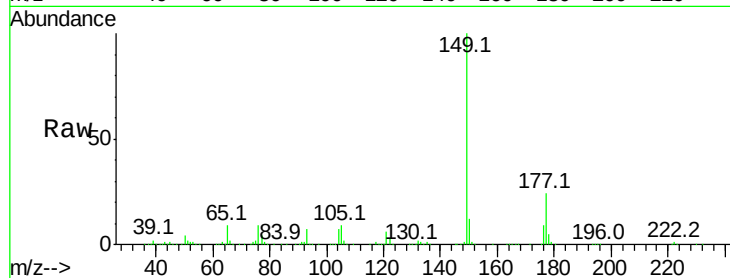
Tot Ion:149 Resp: 1333786

Ion Ratio Lower Upper

149 100

177 23.8 17.9 26.9

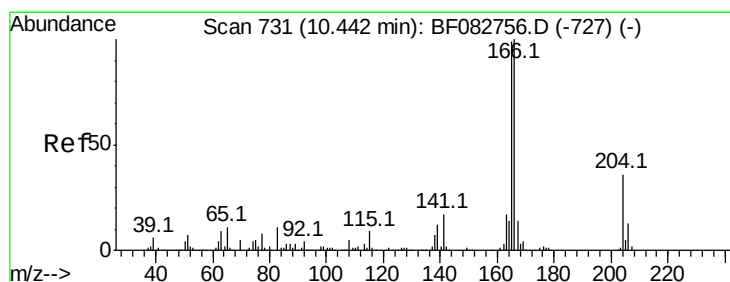
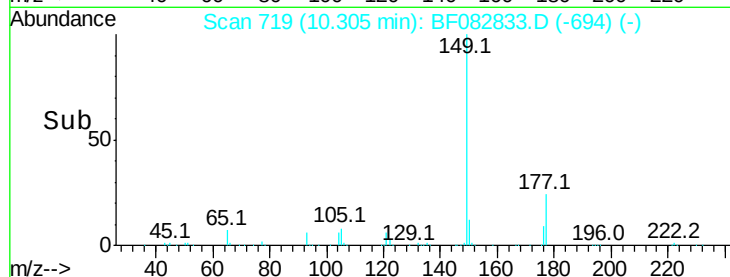
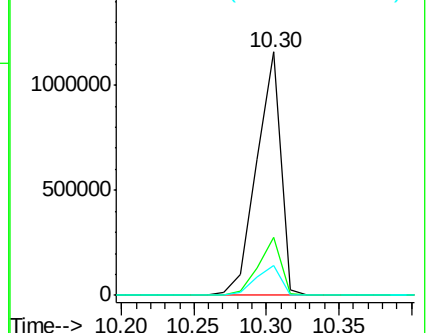
150 12.4 10.1 15.1



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: 34.81 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

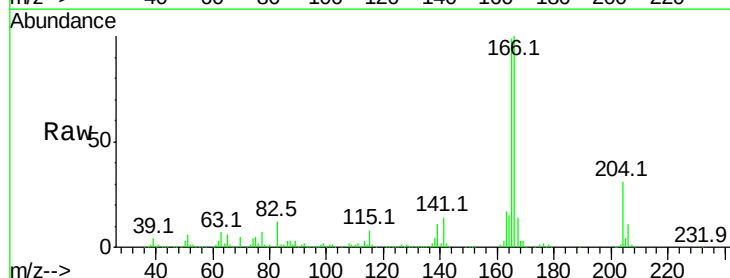
Tgt Ion:204 Resp: 544829

Ion Ratio Lower Upper

204 100

206 35.1 28.5 42.7

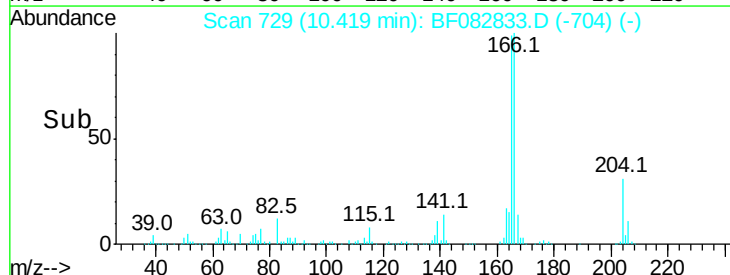
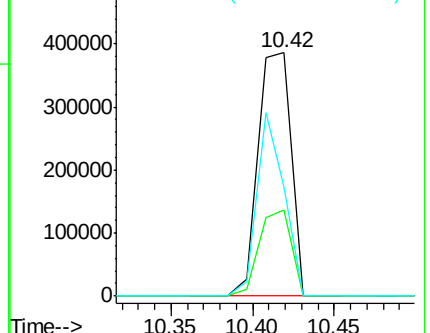
141 44.7 44.6 66.8

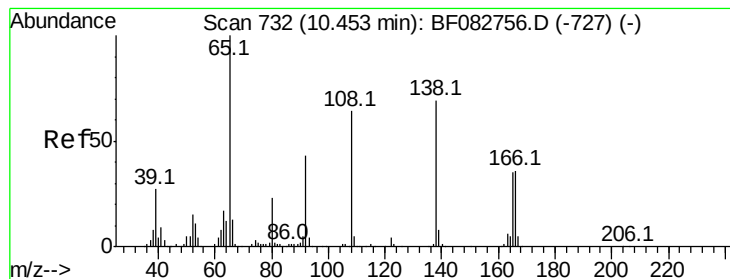


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.67 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

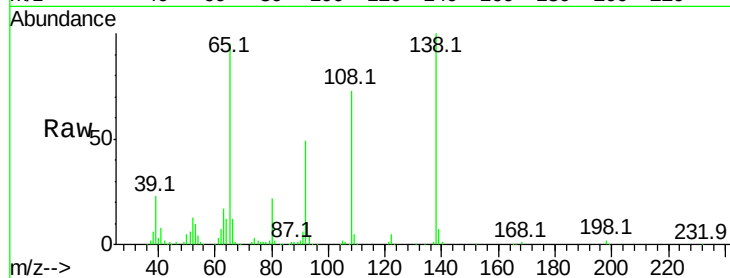
Tot Ion:138 Resp: 330455

Ion Ratio Lower Upper

138 100

92 48.7 45.8 85.8

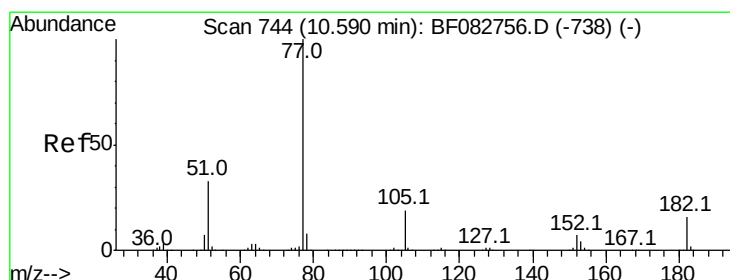
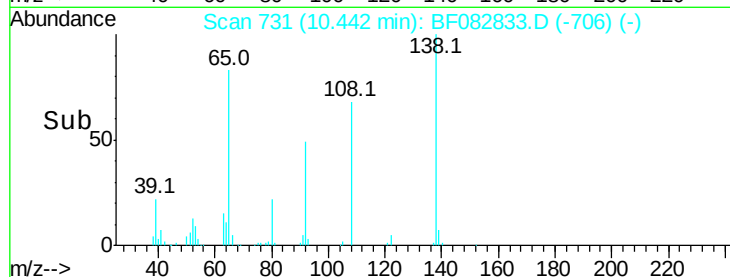
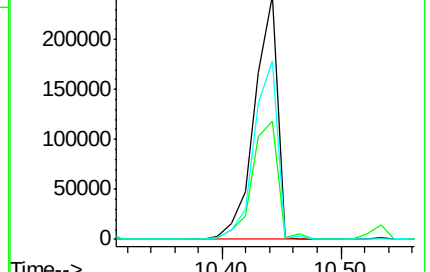
108 73.4 89.4 129.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.76 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion: 77 Resp: 1472159

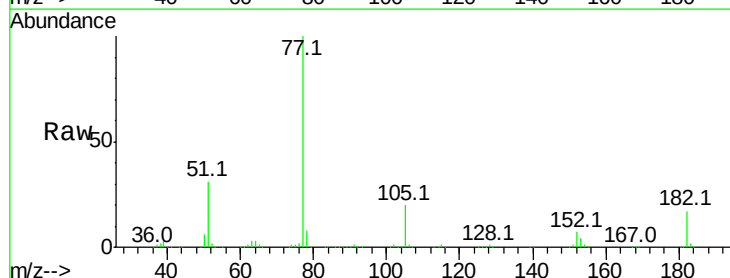
Ion Ratio Lower Upper

77 100

182 16.5 9.3 49.3

105 20.3 2.6 42.6

51 31.1 9.9 49.9

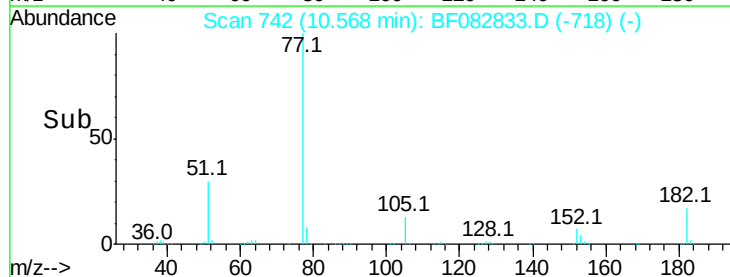
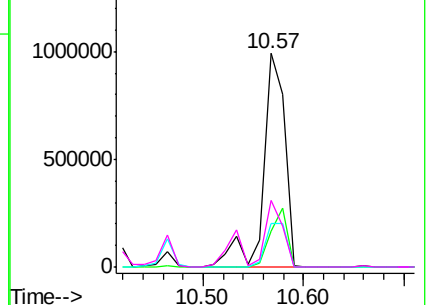


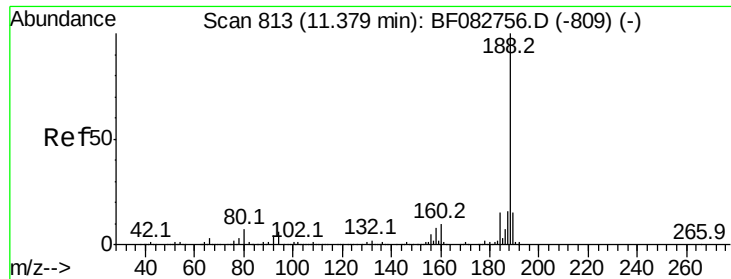
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

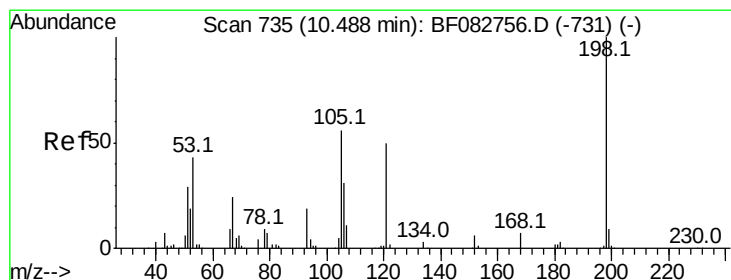
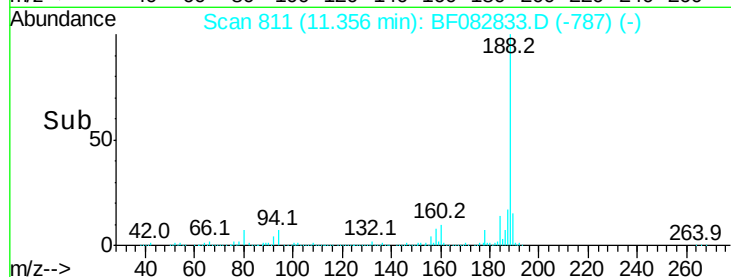
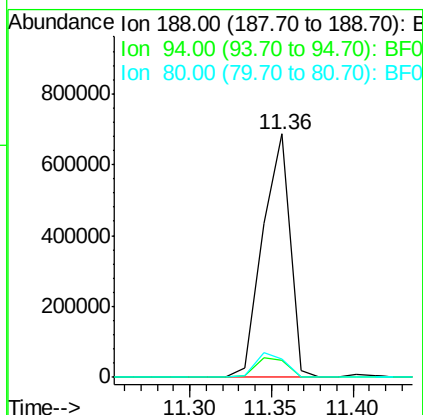
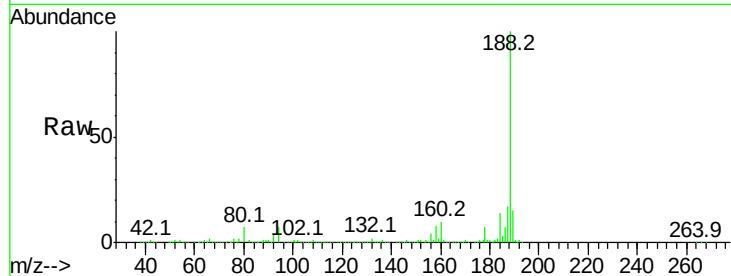




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

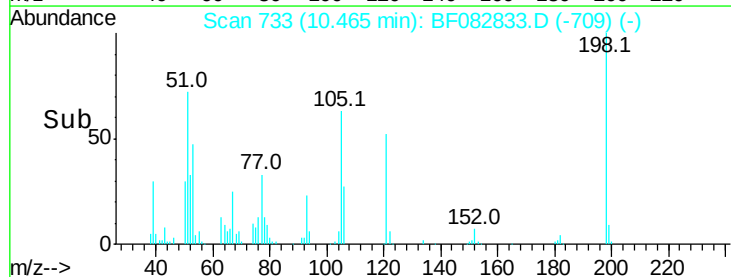
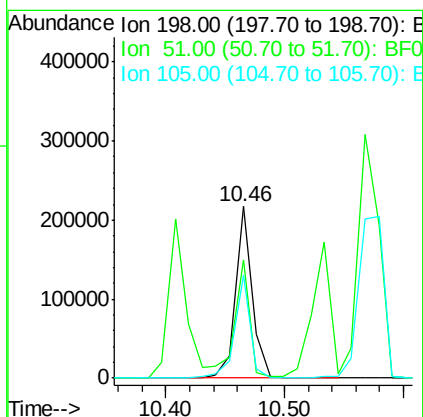
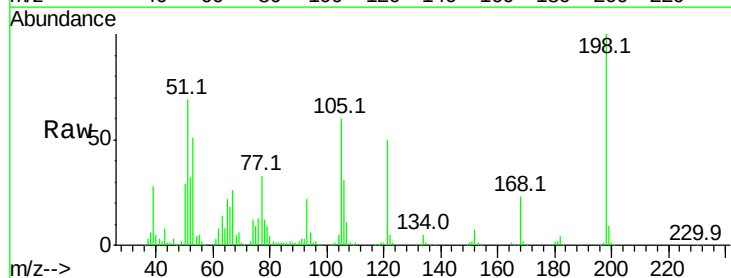
Instrument :
BNA_F
ClientSampleId :
PB86498BS

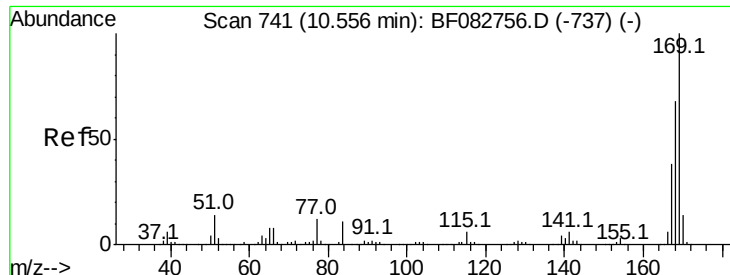
Tot Ion:188 Resp: 801870
Ion Ratio Lower Upper
188 100
94 7.1 6.1 9.1
80 7.3 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 36.99 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:198 Resp: 211334
Ion Ratio Lower Upper
198 100
51 68.8 17.3 57.3#
105 59.8 21.7 61.7

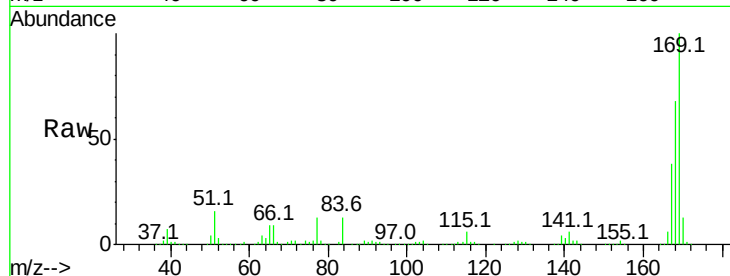




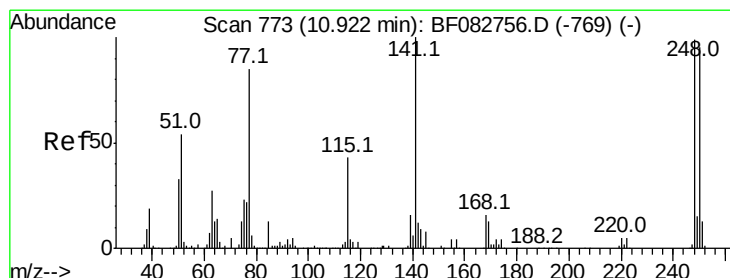
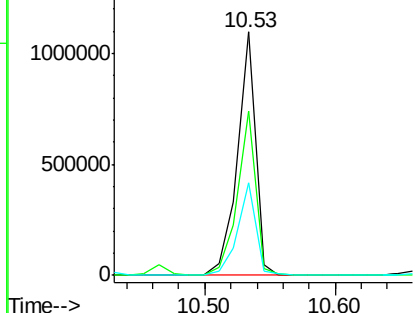
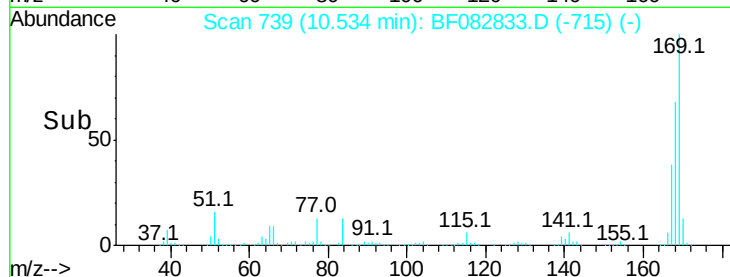
#65
 n-Nitrosodiphenylamine
 Concen: 36.26 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampled :
 PB86498BS

Tot Ion:169 Resp: 1050521
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.0 82.6
 167 38.2 30.5 45.7

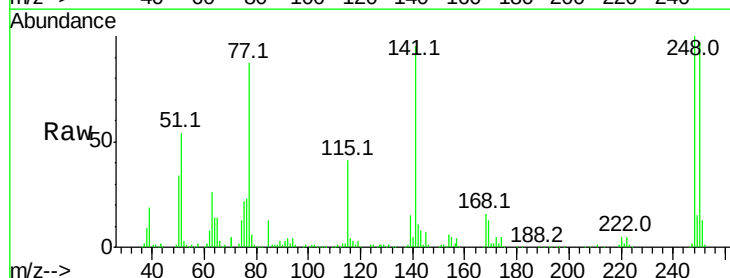


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

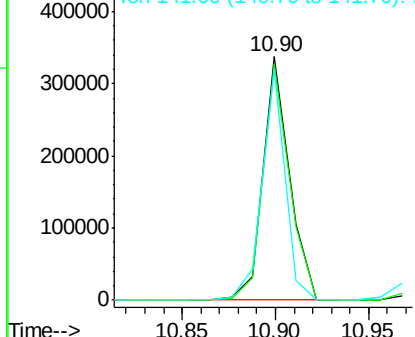
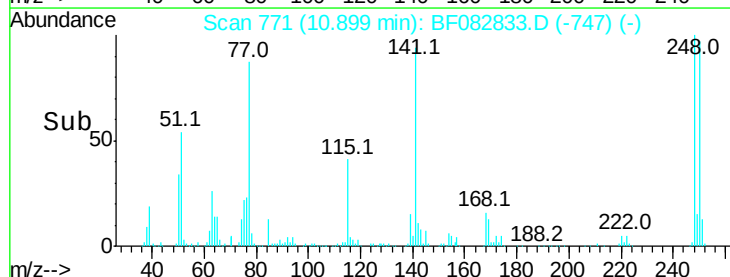


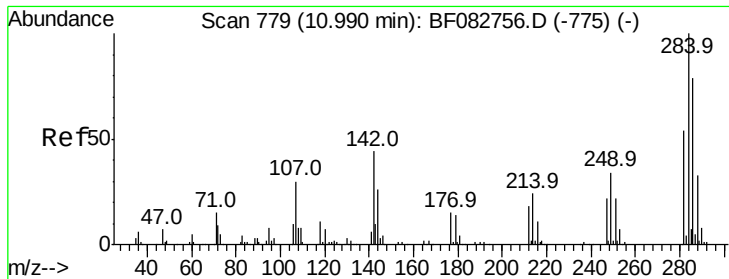
#66
 4-Bromophenyl-phenylether
 Concen: 34.06 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion:248 Resp: 328890
 Ion Ratio Lower Upper
 248 100
 250 96.9 79.4 119.2
 141 94.6 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: 33.77 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

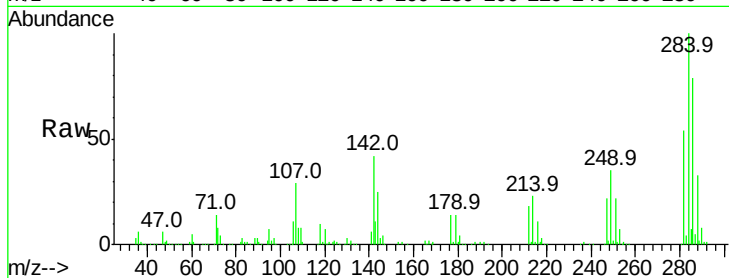
Tot Ion:284 Resp: 364045

Ion Ratio Lower Upper

284 100

142 42.1 47.9 71.9#

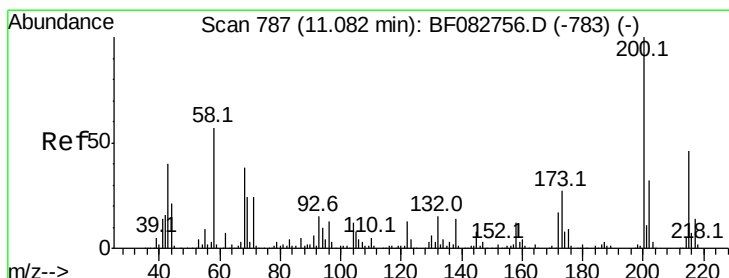
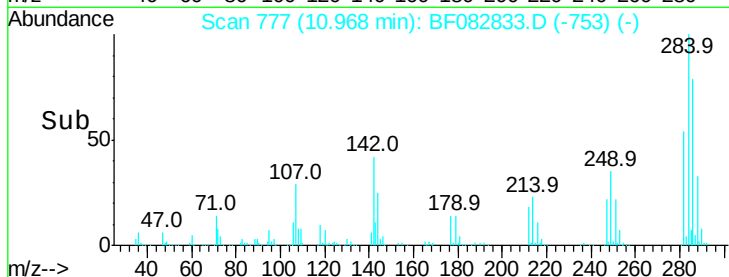
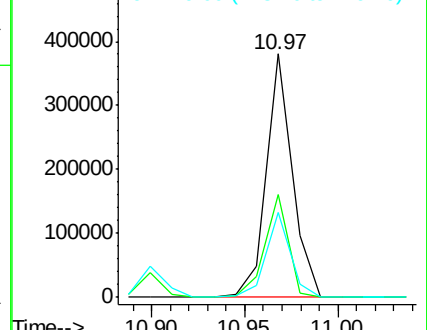
249 34.7 29.7 44.5



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: 35.51 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

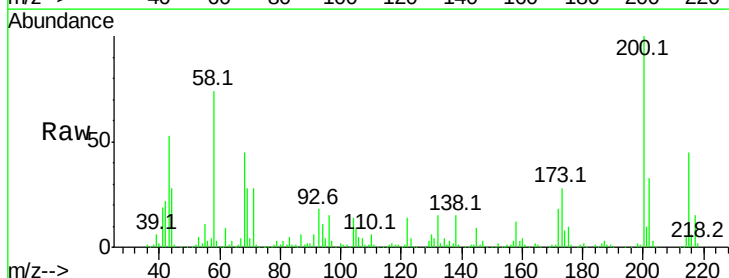
Tgt Ion:200 Resp: 318139

Ion Ratio Lower Upper

200 100

173 27.8 6.9 46.9

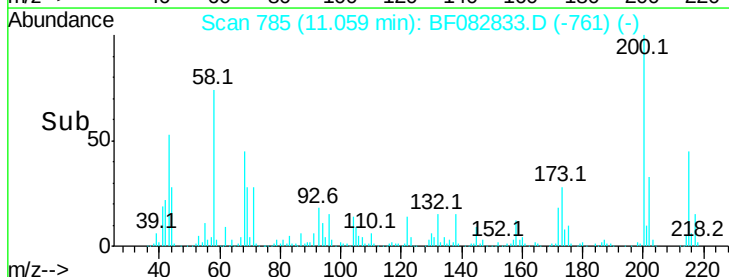
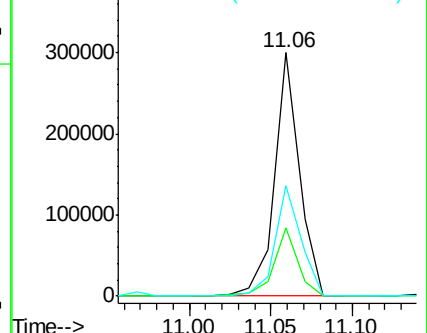
215 45.1 22.9 62.9

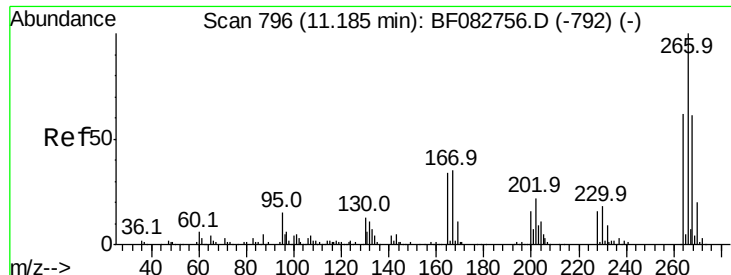


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

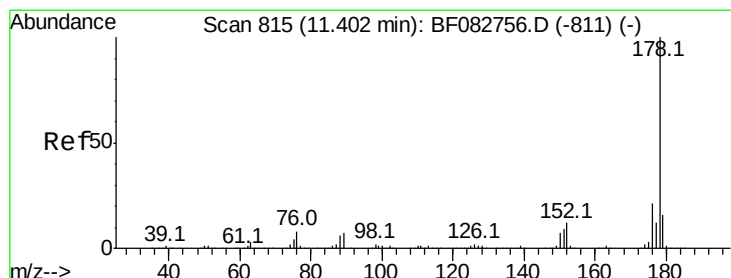
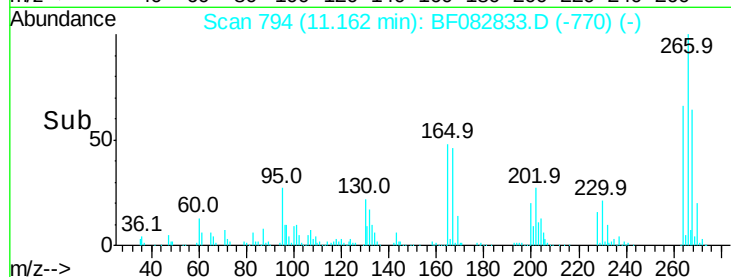
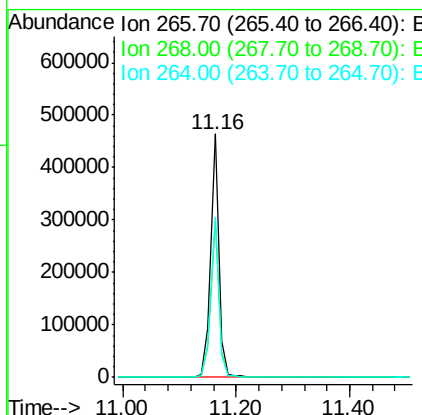
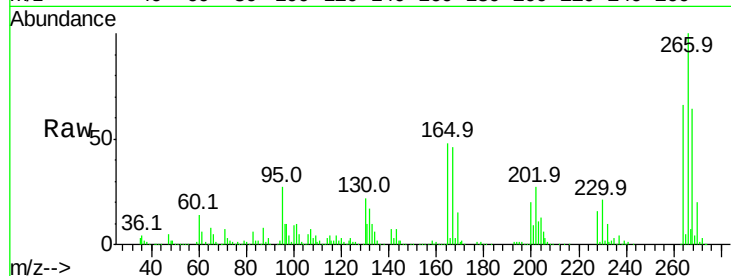




#69
 Pentachlorophenol
 Concen: 68.69 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

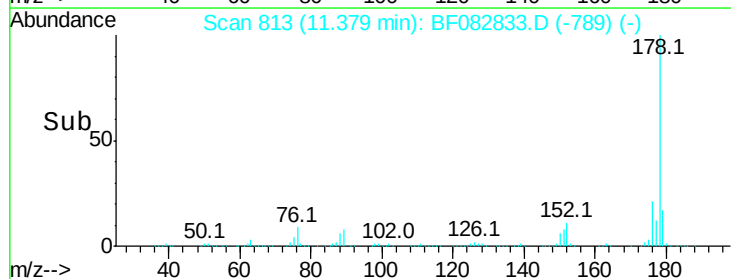
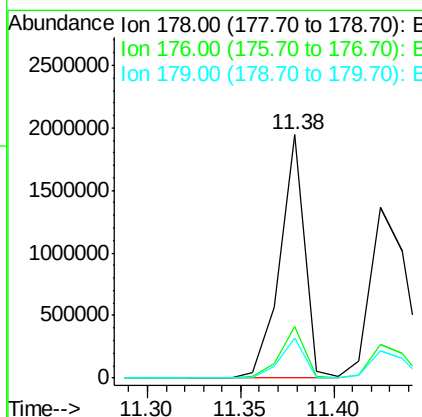
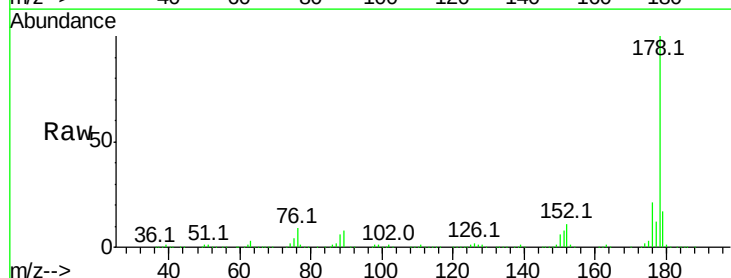
Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

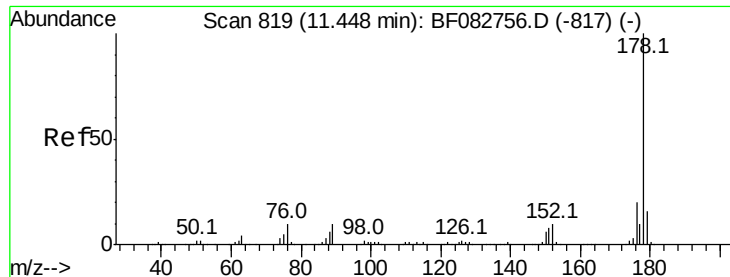
Tot Ion:266 Resp: 449731
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.0 76.6
 264 65.7 50.6 75.8



#70
 Phenanthrene
 Concen: 38.83 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion:178 Resp: 1808240
 Ion Ratio Lower Upper
 178 100
 176 21.1 17.0 25.4
 179 16.6 13.4 20.0

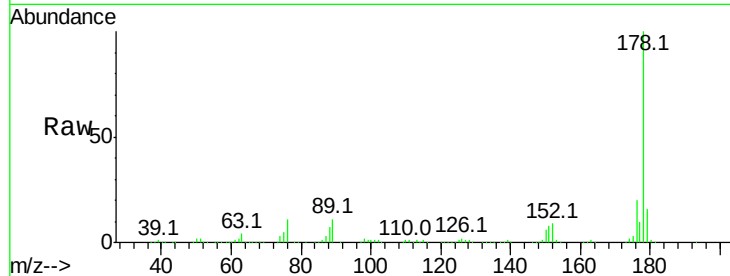




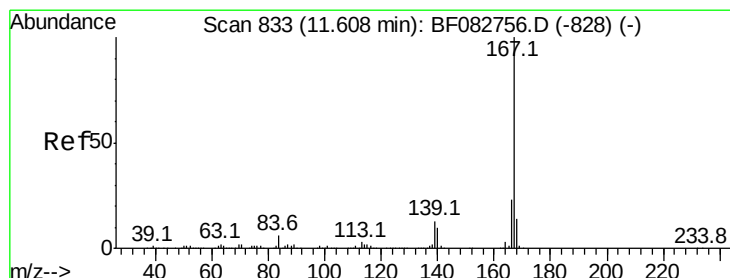
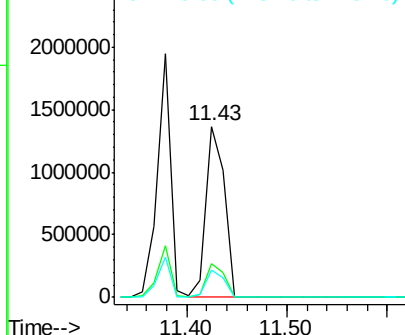
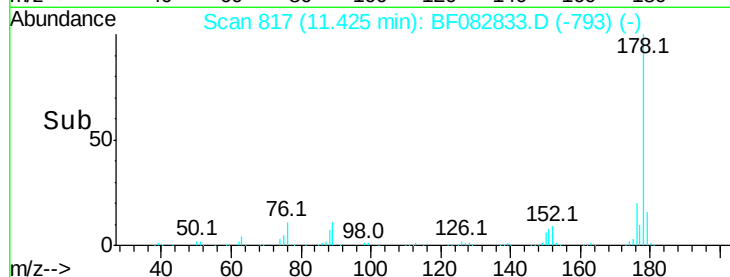
#71
 Anthracene
 Concen: 35.34 ng
 RT: 11.43 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion:178 Resp: 1733645
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.5 24.7
 179 16.3 13.2 19.8

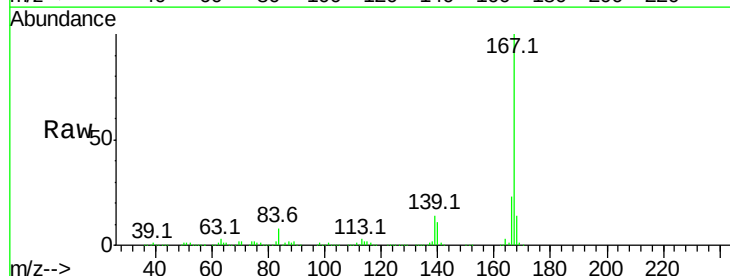


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

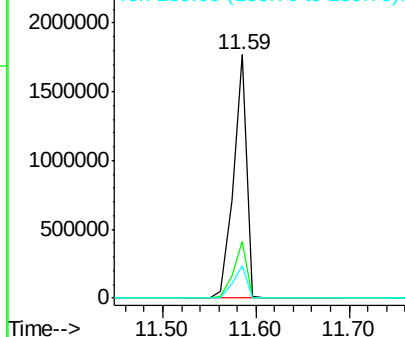
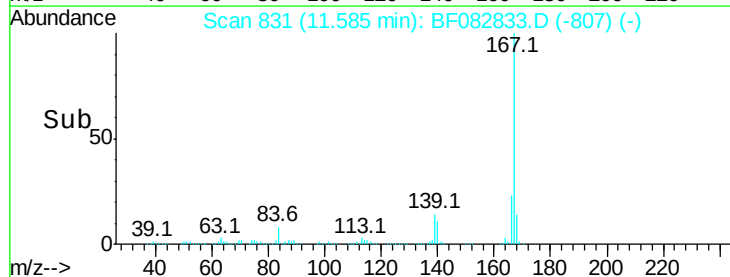


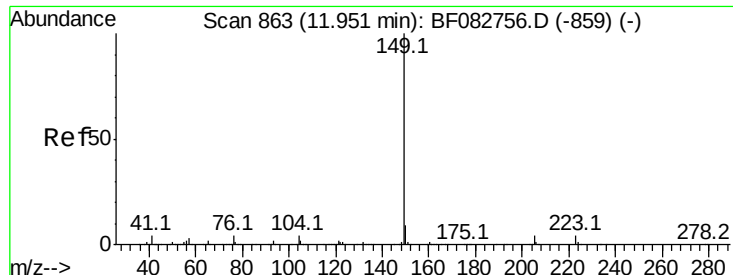
#72
 Carbazole
 Concen: 40.76 ng
 RT: 11.59 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion:167 Resp: 1750233
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.7 28.1
 139 13.5 11.8 17.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

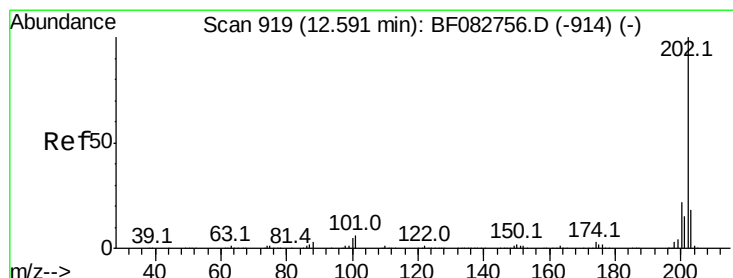
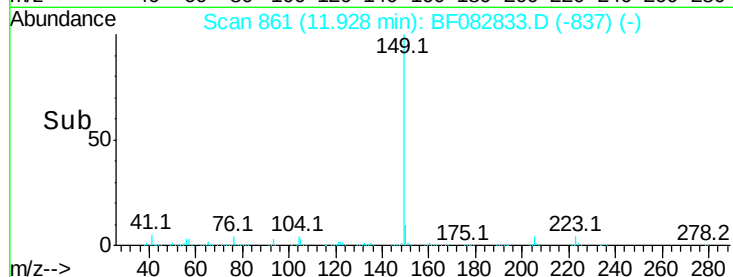
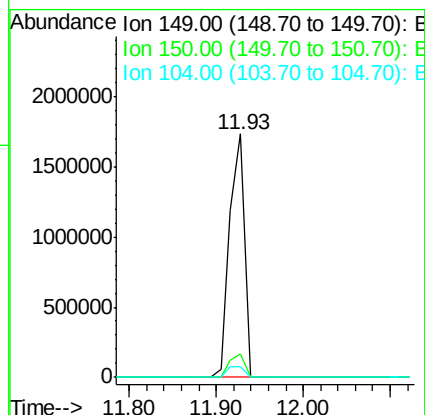
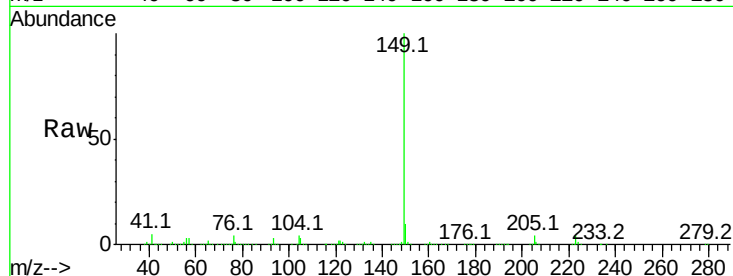




#73
Di-n-butylphthalate
Concen: 38.39 ng
RT: 11.93 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

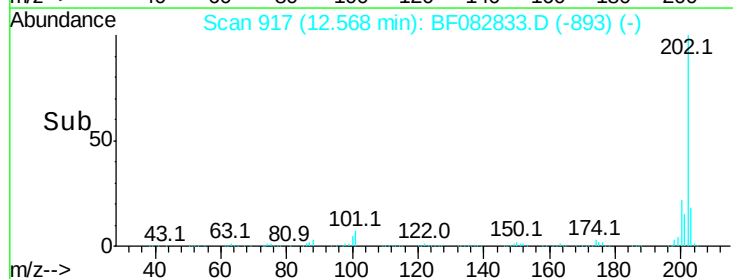
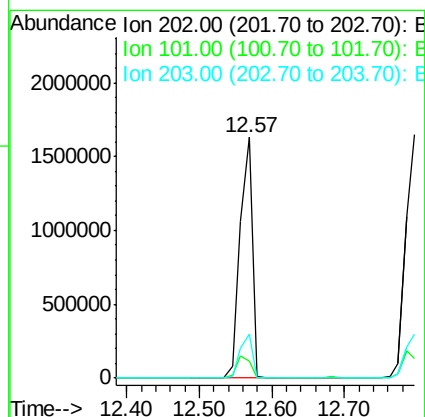
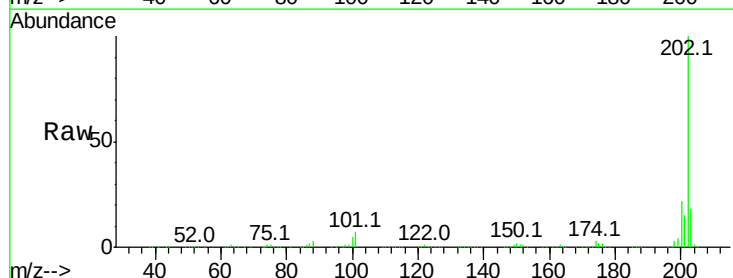
Instrument :
BNA_F
ClientSampleId :
PB86498BS

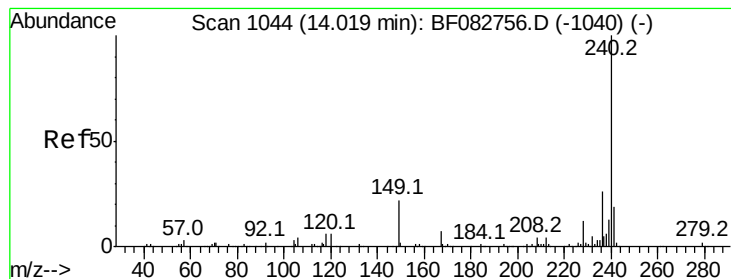
Tot Ion:149 Resp: 2053971
Ion Ratio Lower Upper
149 100
150 9.6 8.1 12.1
104 4.3 5.2 7.8#



#74
Fluoranthene
Concen: 38.43 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:202 Resp: 1920589
Ion Ratio Lower Upper
202 100
101 7.0 0.0 30.5
203 18.1 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

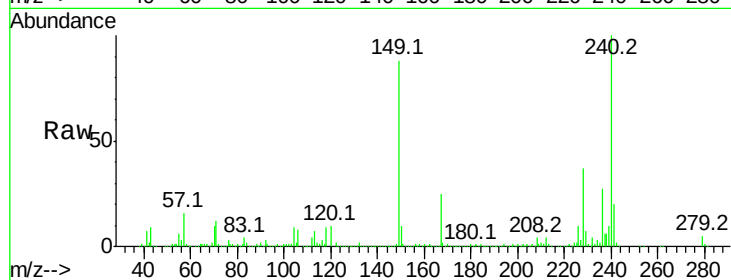
Tot Ion:240 Resp: 702038

Ion Ratio Lower Upper

240 100

120 10.0 10.9 16.3#

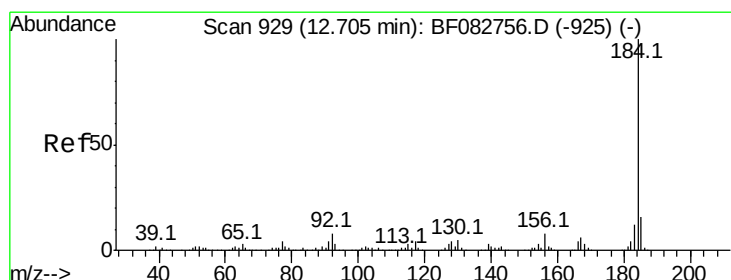
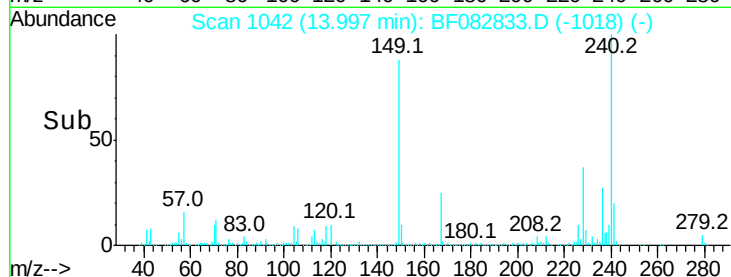
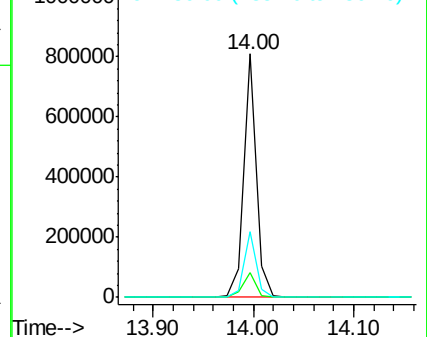
236 26.8 21.6 32.4



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: 38.92 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

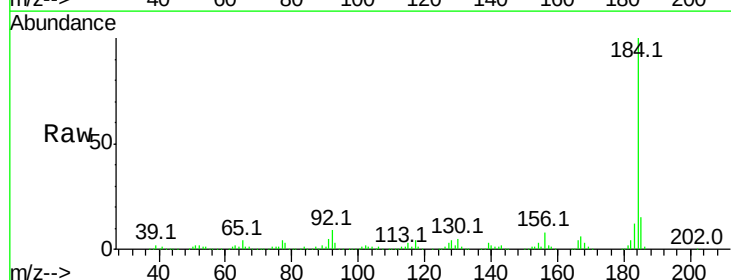
Tgt Ion:184 Resp: 915694

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

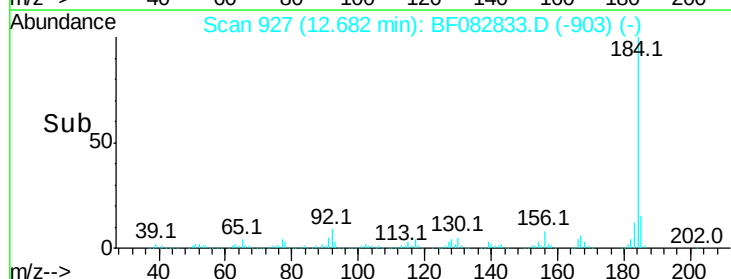
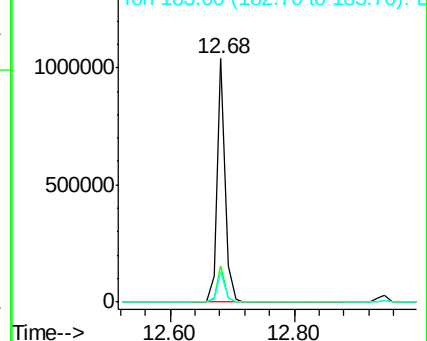
183 12.0 9.6 14.4

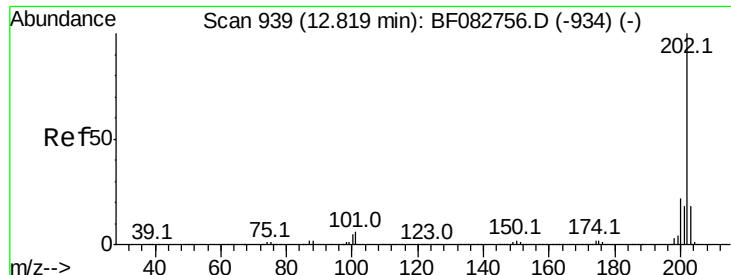


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

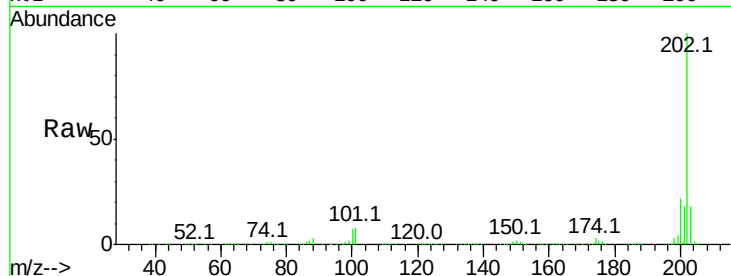




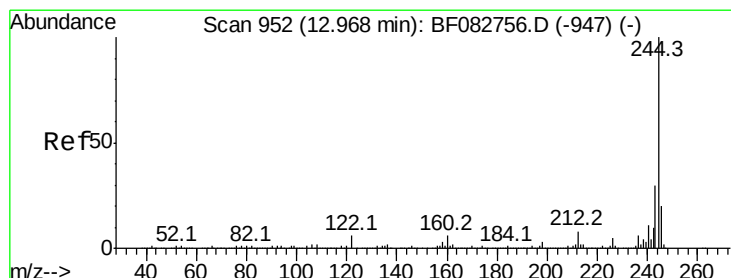
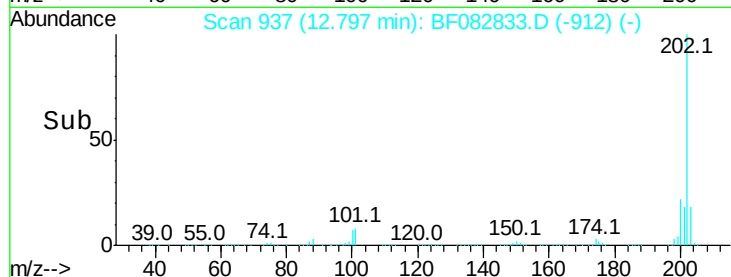
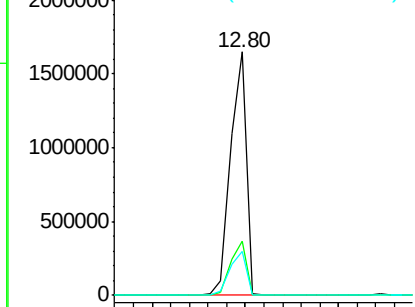
#77
Pvrene
Concen: 40.91 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion:202 Resp: 1972225
Ion Ratio Lower Upper
202 100
200 22.4 18.7 28.1
203 18.2 14.8 22.2

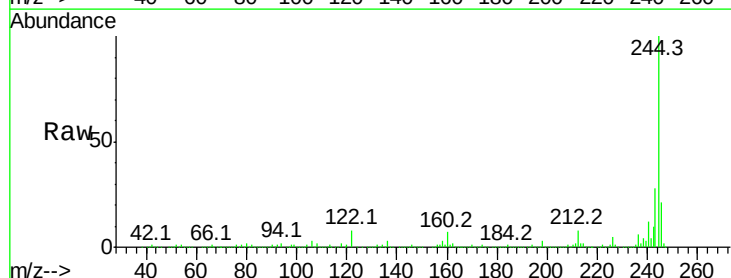


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

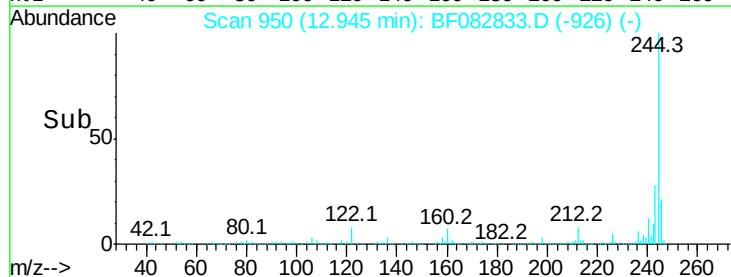
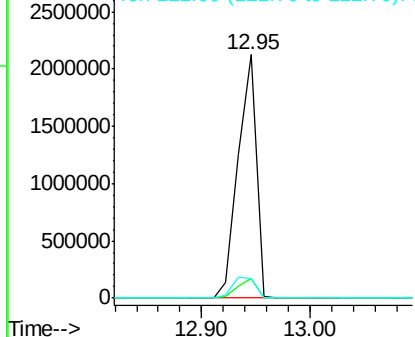


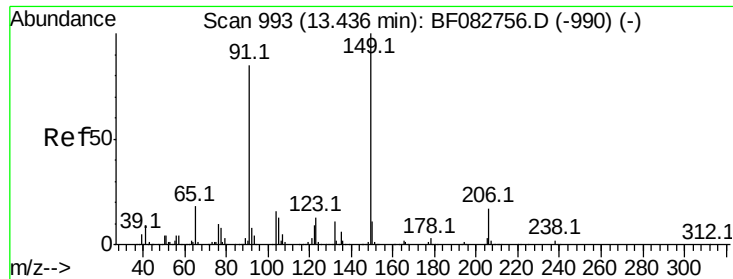
#78
Terphenyl-d14
Concen: 82.52 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:244 Resp: 2442532
Ion Ratio Lower Upper
244 100
212 7.9 7.6 11.4
122 8.1 11.3 16.9#



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

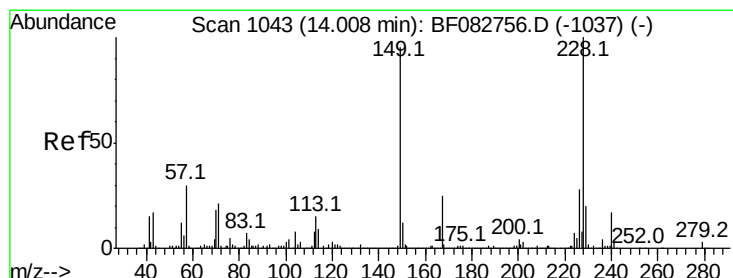
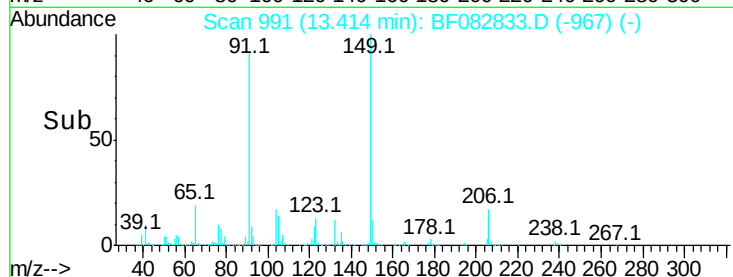
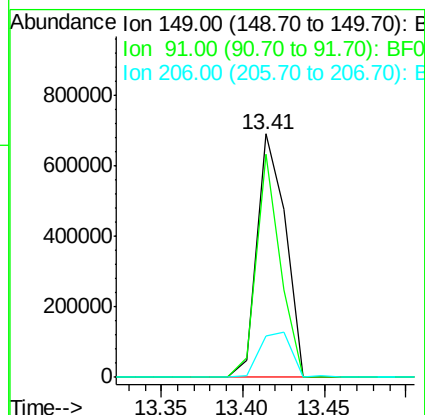
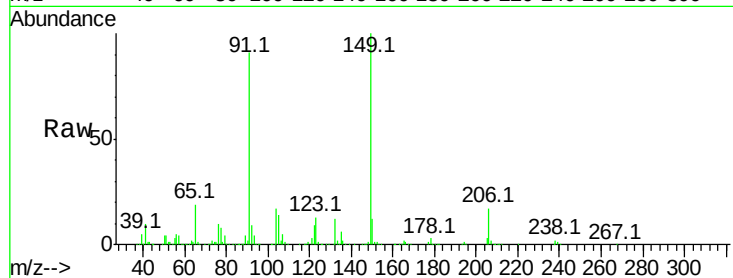




#79
Butylbenzylphthalate
Concen: 39.32 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

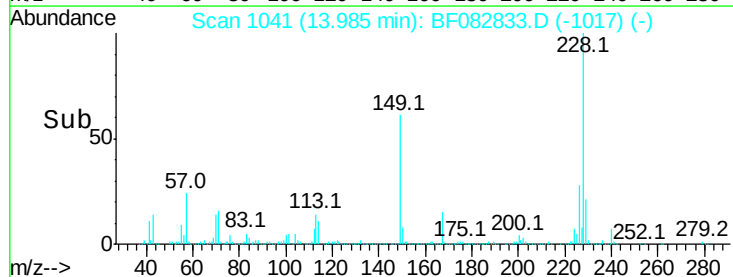
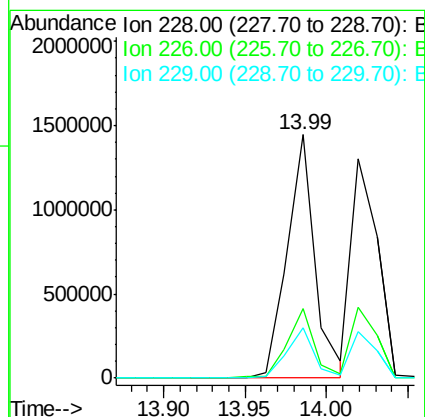
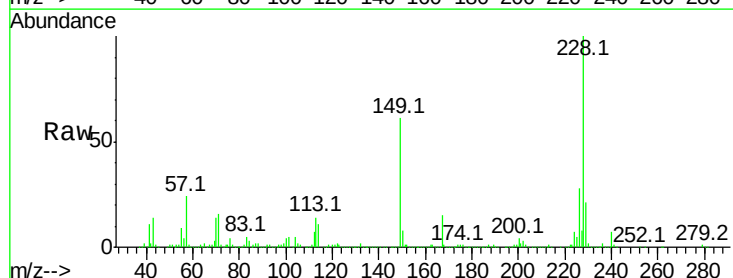
Instrument :
BNA_F
ClientSampleId :
PB86498BS

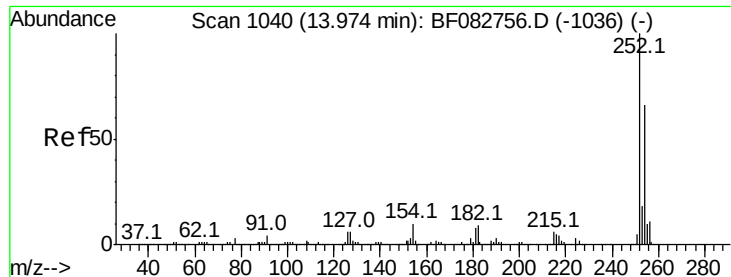
Tot Ion:149 Resp: 837398
Ion Ratio Lower Upper
149 100
91 91.4 67.7 101.5
206 17.0 14.6 22.0



#80
Benzo(a)anthracene
Concen: 39.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:228 Resp: 1712018
Ion Ratio Lower Upper
228 100
226 28.4 23.4 35.2
229 20.9 16.3 24.5

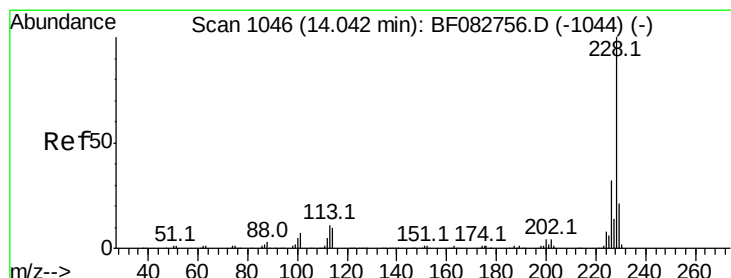
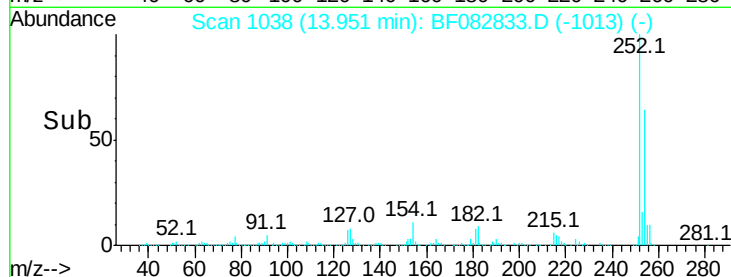
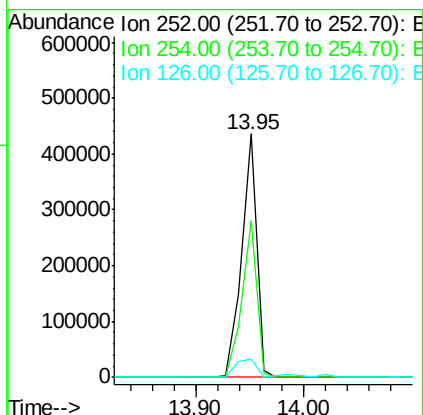
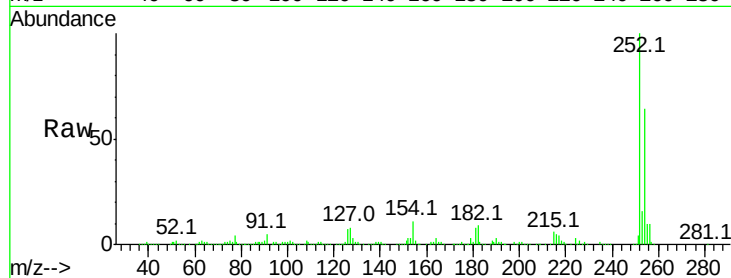




#81
 3,3'-Dichlorobenzidine
 Concen: 26.47 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

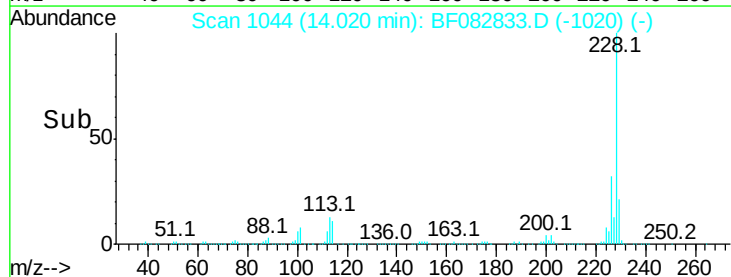
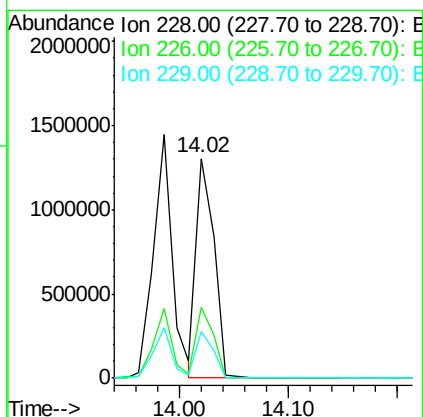
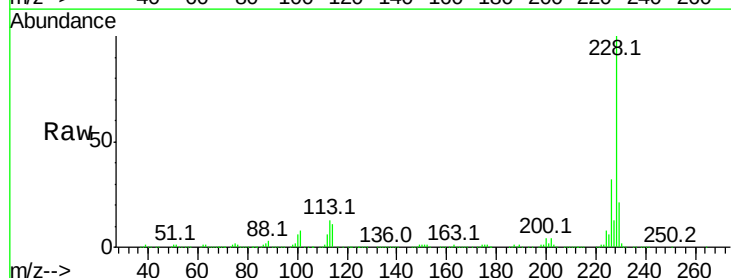
Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

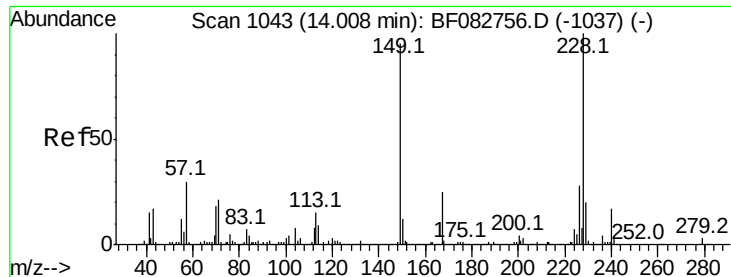
Tot Ion:252 Resp: 413093
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.4 77.0
 126 7.3 10.7 16.1#



#82
 Chrysene
 Concen: 37.06 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion:228 Resp: 1490004
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.5 38.3
 229 20.9 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.59 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

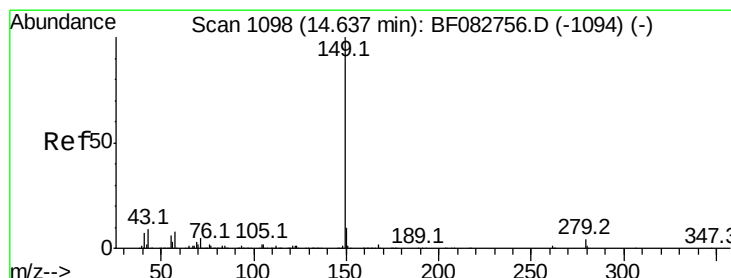
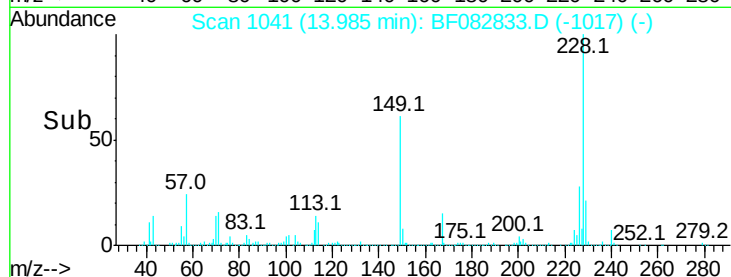
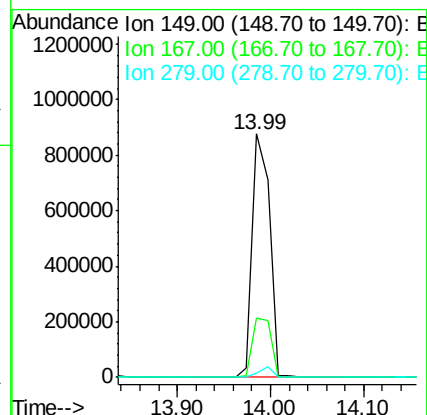
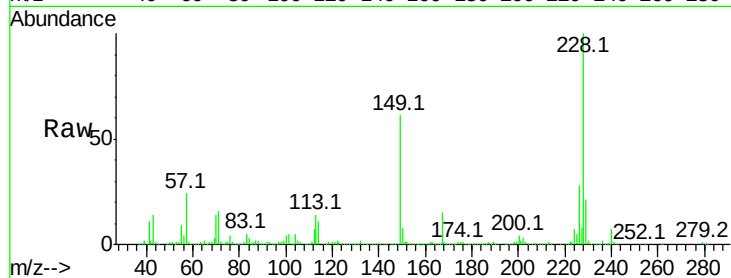
Tot Ion:149 Resp: 1125046

Ion Ratio Lower Upper

149 100

167 24.2 21.2 31.8

279 1.9 2.2 3.2#



#84

Di-n-octyl phthalate

Concen: 42.95 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

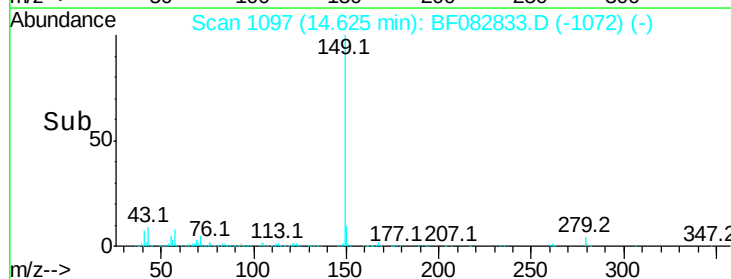
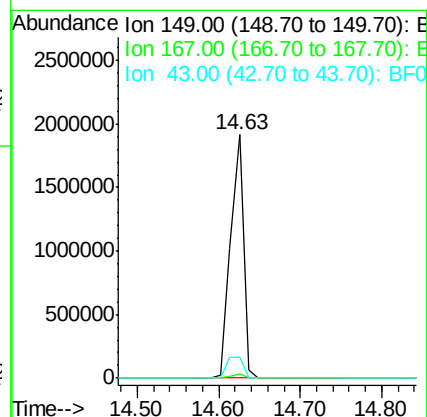
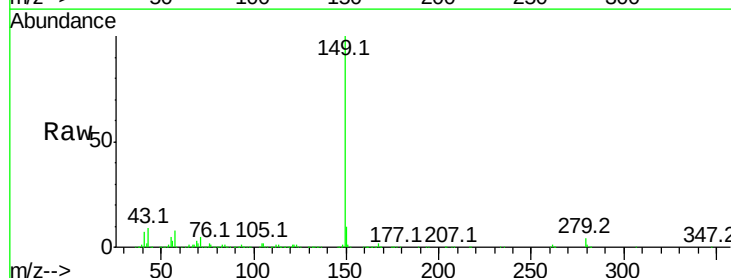
Tgt Ion:149 Resp: 2088738

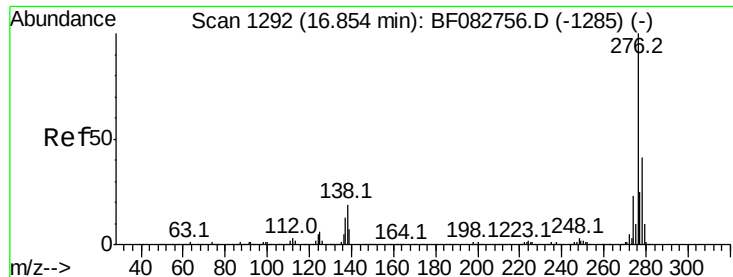
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.2 10.1 15.1

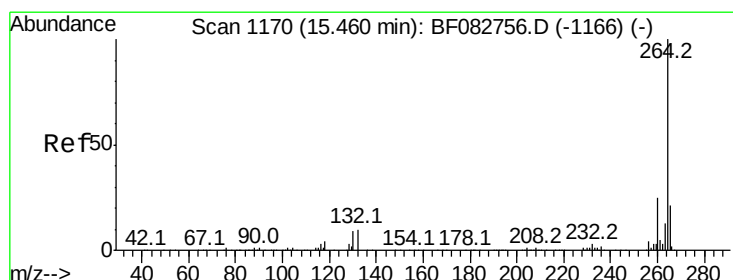
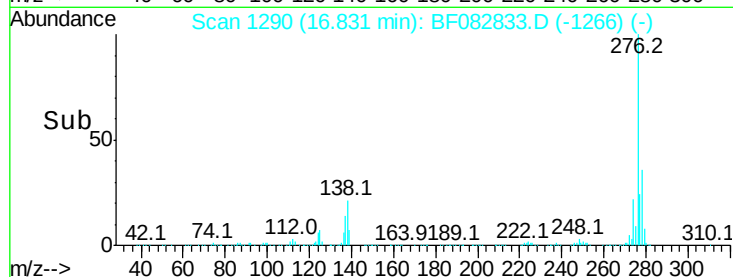
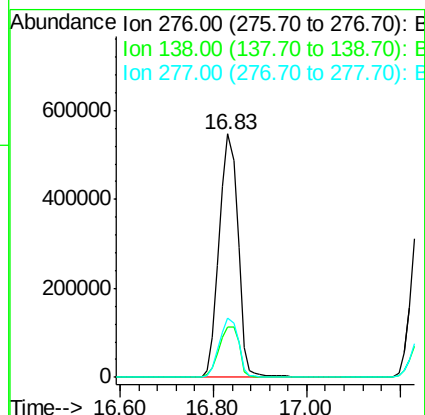
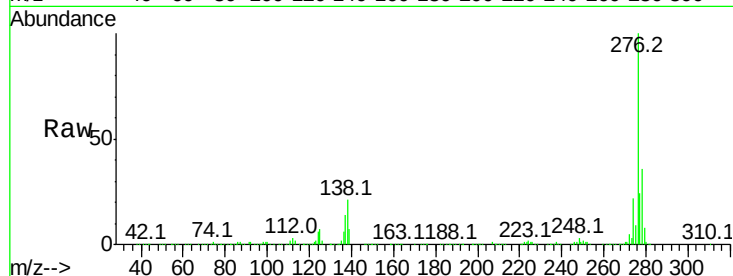




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.52 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

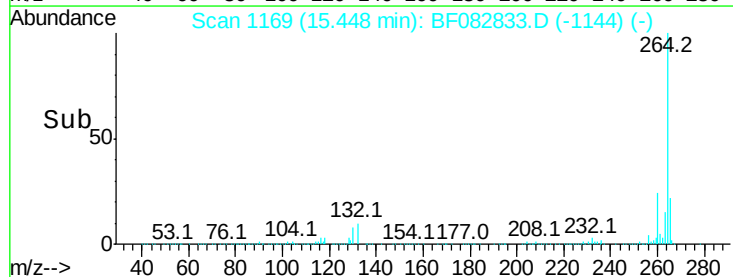
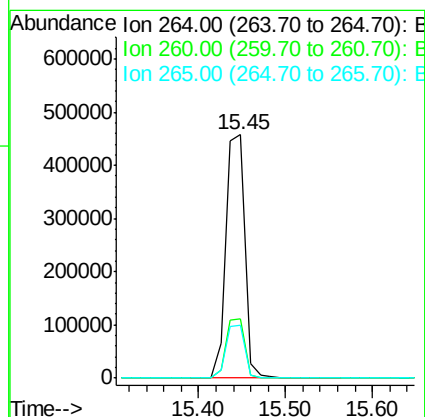
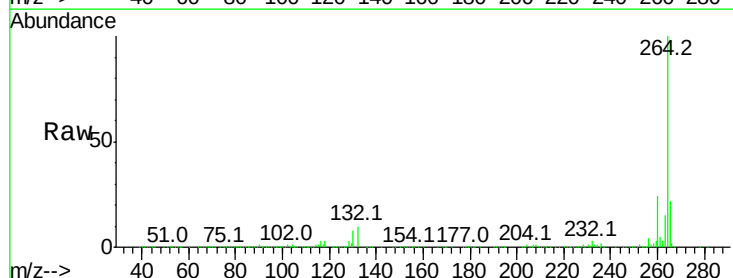
Instrument :
BNA_F
ClientSampled :
PB86498BS

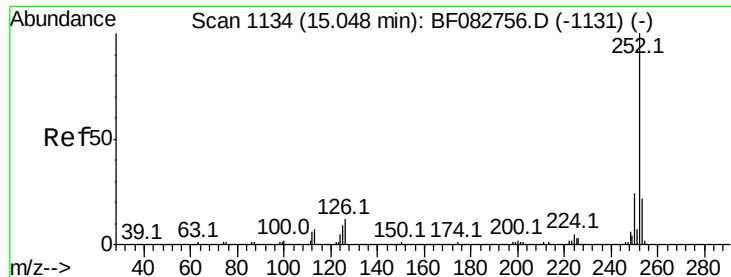
Tot Ion:276 Resp: 1541764
Ion Ratio Lower Upper
276 100
138 22.5 15.3 22.9
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:264 Resp: 694417
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.6
265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 34.25 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.01 min

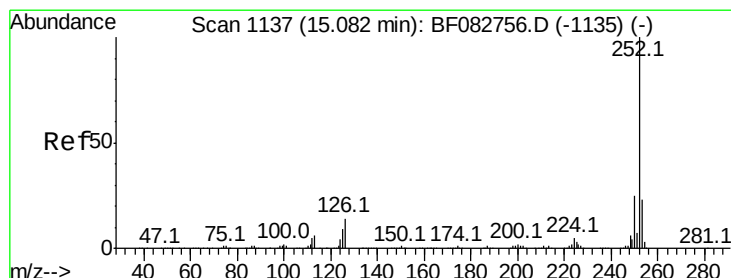
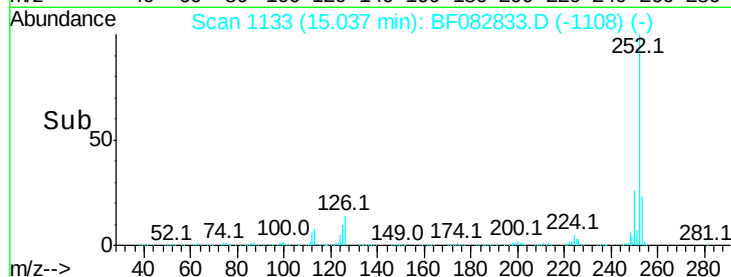
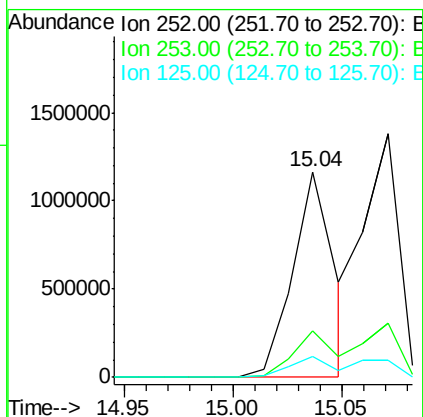
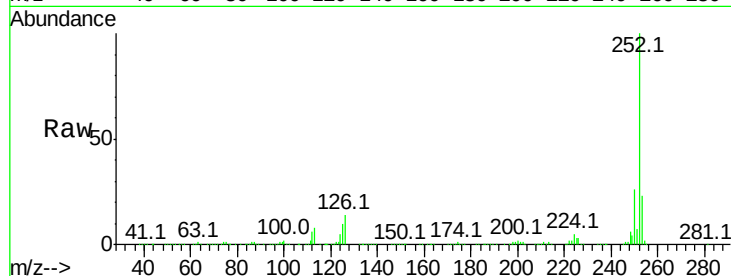
Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion:252 Resp: 1526483

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.1	5.4	8.2#



#88

Benzo(k)fluoranthene

Concen: 38.60 ng

RT: 15.04 min Scan# 1133

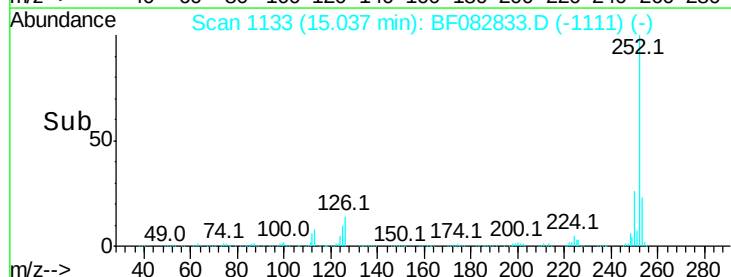
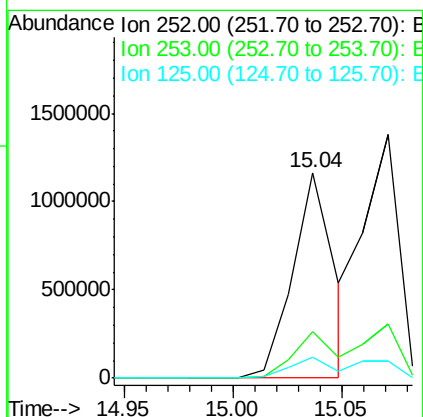
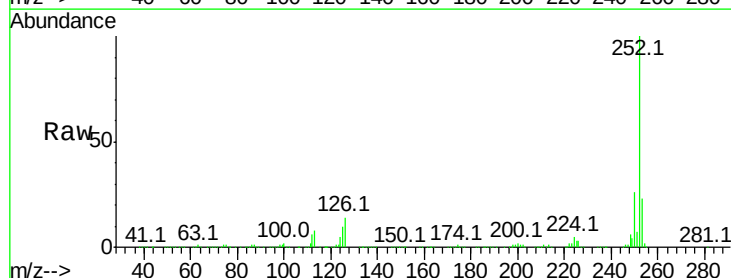
Delta R.T. -0.05 min

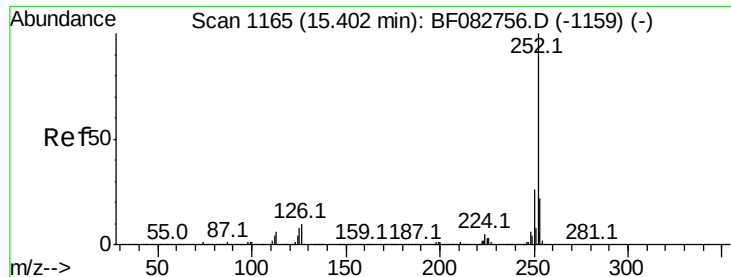
Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:252 Resp: 1526483

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.1	3.5	5.3#





#89

Benzo(a)pyrene

Concen: 40.02 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampled :

PB86498BS

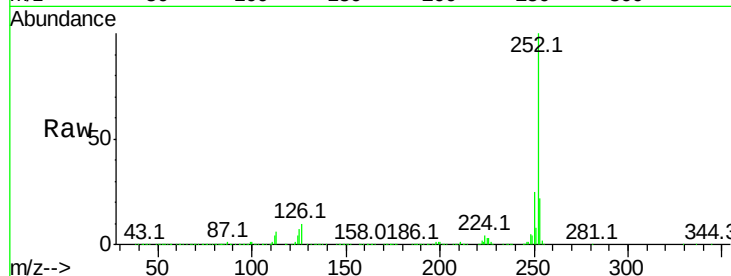
Tot Ion:252 Resp: 1545484

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

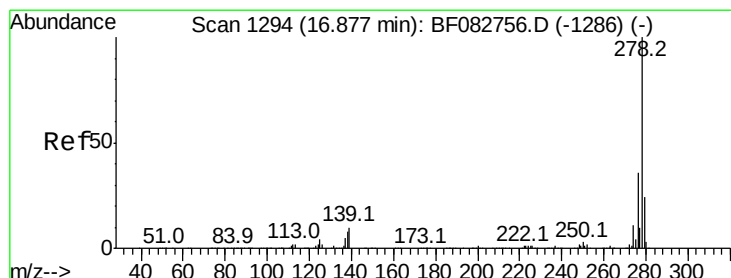
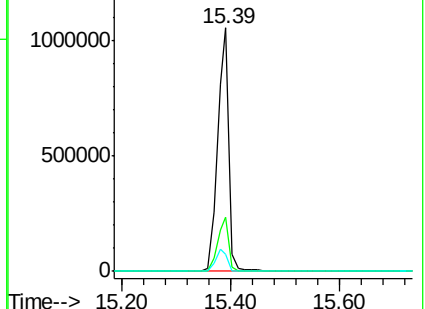
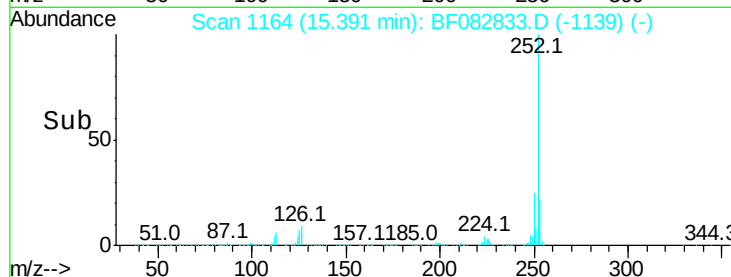
125 7.2 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.77 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

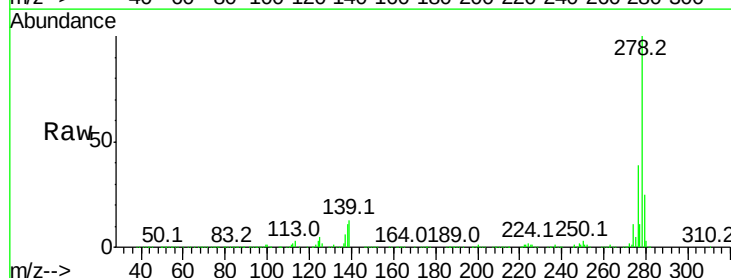
Tgt Ion:278 Resp: 1267946

Ion Ratio Lower Upper

278 100

139 12.7 9.9 14.9

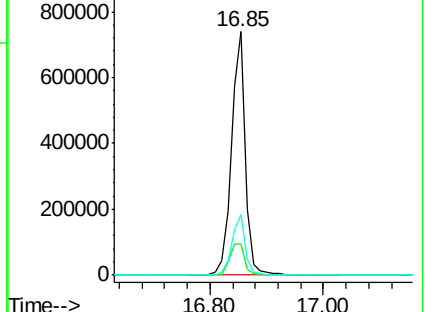
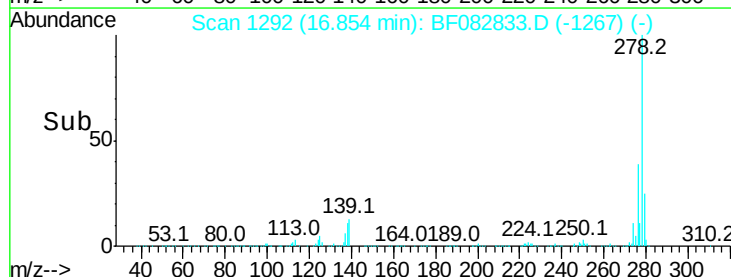
279 24.9 19.6 29.4

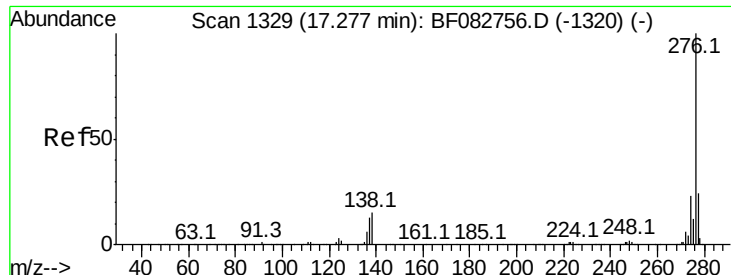


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.02 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

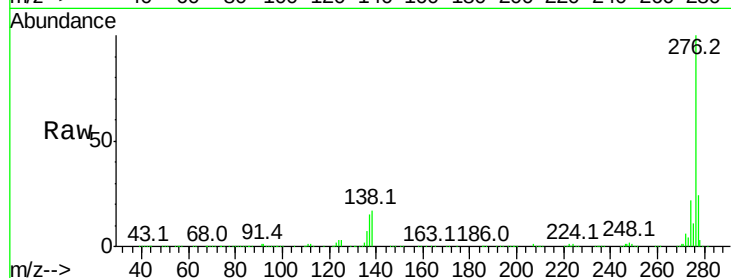
Tot Ion:276 Resp: 1253462

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 17.3 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

