

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082765.D
 Acq On : 6 Nov 2015 17:03
 Operator : UM/IZ
 Sample : PB86450BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Quant Time: Nov 07 02:59:33 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	6.85	152	163940	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	610303	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	333008	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	626957	20.00	ng	0.00
75) Chrysene-d12	14.01	240	540112	20.00	ng	-0.01
86) Perylene-d12	15.45	264	515719	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	792985	75.26	ng	0.01
7) Phenol-d6	6.49	99	1037525	74.07	ng	0.01
23) Nitrobenzene-d5	7.41	82	980989	69.94	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	293592	76.89	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1720525	74.05	ng	0.00
78) Terphenyl-d14	12.96	244	1696717	74.51	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	137753	30.30	ng	96
3) Pyridine	3.24	79	396898	30.09	ng	98
4) n-Nitrosodimethylamine	3.18	42	218418	33.38	ng	88
6) Aniline	6.51	93	400772	20.38	ng	97
8) 2-Chlorophenol	6.64	128	418880	35.86	ng	94
9) Benzaldehyde	6.38	77	46377	5.99	ng	100
10) Phenol	6.50	94	595311	37.46	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	399040	33.57	ng	# 78
12) 1,3-Dichlorobenzene	6.86	146	433695	32.92	ng	93
13) 1,4-Dichlorobenzene	6.86	146	433695	31.64	ng	98
14) 1,2-Dichlorobenzene	7.02	146	447723	35.92	ng	98
15) Benzyl Alcohol	6.99	79	417931	33.97	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	629248	36.09	ng	93
17) 2-Methylphenol	7.10	107	336023	33.96	ng	97
18) Hexachloroethane	7.37	117	168733	34.42	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	323854	31.45	ng	90
20) 3+4-Methylphenols	7.26	107	463001	36.00	ng	98
22) Acetophenone	7.26	105	616308	35.24	ng	# 90
24) Nitrobenzene	7.44	77	512956	35.76	ng	98
25) Isophorone	7.68	82	875013	33.72	ng	99
26) 2-Nitrophenol	7.74	139	202986	33.90	ng	88
27) 2,4-Dimethylphenol	7.79	122	363026	33.75	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	517788	35.37	ng	99
29) 2,4-Dichlorophenol	8.00	162	382612	39.35	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	377692	34.54	ng	97
31) Naphthalene	8.16	128	1106603	32.86	ng	99
32) Benzoic acid	7.92	122	233575	31.71	ng	91
33) 4-Chloroaniline	8.20	127	212631	14.65	ng	93
34) Hexachlorobutadiene	8.28	225	232195	33.93	ng	99
35) Caprolactam	8.57	113	113091	36.90	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	432749	37.85	ng	90
37) 2-Methylnaphthalene	8.85	142	809444	37.16	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	385330	35.21	ng	99
40) Hexachlorocyclopentadiene	9.01	237	490761	83.47	ng	98

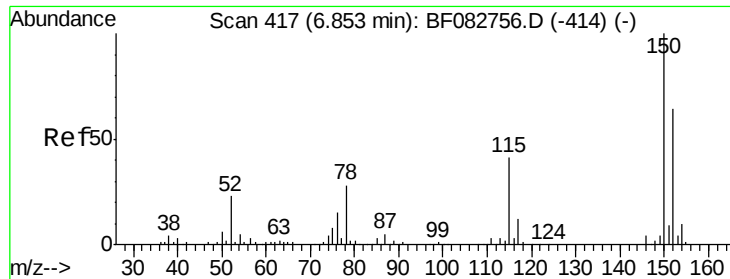
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082765.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	273639	33.50	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	265142	32.82	ng #	87
45) 1,1'-Biphenyl	9.31	154	913439	31.97	ng	95
46) 2-Chloronaphthalene	9.33	162	731497	32.82	ng	94
47) 2-Nitroaniline	9.42	65	261302	31.60	ng	93
48) Acenaphthylene	9.76	152	1267827	36.29	ng	99
49) Dimethylphthalate	9.62	163	937429	34.36	ng	100
50) 2,6-Dinitrotoluene	9.68	165	217932	37.44	ng	88
51) Acenaphthene	9.93	154	935664	42.26	ng	100
52) 3-Nitroaniline	9.84	138	114669	17.91	ng	90
53) 2,4-Dinitrophenol	9.95	184	265408	83.04	ng #	16
54) Dibenzofuran	10.10	168	1110072	37.19	ng	93
55) 4-Nitrophenol	10.01	139	358337	72.96	ng	88
56) 2,4-Dinitrotoluene	10.08	165	256197	32.44	ng #	93
57) Fluorene	10.44	166	922439	38.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	233086	35.35	ng	92
59) Diethylphthalate	10.32	149	900622	33.81	ng	97
60) 4-Chlorophenyl-phenylether	10.43	204	390042	32.25	ng #	83
61) 4-Nitroaniline	10.45	138	197328	30.65	ng	88
62) Azobenzene	10.59	77	1011402	35.34	ng	90
64) 4,6-Dinitro-2-methylphenol	10.49	198	170378	38.14	ng	98
65) n-Nitrosodiphenylamine	10.56	169	771947	34.08	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	266006	35.24	ng #	81
67) Hexachlorobenzene	10.99	284	289107	34.30	ng #	78
68) Atrazine	11.08	200	283533	40.48	ng	97
69) Pentachlorophenol	11.18	266	397109	77.58	ng	99
70) Phenanthrene	11.40	178	1410625	38.74	ng	98
71) Anthracene	11.45	178	1234390	32.19	ng	99
72) Carbazole	11.60	167	1218257	36.29	ng	98
73) Di-n-butylphthalate	11.94	149	1344006	32.13	ng	100
74) Fluoranthene	12.58	202	1339374	34.28	ng	98
76) Benzidine	12.71	184	492475	27.21	ng	98
77) Pyrene	12.81	202	1332695	35.93	ng	99
79) Butylbenzylphthalate	13.44	149	609851	37.22	ng	99
80) Benzo(a)anthracene	14.00	228	1309882	38.78	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	271072	22.58	ng	98
82) Chrysene	14.04	228	1322787	42.76	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	896868	39.99	ng #	98
84) Di-n-octyl phthalate	14.63	149	1513548	40.46	ng	96
85) Indeno(1,2,3-cd)pyrene	16.83	276	1007951	37.83	ng	100
87) Benzo(b)fluoranthene	15.04	252	1087565	32.85	ng #	98
88) Benzo(k)fluoranthene	15.04	252	1087565	37.04	ng #	97
89) Benzo(a)pyrene	15.39	252	1064604	37.12	ng #	98
90) Dibenzo(a,h)anthracene	16.85	278	846212	34.84	ng	99
91) Benzo(g,h,i)perylene	17.25	276	802872	34.51	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

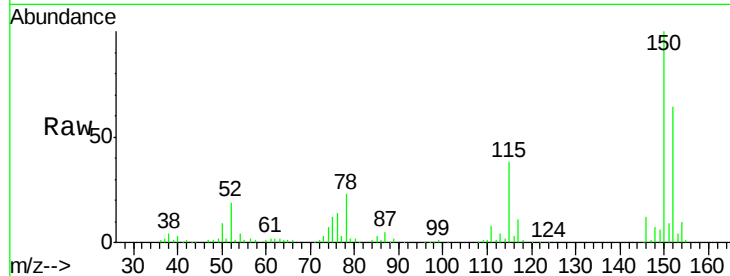
Tgt Ion:152 Resp: 163940

Ion Ratio Lower Upper

152 100

150 157.0 127.0 190.4

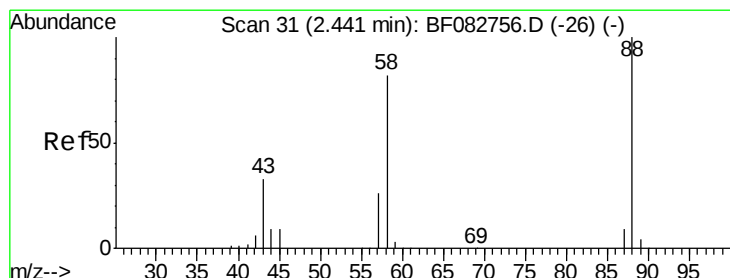
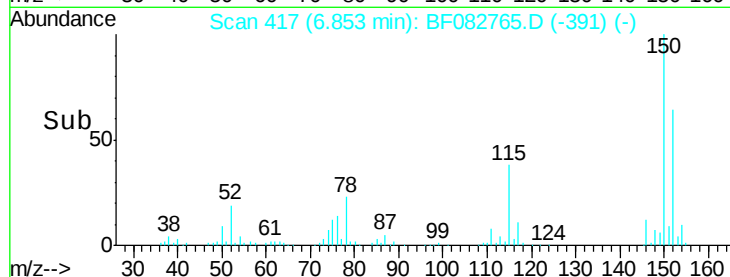
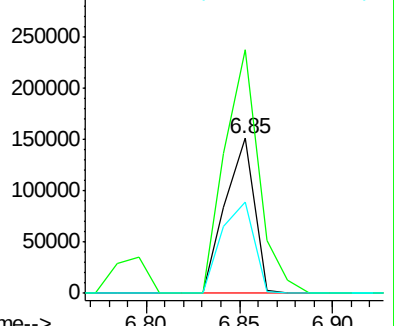
115 59.2 47.0 70.6



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: 30.30 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.09 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

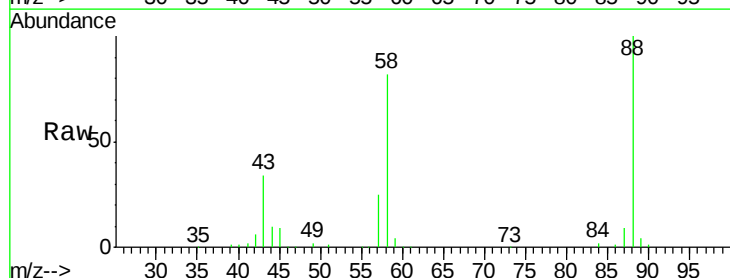
Tgt Ion: 88 Resp: 137753

Ion Ratio Lower Upper

88 100

58 82.0 62.0 93.0

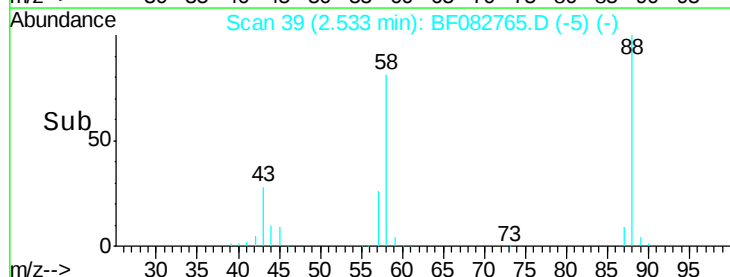
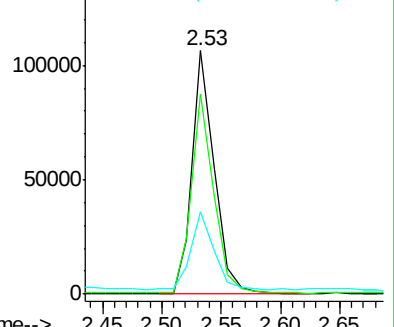
43 33.9 26.6 40.0

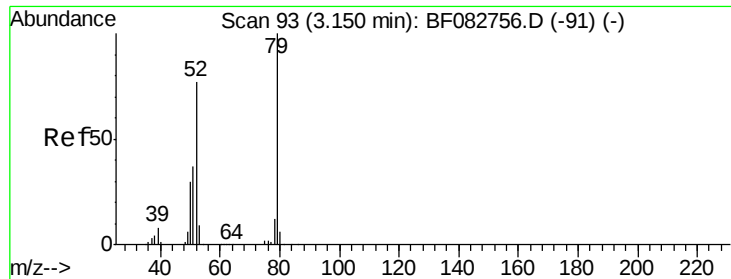


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.09 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

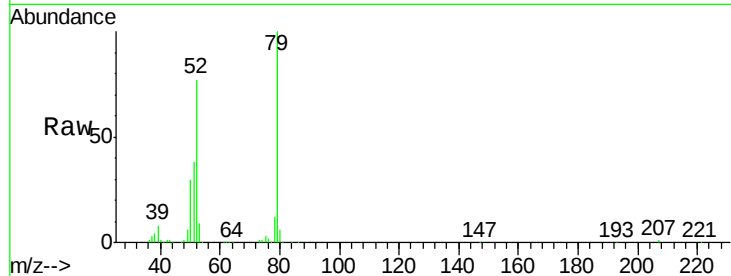
Tgt Ion: 79 Resp: 396898

Ion Ratio Lower Upper

79 100

52 77.4 62.8 94.2

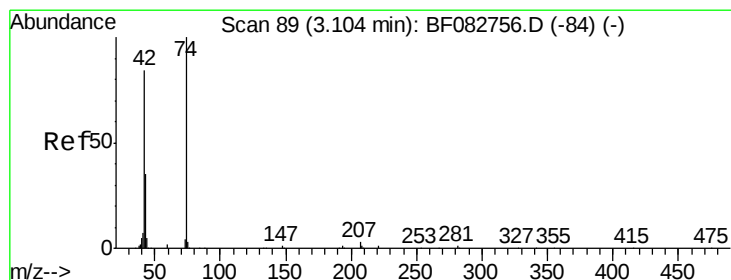
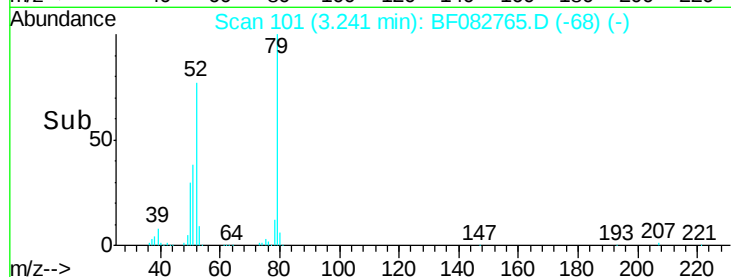
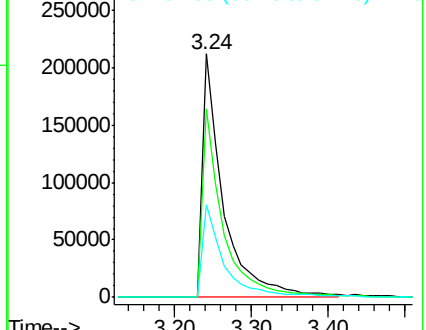
51 38.1 32.0 48.0



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: 33.38 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.09 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

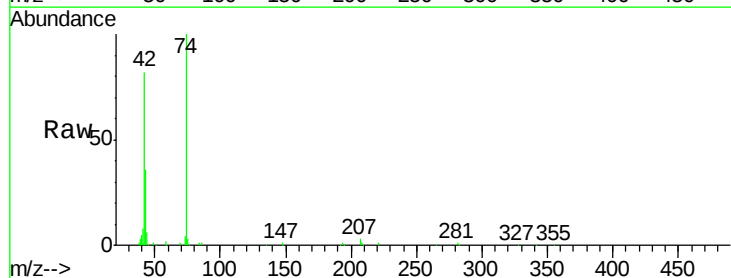
Tgt Ion: 42 Resp: 218418

Ion Ratio Lower Upper

42 100

74 122.2 87.0 130.4

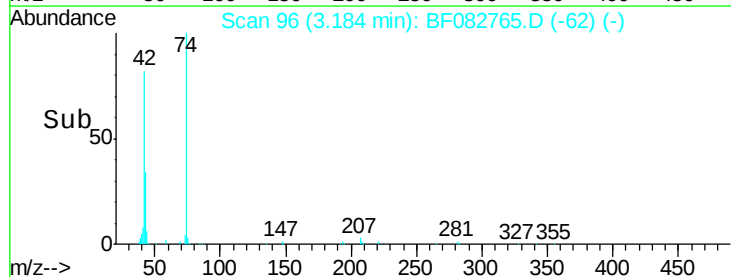
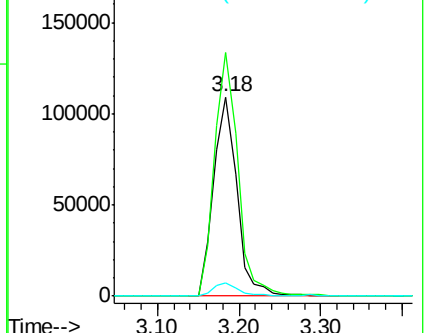
44 6.9 5.8 8.8

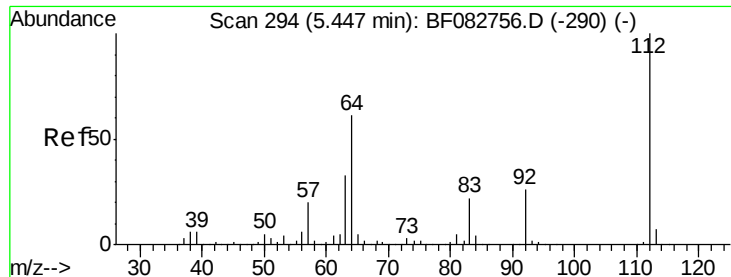


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.26 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

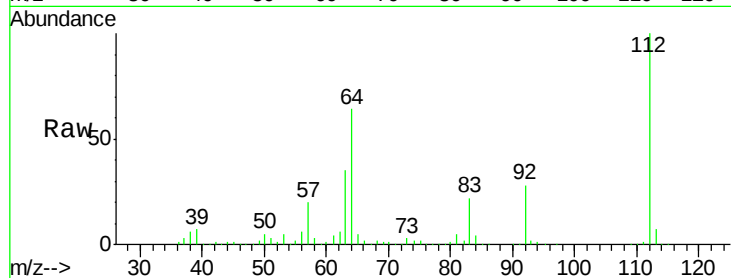
Instrument :

BNA_F

ClientSampleId :

PB86450BSD

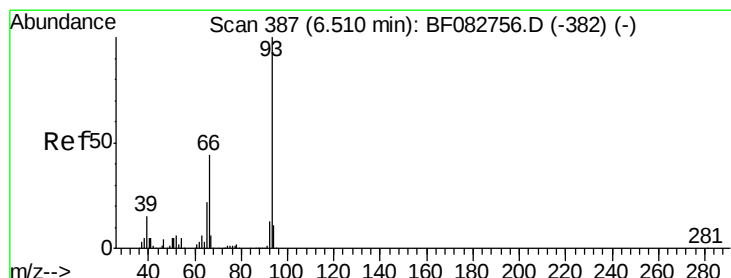
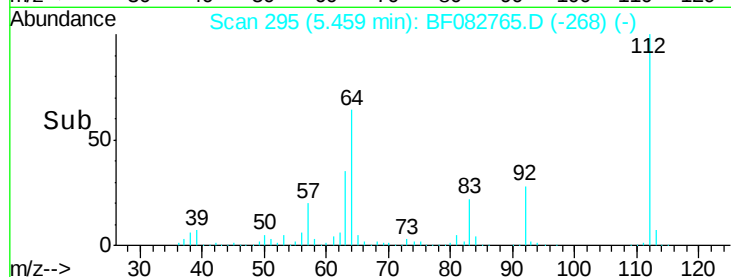
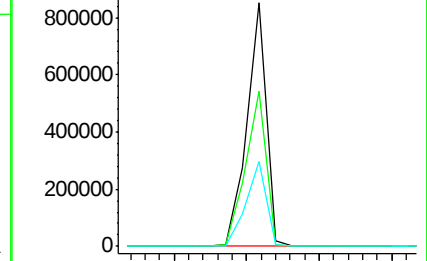
Tgt Ion:	112	Resp:	792985
Ion	Ratio	Lower	Upper
112	100		
64	64.0	48.9	73.3
63	34.7	28.1	42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.38 ng

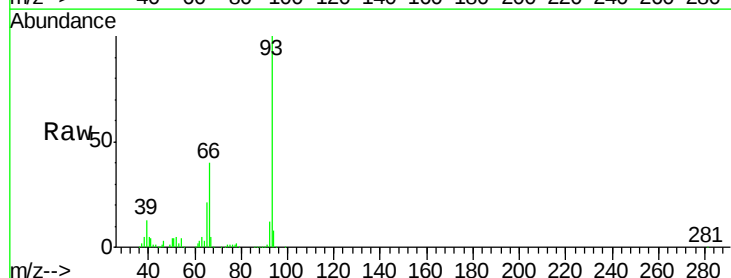
RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

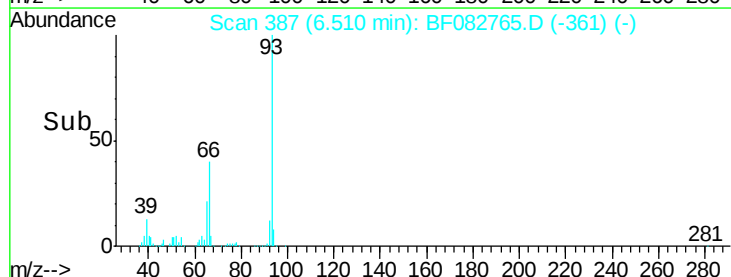
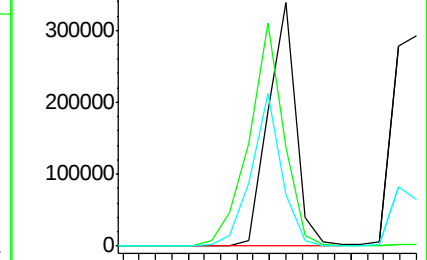
Tgt Ion:	93	Resp:	400772
Ion	Ratio	Lower	Upper
93	100		
66	40.5	33.6	50.4
65	21.0	18.1	27.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.07 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

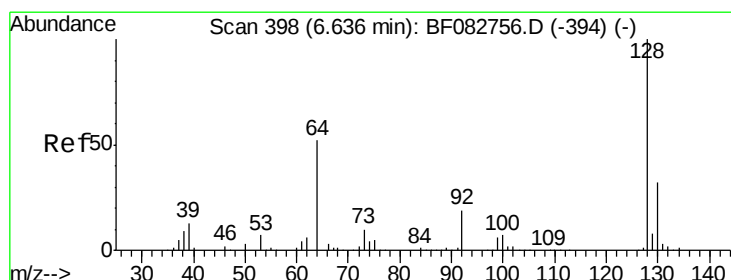
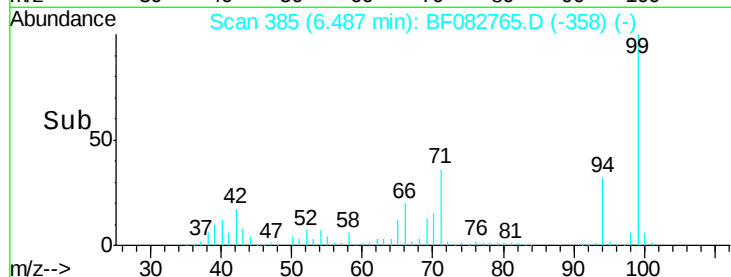
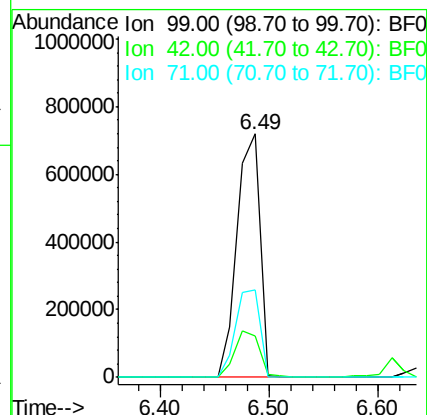
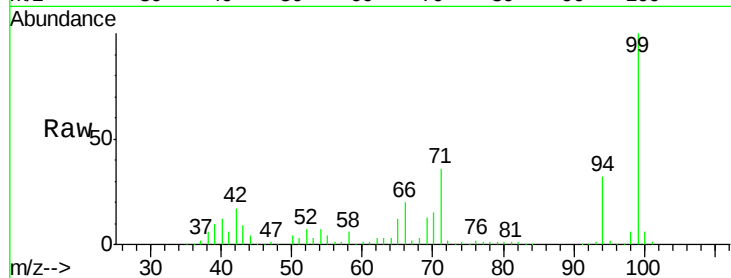
BNA_F

ClientSampleId :

PB86450BSD

Tgt Ion: 99 Resp: 1037525

Ion	Ratio	Lower	Upper
99	100		
42	16.8	19.2	28.8#
71	35.7	35.0	52.4



#8

2-Chlorophenol

Concen: 35.86 ng

RT: 6.64 min Scan# 398

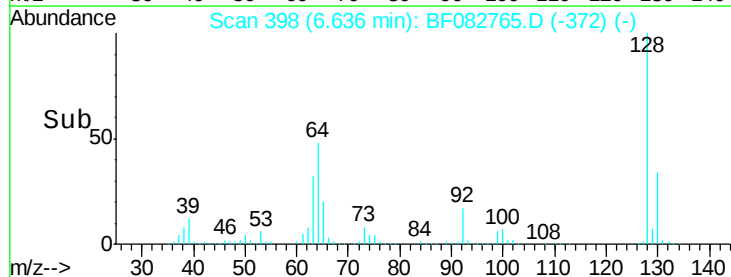
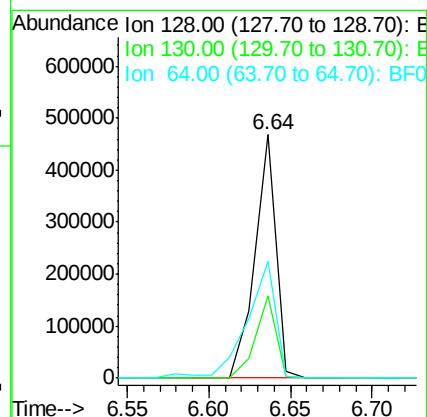
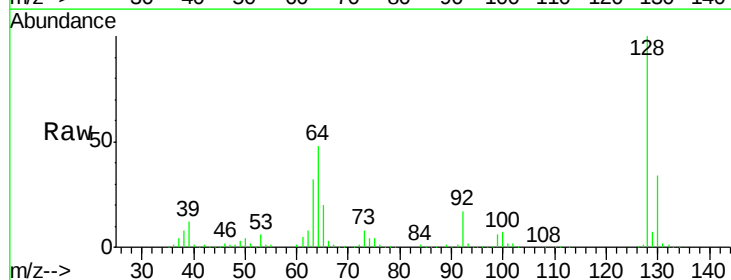
Delta R.T. 0.00 min

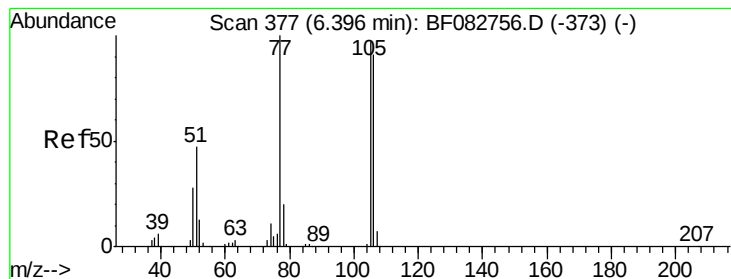
Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion: 128 Resp: 418880

Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.5	53.5
64	47.9	21.1	61.1





#9

Benzaldehyde

Concen: 5.99 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

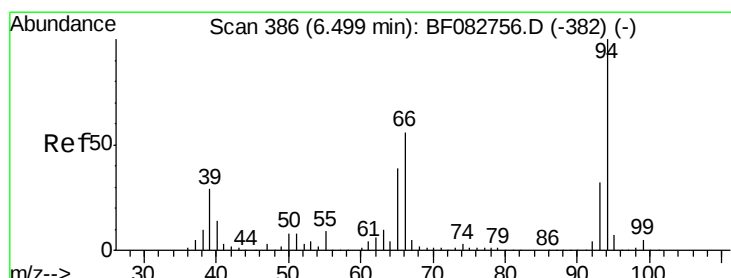
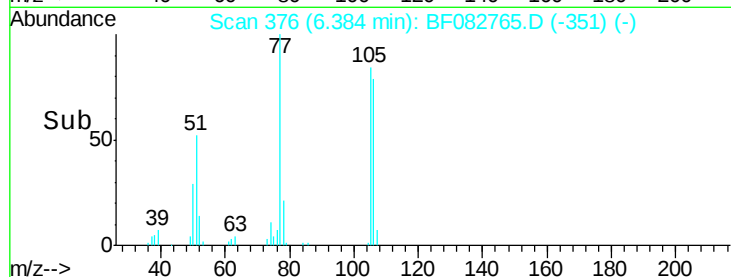
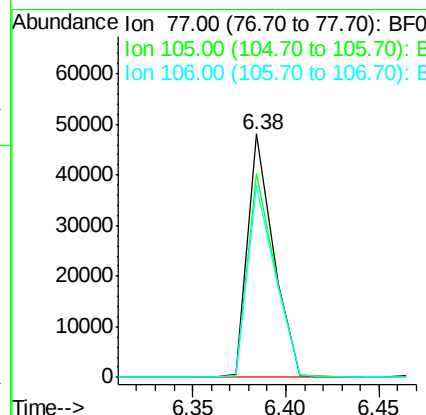
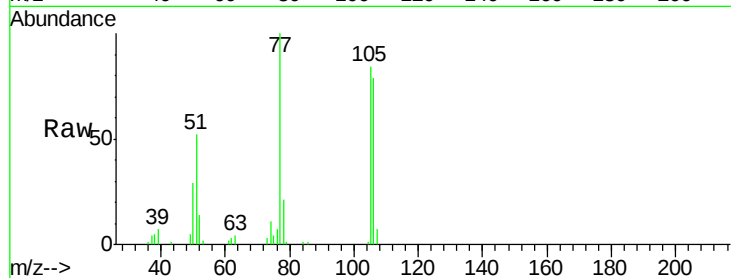
Tgt Ion: 77 Resp: 46377

Ion Ratio Lower Upper

77 100

105 83.8 63.5 103.5

106 79.2 59.3 99.3



#10

Phenol

Concen: 37.46 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

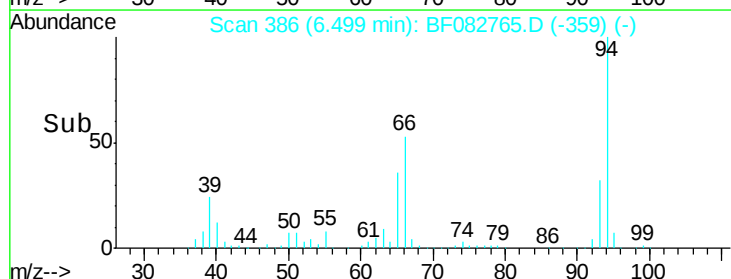
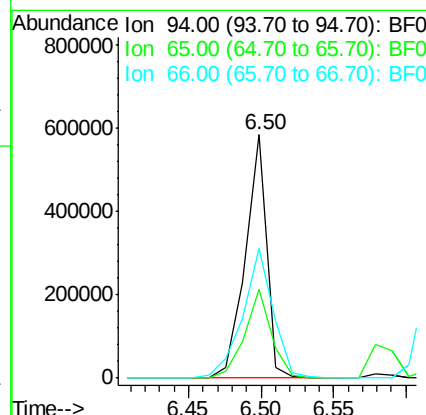
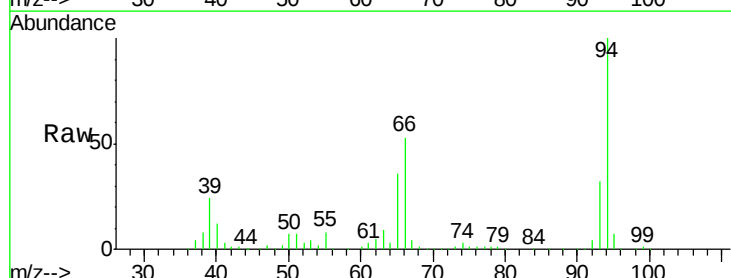
Tgt Ion: 94 Resp: 595311

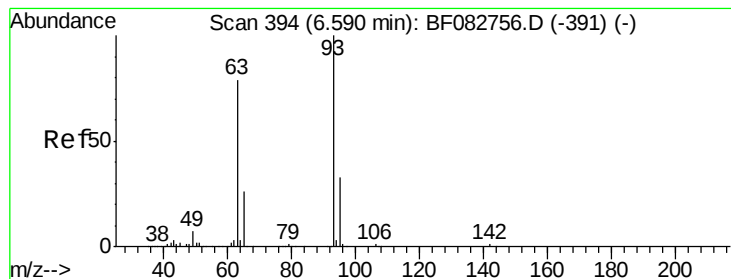
Ion Ratio Lower Upper

94 100

65 36.4 18.9 58.9

66 53.1 34.9 74.9

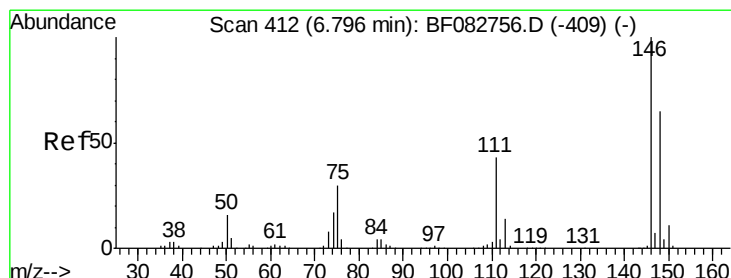
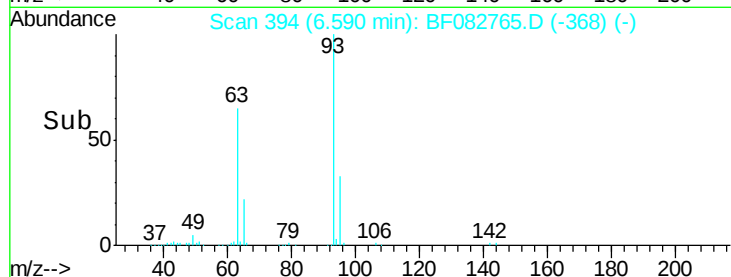
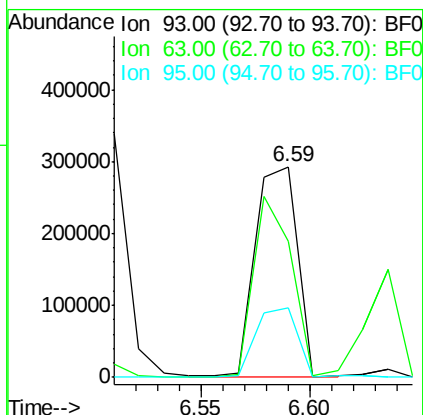
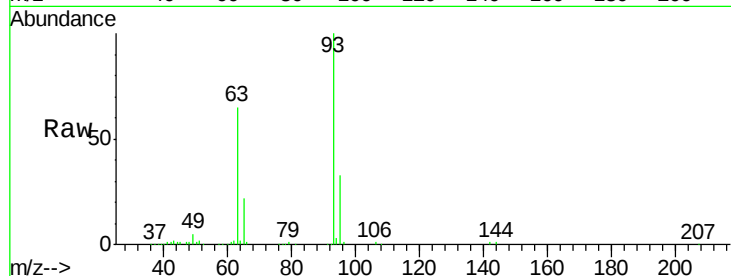




#11
bis(2-Chloroethyl)ether
Concen: 33.57 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

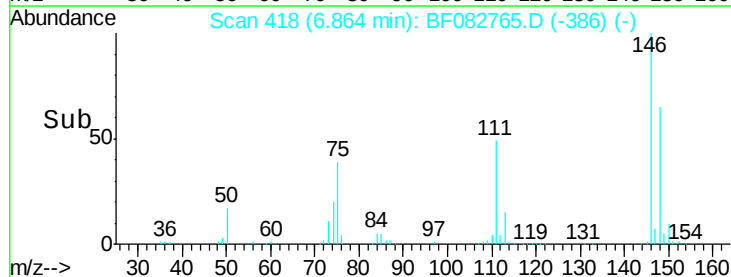
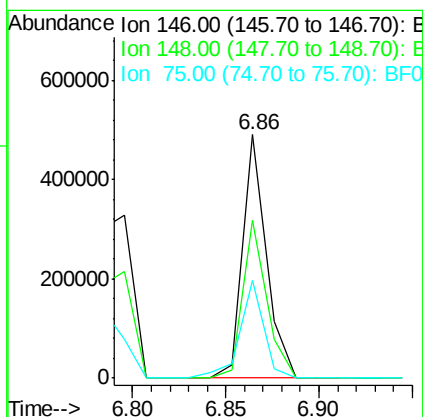
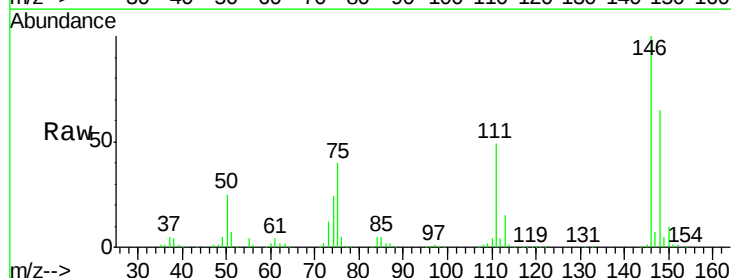
Instrument :
BNA_F
ClientSampleId :
PB86450BSD

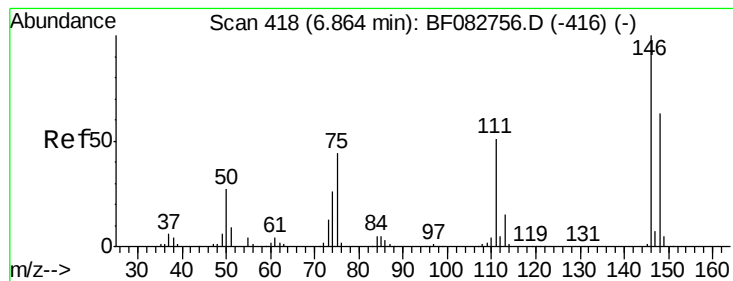
Tgt Ion: 93 Resp: 399040
Ion Ratio Lower Upper
93 100
63 64.6 72.7 112.7#
95 32.9 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 32.92 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.07 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion: 146 Resp: 433695
Ion Ratio Lower Upper
146 100
148 64.9 50.5 75.7
75 40.2 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 31.64 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

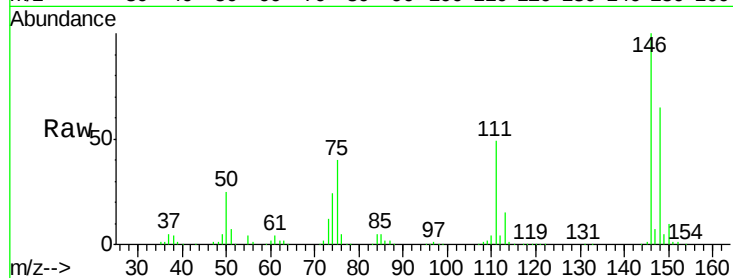
Tgt Ion:146 Resp: 433695

Ion Ratio Lower Upper

146 100

148 64.9 50.8 76.2

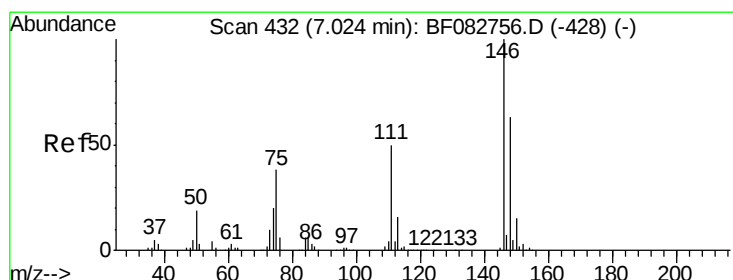
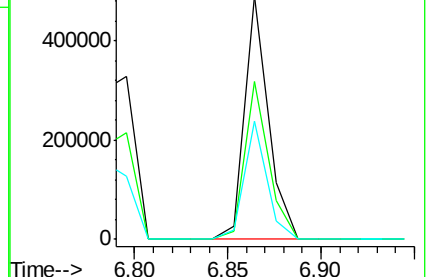
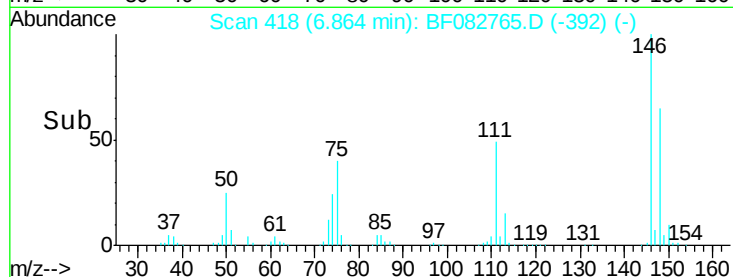
111 48.8 40.6 60.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.92 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

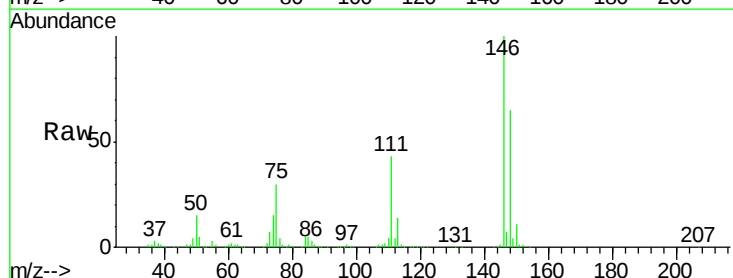
Tgt Ion:146 Resp: 447723

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.4

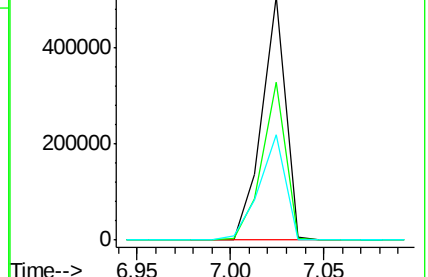
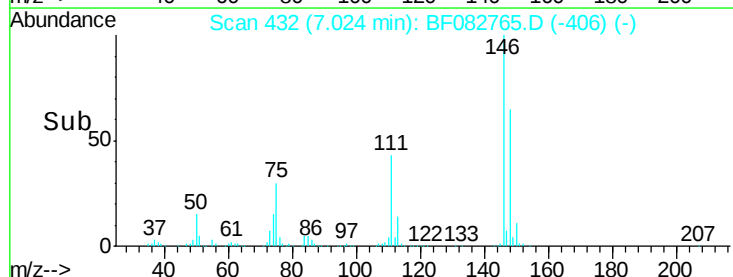
111 43.4 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.97 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

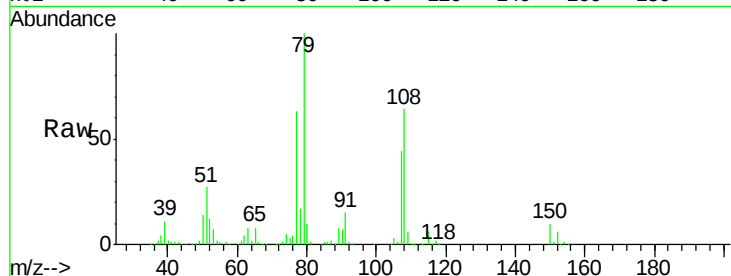
Tgt Ion: 79 Resp: 417931

Ion Ratio Lower Upper

79 100

108 64.3 52.2 78.4

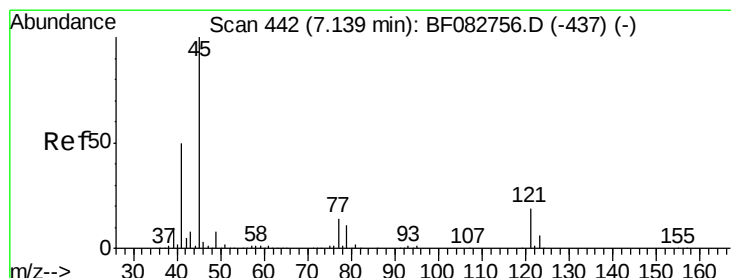
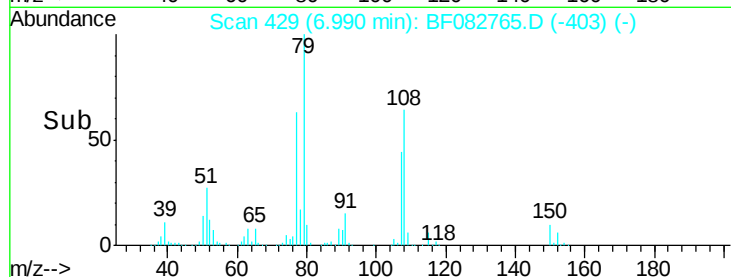
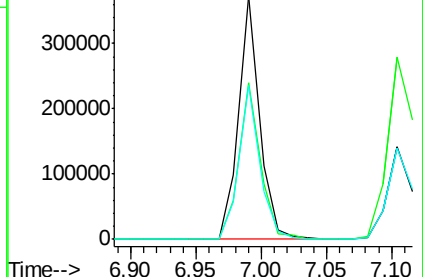
77 63.3 52.7 79.1



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: 36.09 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

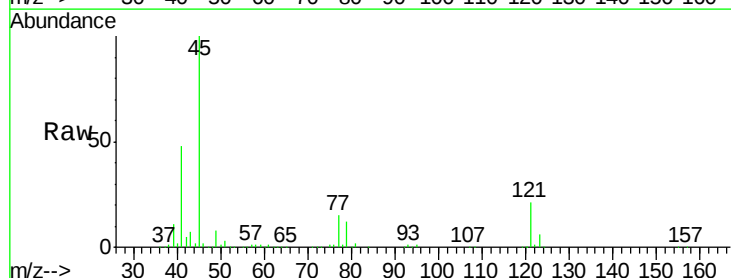
Tgt Ion: 45 Resp: 629248

Ion Ratio Lower Upper

45 100

77 14.9 0.0 32.6

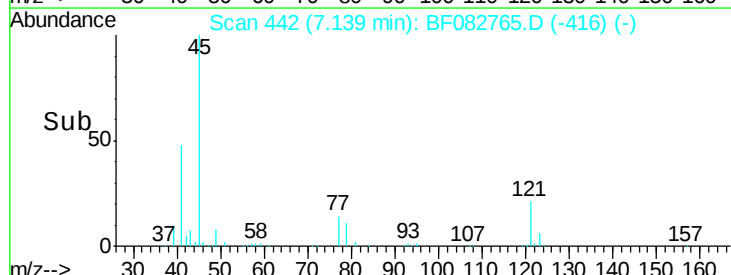
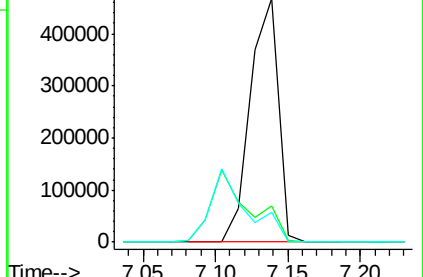
79 12.1 0.0 29.2

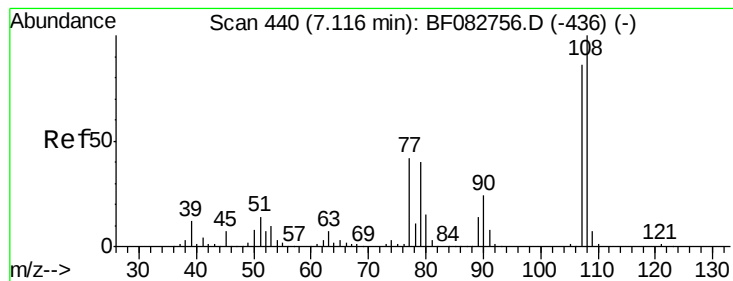


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 33.96 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

Tgt Ion:107 Resp: 336023

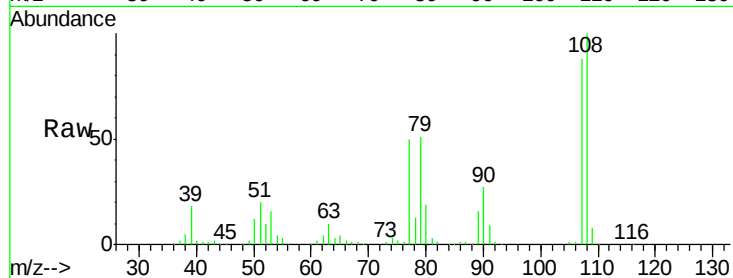
Ion Ratio Lower Upper

107 100

108 113.8 93.0 139.4

77 56.8 44.1 66.1

79 57.7 43.6 65.4

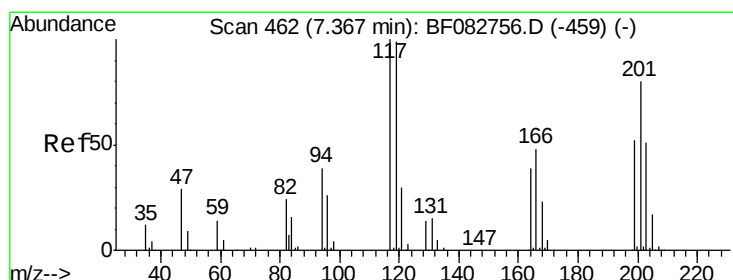
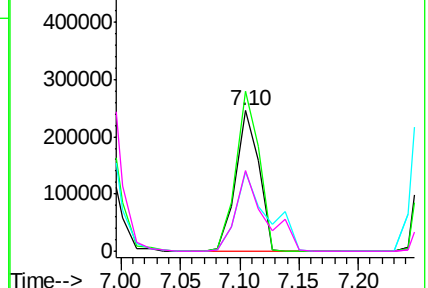
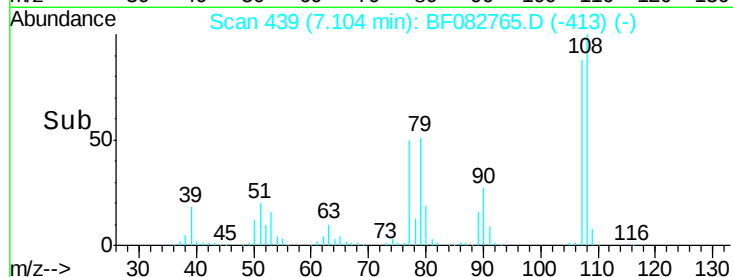


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.42 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

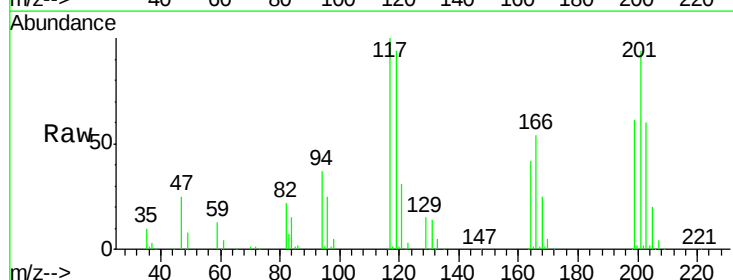
Tgt Ion:117 Resp: 168733

Ion Ratio Lower Upper

117 100

119 94.4 77.7 116.5

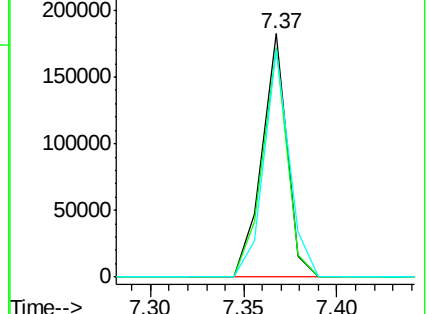
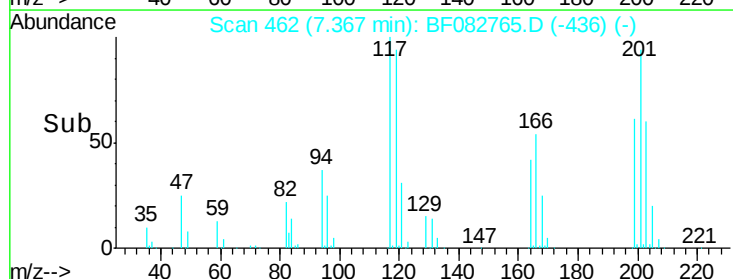
201 93.8 66.7 100.1

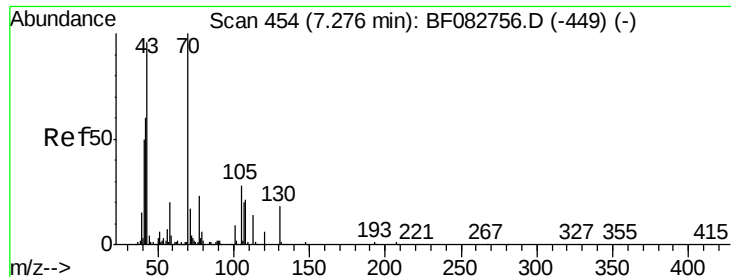


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

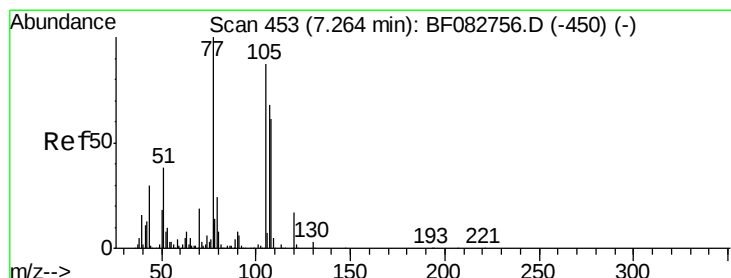
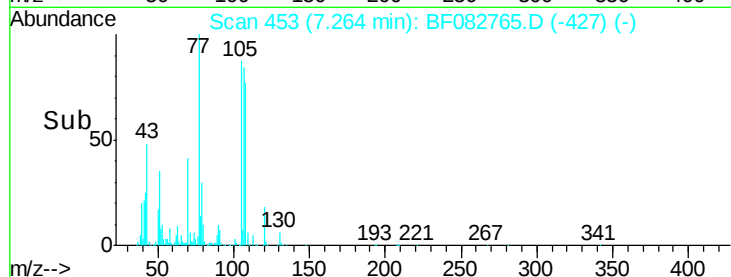
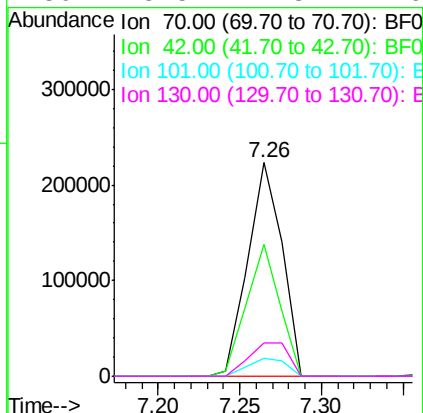
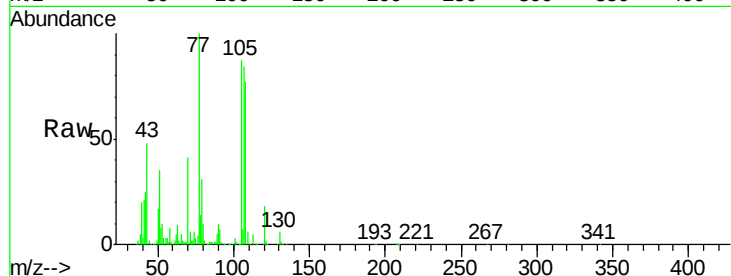




#19
n-Nitroso-di-n-propylamine
Concen: 31.45 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

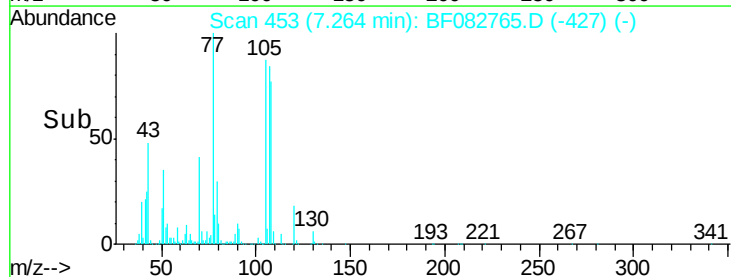
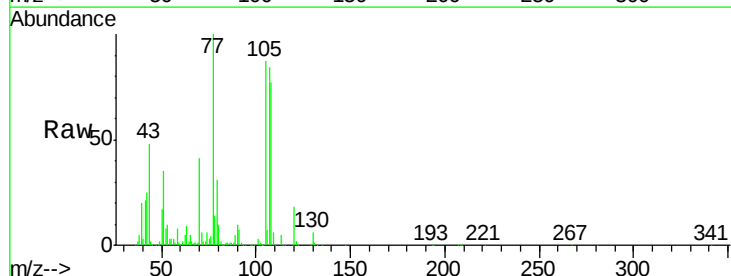
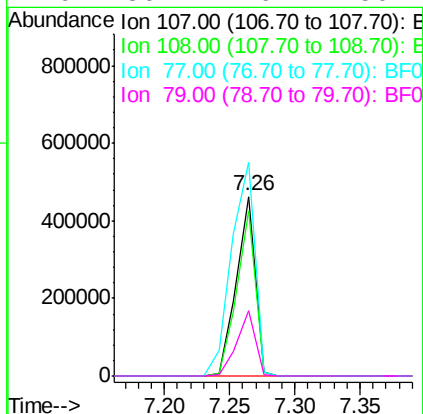
Instrument :
BNA_F
ClientSampleId :
PB86450BSD

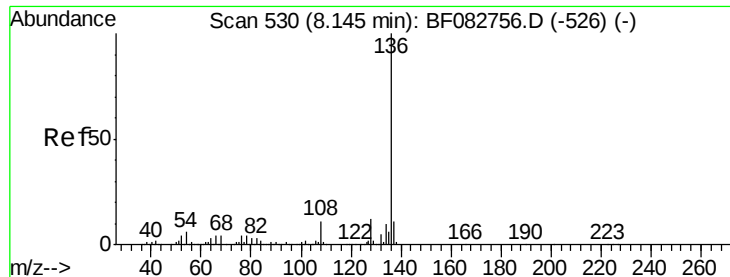
Tgt Ion: 70 Resp: 323854
Ion Ratio Lower Upper
70 100
42 62.0 57.7 86.5
101 8.4 7.0 10.6
130 15.5 11.8 17.6



#20
3+4-Methylphenols
Concen: 36.00 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion: 107 Resp: 463001
Ion Ratio Lower Upper
107 100
108 91.9 67.3 107.3
77 118.9 100.3 140.3
79 36.4 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

Tgt Ion:136 Resp: 610303

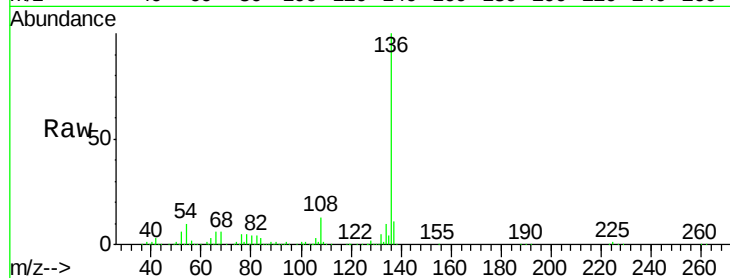
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.6 9.1 13.7

68 6.0 4.8 7.2

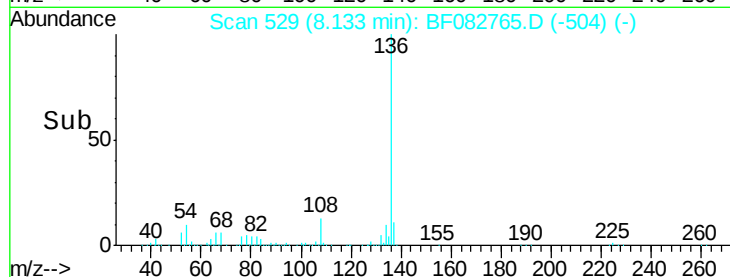


Abundance Ion 136.00 (135.70 to 136.70): E

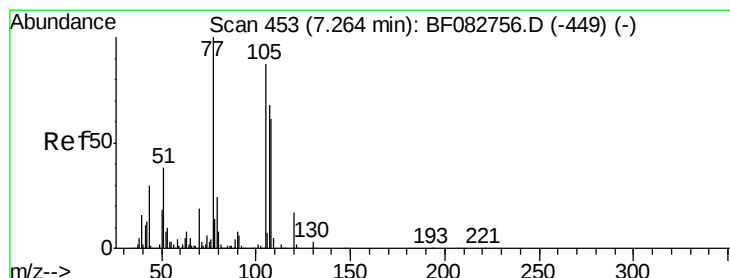
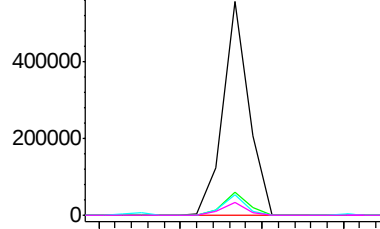
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 35.24 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion:105 Resp: 616308

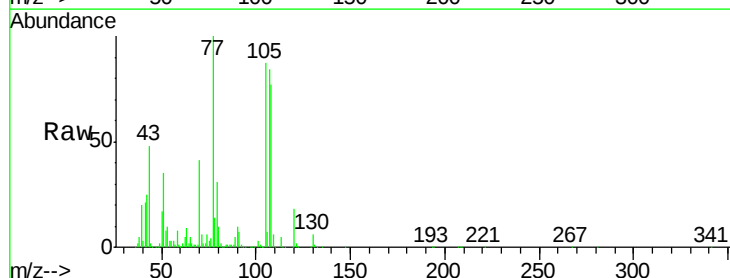
Ion Ratio Lower Upper

105 100

71 7.4 5.6 8.4

51 40.1 24.9 37.3#

120 20.8 15.8 23.8

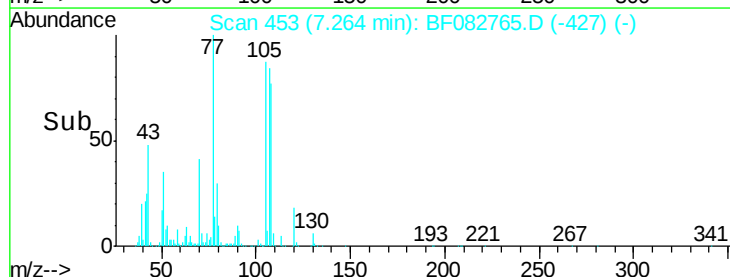


Abundance Ion 105.00 (104.70 to 105.70): E

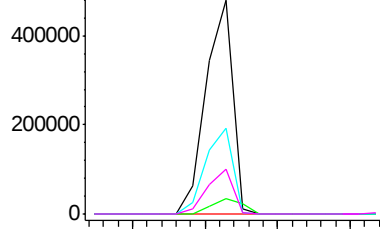
Ion 71.00 (70.70 to 71.70): BF0

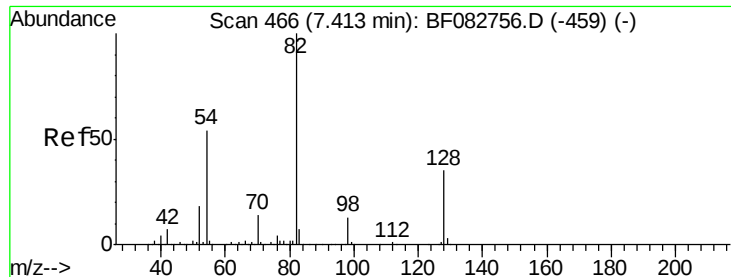
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

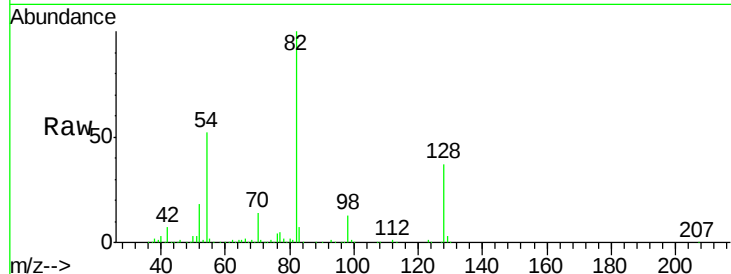




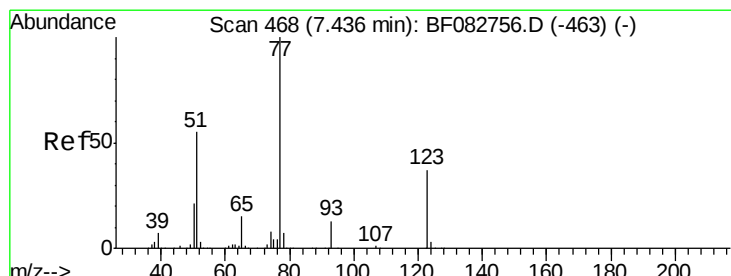
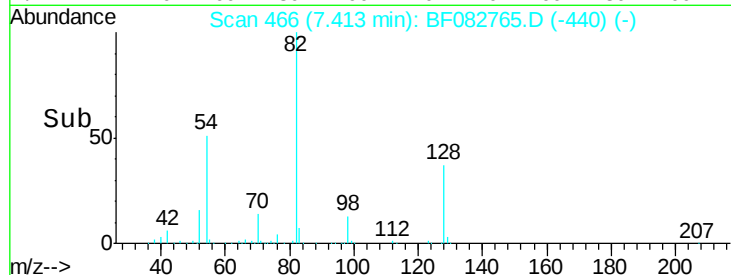
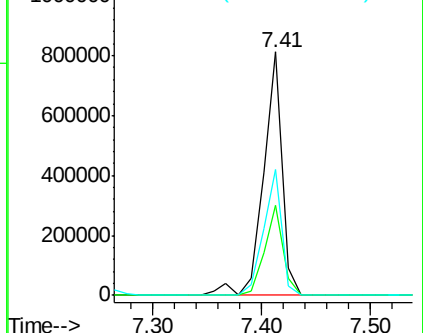
#23
 Nitrobenzene-d5
 Concen: 69.94 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tgt Ion: 82 Resp: 980989
 Ion Ratio Lower Upper
 82 100
 128 37.1 26.8 40.2
 54 51.7 45.7 68.5

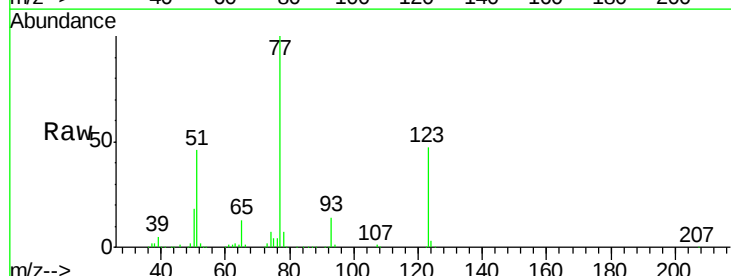


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

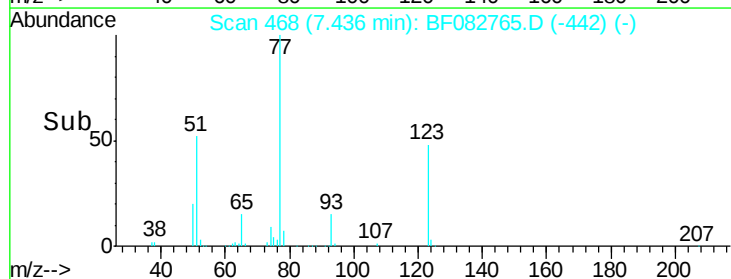
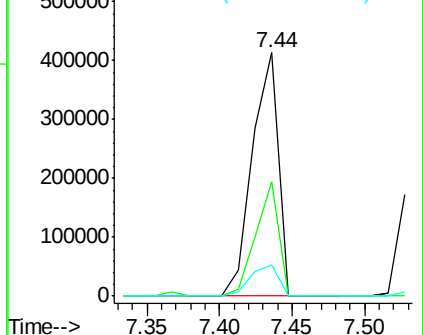


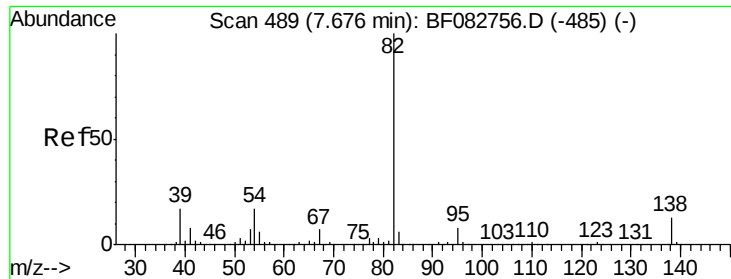
#24
 Nitrobenzene
 Concen: 35.76 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion: 77 Resp: 512956
 Ion Ratio Lower Upper
 77 100
 123 46.9 36.4 54.6
 65 12.8 11.5 17.3



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

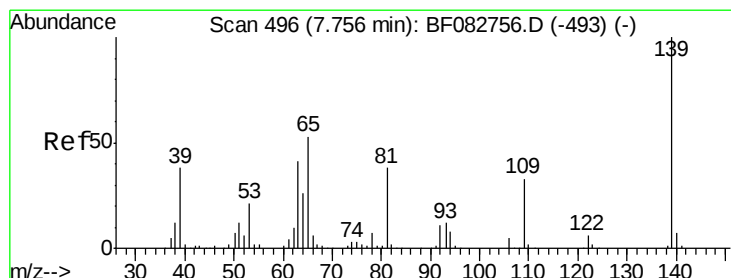
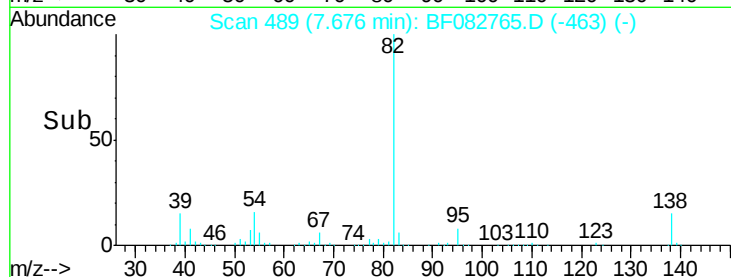
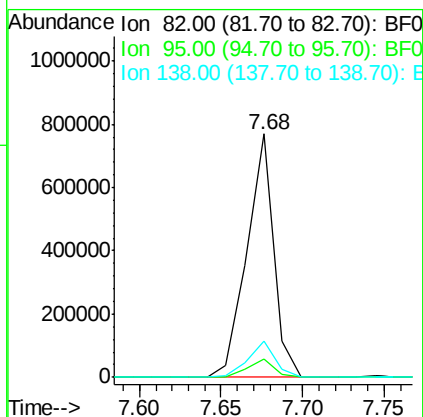
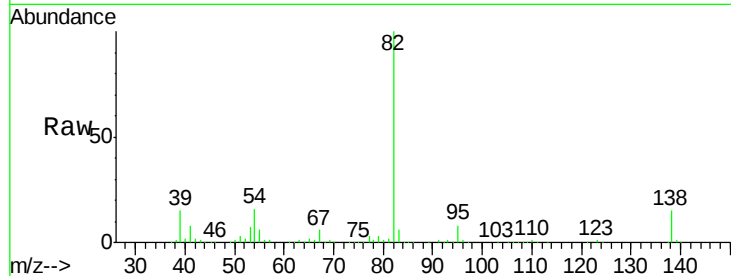




#25
Isophorone
Concen: 33.72 ng
RT: 7.68 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

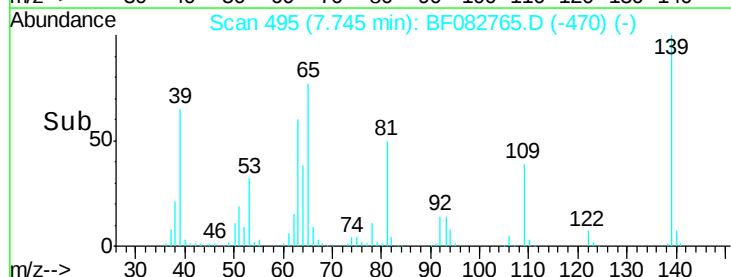
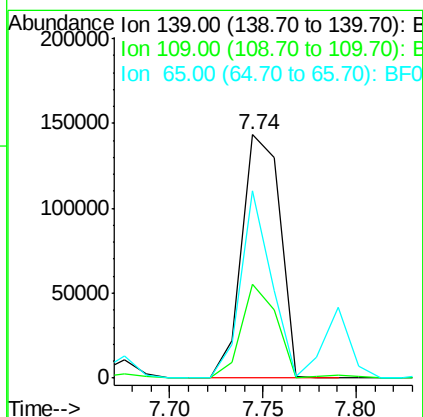
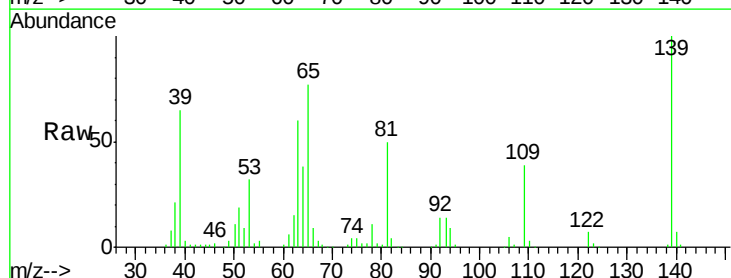
Instrument :
BNA_F
ClientSampleId :
PB86450BSD

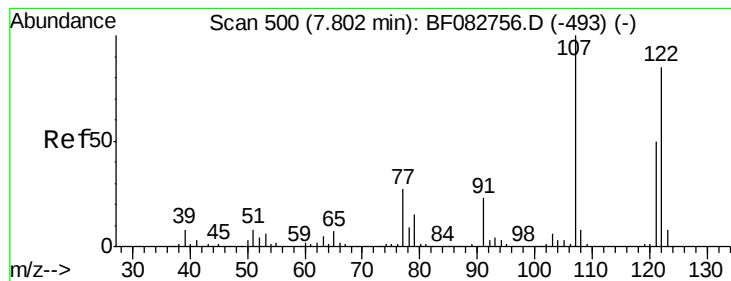
Tgt Ion: 82 Resp: 875013
Ion Ratio Lower Upper
82 100
95 7.8 6.6 9.8
138 14.8 11.4 17.0



#26
2-Nitrophenol
Concen: 33.90 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion: 139 Resp: 202986
Ion Ratio Lower Upper
139 100
109 38.6 37.6 56.4
65 76.7 70.6 105.8





#27

2,4-Dimethylphenol

Concen: 33.75 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

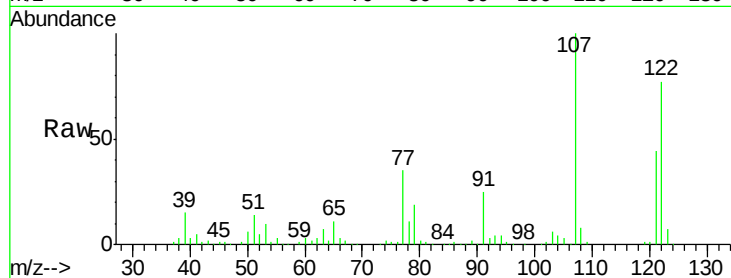
Tgt Ion:122 Resp: 363026

Ion Ratio Lower Upper

122 100

107 130.6 106.0 159.0

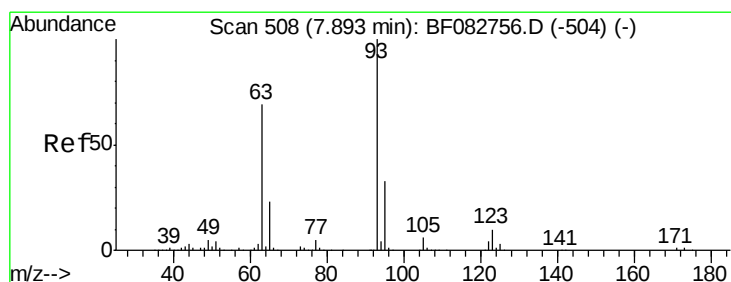
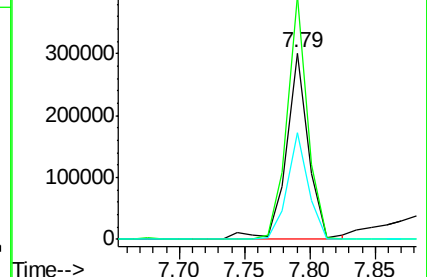
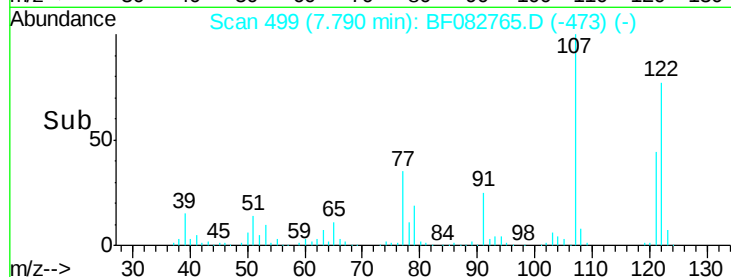
121 57.3 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.37 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

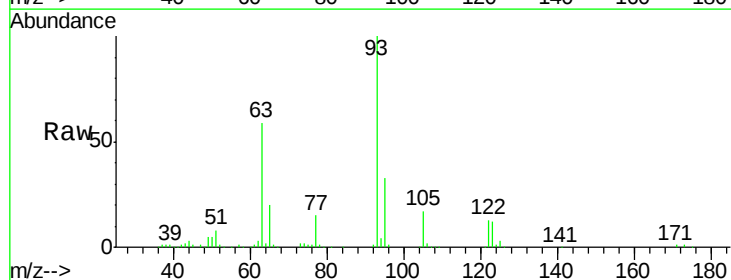
Tgt Ion: 93 Resp: 517788

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

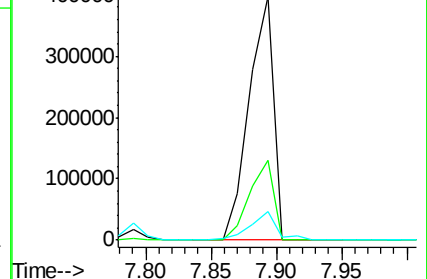
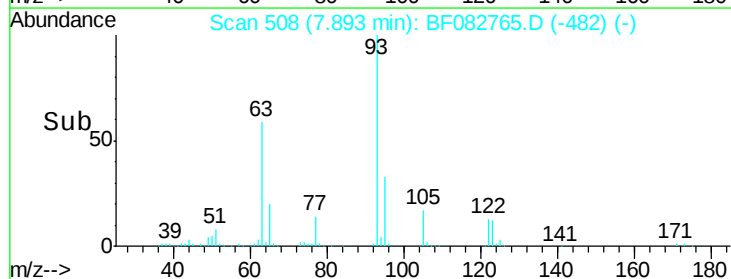
123 11.8 9.7 14.5

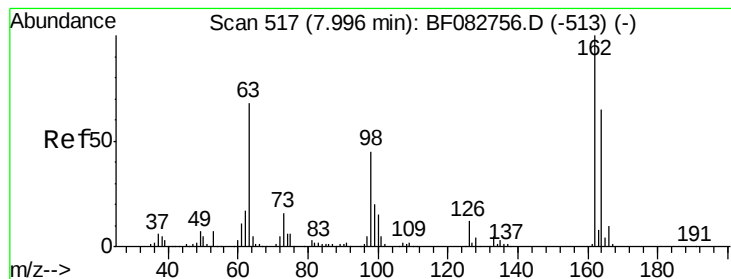


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.35 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

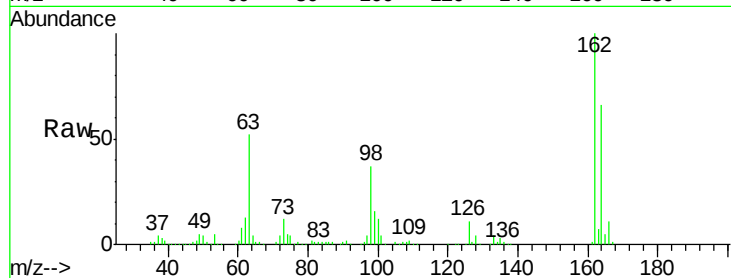
Tgt Ion:162 Resp: 382612

Ion Ratio Lower Upper

162 100

164 66.1 46.8 86.8

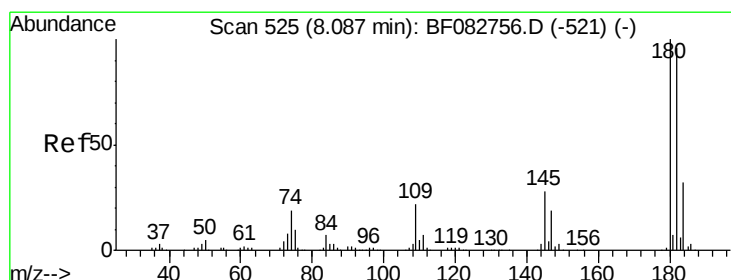
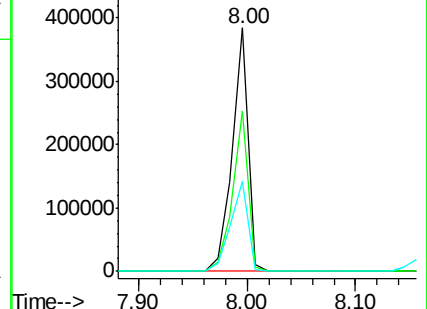
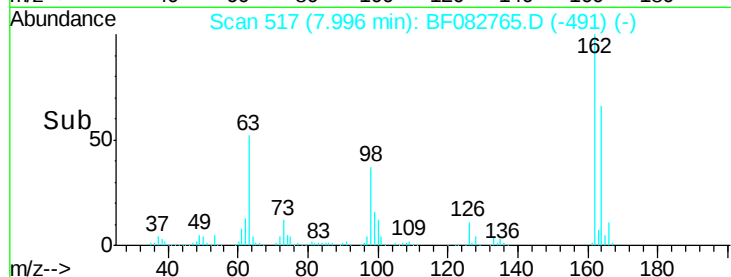
98 37.1 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 34.54 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

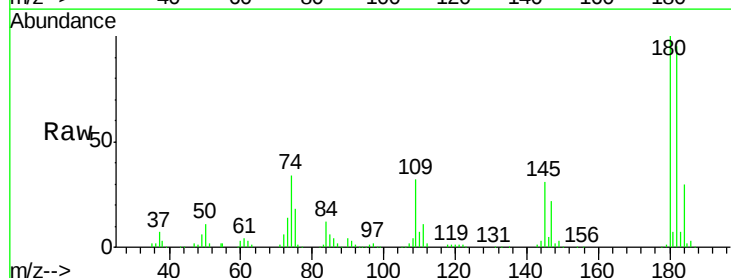
Tgt Ion:180 Resp: 377692

Ion Ratio Lower Upper

180 100

182 94.8 74.9 112.3

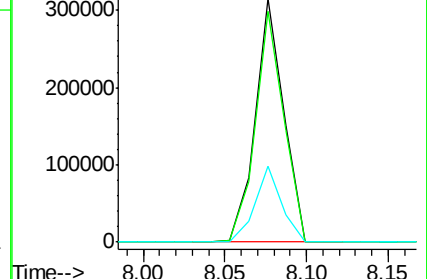
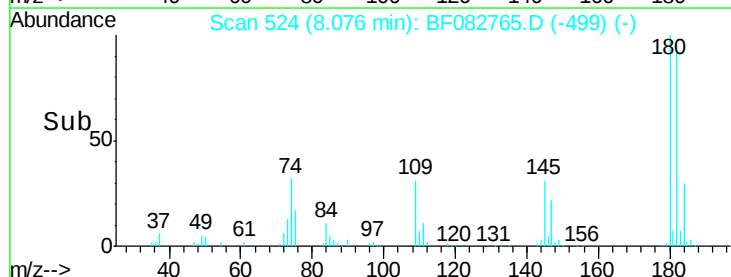
145 31.4 27.8 41.8

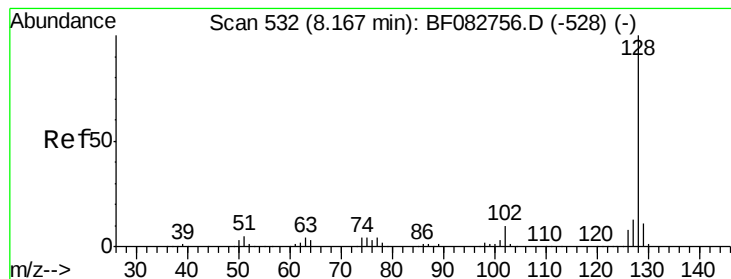


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.86 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

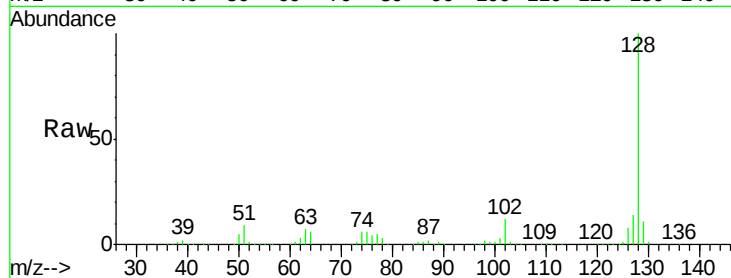
Tgt Ion:128 Resp: 1106603

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

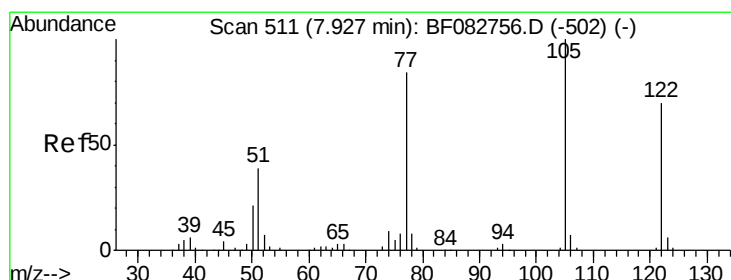
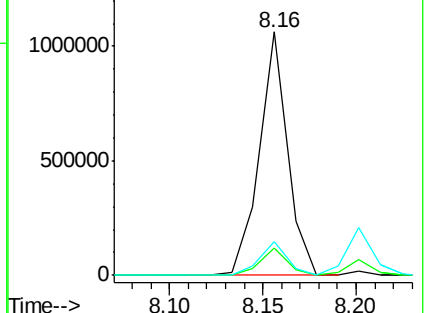
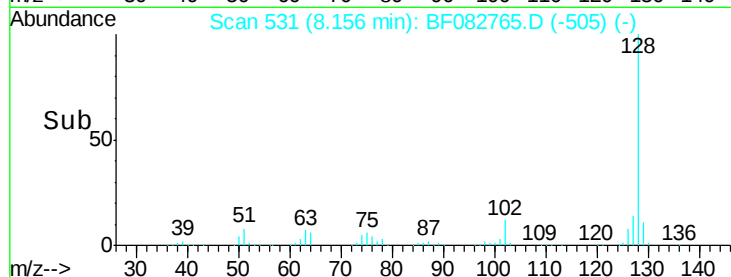
127 13.7 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.71 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

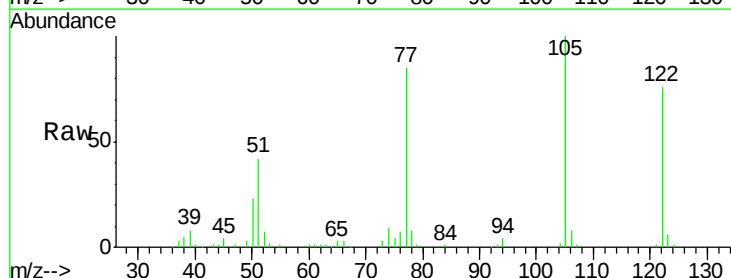
Tgt Ion:122 Resp: 233575

Ion Ratio Lower Upper

122 100

105 130.9 122.6 162.6

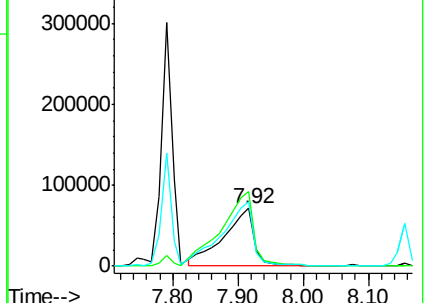
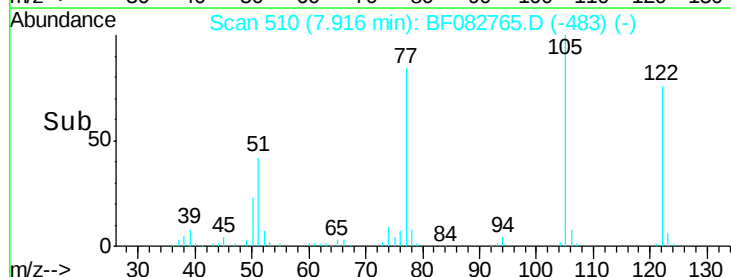
77 111.8 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

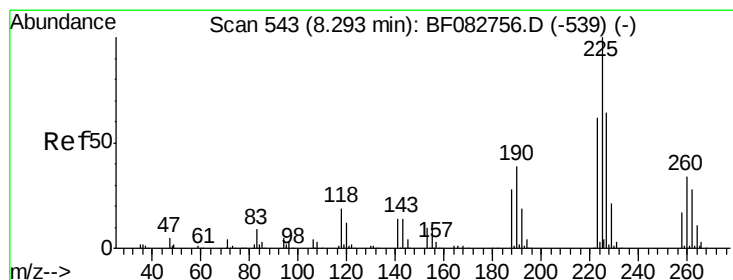
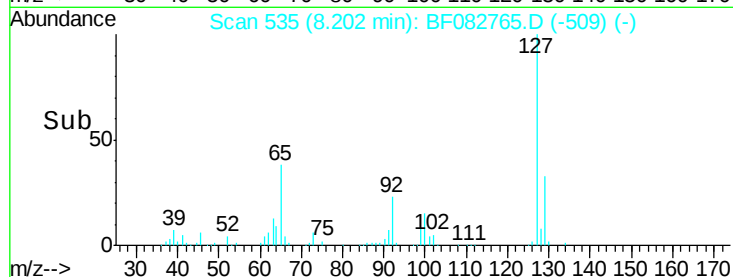
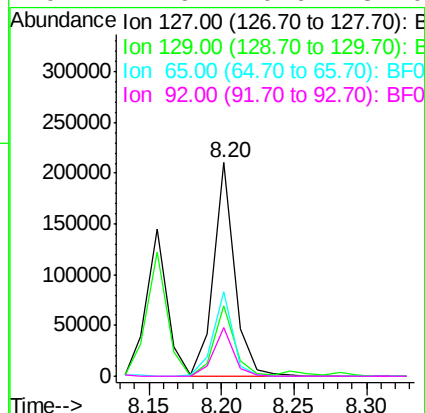
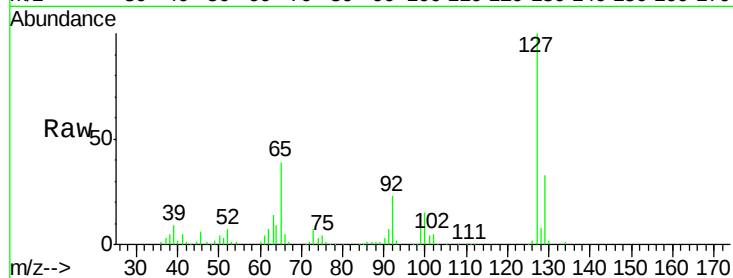




#33
4-Chloroaniline
Concen: 14.65 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

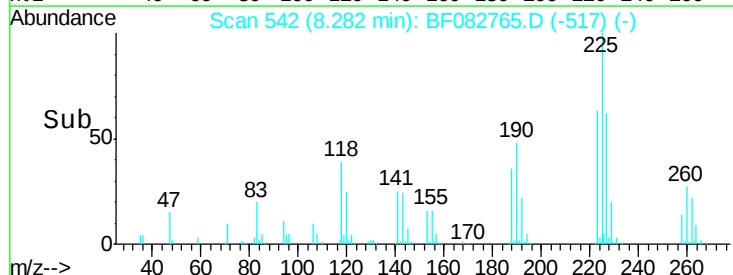
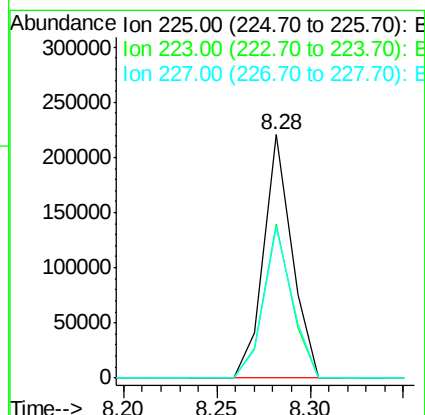
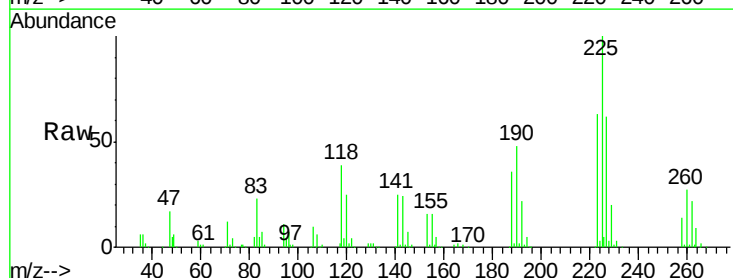
Instrument :
BNA_F
ClientSampleId :
PB86450BSD

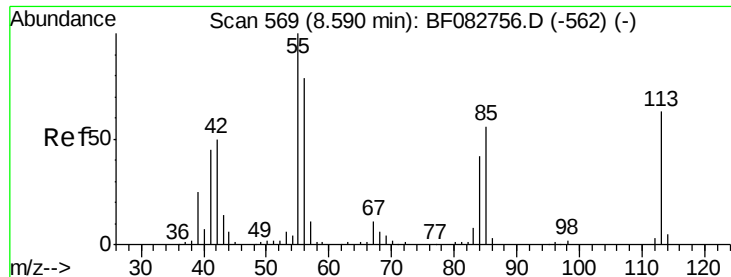
Tgt Ion:	127	Resp:	212631
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	39.3	37.8	56.8
92	22.6	20.6	31.0



#34
Hexachlorobutadiene
Concen: 33.93 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion:	225	Resp:	232195
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.5	75.7
227	62.0	50.2	75.2

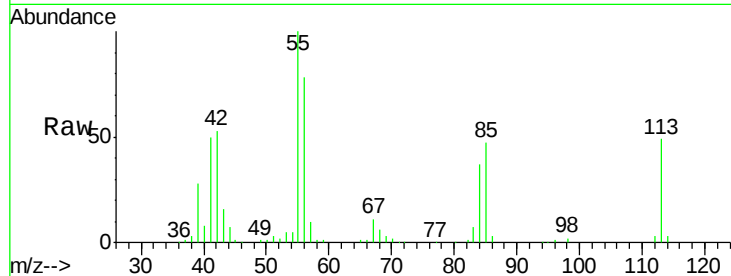




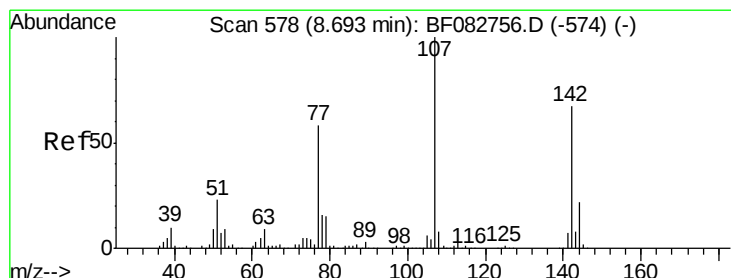
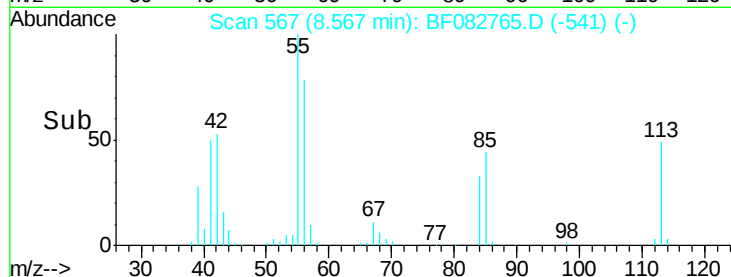
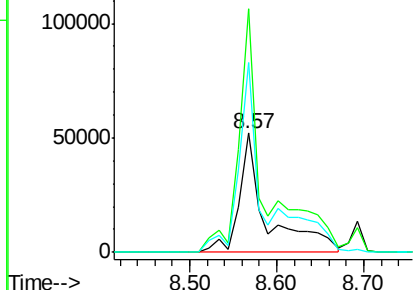
#35
 Caprolactam
 Concen: 36.90 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tgt Ion:113 Resp: 113091
 Ion Ratio Lower Upper
 113 100
 55 204.5 195.5 235.5
 56 159.0 153.5 193.5

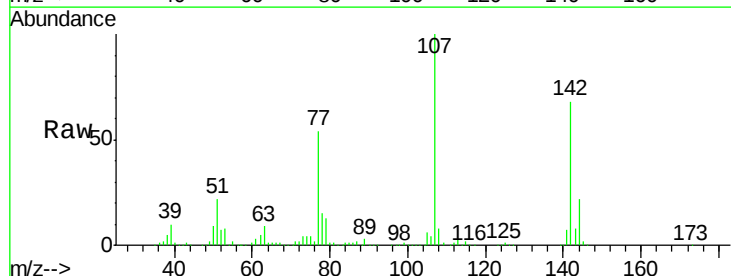


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

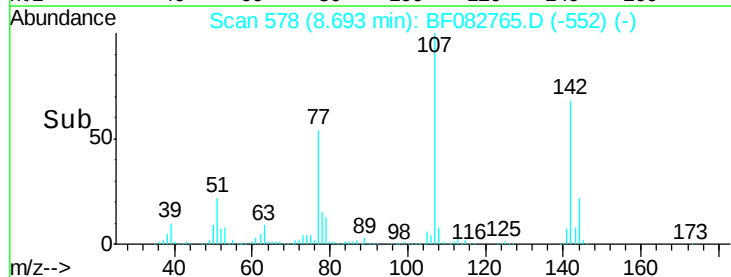
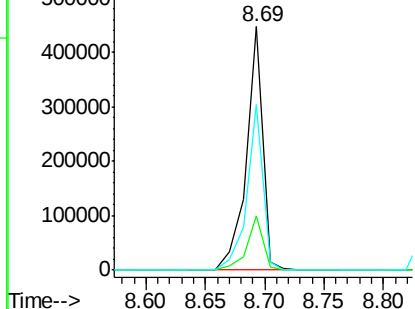


#36
 4-Chloro-3-methylphenol
 Concen: 37.85 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion:107 Resp: 432749
 Ion Ratio Lower Upper
 107 100
 144 22.1 15.4 23.0
 142 68.2 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

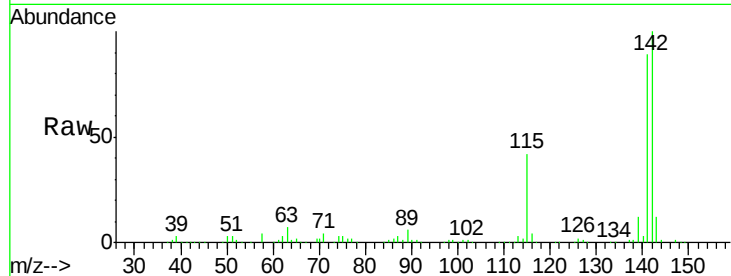




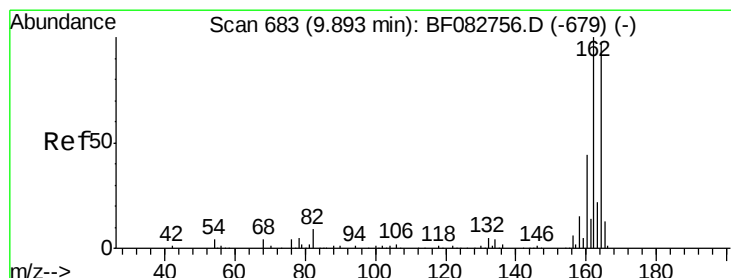
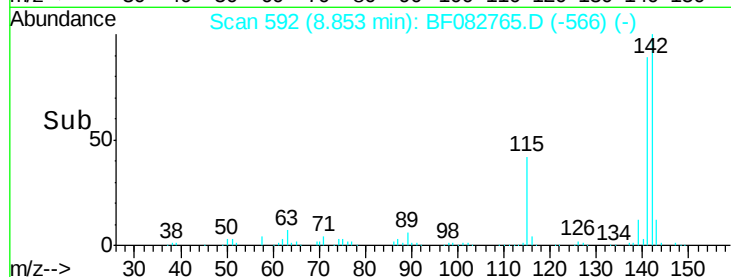
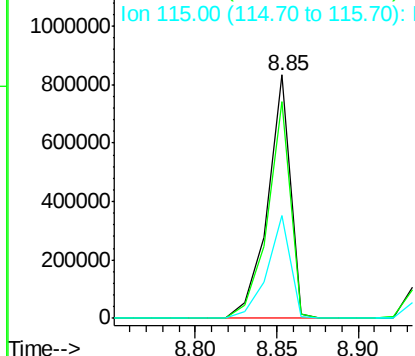
#37
2-Methylnaphthalene
Concen: 37.16 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tgt Ion:142 Resp: 809444
Ion Ratio Lower Upper
142 100
141 89.0 72.3 108.5
115 42.4 38.1 57.1

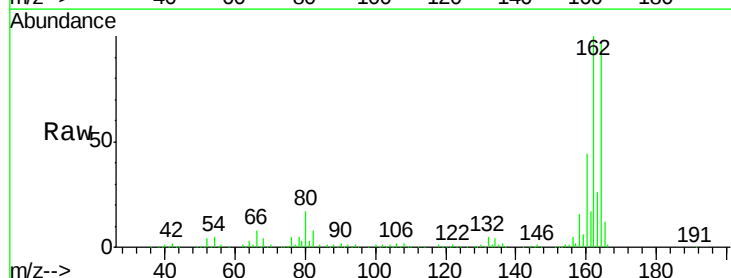


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

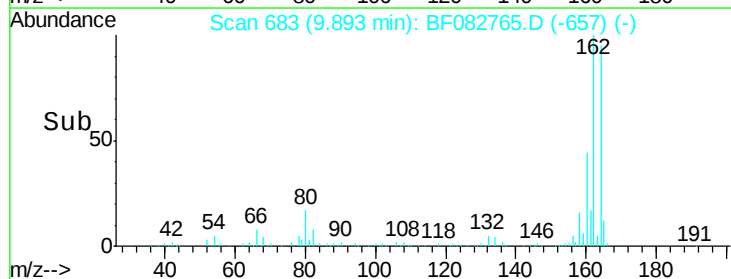
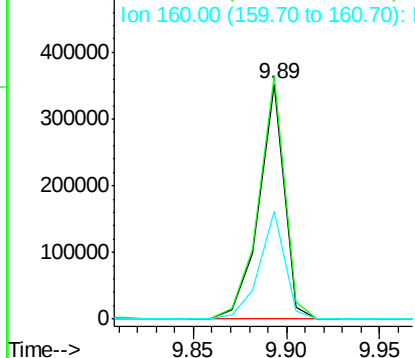


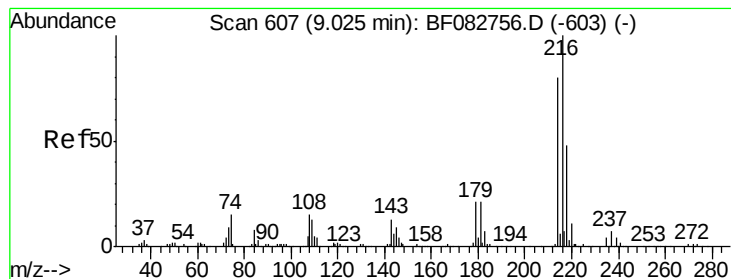
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion:164 Resp: 333008
Ion Ratio Lower Upper
164 100
162 103.5 84.9 127.3
160 45.8 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.21 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

Tgt Ion:216 Resp: 385330

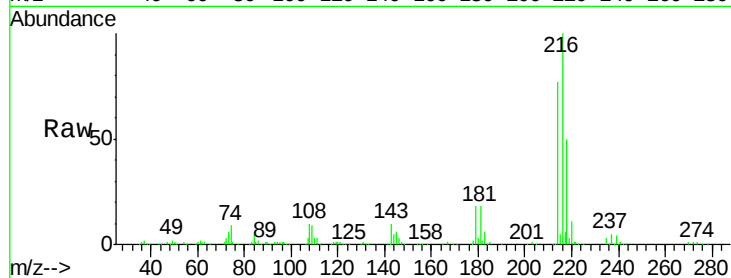
Ion Ratio Lower Upper

216 100

214 77.6 62.2 93.2

179 20.8 18.1 27.1

108 20.9 16.6 25.0

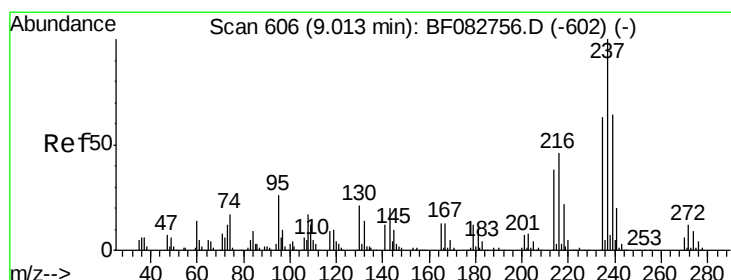
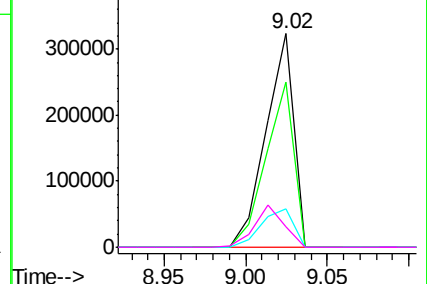
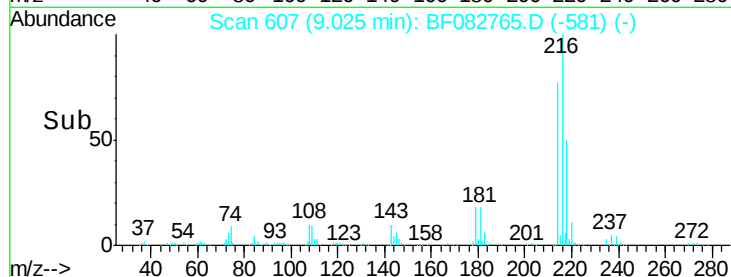


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.47 ng

RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

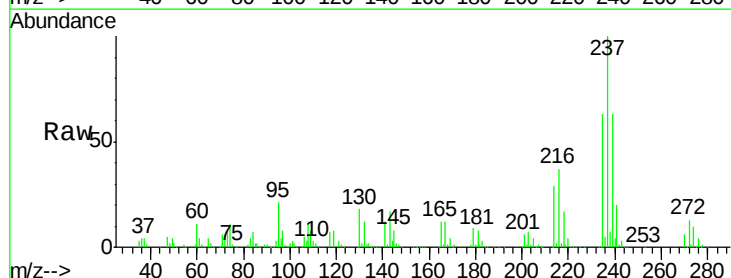
Tgt Ion:237 Resp: 490761

Ion Ratio Lower Upper

237 100

235 62.9 44.3 84.3

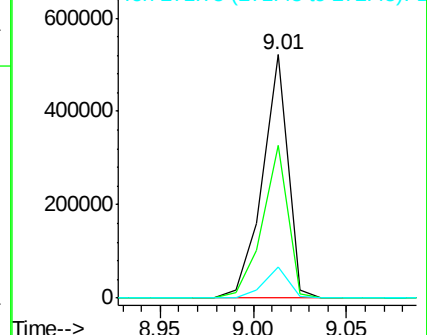
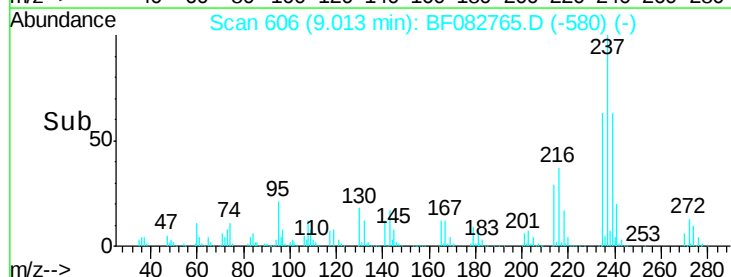
272 12.7 0.0 31.9

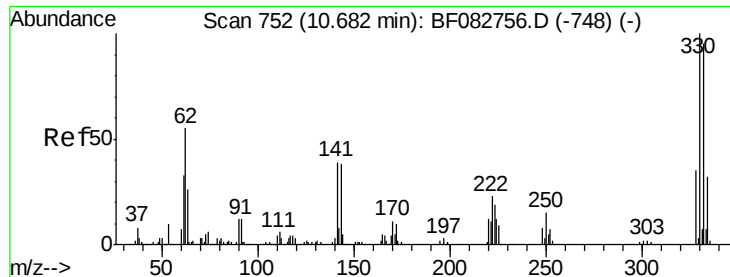


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

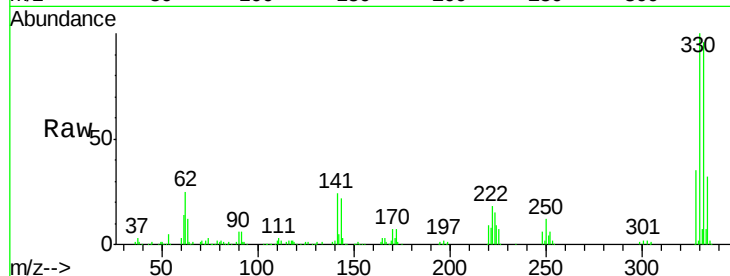




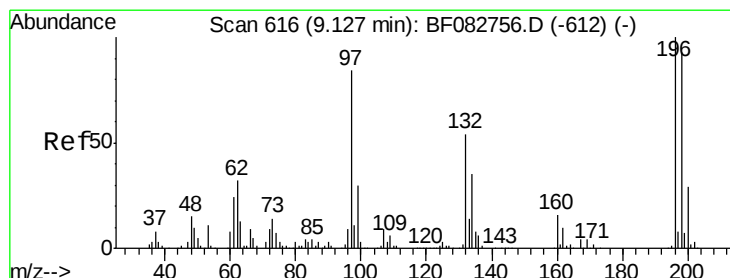
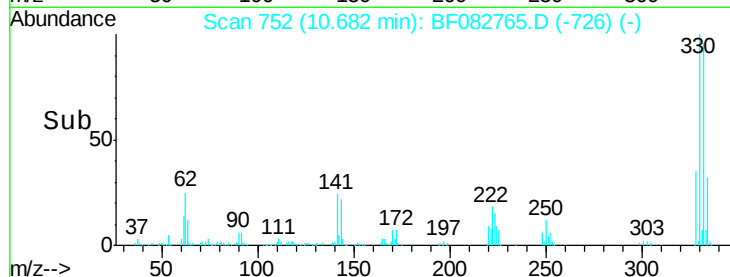
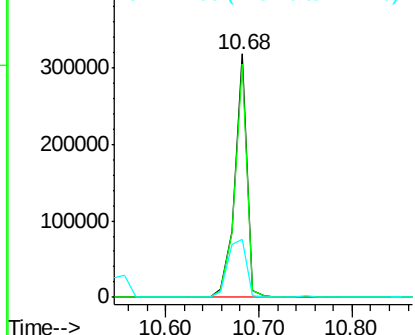
#41
 2,4,6-Tribromophenol
 Concen: 76.89 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tgt Ion:330 Resp: 293592
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 36.1 41.2 61.8#

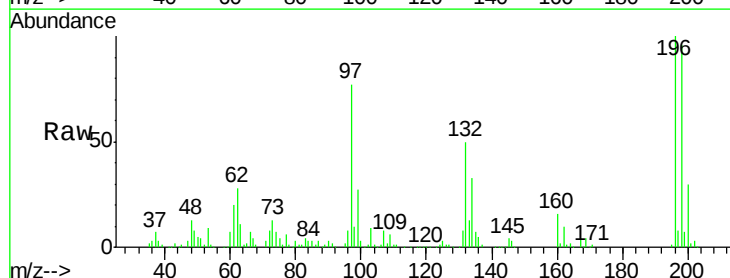


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

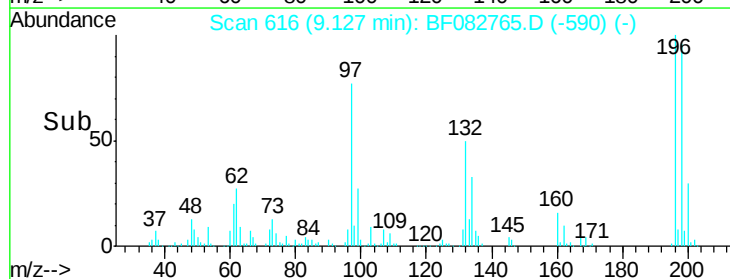
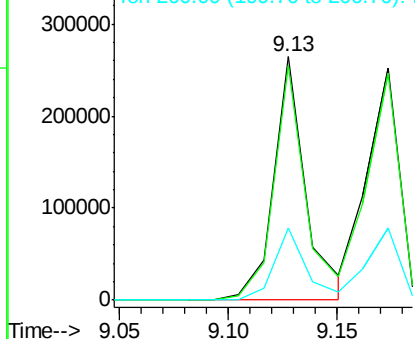


#42
 2,4,6-Trichlorophenol
 Concen: 33.50 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion:196 Resp: 273639
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.3 114.5
 200 29.8 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

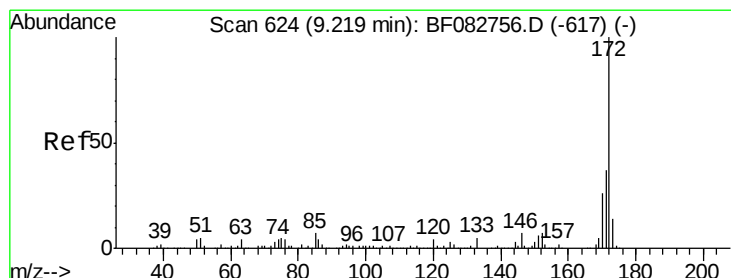
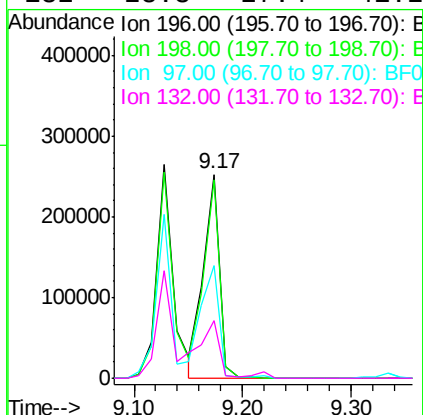
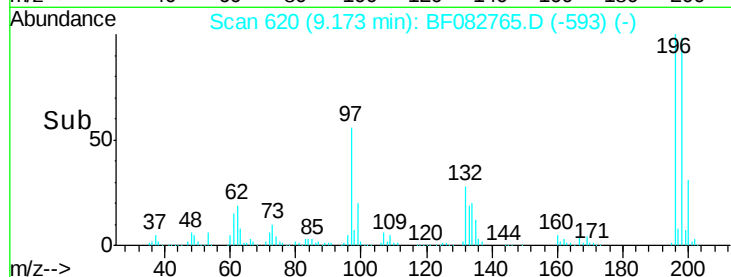
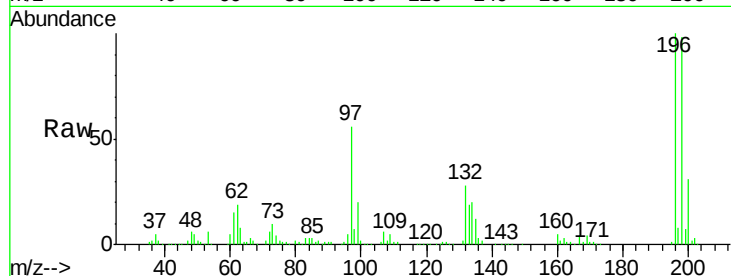




#43
 2,4,5-Trichlorophenol
 Concen: 32.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

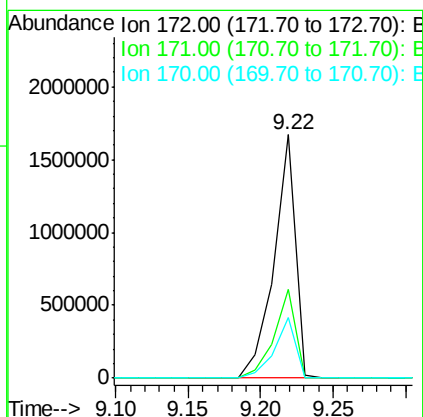
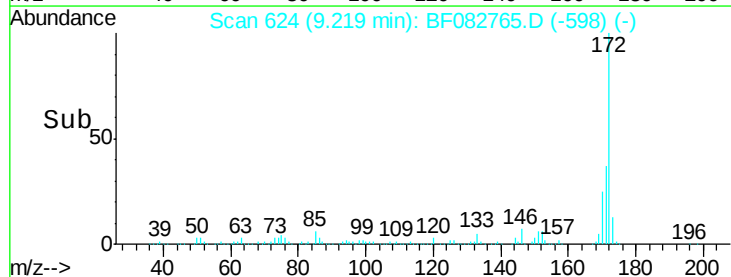
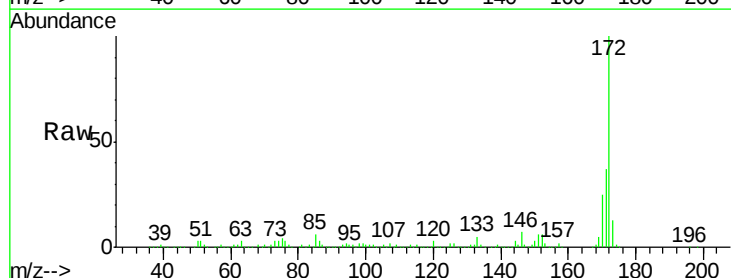
Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

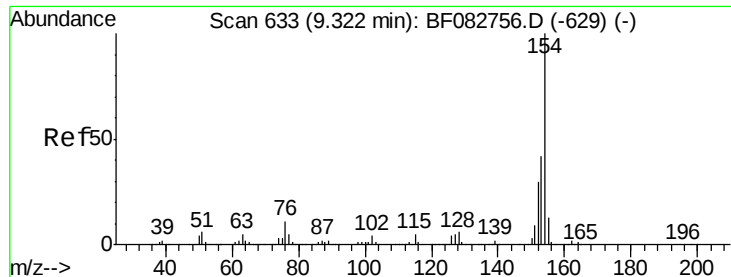
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	75.8	113.8
97	55.5	62.3	93.5
132	28.3	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 74.05 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	24.8	21.2	31.8

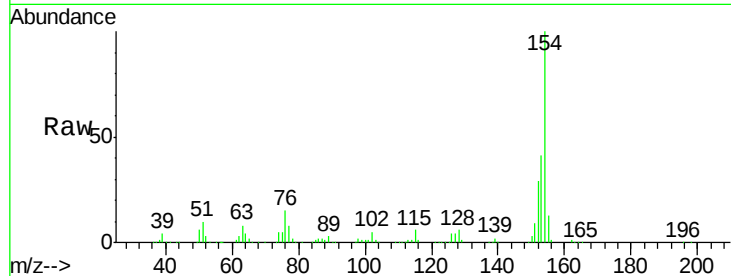




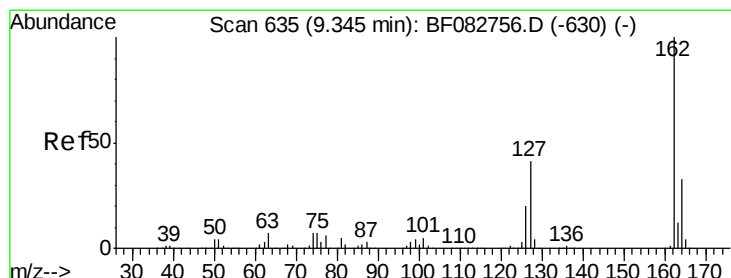
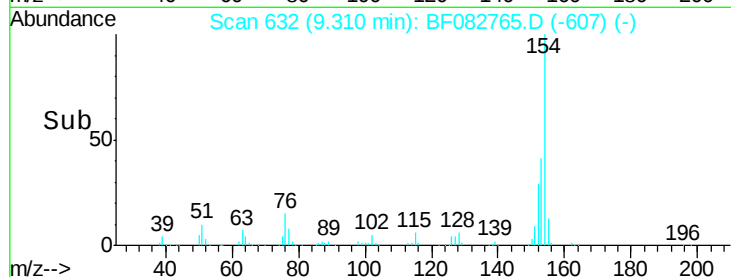
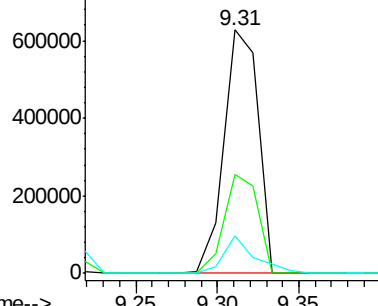
#45
 1,1'-Biphenyl
 Concen: 31.97 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tgt Ion:154 Resp: 913439
 Ion Ratio Lower Upper
 154 100
 153 40.6 22.0 62.0
 76 15.2 0.0 29.0

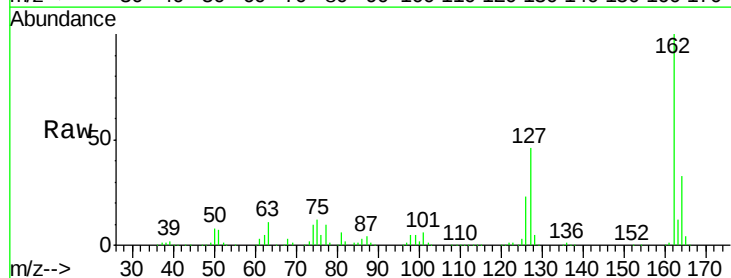


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

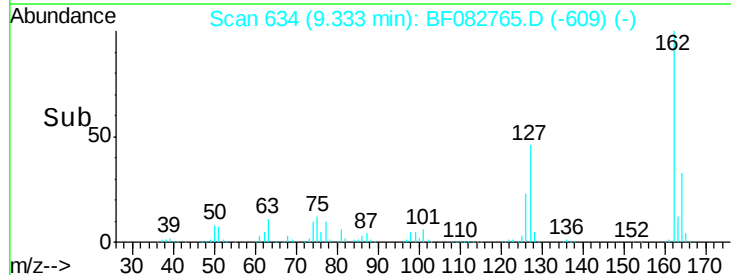
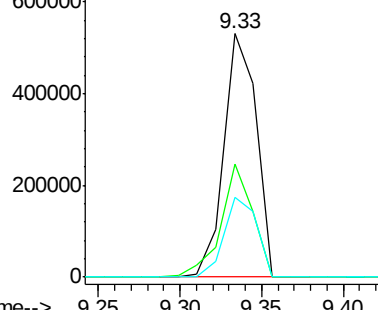


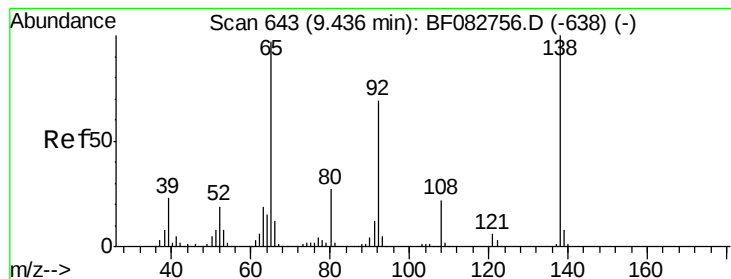
#46
 2-Chloronaphthalene
 Concen: 32.82 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion:162 Resp: 731497
 Ion Ratio Lower Upper
 162 100
 127 46.2 32.7 49.1
 164 32.5 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: 31.60 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

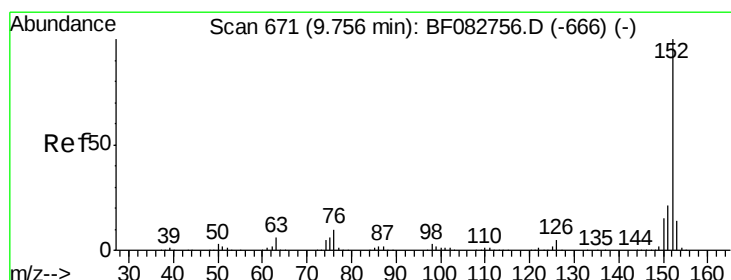
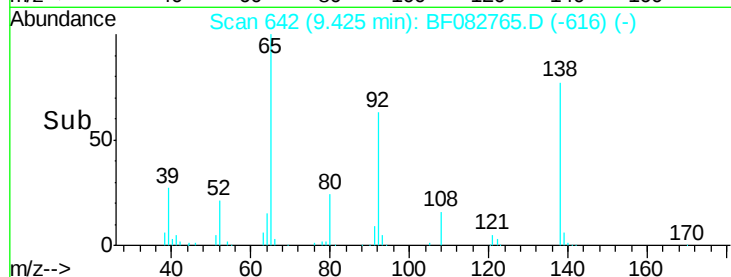
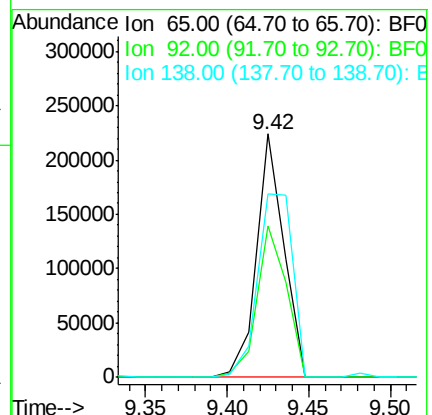
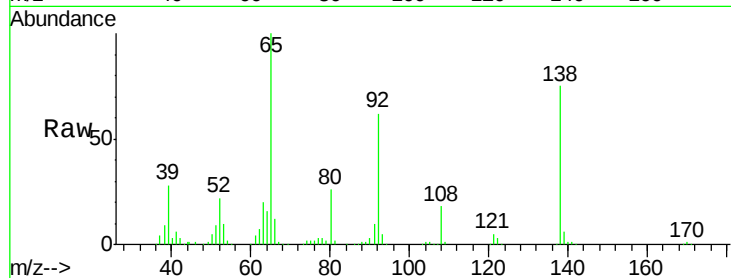
Tgt Ion: 65 Resp: 261302

Ion Ratio Lower Upper

65 100

92 62.4 46.6 70.0

138 75.5 54.6 81.8



#48

Acenaphthylene

Concen: 36.29 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

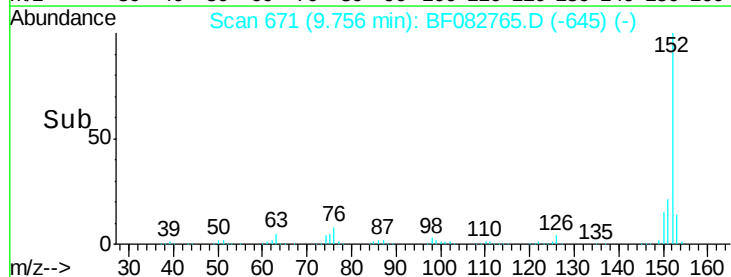
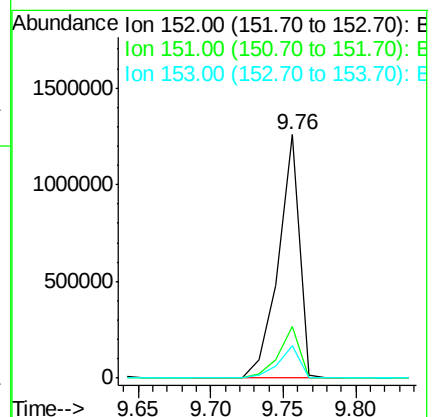
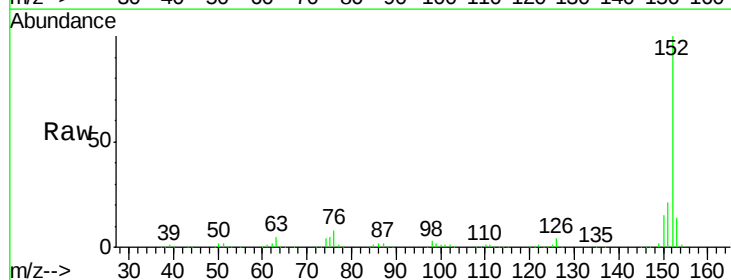
Tgt Ion: 152 Resp: 1267827

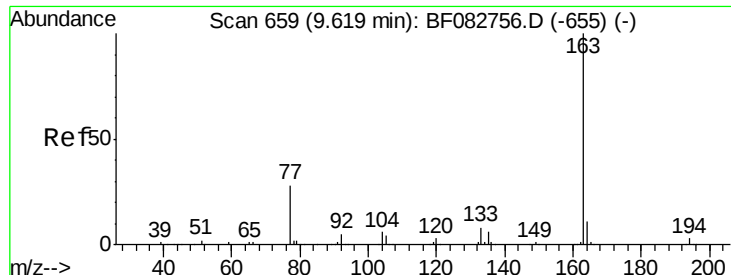
Ion Ratio Lower Upper

152 100

151 21.3 17.3 25.9

153 13.5 11.3 16.9

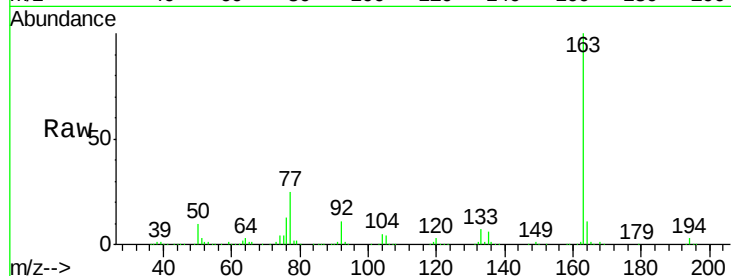




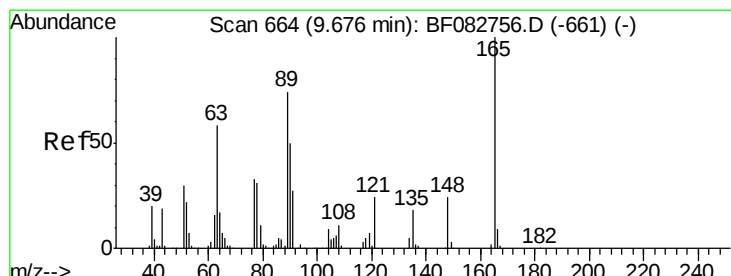
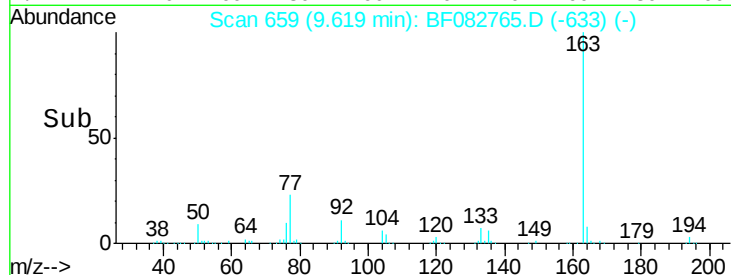
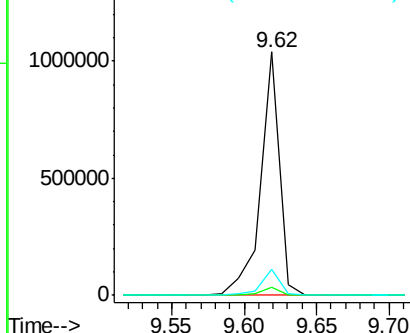
#49
Dimethylphthalate
Concen: 34.36 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tgt Ion:163 Resp: 937429
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.7 8.7 13.1

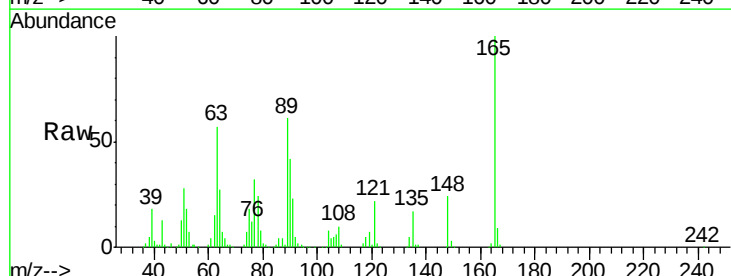


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

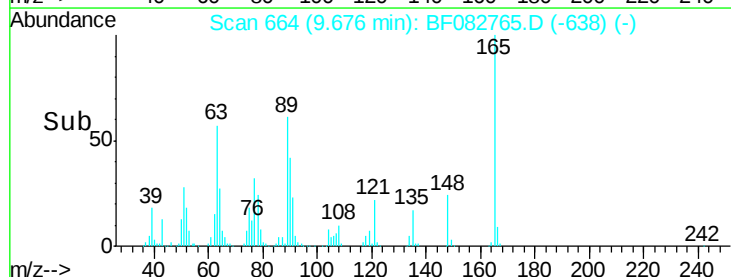
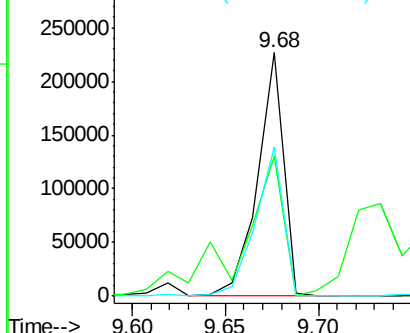


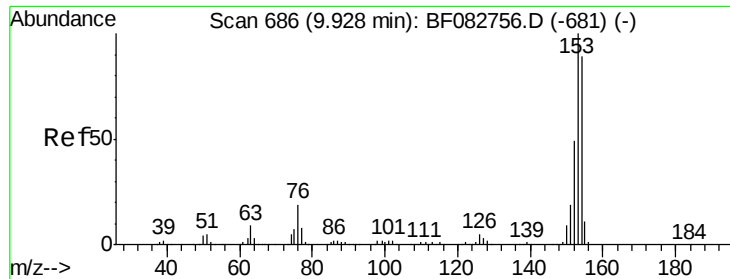
#50
2,6-Dinitrotoluene
Concen: 37.44 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion:165 Resp: 217932
Ion Ratio Lower Upper
165 100
63 57.2 55.5 83.3
89 61.4 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: 42.26 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

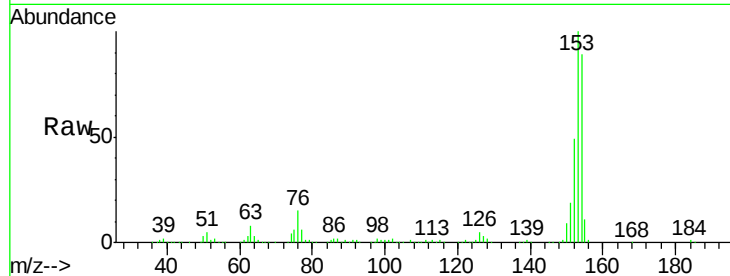
Tgt Ion:154 Resp: 935664

Ion Ratio Lower Upper

154 100

153 112.2 90.1 135.1

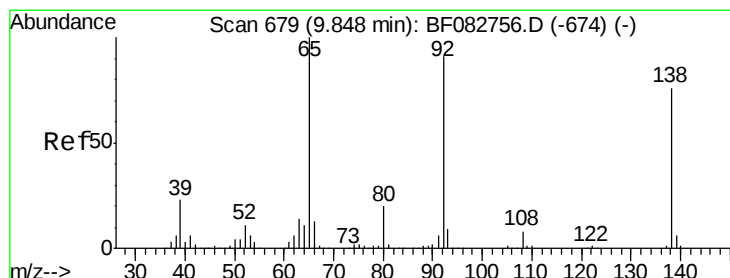
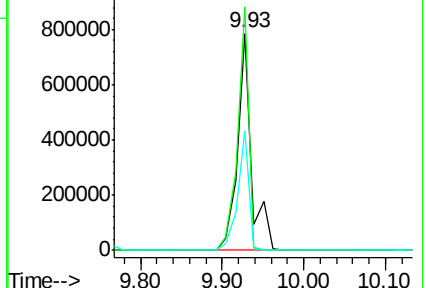
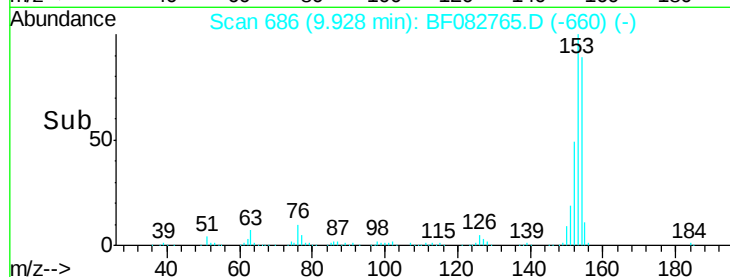
152 55.3 44.3 66.5



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: 17.91 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

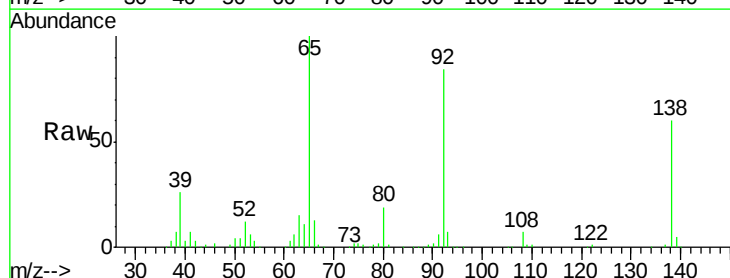
Tgt Ion:138 Resp: 114669

Ion Ratio Lower Upper

138 100

108 11.8 11.3 16.9

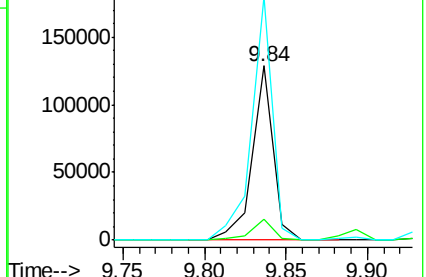
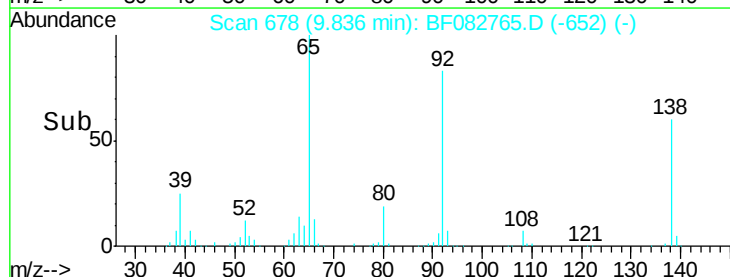
92 139.8 122.4 183.6

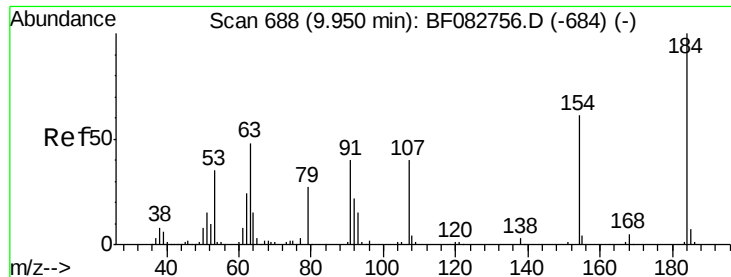


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

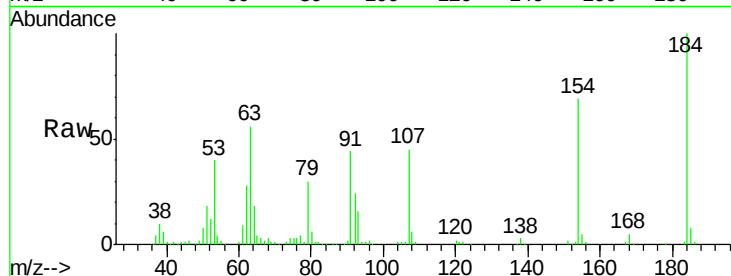




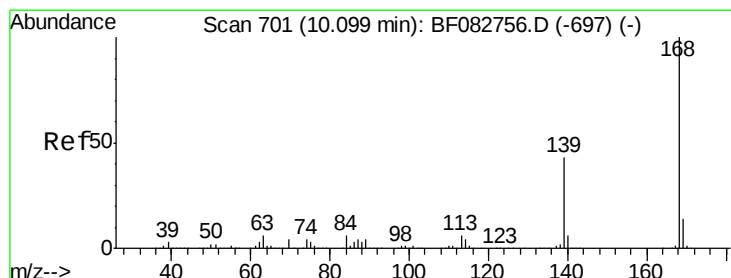
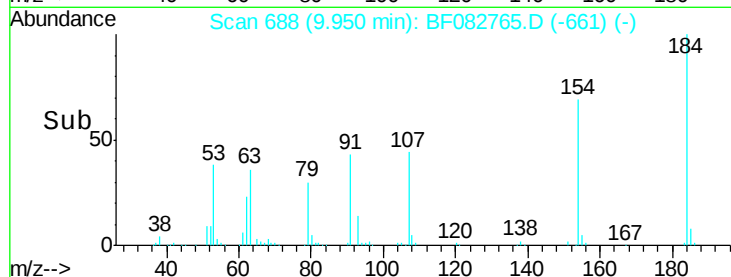
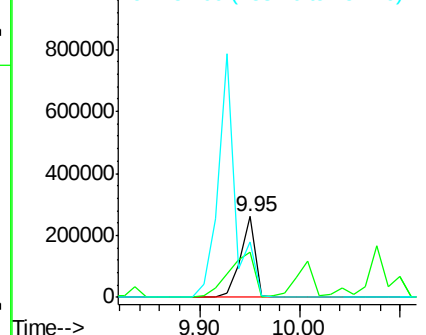
#53
 2,4-Dinitrophenol
 Concen: 83.04 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tgt Ion:184 Resp: 265408
 Ion Ratio Lower Upper
 184 100
 63 55.8 98.6 148.0#
 154 68.6 183.9 275.9#

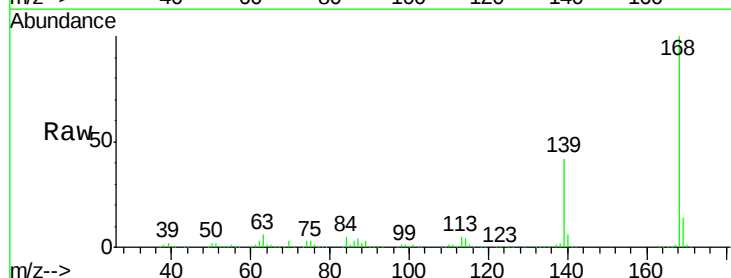


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

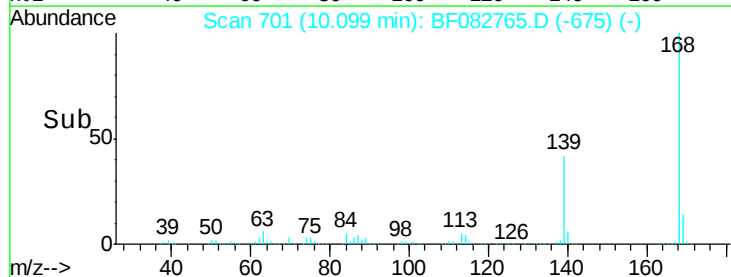
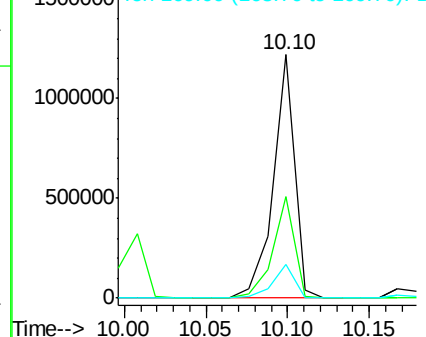


#54
 Dibenzofuran
 Concen: 37.19 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion:168 Resp: 1110072
 Ion Ratio Lower Upper
 168 100
 139 41.6 37.8 56.6
 169 13.9 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

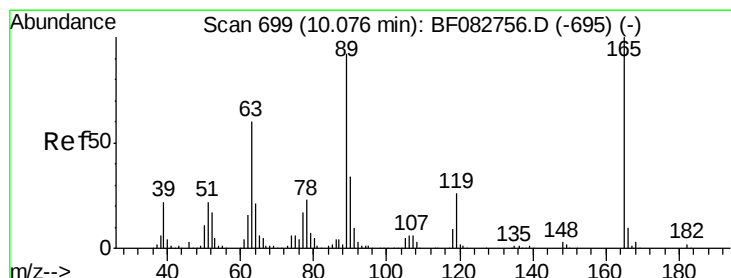
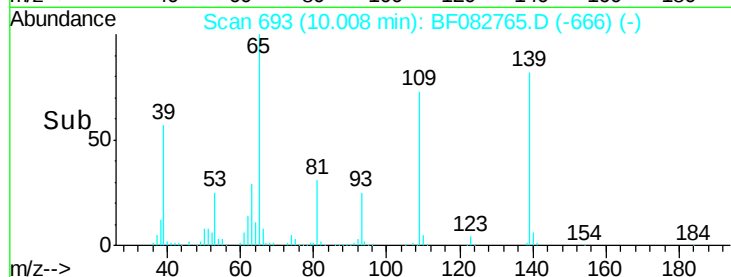
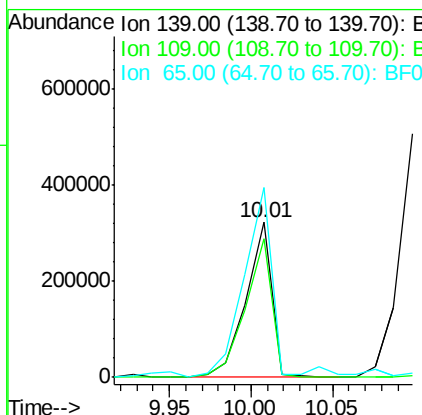
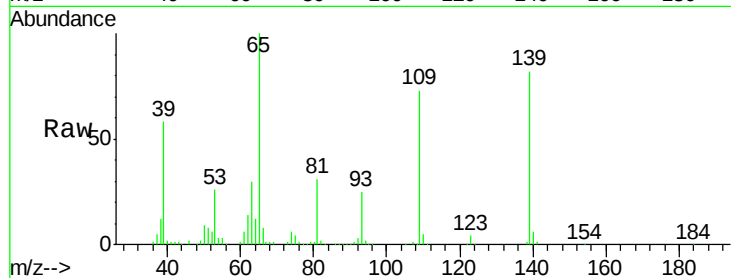




#55
4-Nitrophenol
Concen: 72.96 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

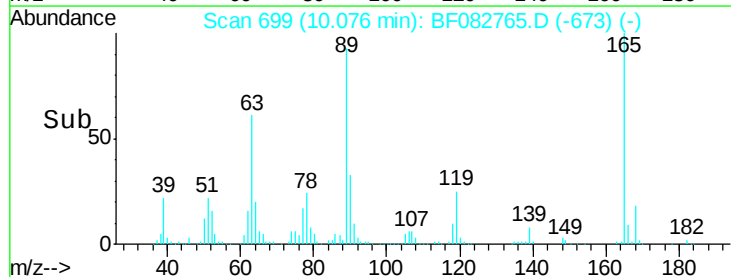
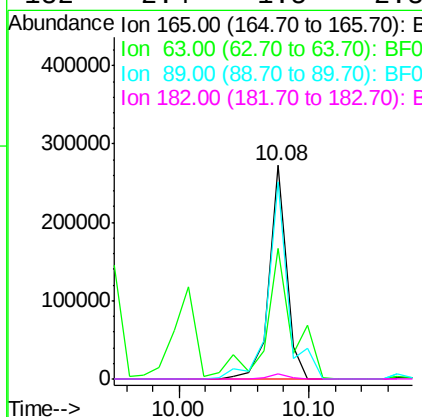
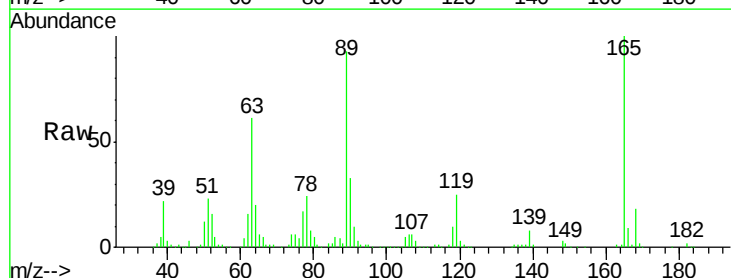
Instrument :
BNA_F
ClientSampleId :
PB86450BSD

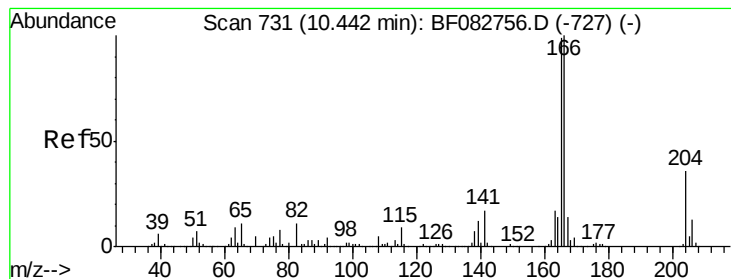
Tgt Ion:139 Resp: 358337
Ion Ratio Lower Upper
139 100
109 89.0 73.7 113.7
65 122.0 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 32.44 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion:165 Resp: 256197
Ion Ratio Lower Upper
165 100
63 61.4 43.4 65.0
89 92.5 70.6 106.0
182 2.4 1.5 2.3#





#57

Fluorene

Concen: 38.16 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

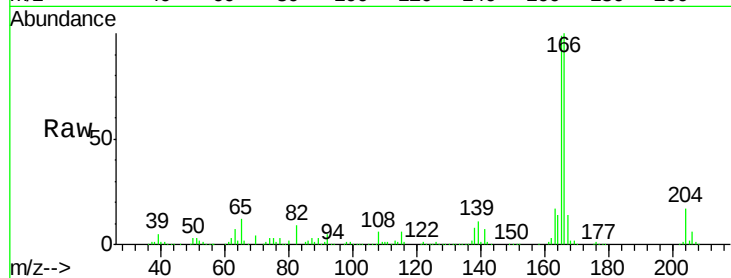
Tgt Ion:166 Resp: 922439

Ion Ratio Lower Upper

166 100

165 99.0 80.2 120.4

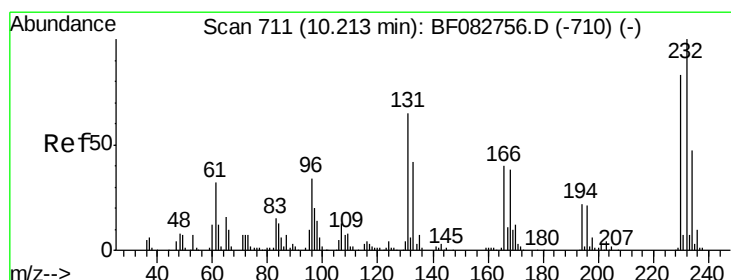
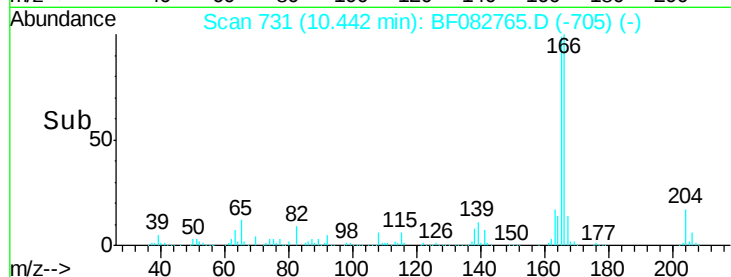
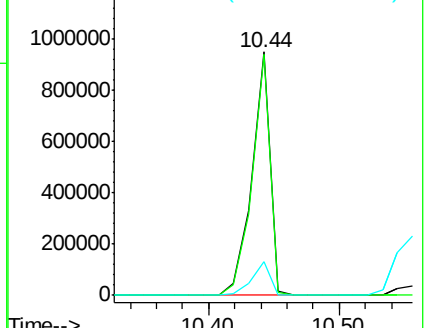
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.35 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Tgt Ion:232 Resp: 233086

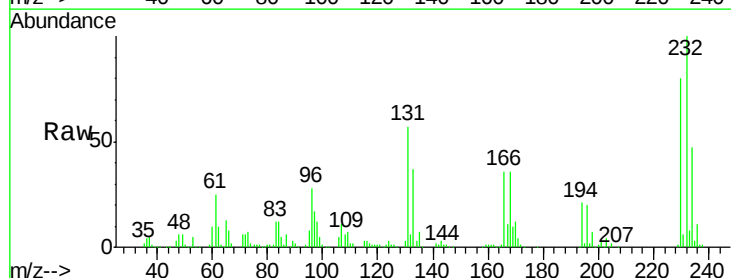
Ion Ratio Lower Upper

232 100

131 50.4 46.2 69.2

130 2.7 2.4 3.6

166 32.6 28.2 42.2

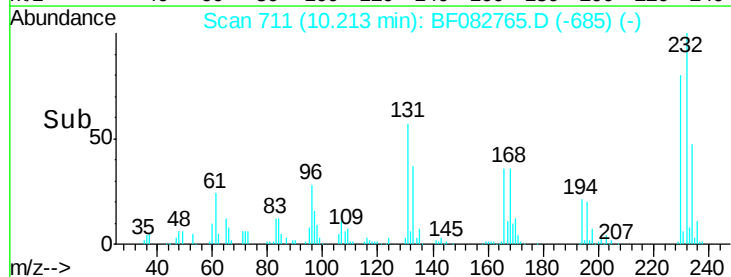
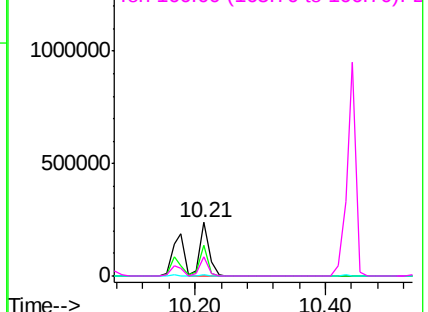


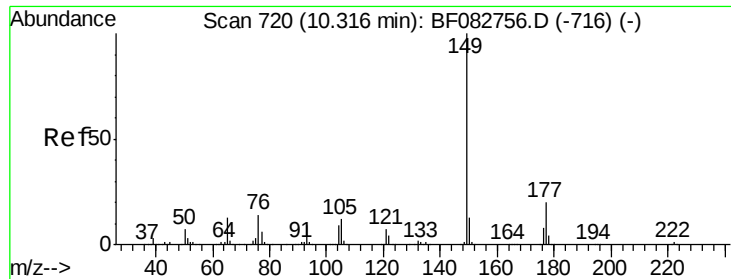
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

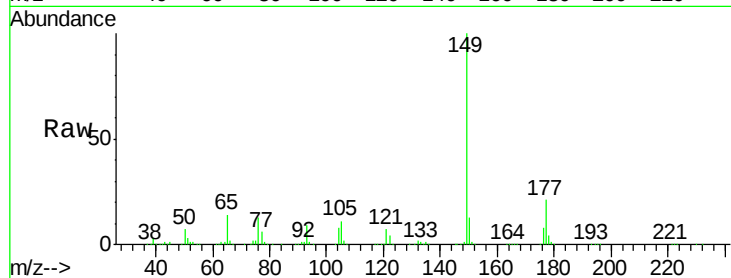




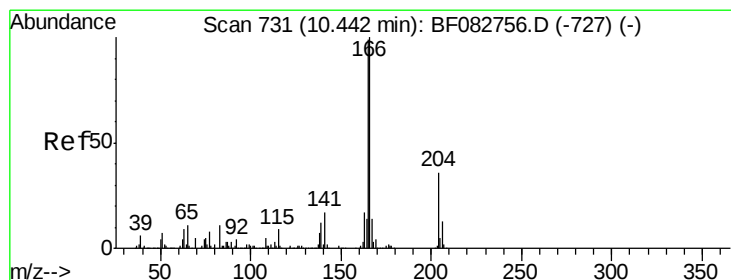
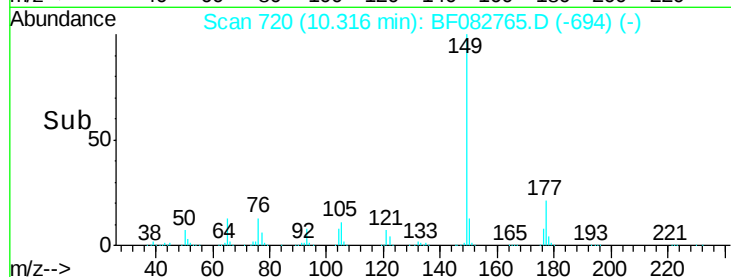
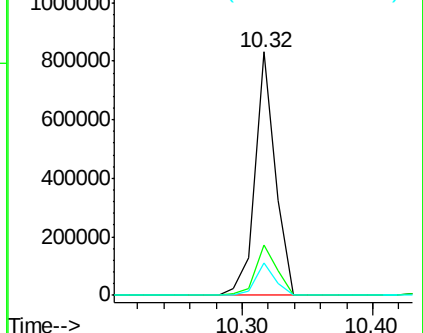
#59
Diethylphthalate
Concen: 33.81 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tgt Ion:149 Resp: 900622
Ion Ratio Lower Upper
149 100
177 20.7 17.9 26.9
150 13.2 10.1 15.1

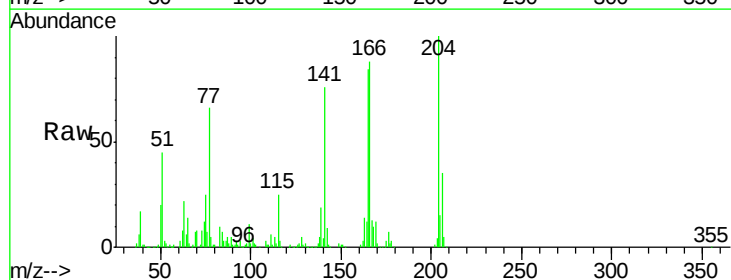


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

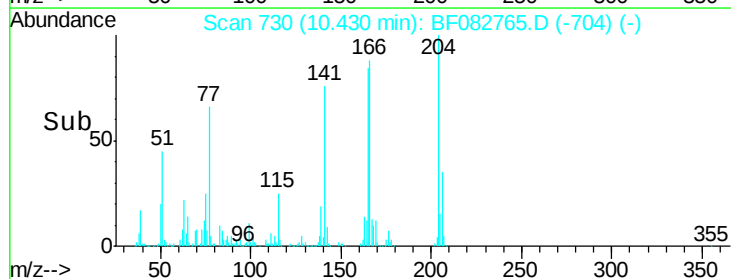
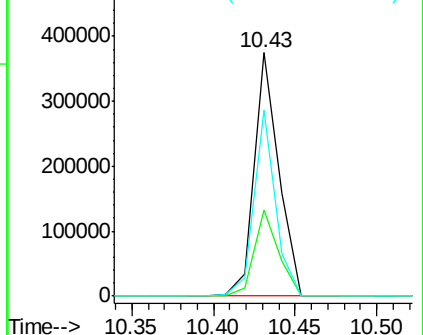


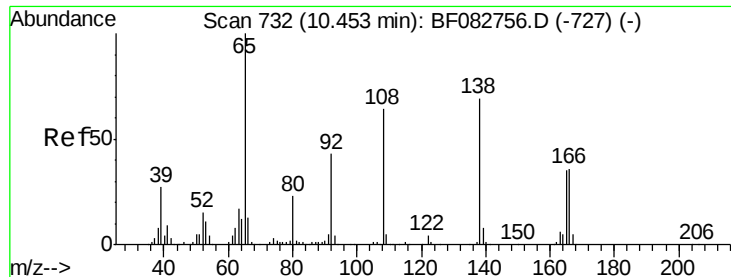
#60
4-Chlorophenyl-phenylether
Concen: 32.25 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion:204 Resp: 390042
Ion Ratio Lower Upper
204 100
206 35.4 28.5 42.7
141 76.2 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

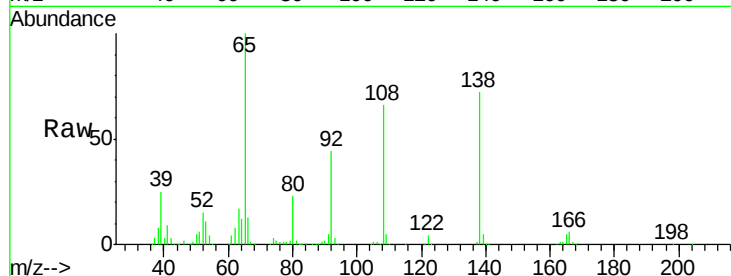




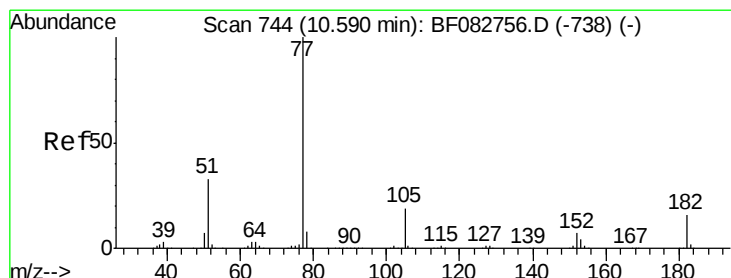
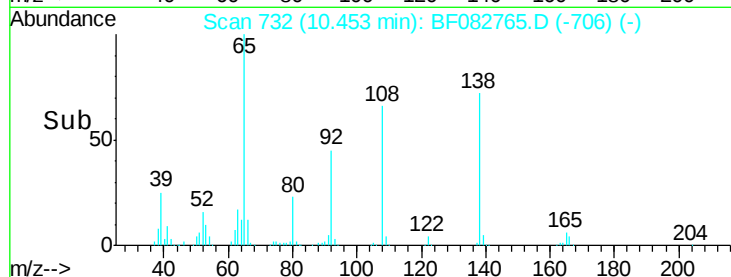
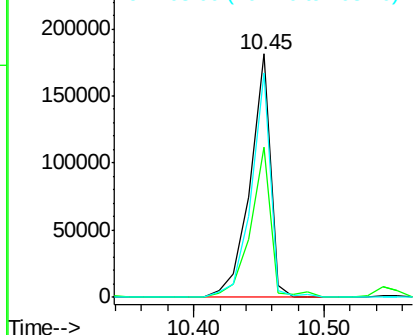
#61
4-Nitroaniline
Concen: 30.65 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tgt Ion:138 Resp: 197328
Ion Ratio Lower Upper
138 100
92 61.7 45.8 85.8
108 92.0 89.4 129.4

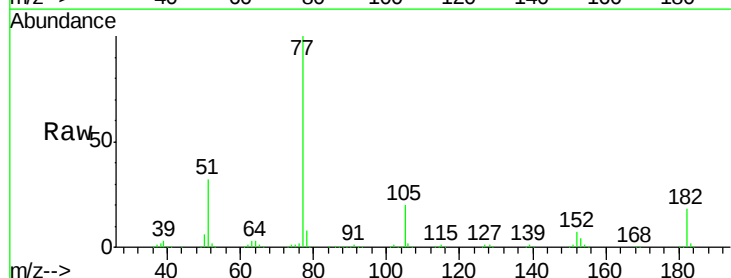


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

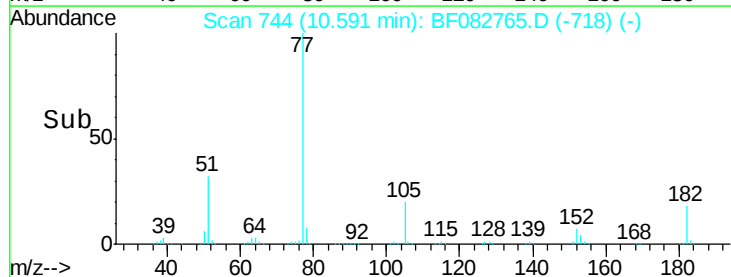
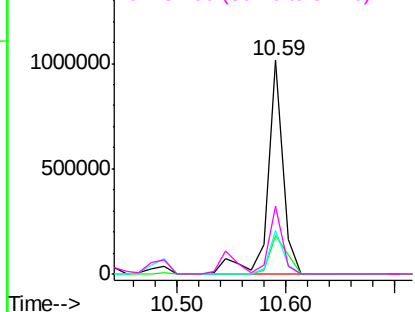


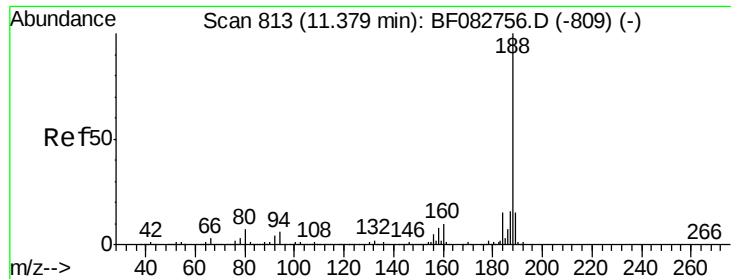
#62
Azobenzene
Concen: 35.34 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion: 77 Resp: 1011402
Ion Ratio Lower Upper
77 100
182 17.9 9.3 49.3
105 20.1 2.6 42.6
51 31.6 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

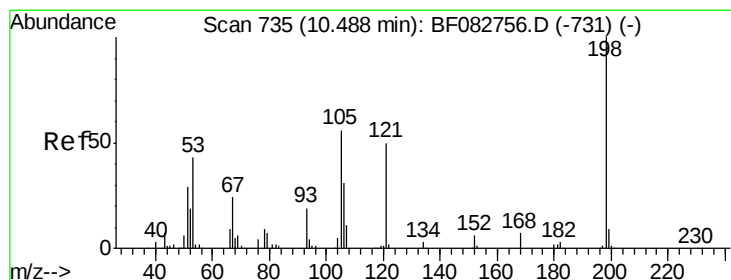
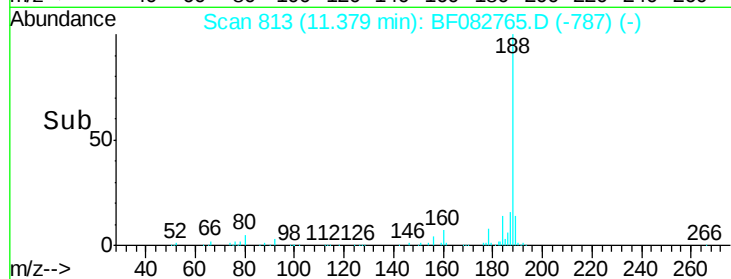
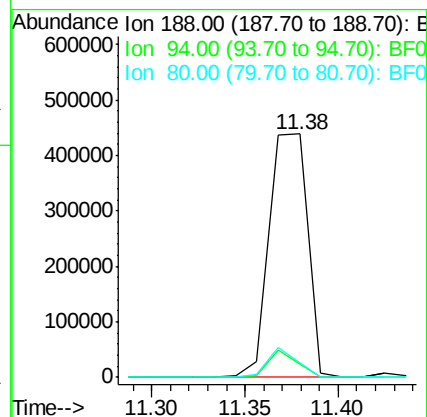
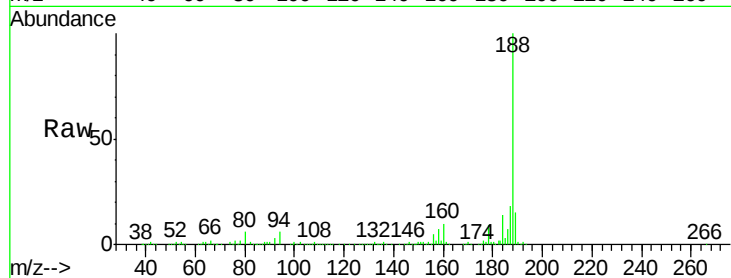




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

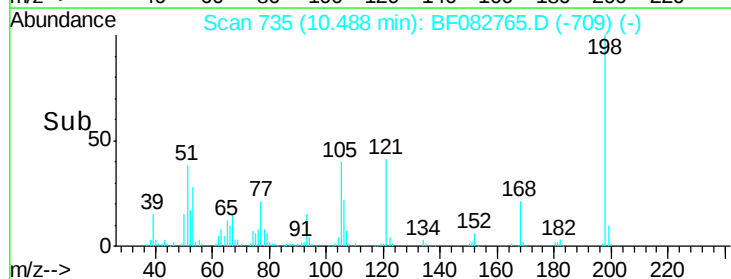
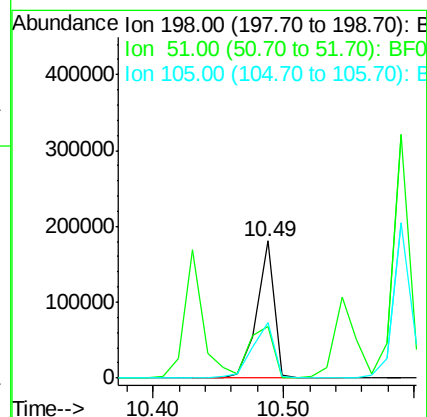
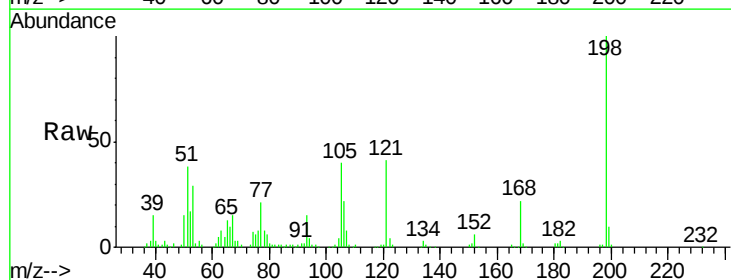
Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

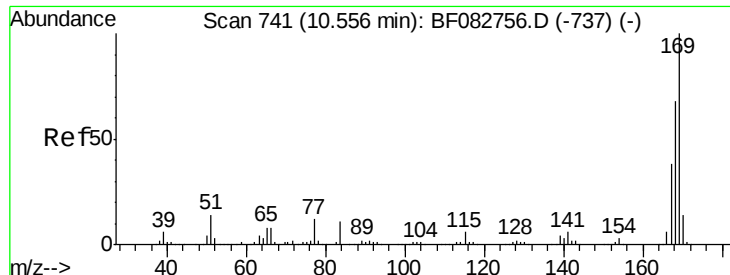
Tgt Ion:188 Resp: 626957
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.1 9.1#
 80 5.8 7.0 10.6#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.14 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion:198 Resp: 170378
 Ion Ratio Lower Upper
 198 100
 51 37.6 17.3 57.3
 105 40.2 21.7 61.7

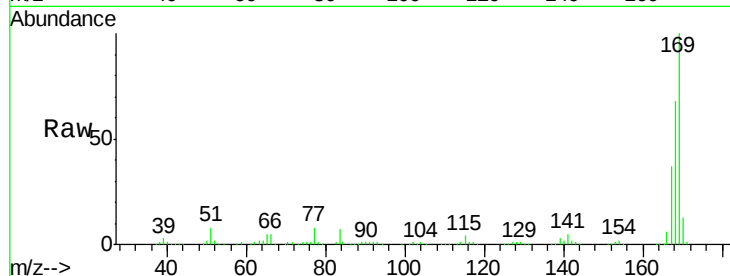




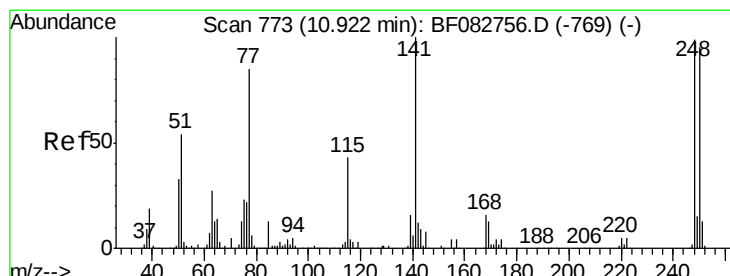
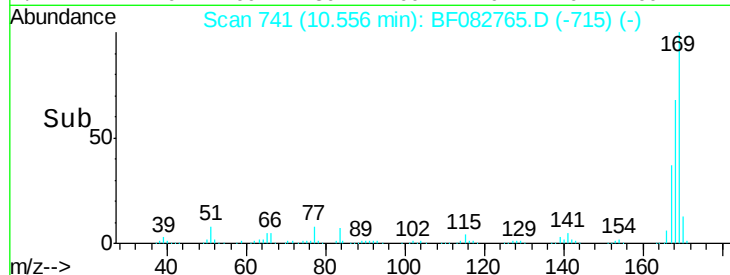
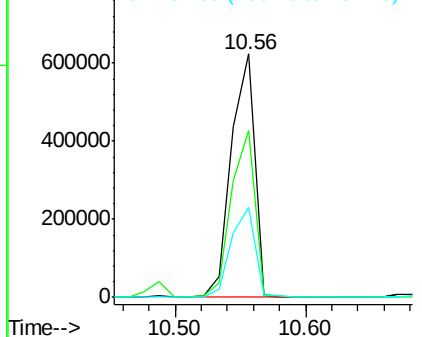
#65
 n-Nitrosodiphenylamine
 Concen: 34.08 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tgt Ion:169 Resp: 771947
 Ion Ratio Lower Upper
 169 100
 168 68.5 55.0 82.6
 167 37.1 30.5 45.7

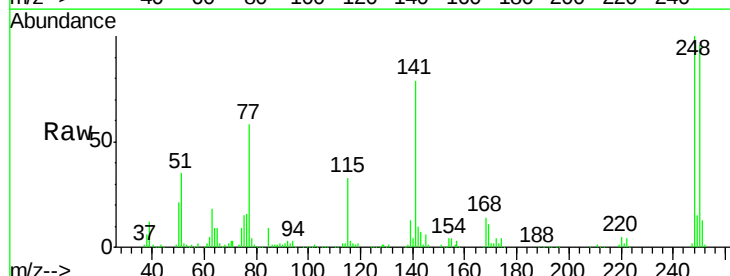


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

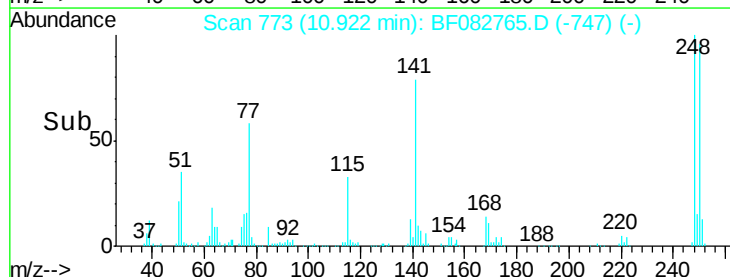
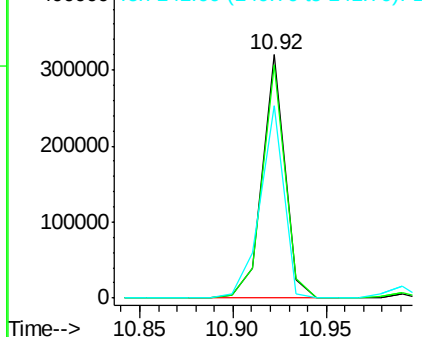


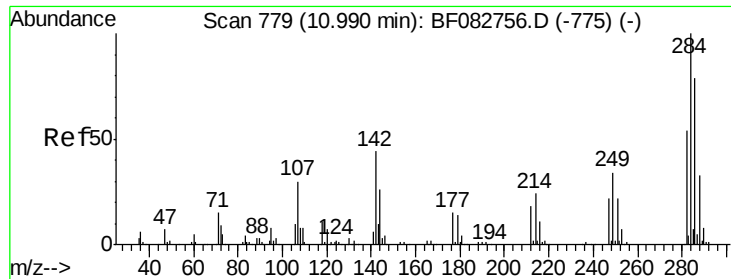
#66
 4-Bromophenyl-phenylether
 Concen: 35.24 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion:248 Resp: 266006
 Ion Ratio Lower Upper
 248 100
 250 95.7 79.4 119.2
 141 79.1 36.3 54.5#



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

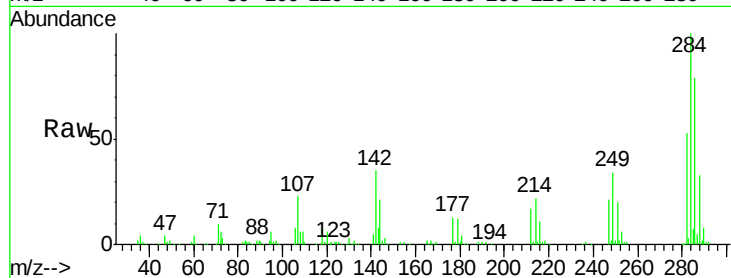




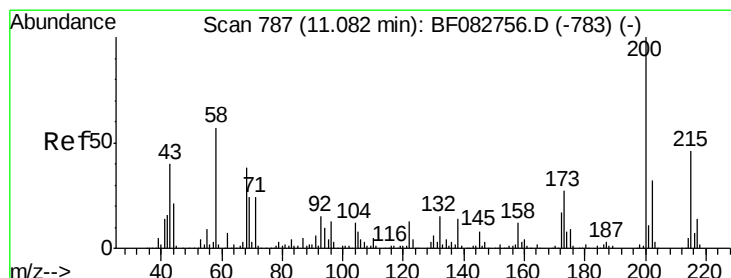
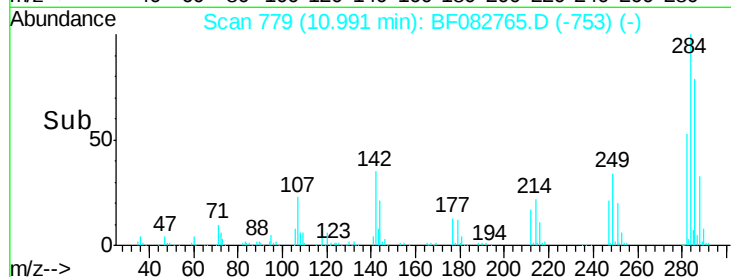
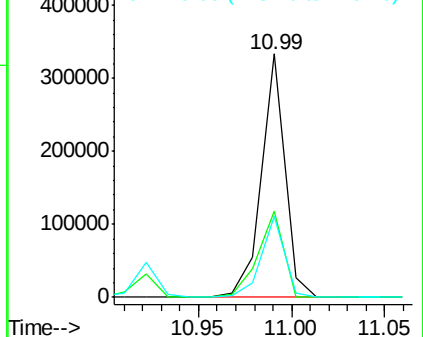
#67
Hexachlorobenzene
Concen: 34.30 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB86450BSD

Tgt Ion:284 Resp: 289107
Ion Ratio Lower Upper
284 100
142 35.3 47.9 71.9#
249 33.5 29.7 44.5

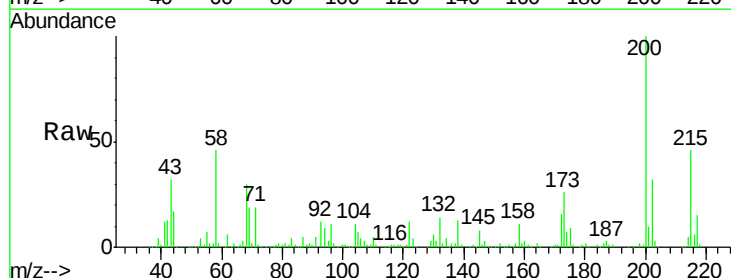


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

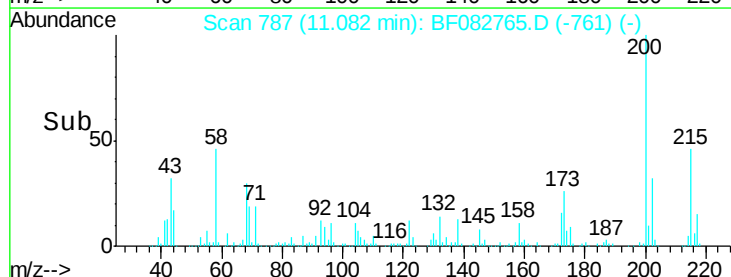
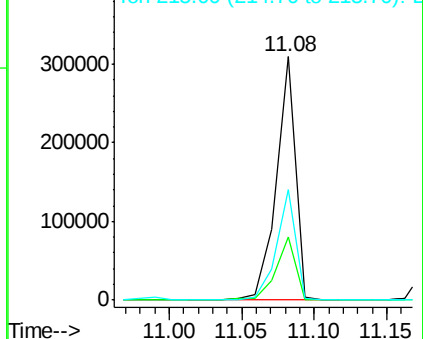


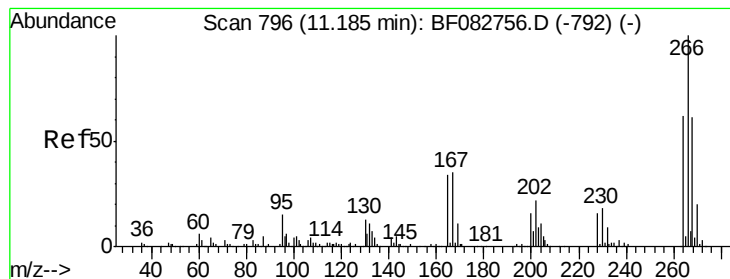
#68
Atrazine
Concen: 40.48 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion:200 Resp: 283533
Ion Ratio Lower Upper
200 100
173 26.1 6.9 46.9
215 45.6 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

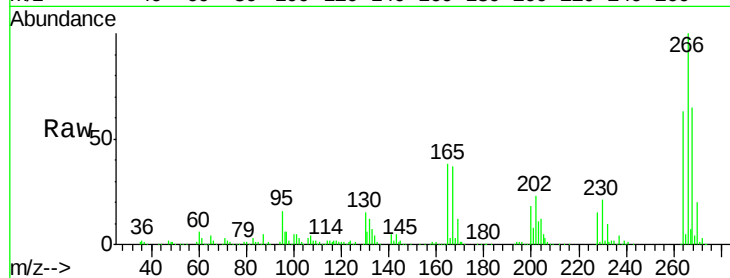




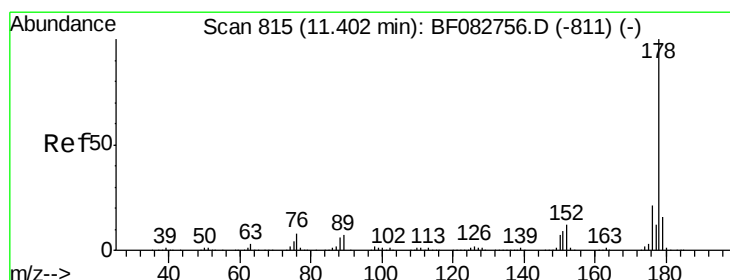
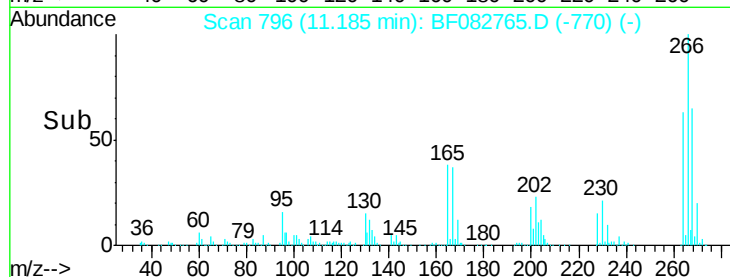
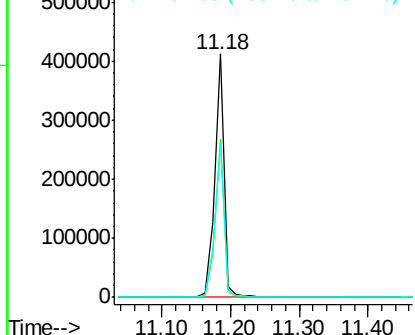
#69
 Pentachlorophenol
 Concen: 77.58 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tgt Ion:266 Resp: 397109
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.0 76.6
 264 63.0 50.6 75.8

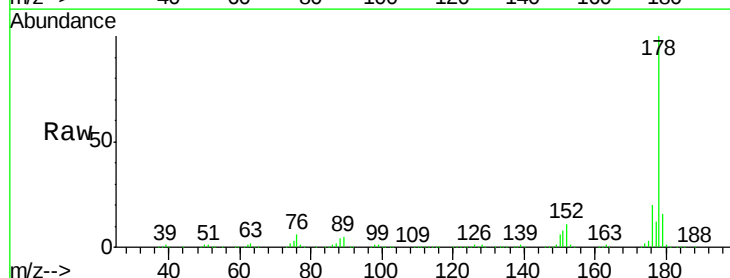


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

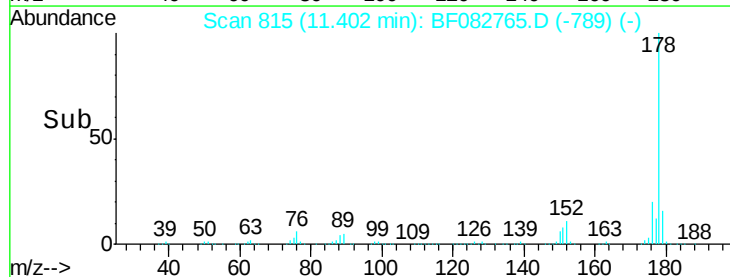
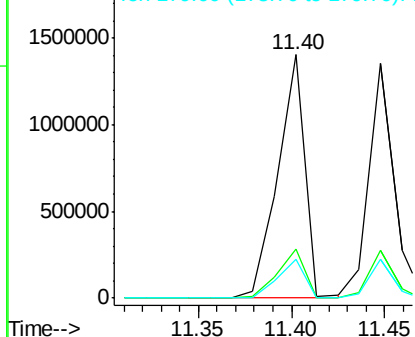


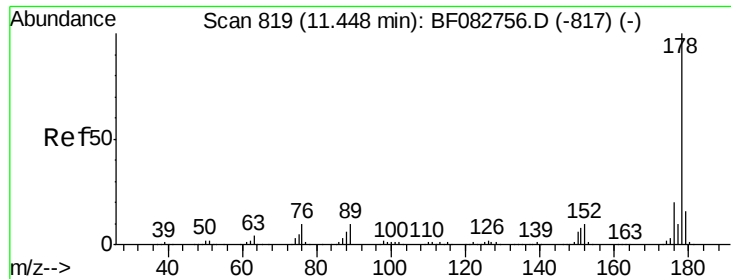
#70
 Phenanthrene
 Concen: 38.74 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion:178 Resp: 1410625
 Ion Ratio Lower Upper
 178 100
 176 20.2 17.0 25.4
 179 15.8 13.4 20.0



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

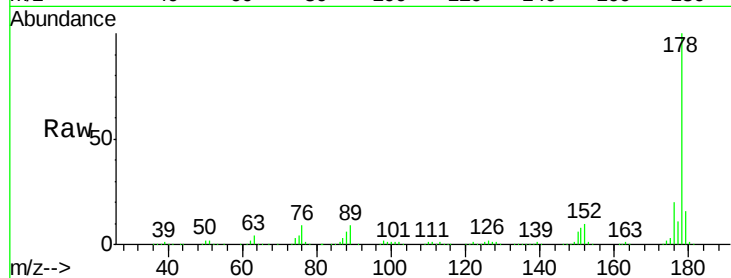




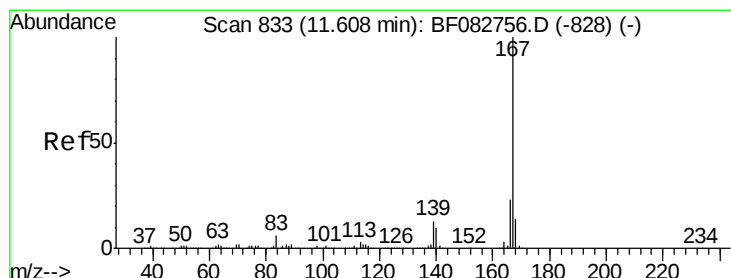
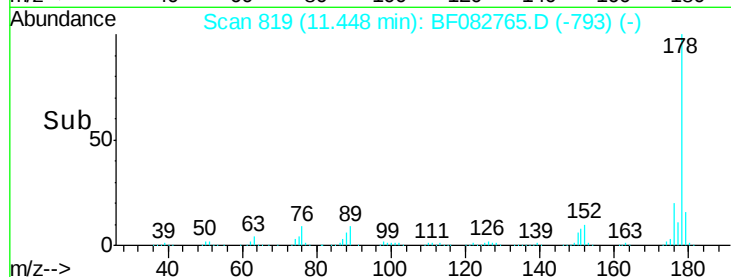
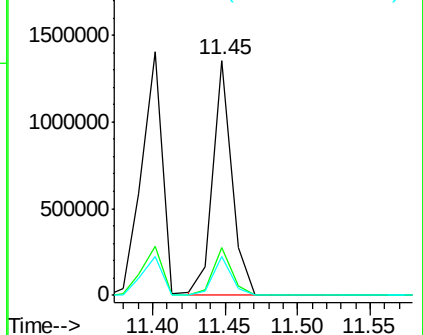
#71
 Anthracene
 Concen: 32.19 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tgt Ion:178 Resp: 1234390
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.5 24.7
 179 16.4 13.2 19.8

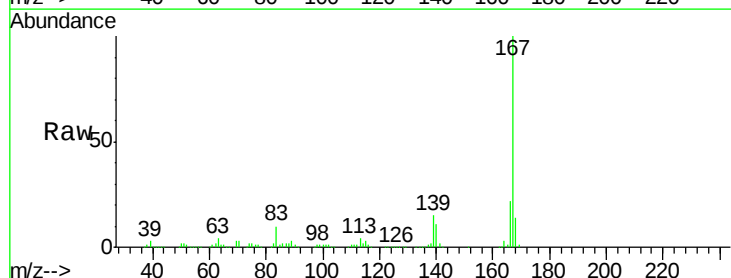


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

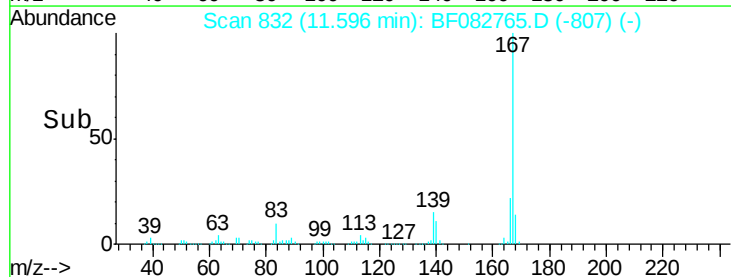
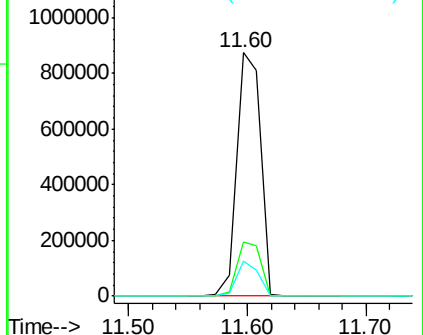


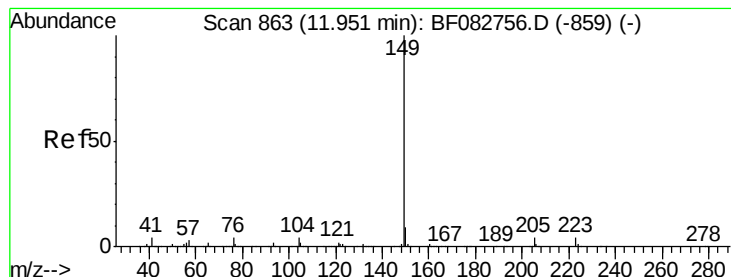
#72
 Carbazole
 Concen: 36.29 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion:167 Resp: 1218257
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.7 28.1
 139 14.5 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: 32.13 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

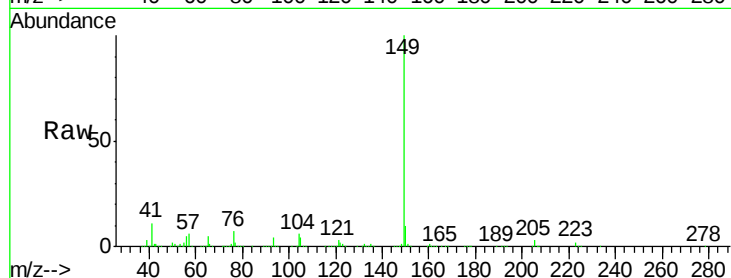
Tgt Ion:149 Resp: 1344006

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

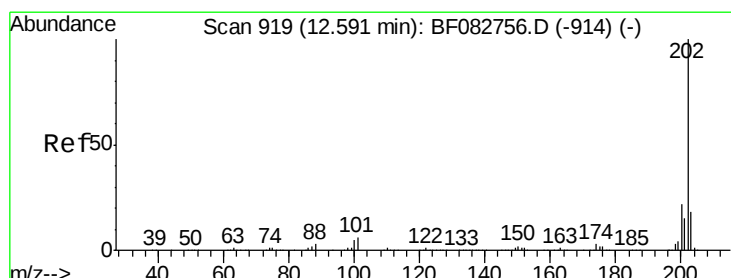
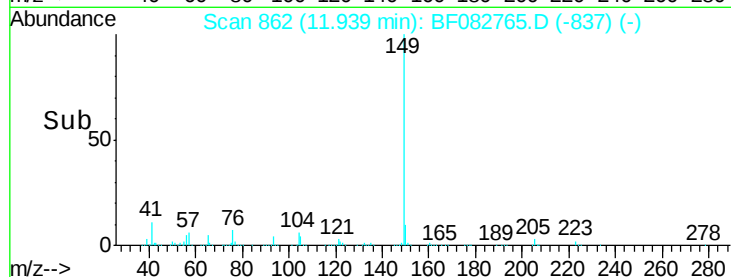
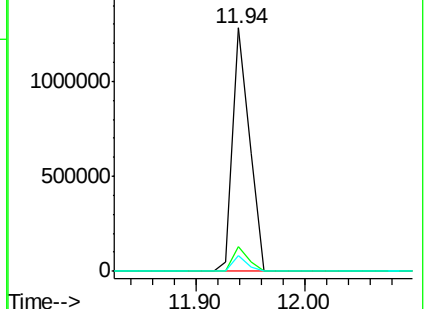
104 6.3 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.28 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

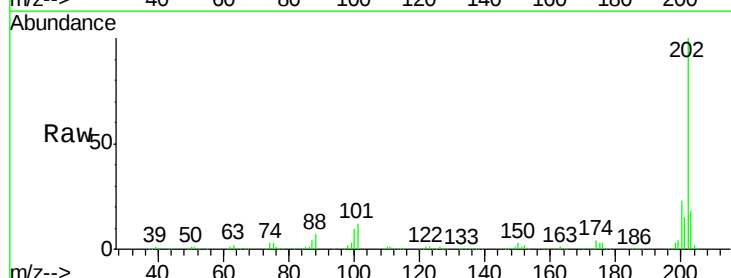
Tgt Ion:202 Resp: 1339374

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.5

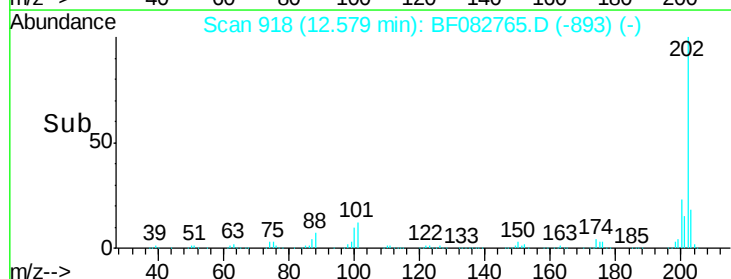
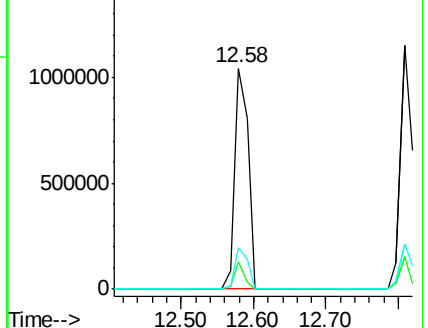
203 18.5 0.0 38.5

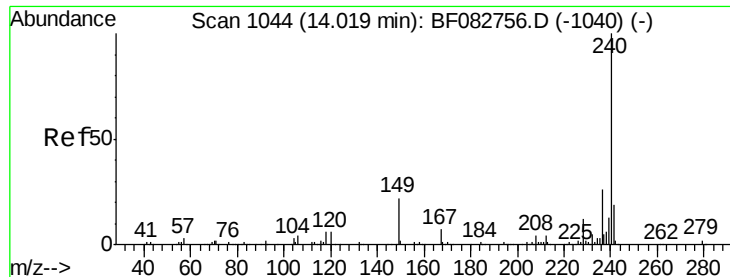


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

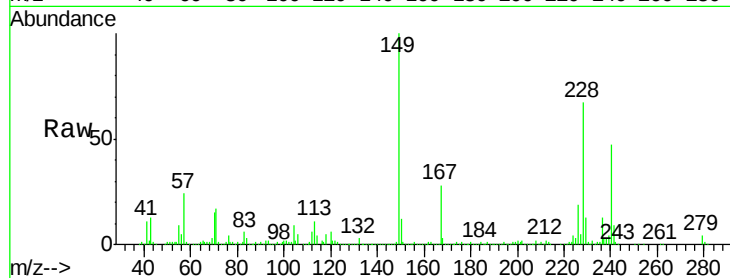
Tgt Ion:240 Resp: 540112

Ion Ratio Lower Upper

240 100

120 12.8 10.9 16.3

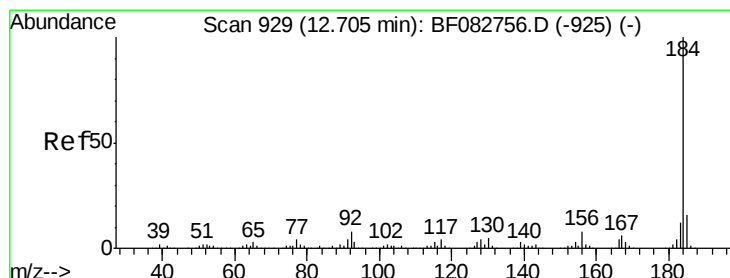
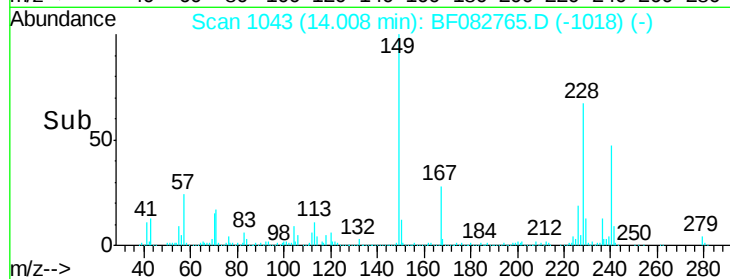
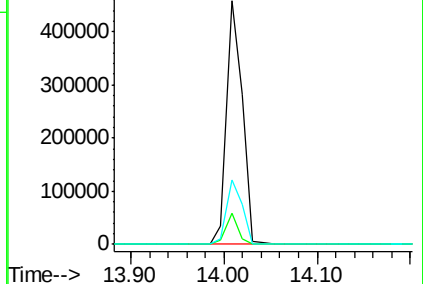
236 26.5 21.6 32.4



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: 27.21 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

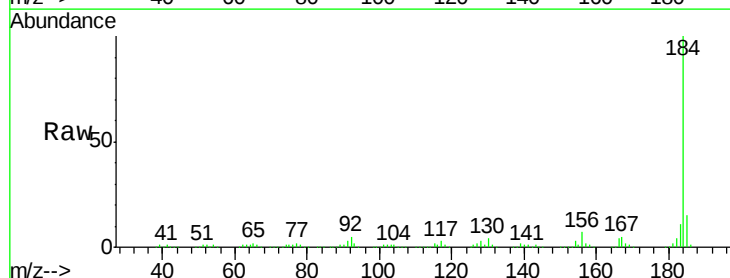
Tgt Ion:184 Resp: 492475

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

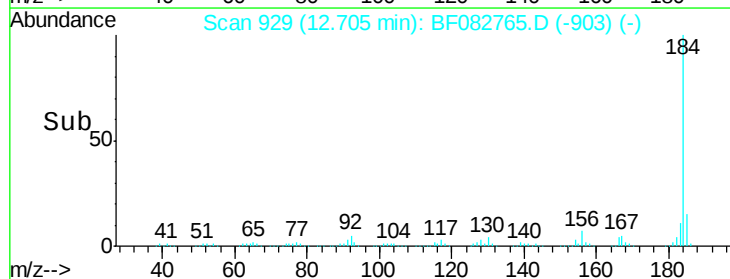
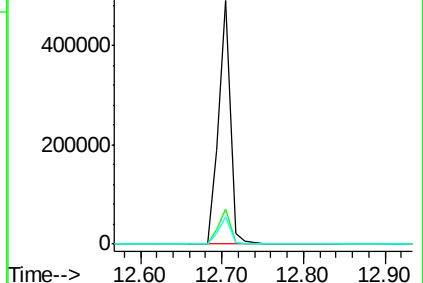
183 11.2 9.6 14.4

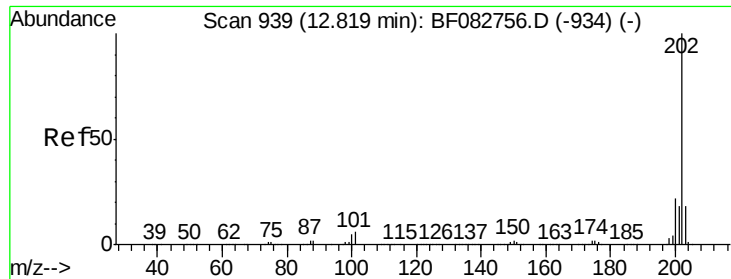


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

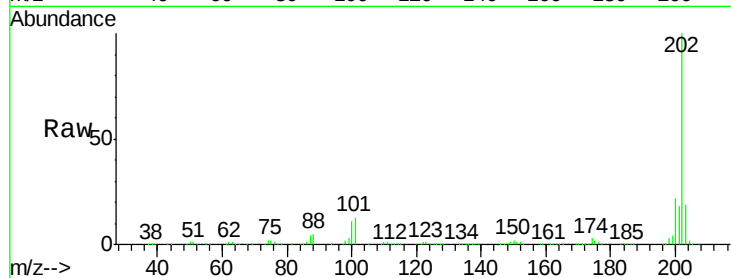




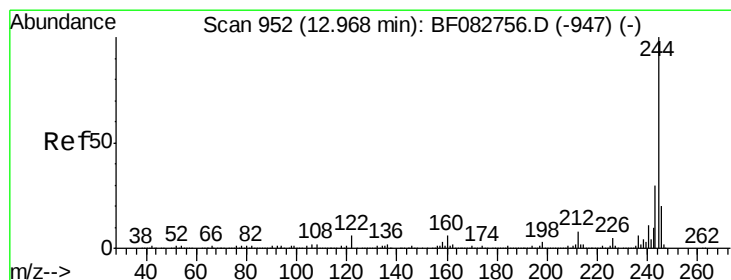
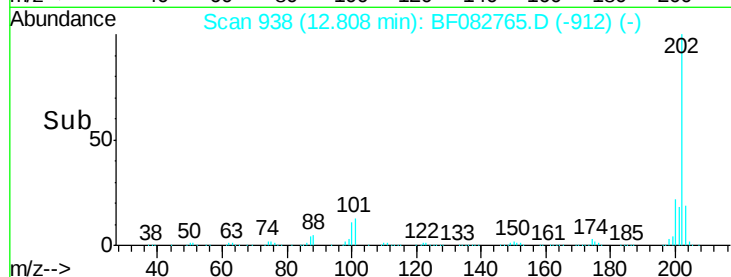
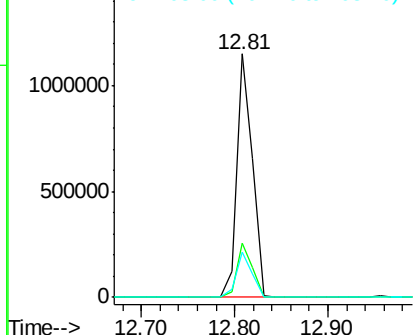
#77
 Pyrene
 Concen: 35.93 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tgt Ion: 202 Resp: 1332695
 Ion Ratio Lower Upper
 202 100
 200 22.3 18.7 28.1
 203 18.6 14.8 22.2

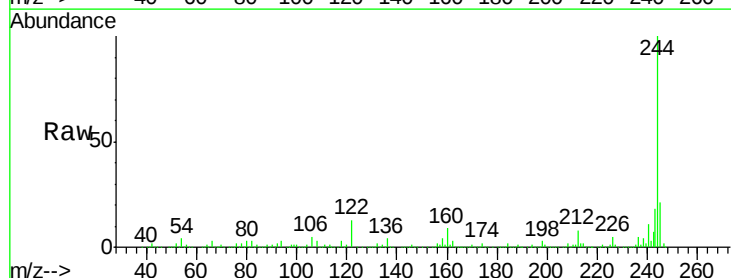


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

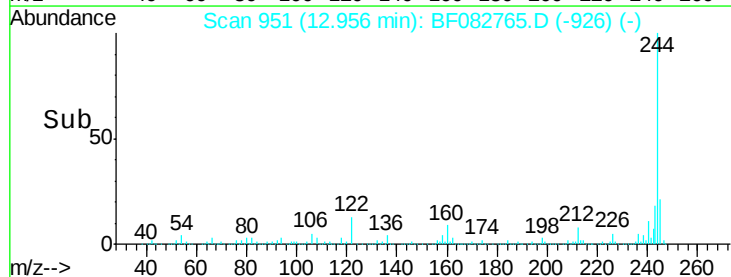
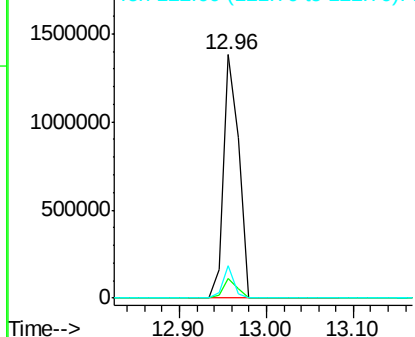


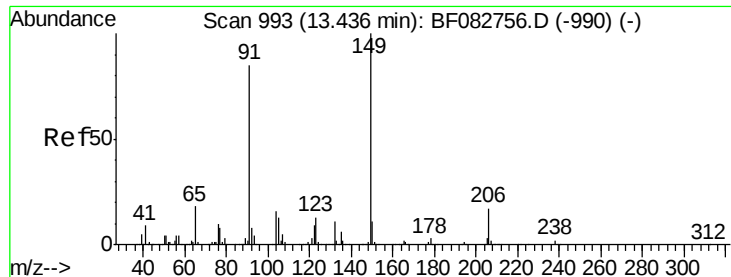
#78
 Terphenyl-d14
 Concen: 74.51 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion: 244 Resp: 1696717
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.6 11.4
 122 13.1 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

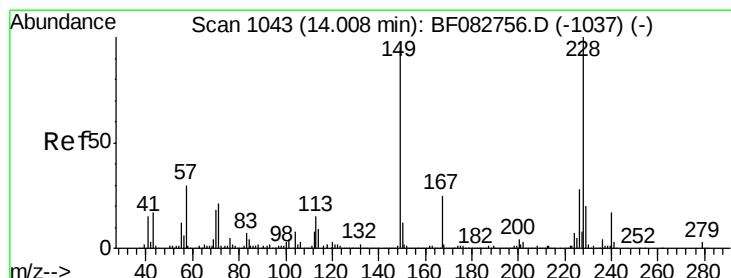
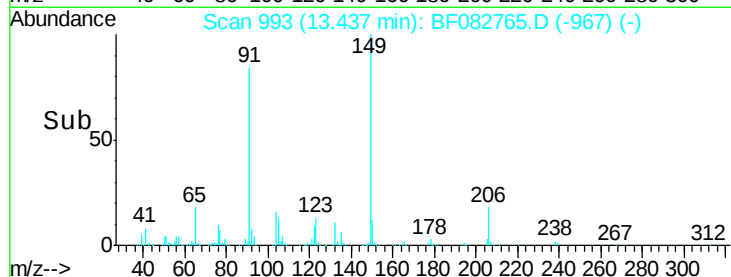
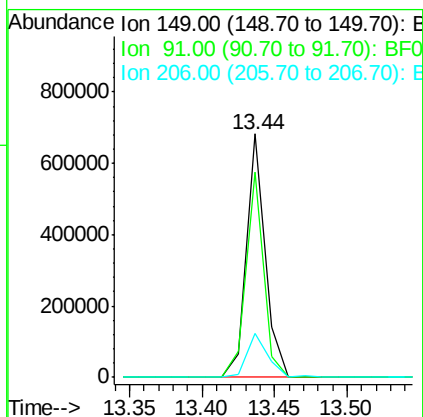
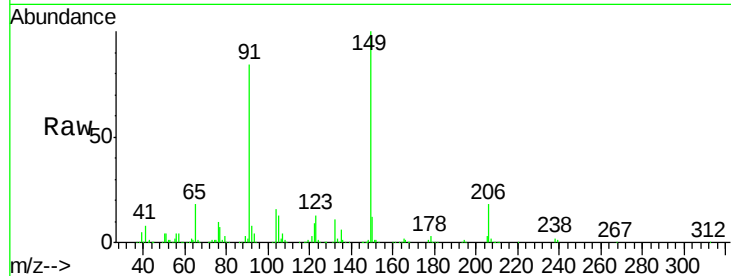




#79
Butylbenzylphthalate
Concen: 37.22 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

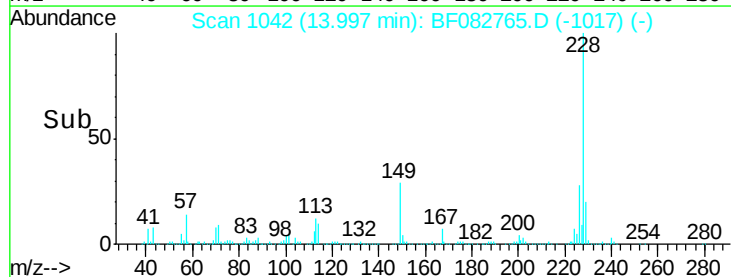
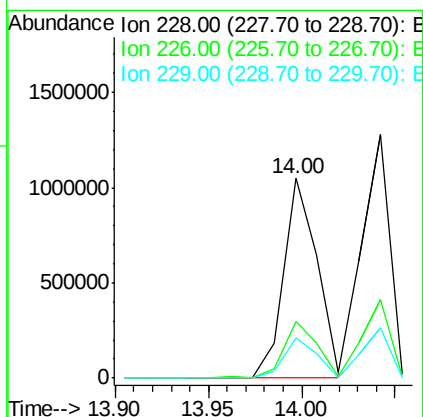
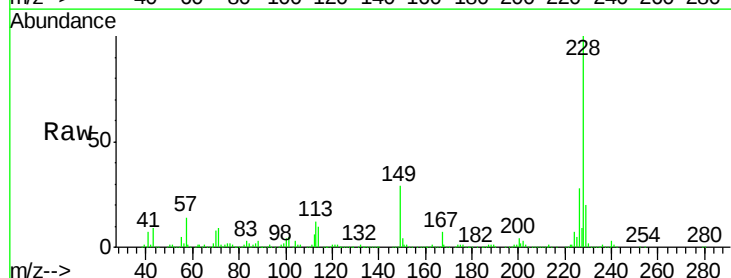
Instrument :
BNA_F
ClientSampleId :
PB86450BSD

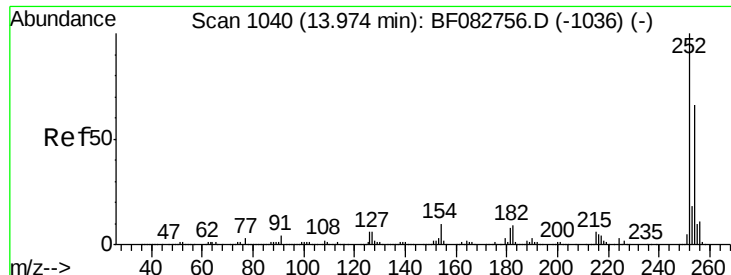
Tgt Ion:149 Resp: 609851
Ion Ratio Lower Upper
149 100
91 84.2 67.7 101.5
206 17.9 14.6 22.0



#80
Benzo(a)anthracene
Concen: 38.78 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082765.D
Acq: 6 Nov 2015 17:03

Tgt Ion:228 Resp: 1309882
Ion Ratio Lower Upper
228 100
226 28.1 23.4 35.2
229 20.3 16.3 24.5

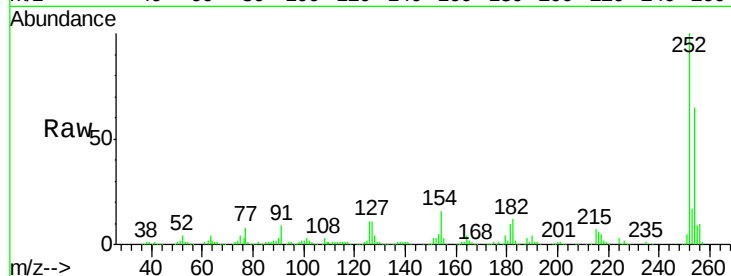




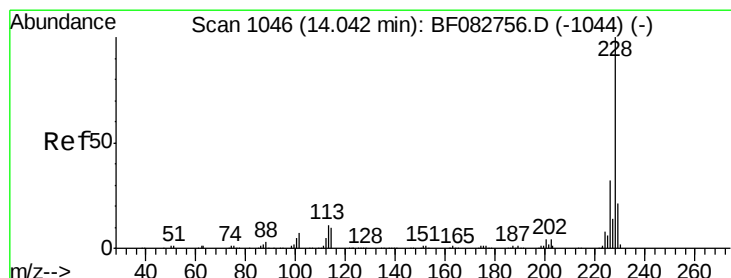
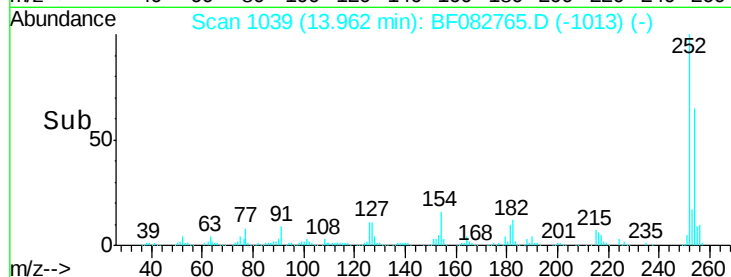
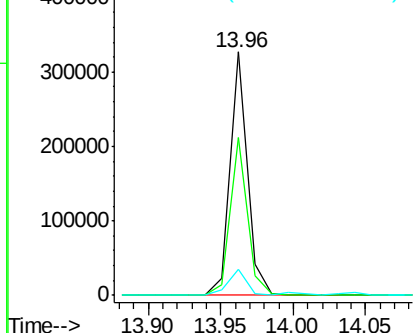
#81
 3,3'-Dichlorobenzidine
 Concen: 22.58 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BSD

Tgt Ion:252 Resp: 271072
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.4 77.0
 126 10.9 10.7 16.1

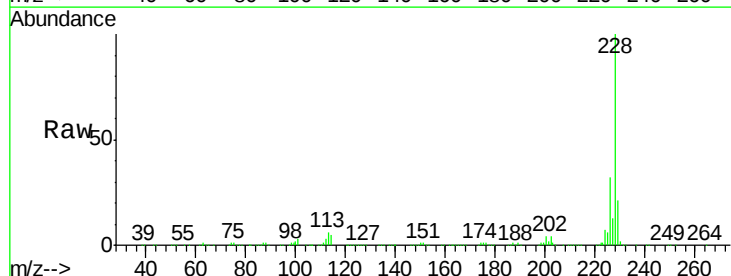


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

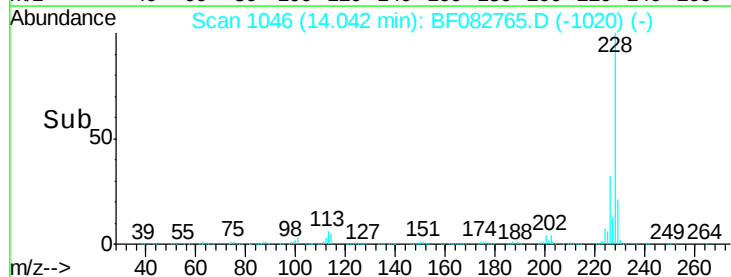
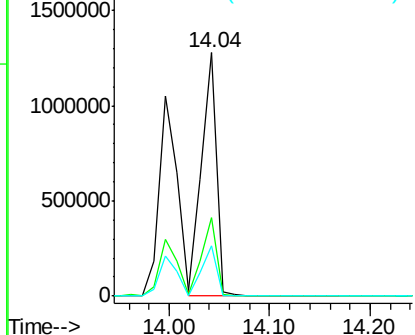


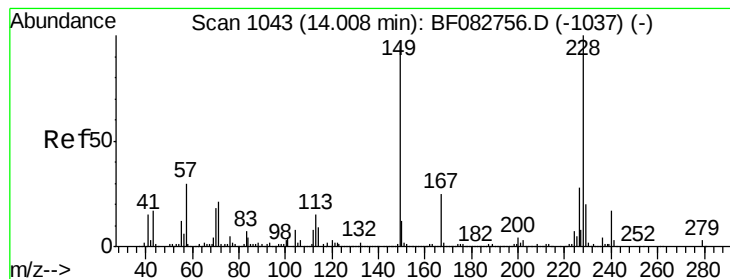
#82
 Chrysene
 Concen: 42.76 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082765.D
 Acq: 6 Nov 2015 17:03

Tgt Ion:228 Resp: 1322787
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.5 38.3
 229 20.6 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.99 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

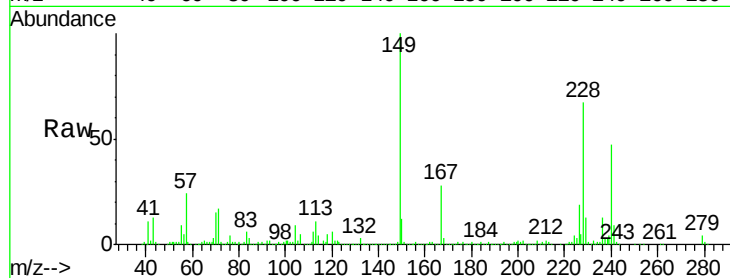
Tgt Ion:149 Resp: 896868

Ion Ratio Lower Upper

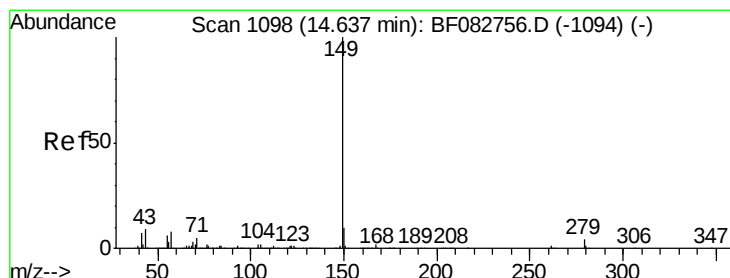
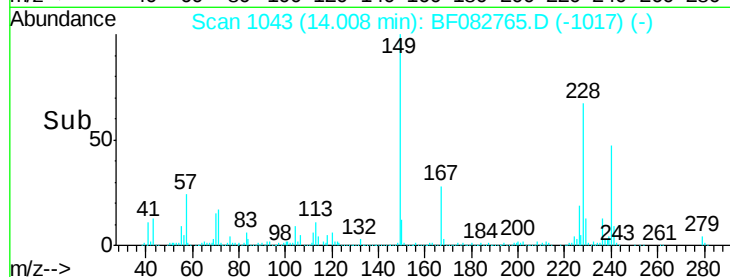
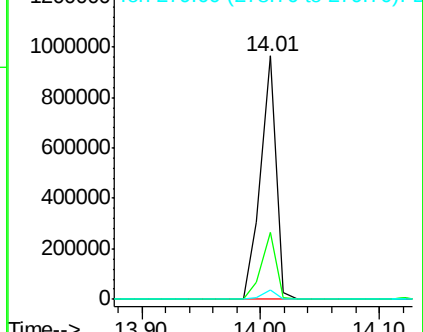
149 100

167 27.7 21.2 31.8

279 3.8 2.2 3.2#



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



#84

Di-n-octyl phthalate

Concen: 40.46 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

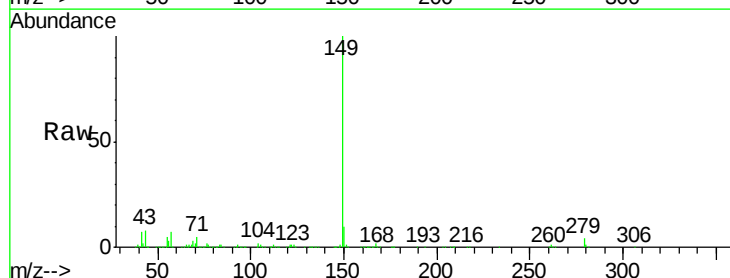
Tgt Ion:149 Resp: 1513548

Ion Ratio Lower Upper

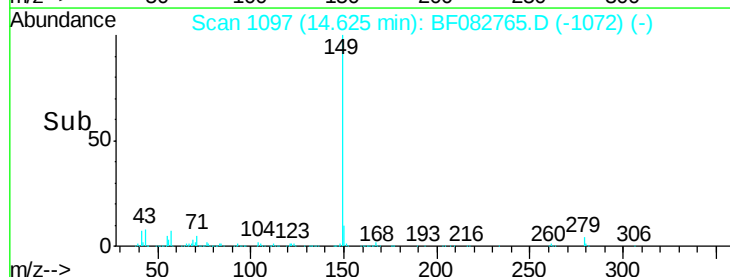
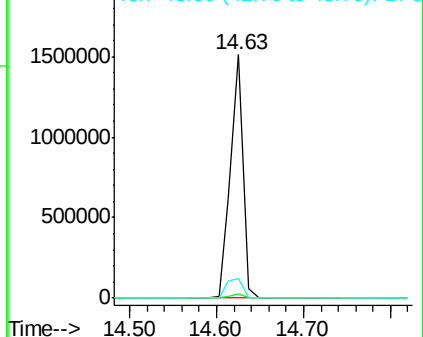
149 100

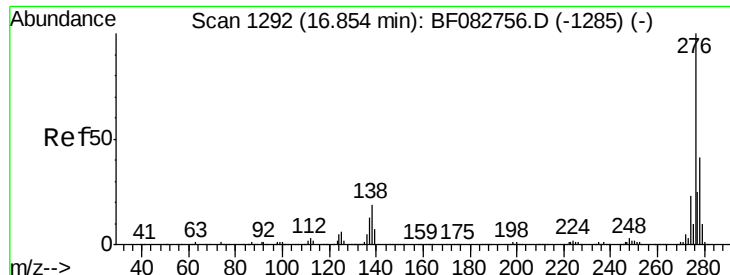
167 1.4 1.3 1.9

43 10.6 10.1 15.1



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.83 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

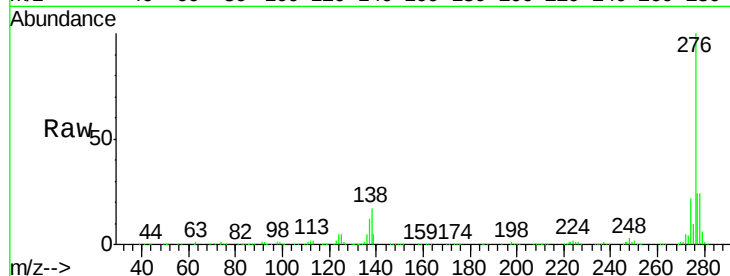
Tgt Ion:276 Resp: 1007951

Ion Ratio Lower Upper

276 100

138 19.0 15.3 22.9

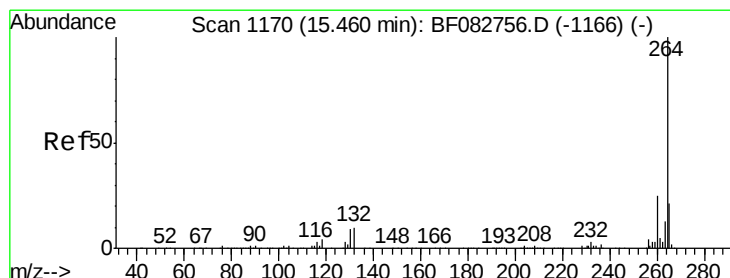
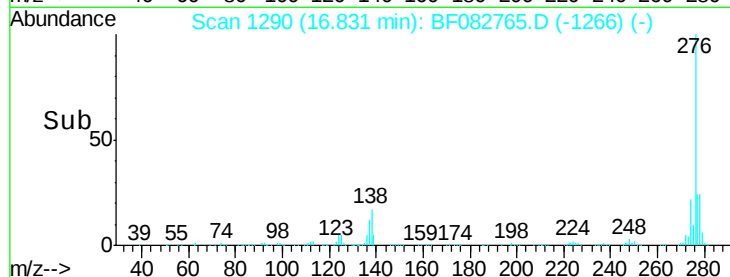
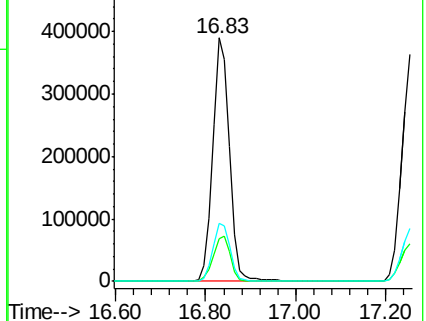
277 24.9 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

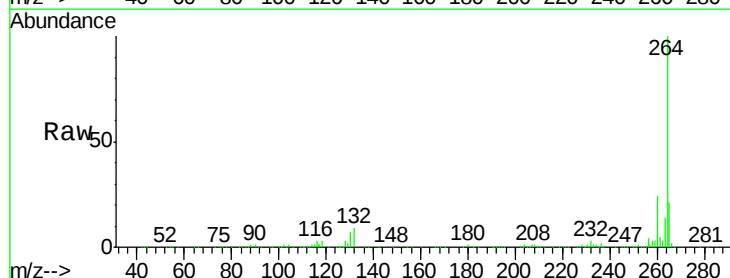
Tgt Ion:264 Resp: 515719

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

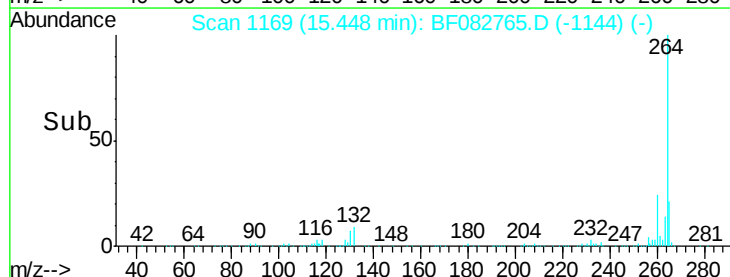
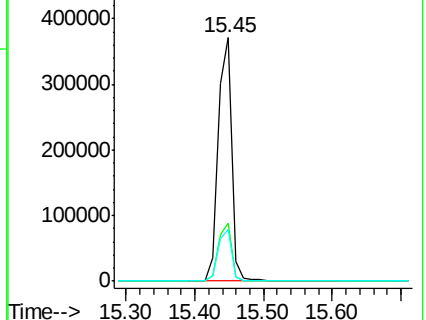
265 21.2 17.4 26.0

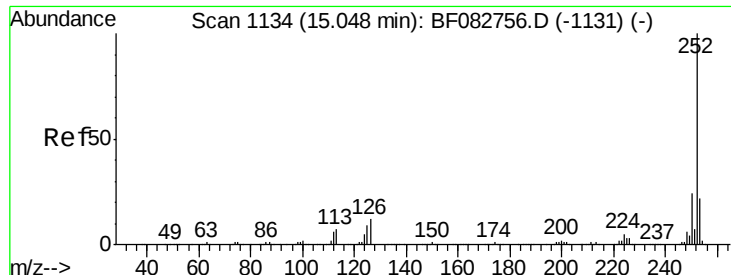


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 32.85 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

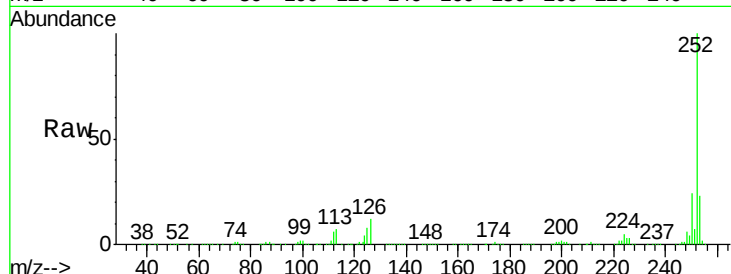
Tgt Ion:252 Resp: 1087565

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

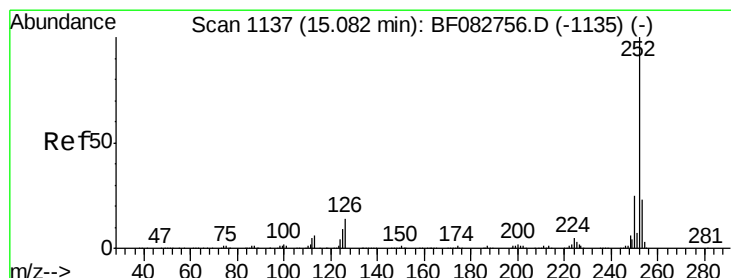
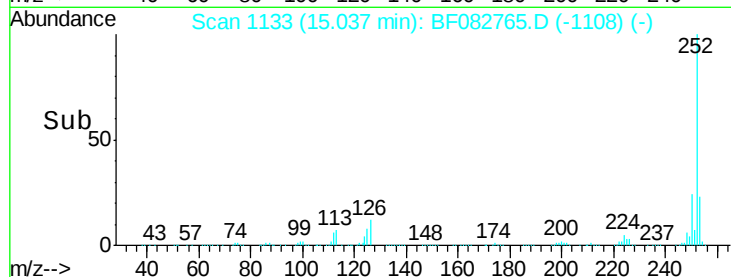
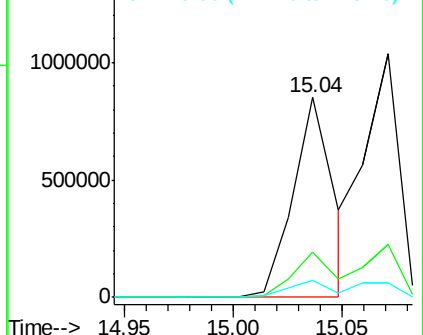
125 8.5 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.04 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.05 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

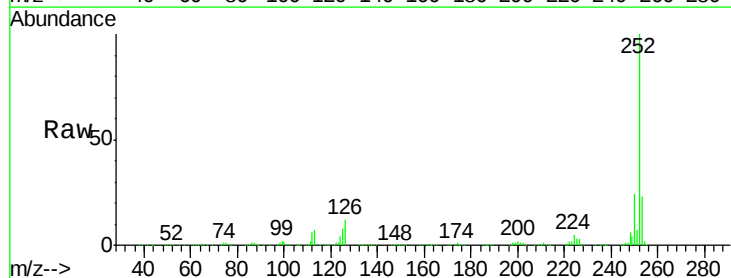
Tgt Ion:252 Resp: 1087565

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

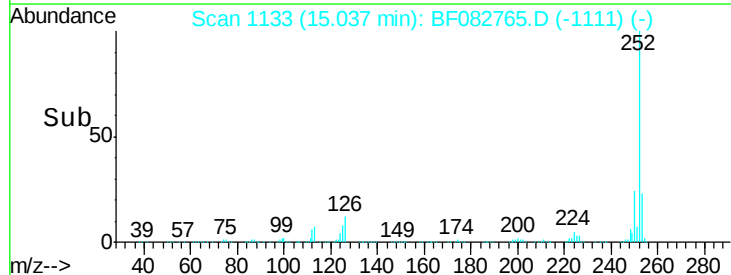
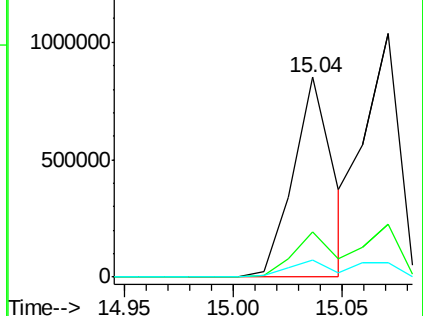
125 8.5 3.5 5.3#

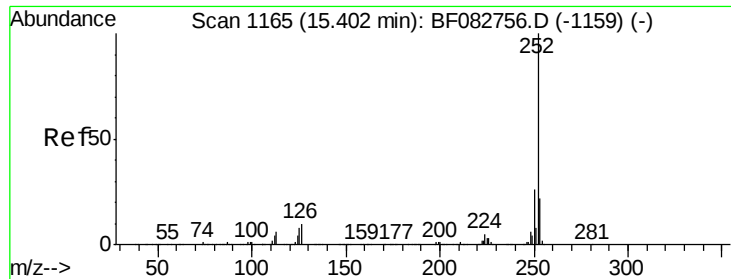


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.12 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

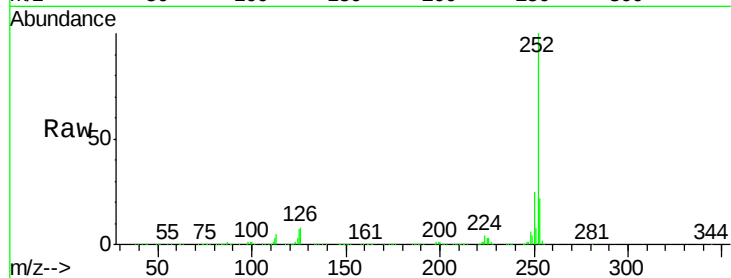
Tgt Ion:252 Resp: 1064604

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

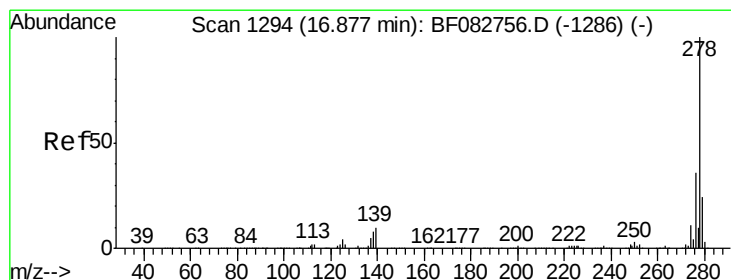
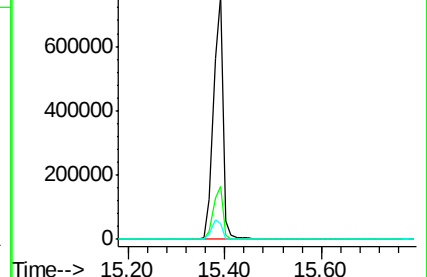
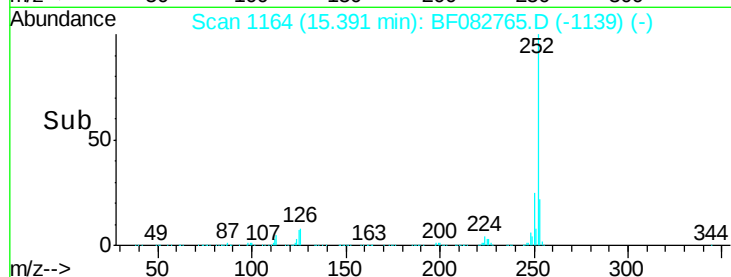
125 6.6 7.1 10.7#



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: 34.84 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

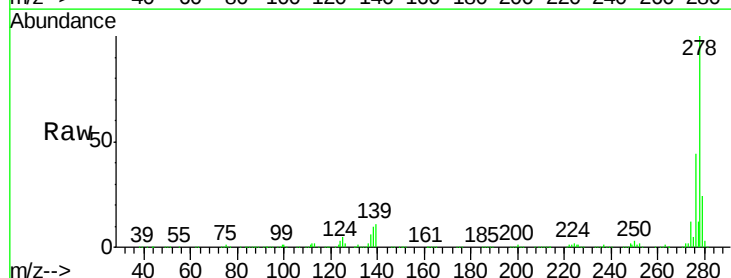
Tgt Ion:278 Resp: 846212

Ion Ratio Lower Upper

278 100

139 11.3 9.9 14.9

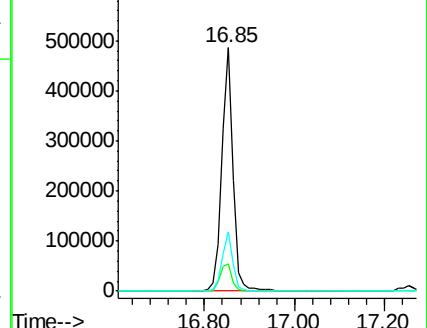
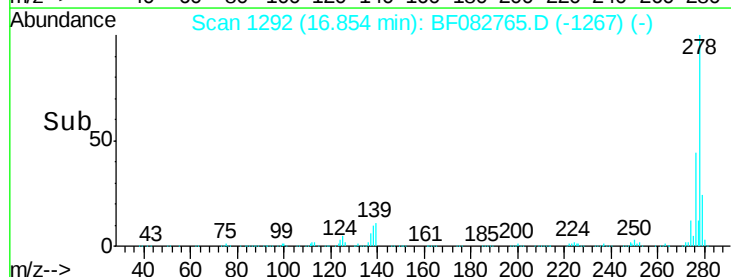
279 24.2 19.6 29.4

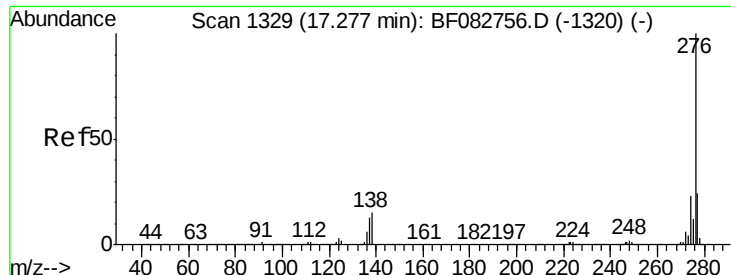


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.51 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF082765.D

Acq: 6 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB86450BSD

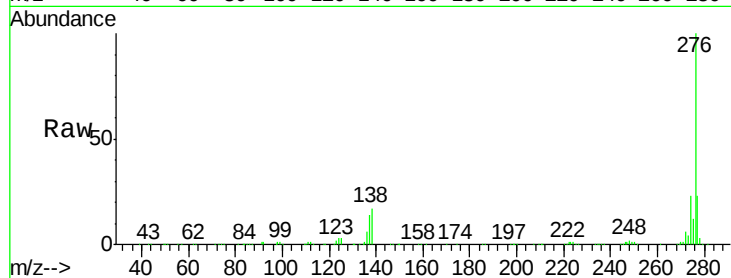
Tgt Ion:276 Resp: 802872

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 16.8 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

