

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082559.D
 Acq On : 27 Oct 2015 21:13
 Operator : UM/IZ
 Sample : G4157-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Quant Time: Oct 28 12:20:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	83813	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	322727	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	155415	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	276549	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	174188	20.00	ng	-0.02
86) Perylene-d12	15.32	264	162901	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	556048	130.97	ng	0.02
7) Phenol-d6	6.39	99	694106	125.44	ng	0.01
23) Nitrobenzene-d5	7.29	82	480062	95.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	161601	138.86	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1001921	102.51	ng	-0.01
78) Terphenyl-d14	12.82	244	762939	126.19	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.41	88	79531	37.32	ng	94
3) Pyridine	3.10	79	143312m	28.85	ng	
4) n-Nitrosodimethylamine	3.01	42	91986	42.11	ng	97
6) Aniline	6.40	93	35612	5.11	ng	# 1
8) 2-Chlorophenol	6.51	128	220027	44.19	ng	93
9) Benzaldehyde	6.26	77	76439	25.61	ng	99
10) Phenol	6.40	94	264364	42.08	ng	# 75
11) bis(2-Chloroethyl)ether	6.46	93	226161	45.37	ng	98
12) 1,3-Dichlorobenzene	6.65	146	257707	43.38	ng	97
13) 1,4-Dichlorobenzene	6.73	146	261947	42.86	ng	97
14) 1,2-Dichlorobenzene	6.88	146	247090m	43.56	ng	
15) Benzyl Alcohol	6.88	79	191024	49.59	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	315976	46.81	ng	87
17) 2-Methylphenol	7.01	107	176691	44.24	ng	98
18) Hexachloroethane	7.21	117	86819	41.73	ng	91
19) n-Nitroso-di-n-propylamine	7.14	70	165347	45.87	ng	99
20) 3+4-Methylphenols	7.17	107	236856	46.42	ng	96
22) Acetophenone	7.13	105	321480	45.91	ng	# 96
24) Nitrobenzene	7.31	77	239593	42.89	ng	93
25) Isophorone	7.55	82	448342	45.11	ng	99
26) 2-Nitrophenol	7.62	139	122747	45.49	ng	# 72
27) 2,4-Dimethylphenol	7.68	122	206519	47.09	ng	94
28) bis(2-Chloroethoxy)methane	7.76	93	271175	46.53	ng	99
29) 2,4-Dichlorophenol	7.89	162	205132	46.89	ng	92
30) 1,2,4-Trichlorobenzene	7.94	180	220050	44.49	ng	98
31) Naphthalene	8.02	128	670526	45.46	ng	99
32) Benzoic acid	7.84	122	111091	45.22	ng	95
33) 4-Chloroaniline	8.10	127	29601	5.18	ng	98
34) Hexachlorobutadiene	8.14	225	130883	45.75	ng	99
35) Caprolactam	8.48	113	49384m	40.61	ng	
36) 4-Chloro-3-methylphenol	8.59	107	201589	47.39	ng	97
37) 2-Methylnaphthalene	8.72	142	469678	47.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	222464	47.42	ng	98
40) Hexachlorocyclopentadiene	8.86	237	75579	62.04	ng	99

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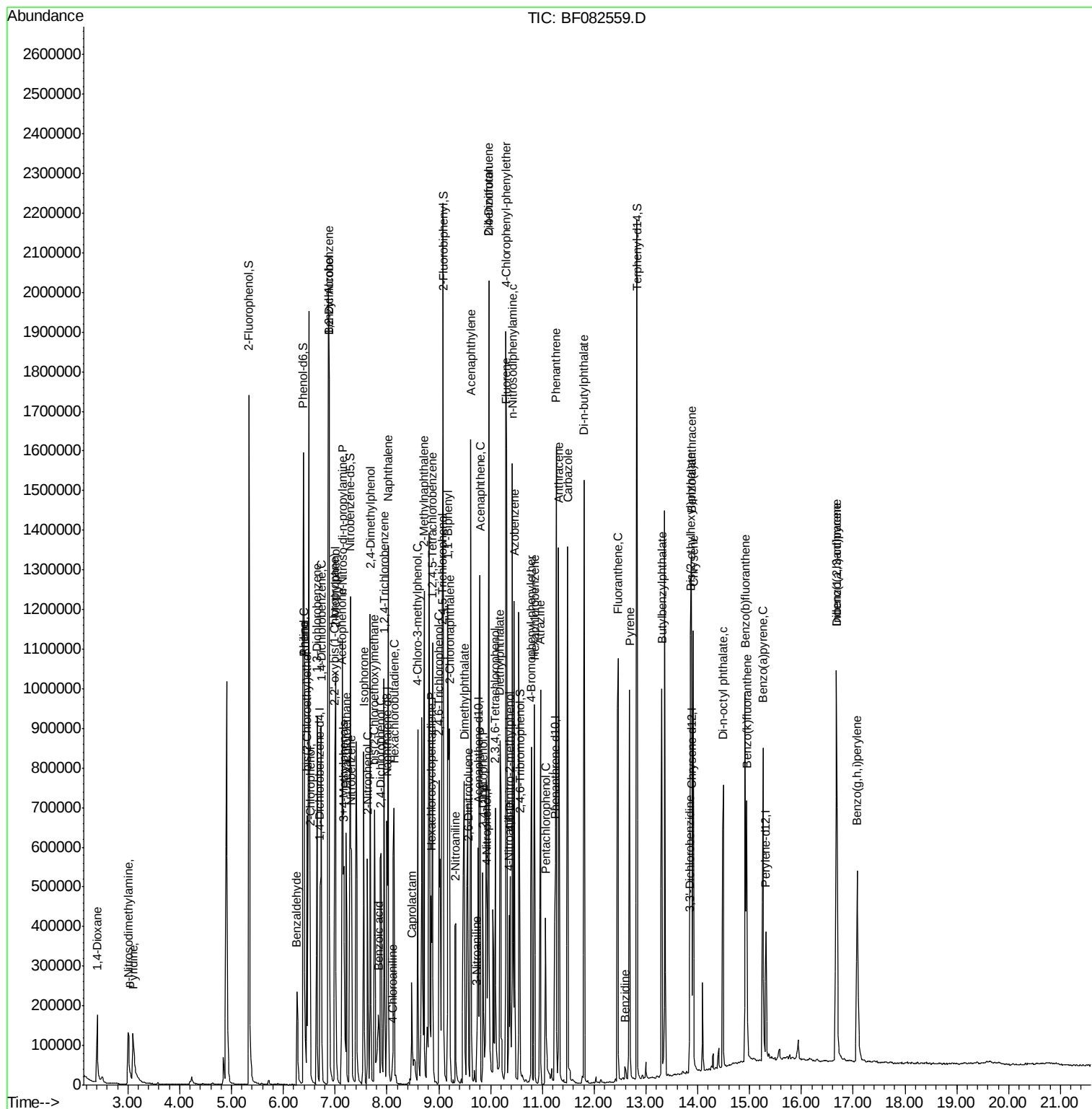
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	131218	44.87	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	141262	46.07	nq	# 92
45) 1,1'-Biphenyl	9.18	154	541216	46.79	nq	97
46) 2-Chloronaphthalene	9.21	162	438643	48.11	nq	96
47) 2-Nitroaniline	9.31	65	117796	44.49	nq	96
48) Acenaphthylene	9.62	152	699825	47.93	nq	98
49) Dimethylphthalate	9.50	163	528963	48.92	nq	99
50) 2,6-Dinitrotoluene	9.57	165	111725	47.12	nq	93
51) Acenaphthene	9.79	154	407126	48.62	nq	98
52) 3-Nitroaniline	9.74	138	27444	10.67	nq	95
53) 2,4-Dinitrophenol	9.85	184	110150	89.29	nq	93
54) Dibenzofuran	9.97	168	604080	49.44	nq	97
55) 4-Nitrophenol	9.93	139	64806m	60.27	nq	
56) 2,4-Dinitrotoluene	9.97	165	143324	49.84	nq	94
57) Fluorene	10.31	166	498038	49.65	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	113882	48.51	nq	97
59) Diethylphthalate	10.18	149	506856	48.16	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	228615	48.47	nq	# 81
61) 4-Nitroaniline	10.35	138	92618	35.95	nq	98
62) Azobenzene	10.46	77	499078	49.09	nq	82
64) 4,6-Dinitro-2-methylphenol	10.38	198	82840	51.06	nq	96
65) n-Nitrosodiphenylamine	10.42	169	414238	49.51	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	141639	54.57	nq	# 81
67) Hexachlorobenzene	10.85	284	136601	49.35	nq	# 76
68) Atrazine	10.96	200	144192	55.67	nq	99
69) Pentachlorophenol	11.06	266	90376	80.03	nq	97
70) Phenanthrene	11.27	178	710015	49.89	nq	100
71) Anthracene	11.31	178	712101	49.68	nq	100
72) Carbazole	11.49	167	622951	49.29	nq	99
73) Di-n-butylphthalate	11.81	149	797545	52.90	nq	99
74) Fluoranthene	12.46	202	670786	45.92	nq	94
76) Benzidine	12.60	184	19266m	4.03	nq	
77) Pyrene	12.69	202	644631	60.17	nq	98
79) Butylbenzylphthalate	13.30	149	281538	62.49	nq	# 78
80) Benzo(a)anthracene	13.88	228	479035	51.30	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	66137	20.42	nq	97
82) Chrysene	13.91	228	404680	45.87	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	353228	58.55	nq	100
84) Di-n-octyl phthalate	14.49	149	507206	50.94	nq	# 98
85) Indeno(1,2,3-cd)pyrene	16.68	276	475109	58.62	nq	100
87) Benzo(b)fluoranthene	14.92	252	396902m	41.03	nq	
88) Benzo(k)fluoranthene	14.95	252	414959m	52.62	nq	
89) Benzo(a)pyrene	15.26	252	413518	49.34	nq	# 98
90) Dibenzo(a,h)anthracene	16.68	278	402201	57.36	nq	96
91) Benzo(g,h,i)perylene	17.08	276	408025	58.81	nq	96

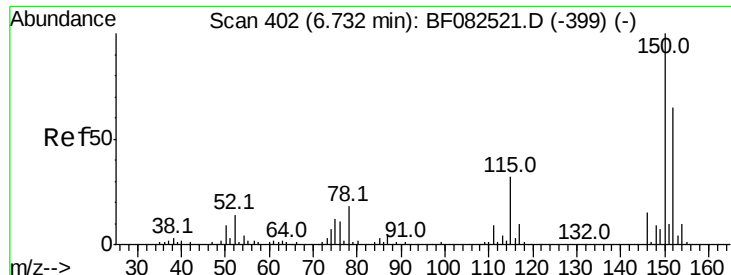
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

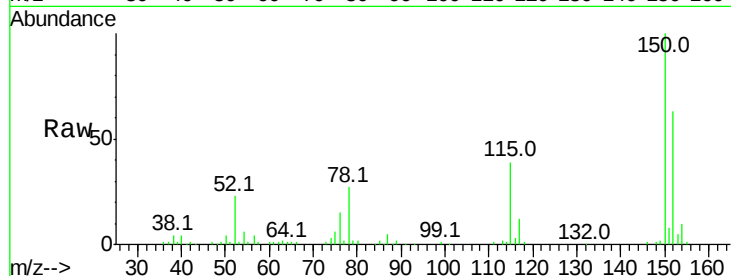
Tot Ion:152 Resp: 83813

Ion Ratio Lower Upper

152 100

150 158.0 123.4 185.0

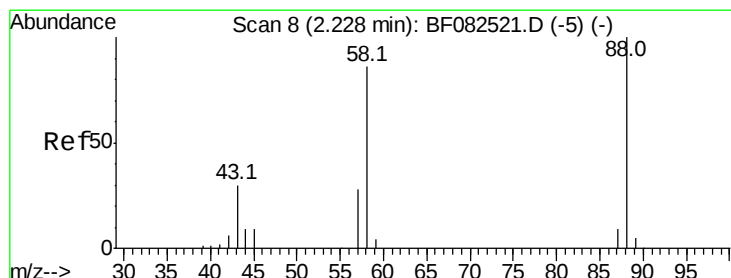
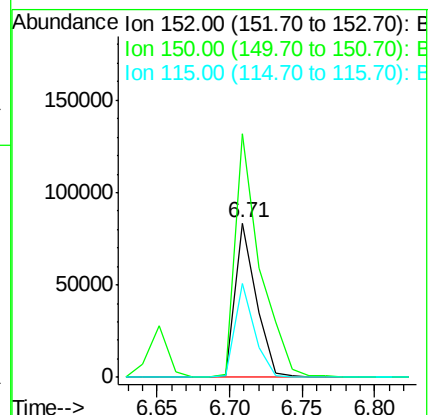
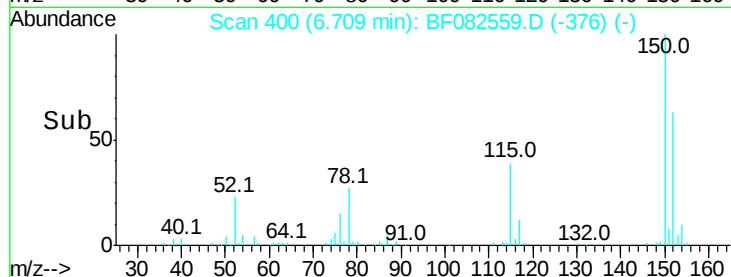
115 61.1 39.0 58.4#



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: 37.32 ng

RT: 2.41 min Scan# 24

Delta R.T. 0.18 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

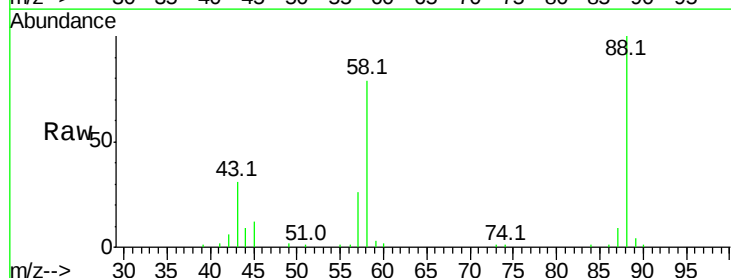
Tgt Ion: 88 Resp: 79531

Ion Ratio Lower Upper

88 100

58 85.0 63.0 94.4

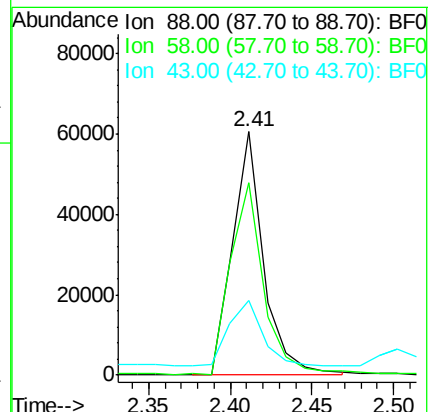
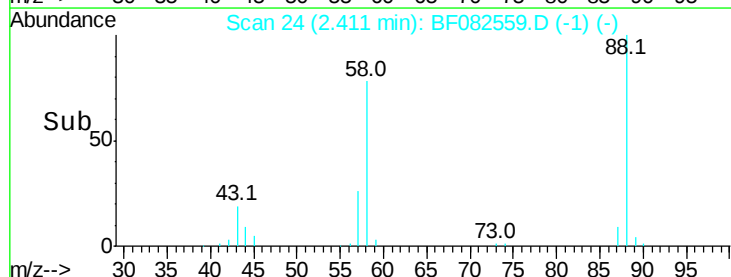
43 28.8 22.5 33.7

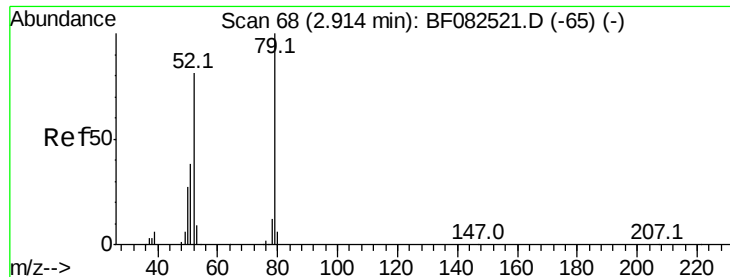


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvrindine

Concen: 28.85 ng/ml

RT: 3.10 min Scan# 84

Delta R.T. 0.18 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

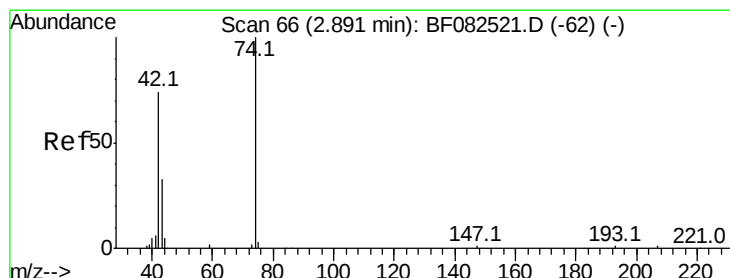
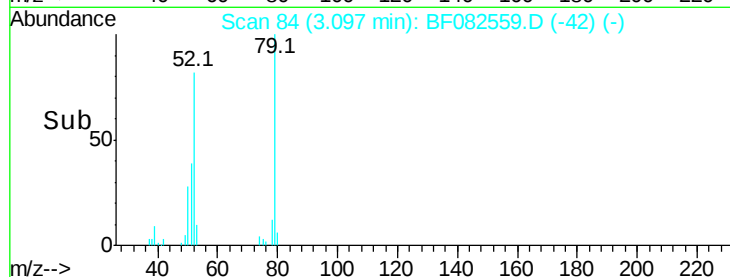
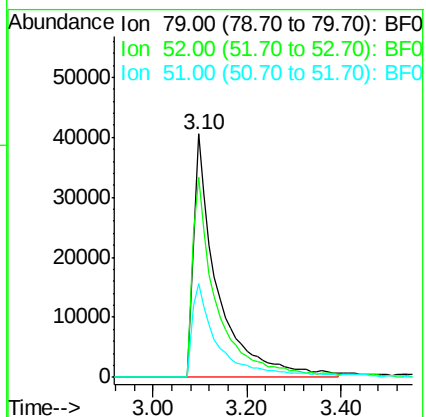
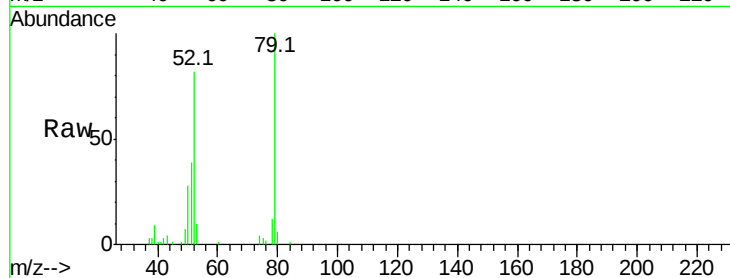
Tot Ion: 79 Resp: 143312

Ion Ratio Lower Upper

79 100

52 82.0 64.4 96.6

51 38.5 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 42.11 ng/ml

RT: 3.01 min Scan# 76

Delta R.T. 0.11 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

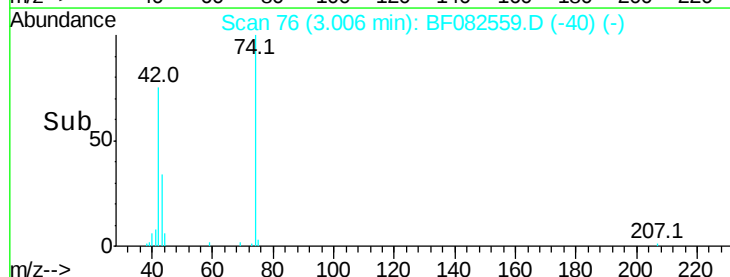
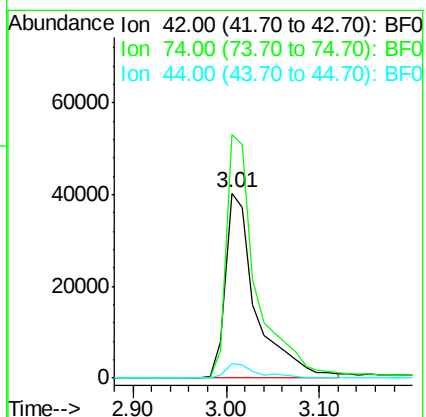
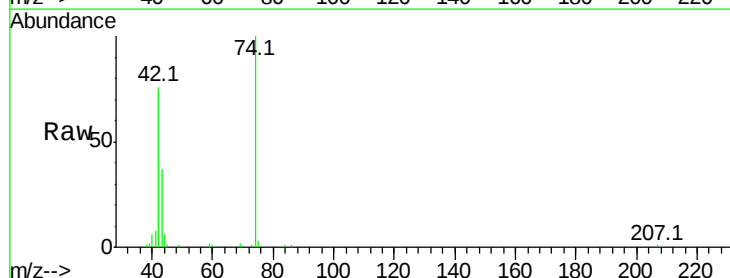
Tgt Ion: 42 Resp: 91986

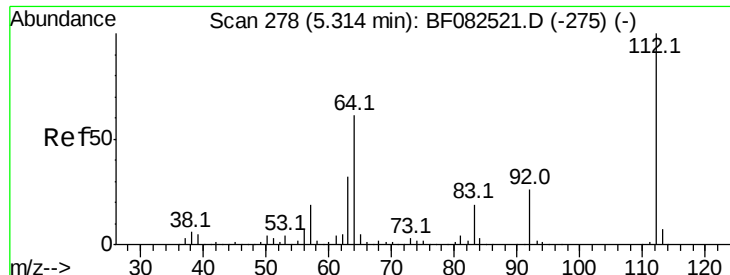
Ion Ratio Lower Upper

42 100

74 131.4 108.3 162.5

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 130.97 ng

RT: 5.34 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

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ClientSampleId :

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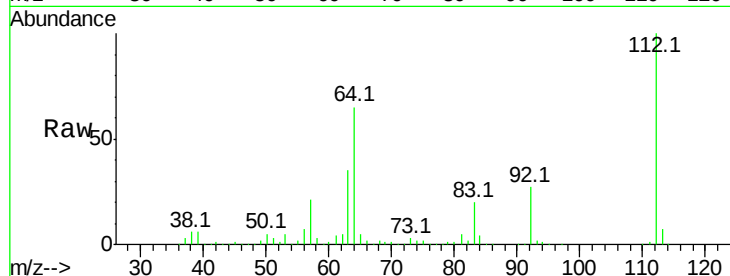
Tot Ion:112 Resp: 556048

Ion Ratio Lower Upper

112 100

64 65.3 49.0 73.4

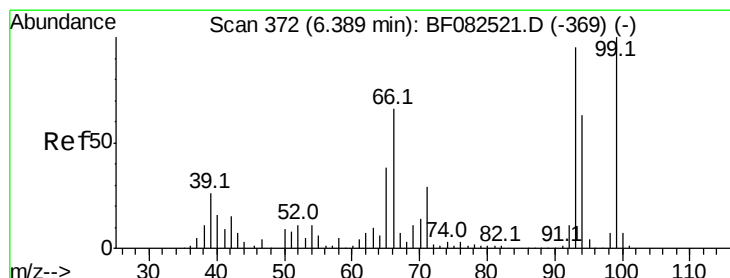
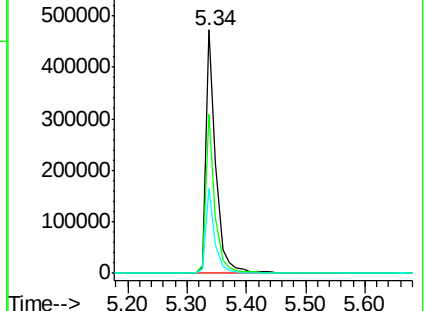
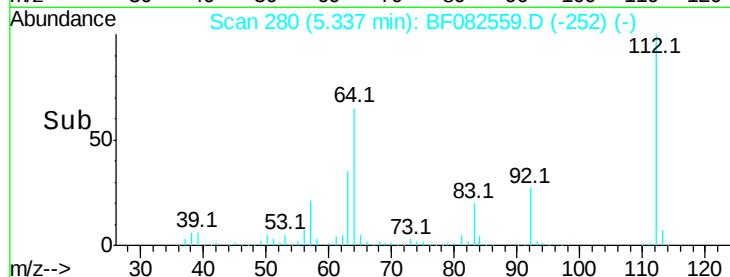
63 34.6 25.8 38.6



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: 5.11 ng

RT: 6.40 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

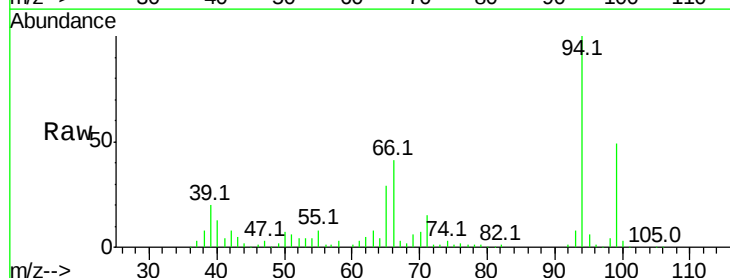
Tgt Ion: 93 Resp: 35612

Ion Ratio Lower Upper

93 100

66 545.7 55.9 83.9#

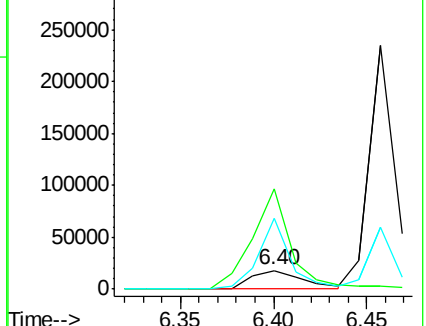
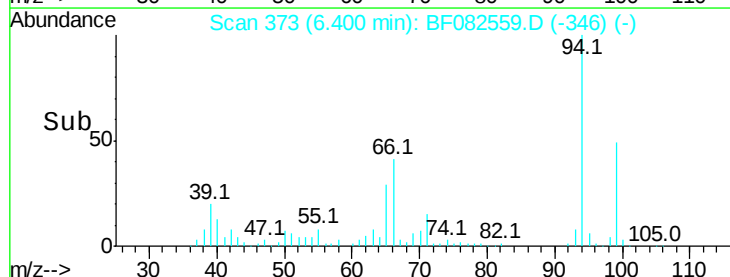
65 384.6 31.8 47.6#

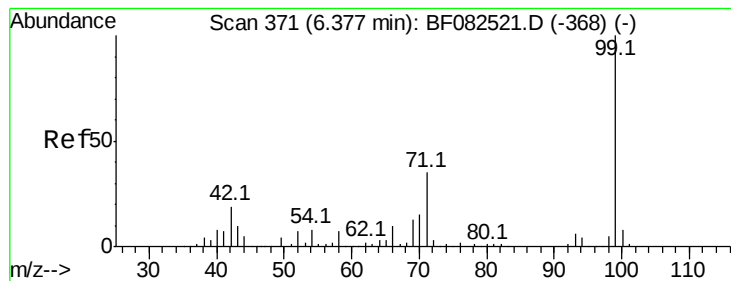


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.44 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

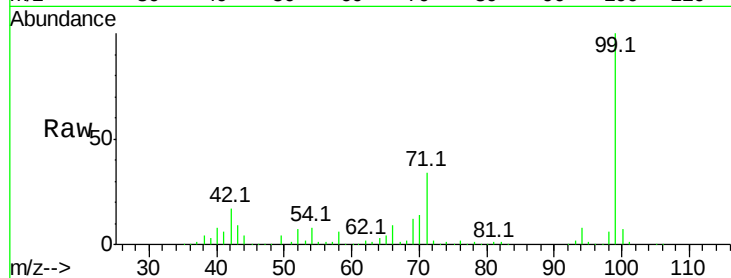
BNA_F

ClientSampleId :

SB-1MS

Tot Ion: 99 Resp: 694106

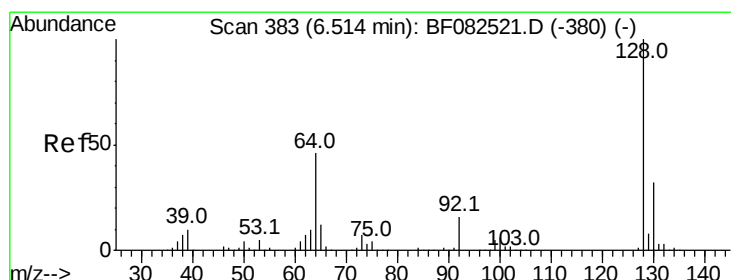
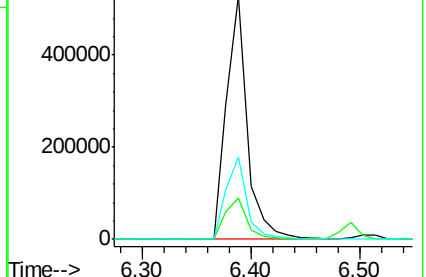
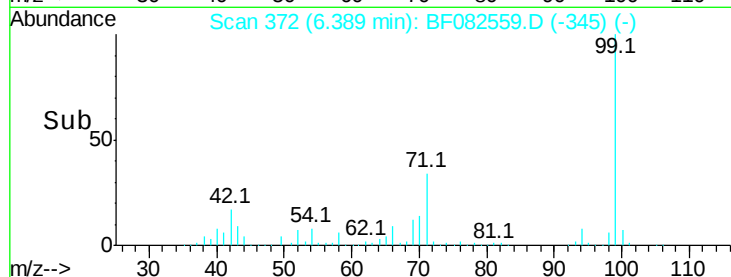
Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.1	22.7
71	33.6	28.2	42.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.19 ng

RT: 6.51 min Scan# 383

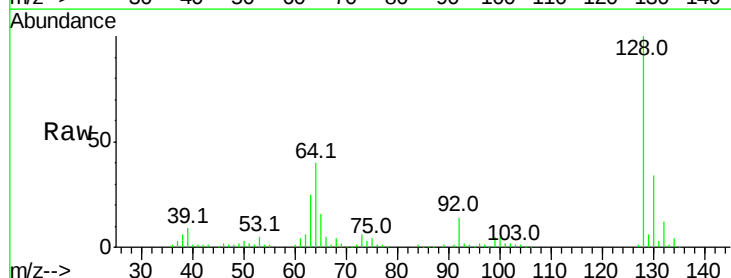
Delta R.T. 0.00 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Tgt Ion: 128 Resp: 220027

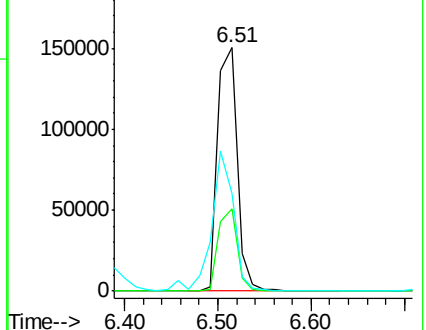
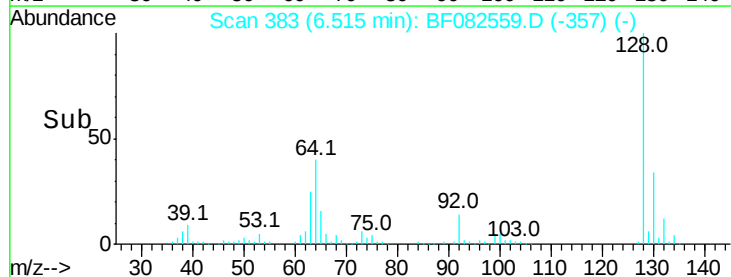
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.1	52.1
64	40.1	26.7	66.7

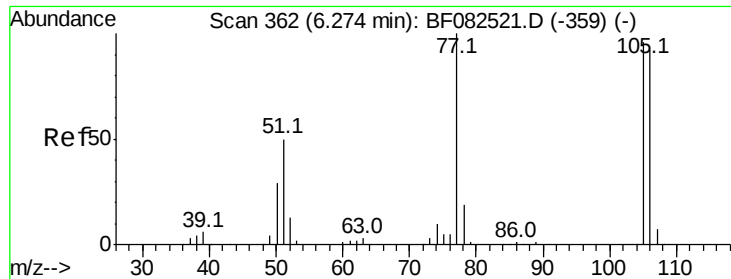


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

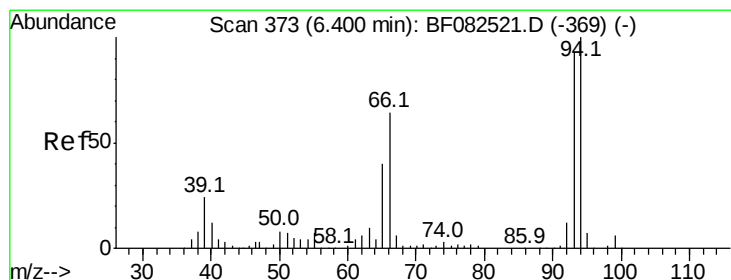
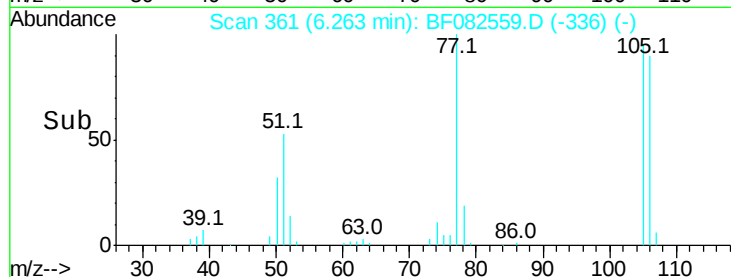
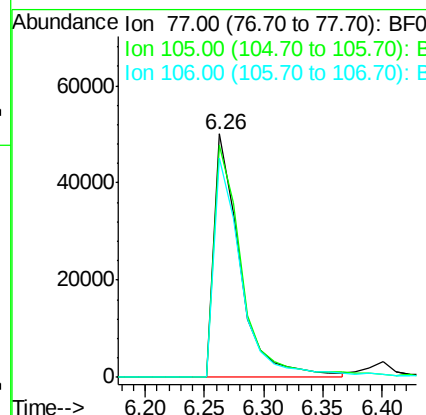
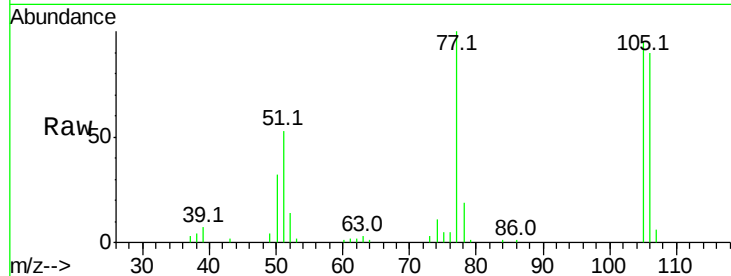




#9
Benzaldehyde
Concen: 25.61 ng
RT: 6.26 min Scan# 361
Delta R.T. -0.01 min
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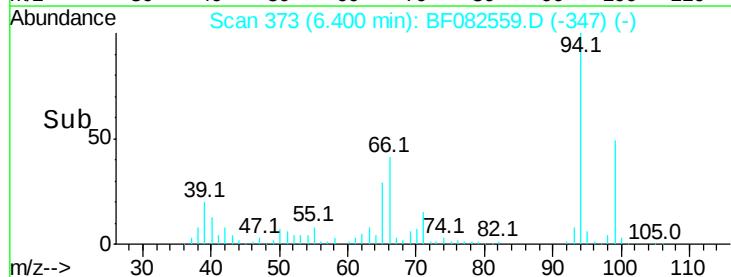
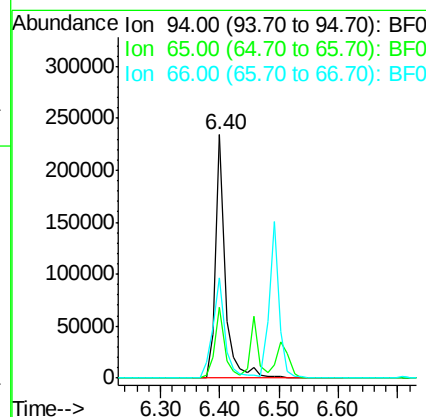
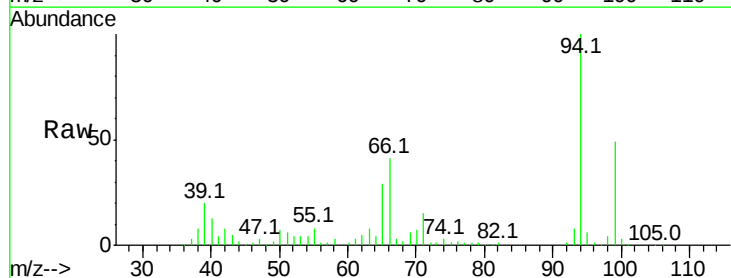
Instrument :
BNA_F
ClientSampleId :
SB-1MS

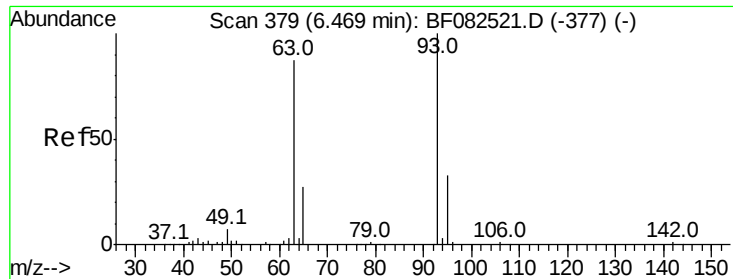
Tot Ion: 77 Resp: 76439
Ion Ratio Lower Upper
77 100
105 95.2 75.9 115.9
106 90.2 71.8 111.8



#10
Phenol
Concen: 42.08 ng
RT: 6.40 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion: 94 Resp: 264364
Ion Ratio Lower Upper
94 100
65 29.1 19.9 59.9
66 41.3 44.1 84.1#





#11

bis(2-Chloroethyl)ether

Concen: 45.37 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

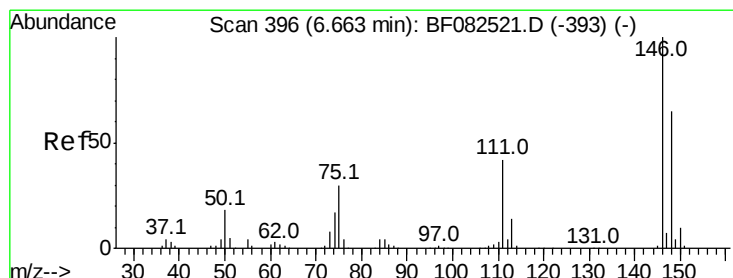
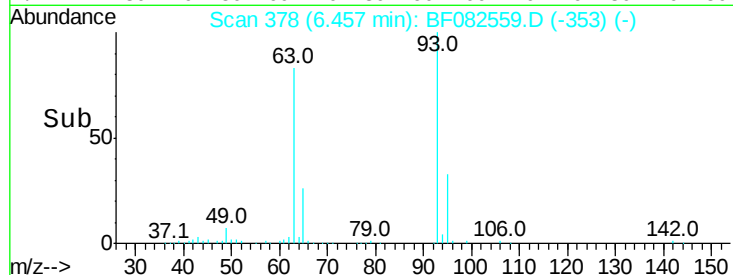
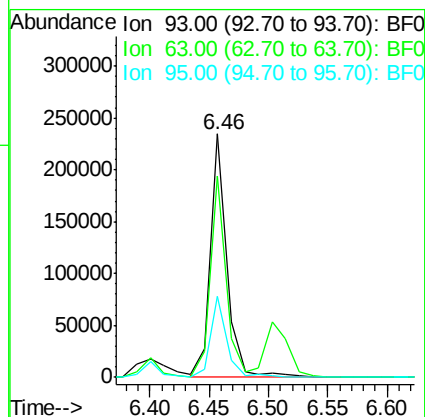
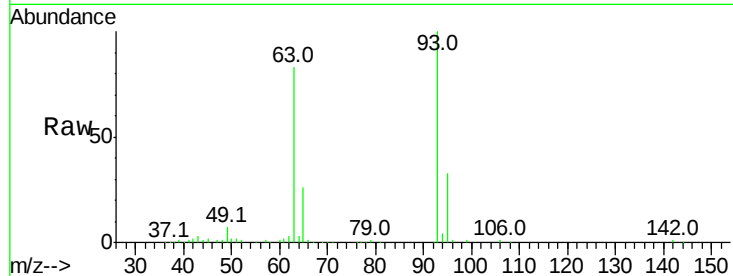
Tot Ion: 93 Resp: 226161

Ion Ratio Lower Upper

93 100

63 82.8 65.2 105.2

95 33.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.38 ng

RT: 6.65 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

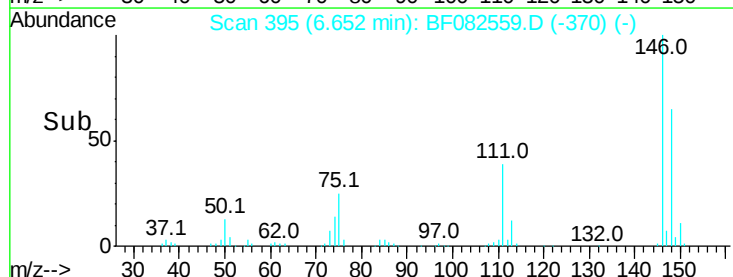
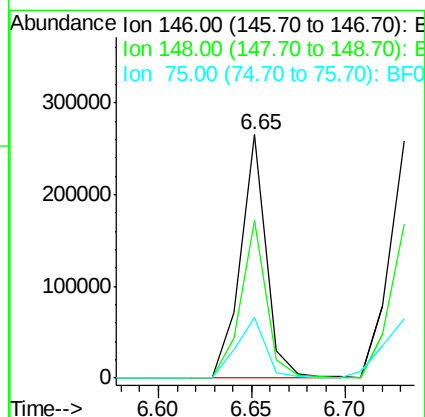
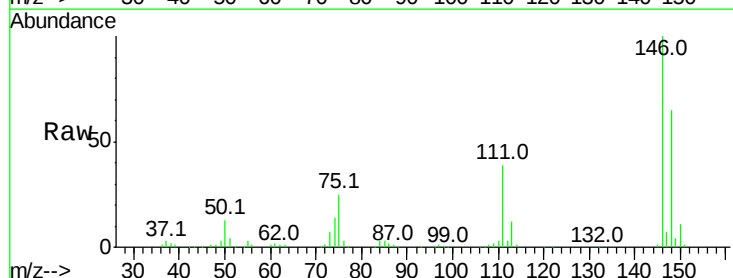
Tgt Ion: 146 Resp: 257707

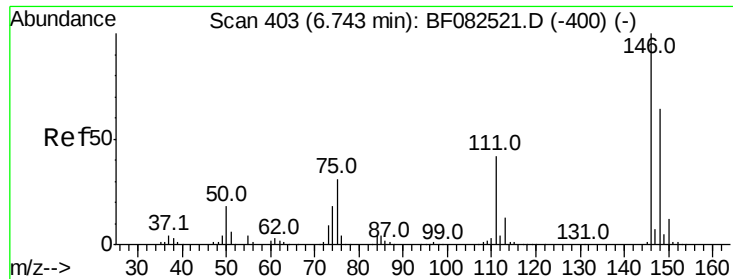
Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

75 24.9 24.3 36.5

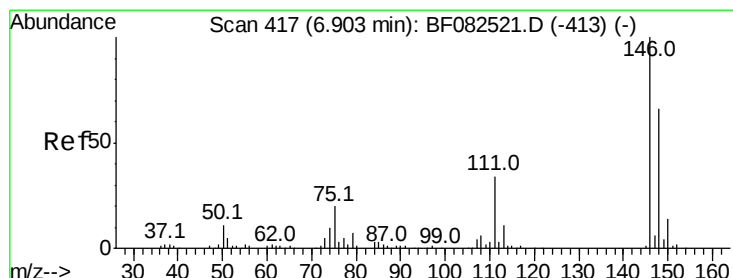
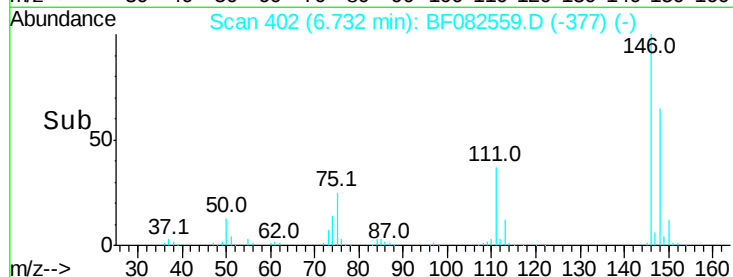
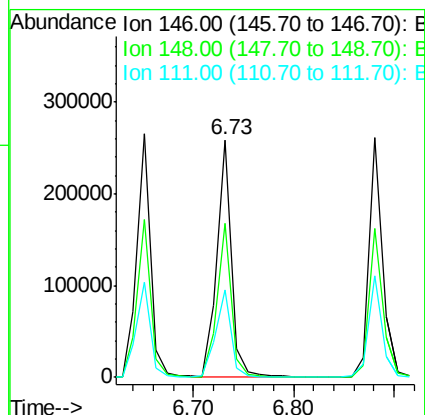
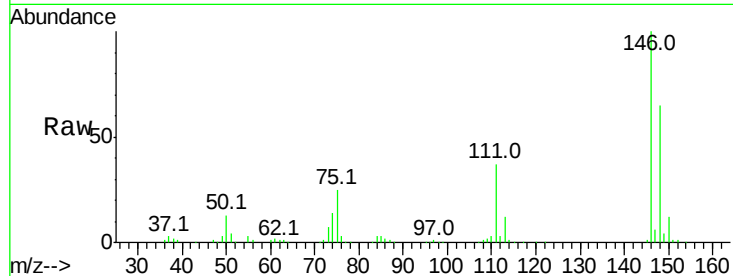




#13
 1,4-Dichlorobenzene
 Concen: 42.86 ng
 RT: 6.73 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

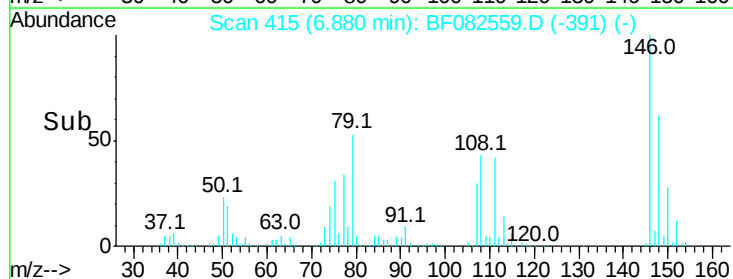
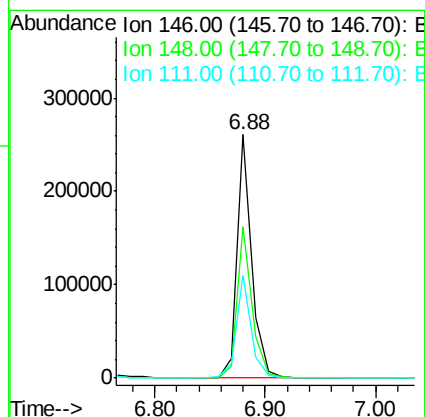
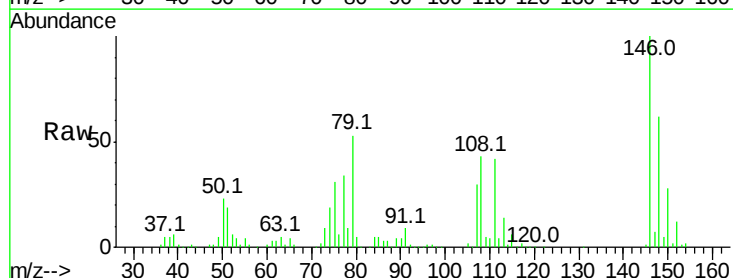
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

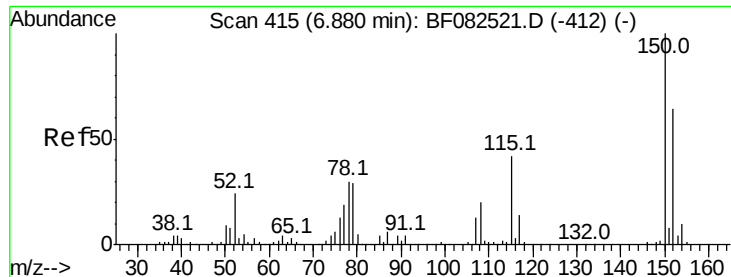
Tot Ion:146 Resp: 261947
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.0
 111 36.9 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 43.56 ng m
 RT: 6.88 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Tgt Ion:146 Resp: 247090
 Ion Ratio Lower Upper
 146 100
 148 62.2 53.0 79.4
 111 42.2 27.5 41.3#





#15

Benzyl Alcohol

Concen: 49.59 ng

RT: 6.88 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampled :

SB-1MS

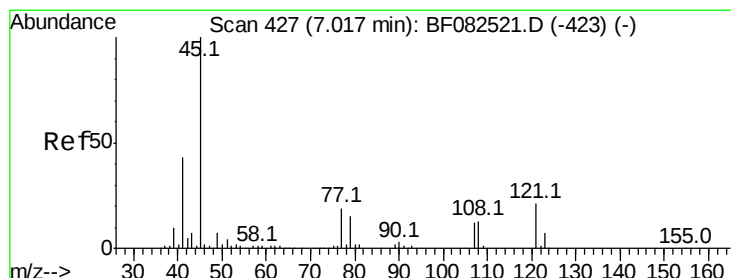
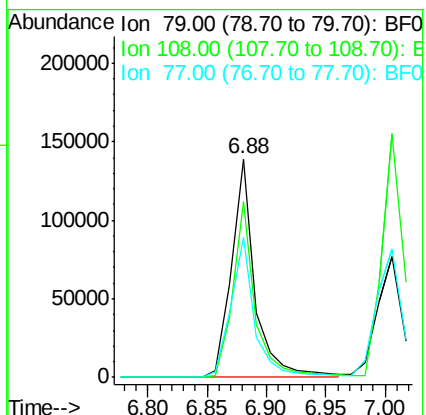
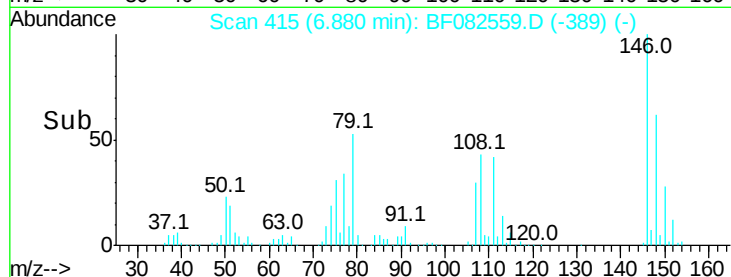
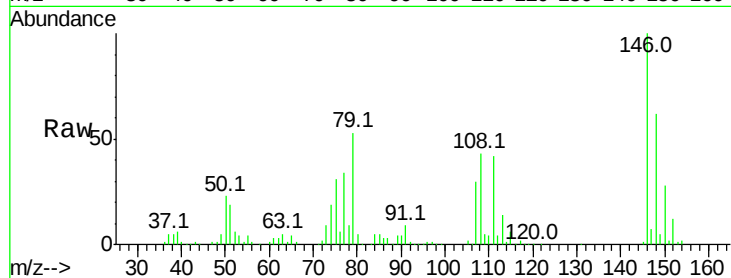
Tot Ion: 79 Resp: 191024

Ion Ratio Lower Upper

79 100

108 80.4 55.0 82.6

77 64.0 52.5 78.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.81 ng

RT: 6.99 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

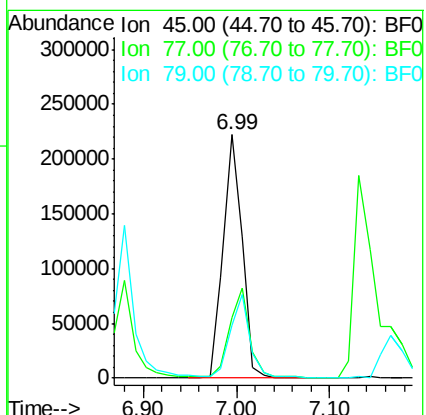
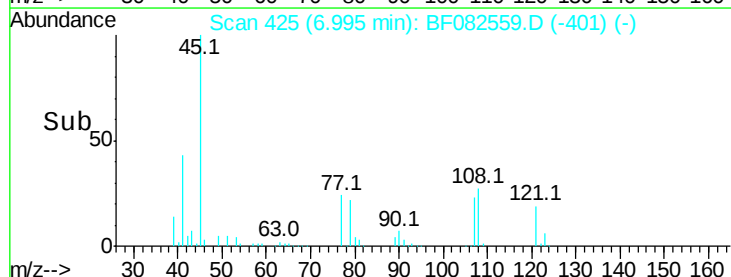
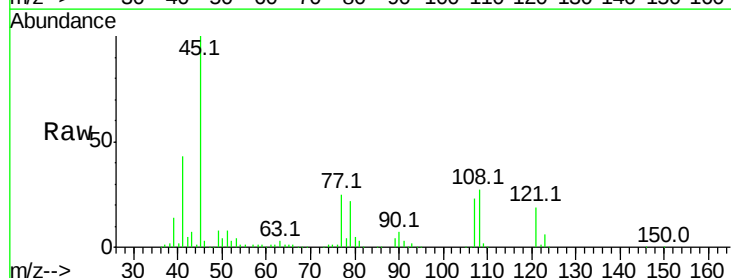
Tgt Ion: 45 Resp: 315976

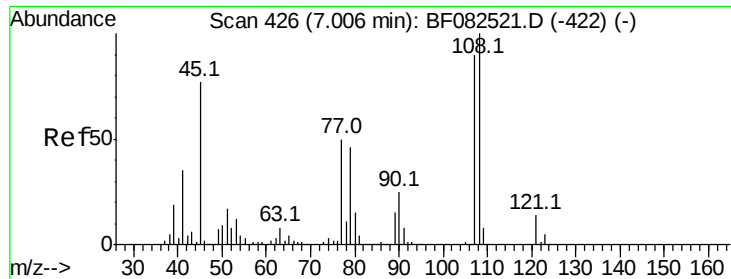
Ion Ratio Lower Upper

45 100

77 24.9 0.0 39.3

79 21.9 0.0 35.7

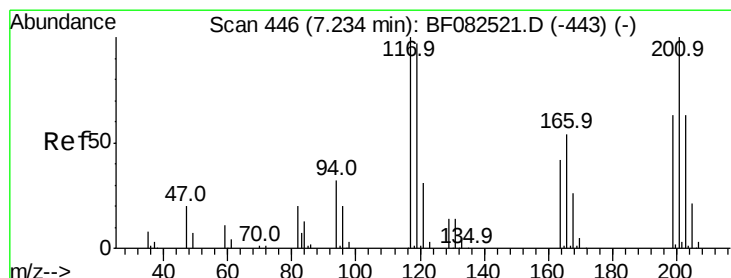
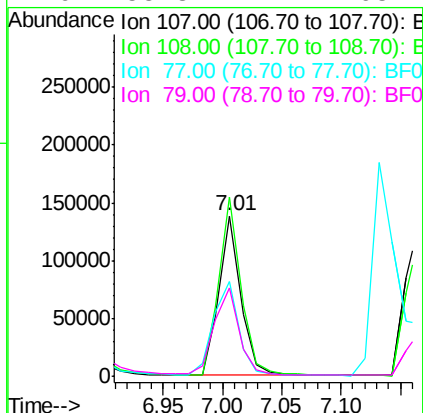
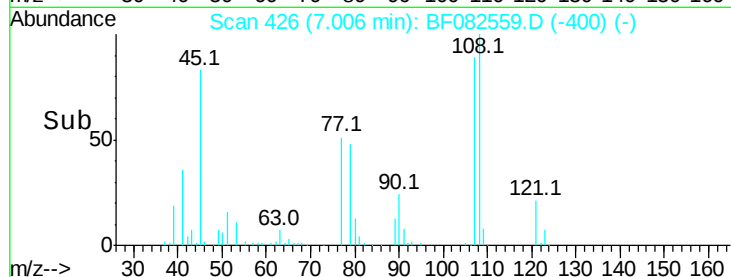
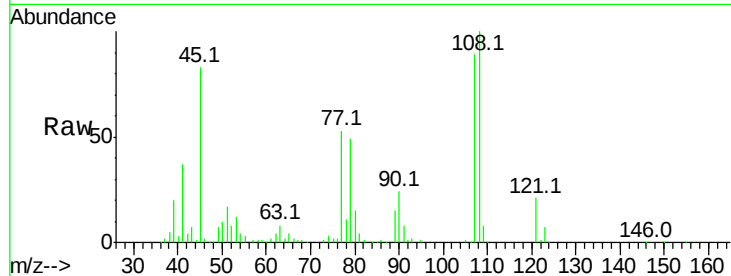




#17
2-Methylphenol
Concen: 44.24 ng
RT: 7.01 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

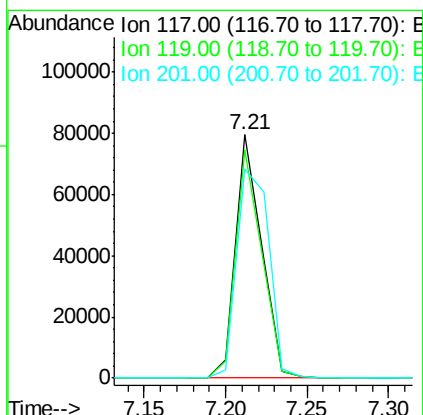
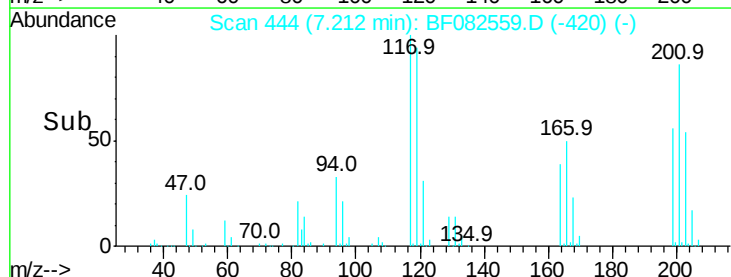
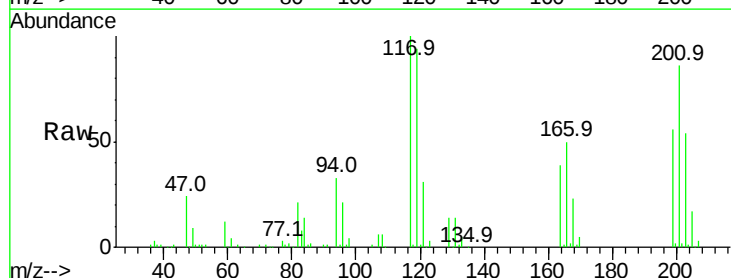
Instrument :
BNA_F
ClientSampled :
SB-1MS

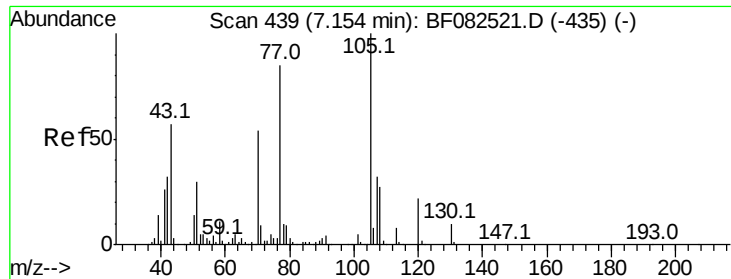
Tot Ion:107 Resp: 176691
Ion Ratio Lower Upper
107 100
108 111.9 89.4 134.2
77 59.0 44.8 67.2
79 55.3 42.1 63.1



#18
Hexachloroethane
Concen: 41.73 ng
RT: 7.21 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion:117 Resp: 86819
Ion Ratio Lower Upper
117 100
119 93.9 77.5 116.3
201 86.0 80.1 120.1

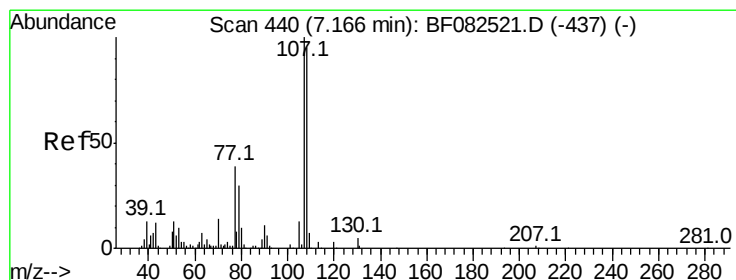
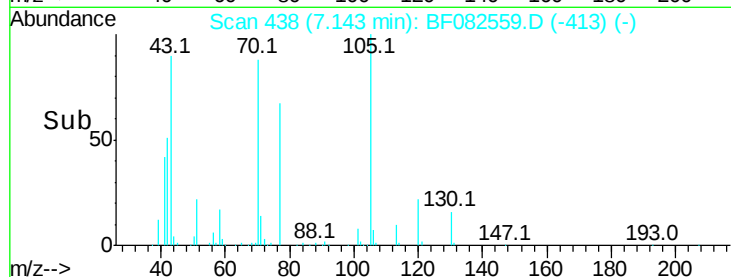
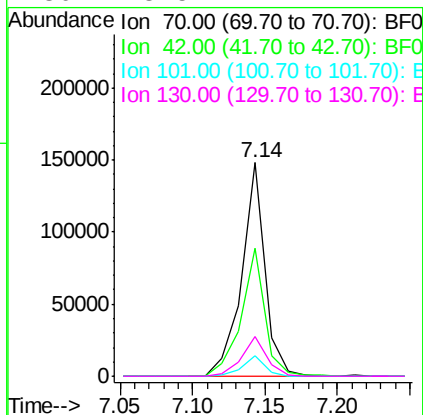
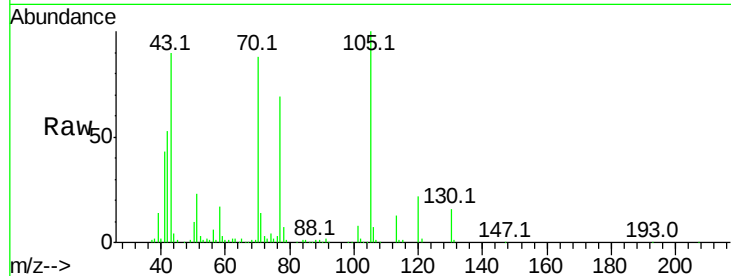




#19
n-Nitroso-di-n-propylamine
Concen: 45.87 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

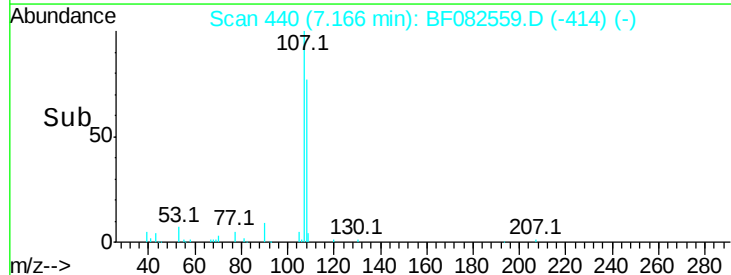
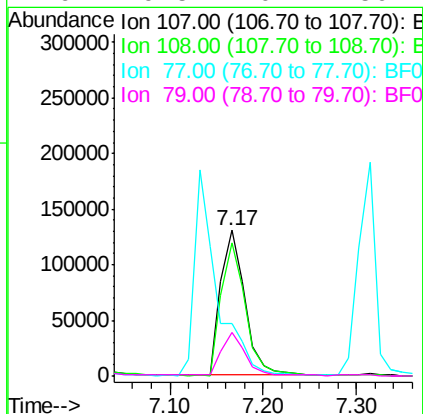
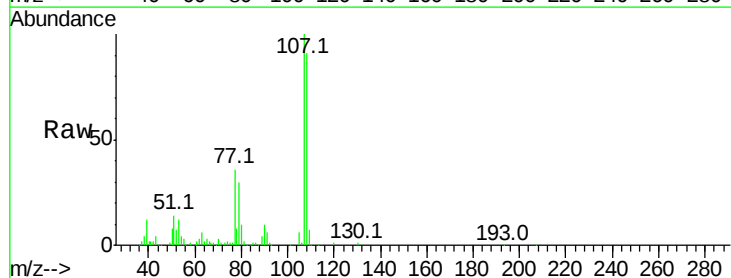
Instrument :
BNA_F
ClientSampleId :
SB-1MS

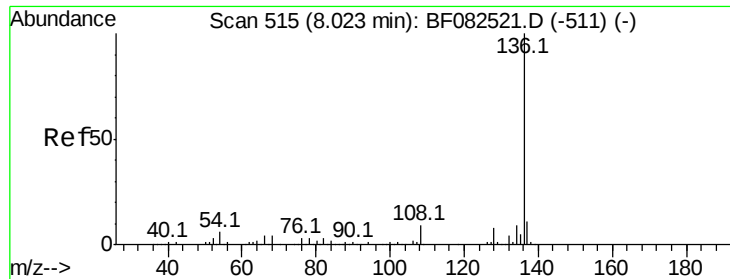
Tot Ion: 70 Resp: 165347
Ion Ratio Lower Upper
70 100
42 59.8 46.9 70.3
101 9.4 7.4 11.2
130 18.5 14.2 21.4



#20
3+4-Methylphenols
Concen: 46.42 ng
RT: 7.17 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion:107 Resp: 236856
Ion Ratio Lower Upper
107 100
108 91.4 74.8 114.8
77 35.7 20.3 60.3
79 29.5 10.2 50.2

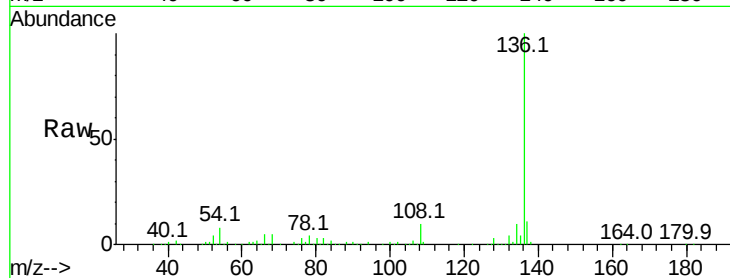




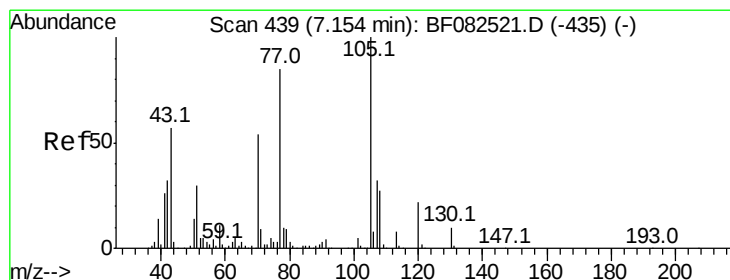
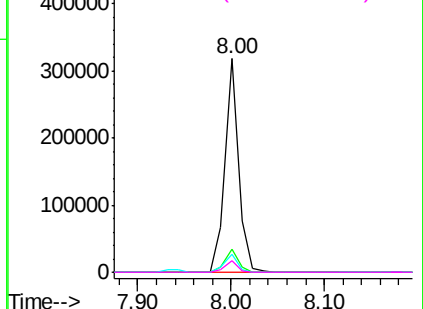
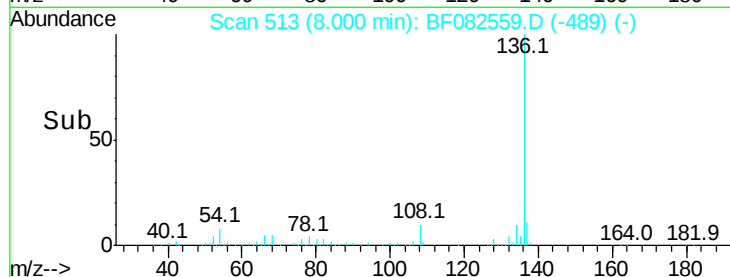
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tot Ion:136	Resp:	322727
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.6 13.0
54	8.4	4.6 7.0#
68	5.3	3.2 4.8#

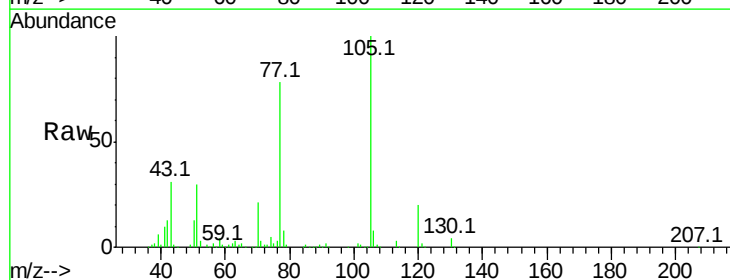


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

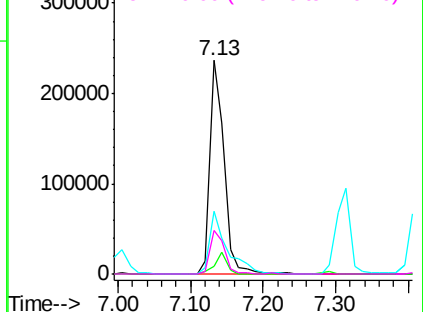
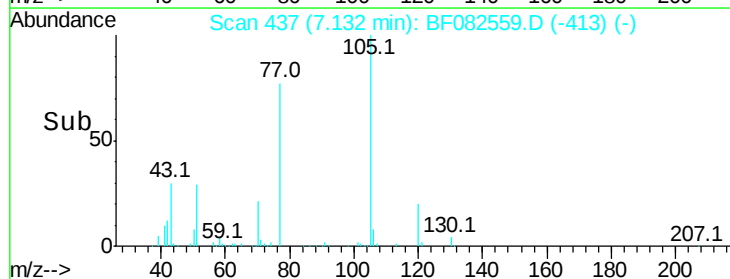


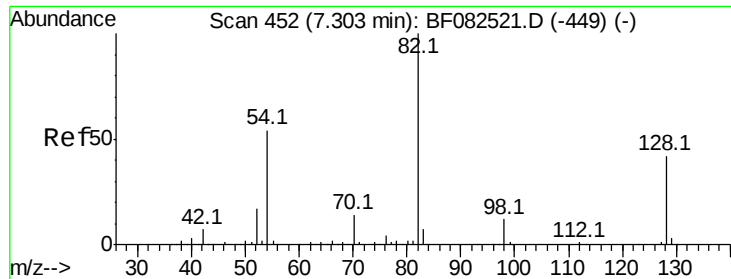
#22
Acetophenone
Concen: 45.91 ng
RT: 7.13 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion:105	Resp:	321480
Ion Ratio	Lower	Upper
105	100	
71	3.5	7.1 10.7#
51	29.6	24.4 36.6
120	20.1	17.3 25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

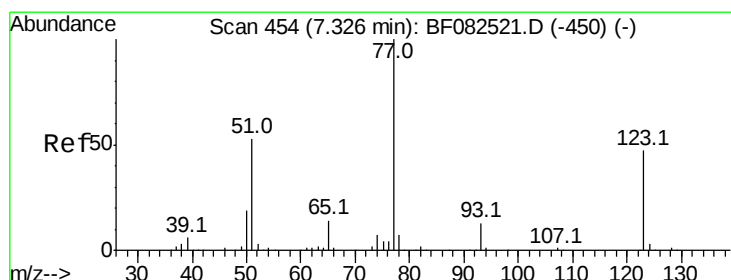
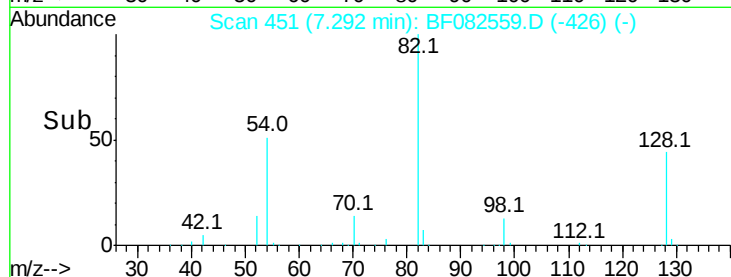
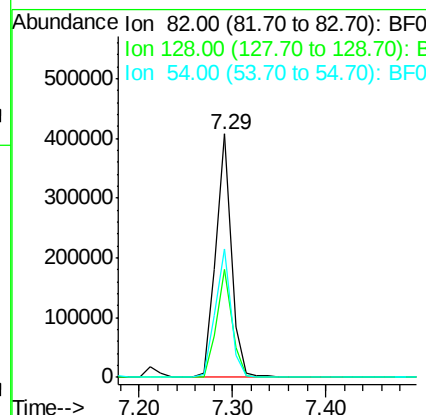
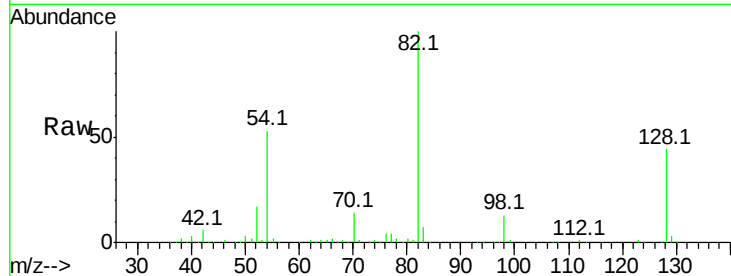




#23
Nitrobenzene-d5
Concen: 95.96 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

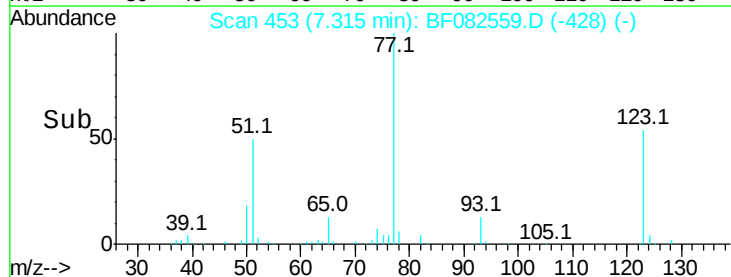
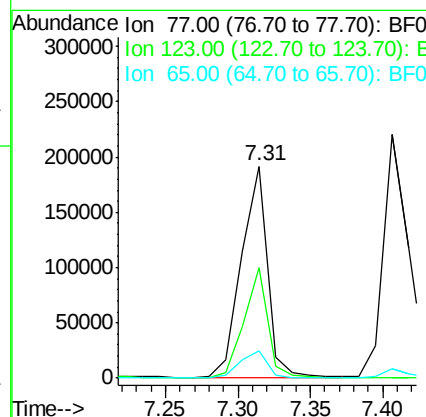
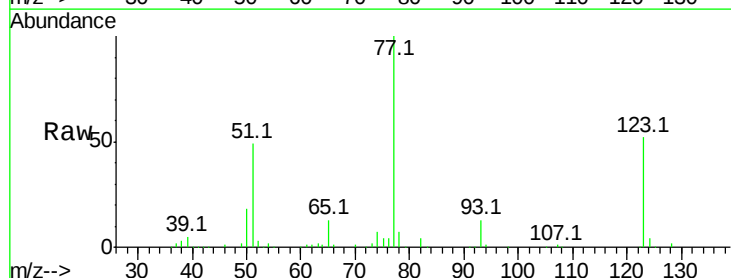
Instrument :
BNA_F
ClientSampleId :
SB-1MS

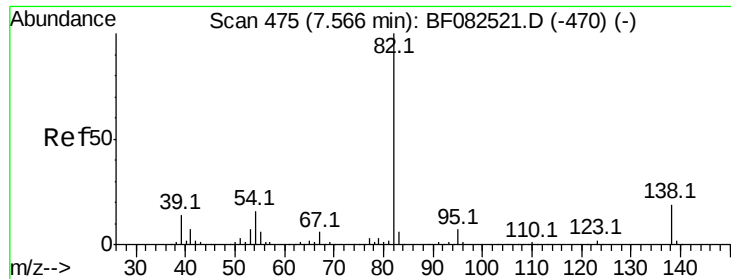
Tot Ion: 82 Resp: 480062
Ion Ratio Lower Upper
82 100
128 44.4 33.4 50.0
54 52.8 43.5 65.3



#24
Nitrobenzene
Concen: 42.89 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion: 77 Resp: 239593
Ion Ratio Lower Upper
77 100
123 52.2 37.4 56.0
65 12.7 11.0 16.4





#25

Isophorone

Concen: 45.11 ng

RT: 7.55 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

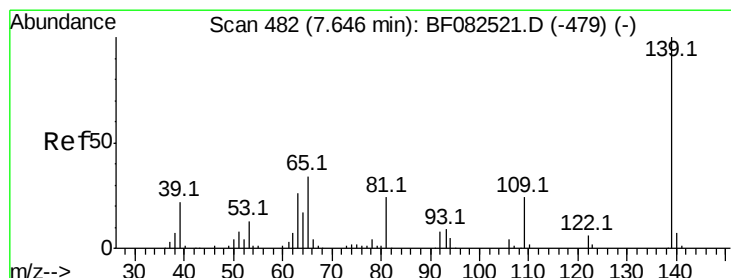
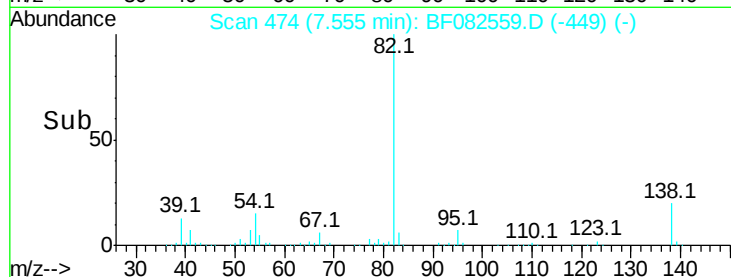
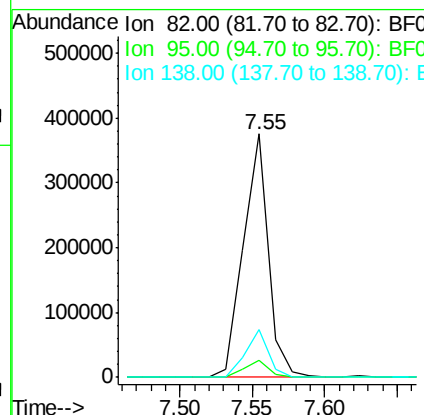
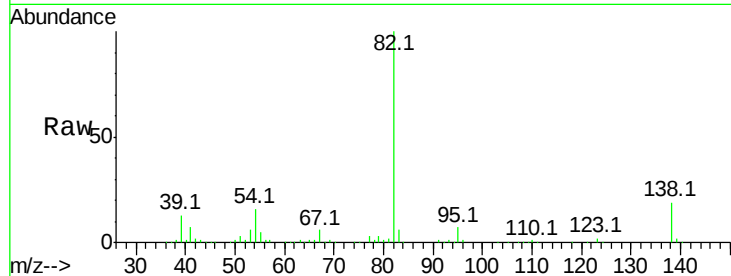
Tot Ion: 82 Resp: 448342

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 19.5 15.0 22.4



#26

2-Nitrophenol

Concen: 45.49 ng

RT: 7.62 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

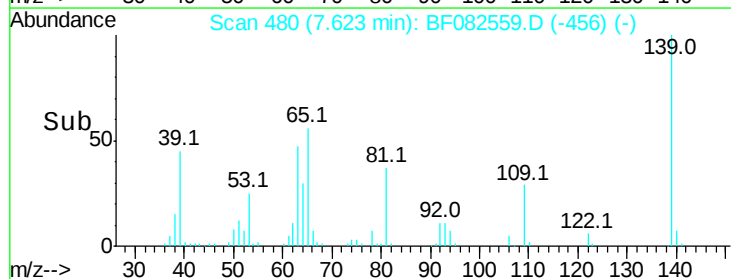
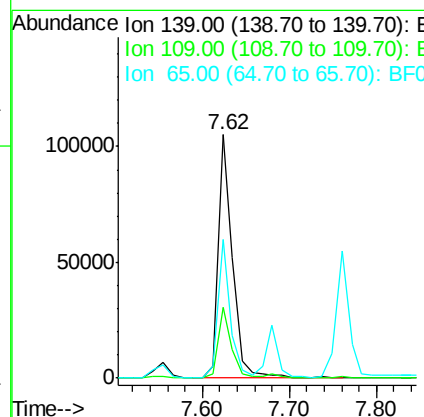
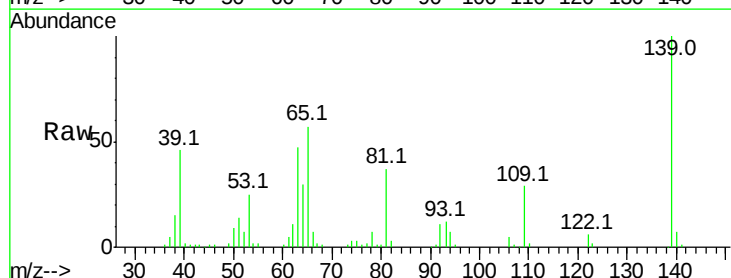
Tgt Ion: 139 Resp: 122747

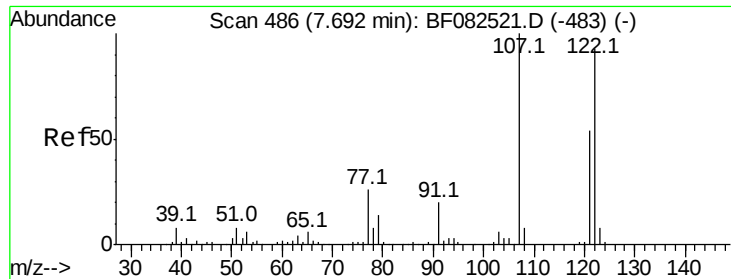
Ion Ratio Lower Upper

139 100

109 29.2 19.3 28.9#

65 56.8 27.1 40.7#

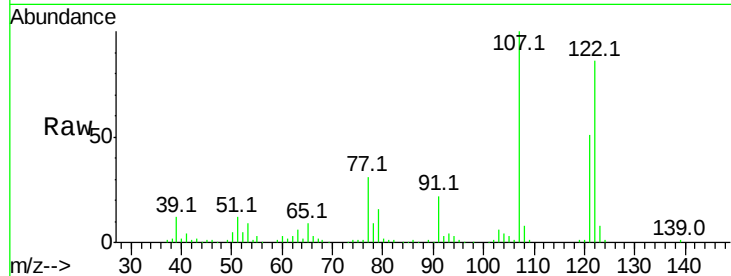




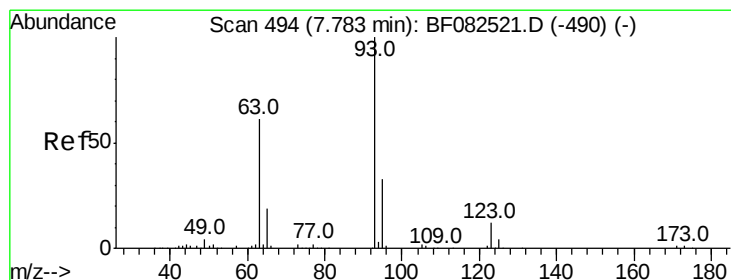
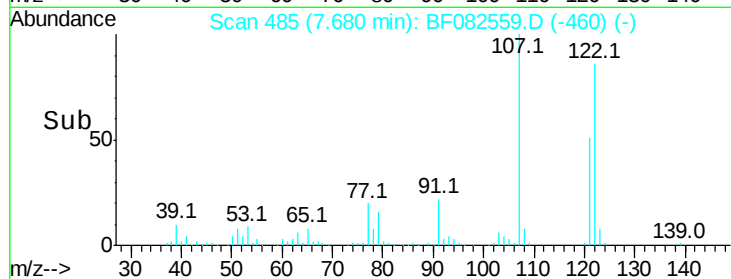
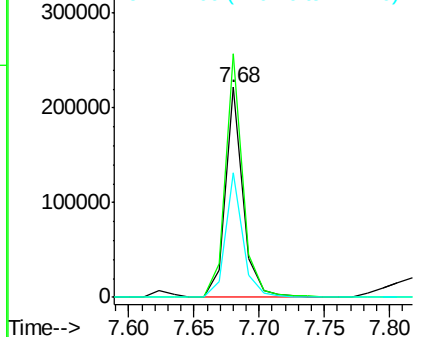
#27
2,4-Dimethylphenol
Concen: 47.09 ng
RT: 7.68 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tot Ion:122 Resp: 206519
Ion Ratio Lower Upper
122 100
107 115.9 85.8 128.8
121 59.1 46.2 69.2

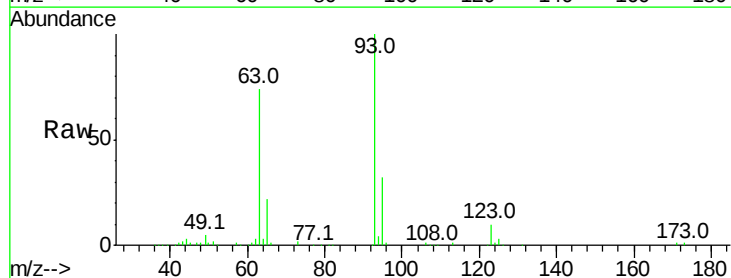


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

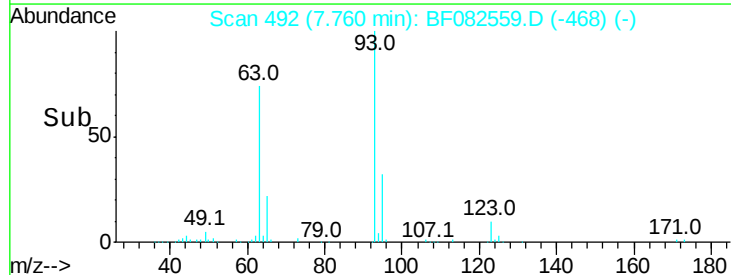
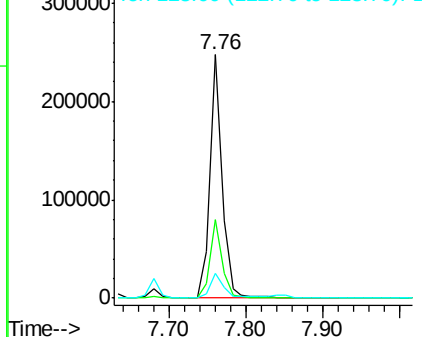


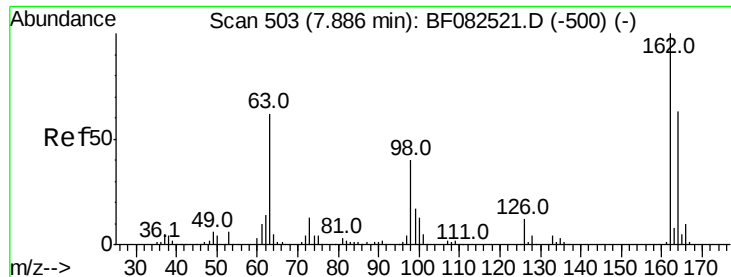
#28
bis(2-Chloroethoxy)methane
Concen: 46.53 ng
RT: 7.76 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion: 93 Resp: 271175
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 9.9 9.3 13.9



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

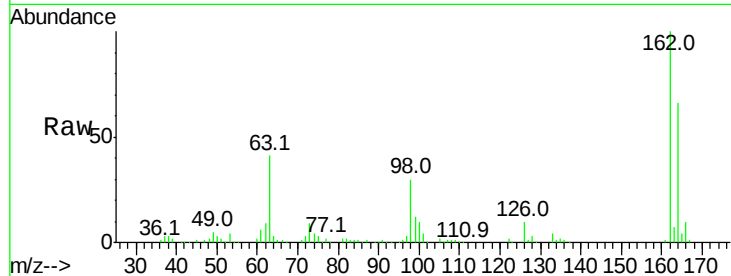




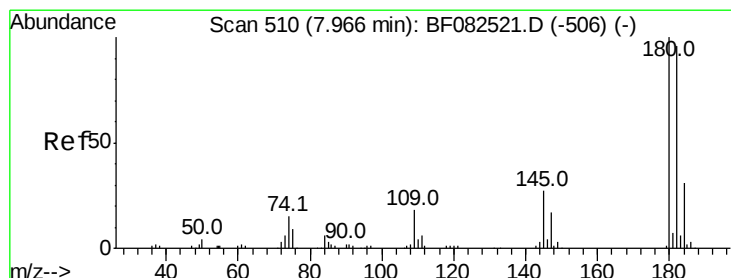
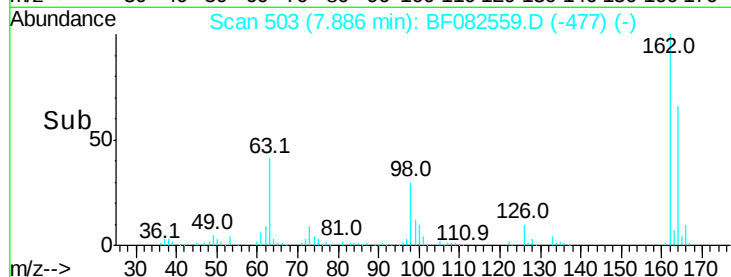
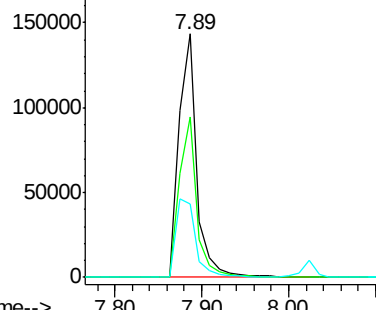
#29
 2,4-Dichlorophenol
 Concen: 46.89 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.1	83.1
98	30.2	19.6	59.6

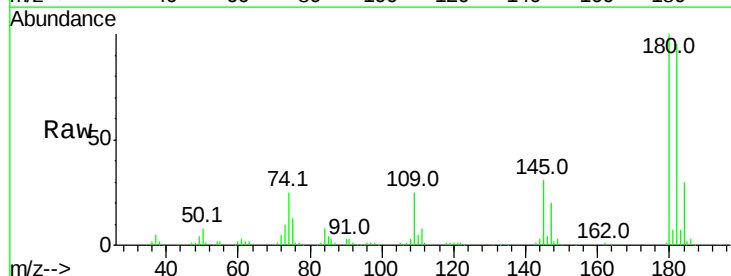


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

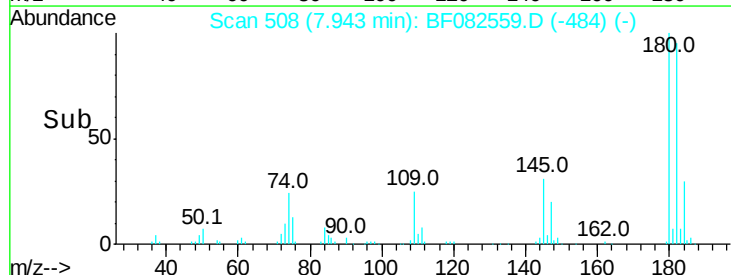
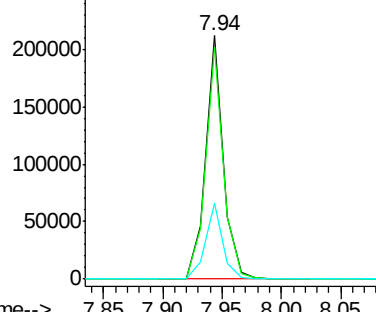


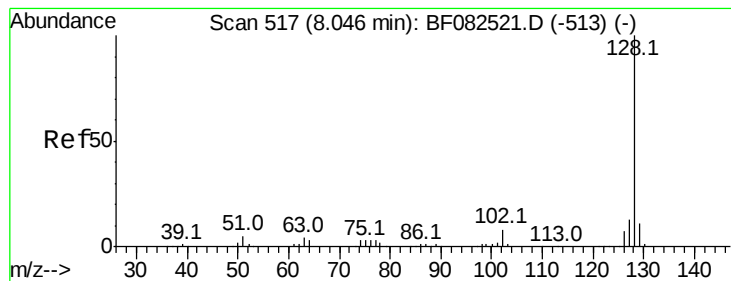
#30
 1,2,4-Trichlorobenzene
 Concen: 44.49 ng
 RT: 7.94 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	115.0
145	31.1	21.3	31.9



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: 45.46 ng

RT: 8.02 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

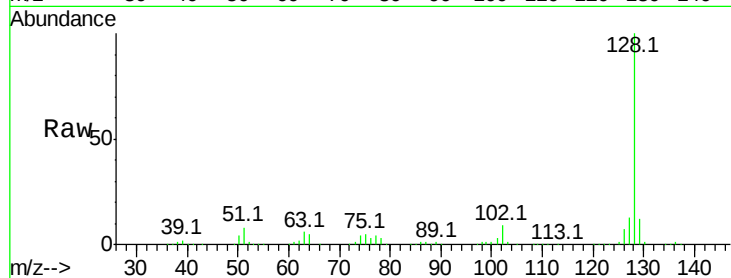
Tot Ion:128 Resp: 670526

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

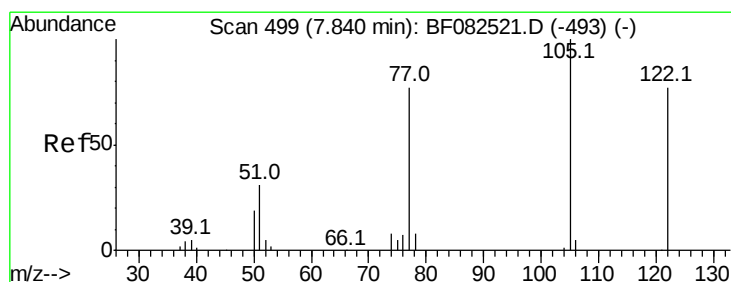
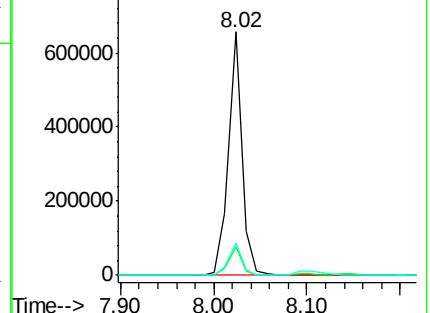
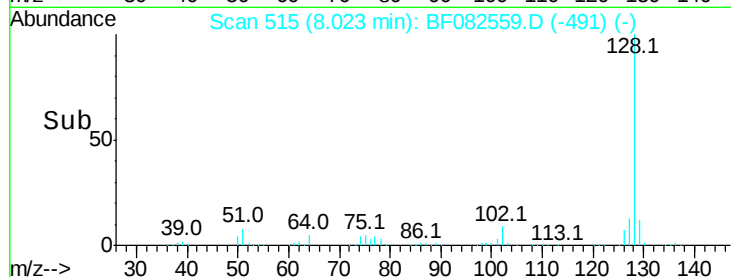
127 13.3 10.7 16.1



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: 45.22 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

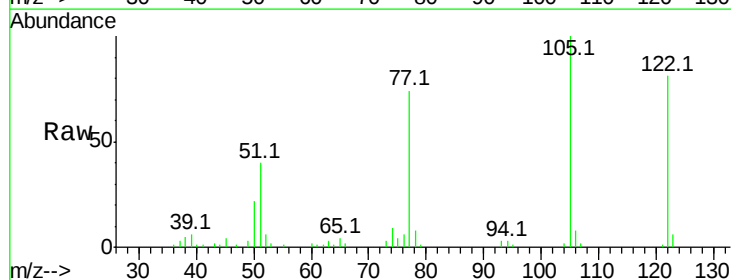
Tgt Ion:122 Resp: 111091

Ion Ratio Lower Upper

122 100

105 123.5 106.4 146.4

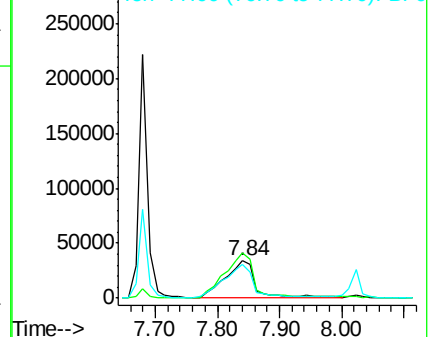
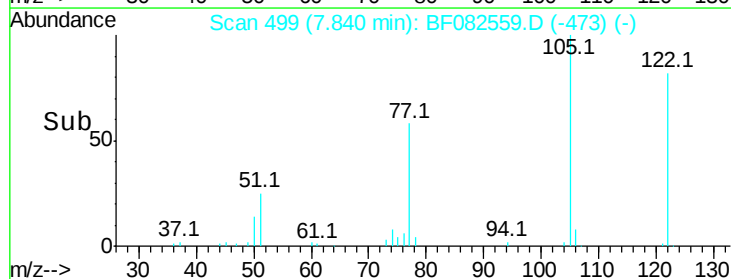
77 90.8 79.1 119.1

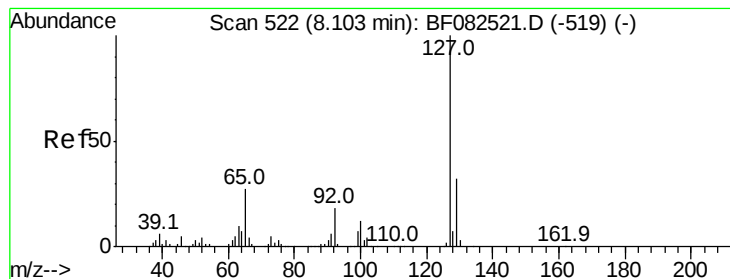


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 5.18 ng

RT: 8.10 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tot Ion:127 Resp: 29601

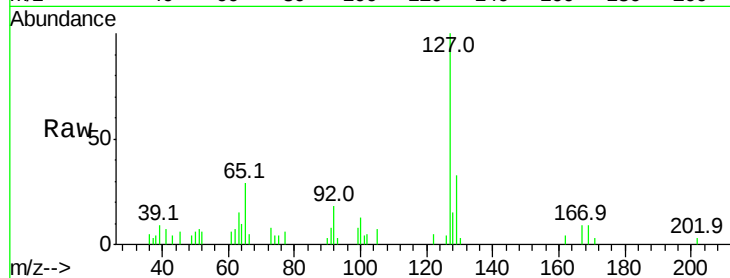
Ion Ratio Lower Upper

127 100

129 32.7 25.8 38.8

65 29.2 21.8 32.6

92 17.9 14.6 22.0

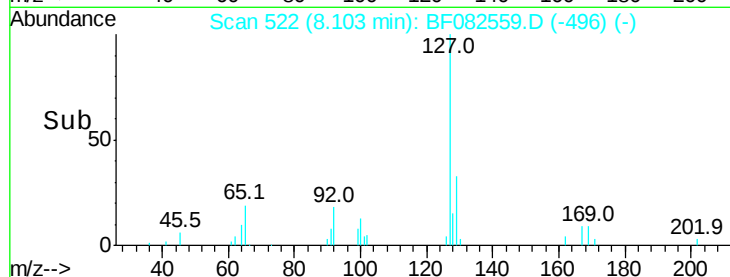


Abundance Ion 127.00 (126.70 to 127.70): E

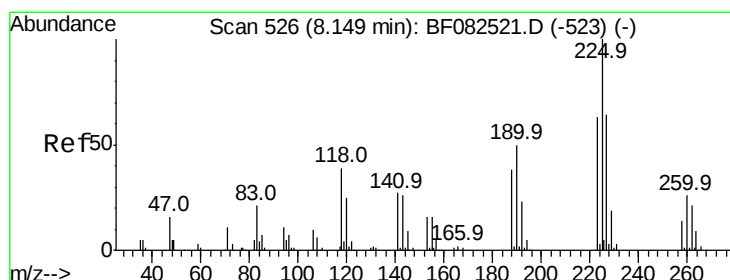
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 45.75 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

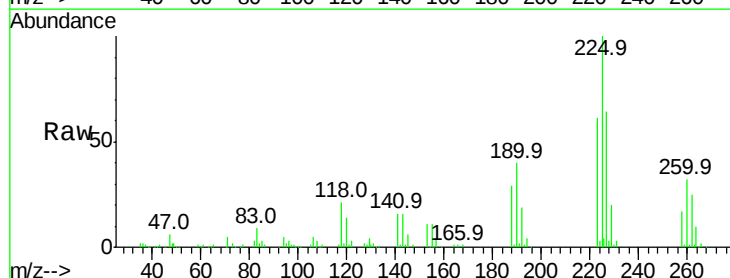
Tgt Ion:225 Resp: 130883

Ion Ratio Lower Upper

225 100

223 61.5 50.2 75.4

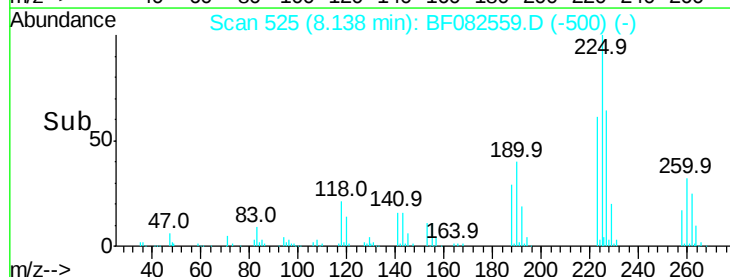
227 64.0 51.4 77.0



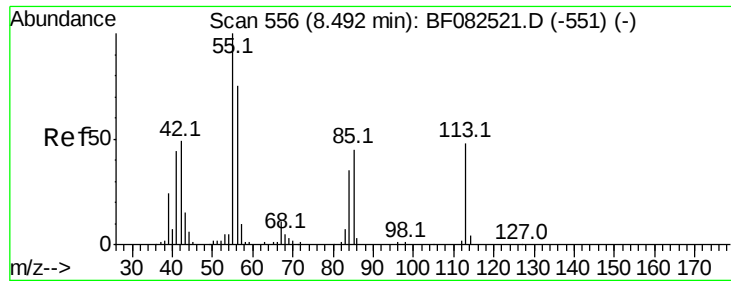
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



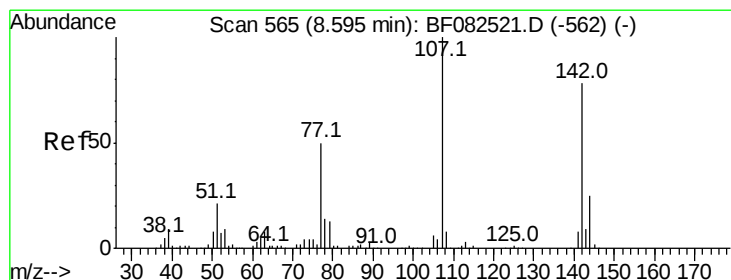
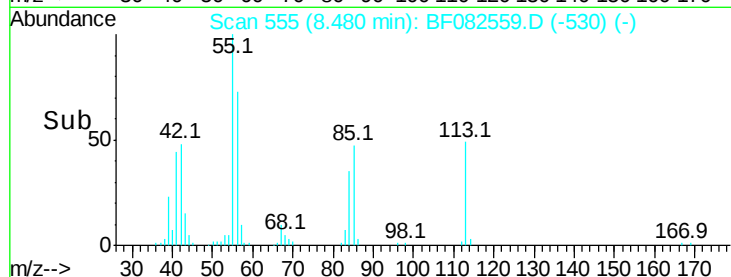
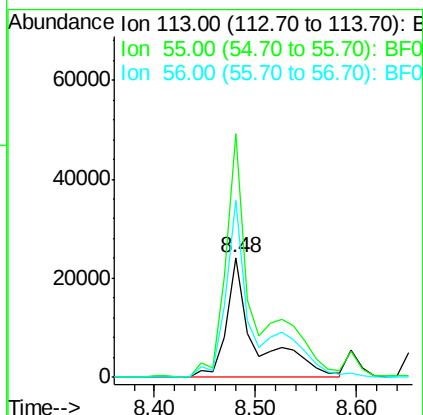
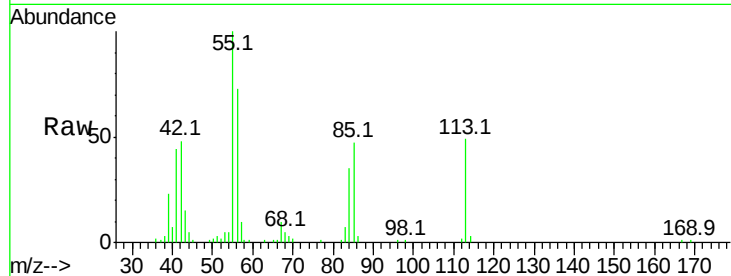
Time-->



#35
Caprolactam
Concen: 40.61 ng/ml
RT: 8.48 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

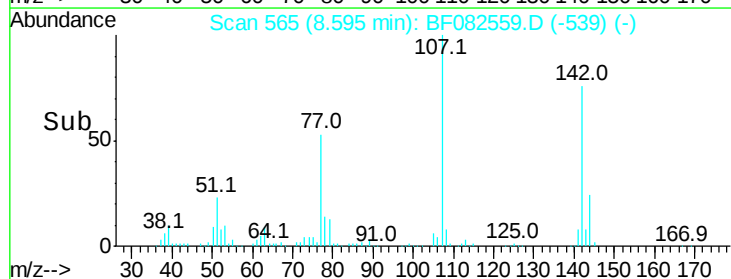
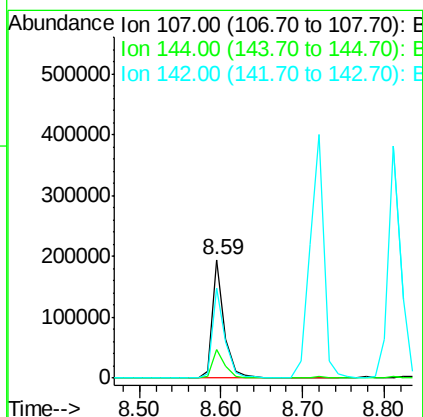
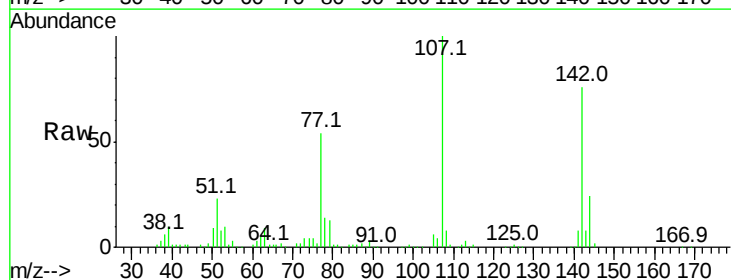
Instrument :
BNA_F
ClientSampleId :
SB-1MS

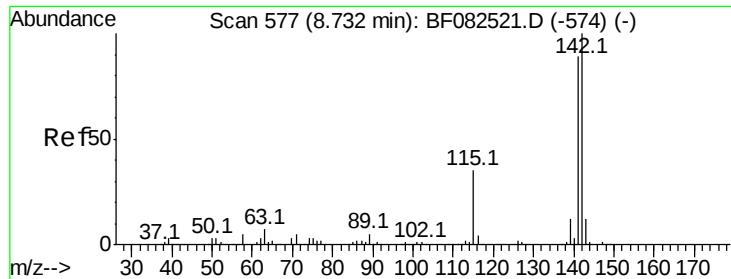
Tot Ion:113 Resp: 49384
Ion Ratio Lower Upper
113 100
55 203.2 188.9 228.9
56 147.9 135.8 175.8



#36
4-Chloro-3-methylphenol
Concen: 47.39 ng/ml
RT: 8.59 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion:107 Resp: 201589
Ion Ratio Lower Upper
107 100
144 23.9 20.2 30.2
142 75.9 62.6 93.8

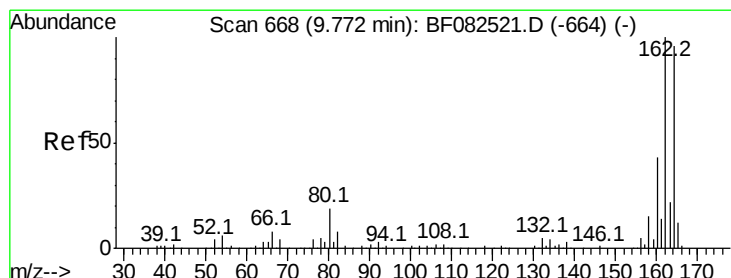
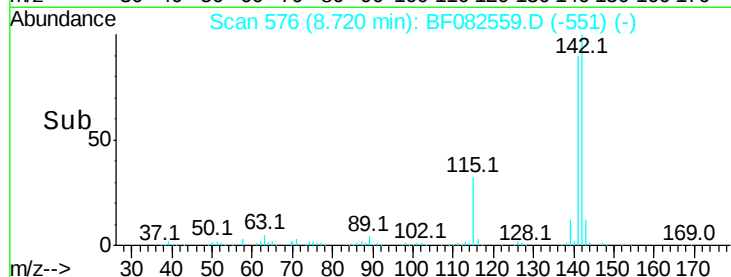
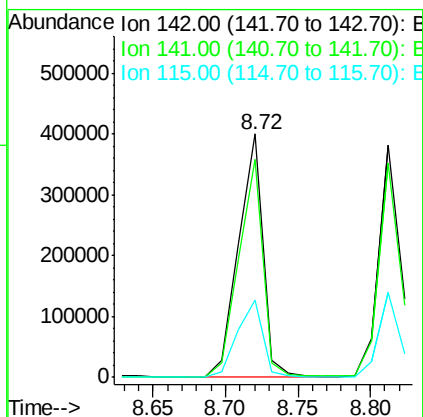
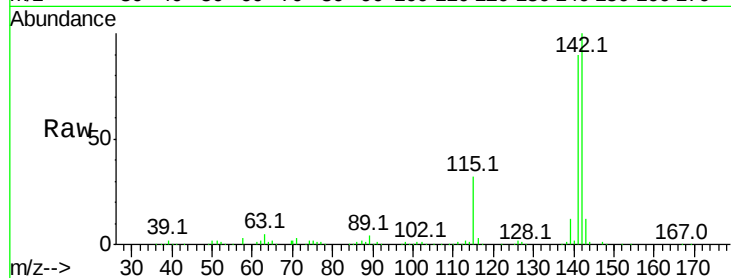




#37
2-Methylnaphthalene
Concen: 47.14 ng
RT: 8.72 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

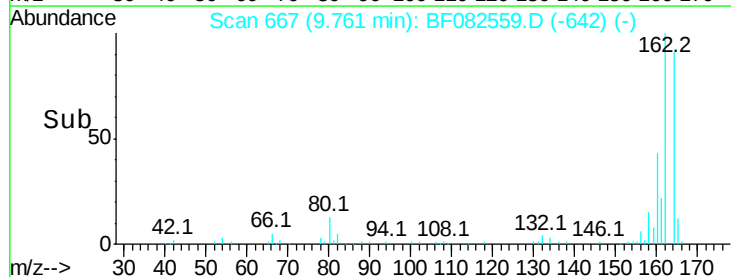
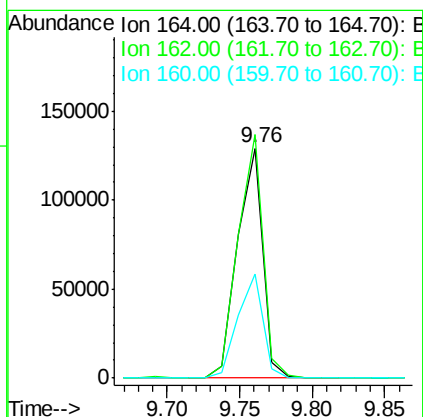
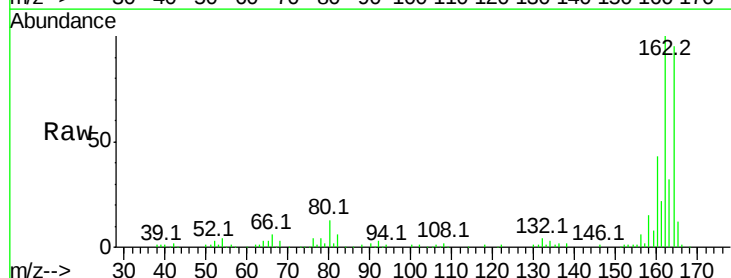
Instrument :
BNA_F
ClientSampleId :
SB-1MS

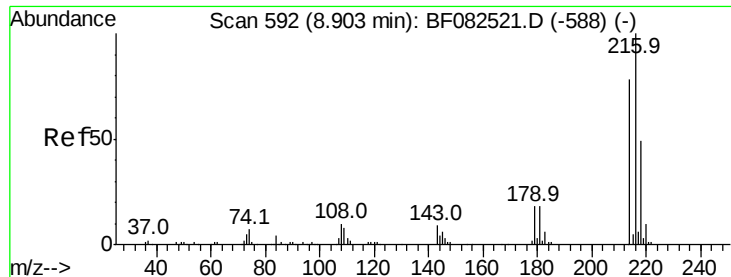
Tot Ion:142 Resp: 469678
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.6
115 31.5 28.0 42.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion:164 Resp: 155415
Ion Ratio Lower Upper
164 100
162 105.8 83.6 125.4
160 45.4 36.0 54.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.42 ng

RT: 8.88 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tot Ion:216 Resp: 222464

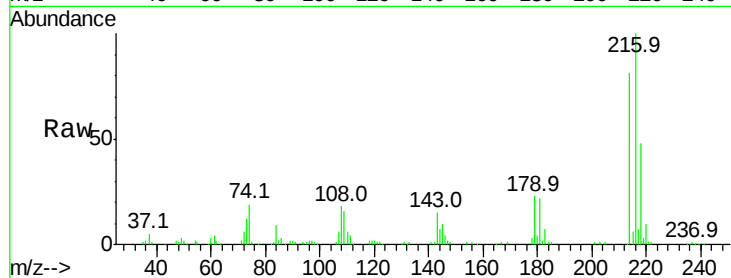
Ion Ratio Lower Upper

216 100

214 80.1 63.1 94.7

179 21.3 16.5 24.7

108 18.2 13.0 19.4

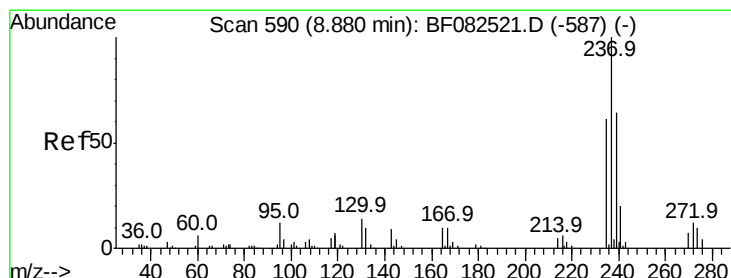
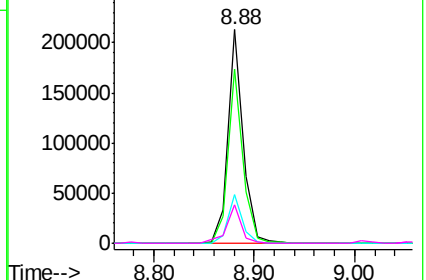
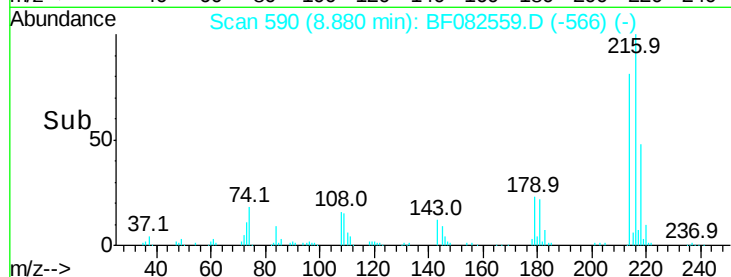


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.04 ng

RT: 8.86 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

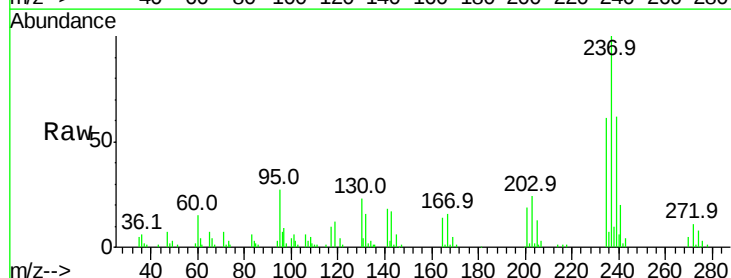
Tgt Ion:237 Resp: 75579

Ion Ratio Lower Upper

237 100

235 61.4 41.4 81.4

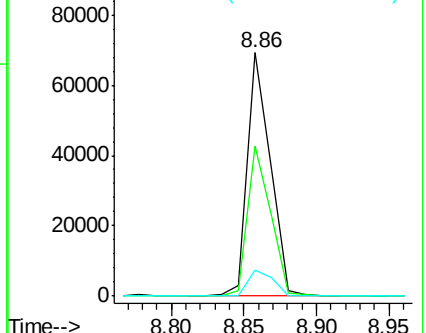
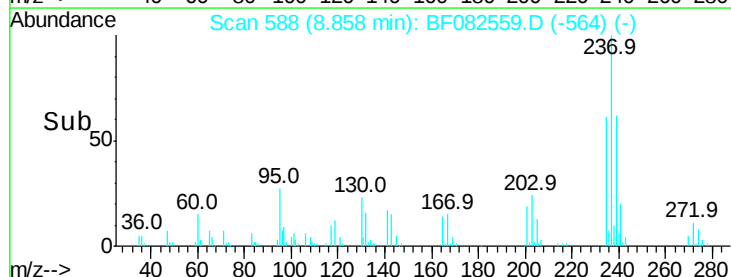
272 10.6 0.0 31.7

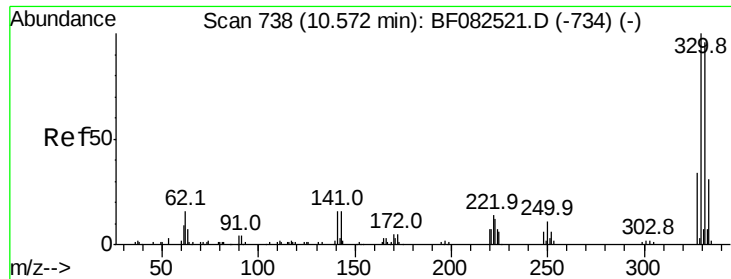


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

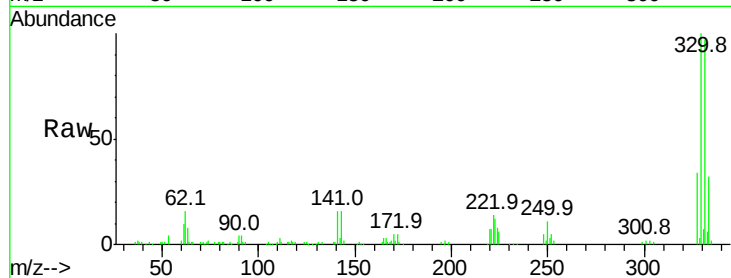




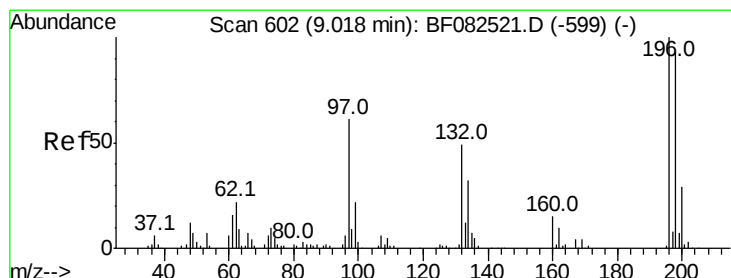
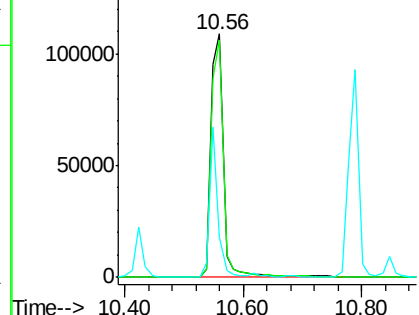
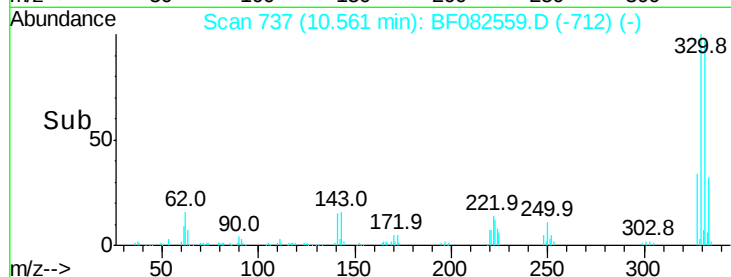
#41
 2,4,6-Tribromophenol
 Concen: 138.86 ng
 RT: 10.56 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	41.5	32.5	48.7

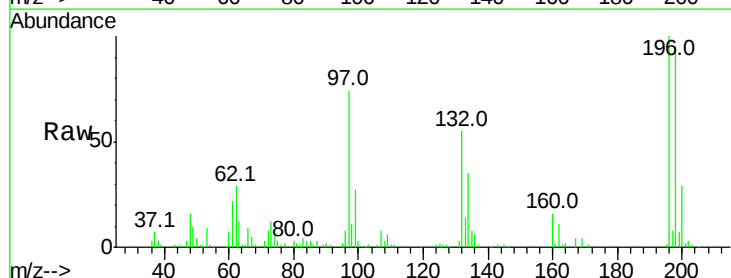


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

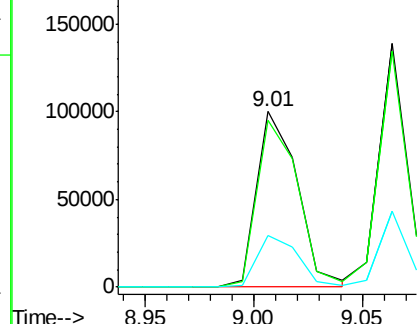
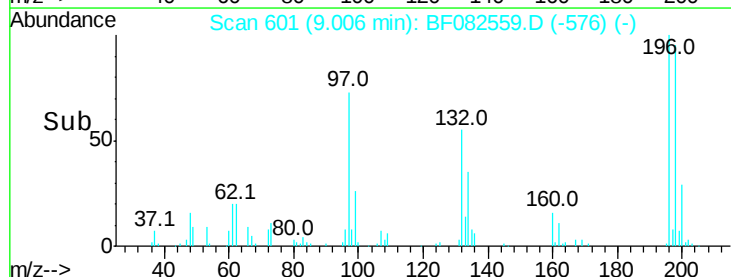


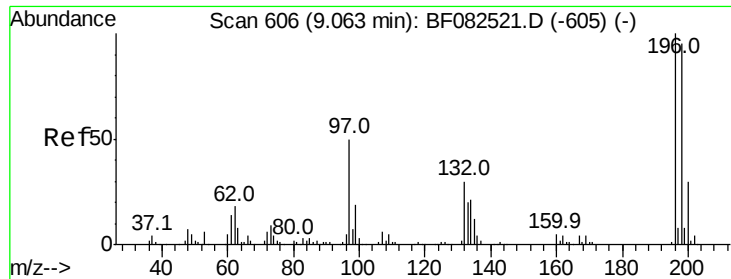
#42
 2,4,6-Trichlorophenol
 Concen: 44.87 ng
 RT: 9.01 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.1	111.1
200	29.5	23.4	35.0



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

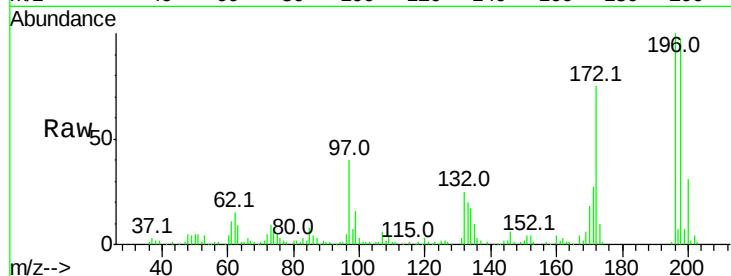




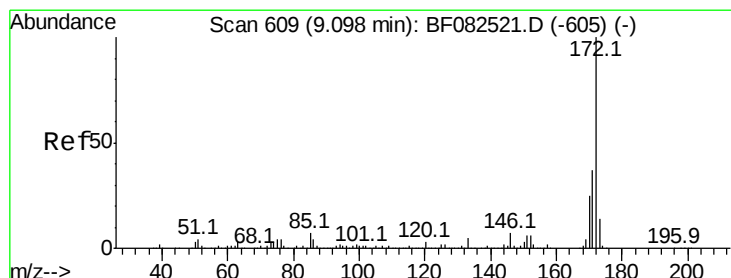
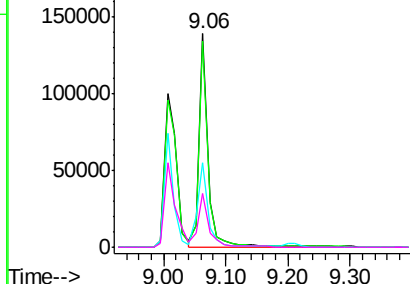
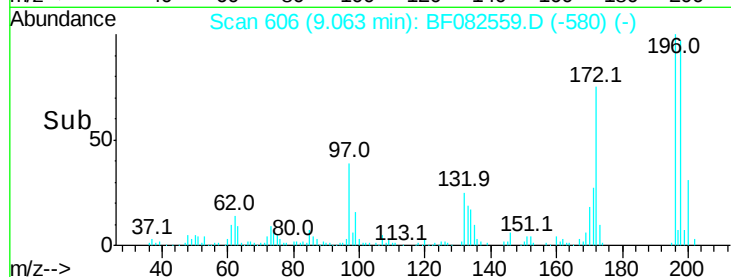
#43
 2,4,5-Trichlorophenol
 Concen: 46.07 ng
 RT: 9.06 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tot Ion:196 Resp: 141262
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.4 113.2
 97 39.8 40.8 61.2#
 132 25.2 24.6 37.0

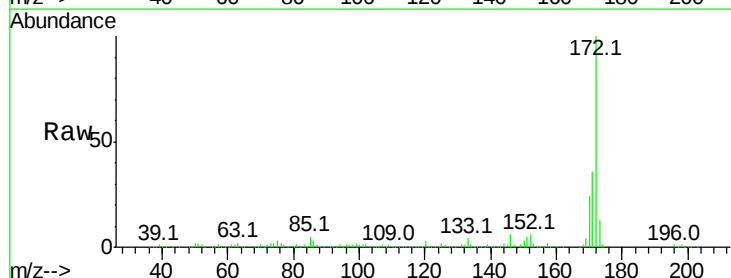


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

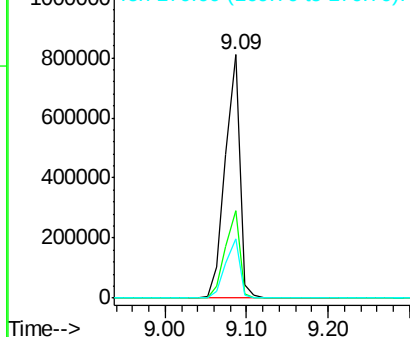
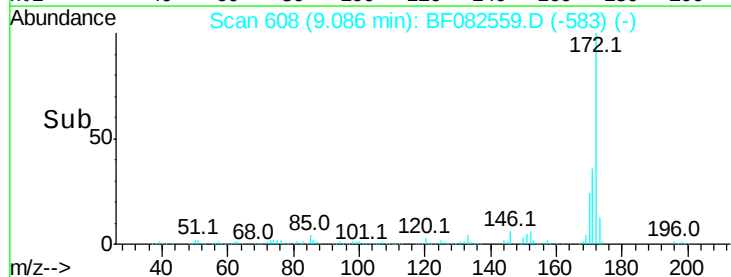


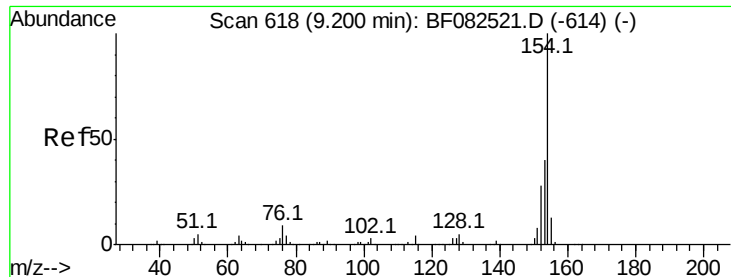
#44
 2-Fluorobiphenyl
 Concen: 102.51 ng
 RT: 9.09 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Tgt Ion:172 Resp: 1001921
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.3 43.9
 170 24.3 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

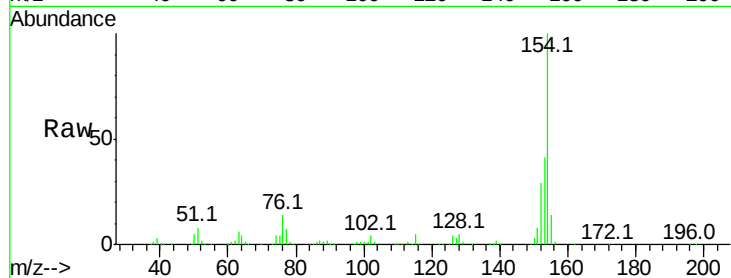




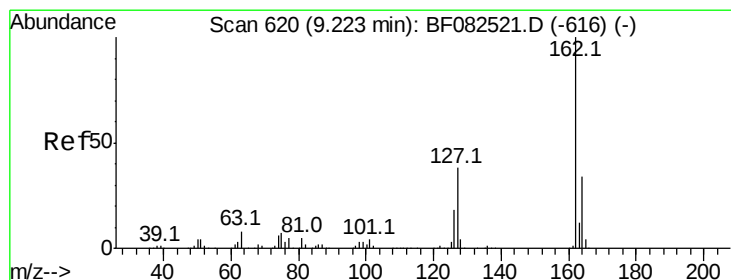
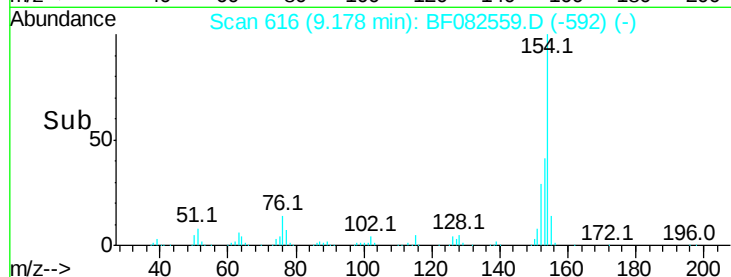
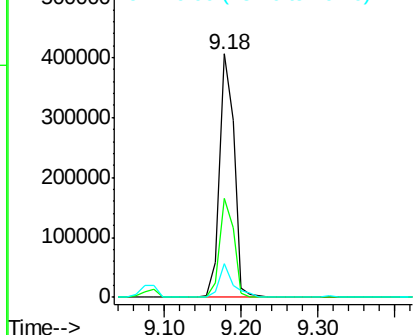
#45
 1,1'-Biphenyl
 Concen: 46.79 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tot Ion:154 Resp: 541216
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.4 60.4
 76 13.7 0.0 29.2

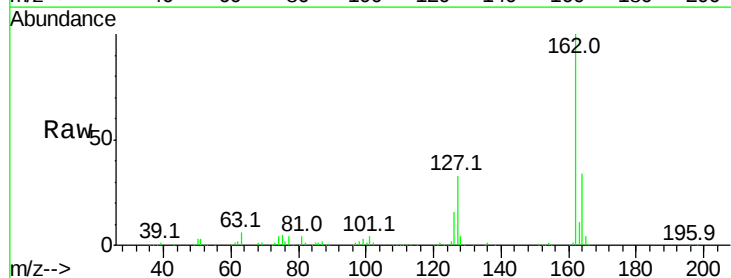


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

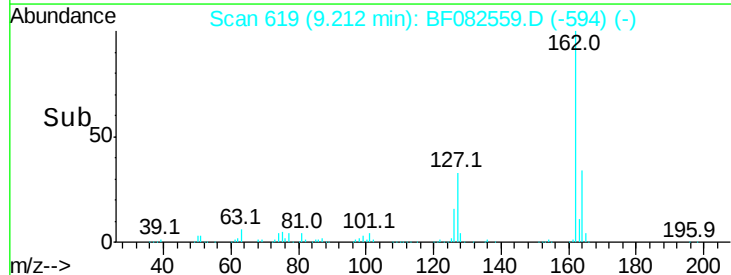
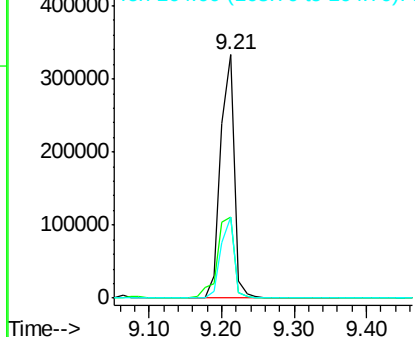


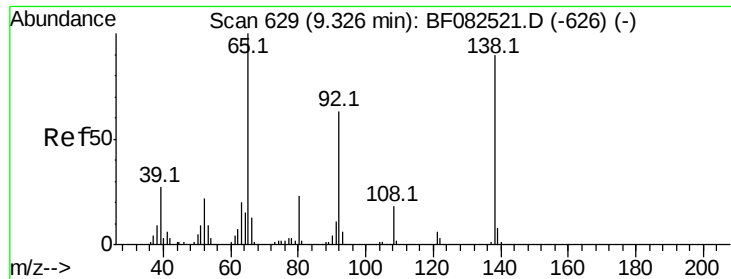
#46
 2-Chloronaphthalene
 Concen: 48.11 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Tgt Ion:162 Resp: 438643
 Ion Ratio Lower Upper
 162 100
 127 33.3 30.6 46.0
 164 33.5 26.8 40.2



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

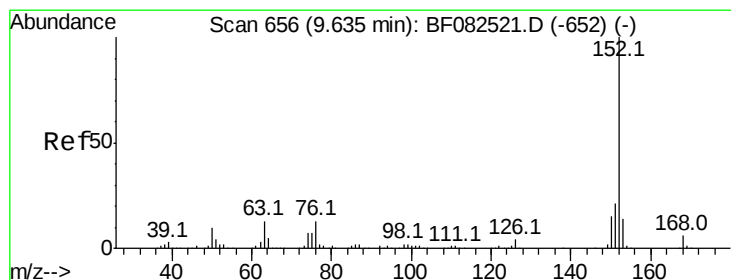
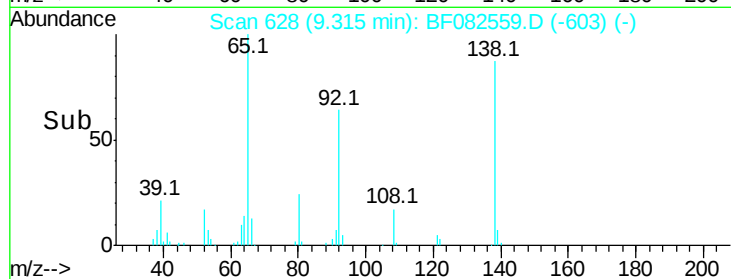
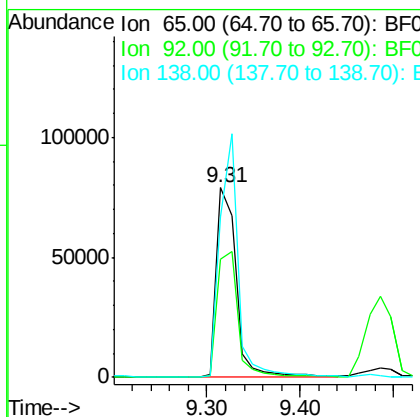
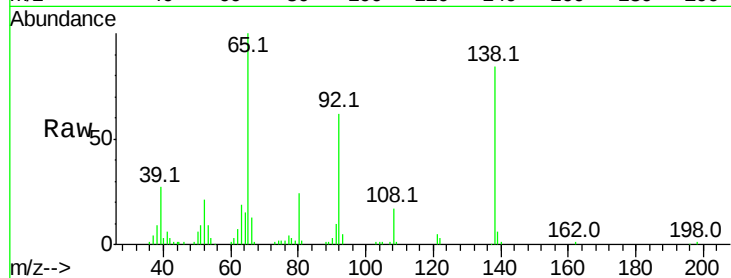




#47
2-Nitroaniline
Concen: 44.49 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

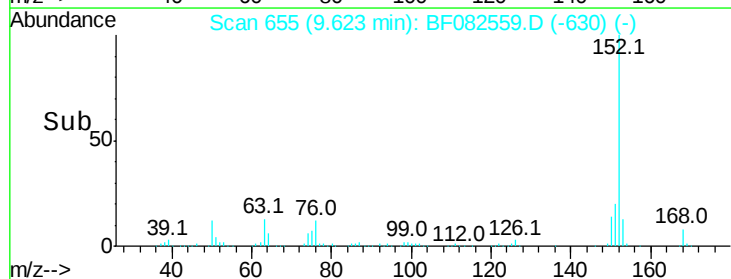
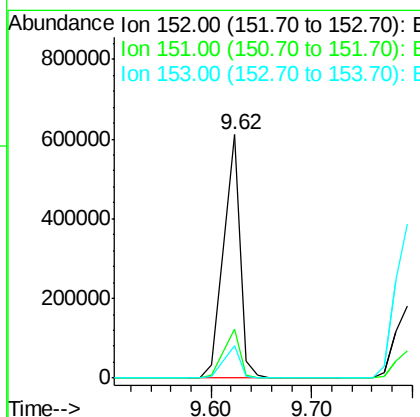
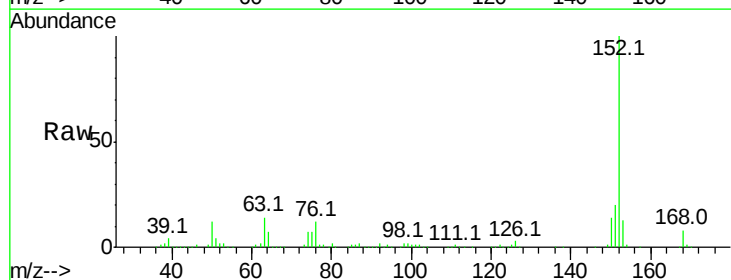
Instrument :
BNA_F
ClientSampleId :
SB-1MS

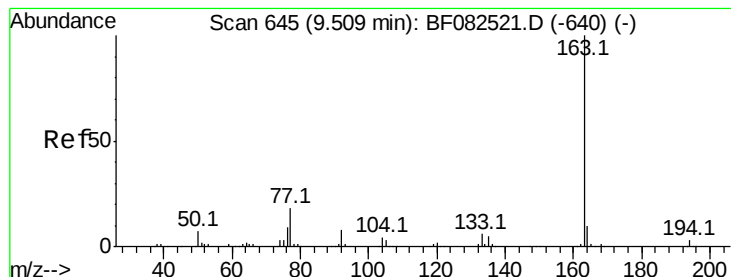
Tot Ion: 65 Resp: 117796
Ion Ratio Lower Upper
65 100
92 62.4 50.6 76.0
138 84.4 71.8 107.6



#48
Acenaphthylene
Concen: 47.93 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion: 152 Resp: 699825
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0
153 13.2 10.9 16.3





#49

Dimethylphthalate

Concen: 48.92 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

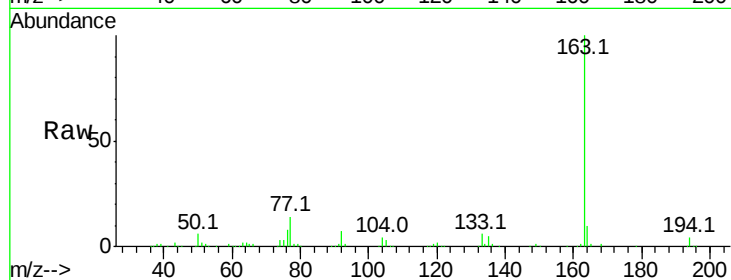
Tot Ion:163 Resp: 528963

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

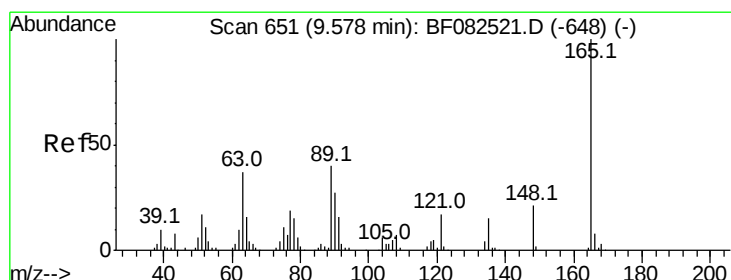
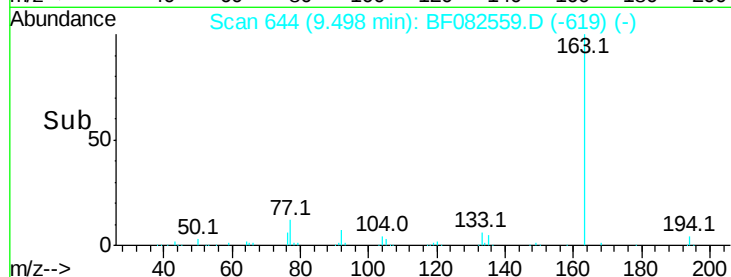
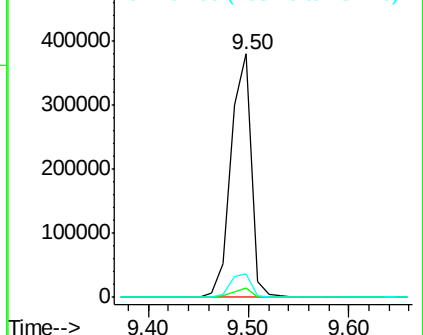
164 9.8 8.2 12.4



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: 47.12 ng

RT: 9.57 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

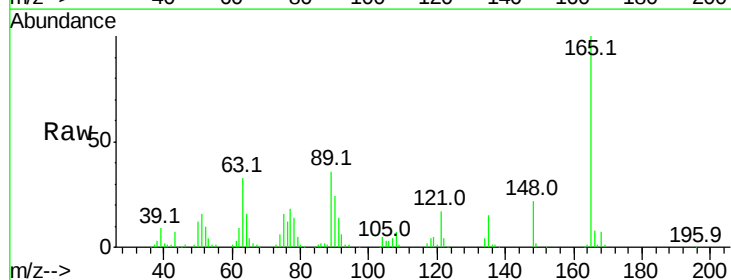
Tgt Ion:165 Resp: 111725

Ion Ratio Lower Upper

165 100

63 33.2 30.7 46.1

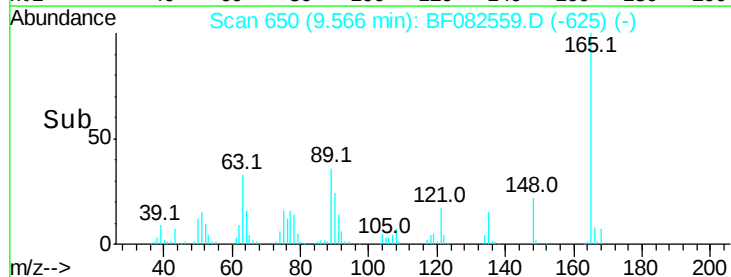
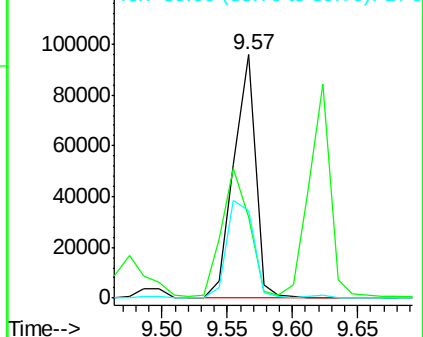
89 35.9 31.8 47.8

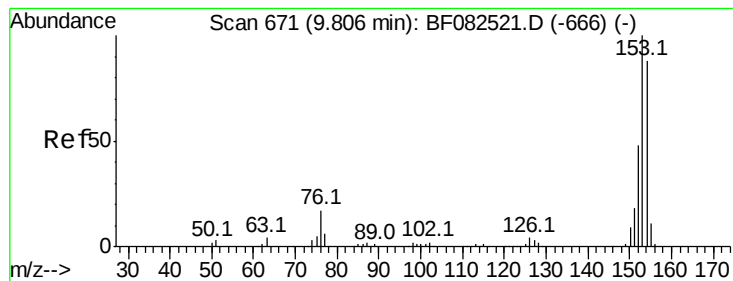


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.62 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

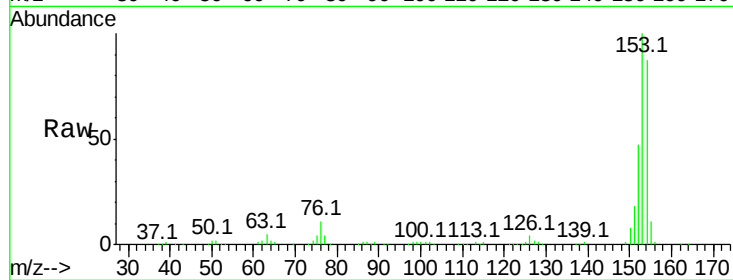
Tot Ion:154 Resp: 407126

Ion Ratio Lower Upper

154 100

153 115.6 90.7 136.1

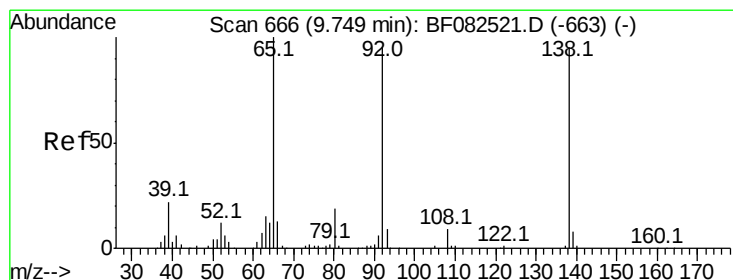
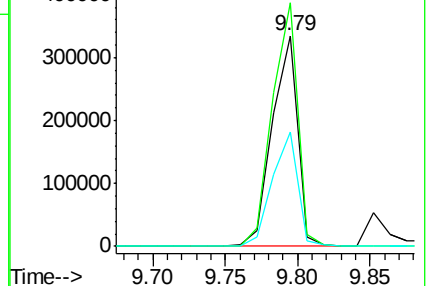
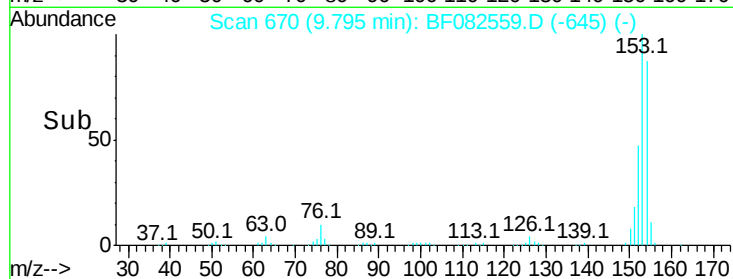
152 54.4 44.0 66.0



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: 10.67 ng

RT: 9.74 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

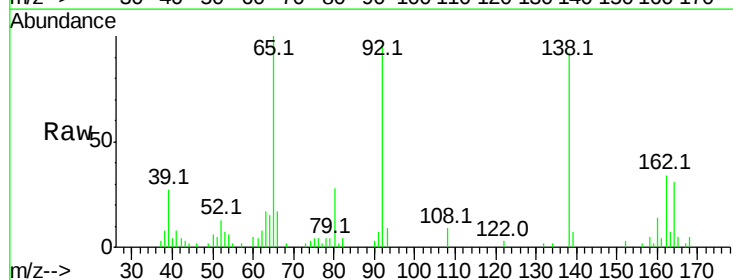
Tgt Ion:138 Resp: 27444

Ion Ratio Lower Upper

138 100

108 9.9 7.4 11.2

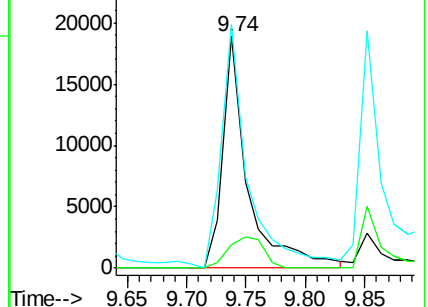
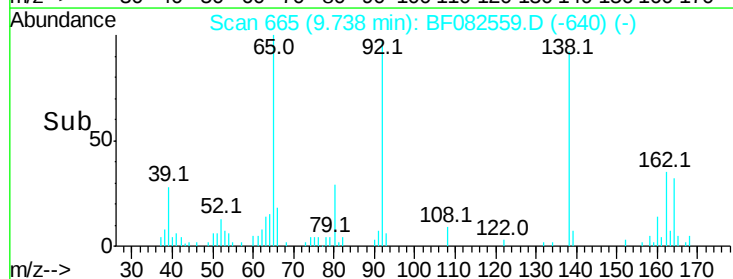
92 105.0 80.2 120.2

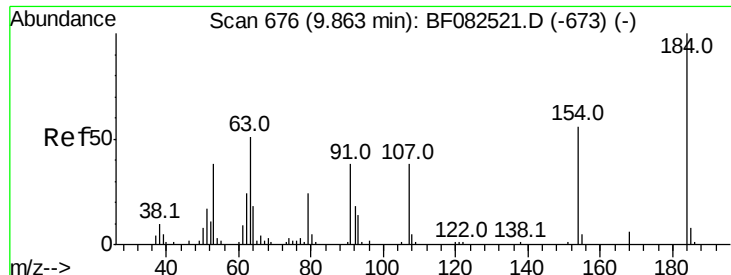


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

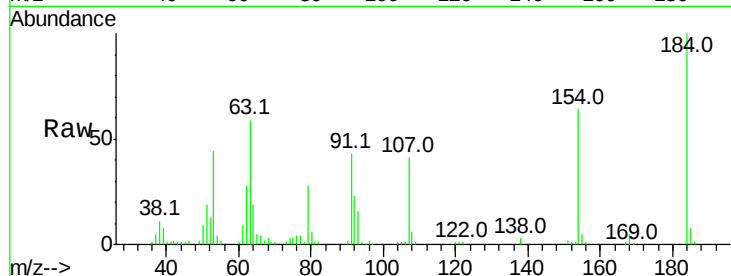




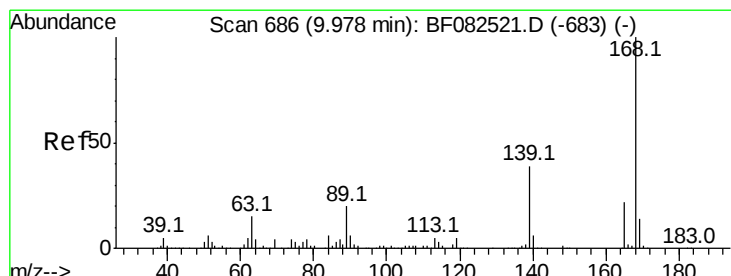
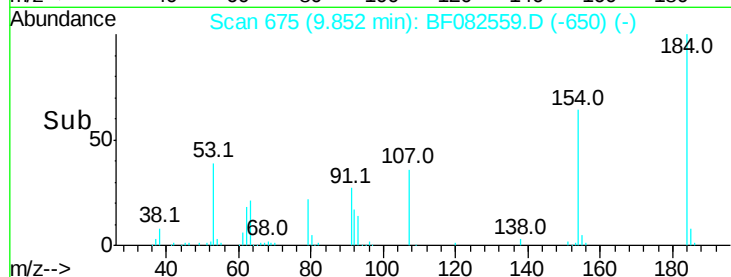
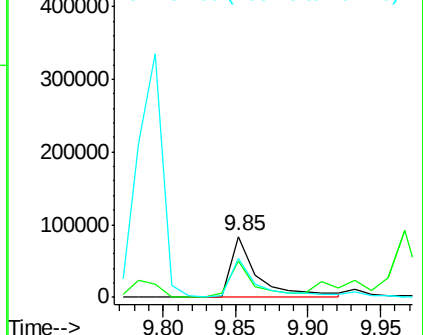
#53
 2,4-Dinitrophenol
 Concen: 89.29 ng
 RT: 9.85 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Instrument :
 BNA_F
 ClientSampled :
 SB-1MS

Tot Ion:184 Resp: 110150
 Ion Ratio Lower Upper
 184 100
 63 58.7 41.4 62.0
 154 63.7 48.2 72.2

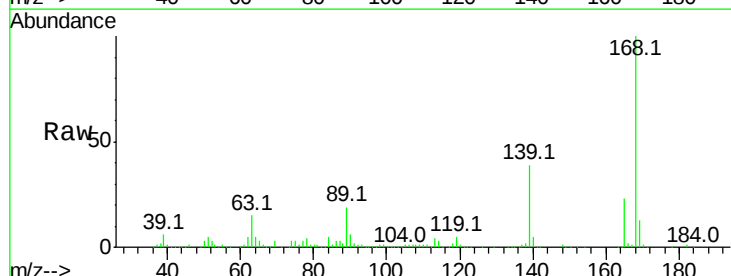


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

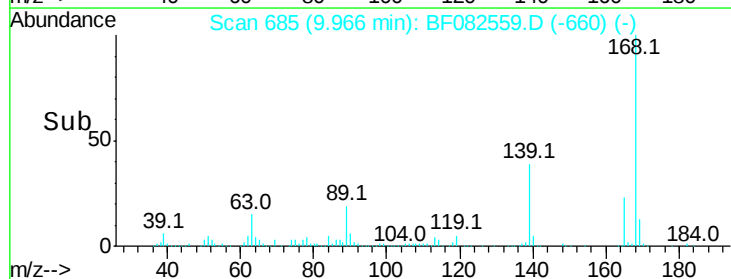
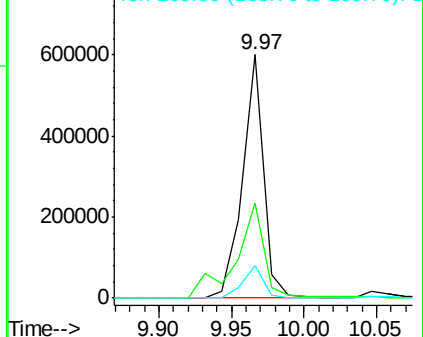


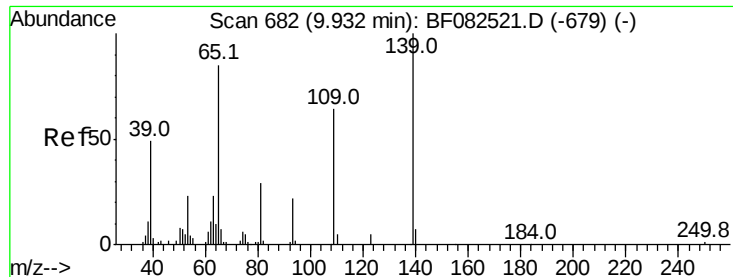
#54
 Dibenzofuran
 Concen: 49.44 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Tgt Ion:168 Resp: 604080
 Ion Ratio Lower Upper
 168 100
 139 38.8 33.0 49.6
 169 13.4 11.0 16.4



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

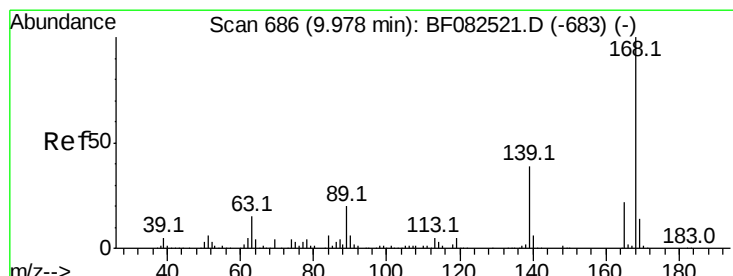
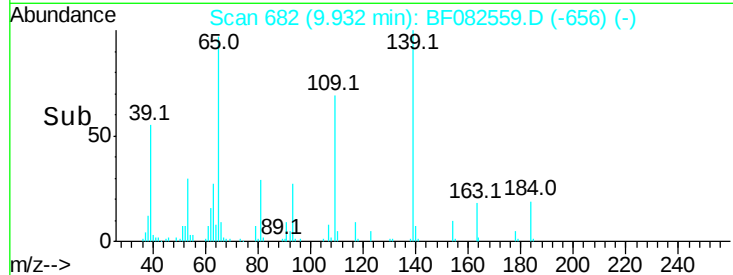
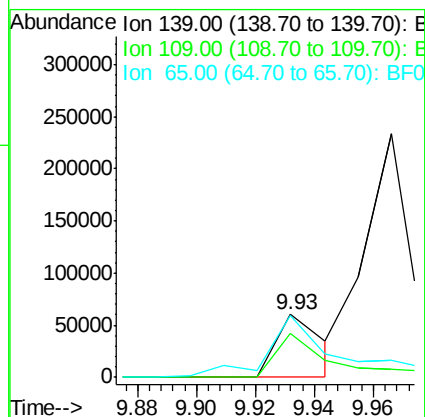
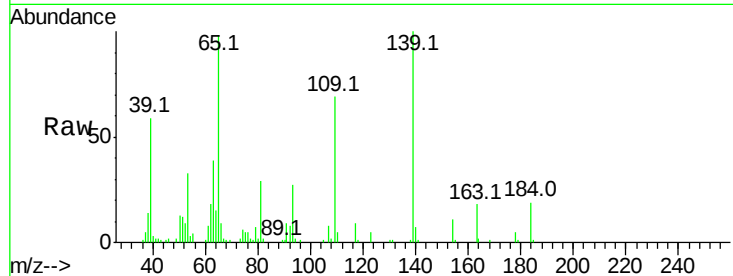




#55
4-Nitrophenol
Concen: 60.27 ng/mL
RT: 9.93 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

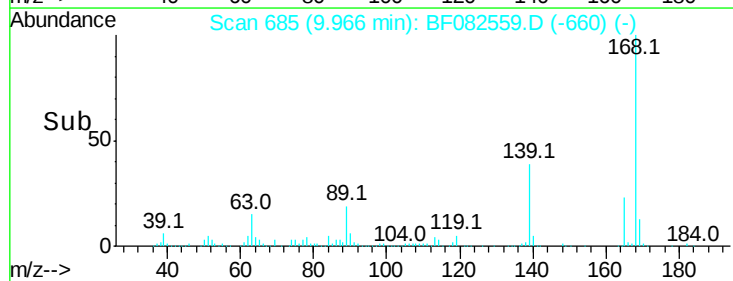
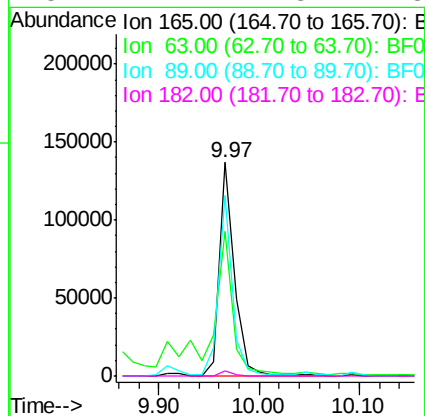
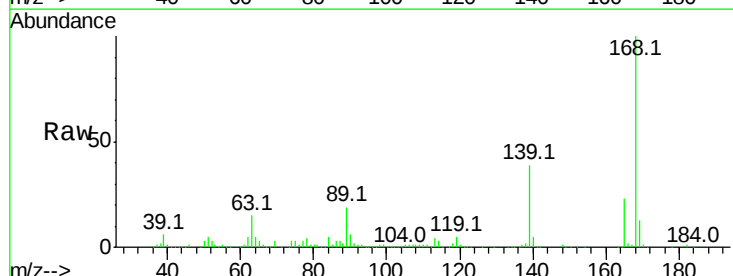
Instrument :
BNA_F
ClientSampleId :
SB-1MS

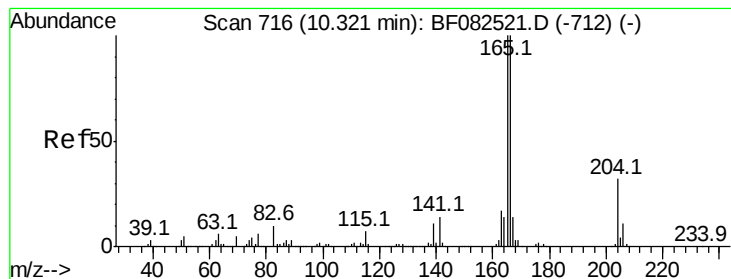
Tot Ion:139 Resp: 64806
Ion Ratio Lower Upper
139 100
109 69.3 44.2 84.2
65 98.2 68.1 108.1



#56
2,4-Dinitrotoluene
Concen: 49.84 ng/mL
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion:165 Resp: 143324
Ion Ratio Lower Upper
165 100
63 67.6 58.6 88.0
89 84.7 72.3 108.5
182 2.2 1.8 2.8





#57

Fluorene

Concen: 49.65 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

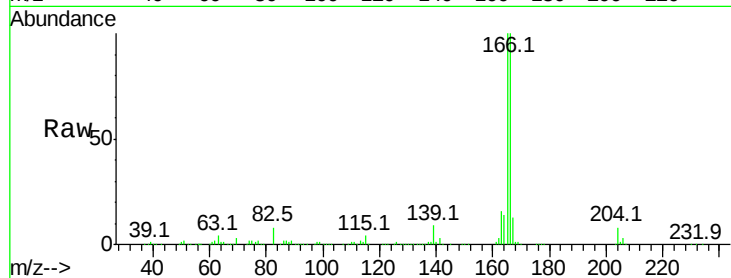
Tot Ion:166 Resp: 498038

Ion Ratio Lower Upper

166 100

165 99.7 79.7 119.5

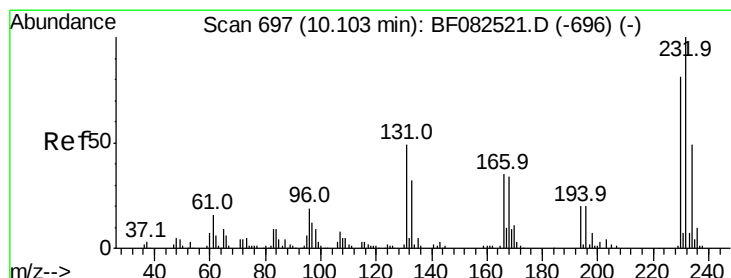
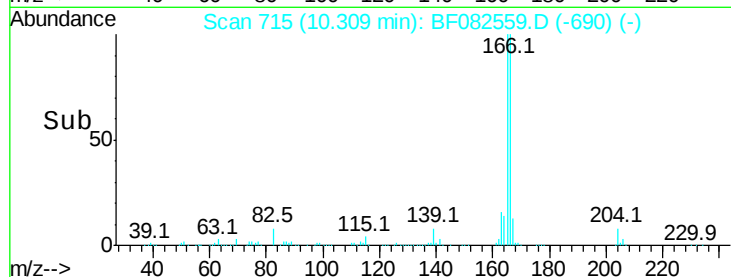
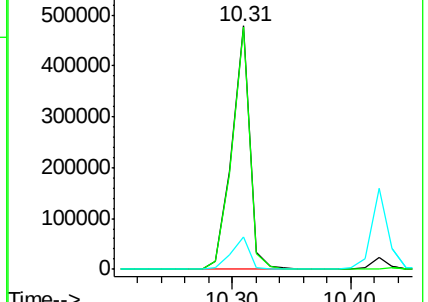
167 13.4 11.0 16.4



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: 48.51 ng

RT: 10.09 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Tgt Ion:232 Resp: 113882

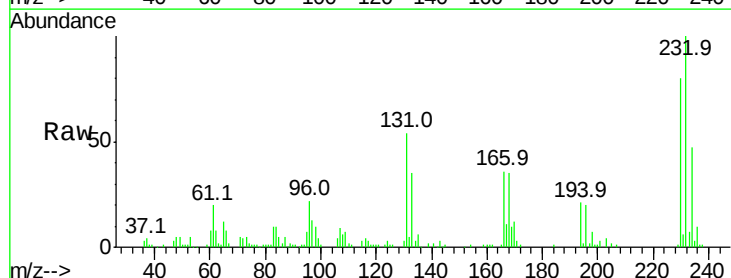
Ion Ratio Lower Upper

232 100

131 46.5 36.4 54.6

130 1.7 1.7 2.5

166 28.1 25.4 38.0

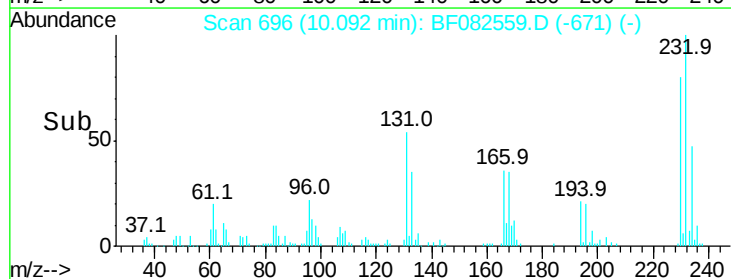
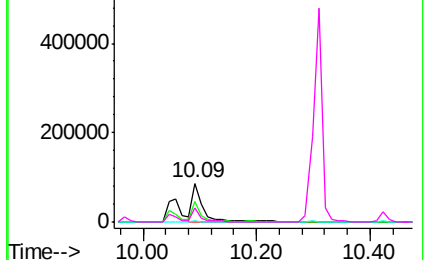


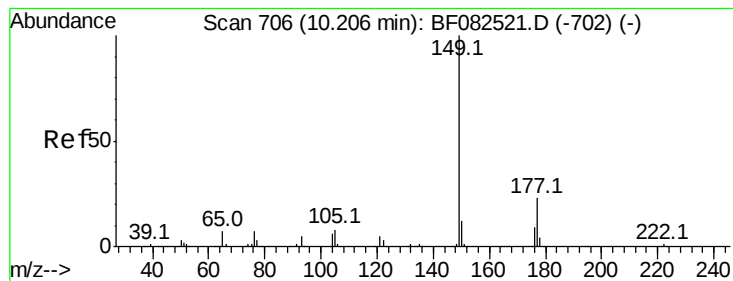
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.16 ng

RT: 10.18 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

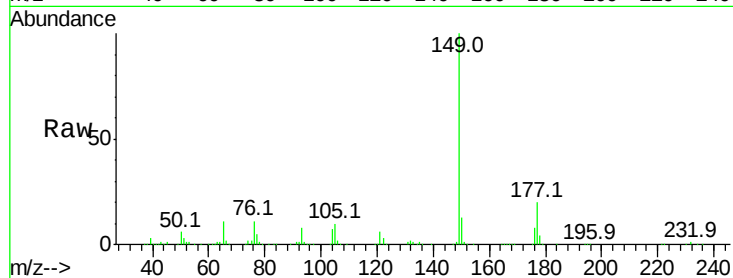
Tot Ion:149 Resp: 506856

Ion Ratio Lower Upper

149 100

177 20.5 18.6 28.0

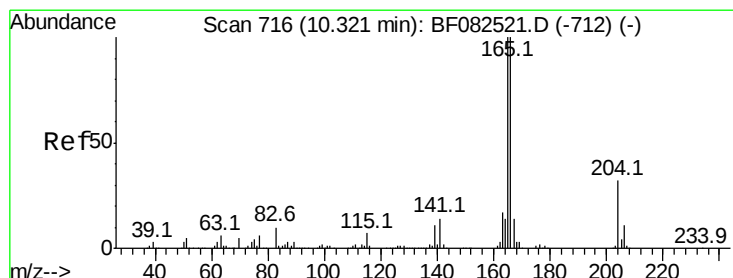
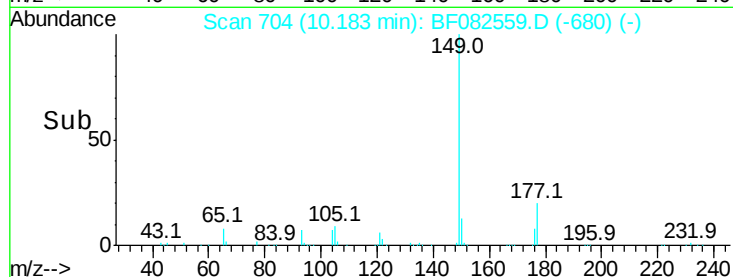
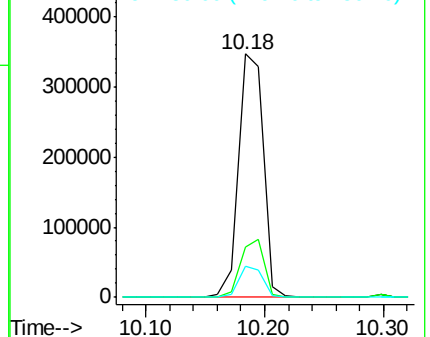
150 12.7 9.9 14.9



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: 48.47 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

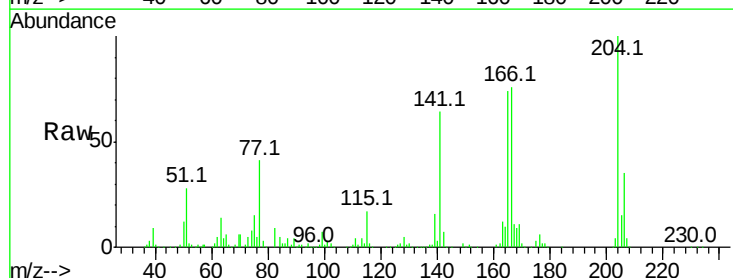
Tgt Ion:204 Resp: 228615

Ion Ratio Lower Upper

204 100

206 34.6 27.7 41.5

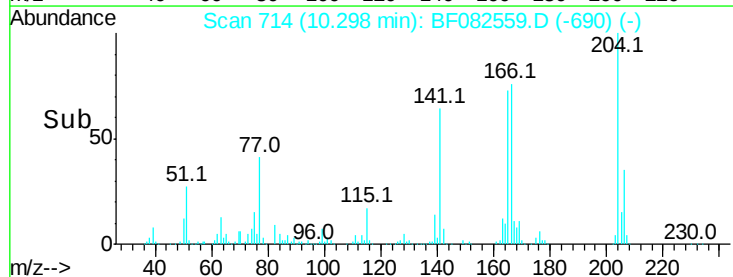
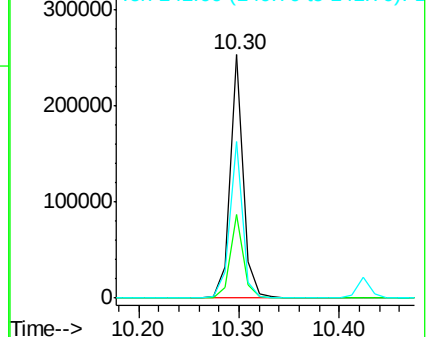
141 64.1 33.9 50.9#

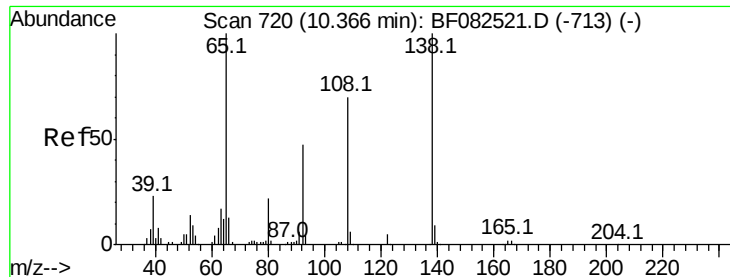


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.95 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

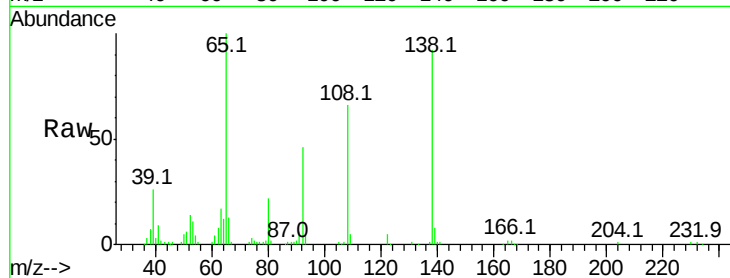
Tot Ion:138 Resp: 92618

Ion Ratio Lower Upper

138 100

92 49.5 27.3 67.3

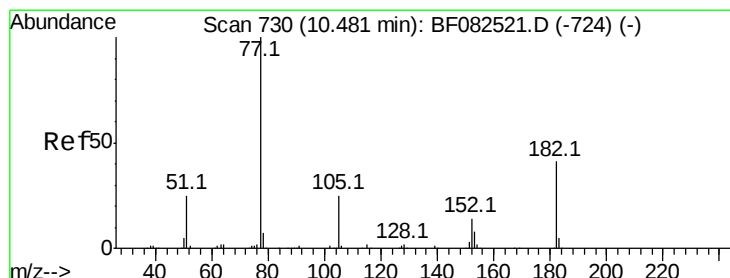
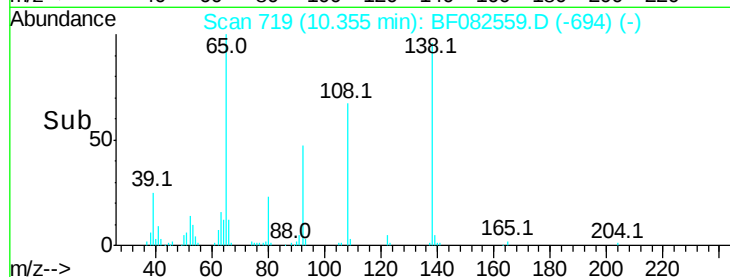
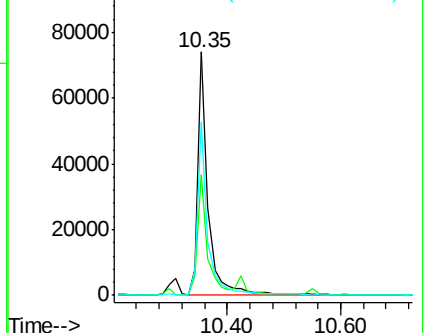
108 71.2 49.8 89.8



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: 49.09 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Tgt Ion: 77 Resp: 499078

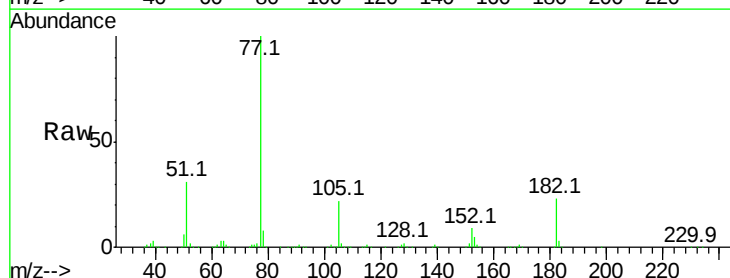
Ion Ratio Lower Upper

77 100

182 23.0 20.8 60.8

105 22.3 5.8 45.8

51 30.9 5.3 45.3

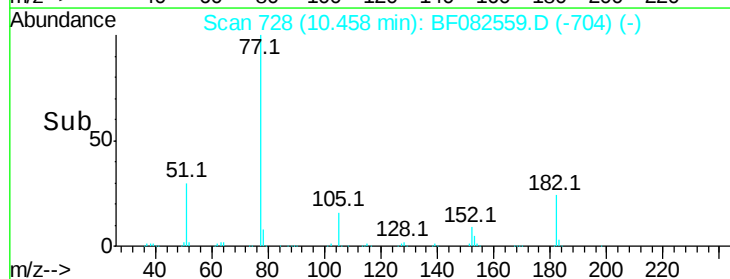
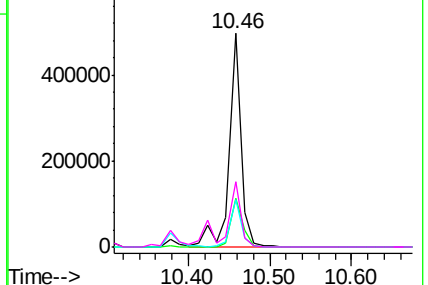


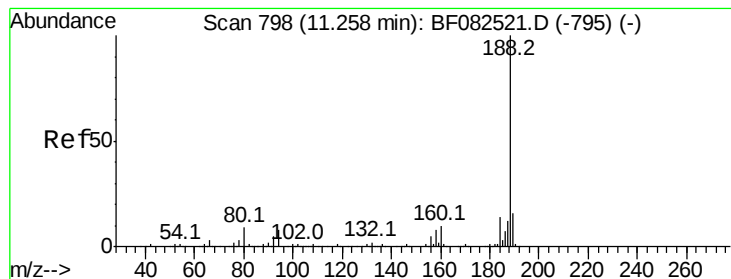
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.25 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

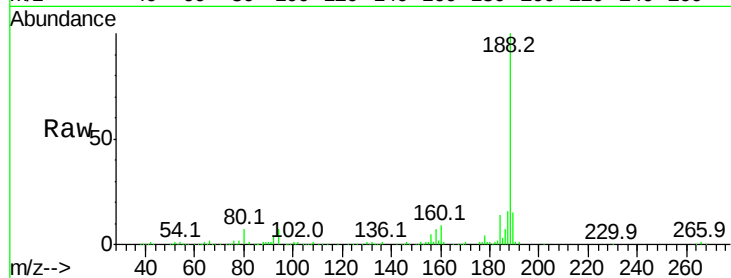
Tot Ion:188 Resp: 276549

Ion Ratio Lower Upper

188 100

94 6.6 6.4 9.6

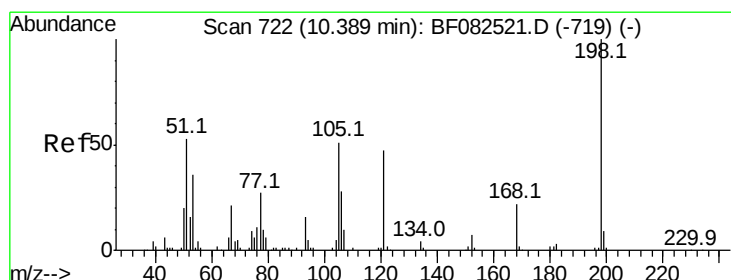
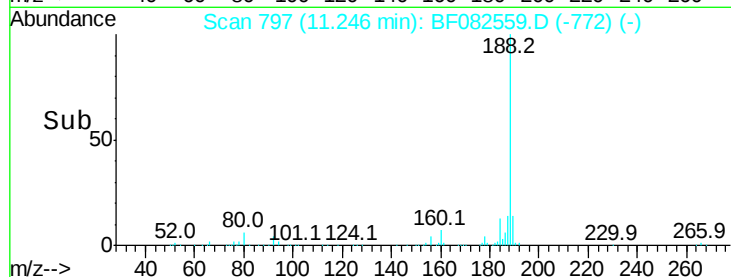
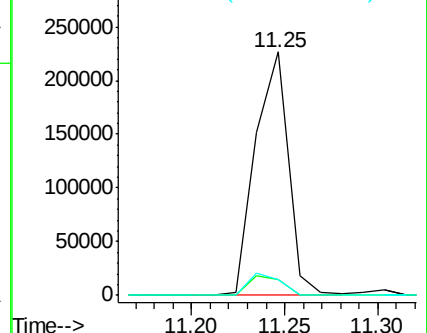
80 6.7 7.0 10.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 51.06 ng

RT: 10.38 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

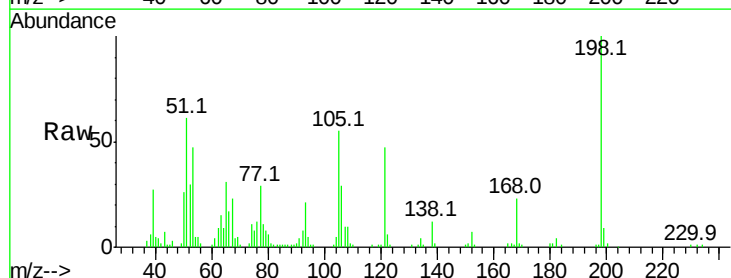
Tgt Ion:198 Resp: 82840

Ion Ratio Lower Upper

198 100

51 61.0 38.2 78.2

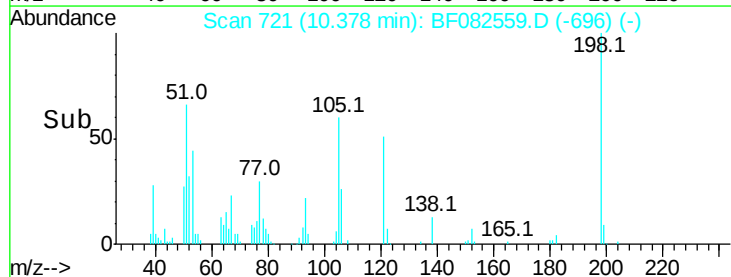
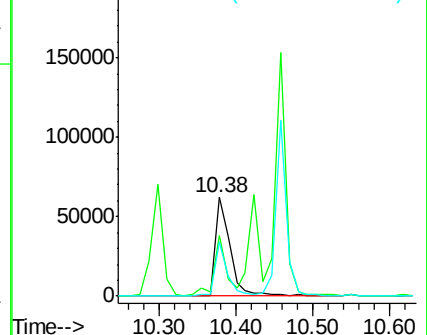
105 54.8 32.2 72.2

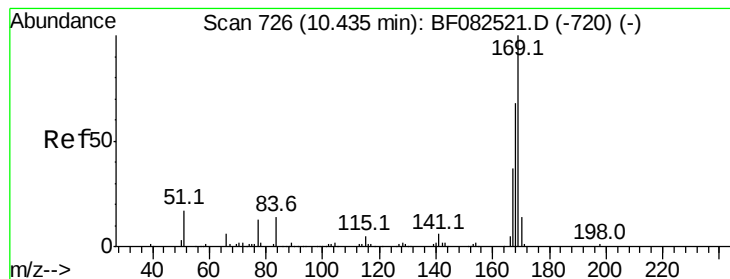


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.51 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

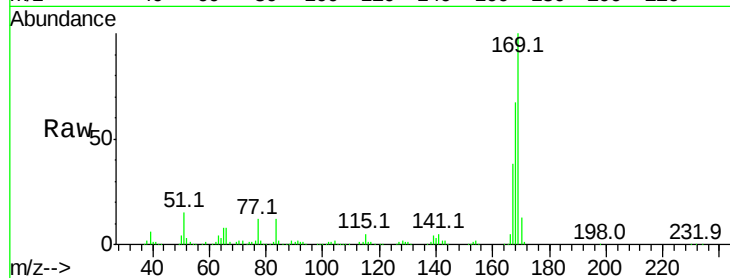
Tot Ion:169 Resp: 414238

Ion Ratio Lower Upper

169 100

168 67.4 54.8 82.2

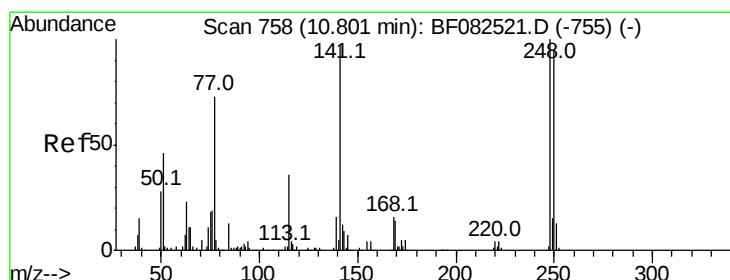
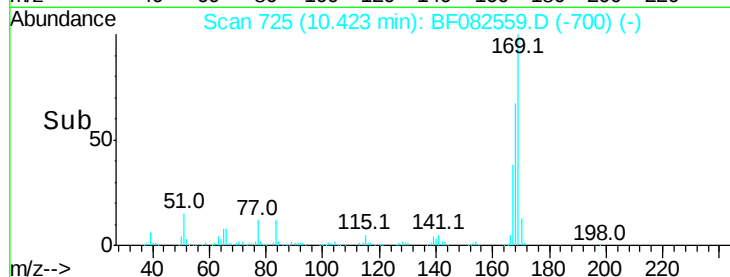
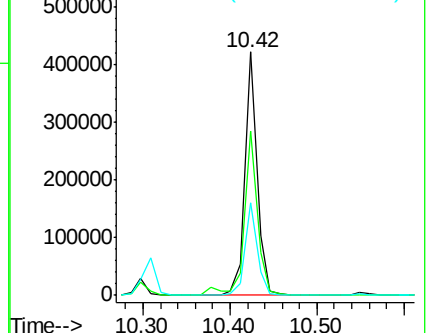
167 38.0 29.5 44.3



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: 54.57 ng

RT: 10.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

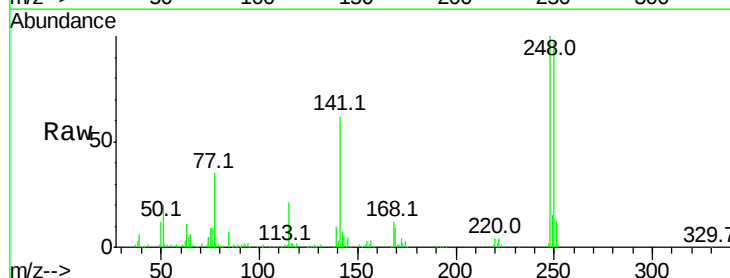
Tgt Ion:248 Resp: 141639

Ion Ratio Lower Upper

248 100

250 96.8 76.0 114.0

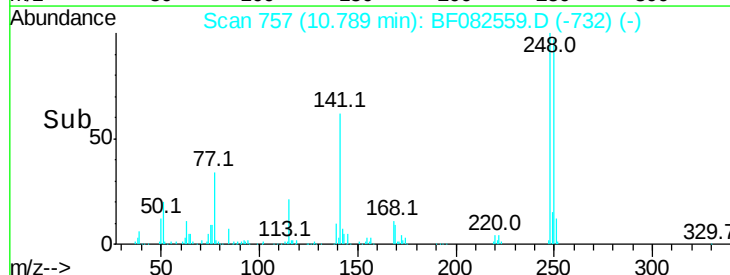
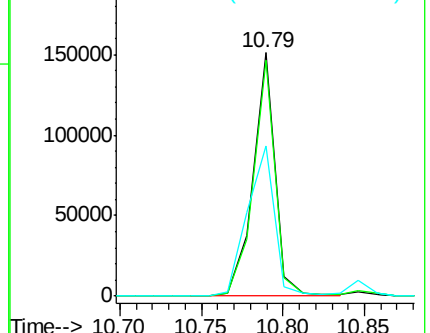
141 61.5 77.5 116.3#

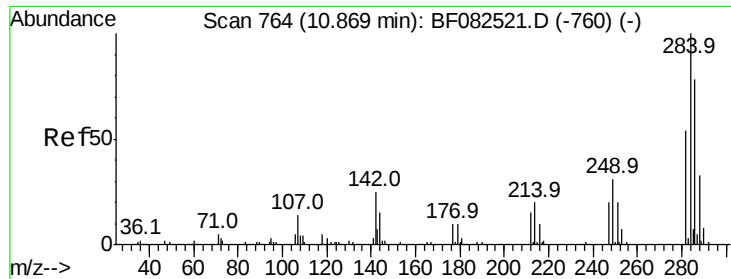


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

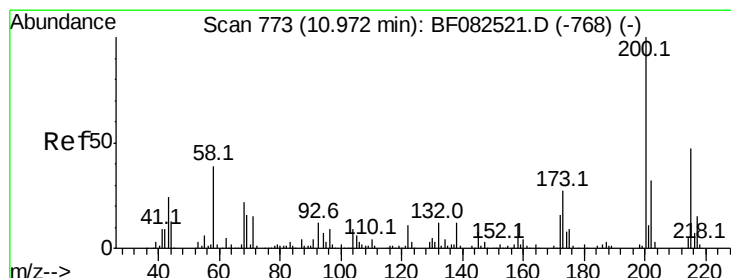
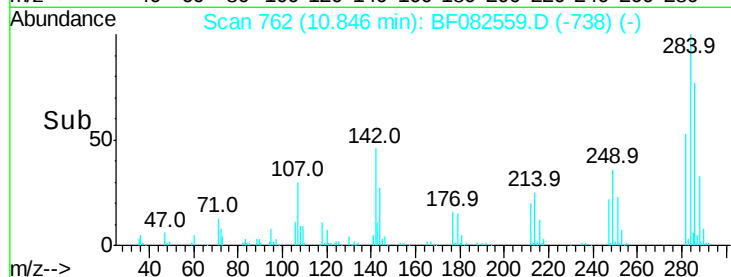
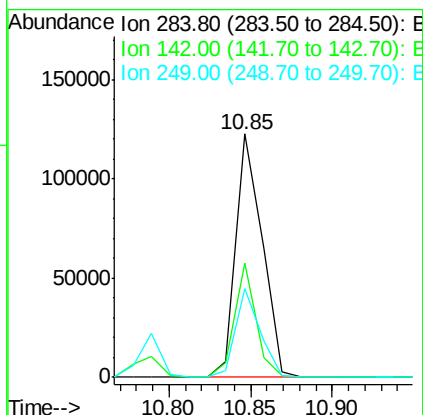
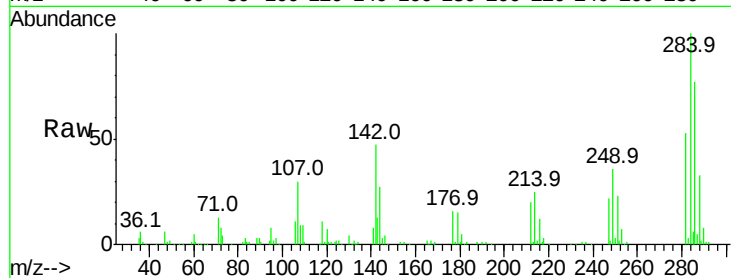




#67
Hexachlorobenzene
Concen: 49.35 ng
RT: 10.85 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

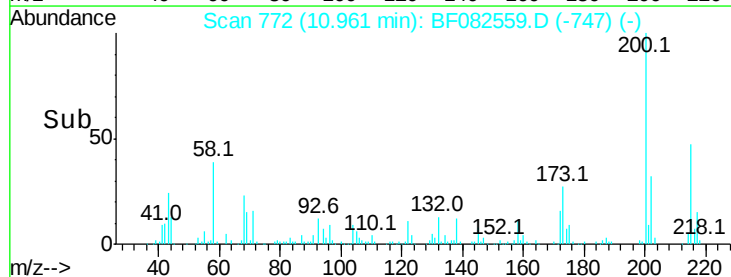
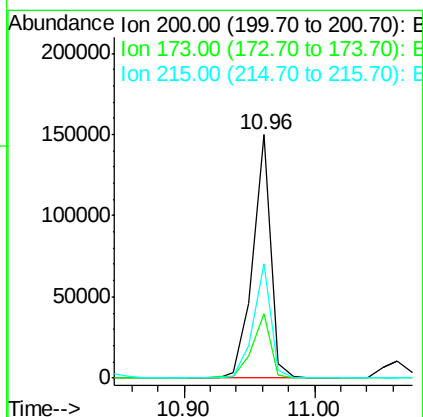
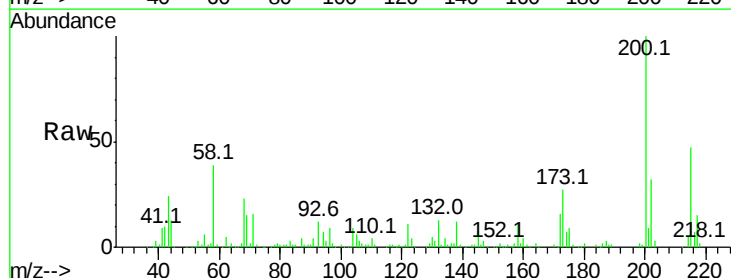
Instrument :
BNA_F
ClientSampleId :
SB-1MS

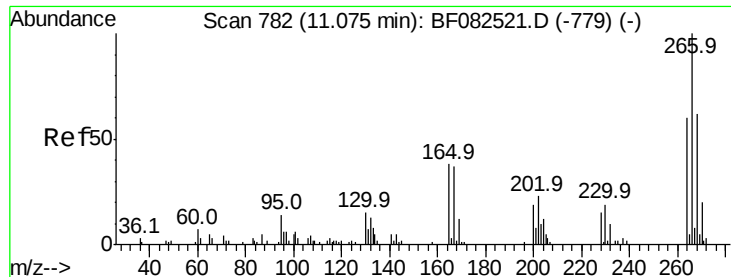
Tot Ion	Ratio	Lower	Upper
284	100		
142	46.9	20.3	30.5
249	36.4	25.3	37.9



#68
Atrazine
Concen: 55.67 ng
RT: 10.96 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.2	47.2
215	46.9	27.0	67.0

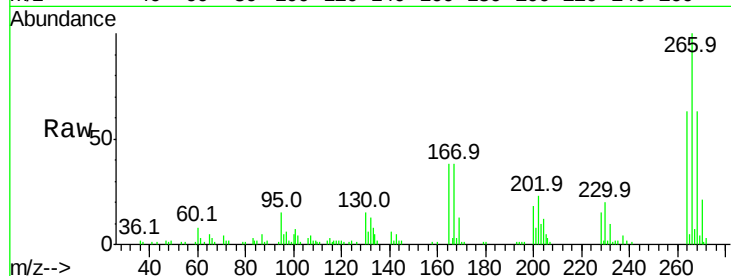




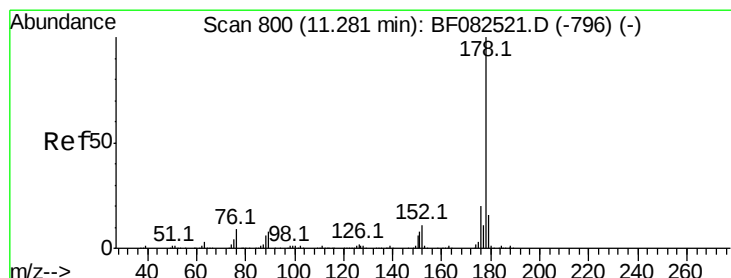
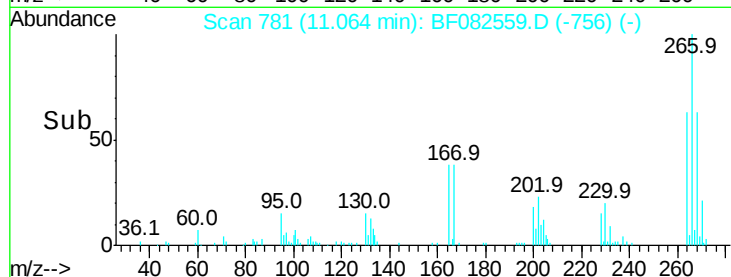
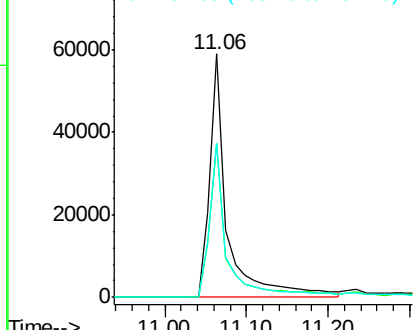
#69
 Pentachlorophenol
 Concen: 80.03 ng
 RT: 11.06 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tot Ion:266 Resp: 90376
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.5 74.3
 264 63.1 48.0 72.0

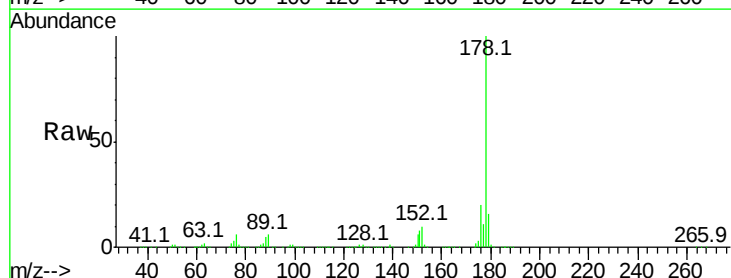


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

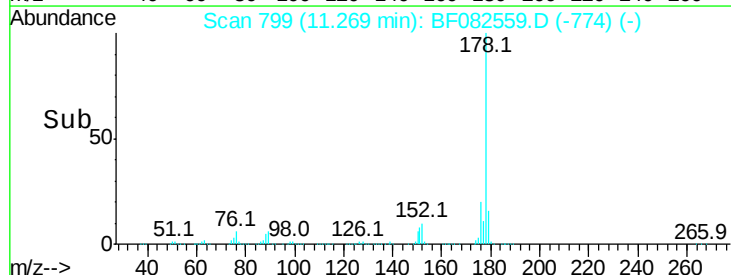
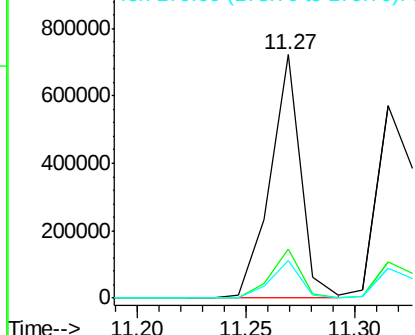


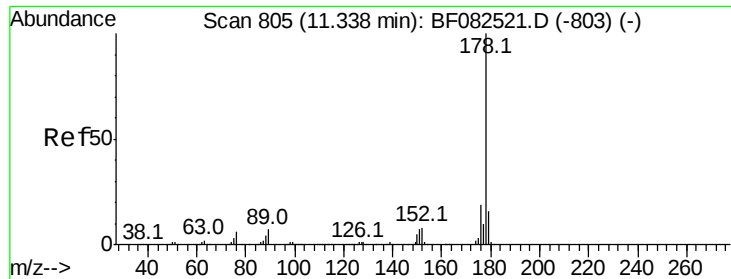
#70
 Phenanthrene
 Concen: 49.89 ng
 RT: 11.27 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Tgt Ion:178 Resp: 710015
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 15.6 12.8 19.2



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

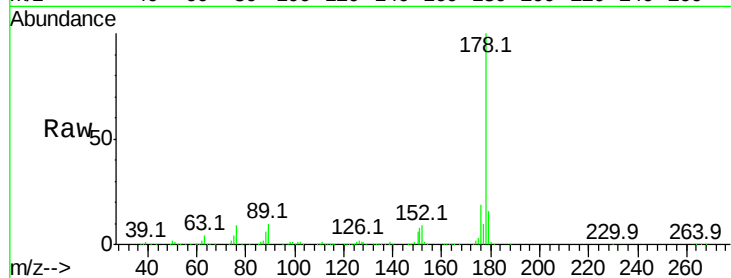




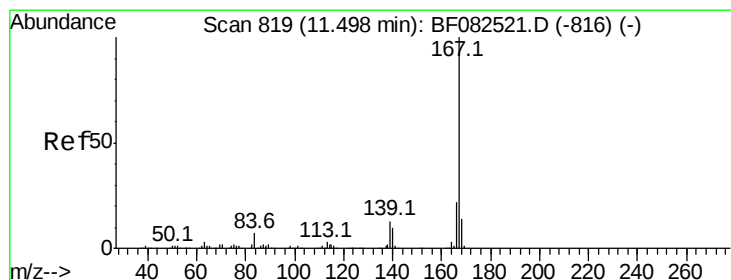
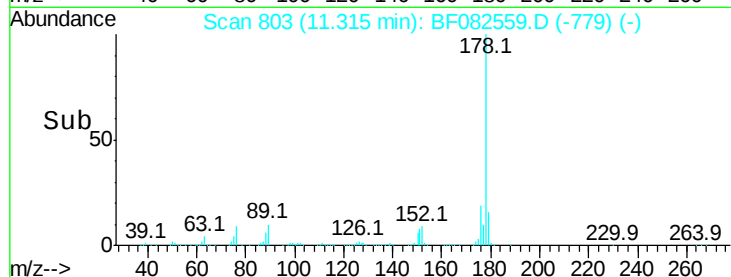
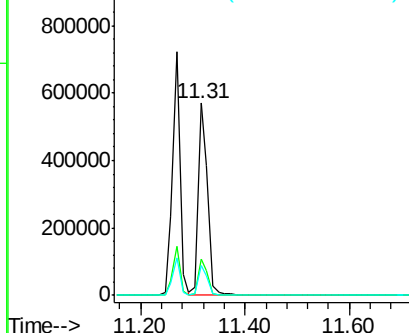
#71
 Anthracene
 Concen: 49.68 ng
 RT: 11.31 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tot Ion:178 Resp: 712101
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.8 12.6 19.0

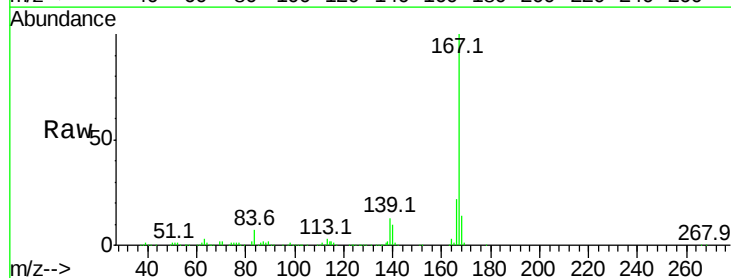


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

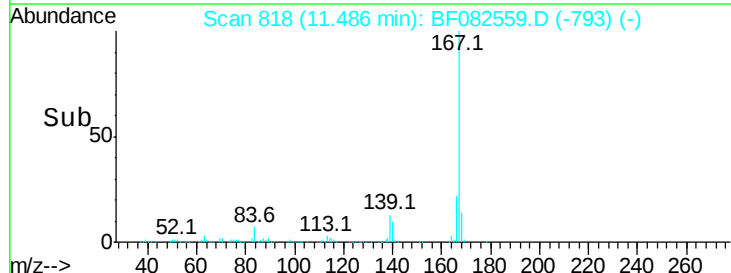
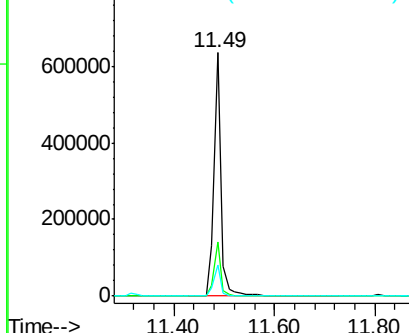


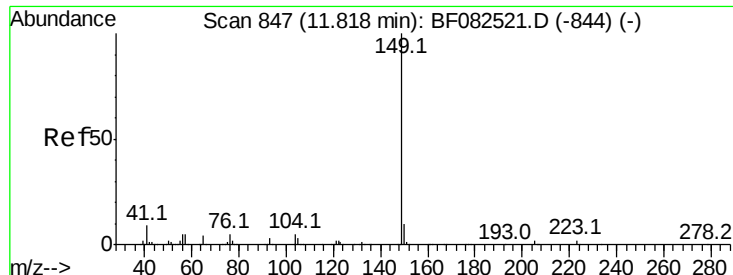
#72
 Carbazole
 Concen: 49.29 ng
 RT: 11.49 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Tgt Ion:167 Resp: 622951
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.9 26.9
 139 12.6 10.4 15.6



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: 52.90 ng

RT: 11.81 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

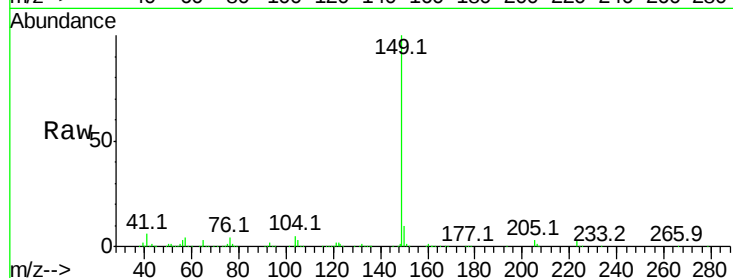
Tot Ion:149 Resp: 797545

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

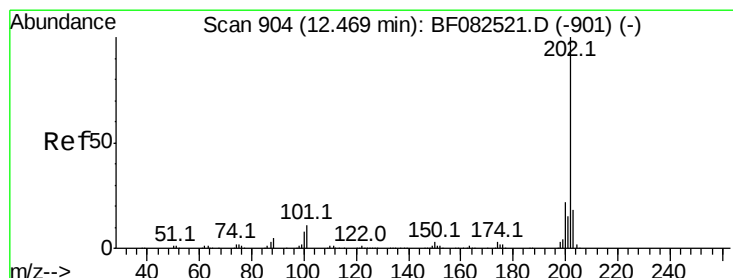
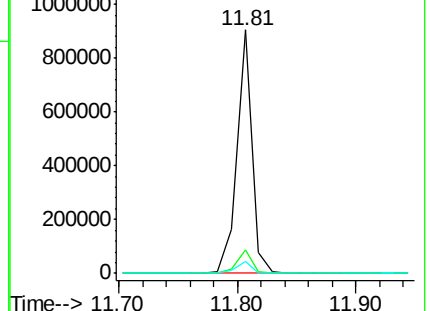
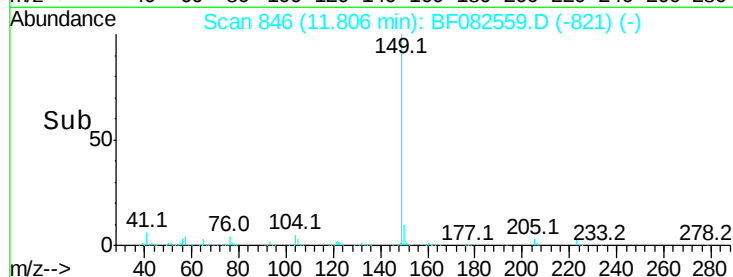
104 4.6 4.2 6.4



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: 45.92 ng

RT: 12.46 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

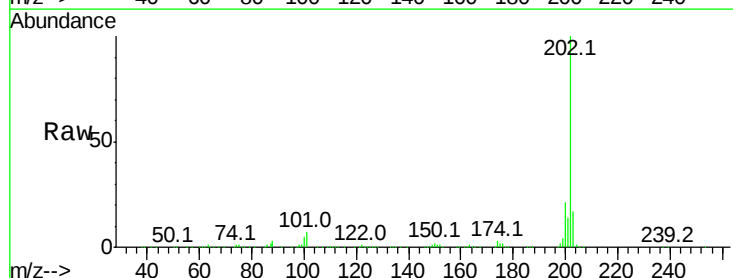
Tgt Ion:202 Resp: 670786

Ion Ratio Lower Upper

202 100

101 6.6 0.0 31.2

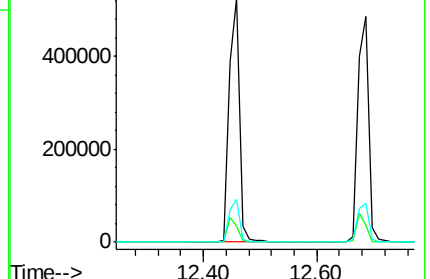
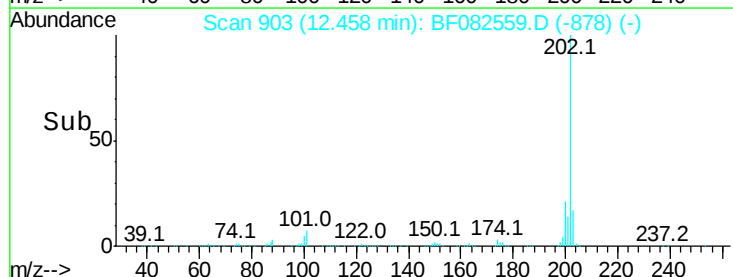
203 17.4 0.0 38.1

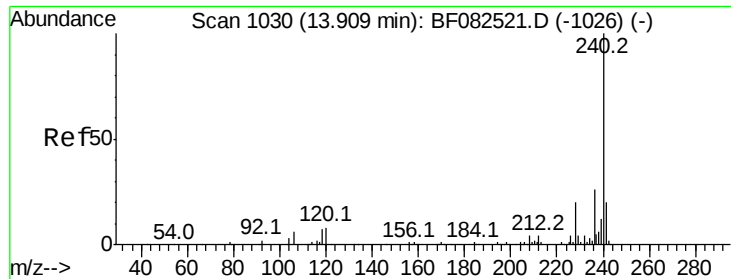


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

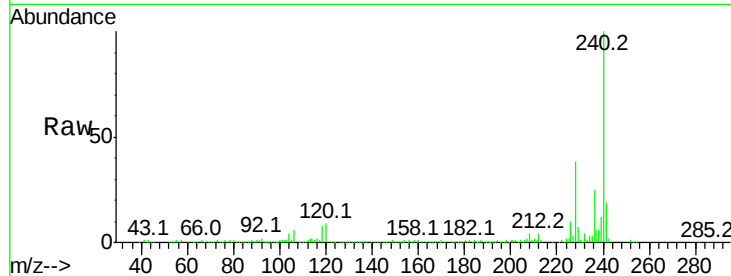
Tot Ion:240 Resp: 174188

Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

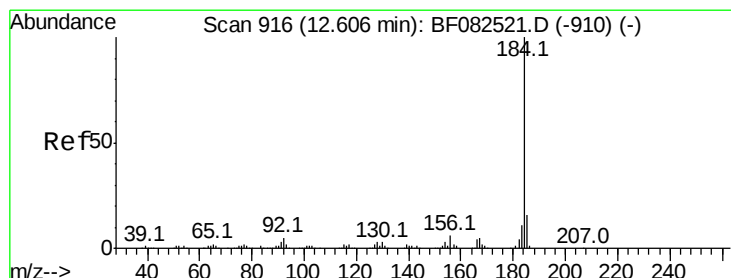
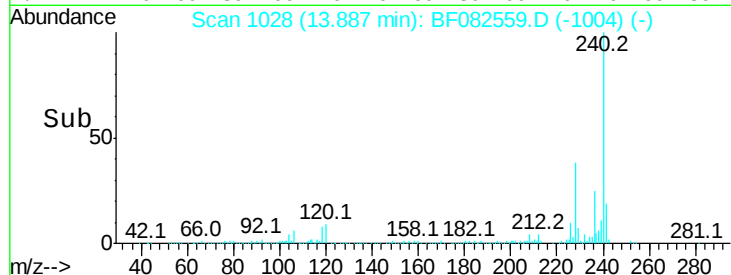
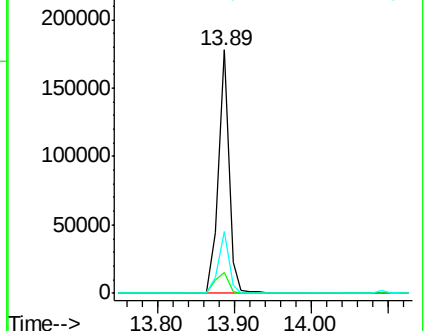
236 25.2 20.5 30.7



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: 4.03 ng m

RT: 12.60 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

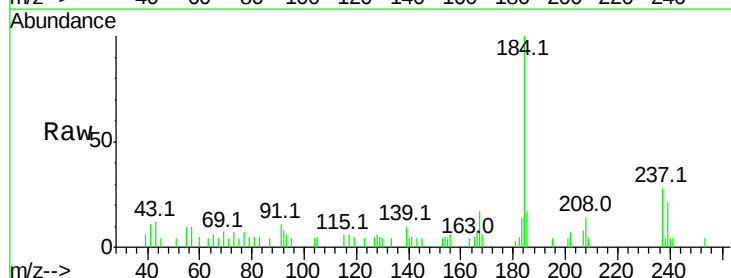
Tgt Ion:184 Resp: 19266

Ion Ratio Lower Upper

184 100

185 17.3 12.8 19.2

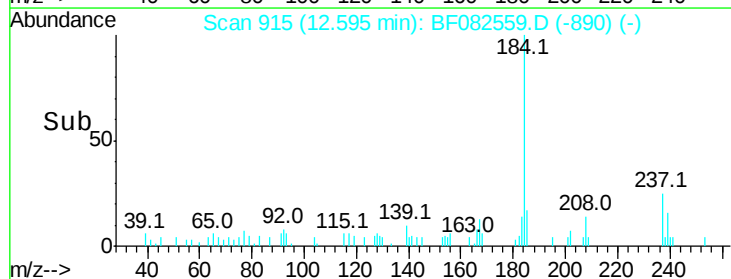
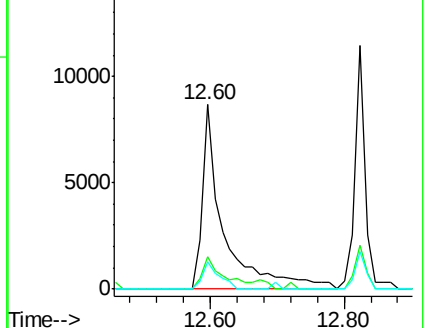
183 14.5 8.9 13.3#

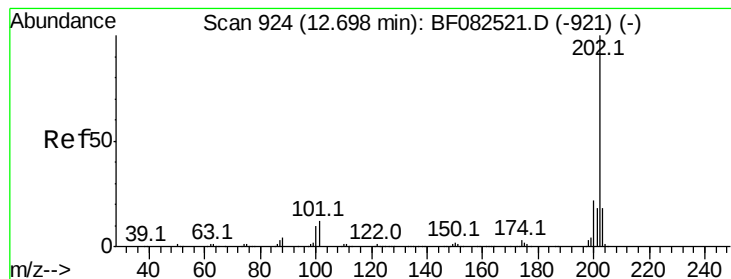


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 60.17 ng

RT: 12.69 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

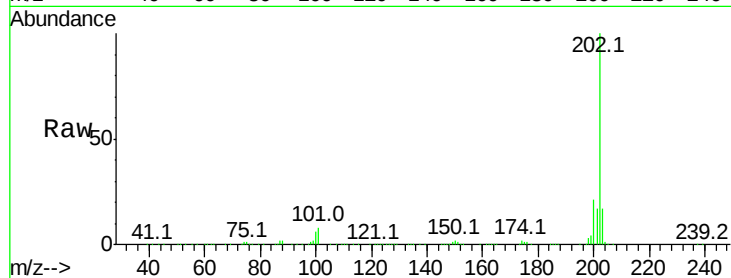
Tot Ion:202 Resp: 644631

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

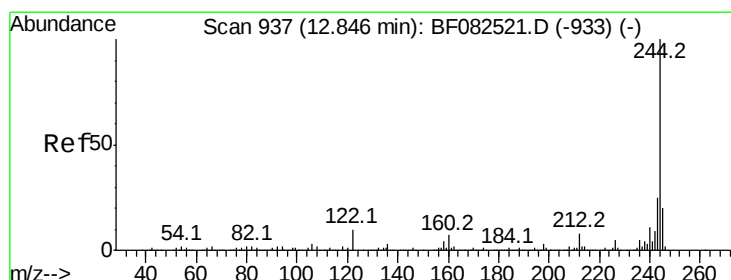
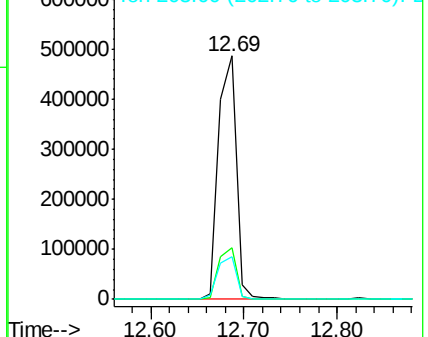
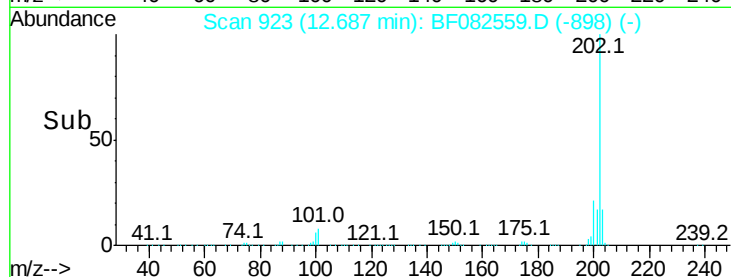
203 17.5 14.6 22.0



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: 126.19 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

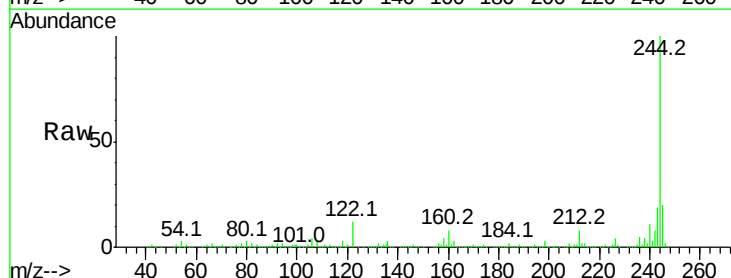
Tgt Ion:244 Resp: 762939

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

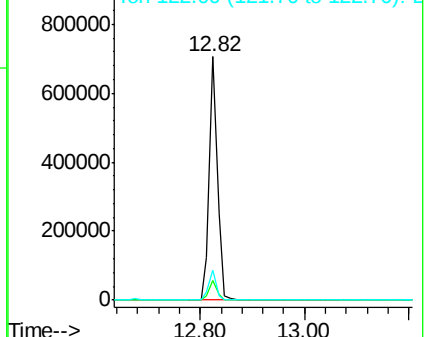
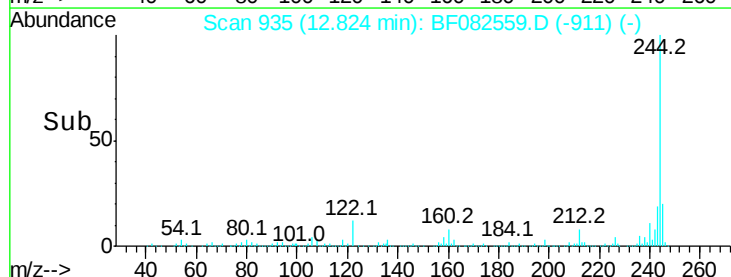
122 12.4 8.1 12.1#

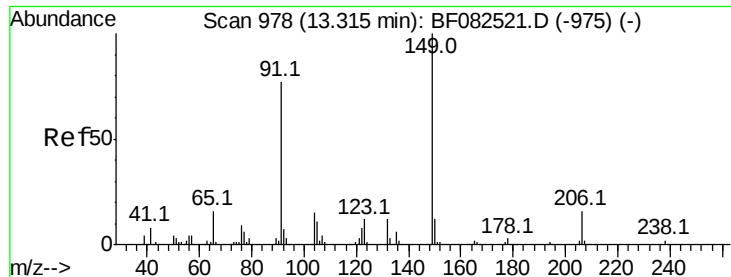


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

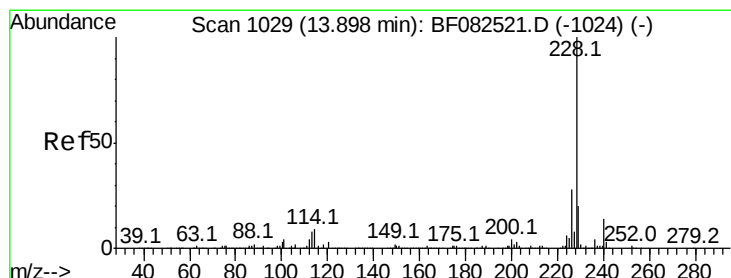
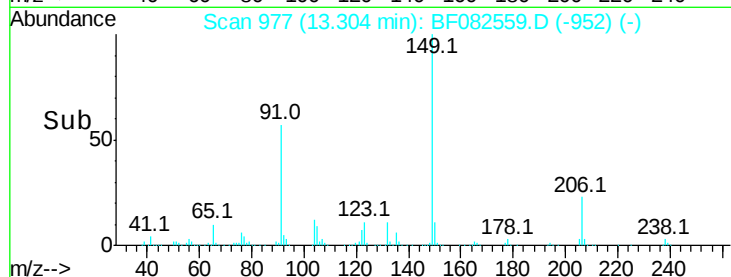
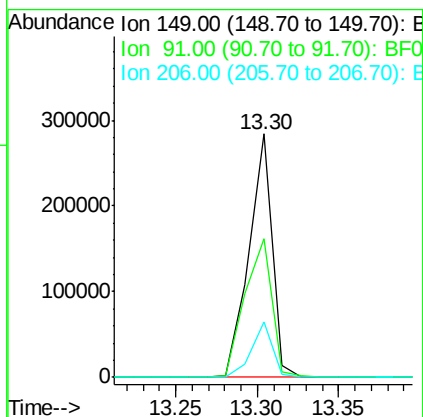
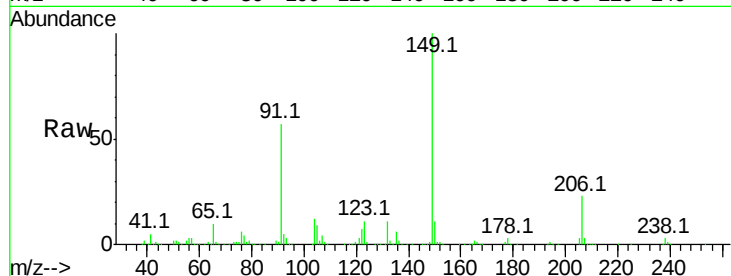




#79
Butylbenzylphthalate
Concen: 62.49 ng
RT: 13.30 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

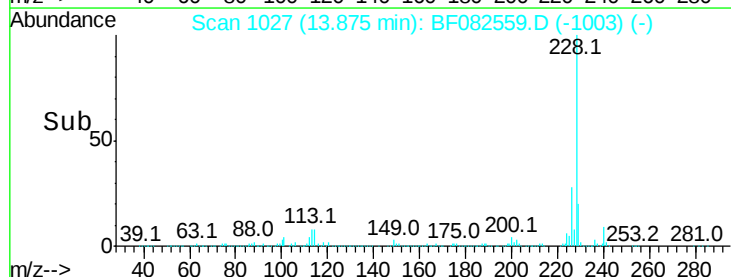
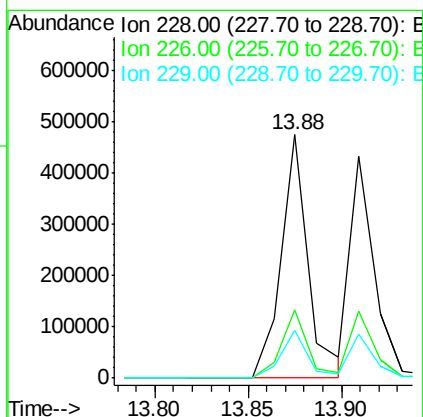
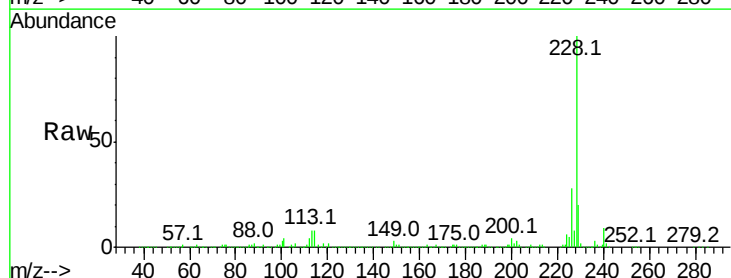
Instrument :
BNA_F
ClientSampleId :
SB-1MS

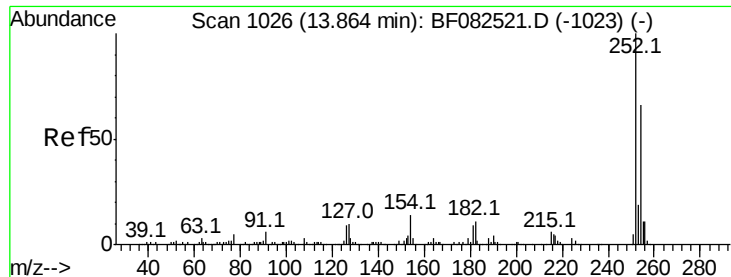
Tot Ion	Ratio	Lower	Upper
149	100		
91	56.8	62.0	93.0#
206	22.8	13.0	19.4#



#80
Benzo(a)anthracene
Concen: 51.30 ng
RT: 13.88 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	19.8	16.1	24.1

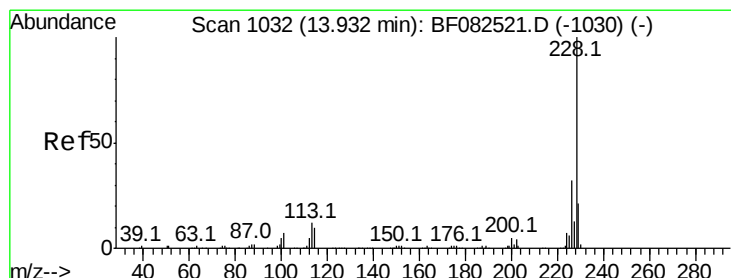
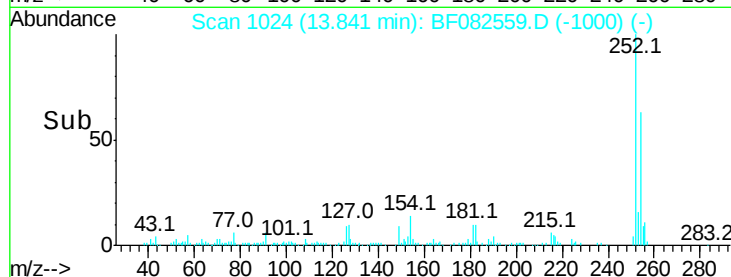
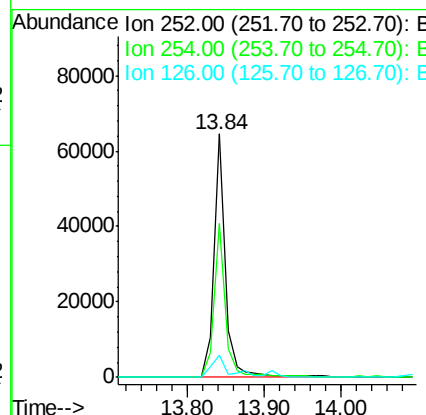
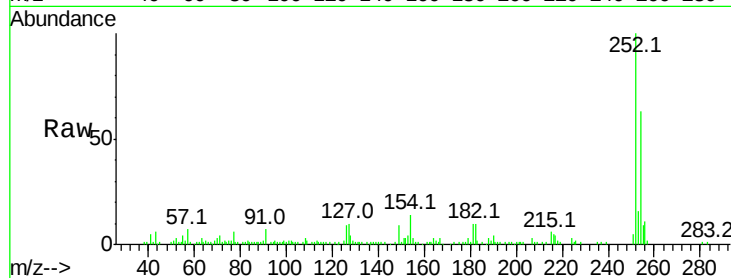




#81
 3,3'-Dichlorobenzidine
 Concen: 20.42 ng
 RT: 13.84 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

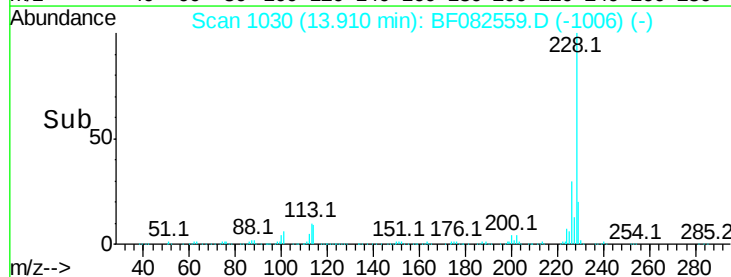
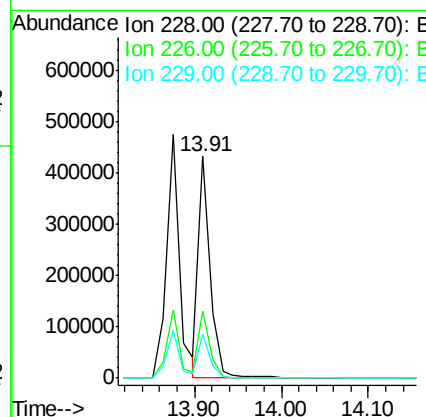
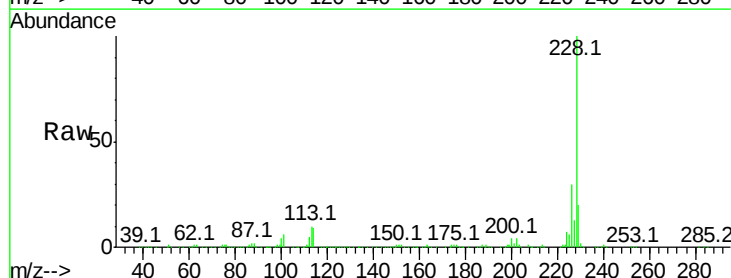
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

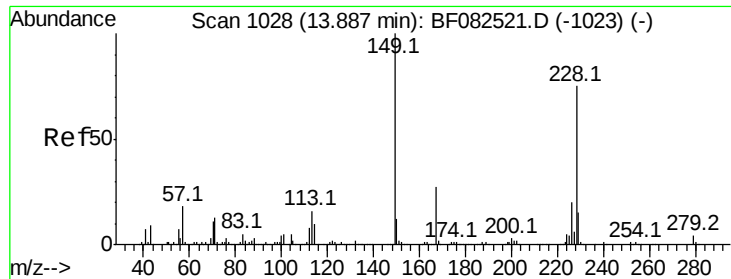
Tot Ion:252 Resp: 66137
 Ion Ratio Lower Upper
 252 100
 254 63.5 53.0 79.6
 126 9.0 7.4 11.2



#82
 Chrysene
 Concen: 45.87 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Tgt Ion:228 Resp: 404680
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.2 37.8
 229 20.1 16.3 24.5

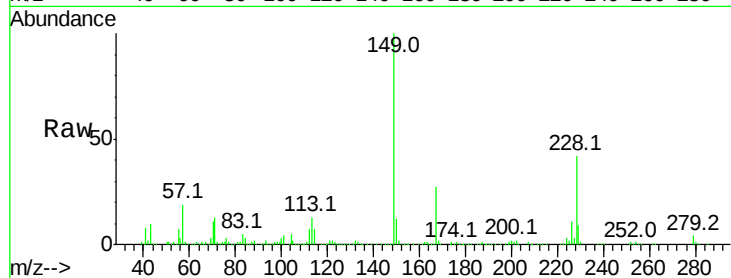




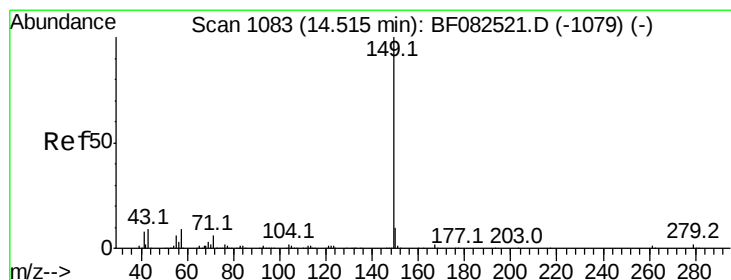
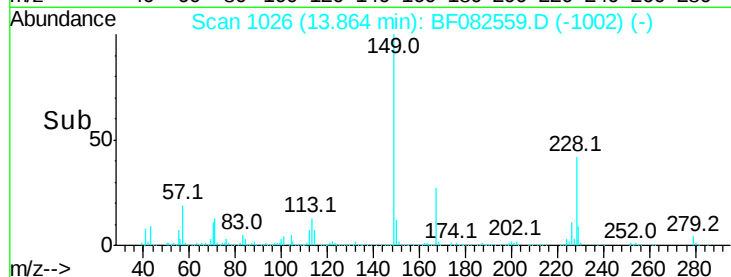
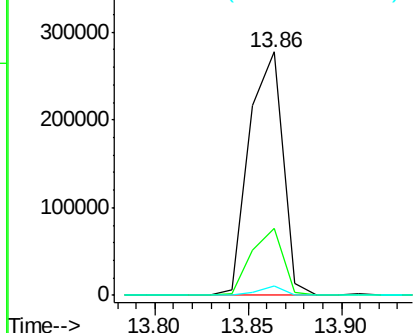
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.55 ng
 RT: 13.86 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tot Ion:149 Resp: 353228
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.6
 279 4.0 3.0 4.6

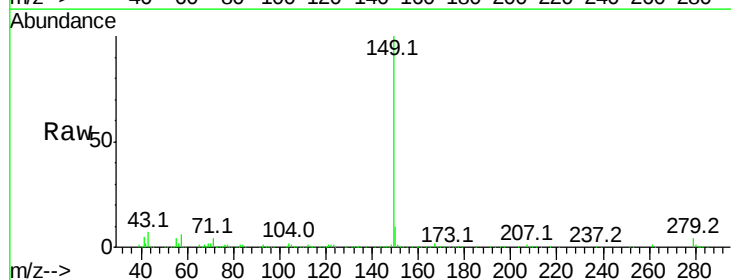


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

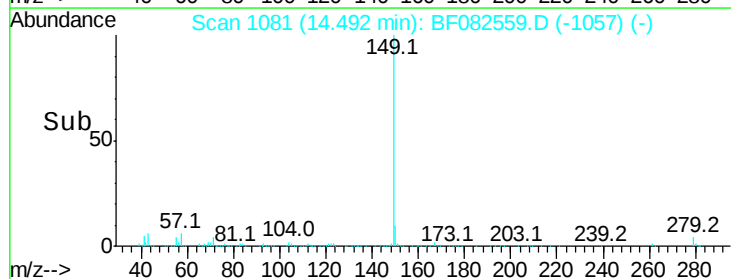
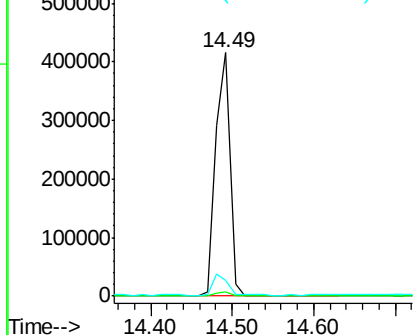


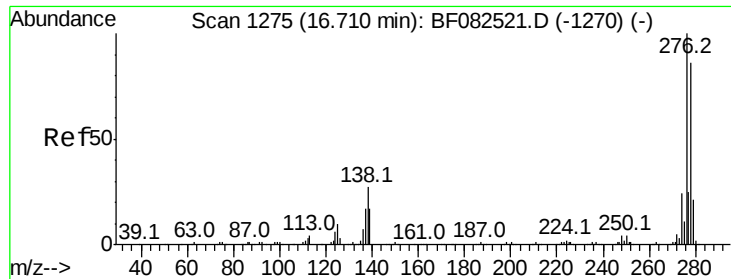
#84
 Di-n-octyl phthalate
 Concen: 50.94 ng
 RT: 14.49 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Tgt Ion:149 Resp: 507206
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 8.8 7.7 11.5



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

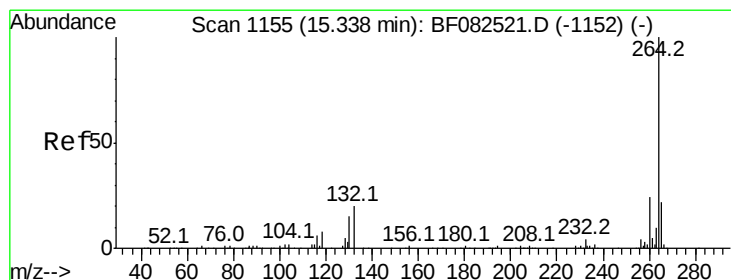
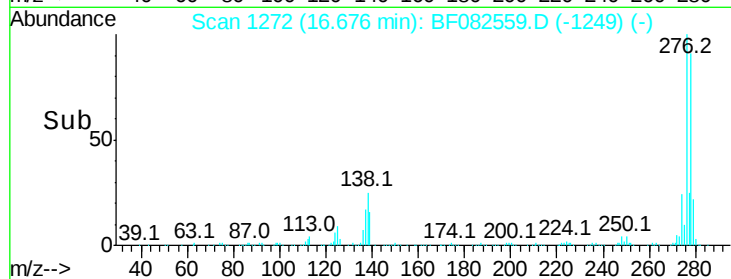
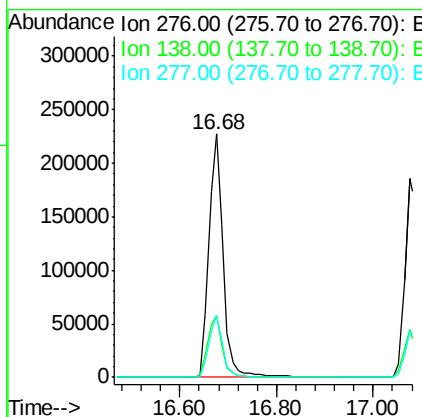
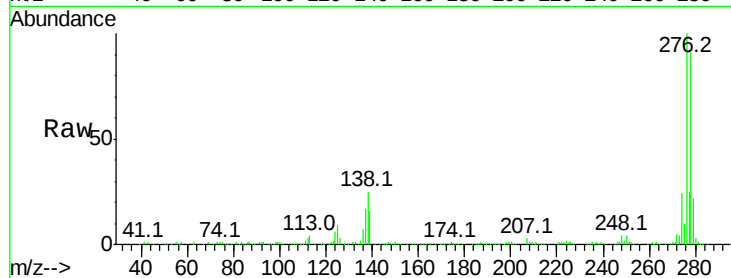




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 58.62 ng
 RT: 16.68 min Scan# 1272
 Delta R.T. -0.03 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

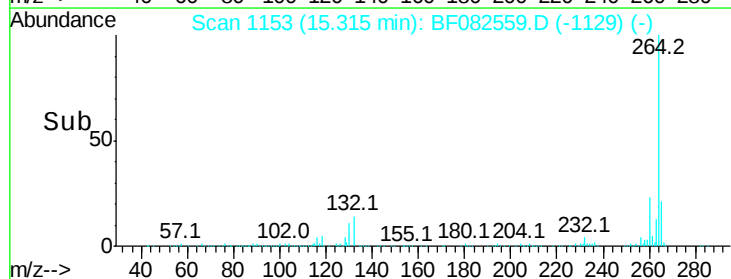
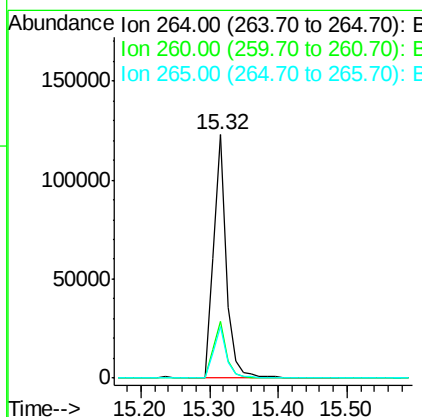
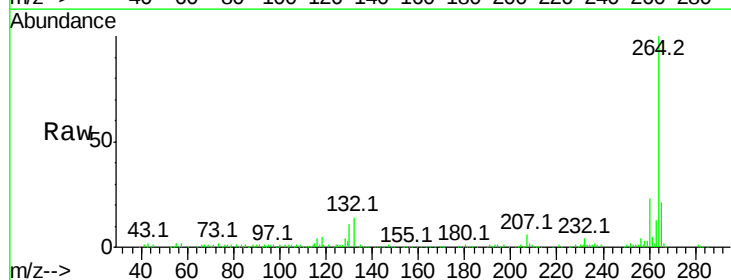
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

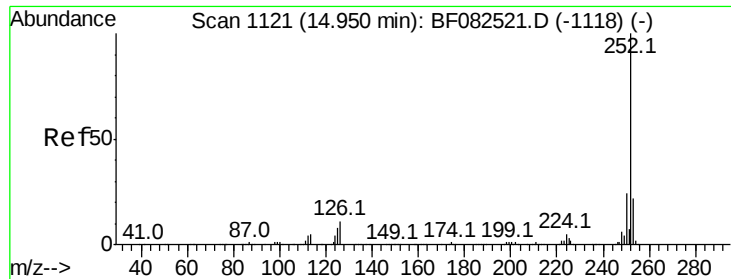
Tot Ion:276 Resp: 475109
 Ion Ratio Lower Upper
 276 100
 138 26.0 20.6 30.8
 277 25.0 19.9 29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Tgt Ion:264 Resp: 162901
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.3 17.8 26.6

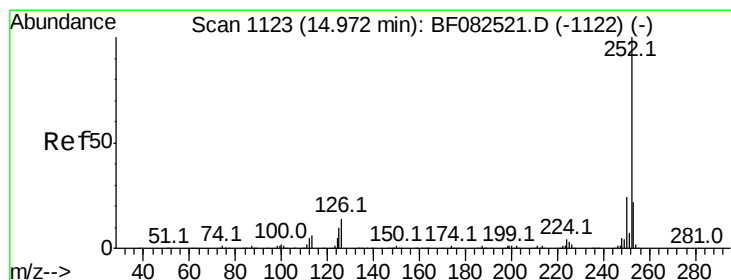
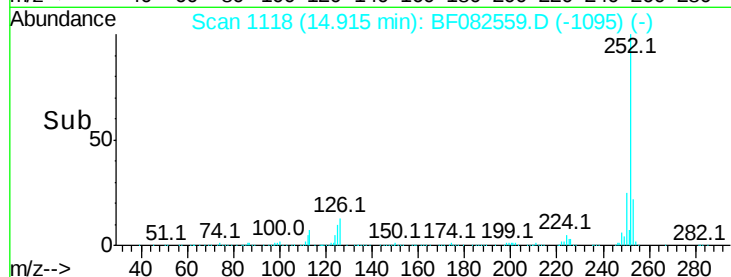
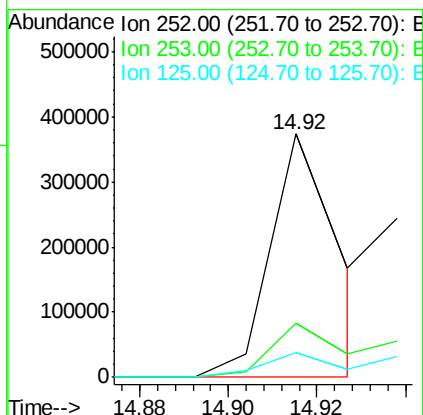
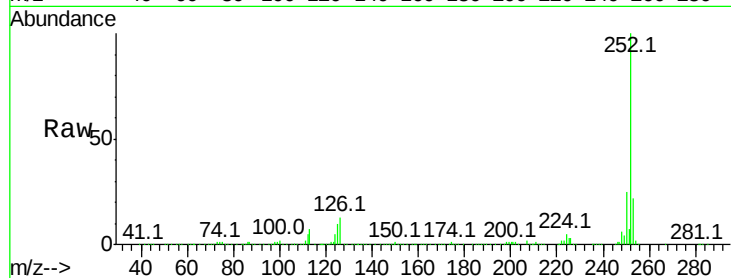




#87
Benzo(b)fluoranthene
Concen: 41.03 ng m
RT: 14.92 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

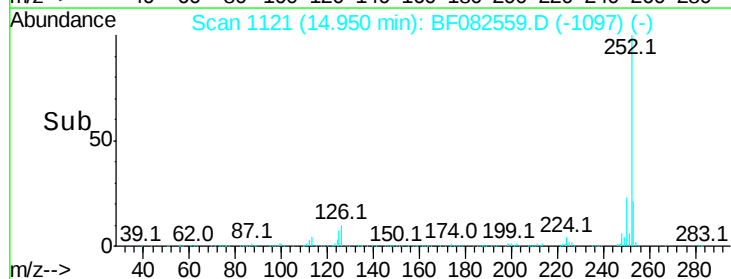
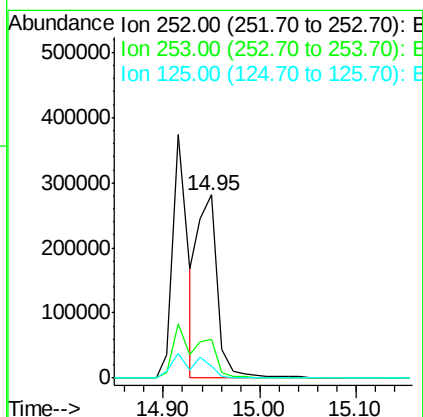
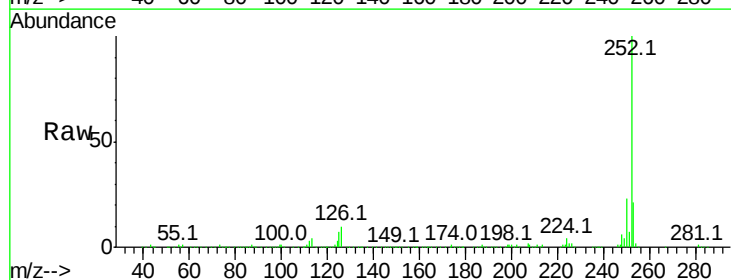
Instrument :
BNA_F
ClientSampleId :
SB-1MS

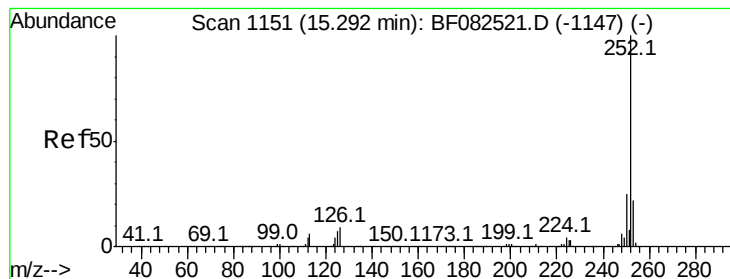
Tot Ion:252 Resp: 396902
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.1 6.6 10.0#



#88
Benzo(k)fluoranthene
Concen: 52.62 ng m
RT: 14.95 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF082559.D
Acq: 27 Oct 2015 21:13

Tgt Ion:252 Resp: 414959
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 6.5 8.7 13.1#





#89

Benzo(a)pyrene

Concen: 49.34 ng

RT: 15.26 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB-1MS

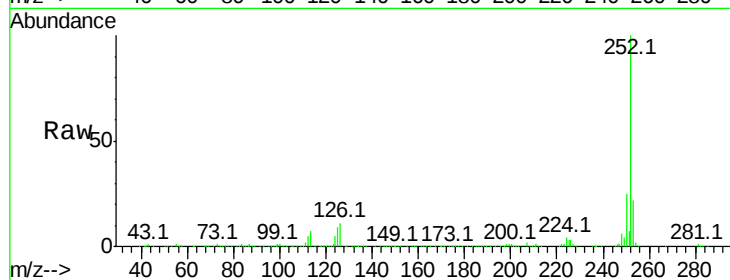
Tot Ion:252 Resp: 413518

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

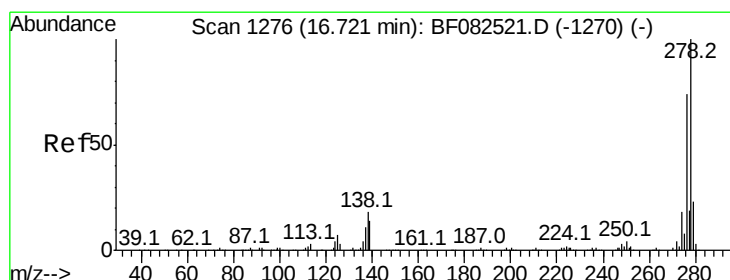
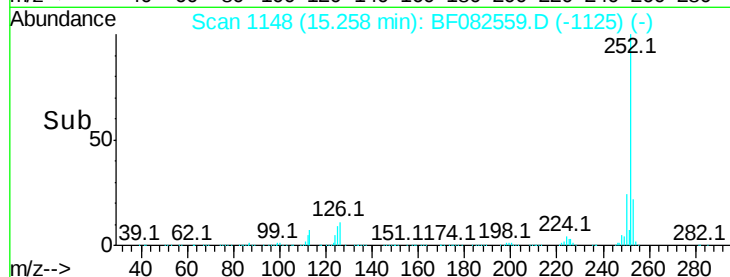
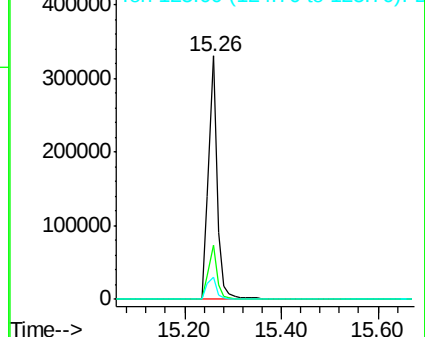
125 9.1 5.9 8.9#



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: 57.36 ng

RT: 16.68 min Scan# 1272

Delta R.T. -0.05 min

Lab File: BF082559.D

Acq: 27 Oct 2015 21:13

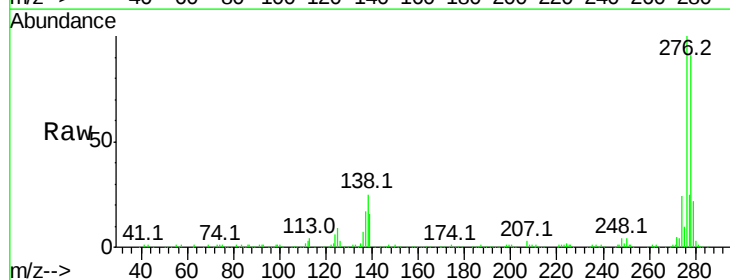
Tgt Ion:278 Resp: 402201

Ion Ratio Lower Upper

278 100

139 17.1 11.6 17.4

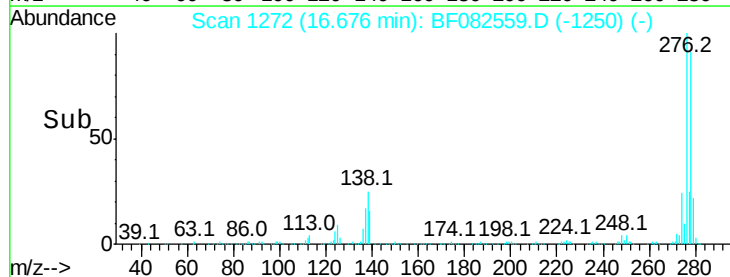
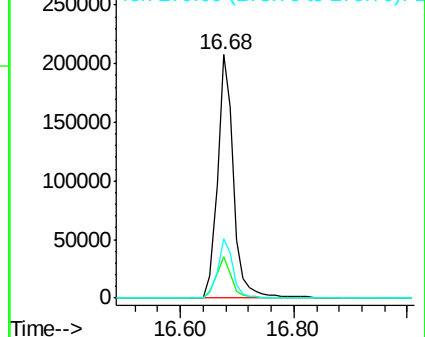
279 24.2 18.7 28.1

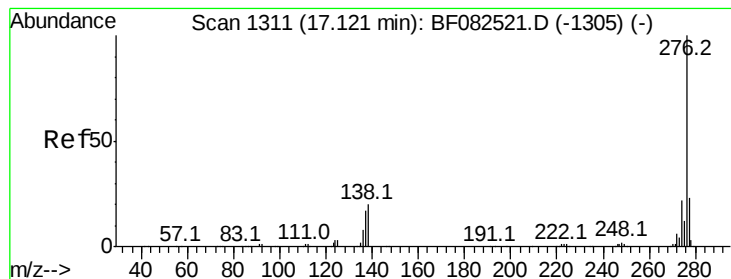


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

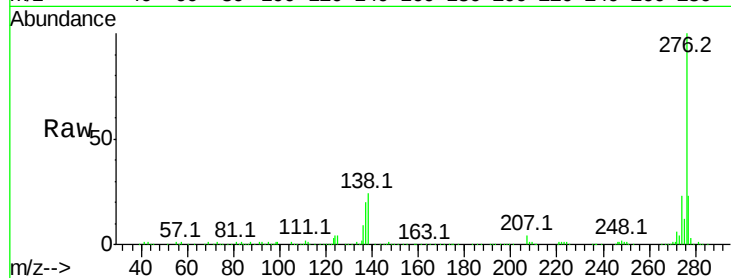




#91
 Benzo(a,h,i)perylene
 Concen: 58.81 ng
 RT: 17.08 min Scan# 1307
 Delta R.T. -0.05 min
 Lab File: BF082559.D
 Acq: 27 Oct 2015 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	23.7	16.0	24.0



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

