

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082554.D
 Acq On : 27 Oct 2015 18:48
 Operator : UM/IZ
 Sample : G4157-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Quant Time: Oct 28 01:24:44 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	76858	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	303287	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	145178	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	281695	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	207970	20.00	ng	-0.02
86) Perylene-d12	15.29	264	150362	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	433055	111.23	ng	0.00
7) Phenol-d6	6.38	99	591224	116.51	ng	0.00
23) Nitrobenzene-d5	7.29	82	356208	75.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	130066	119.64	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	733531	80.34	ng	-0.02
78) Terphenyl-d14	12.82	244	733198	101.57	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	52561	26.90	ng	94
3) Pyridine	2.94	79	133225	29.25	ng	98
4) n-Nitrosodimethylamine	2.90	42	62419	31.16	ng	94
6) Aniline	6.38	93	136157	21.29	ng	90
8) 2-Chlorophenol	6.50	128	163340	35.77	ng	96
9) Benzaldehyde	6.26	77	56664	19.97	ng	96
10) Phenol	6.39	94	202121	35.09	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	158482	34.67	ng	89
12) 1,3-Dichlorobenzene	6.65	146	180681m	33.17	ng	
13) 1,4-Dichlorobenzene	6.73	146	182512	32.57	ng	95
14) 1,2-Dichlorobenzene	6.88	146	180137	34.63	ng	95
15) Benzyl Alcohol	6.87	79	136679	38.70	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	223785	36.15	ng	# 46
17) 2-Methylphenol	6.99	107	127253	34.75	ng	93
18) Hexachloroethane	7.21	117	64450	33.78	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	111667	33.78	ng	93
20) 3+4-Methylphenols	7.15	107	164211	35.10	ng	95
22) Acetophenone	7.13	105	229278	34.84	ng	# 95
24) Nitrobenzene	7.30	77	168264	32.05	ng	92
25) Isophorone	7.54	82	315606	33.79	ng	97
26) 2-Nitrophenol	7.62	139	91805	36.20	ng	# 81
27) 2,4-Dimethylphenol	7.67	122	137139	33.28	ng	90
28) bis(2-Chloroethoxy)methane	7.76	93	203009	37.07	ng	99
29) 2,4-Dichlorophenol	7.87	162	157456	38.30	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	161498	34.74	ng	98
31) Naphthalene	8.02	128	488645	35.26	ng	99
33) 4-Chloroaniline	8.09	127	102297	19.04	ng	99
34) Hexachlorobutadiene	8.14	225	91597	34.07	ng	99
35) Caprolactam	8.46	113	36604	32.03	ng	# 83
36) 4-Chloro-3-methylphenol	8.58	107	159009	39.78	ng	99
37) 2-Methylnaphthalene	8.71	142	321855	34.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	171935	39.23	ng	99
40) Hexachlorocyclopentadiene	8.86	237	45950	47.56	ng	99
42) 2,4,6-Trichlorophenol	9.01	196	96909	35.48	ng	97

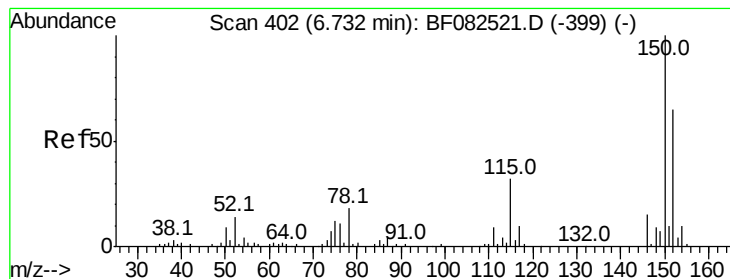
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	105446	36.81	nq	99
45) 1,1'-Biphenyl	9.18	154	426985	39.52	nq	98
46) 2-Chloronaphthalene	9.20	162	314955	36.98	nq	96
47) 2-Nitroaniline	9.31	65	97184	39.29	nq	# 84
48) Acenaphthylene	9.61	152	502305	36.83	nq	99
49) Dimethylphthalate	9.49	163	489221	48.43	nq	99
50) 2,6-Dinitrotoluene	9.55	165	84870	38.32	nq	# 65
51) Acenaphthene	9.78	154	294347	37.63	nq	99
52) 3-Nitroaniline	9.73	138	71076	29.57	nq	86
53) 2,4-Dinitrophenol	9.87	184	4631	10.73	nq	# 76
54) Dibenzofuran	9.95	168	451401	39.55	nq	98
55) 4-Nitrophenol	9.92	139	59596m	59.61	nq	
56) 2,4-Dinitrotoluene	9.97	165	109194	40.65	nq	# 64
57) Fluorene	10.30	166	352091	37.58	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	79858	36.42	nq	94
59) Diethylphthalate	10.18	149	395578	40.24	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	182068	41.32	nq	# 91
61) 4-Nitroaniline	10.34	138	79302	32.95	nq	95
62) Azobenzene	10.46	77	387098	40.76	nq	89
64) 4,6-Dinitro-2-methylphenol	10.38	198	39840	24.11	nq	# 72
65) n-Nitrosodiphenylamine	10.42	169	323088	37.91	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	98653	37.32	nq	# 73
67) Hexachlorobenzene	10.85	284	106956	37.94	nq	# 87
68) Atrazine	10.95	200	97917	37.11	nq	99
69) Pentachlorophenol	11.05	266	48613	45.72	nq	97
70) Phenanthrene	11.26	178	547773	37.78	nq	99
71) Anthracene	11.31	178	573190	39.26	nq	100
72) Carbazole	11.48	167	484054	37.60	nq	98
73) Di-n-butylphthalate	11.81	149	622964	40.57	nq	# 97
74) Fluoranthene	12.45	202	569467	38.27	nq	98
76) Benzidine	12.58	184	147364	25.82	nq	97
77) Pyrene	12.68	202	556266	43.49	nq	100
79) Butylbenzylphthalate	13.29	149	235292	43.75	nq	97
80) Benzo(a)anthracene	13.88	228	429595	38.53	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	99863	25.83	nq	# 95
82) Chrysene	13.91	228	403562	38.32	nq	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	313441	43.52	nq	# 97
84) Di-n-octyl phthalate	14.47	149	423083	35.59	nq	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	320294	33.10	nq	99
87) Benzo(b)fluoranthene	14.90	252	346976m	38.86	nq	
88) Benzo(k)fluoranthene	14.93	252	293731m	40.35	nq	
89) Benzo(a)pyrene	15.24	252	302113	39.05	nq	# 98
90) Dibenzo(a,h)anthracene	16.65	278	267086	41.27	nq	99
91) Benzo(g,h,i)perylene	17.05	276	277915	43.40	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.02 min

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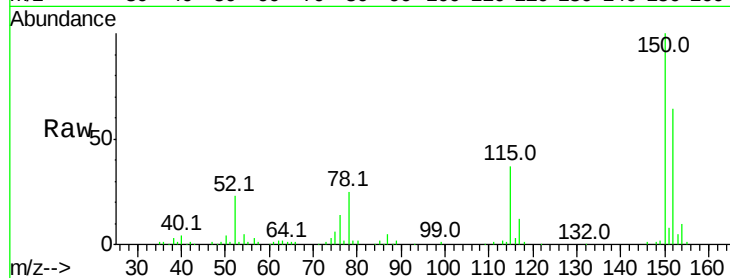
Tot Ion:152 Resp: 76858

Ion Ratio Lower Upper

152 100

150 156.5 123.4 185.0

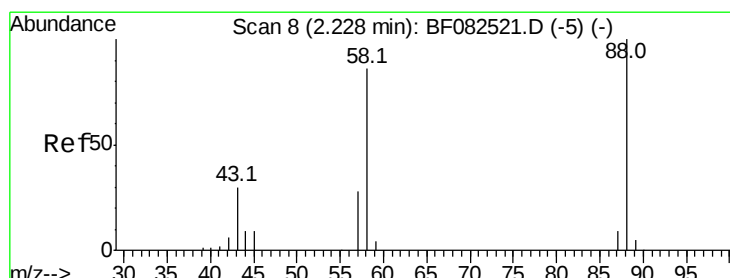
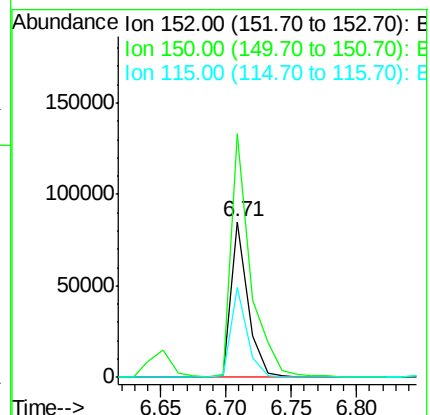
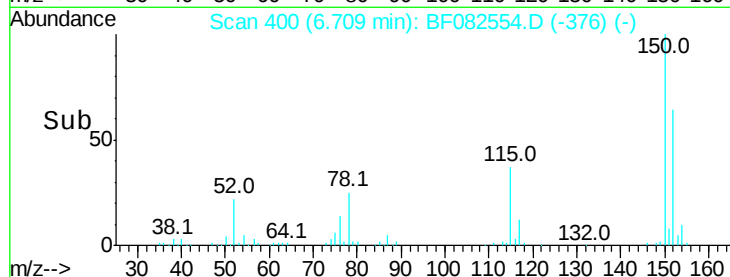
115 57.9 39.0 58.4



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: 26.90 ng

RT: 2.26 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

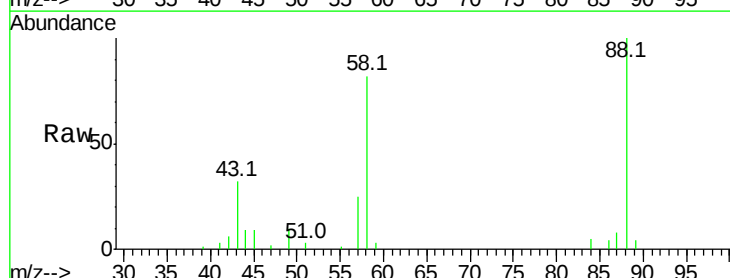
Tgt Ion: 88 Resp: 52561

Ion Ratio Lower Upper

88 100

58 82.4 63.0 94.4

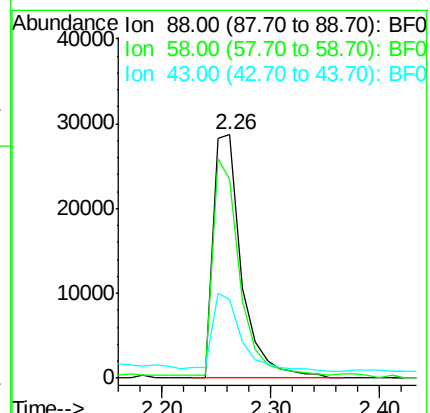
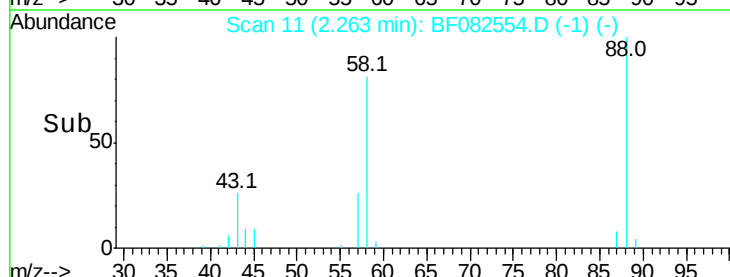
43 33.5 22.5 33.7

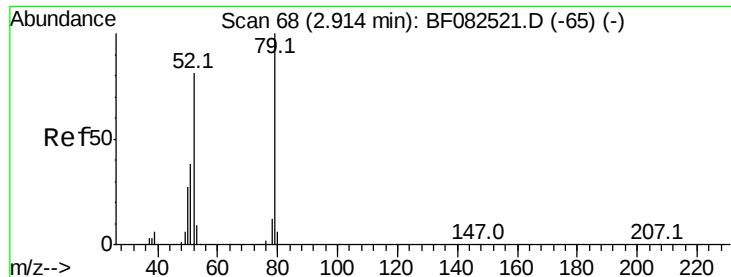


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.25 ng

RT: 2.94 min Scan# 70

Delta R.T. 0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

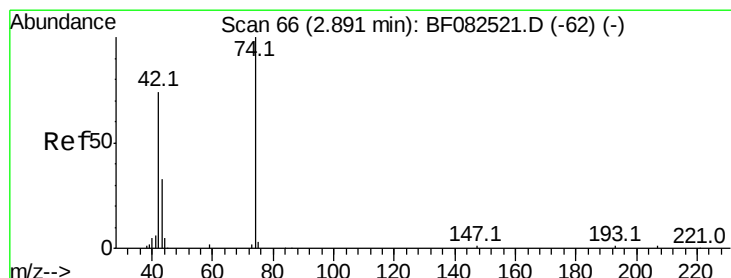
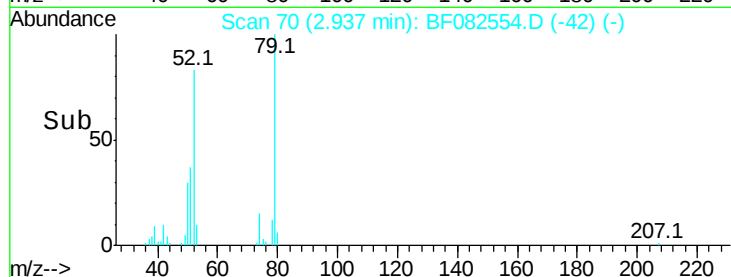
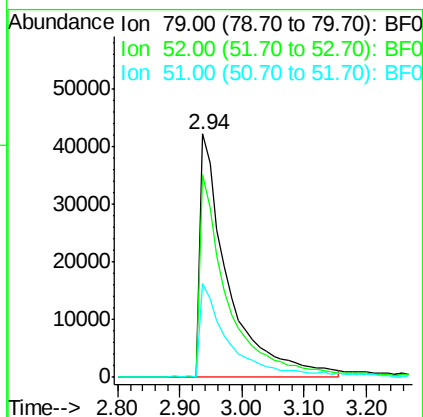
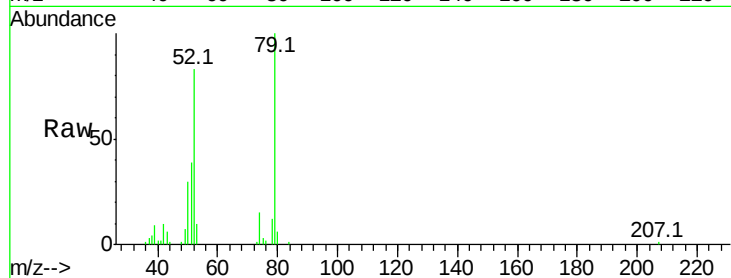
Tot Ion: 79 Resp: 133225

Ion Ratio Lower Upper

79 100

52 83.2 64.4 96.6

51 38.6 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 31.16 ng

RT: 2.90 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

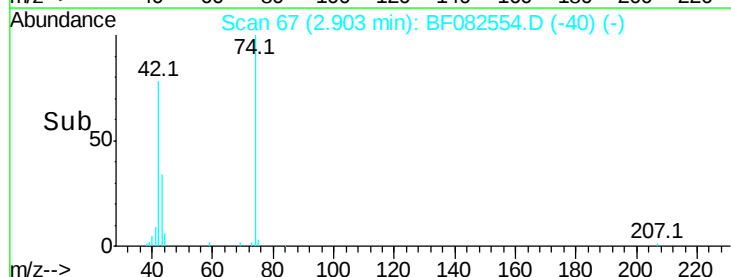
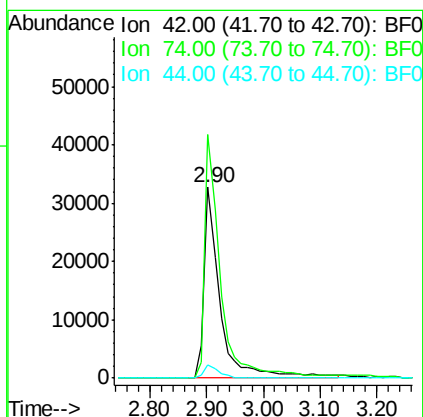
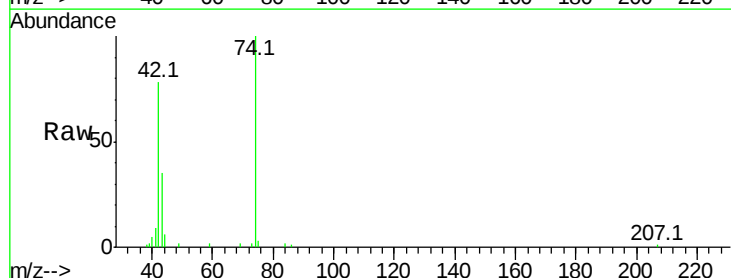
Tgt Ion: 42 Resp: 62419

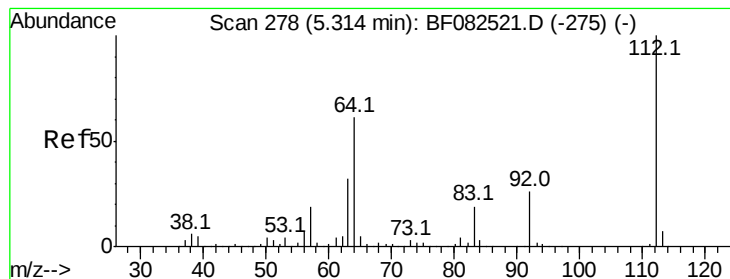
Ion Ratio Lower Upper

42 100

74 127.8 108.3 162.5

44 7.0 5.5 8.3

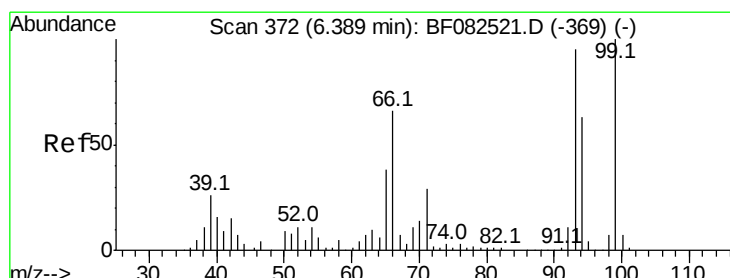
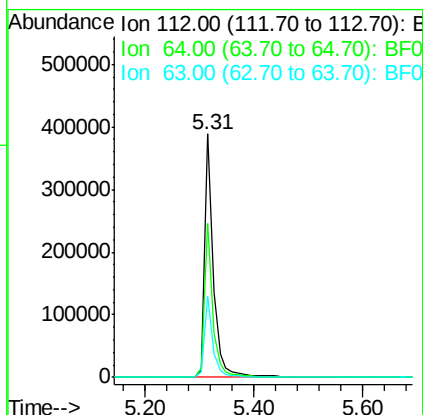
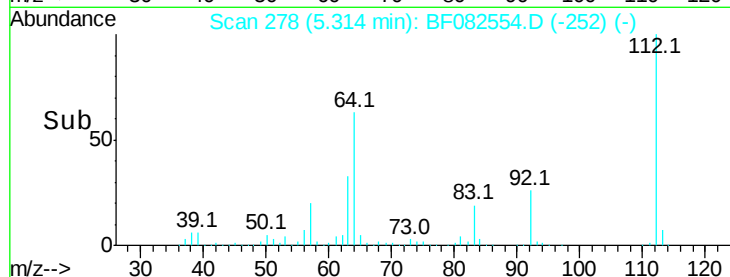
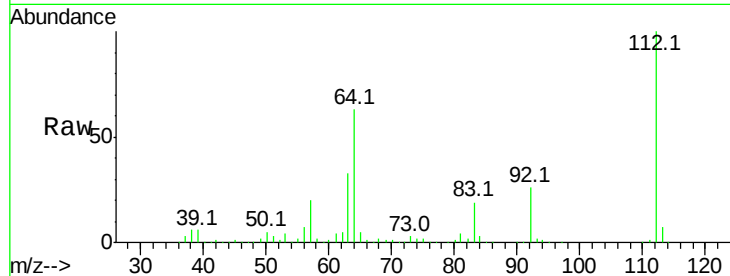




#5
 2-Fluorophenol
 Concen: 111.23 ng
 RT: 5.31 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

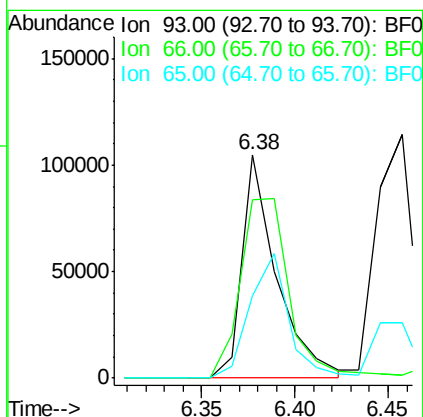
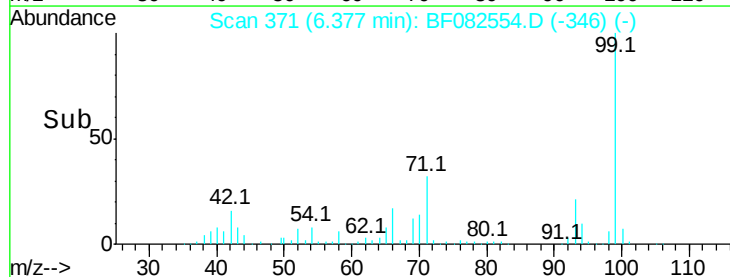
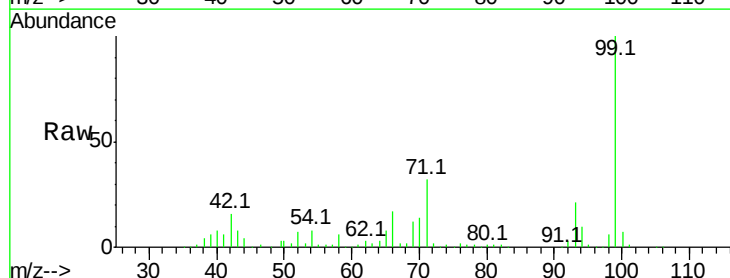
Instrument :
 BNA_F
 ClientSampled :
 SB-1MSD

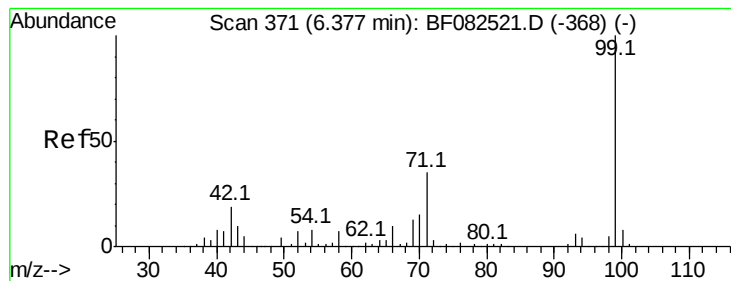
Tot Ion:	112	Resp:	433055
Ion	Ratio	Lower	Upper
112	100		
64	63.1	49.0	73.4
63	33.3	25.8	38.6



#6
 Aniline
 Concen: 21.29 ng
 RT: 6.38 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:	93	Resp:	136157
Ion	Ratio	Lower	Upper
93	100		
66	80.0	55.9	83.9
65	36.9	31.8	47.6





#7

Phenol-d6

Concen: 116.51 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

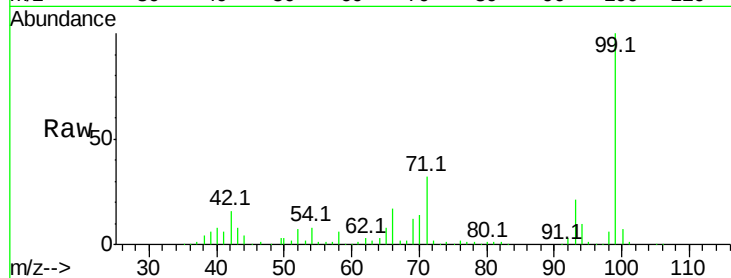
Tot Ion: 99 Resp: 591224

Ion Ratio Lower Upper

99 100

42 16.2 15.1 22.7

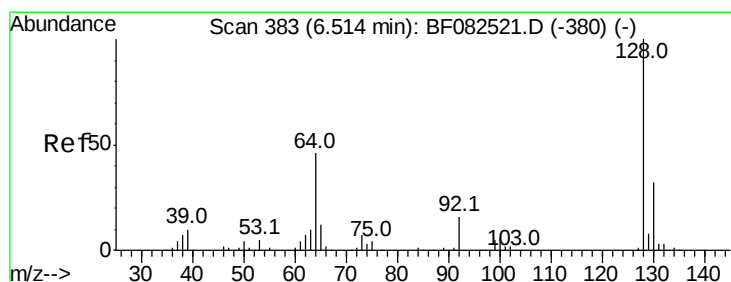
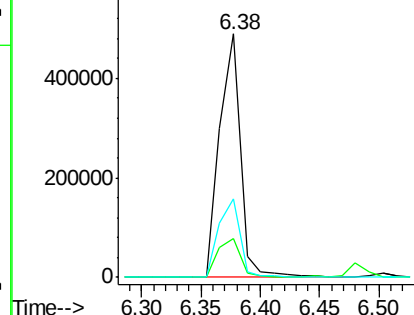
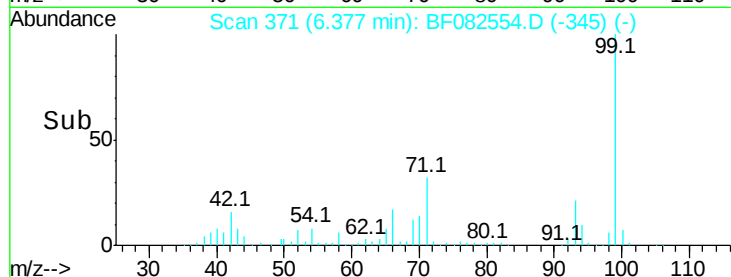
71 32.3 28.2 42.2



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: 35.77 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

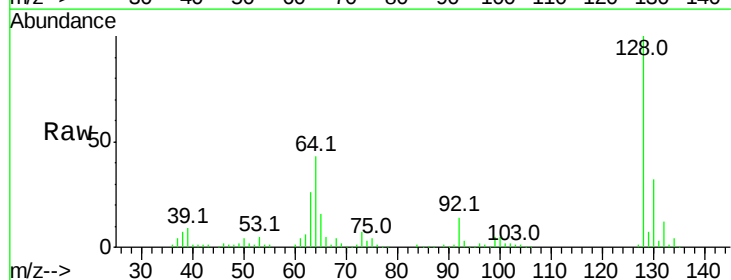
Tgt Ion:128 Resp: 163340

Ion Ratio Lower Upper

128 100

130 32.5 12.1 52.1

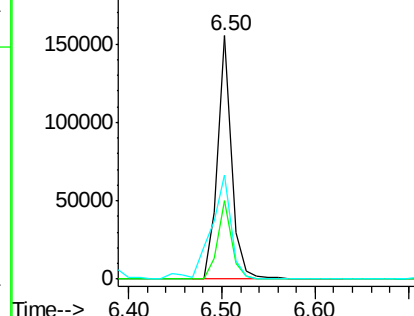
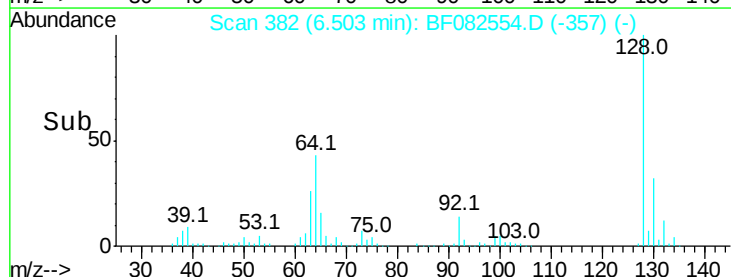
64 42.8 26.7 66.7

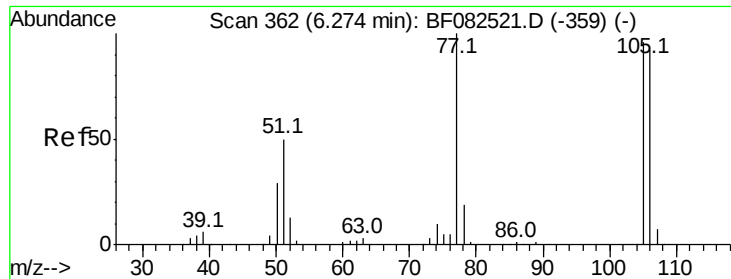


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.97 ng

RT: 6.26 min Scan# 361

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

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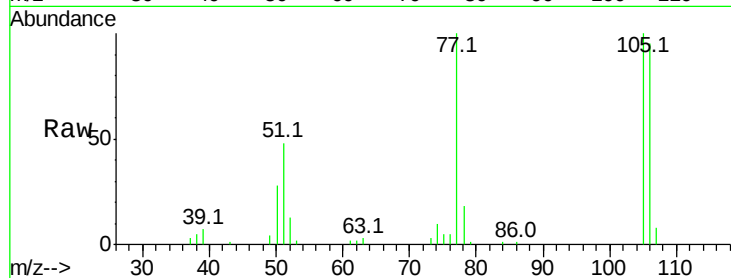
Tot Ion: 77 Resp: 56664

Ion Ratio Lower Upper

77 100

105 100.4 75.9 115.9

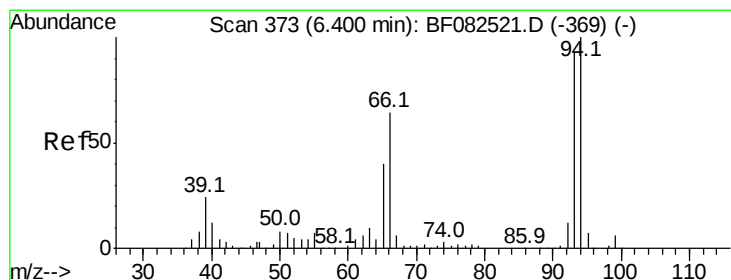
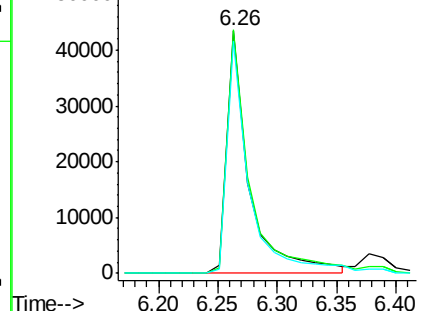
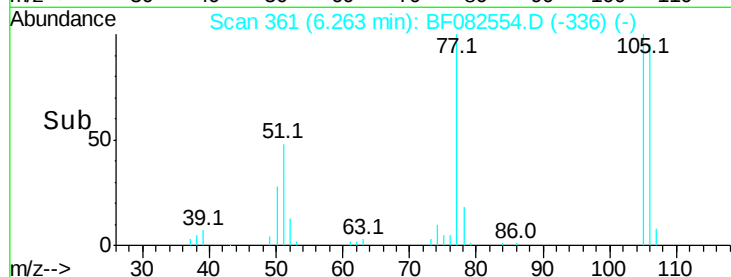
106 95.9 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.09 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

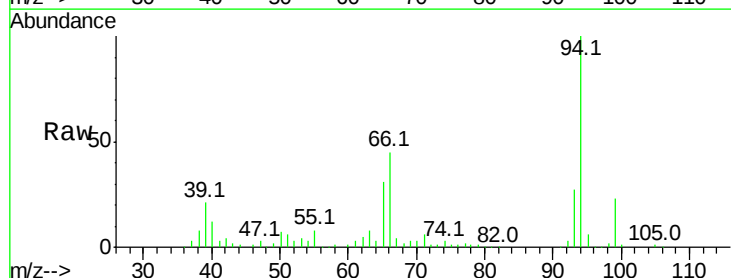
Tgt Ion: 94 Resp: 202121

Ion Ratio Lower Upper

94 100

65 31.5 19.9 59.9

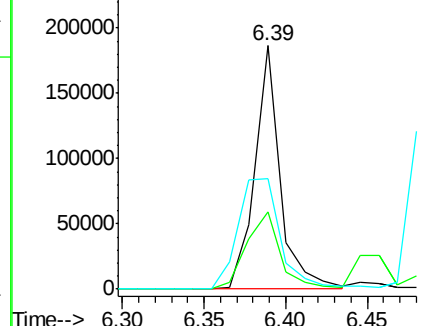
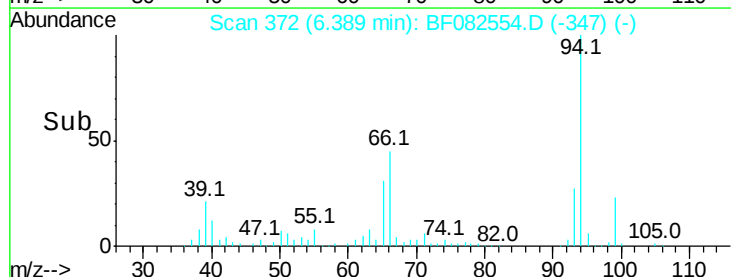
66 45.3 44.1 84.1

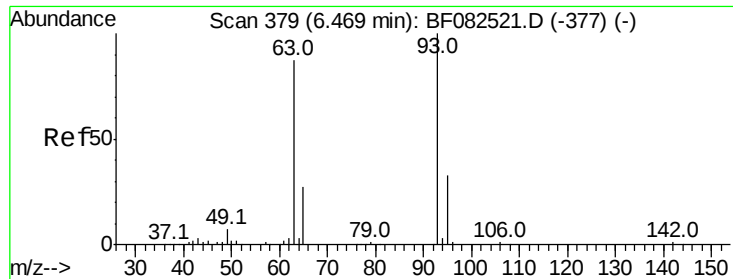


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.67 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

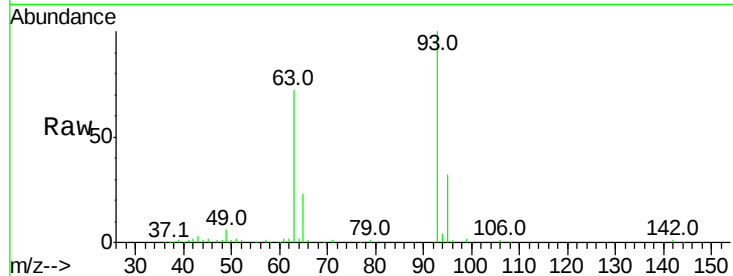
Tot Ion: 93 Resp: 158482

Ion Ratio Lower Upper

93 100

63 71.8 65.2 105.2

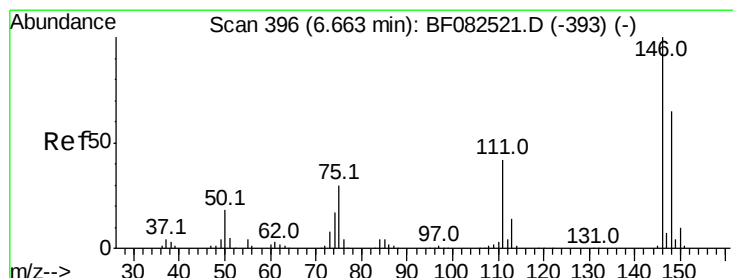
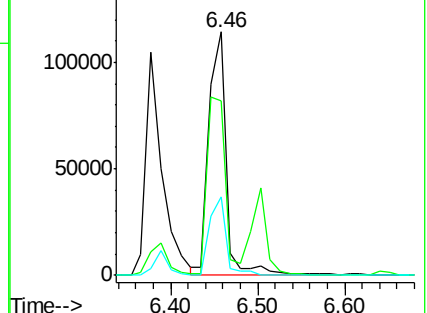
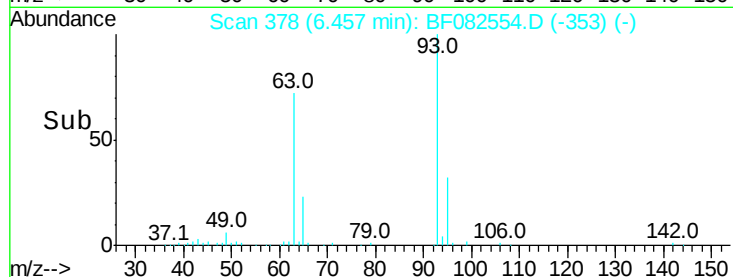
95 32.2 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 33.17 ng m

RT: 6.65 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

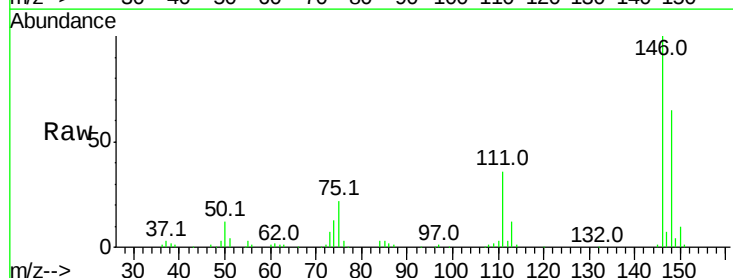
Tgt Ion: 146 Resp: 180681

Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

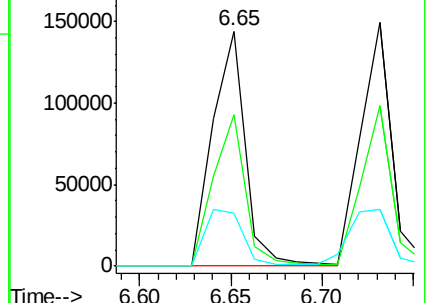
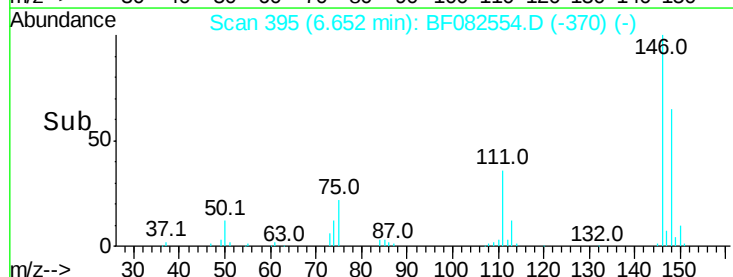
75 22.4 24.3 36.5#

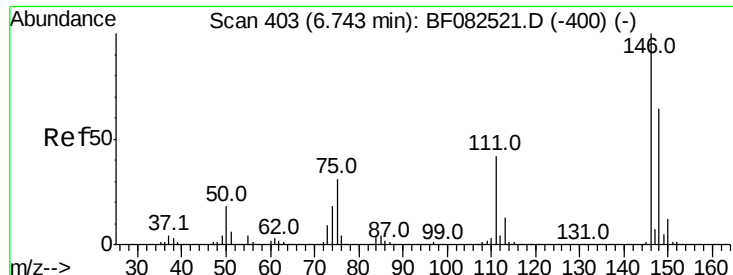


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

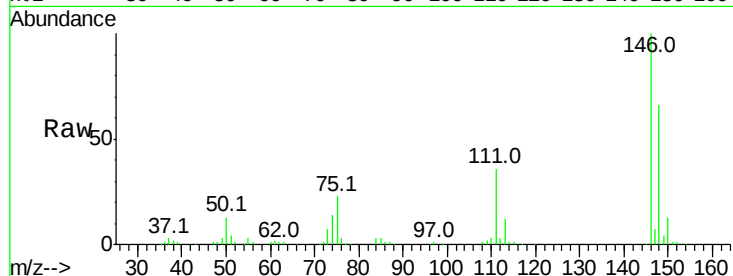




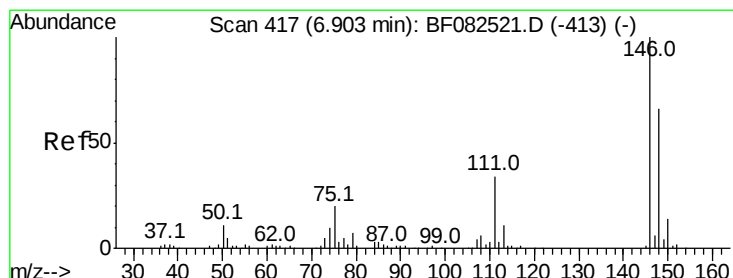
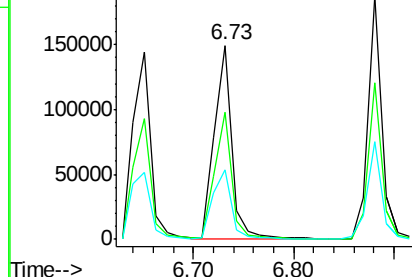
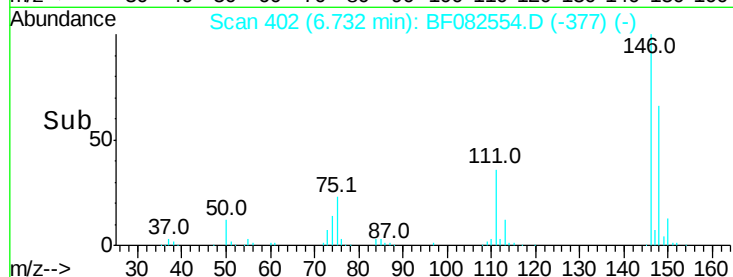
#13
 1,4-Dichlorobenzene
 Concen: 32.57 ng
 RT: 6.73 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampled :
 SB-1MSD

Tot Ion:146 Resp: 182512
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.0
 111 35.8 33.3 49.9

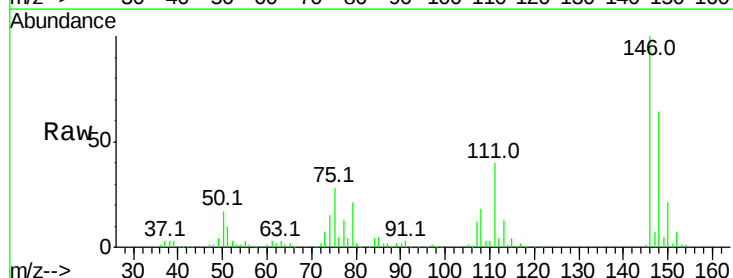


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

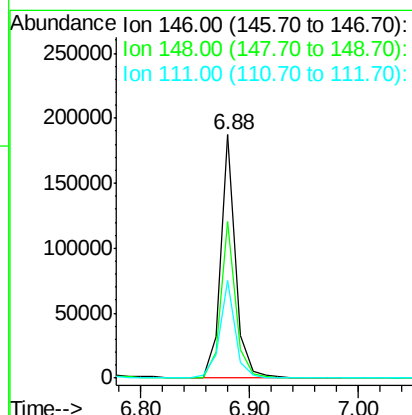
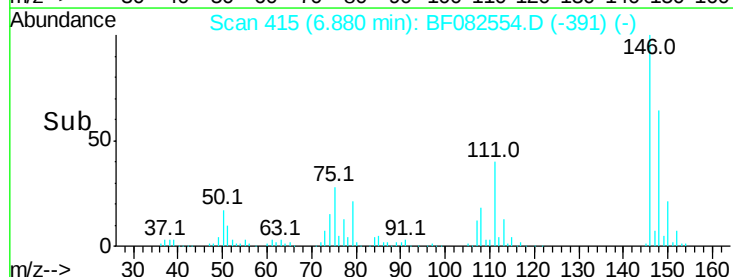


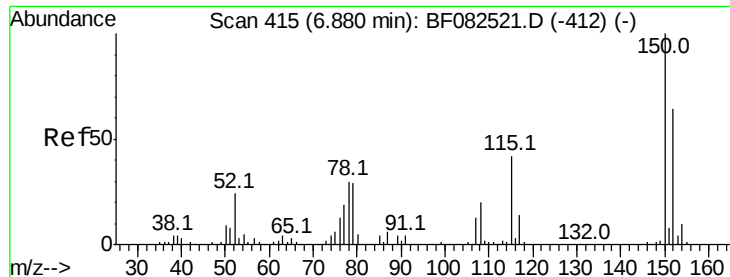
#14
 1,2-Dichlorobenzene
 Concen: 34.63 ng
 RT: 6.88 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:146 Resp: 180137
 Ion Ratio Lower Upper
 146 100
 148 64.2 53.0 79.4
 111 40.1 27.5 41.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

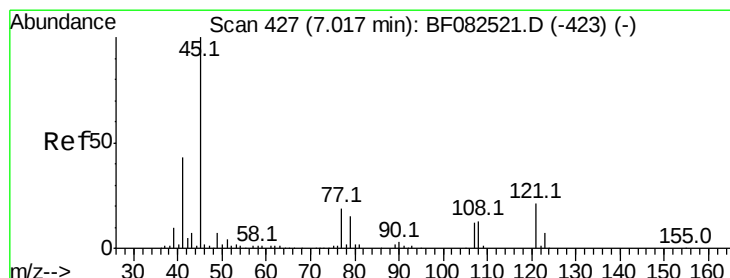
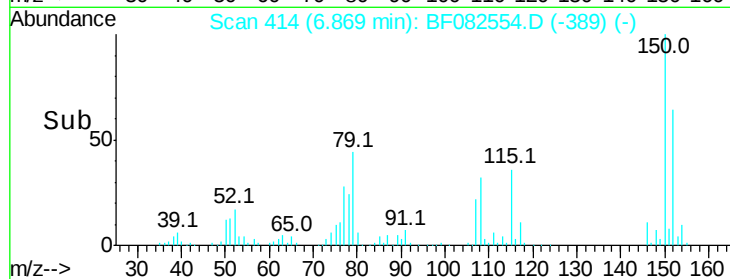
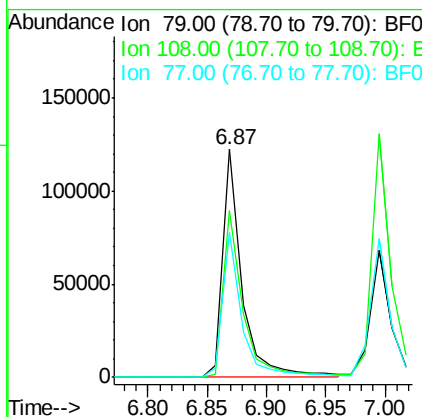
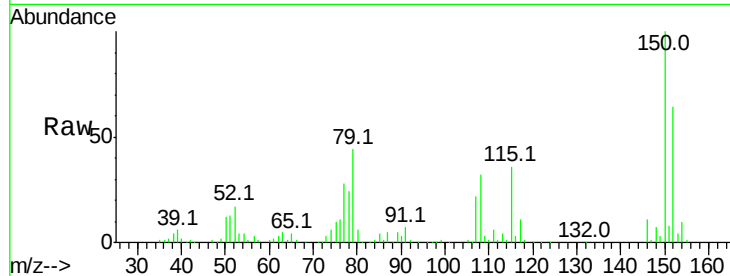




#15
Benzyl Alcohol
Concen: 38.70 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

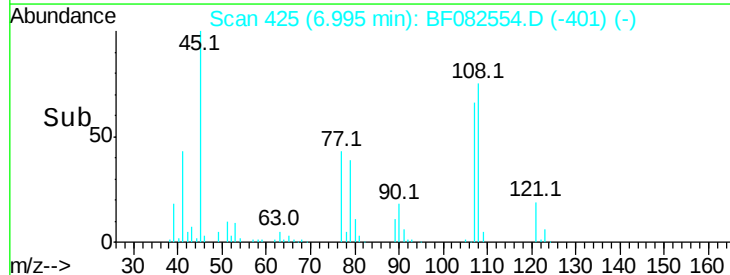
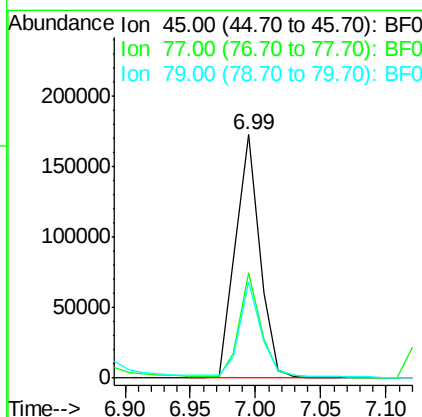
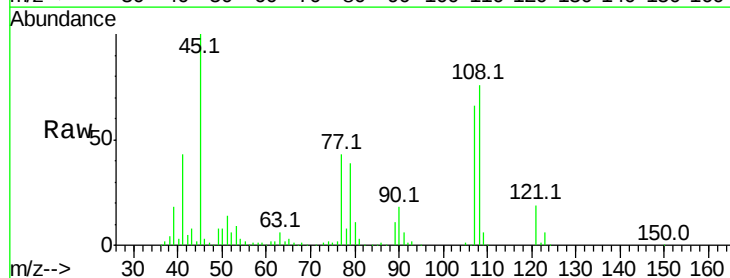
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

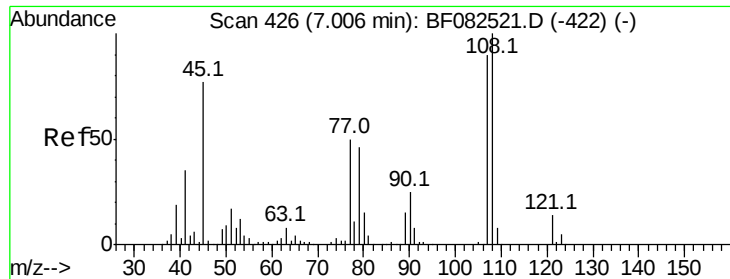
Tot Ion: 79 Resp: 136679
Ion Ratio Lower Upper
79 100
108 73.2 55.0 82.6
77 63.4 52.5 78.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.15 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion: 45 Resp: 223785
Ion Ratio Lower Upper
45 100
77 43.2 0.0 39.3#
79 39.4 0.0 35.7#

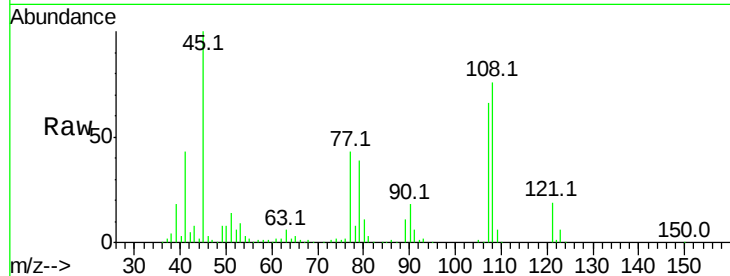




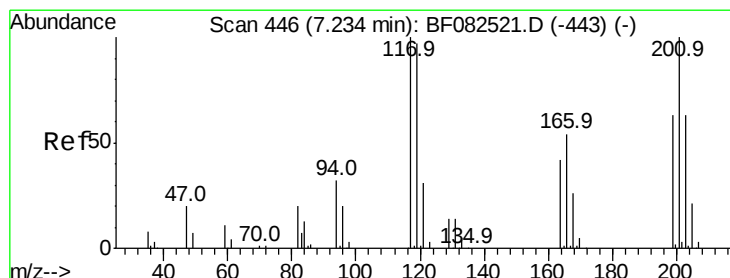
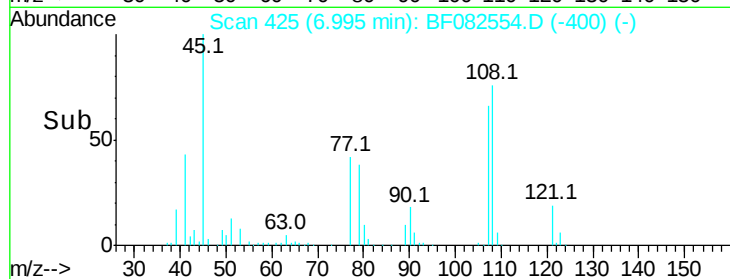
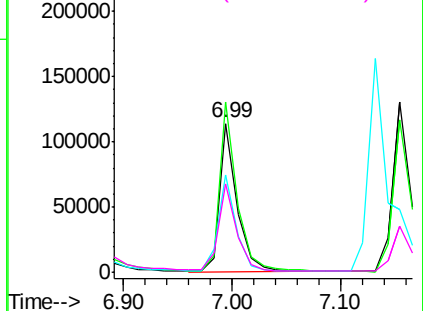
#17
2-Methylphenol
Concen: 34.75 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tot Ion:107 Resp: 127253
Ion Ratio Lower Upper
107 100
108 114.4 89.4 134.2
77 65.4 44.8 67.2
79 59.6 42.1 63.1

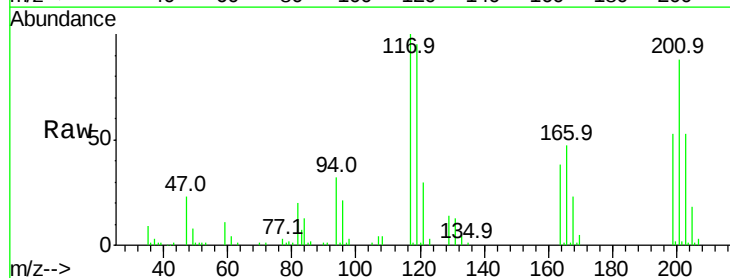


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

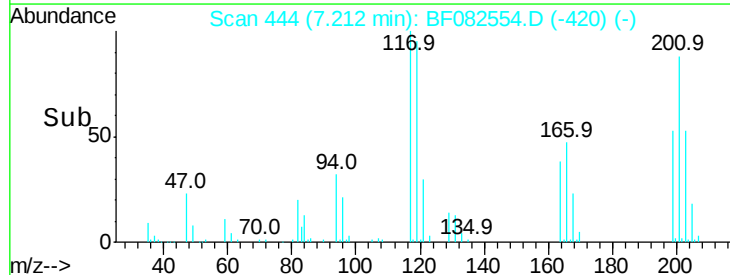
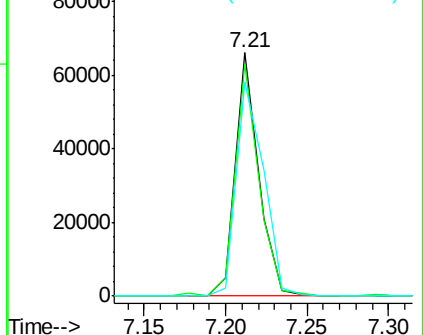


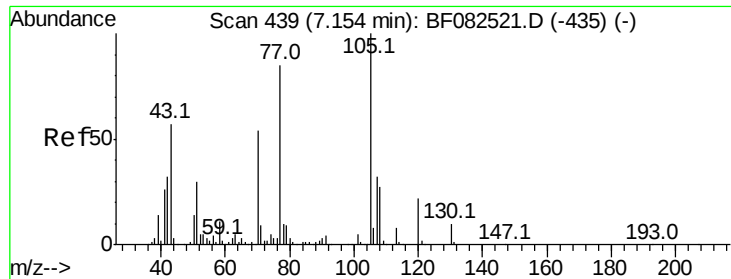
#18
Hexachloroethane
Concen: 33.78 ng
RT: 7.21 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:117 Resp: 64450
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3
201 87.8 80.1 120.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

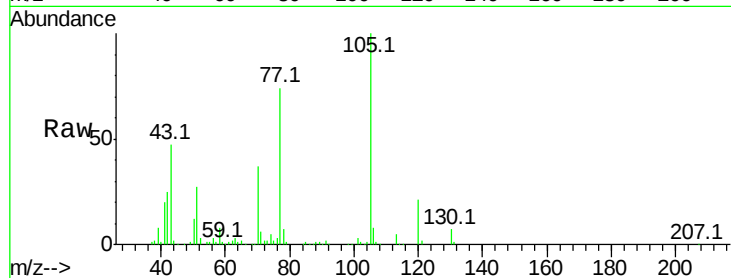




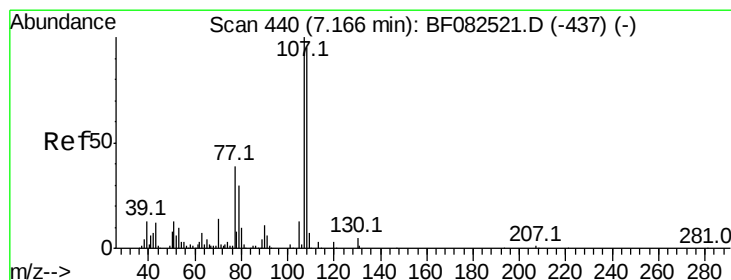
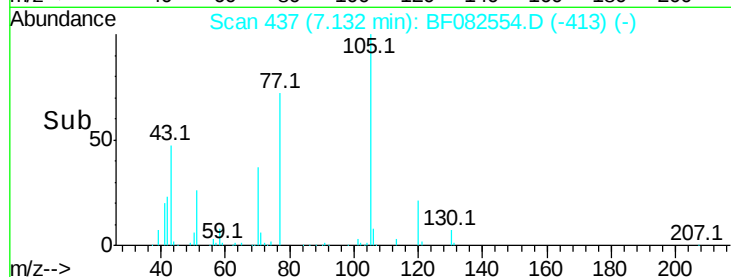
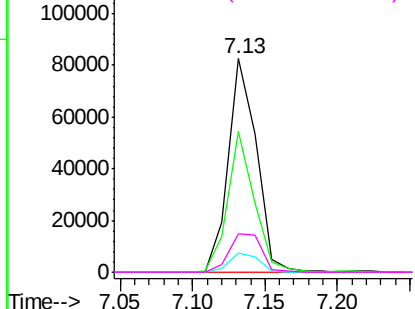
#19
n-Nitroso-di-n-propylamine
Concen: 33.78 ng
RT: 7.13 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tot Ion: 70 Resp: 111667
Ion Ratio Lower Upper
70 100
42 66.0 46.9 70.3
101 8.8 7.4 11.2
130 17.8 14.2 21.4



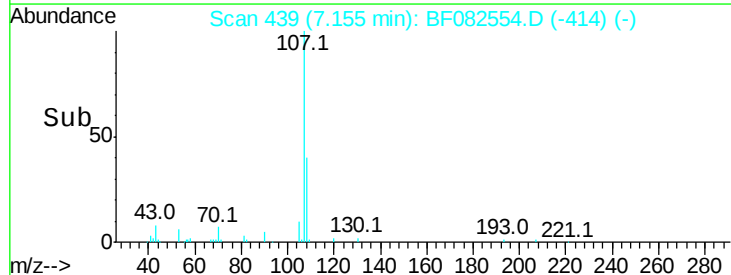
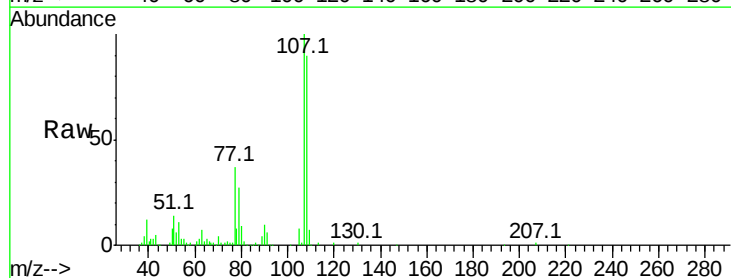
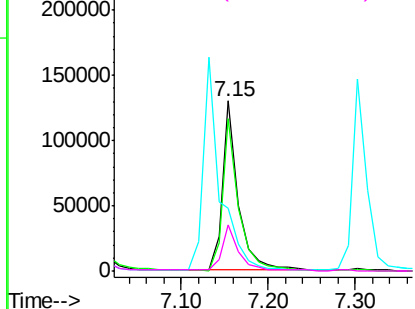
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

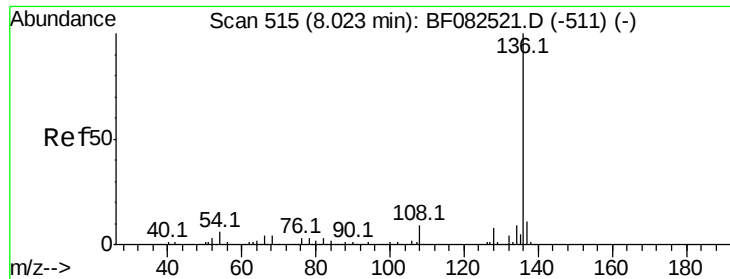


#20
3+4-Methylphenols
Concen: 35.10 ng
RT: 7.15 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:107 Resp: 164211
Ion Ratio Lower Upper
107 100
108 89.9 74.8 114.8
77 37.1 20.3 60.3
79 27.0 10.2 50.2

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

Tot Ion:136 Resp: 303287

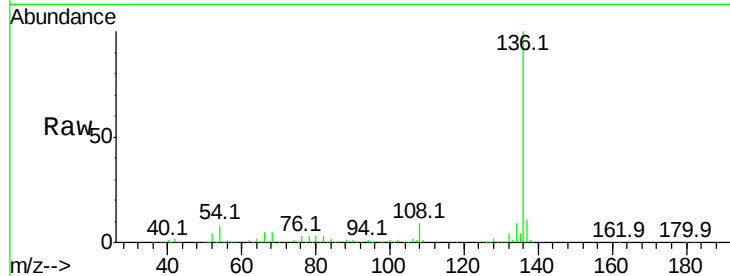
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.8 4.6 7.0#

68 5.0 3.2 4.8#

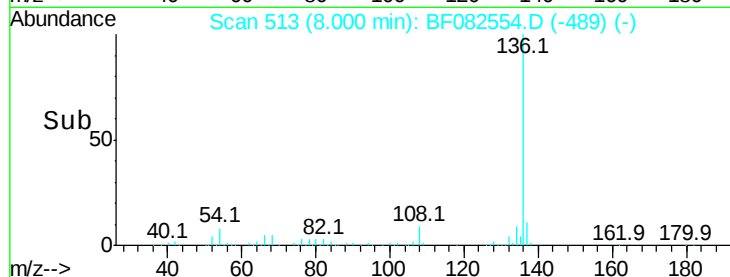


Abundance Ion 136.00 (135.70 to 136.70): E

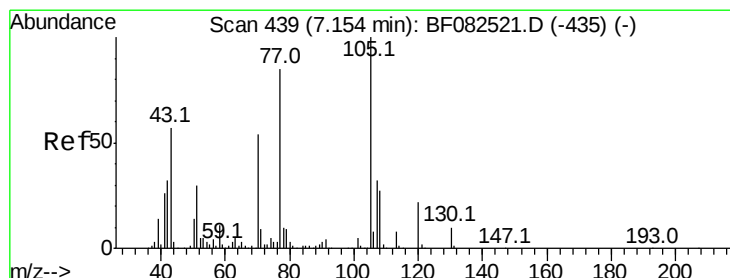
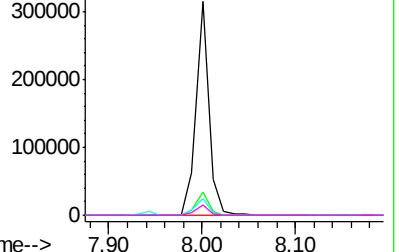
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 34.84 ng

RT: 7.13 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Tgt Ion:105 Resp: 229278

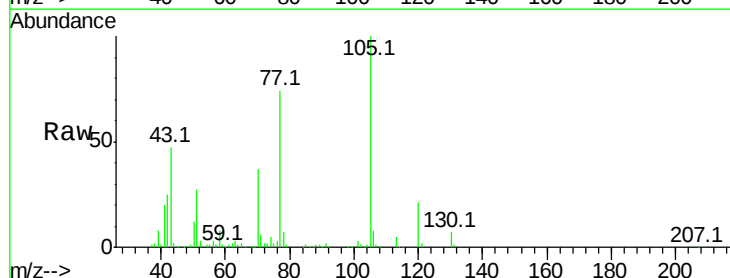
Ion Ratio Lower Upper

105 100

71 6.3 7.1 10.7#

51 26.5 24.4 36.6

120 20.8 17.3 25.9

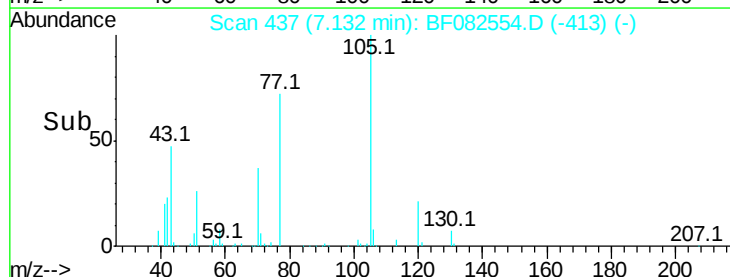


Abundance Ion 105.00 (104.70 to 105.70): E

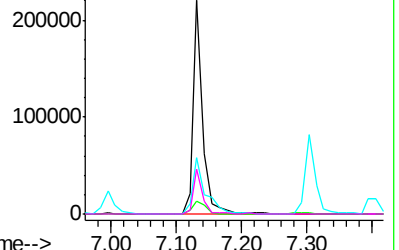
Ion 71.00 (70.70 to 71.70): BF0

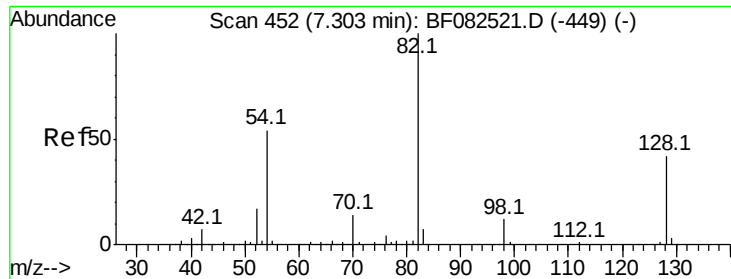
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

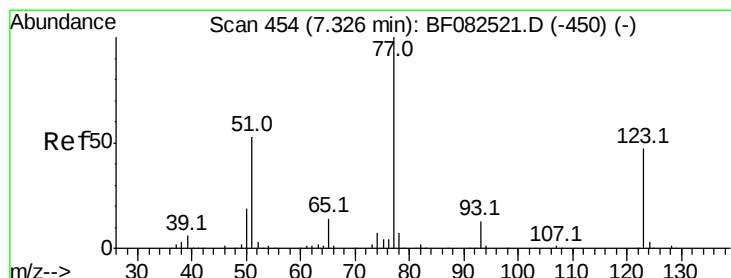
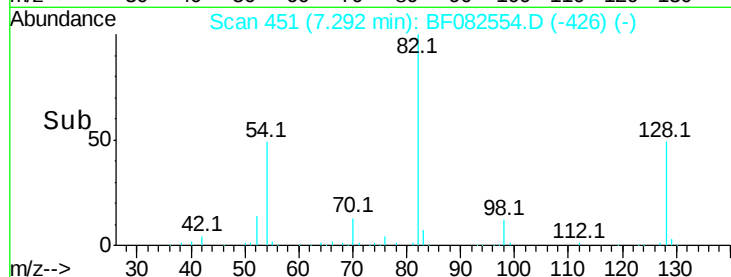
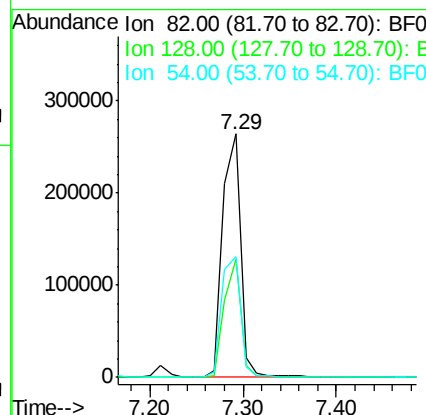
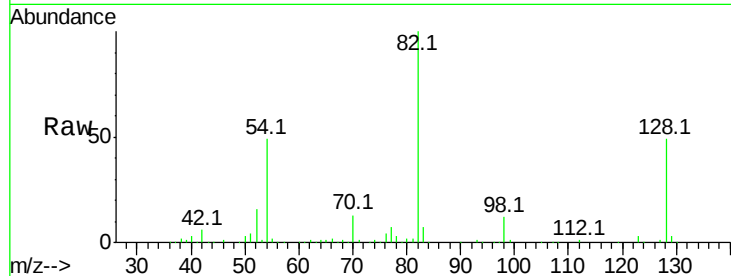




#23
 Nitrobenzene-d5
 Concen: 75.77 ng
 RT: 7.29 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

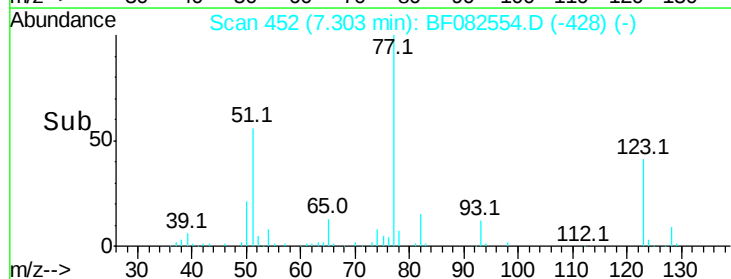
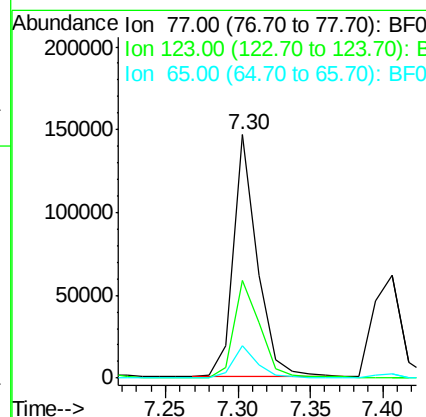
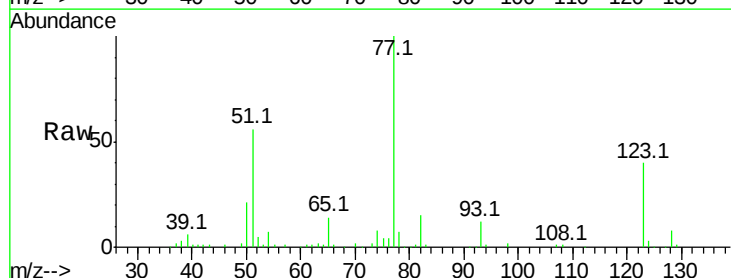
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

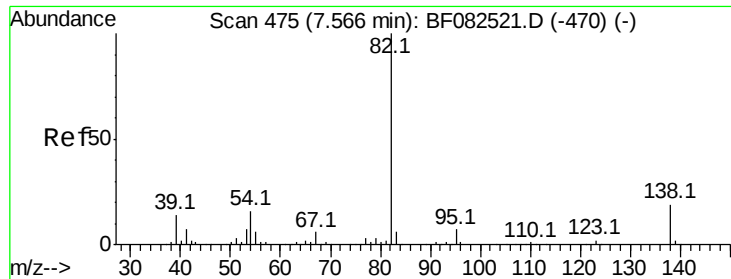
Tot Ion	82	Resp	356208
Ion Ratio	Lower	Upper	
82	100		
128	48.6	33.4	50.0
54	49.4	43.5	65.3



#24
 Nitrobenzene
 Concen: 32.05 ng
 RT: 7.30 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion	77	Resp	168264
Ion Ratio	Lower	Upper	
77	100		
123	40.2	37.4	56.0
65	13.5	11.0	16.4





#25

Isophorone

Concen: 33.79 ng

RT: 7.54 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

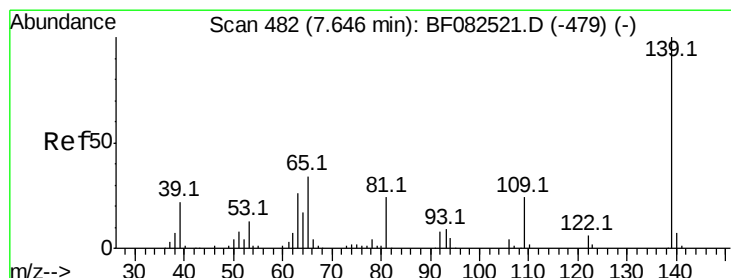
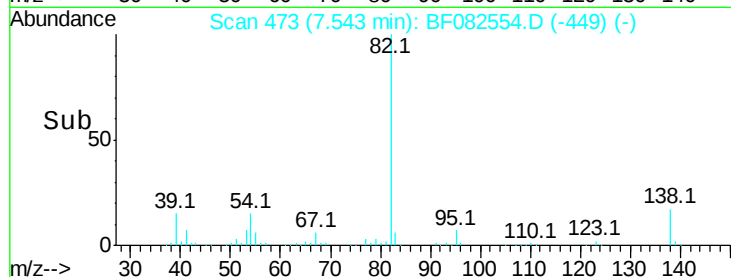
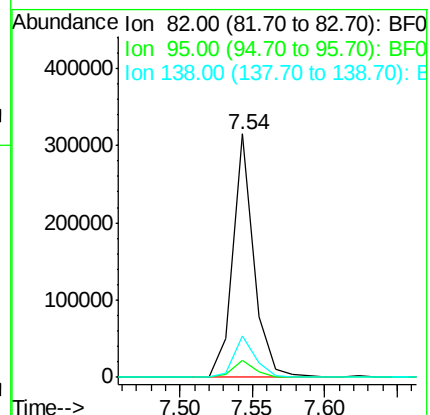
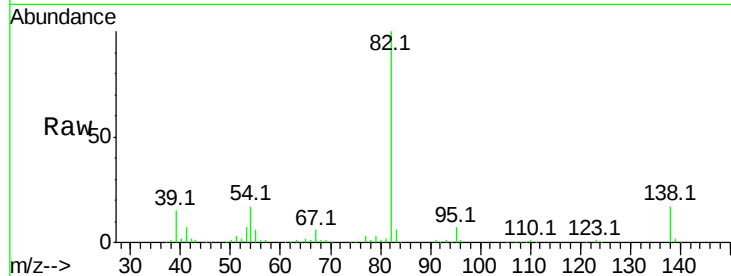
Tot Ion: 82 Resp: 315606

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 17.0 15.0 22.4



#26

2-Nitrophenol

Concen: 36.20 ng

RT: 7.62 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

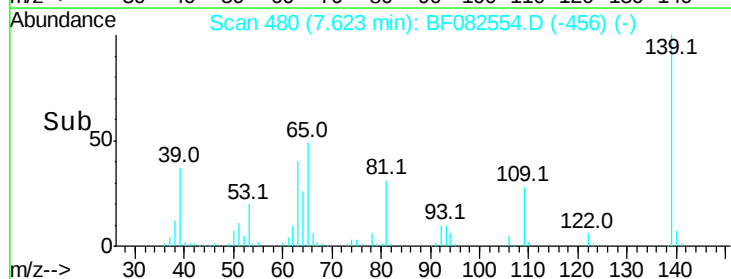
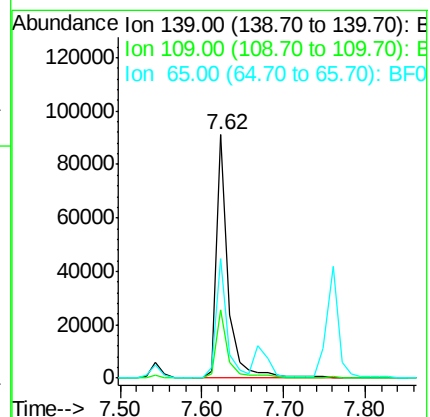
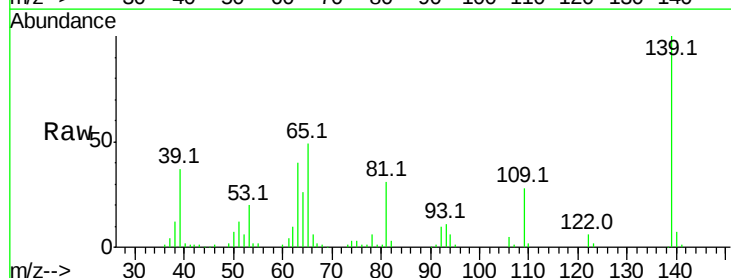
Tgt Ion: 139 Resp: 91805

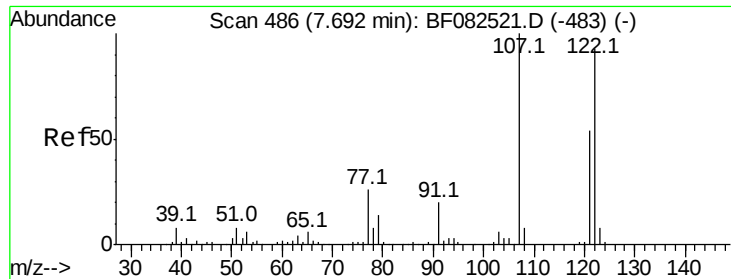
Ion Ratio Lower Upper

139 100

109 28.2 19.3 28.9

65 49.2 27.1 40.7#





#27

2,4-Dimethylphenol

Concen: 33.28 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

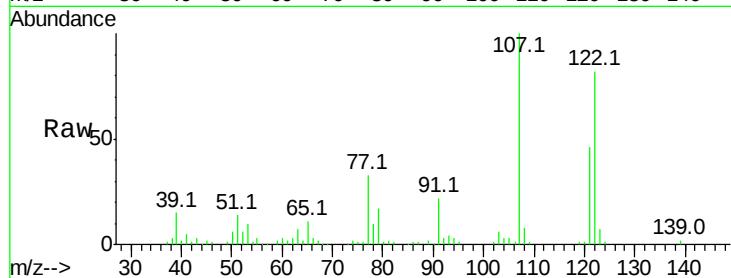
Tot Ion:122 Resp: 137139

Ion Ratio Lower Upper

122 100

107 121.9 85.8 128.8

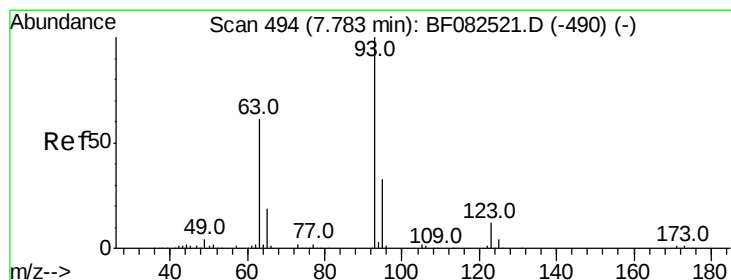
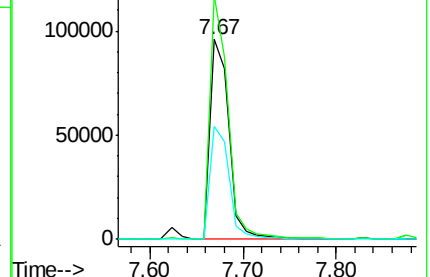
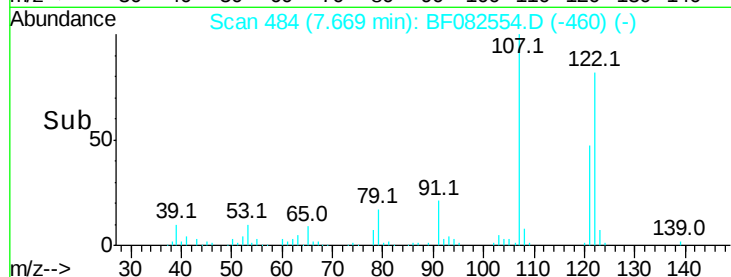
121 56.6 46.2 69.2



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: 37.07 ng

RT: 7.76 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

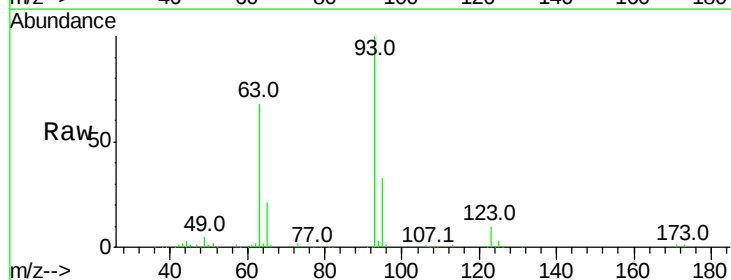
Tgt Ion: 93 Resp: 203009

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

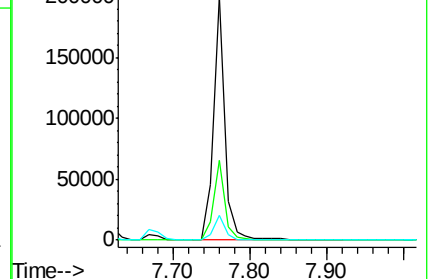
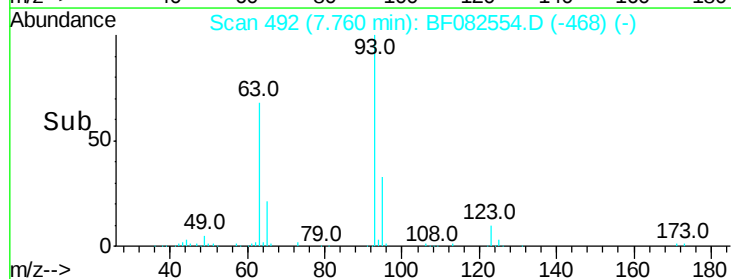
123 10.3 9.3 13.9

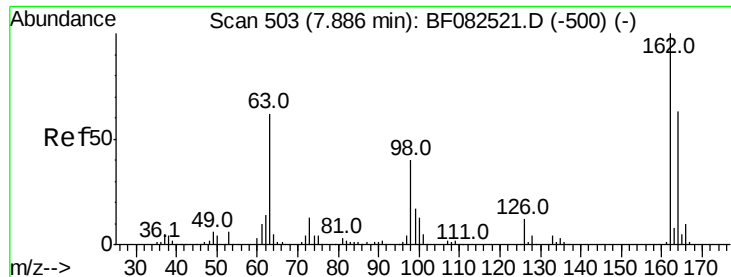


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

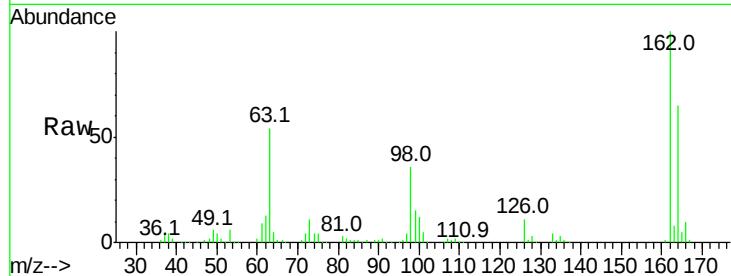




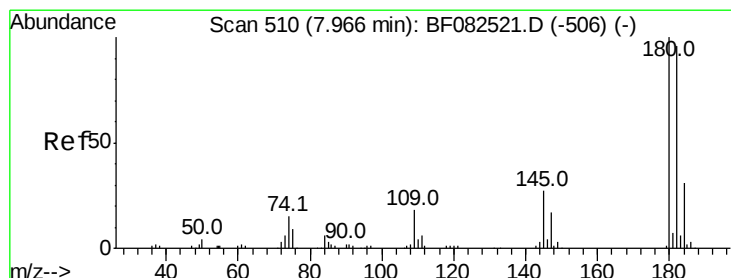
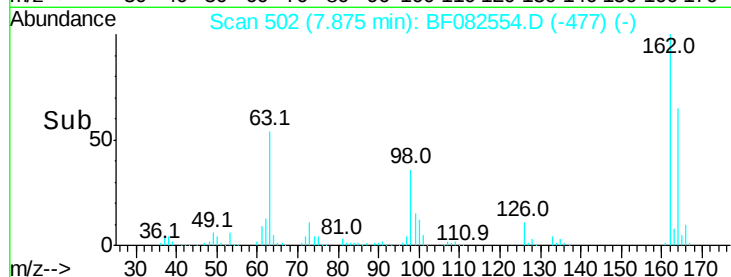
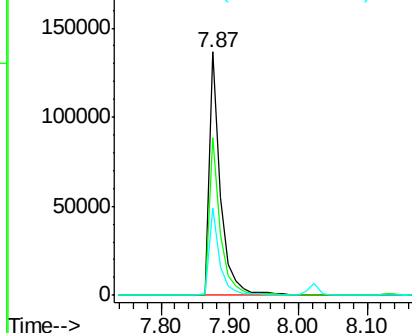
#29
 2,4-Dichlorophenol
 Concen: 38.30 ng
 RT: 7.87 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.1	83.1
98	35.8	19.6	59.6

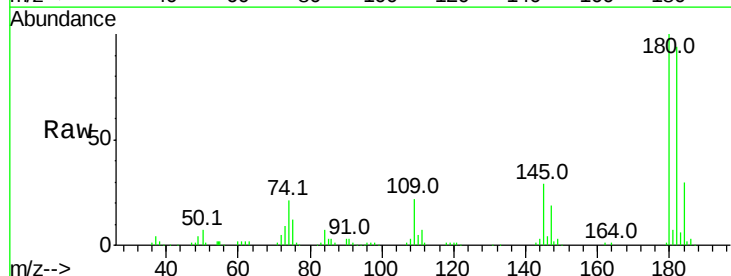


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

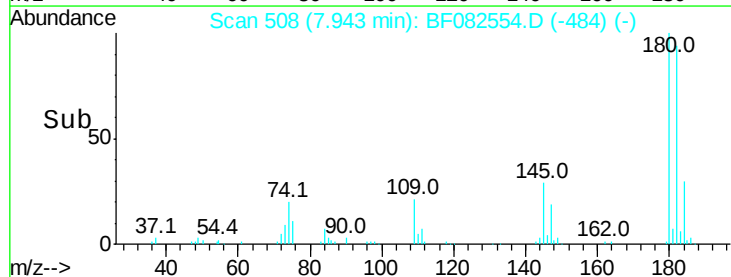
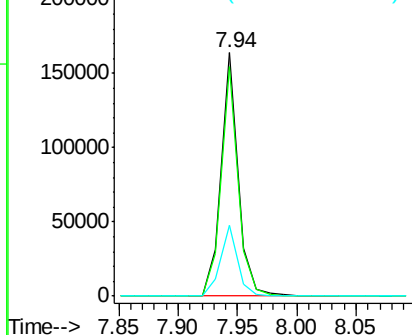


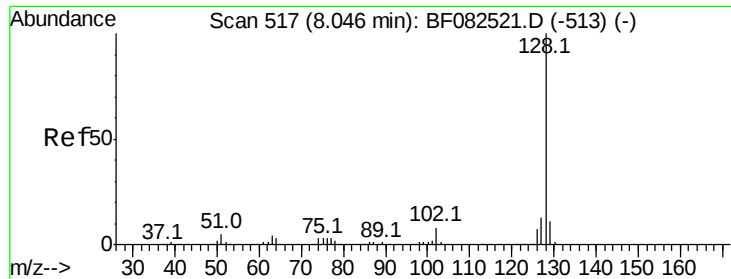
#30
 1,2,4-Trichlorobenzene
 Concen: 34.74 ng
 RT: 7.94 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.6	115.0
145	29.0	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

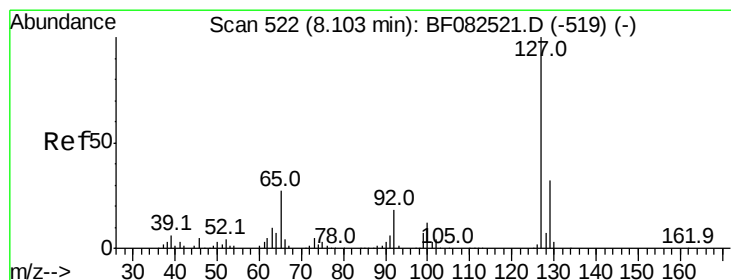
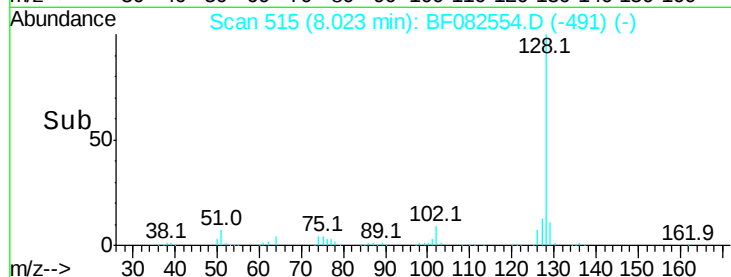
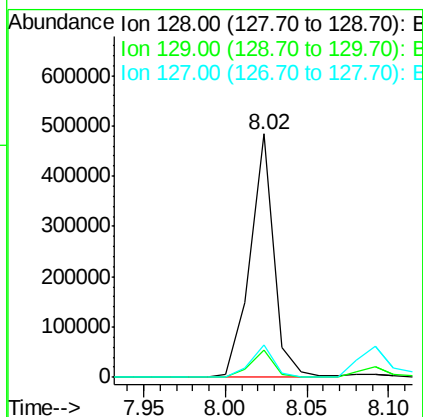
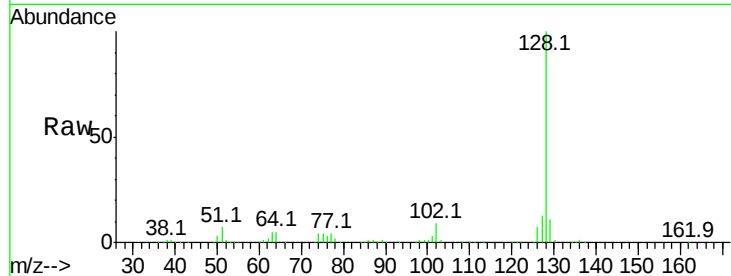




#31
Naphthalene
Concen: 35.26 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

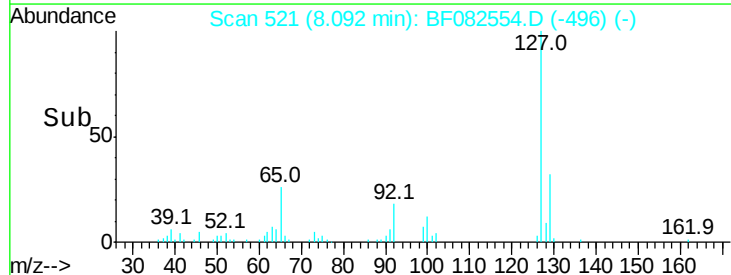
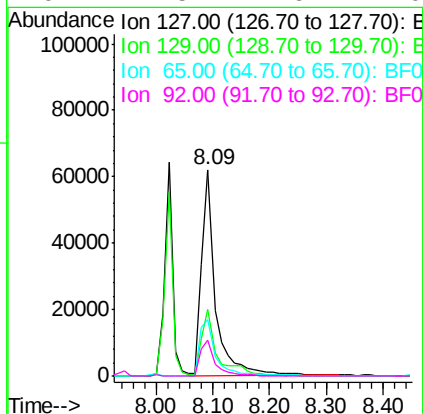
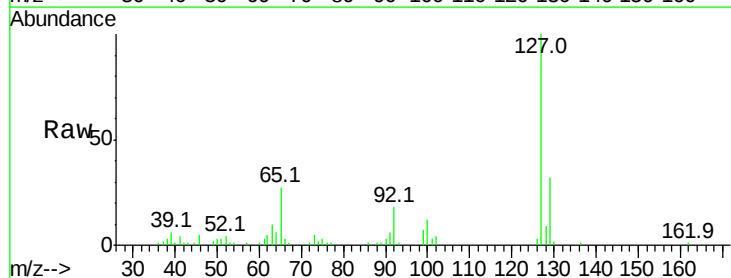
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

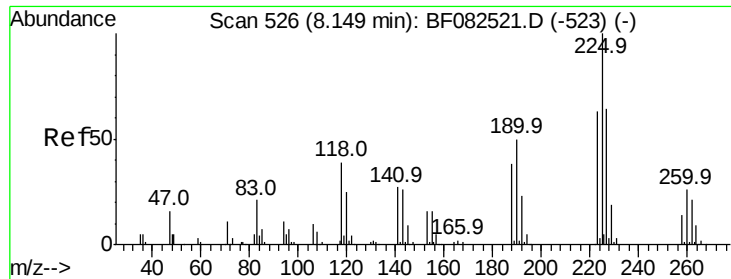
Tot Ion:128 Resp: 488645
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 13.3 10.7 16.1



#33
4-Chloroaniline
Concen: 19.04 ng
RT: 8.09 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:127 Resp: 102297
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8
65 27.0 21.8 32.6
92 17.5 14.6 22.0

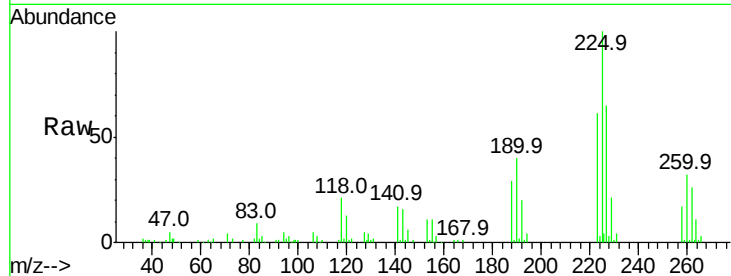




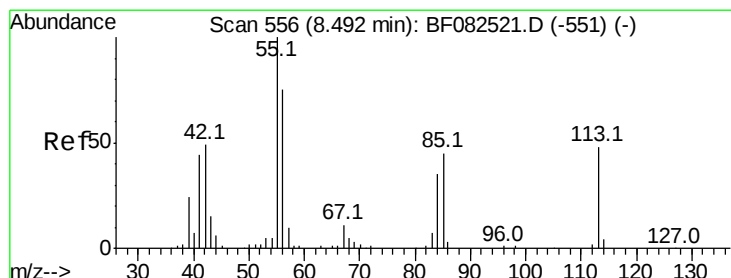
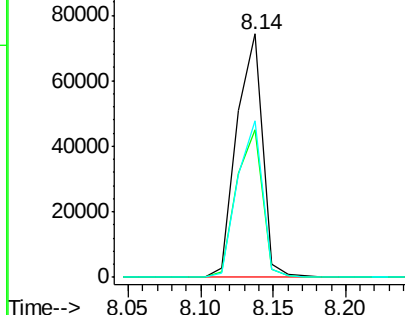
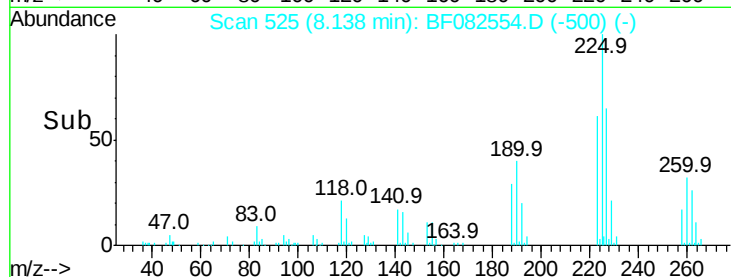
#34
Hexachlorobutadiene
Concen: 34.07 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tot Ion:225 Resp: 91597
Ion Ratio Lower Upper
225 100
223 60.8 50.2 75.4
227 64.5 51.4 77.0

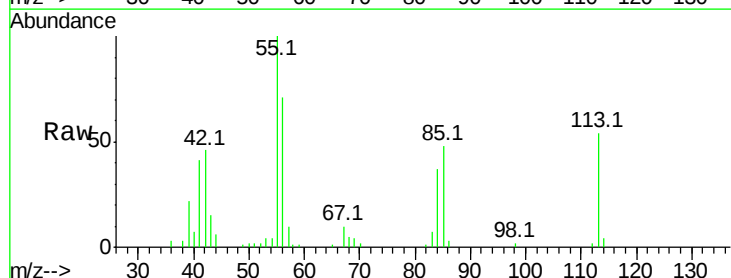


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

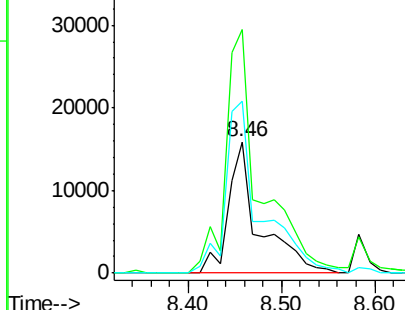
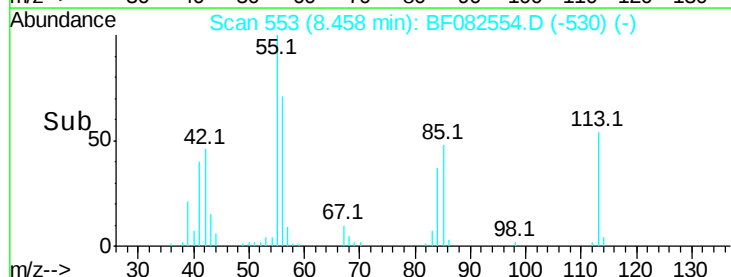


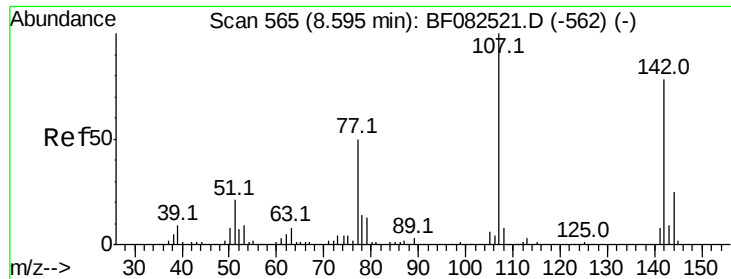
#35
Caprolactam
Concen: 32.03 ng
RT: 8.46 min Scan# 553
Delta R.T. -0.03 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:113 Resp: 36604
Ion Ratio Lower Upper
113 100
55 185.2 188.9 228.9#
56 131.0 135.8 175.8#



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

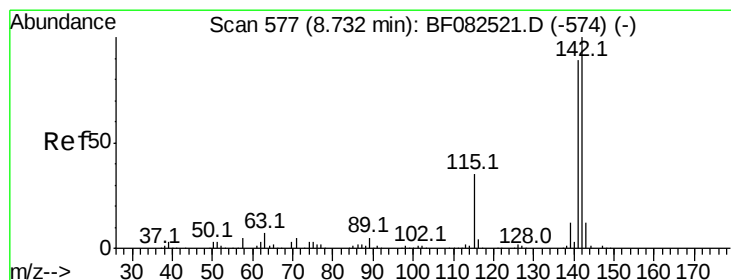
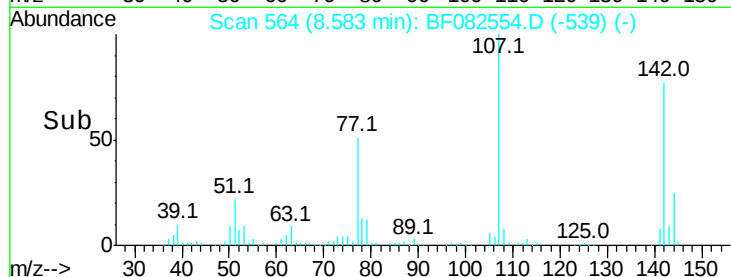
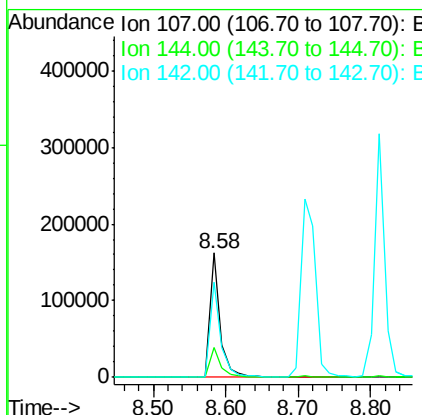
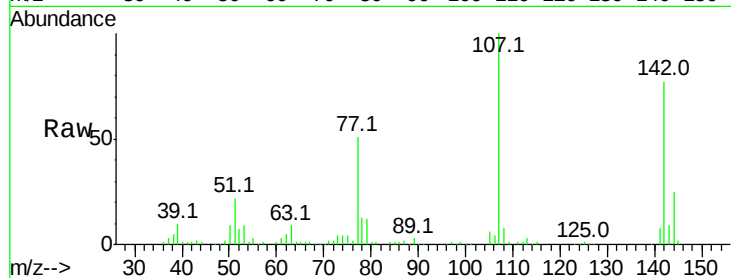




#36
 4-Chloro-3-methylphenol
 Concen: 39.78 ng
 RT: 8.58 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

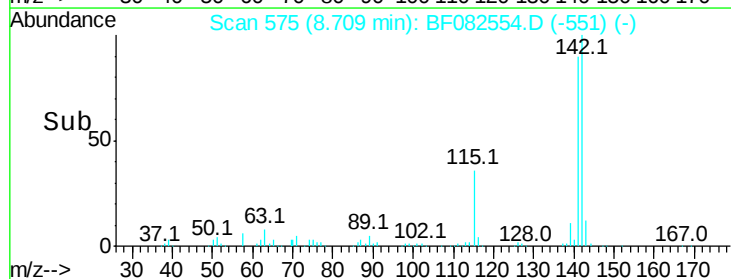
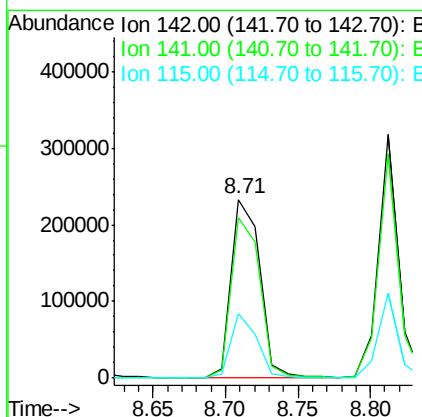
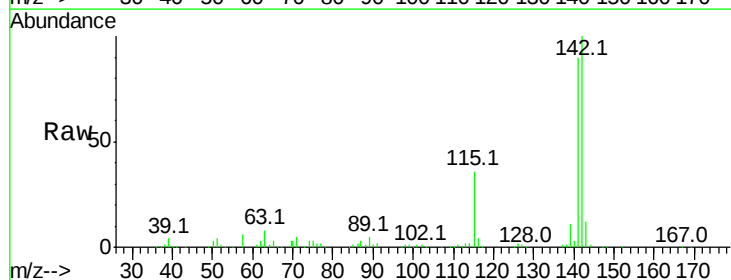
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

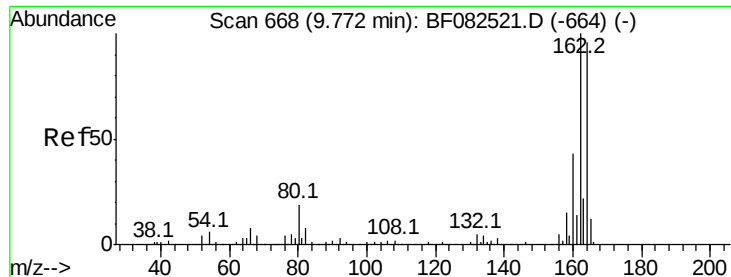
Tot Ion:107 Resp: 159009
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.2 30.2
 142 77.1 62.6 93.8



#37
 2-Methylnaphthalene
 Concen: 34.37 ng
 RT: 8.71 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:142 Resp: 321855
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 36.1 28.0 42.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

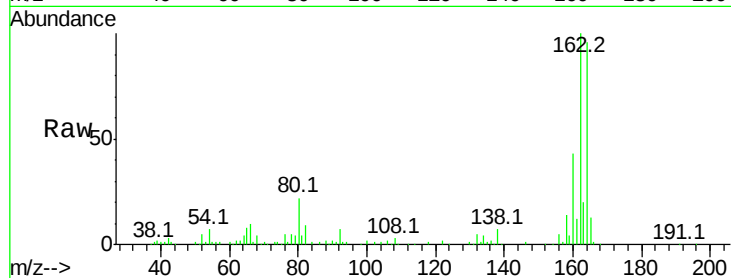
Tot Ion:164 Resp: 145178

Ion Ratio Lower Upper

164 100

162 103.8 83.6 125.4

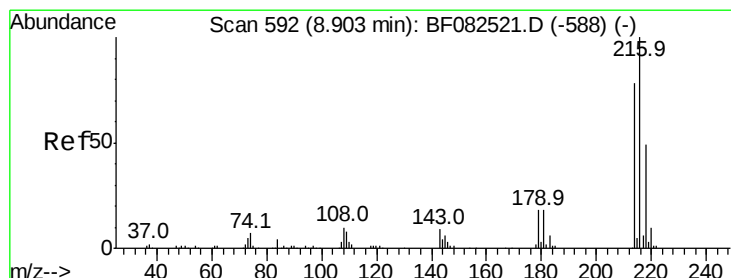
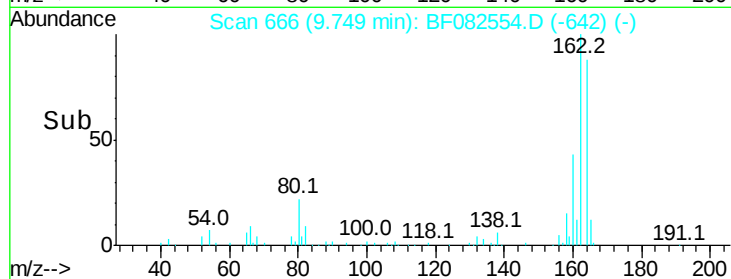
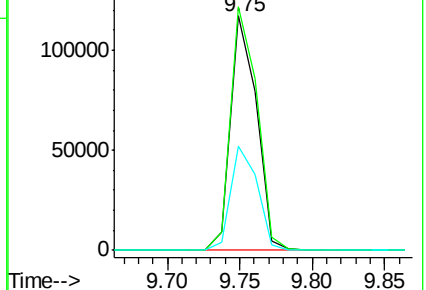
160 44.4 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.23 ng

RT: 8.88 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Tgt Ion:216 Resp: 171935

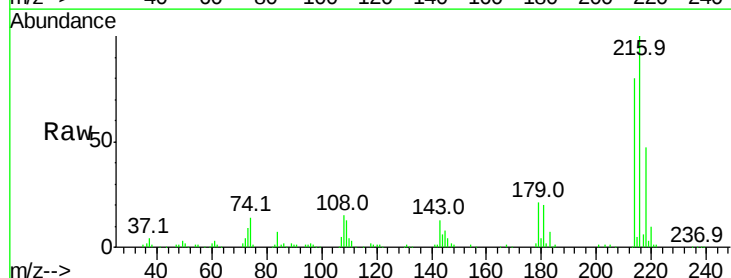
Ion Ratio Lower Upper

216 100

214 78.5 63.1 94.7

179 21.2 16.5 24.7

108 16.5 13.0 19.4

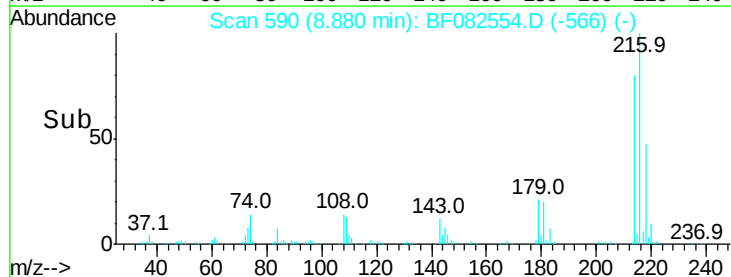
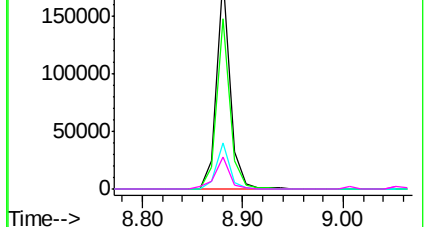


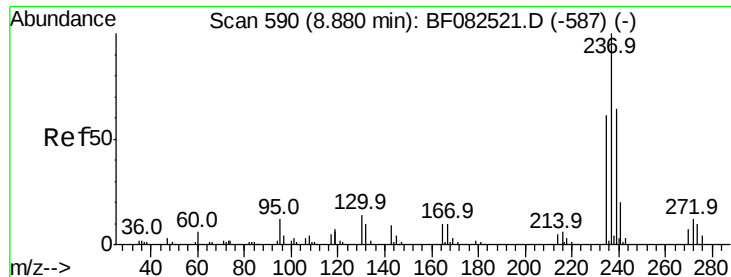
Abundance Ion 216.00 (215.70 to 216.70): E

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

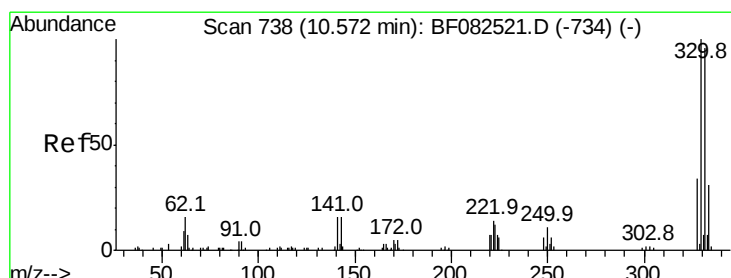
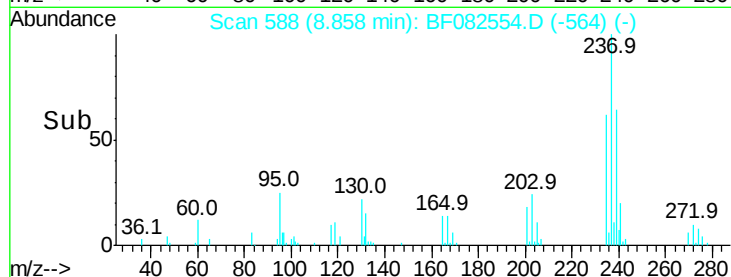
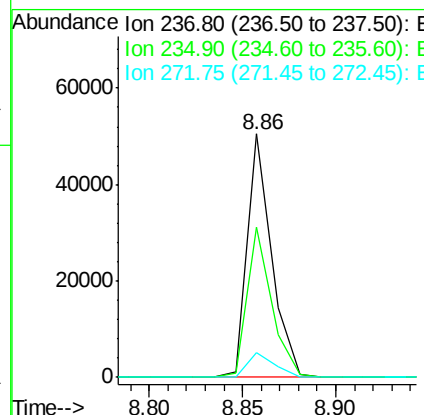
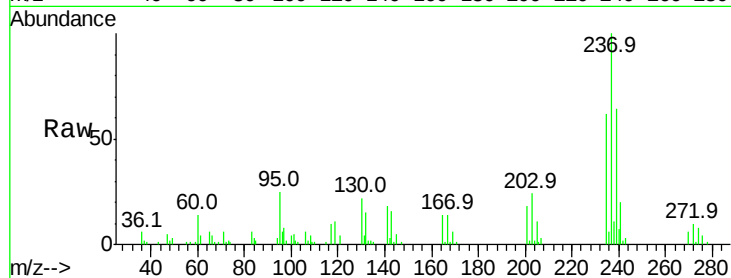




#40
Hexachlorocyclopentadiene
Concen: 47.56 ng
RT: 8.86 min Scan# 588
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

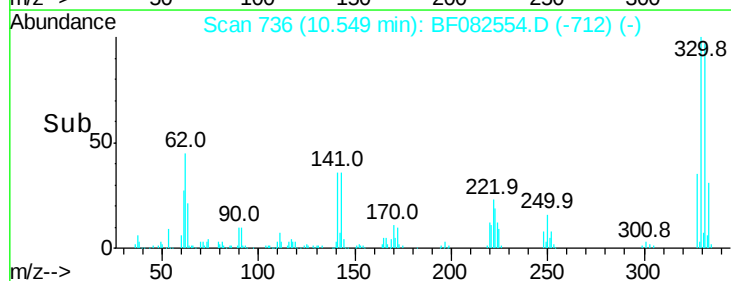
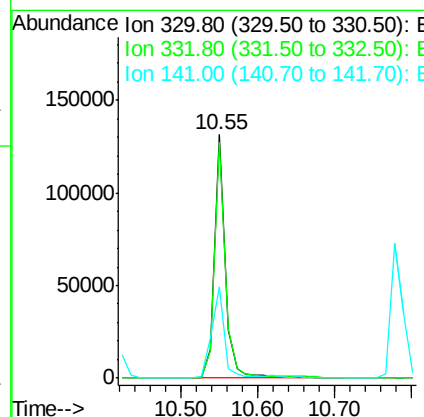
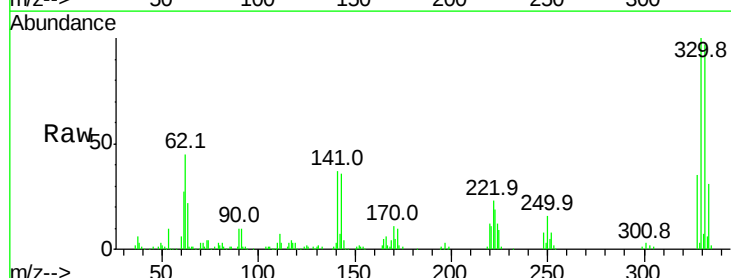
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

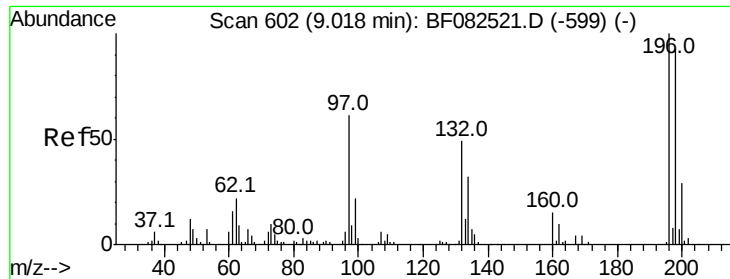
Tot Ion:237 Resp: 45950
Ion Ratio Lower Upper
237 100
235 61.6 41.4 81.4
272 10.2 0.0 31.7



#41
2,4,6-Tribromophenol
Concen: 119.64 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:330 Resp: 130066
Ion Ratio Lower Upper
330 100
332 98.0 77.4 116.0
141 42.9 32.5 48.7





#42

2,4,6-Trichlorophenol

Concen: 35.48 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampled :

SB-1MSD

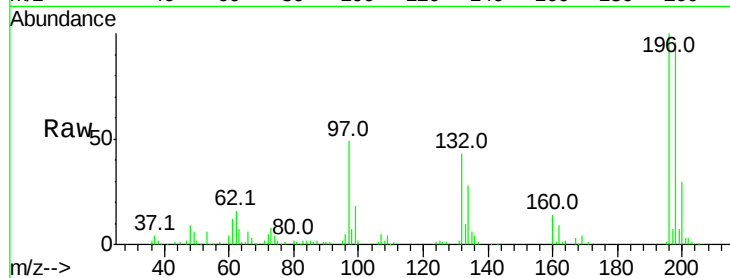
Tot Ion:196 Resp: 96909

Ion Ratio Lower Upper

196 100

198 95.5 74.1 111.1

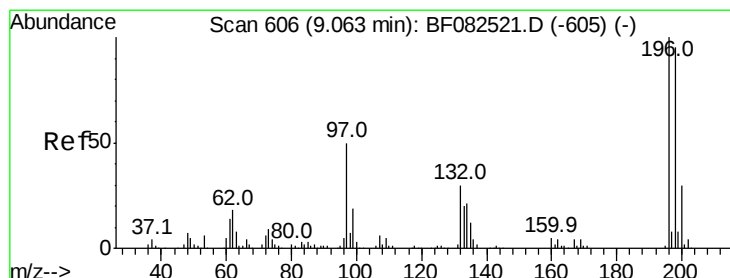
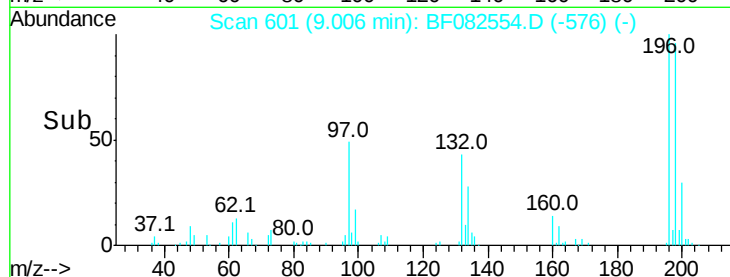
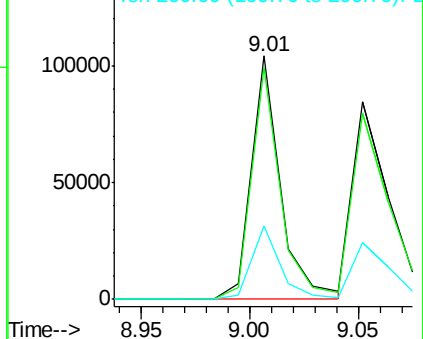
200 30.2 23.4 35.0



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: 36.81 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Tgt Ion:196 Resp: 105446

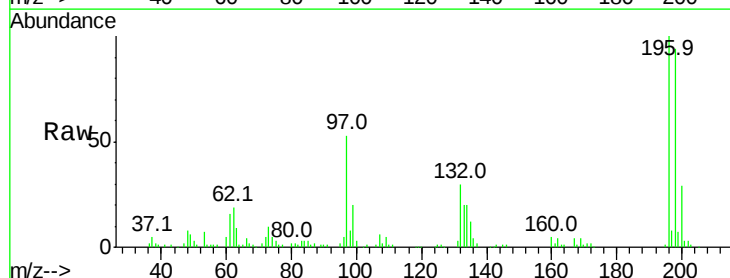
Ion Ratio Lower Upper

196 100

198 93.8 75.4 113.2

97 52.7 40.8 61.2

132 29.9 24.6 37.0

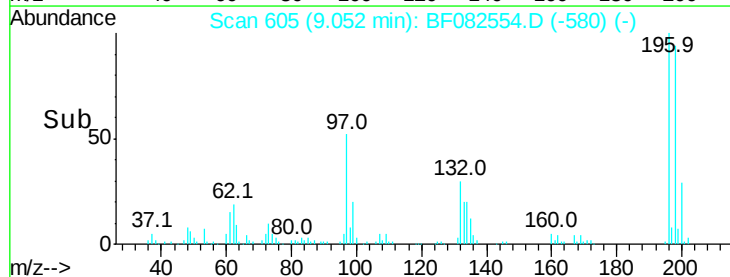
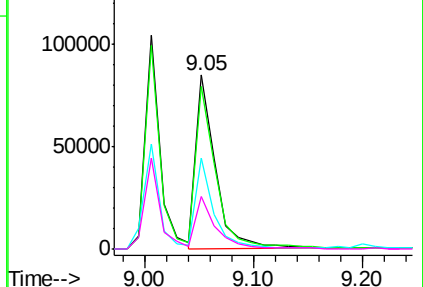


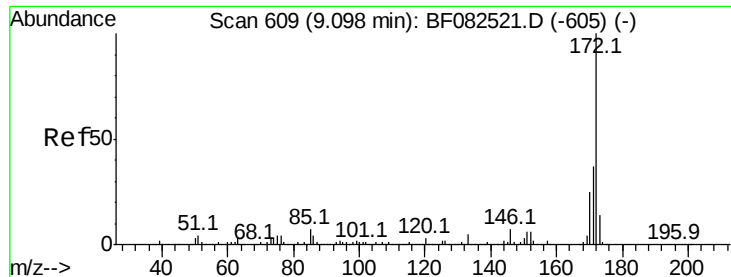
Abundance Ion 196.00 (195.70 to 196.70): E

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: 80.34 ng

RT: 9.07 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

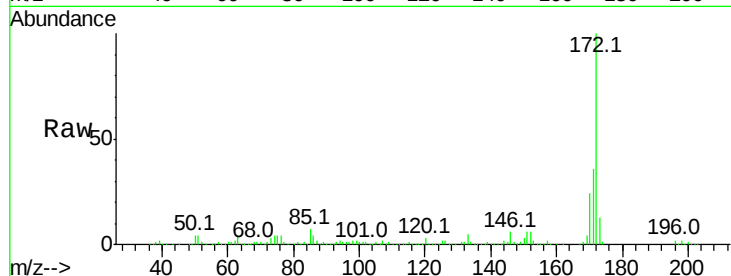
Tot Ion:172 Resp: 733531

Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

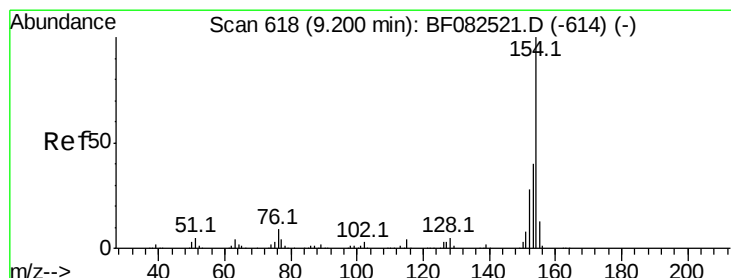
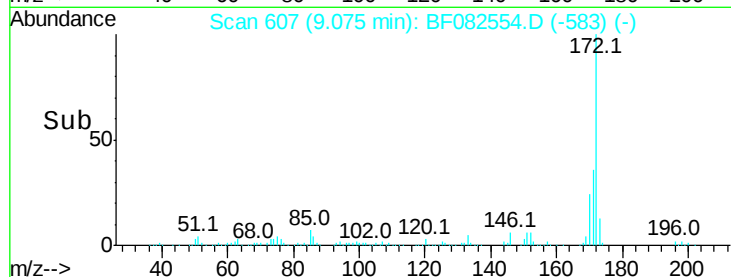
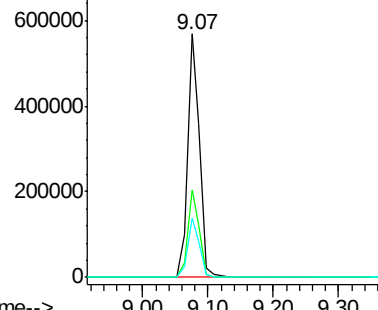
170 24.1 19.8 29.6



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: 39.52 ng

RT: 9.18 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

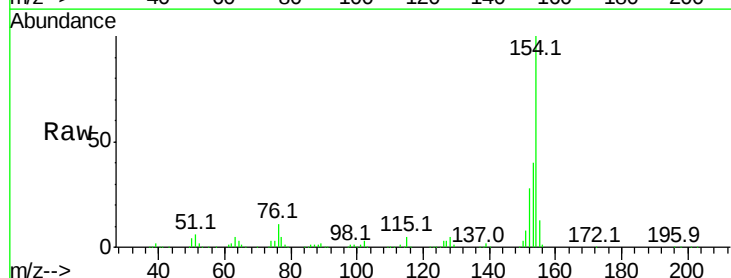
Tgt Ion:154 Resp: 426985

Ion Ratio Lower Upper

154 100

153 39.8 20.4 60.4

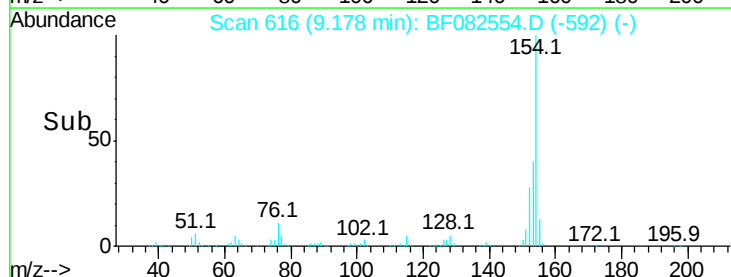
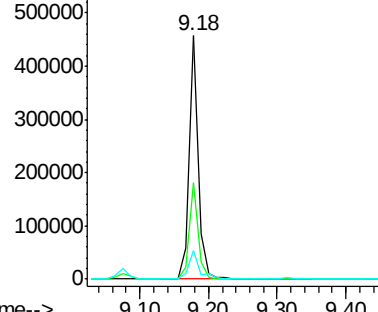
76 11.5 0.0 29.2

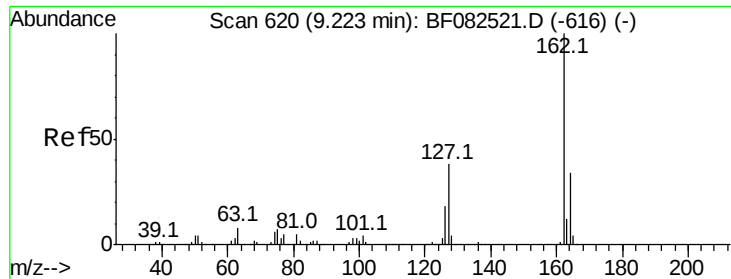


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

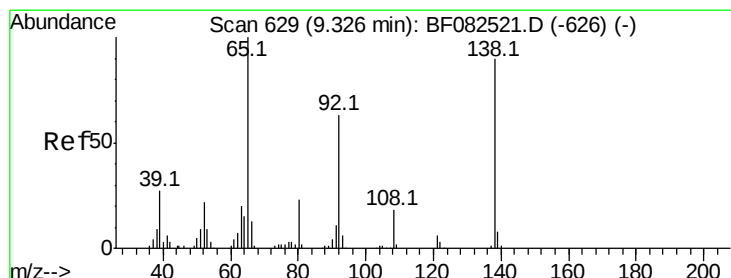
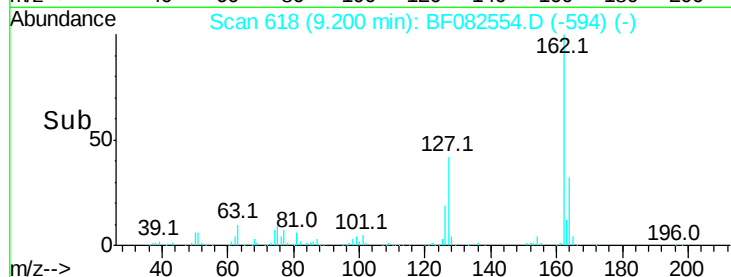
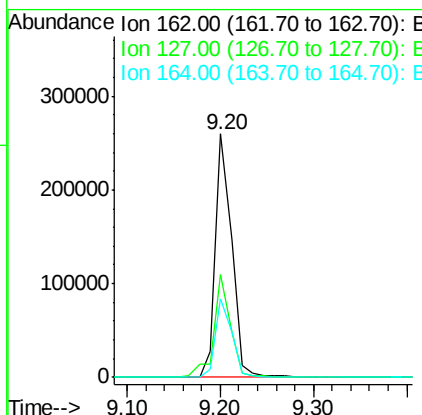
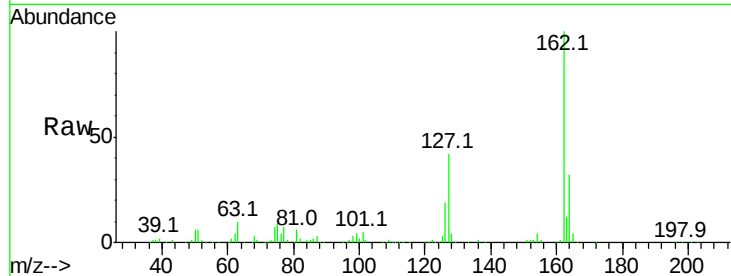




#46
2-Chloronaphthalene
Concen: 36.98 ng
RT: 9.20 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

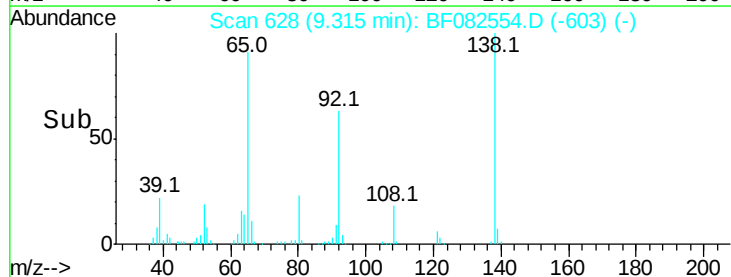
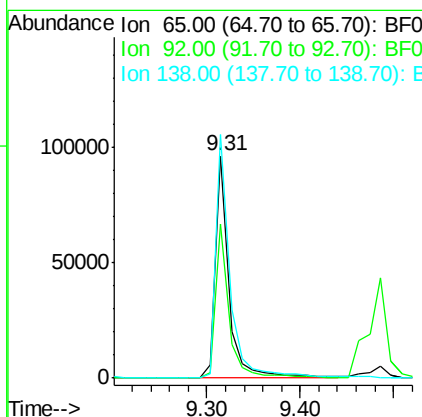
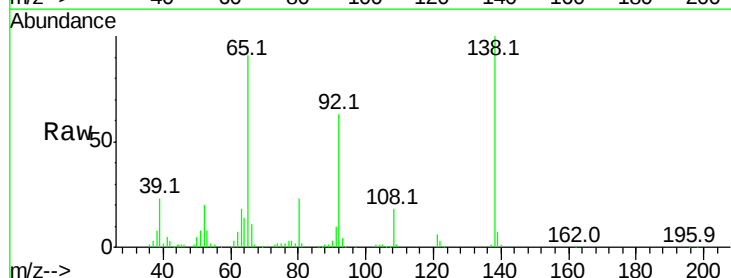
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

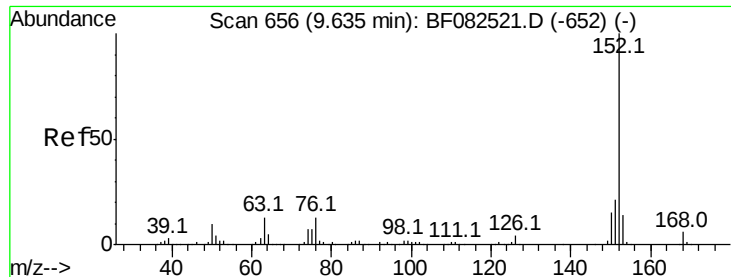
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	30.6	46.0
164	32.2	26.8	40.2



#47
2-Nitroaniline
Concen: 39.29 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	50.6	76.0
138	109.5	71.8	107.6





#48

Acenaphthylene

Concen: 36.83 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

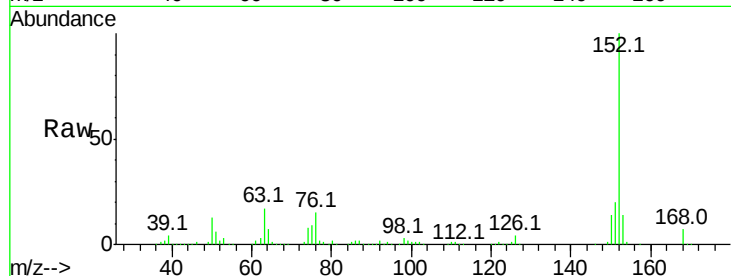
Tot Ion:152 Resp: 502305

Ion Ratio Lower Upper

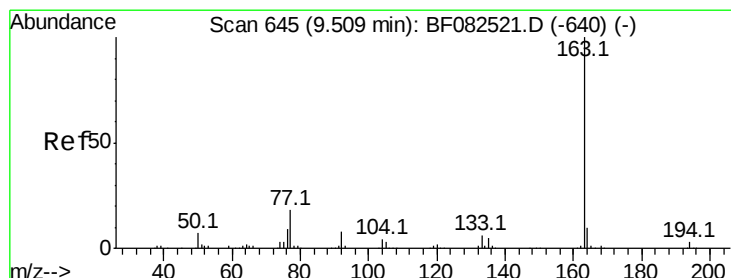
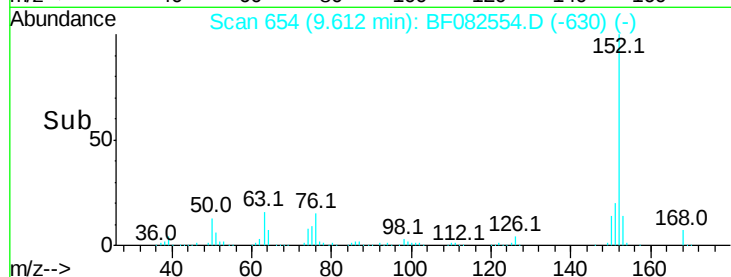
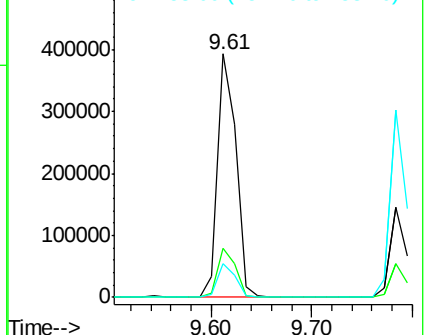
152 100

151 20.1 16.6 25.0

153 13.7 10.9 16.3



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



#49

Dimethylphthalate

Concen: 48.43 ng

RT: 9.49 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

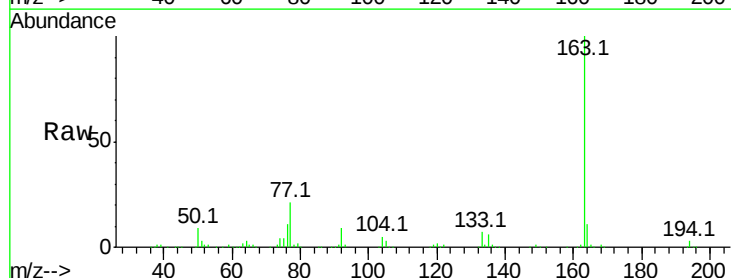
Tgt Ion:163 Resp: 489221

Ion Ratio Lower Upper

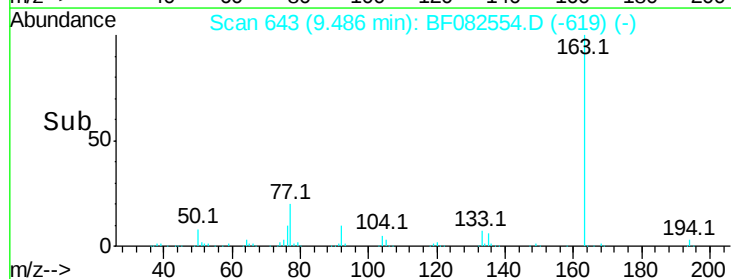
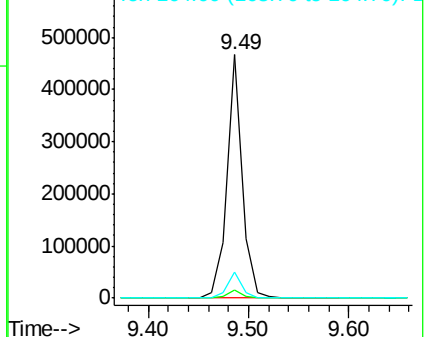
163 100

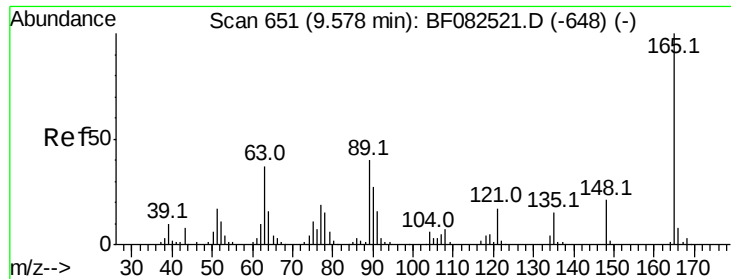
194 3.2 2.8 4.2

164 10.6 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

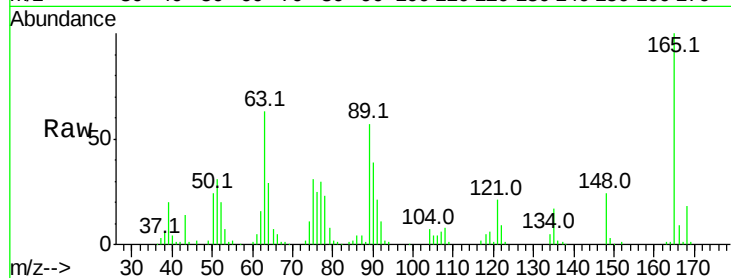




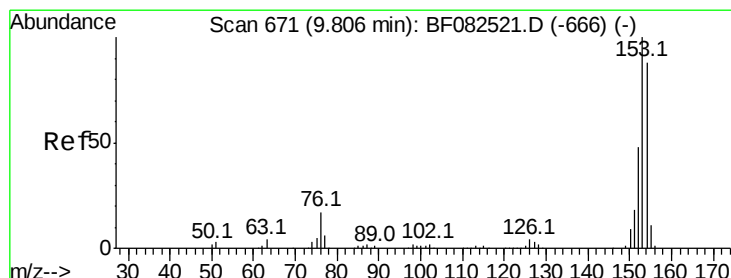
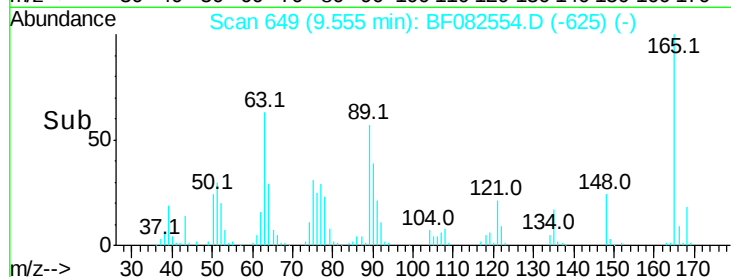
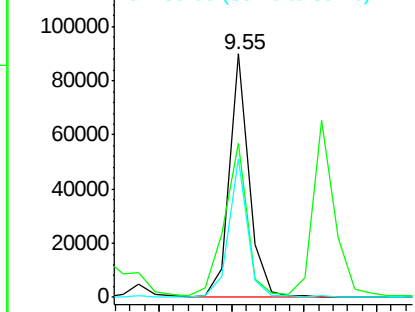
#50
 2,6-Dinitrotoluene
 Concen: 38.32 ng
 RT: 9.55 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tot Ion:165 Resp: 84870
 Ion Ratio Lower Upper
 165 100
 63 63.4 30.7 46.1#
 89 57.1 31.8 47.8#

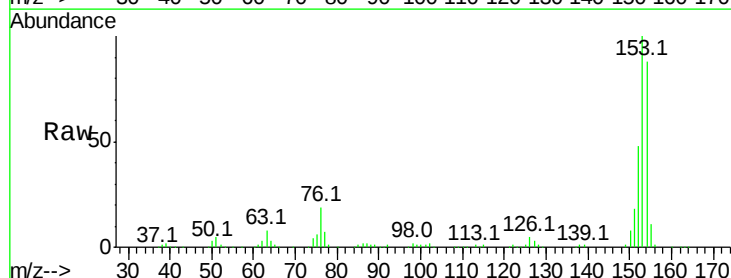


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

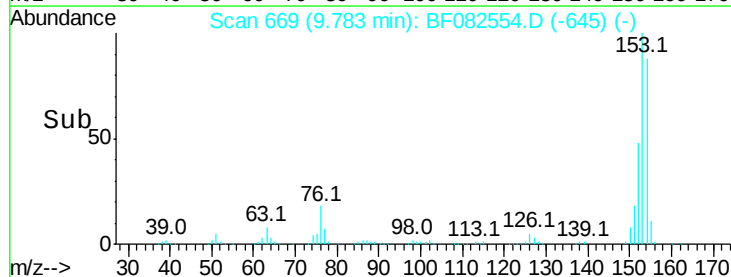
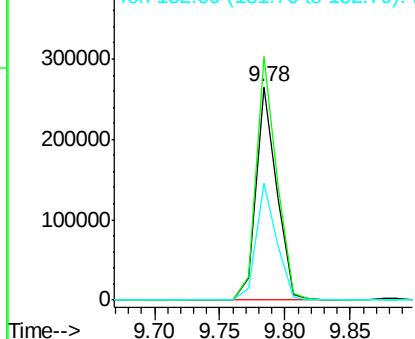


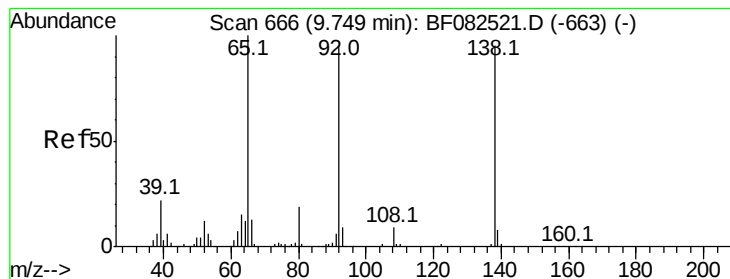
#51
 Acenaphthene
 Concen: 37.63 ng
 RT: 9.78 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:154 Resp: 294347
 Ion Ratio Lower Upper
 154 100
 153 114.3 90.7 136.1
 152 54.6 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: 29.57 ng

RT: 9.73 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

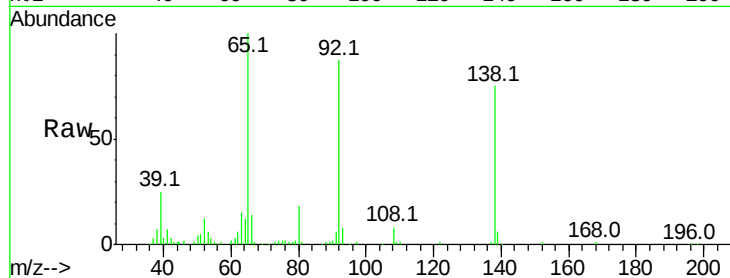
Tot Ion:138 Resp: 71076

Ion Ratio Lower Upper

138 100

108 10.4 7.4 11.2

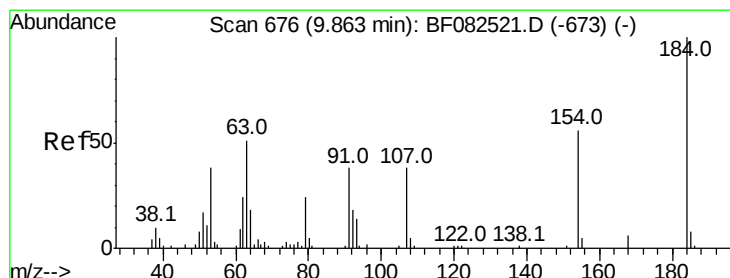
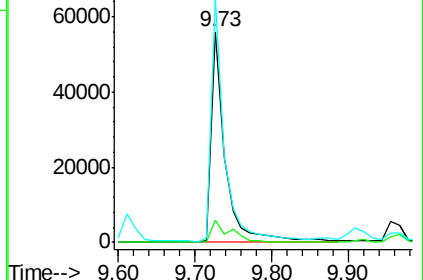
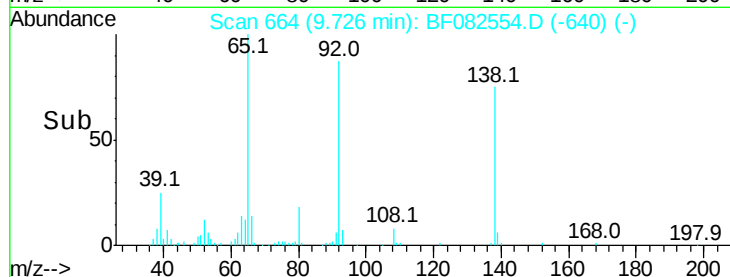
92 115.7 80.2 120.2



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: 10.73 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

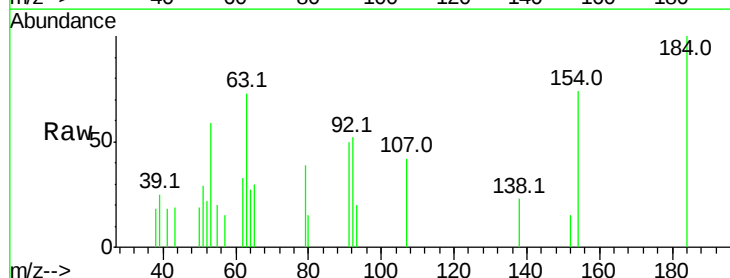
Tgt Ion:184 Resp: 4631

Ion Ratio Lower Upper

184 100

63 72.9 41.4 62.0#

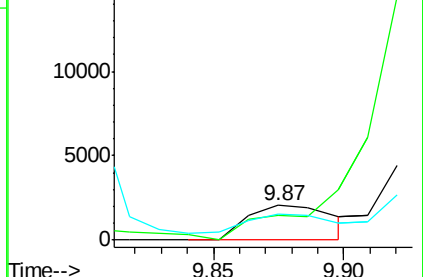
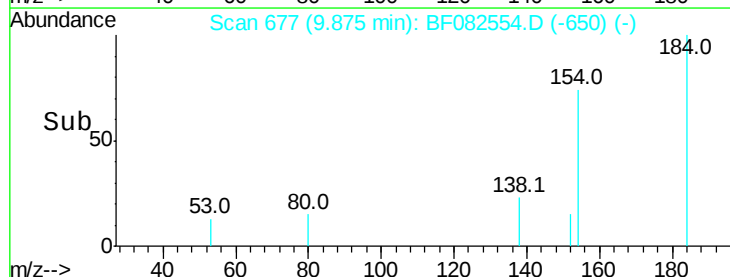
154 73.9 48.2 72.2#

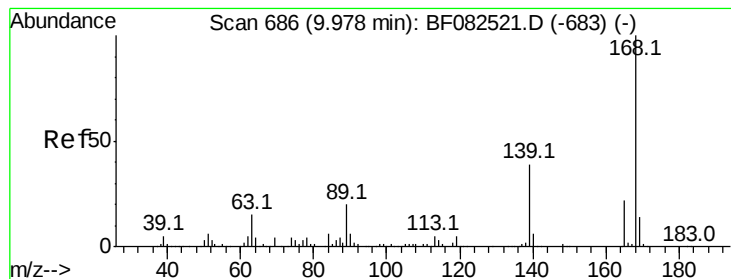


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 39.55 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

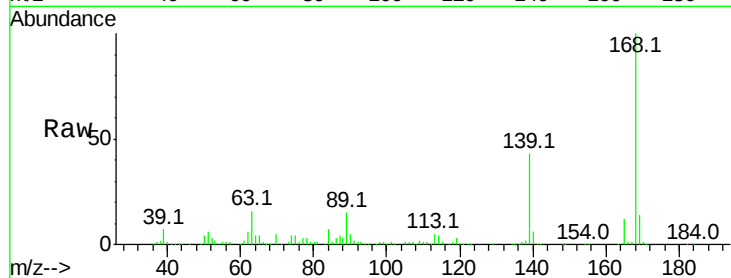
Tot Ion:168 Resp: 451401

Ion Ratio Lower Upper

168 100

139 43.0 33.0 49.6

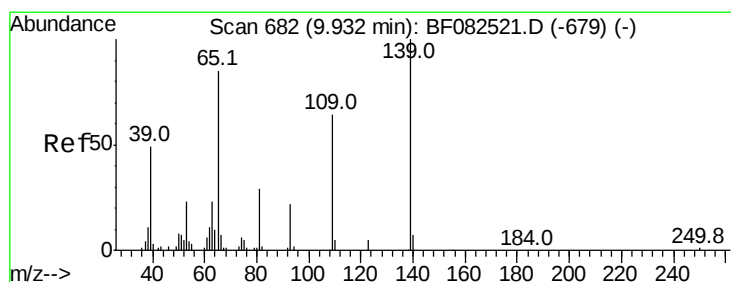
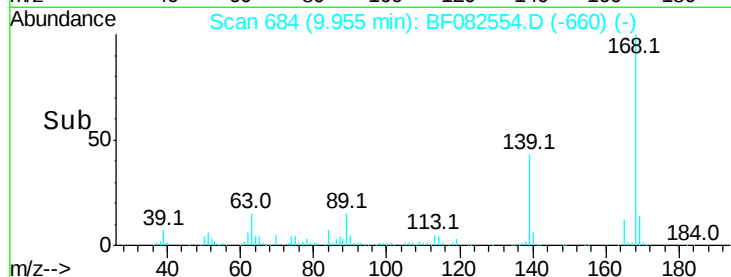
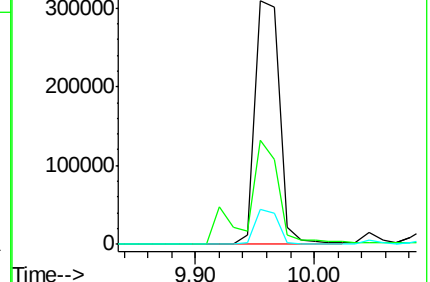
169 14.2 11.0 16.4



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: 59.61 ng m

RT: 9.92 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

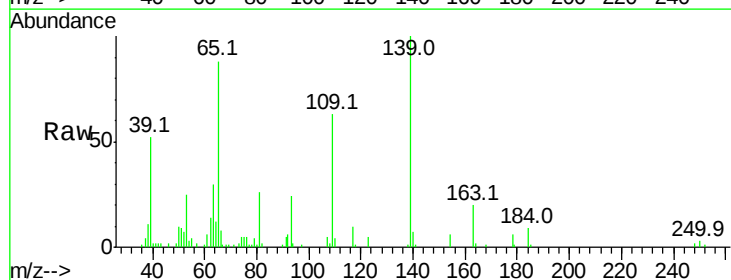
Tgt Ion:139 Resp: 59596

Ion Ratio Lower Upper

139 100

109 63.3 44.2 84.2

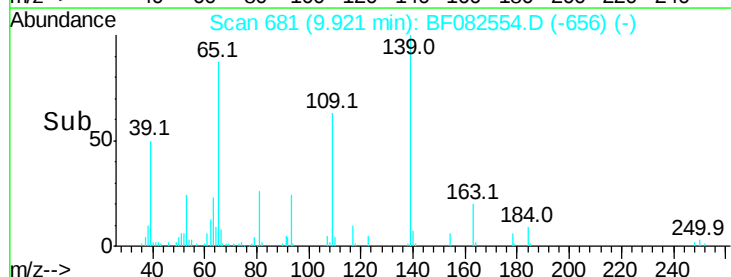
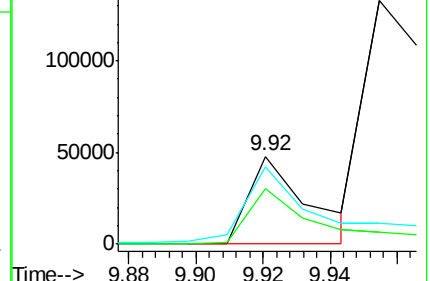
65 88.0 68.1 108.1

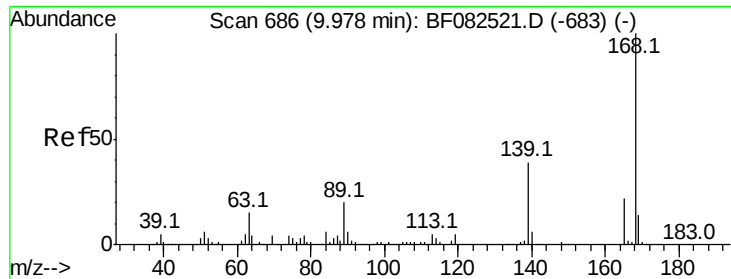


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

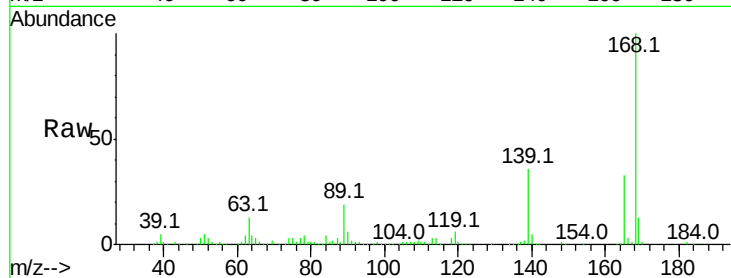




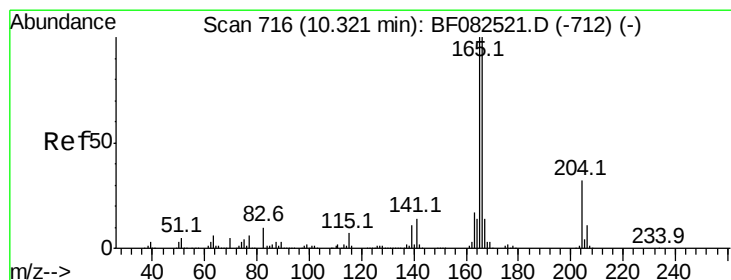
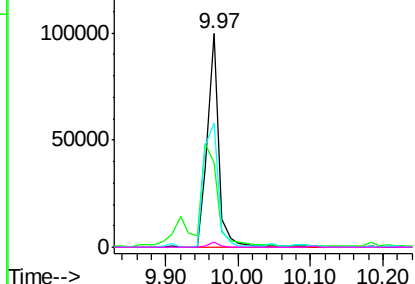
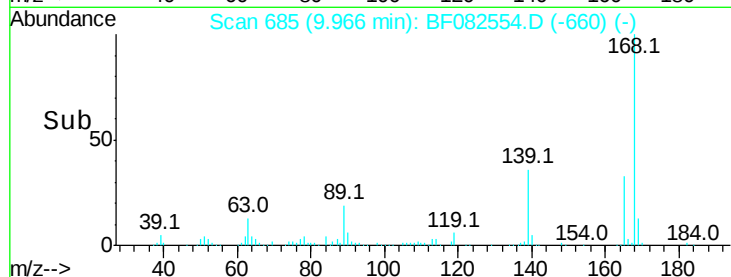
#56
2,4-Dinitrotoluene
Concen: 40.65 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tot Ion:165 Resp: 109194
Ion Ratio Lower Upper
165 100
63 39.8 58.6 88.0#
89 58.0 72.3 108.5#
182 2.3 1.8 2.8

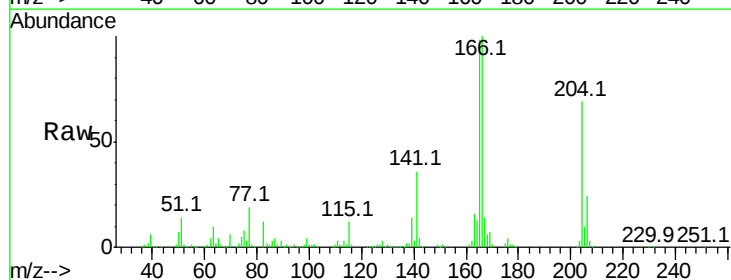


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

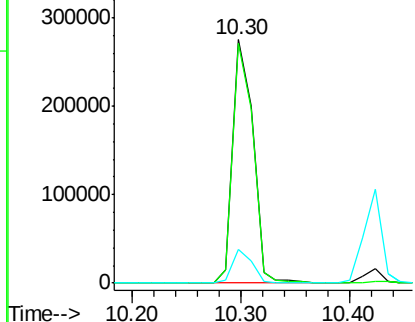
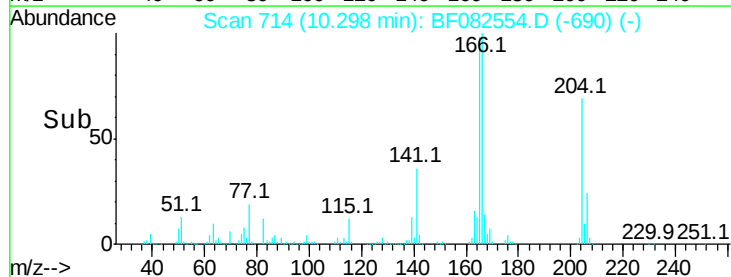


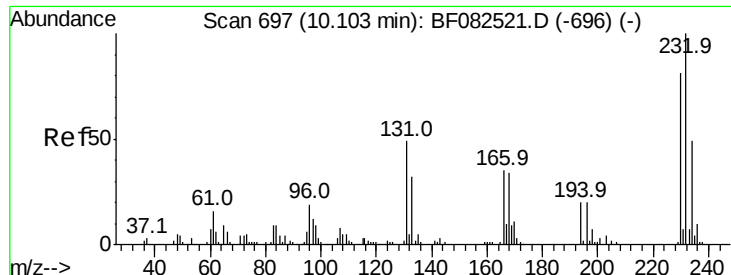
#57
Fluorene
Concen: 37.58 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:166 Resp: 352091
Ion Ratio Lower Upper
166 100
165 98.3 79.7 119.5
167 13.8 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

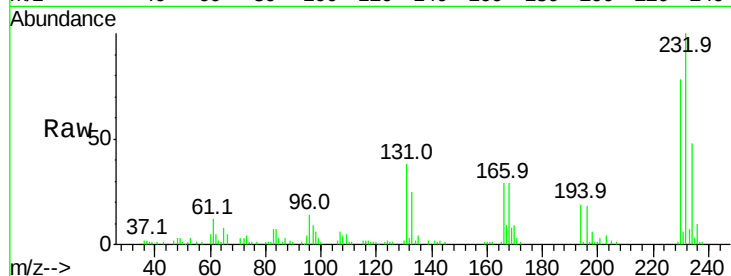




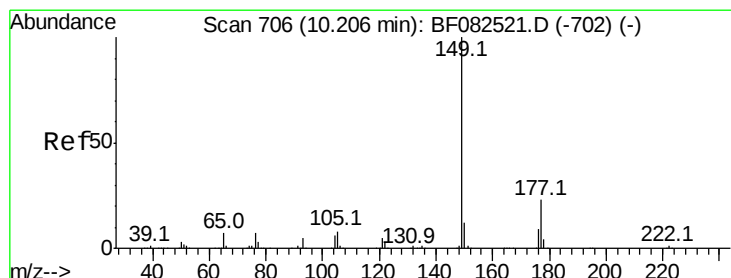
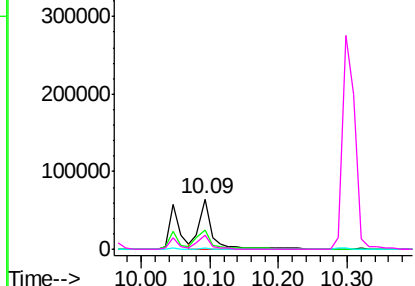
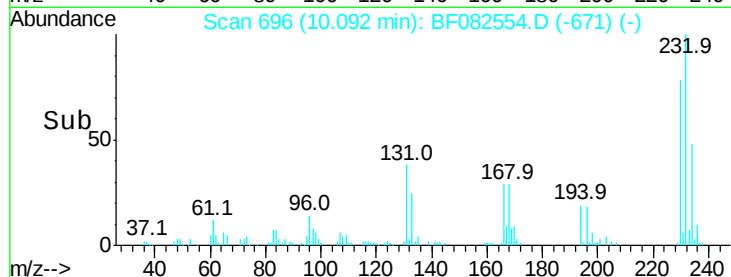
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.42 ng
 RT: 10.09 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tot Ion:232 Resp: 79858
 Ion Ratio Lower Upper
 232 100
 131 41.0 36.4 54.6
 130 1.9 1.7 2.5
 166 28.7 25.4 38.0

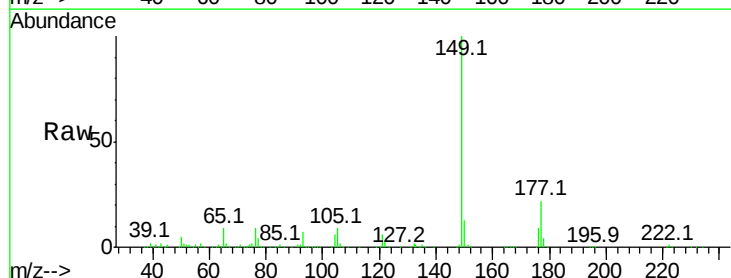


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

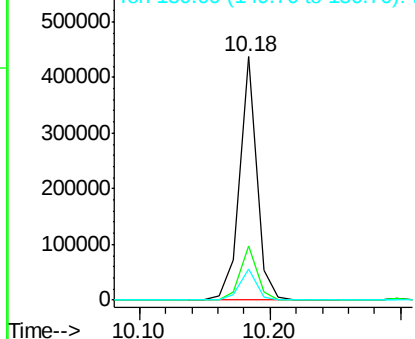
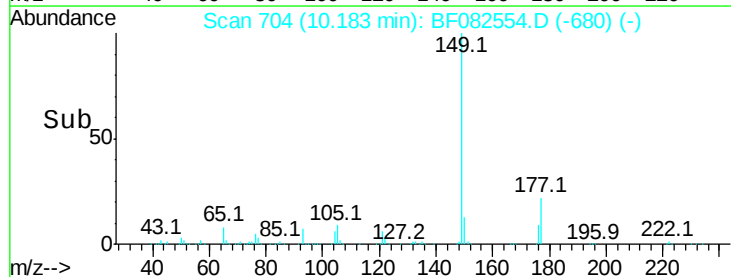


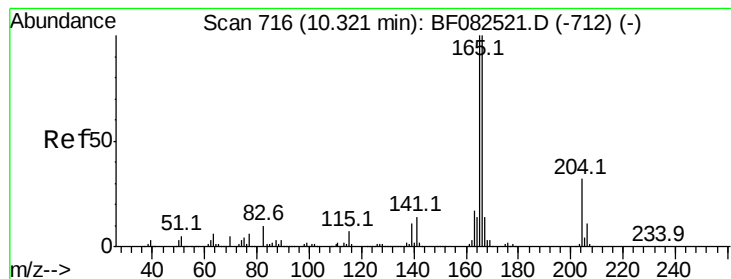
#59
 Diethylphthalate
 Concen: 40.24 ng
 RT: 10.18 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:149 Resp: 395578
 Ion Ratio Lower Upper
 149 100
 177 22.0 18.6 28.0
 150 12.8 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: 41.32 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

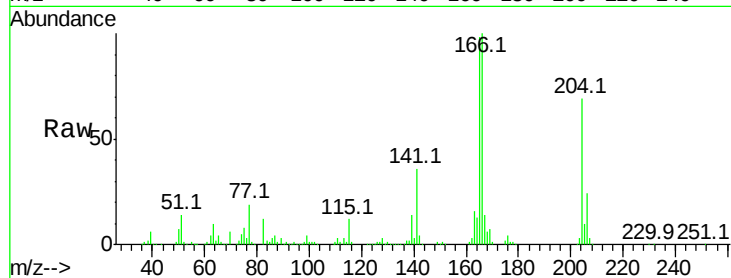
Tot Ion:204 Resp: 182068

Ion Ratio Lower Upper

204 100

206 34.5 27.7 41.5

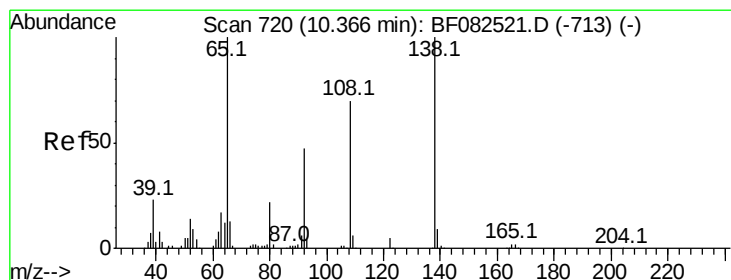
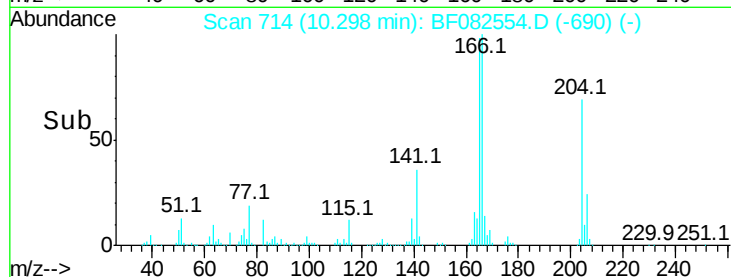
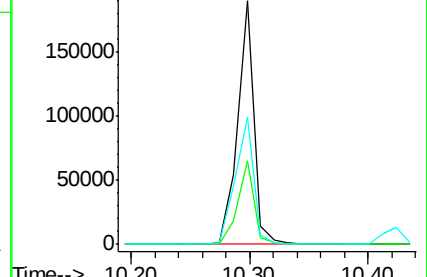
141 52.3 33.9 50.9#



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: 32.95 ng

RT: 10.34 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

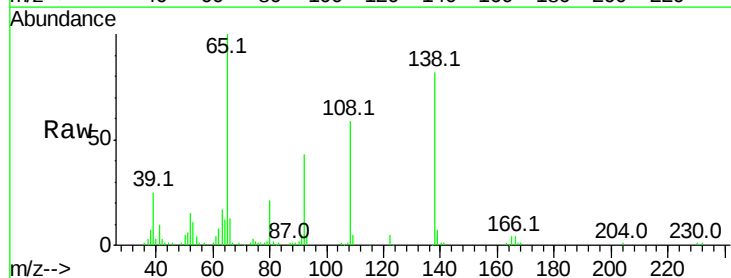
Tgt Ion:138 Resp: 79302

Ion Ratio Lower Upper

138 100

92 52.8 27.3 67.3

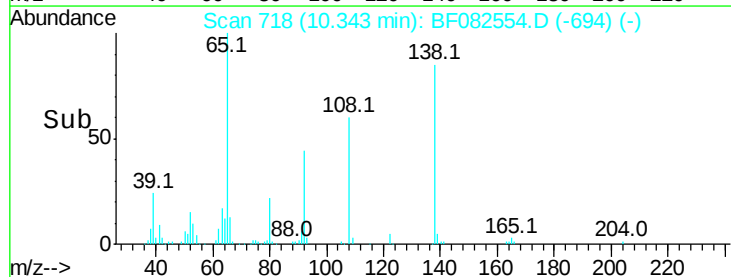
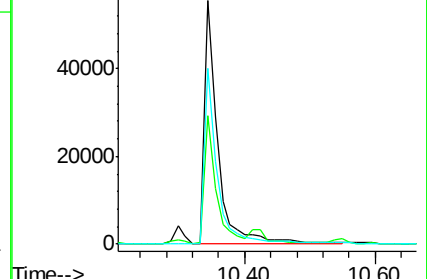
108 72.0 49.8 89.8

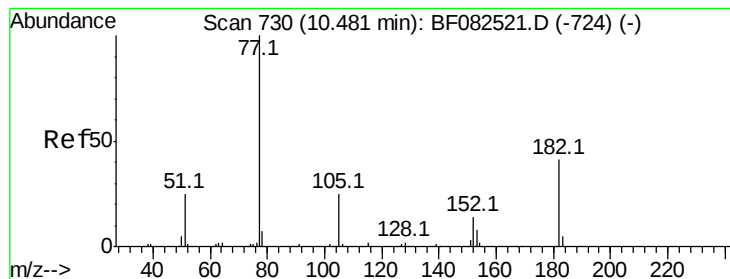


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 40.76 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

Tot Ion: 77 Resp: 387098

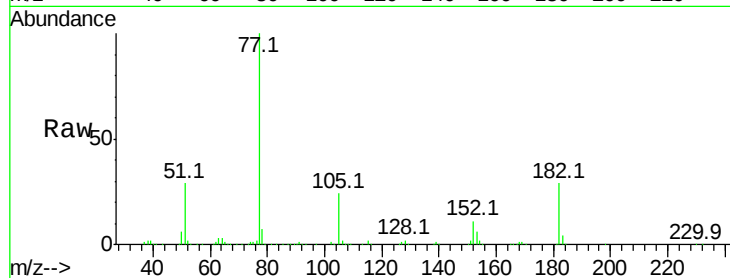
Ion Ratio Lower Upper

77 100

182 28.9 20.8 60.8

105 23.7 5.8 45.8

51 28.5 5.3 45.3

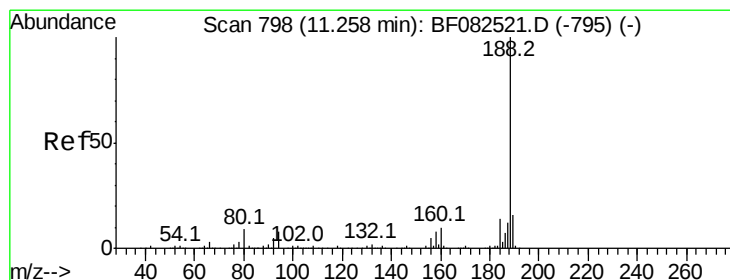
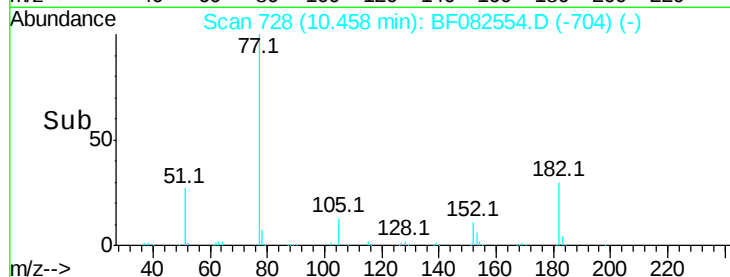
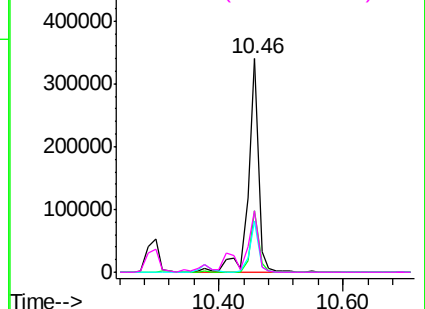


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.23 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

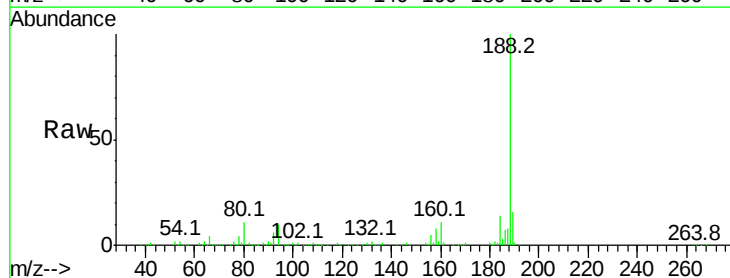
Tgt Ion: 188 Resp: 281695

Ion Ratio Lower Upper

188 100

94 10.3 6.4 9.6#

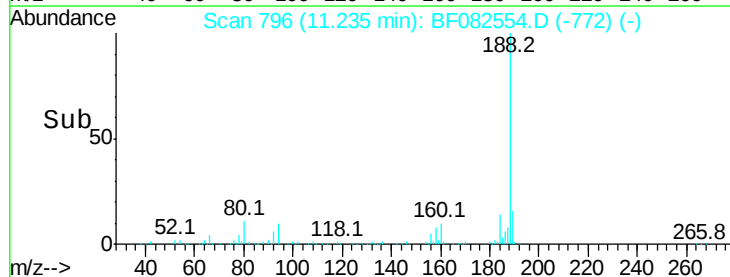
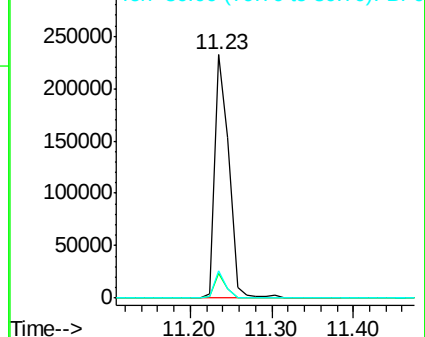
80 11.4 7.0 10.6#

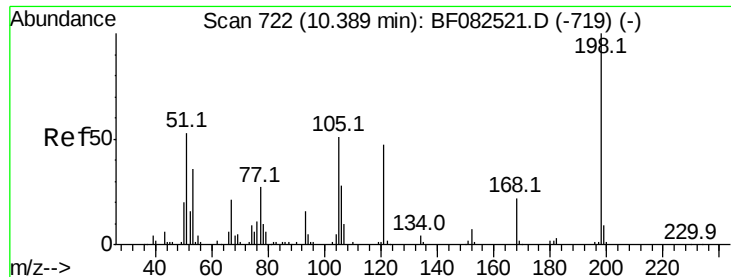


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 24.11 ng

RT: 10.38 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

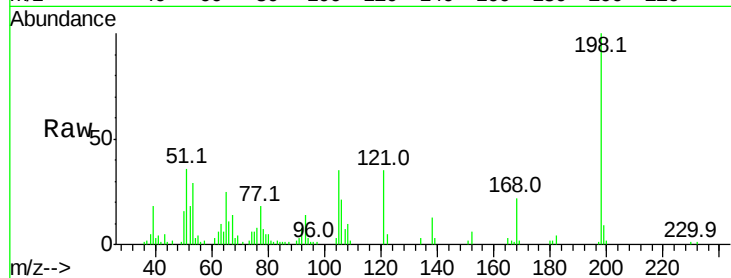
Tot Ion:198 Resp: 39840

Ion Ratio Lower Upper

198 100

51 35.7 38.2 78.2#

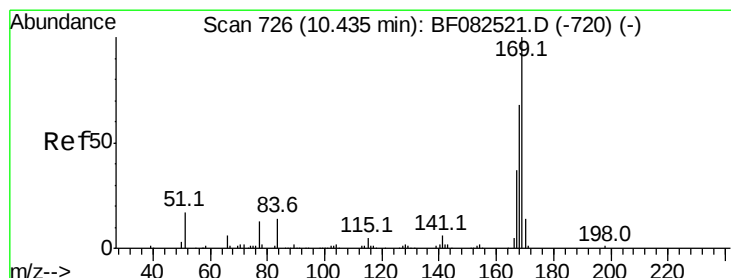
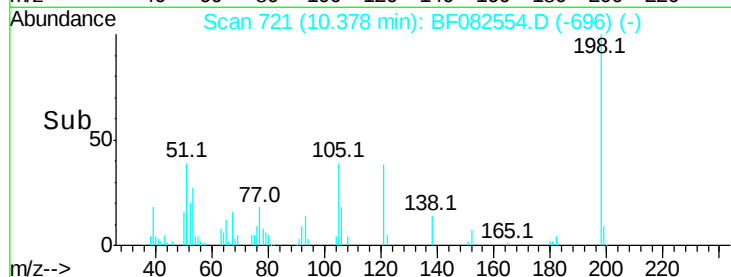
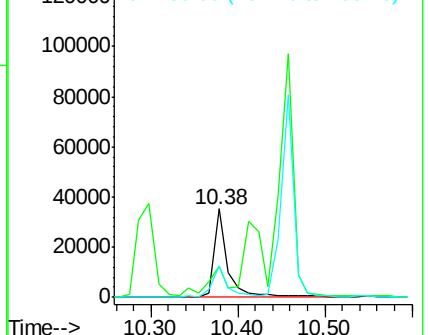
105 34.6 32.2 72.2



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: 37.91 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

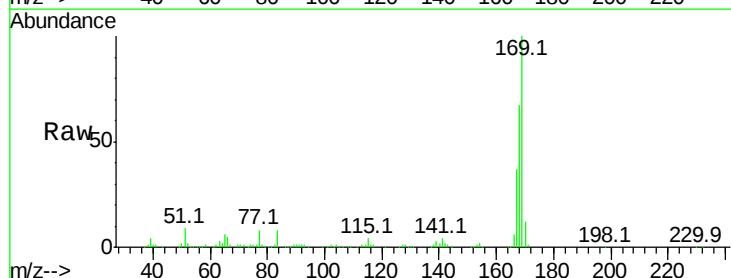
Tgt Ion:169 Resp: 323088

Ion Ratio Lower Upper

169 100

168 67.1 54.8 82.2

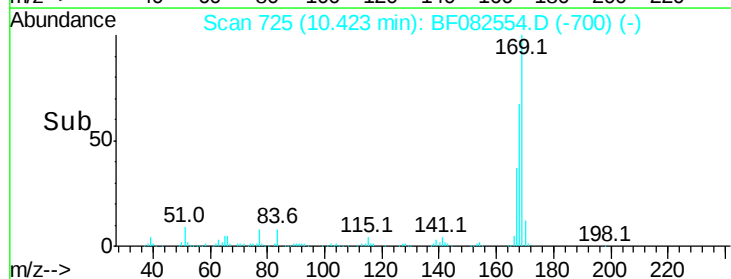
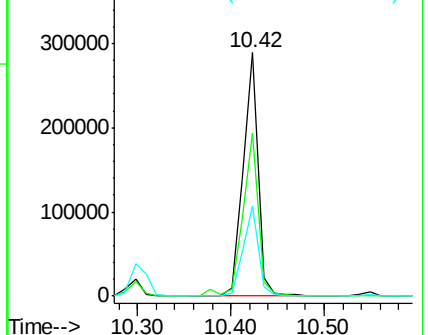
167 36.8 29.5 44.3

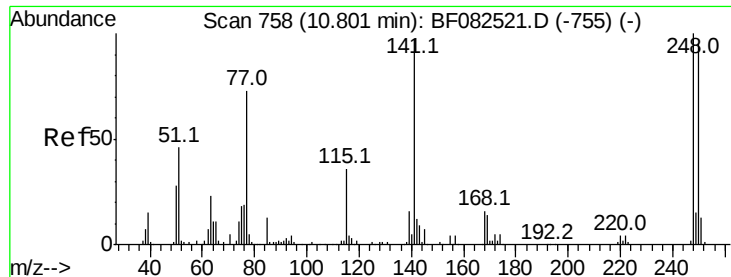


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

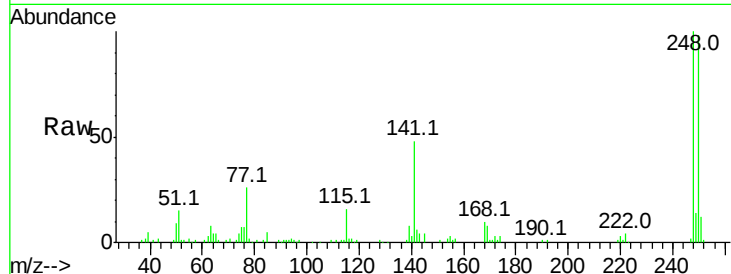




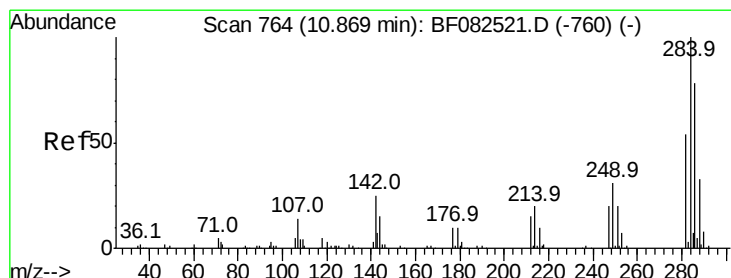
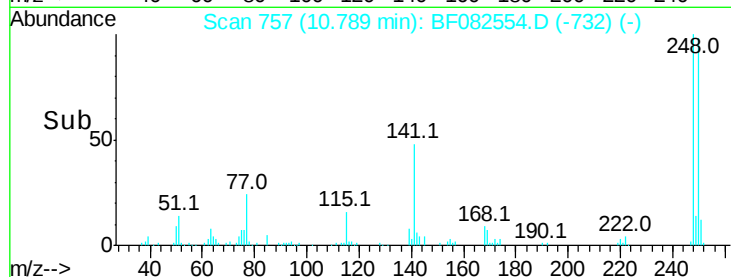
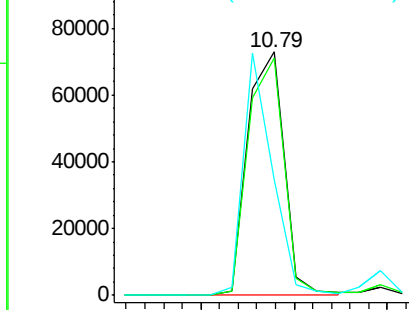
#66
4-Bromophenyl-phenylether
Concen: 37.32 ng
RT: 10.79 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tot Ion:248 Resp: 98653
Ion Ratio Lower Upper
248 100
250 97.7 76.0 114.0
141 47.6 77.5 116.3#

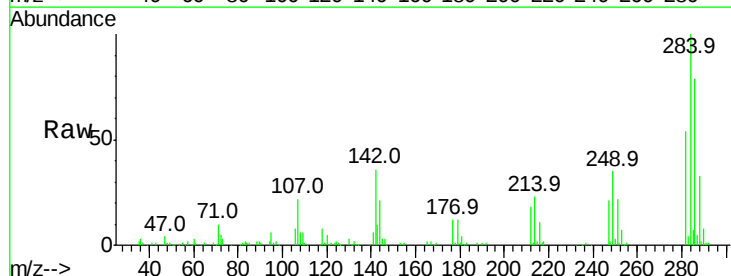


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

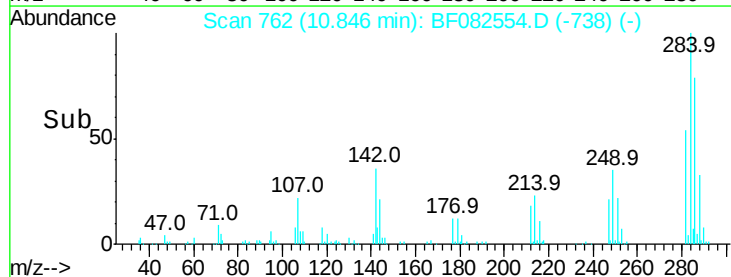
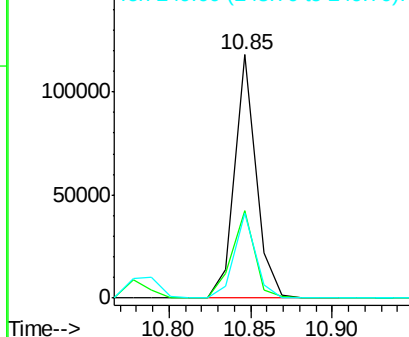


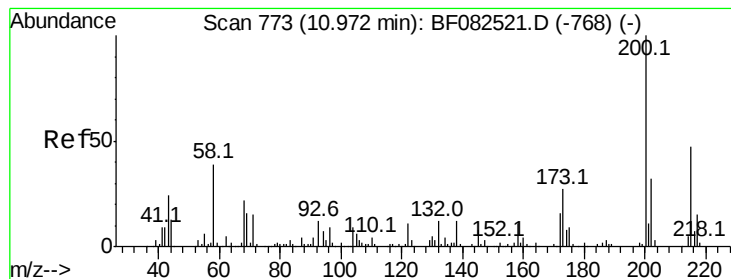
#67
Hexachlorobenzene
Concen: 37.94 ng
RT: 10.85 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:284 Resp: 106956
Ion Ratio Lower Upper
284 100
142 36.1 20.3 30.5#
249 34.8 25.3 37.9



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





#68

Atrazine

Concen: 37.11 ng

RT: 10.95 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

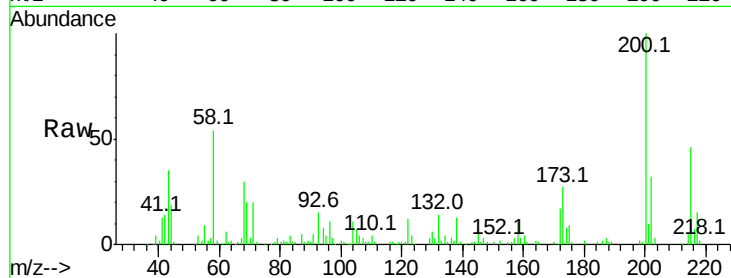
Tot Ion:200 Resp: 97917

Ion Ratio Lower Upper

200 100

173 27.3 7.2 47.2

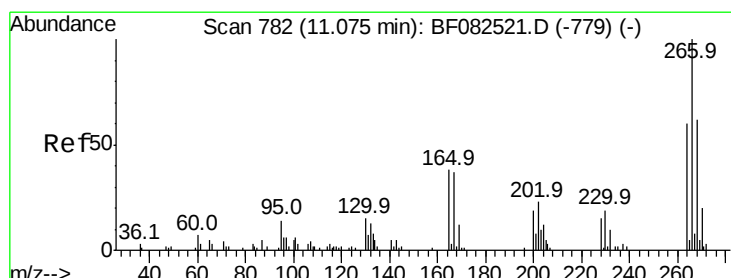
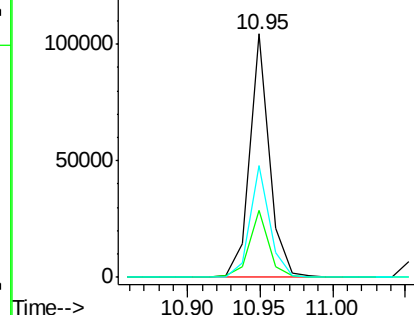
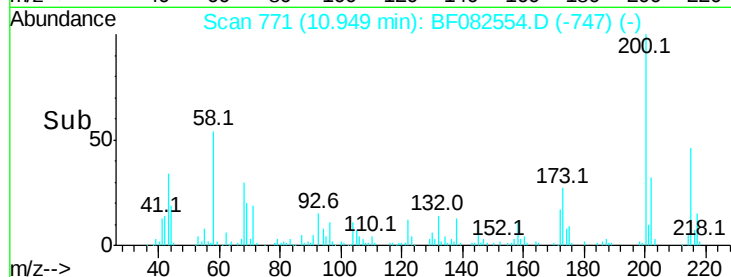
215 46.1 27.0 67.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 45.72 ng

RT: 11.05 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

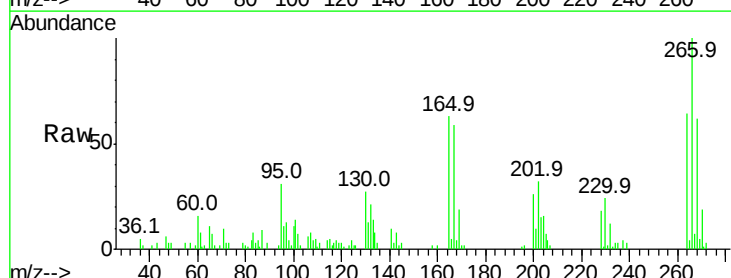
Tgt Ion:266 Resp: 48613

Ion Ratio Lower Upper

266 100

268 61.5 49.5 74.3

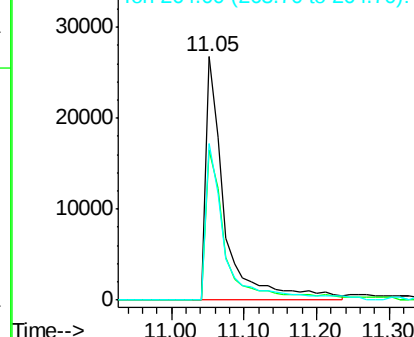
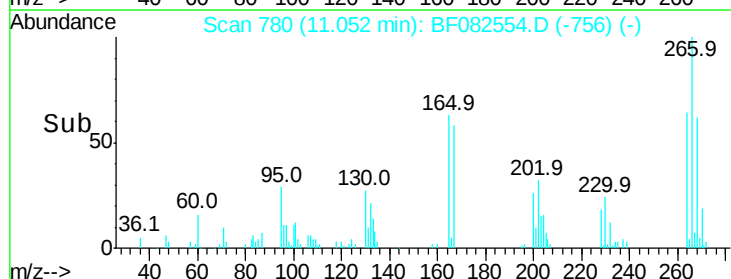
264 64.2 48.0 72.0

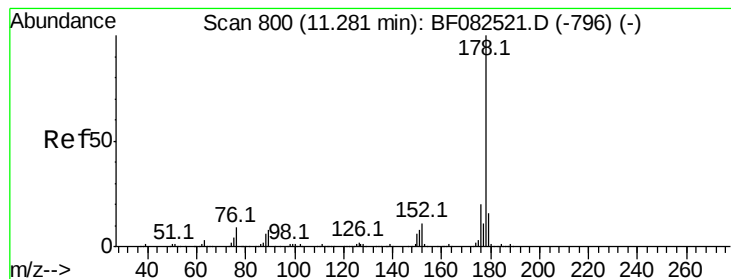


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 37.78 ng

RT: 11.26 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

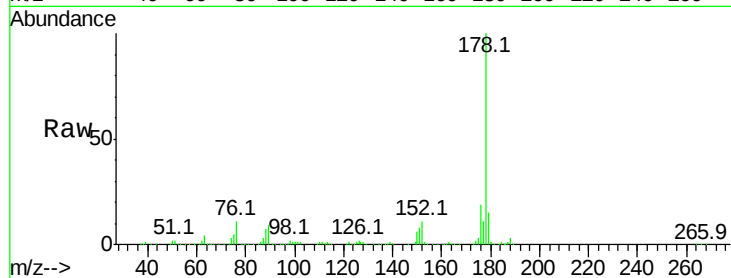
Tot Ion:178 Resp: 547773

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

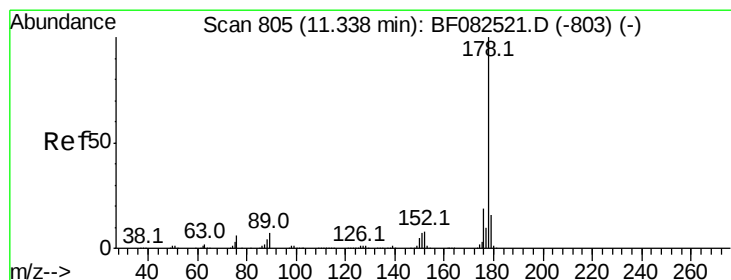
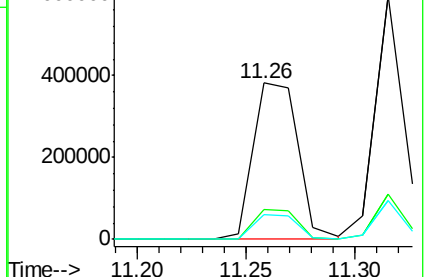
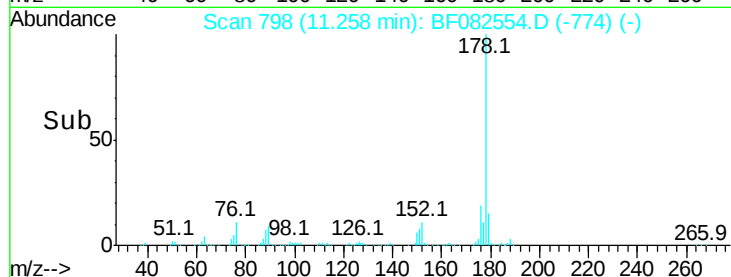
179 15.5 12.8 19.2



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: 39.26 ng

RT: 11.31 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

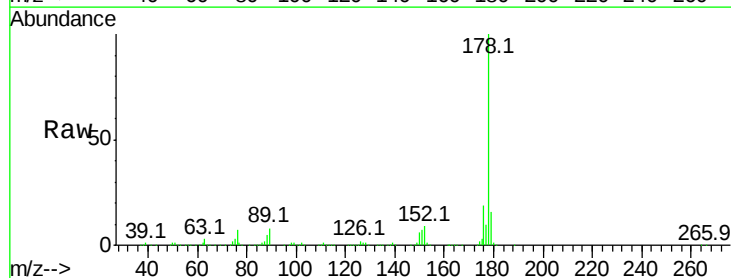
Tgt Ion:178 Resp: 573190

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

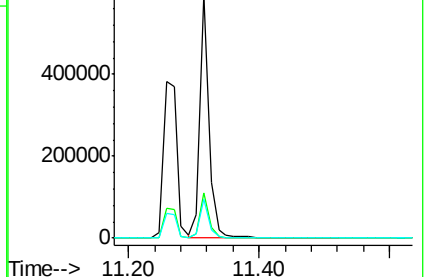
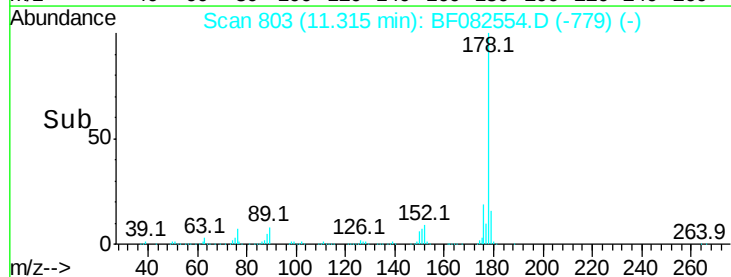
179 15.9 12.6 19.0

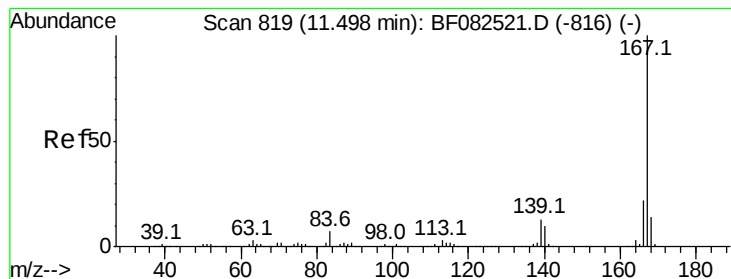


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.60 ng

RT: 11.48 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

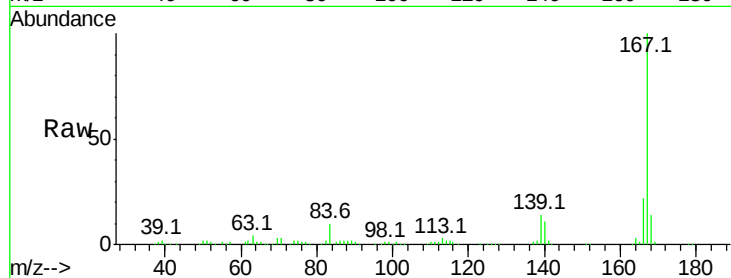
Tot Ion:167 Resp: 484054

Ion Ratio Lower Upper

167 100

166 21.6 17.9 26.9

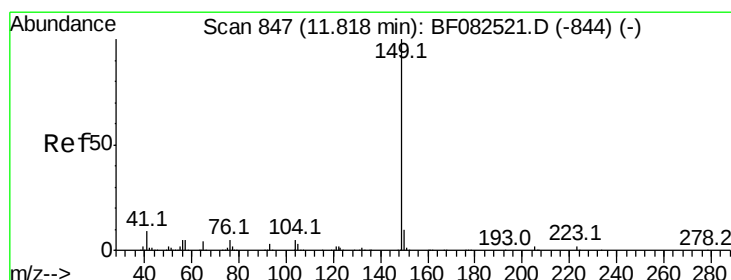
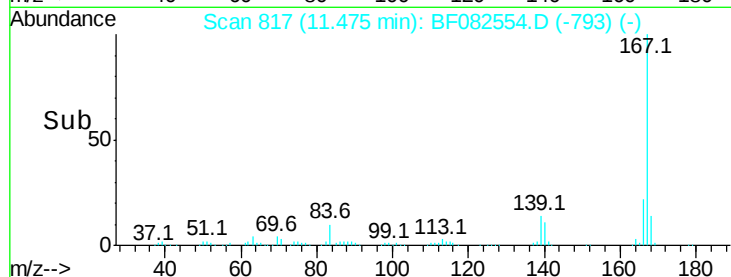
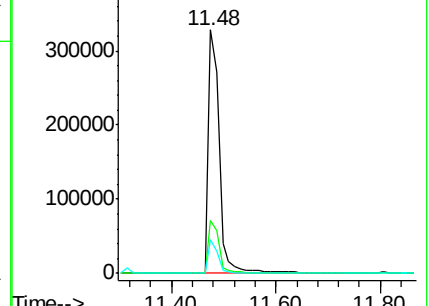
139 13.9 10.4 15.6



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: 40.57 ng

RT: 11.81 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

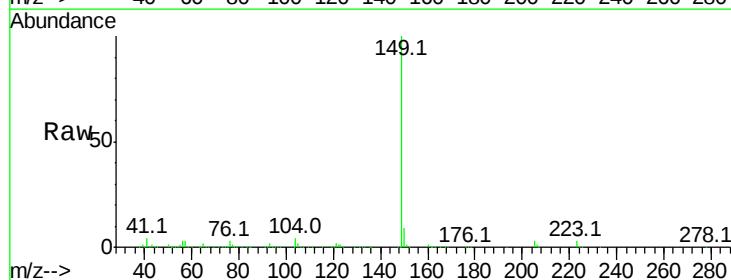
Tgt Ion:149 Resp: 622964

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

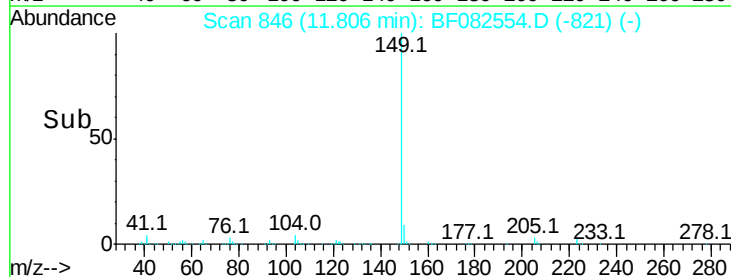
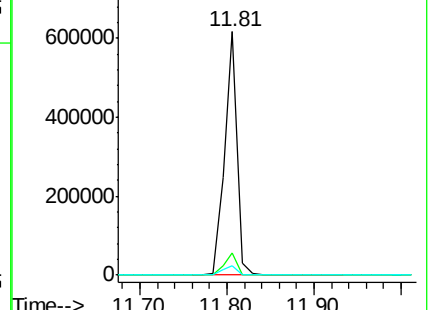
104 3.8 4.2 6.4#

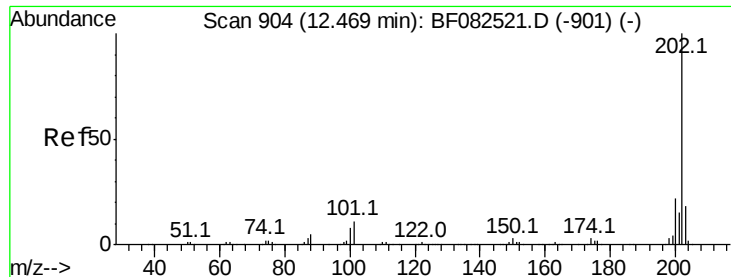


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

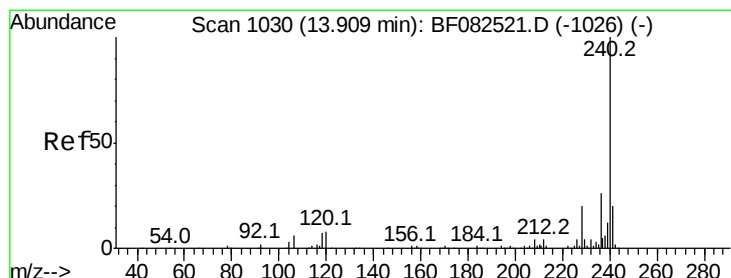
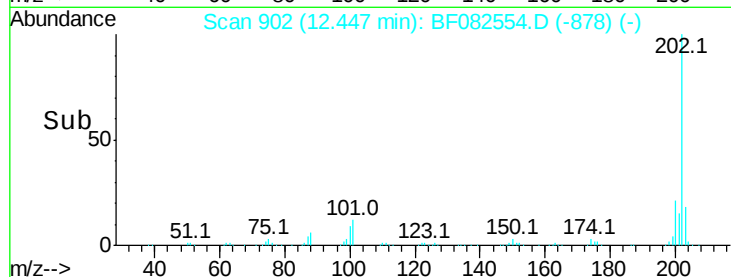
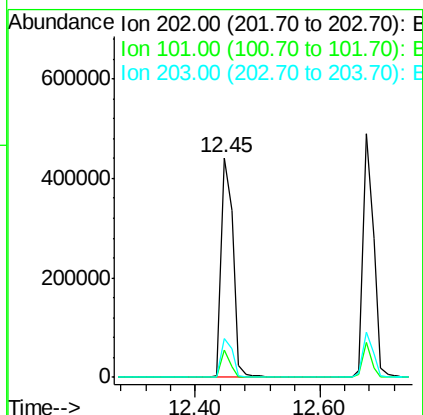
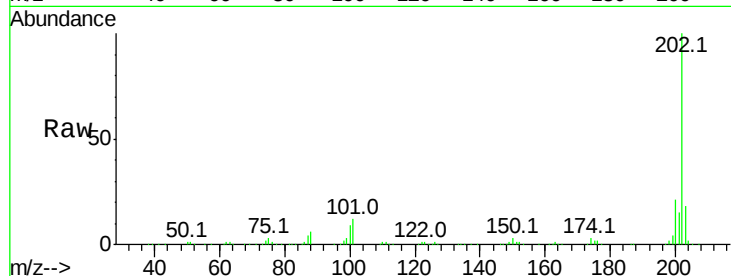




#74
 Fluoranthene
 Concen: 38.27 ng
 RT: 12.45 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

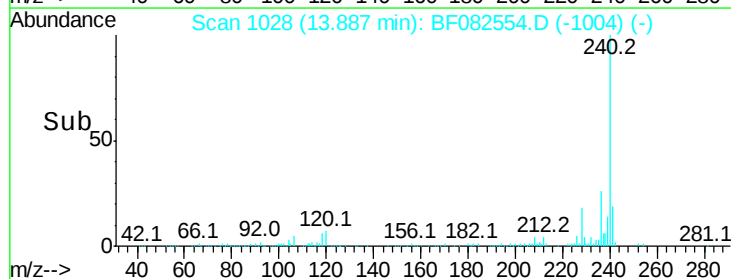
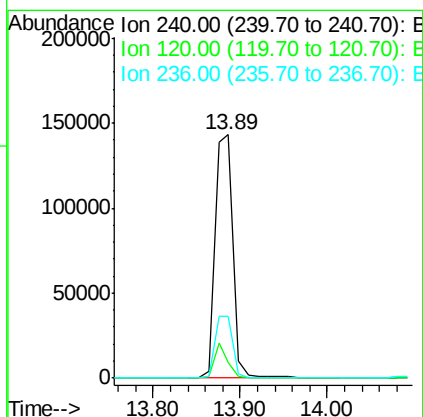
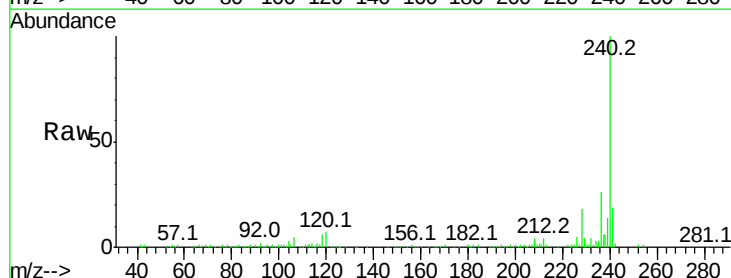
Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

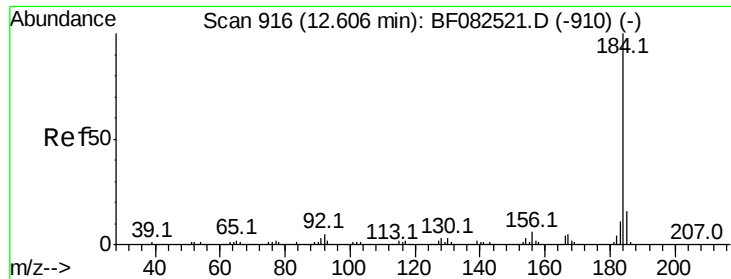
Tot Ion:202 Resp: 569467
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 31.2
 203 17.6 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF082554.D
 Acq: 27 Oct 2015 18:48

Tgt Ion:240 Resp: 207970
 Ion Ratio Lower Upper
 240 100
 120 6.6 6.5 9.7
 236 25.6 20.5 30.7

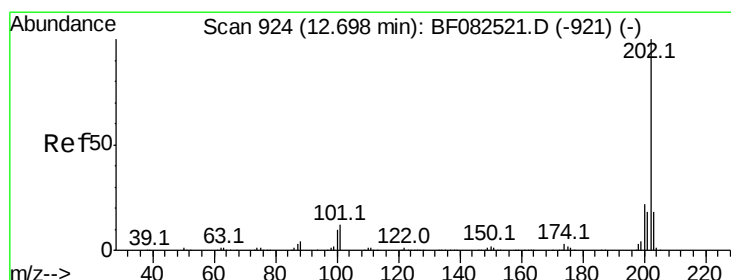
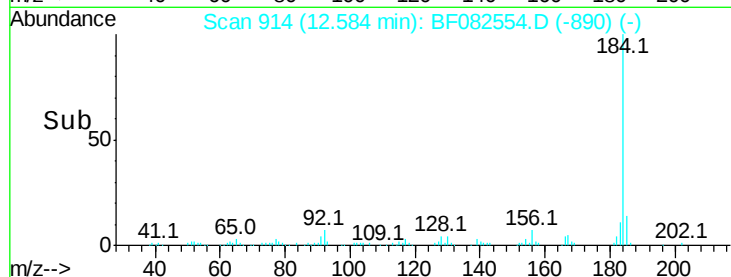
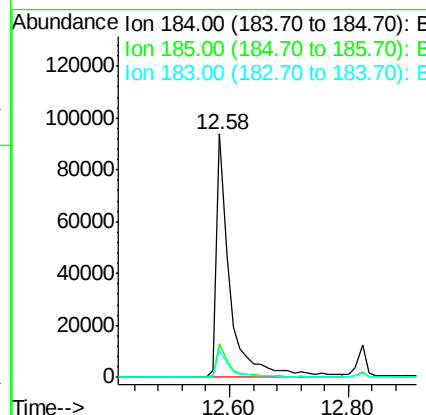
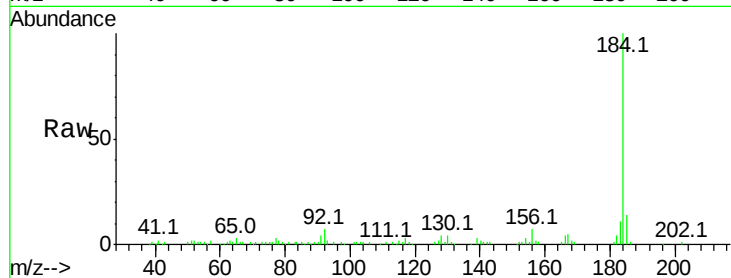




#76
Benzidine
Concen: 25.82 ng
RT: 12.58 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

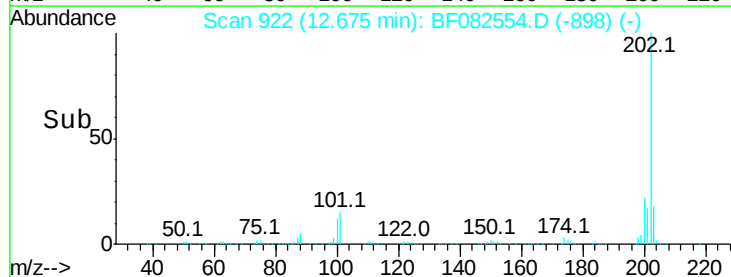
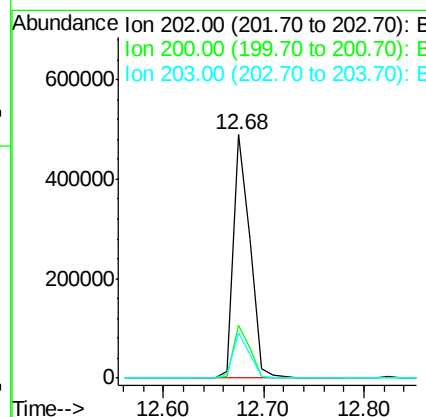
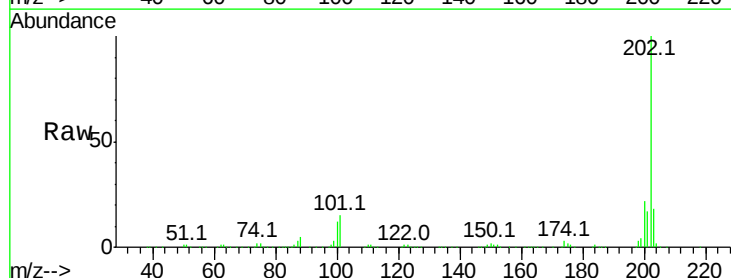
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

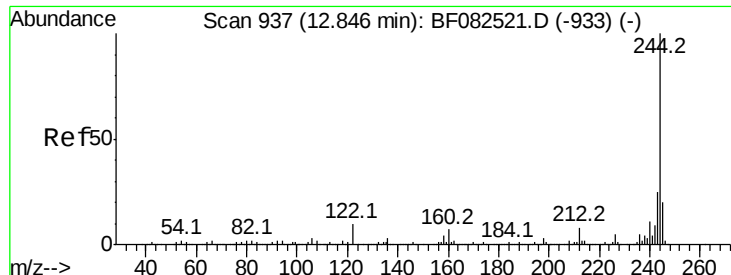
Tot Ion:184 Resp: 147364
Ion Ratio Lower Upper
184 100
185 13.7 12.8 19.2
183 10.9 8.9 13.3



#77
Pyrene
Concen: 43.49 ng
RT: 12.68 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:202 Resp: 556266
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 18.4 14.6 22.0





#78

Terphenyl-d14

Concen: 101.57 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

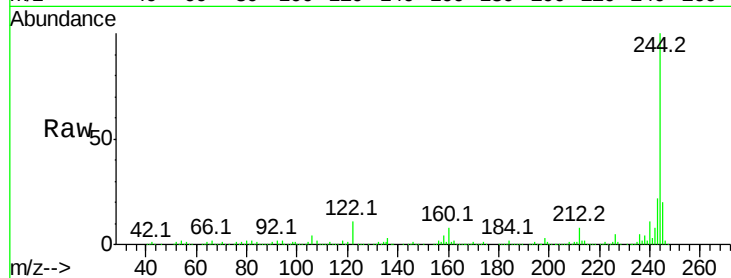
Tot Ion:244 Resp: 733198

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

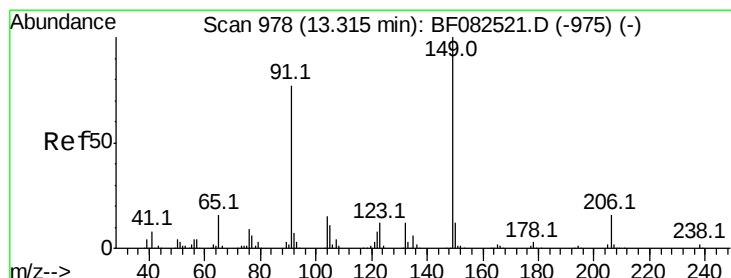
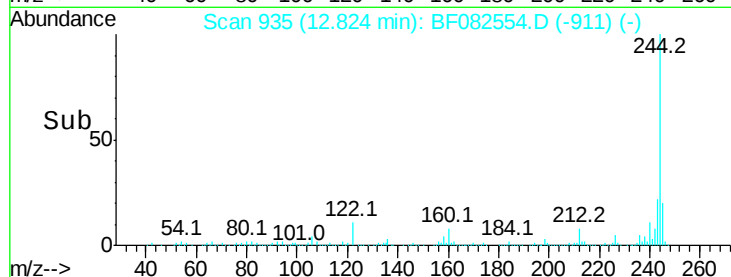
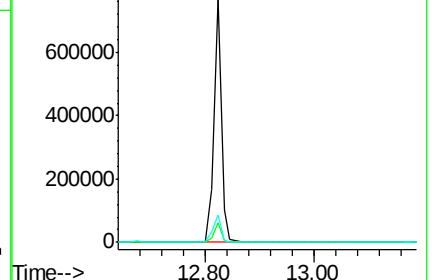
122 11.2 8.1 12.1



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: 43.75 ng

RT: 13.29 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

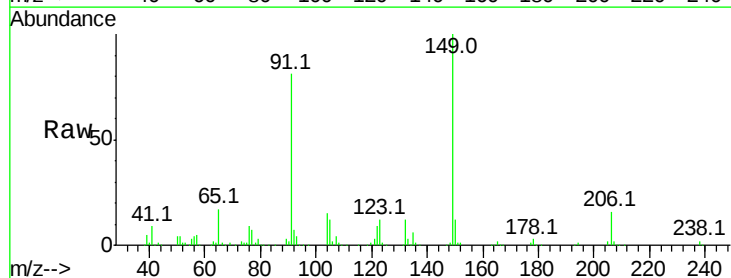
Tgt Ion:149 Resp: 235292

Ion Ratio Lower Upper

149 100

91 81.0 62.0 93.0

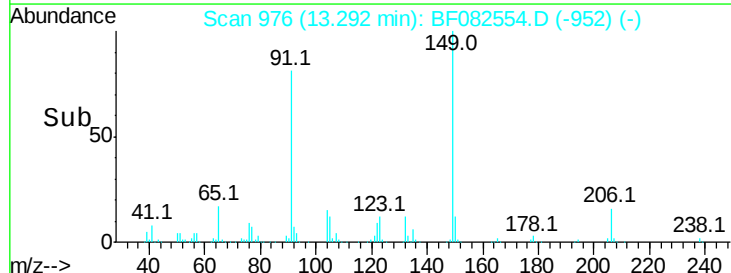
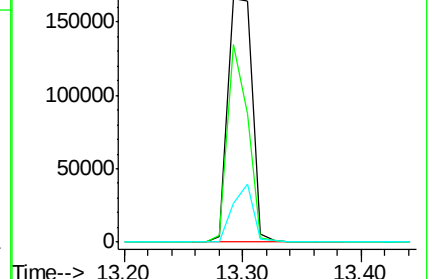
206 16.0 13.0 19.4

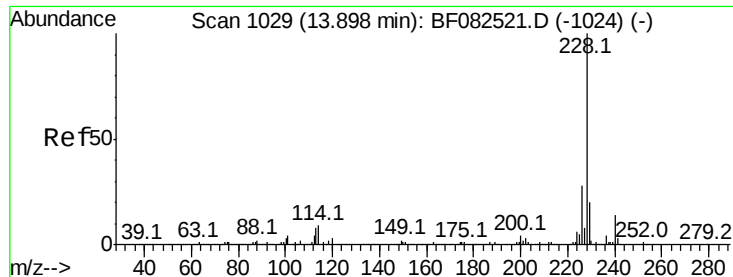


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.53 ng

RT: 13.88 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

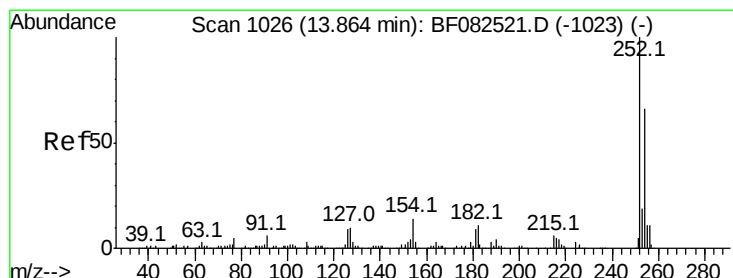
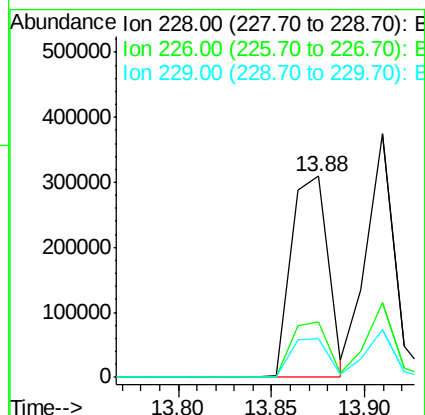
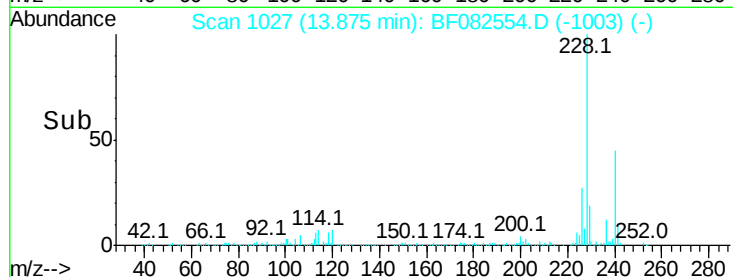
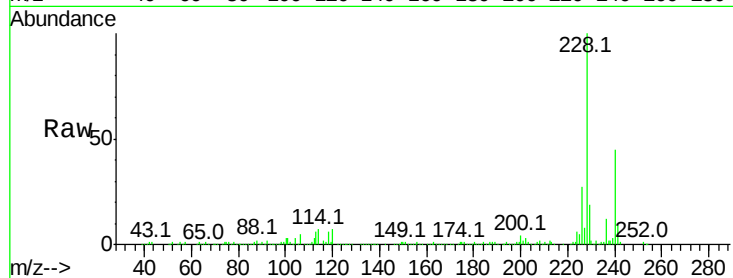
Tot Ion:228 Resp: 429595

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 19.3 16.1 24.1



#81

3,3'-Dichlorobenzidine

Concen: 25.83 ng

RT: 13.84 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

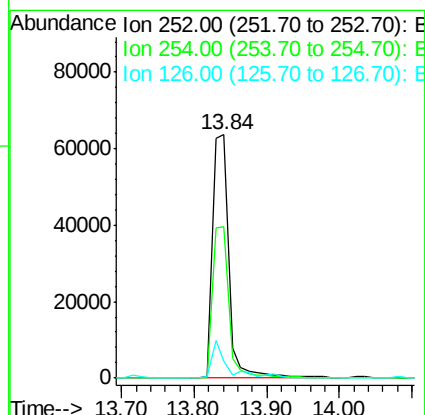
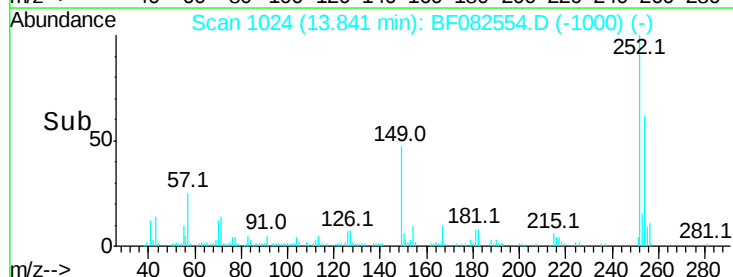
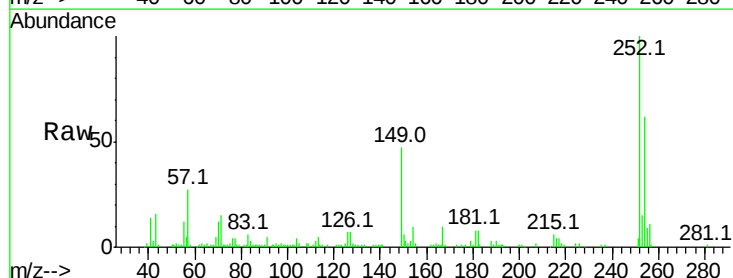
Tgt Ion:252 Resp: 99863

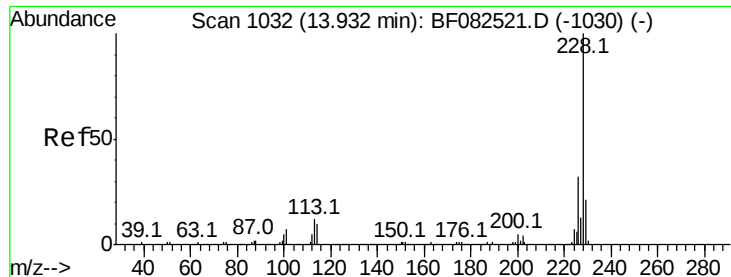
Ion Ratio Lower Upper

252 100

254 62.3 53.0 79.6

126 7.1 7.4 11.2#





#82

Chrysene

Concen: 38.32 ng

RT: 13.91 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

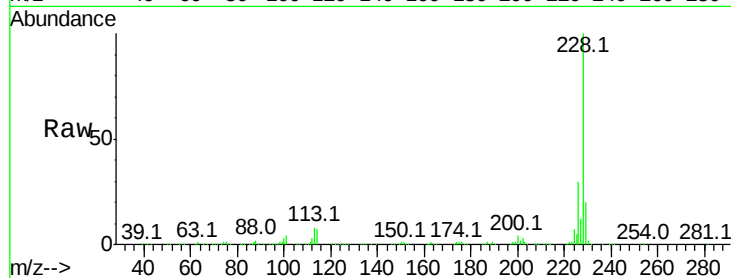
Tot Ion:228 Resp: 403562

Ion Ratio Lower Upper

228 100

226 30.5 25.2 37.8

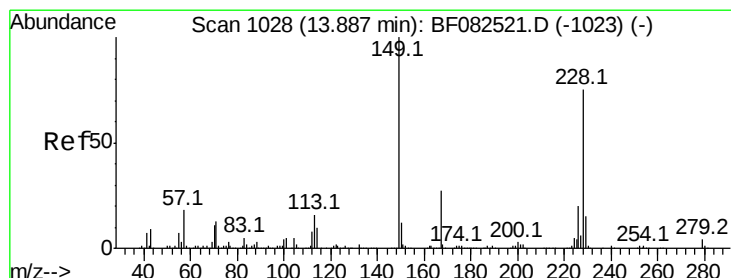
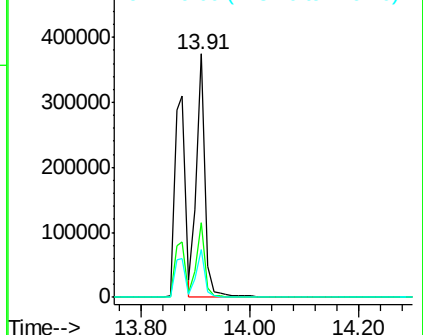
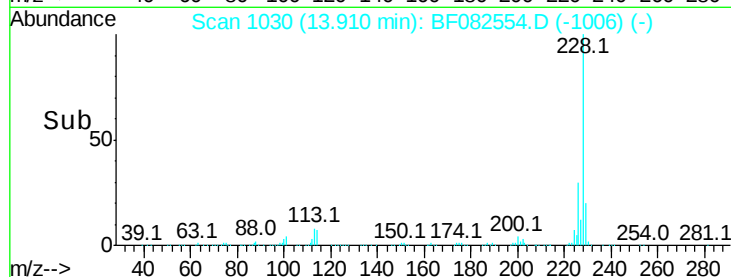
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 43.52 ng

RT: 13.85 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF082554.D

Acq: 27 Oct 2015 18:48

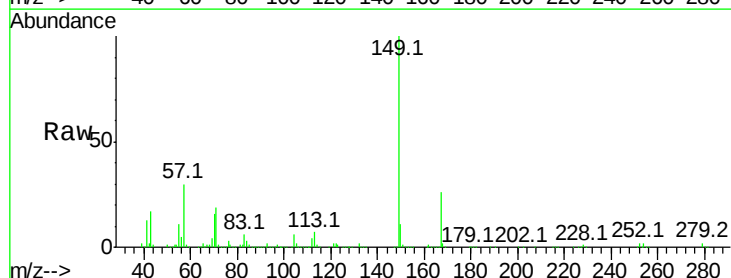
Tgt Ion:149 Resp: 313441

Ion Ratio Lower Upper

149 100

167 25.5 21.8 32.6

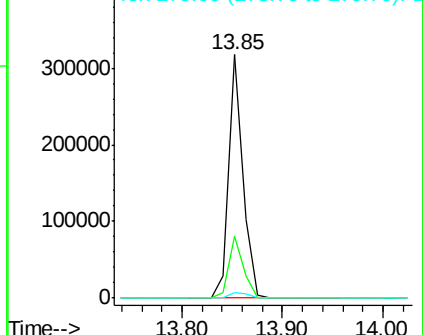
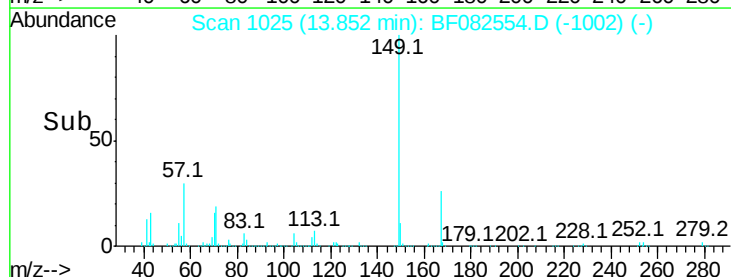
279 2.4 3.0 4.6#

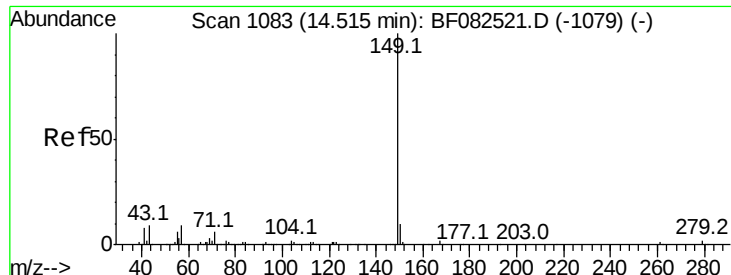


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

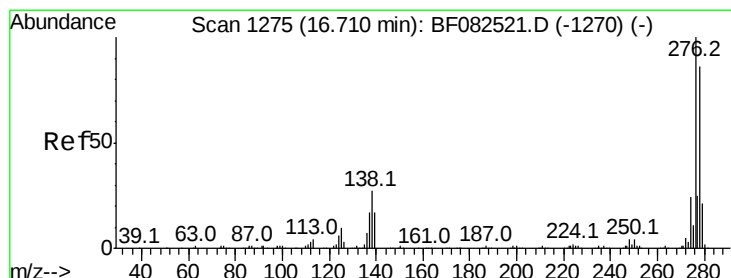
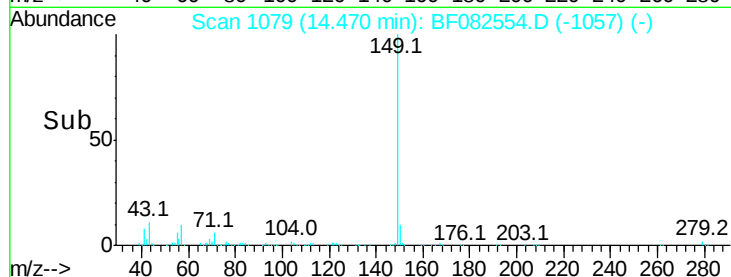
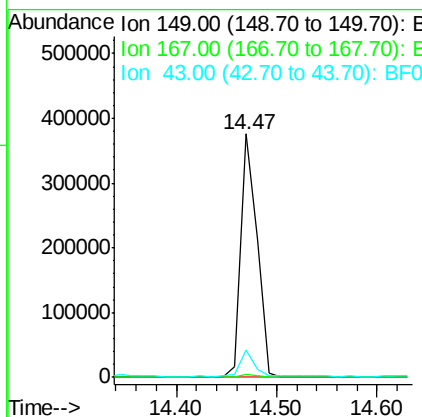
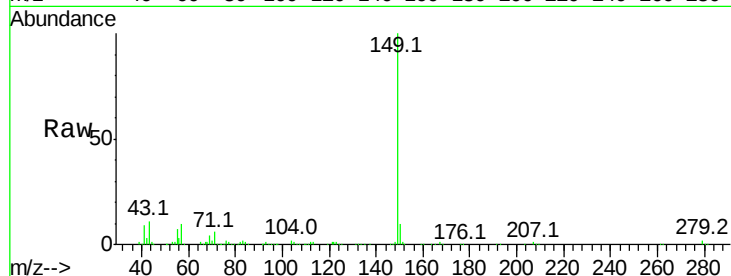




#84
Di-n-octyl phthalate
Concen: 35.59 ng
RT: 14.47 min Scan# 1079
Delta R.T. -0.05 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

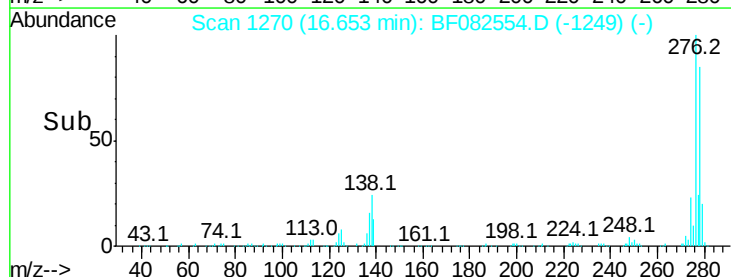
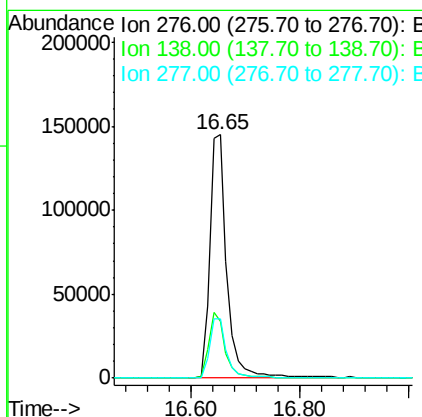
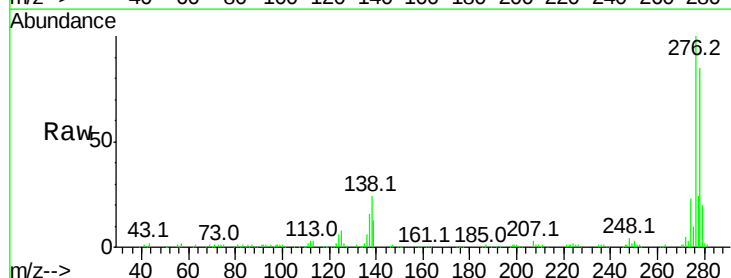
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

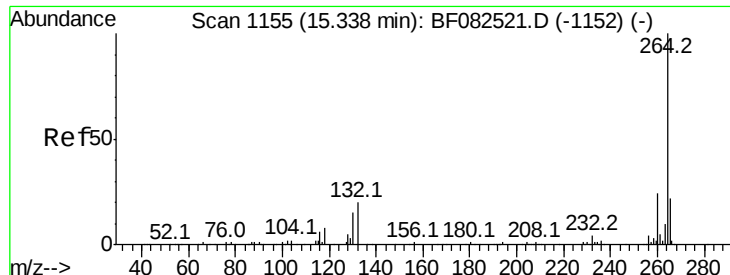
Tot Ion:149 Resp: 423083
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.5 7.7 11.5



#85
Indeno(1,2,3-cd)pyrene
Concen: 33.10 ng
RT: 16.65 min Scan# 1270
Delta R.T. -0.06 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:276 Resp: 320294
Ion Ratio Lower Upper
276 100
138 26.3 20.6 30.8
277 24.9 19.9 29.9

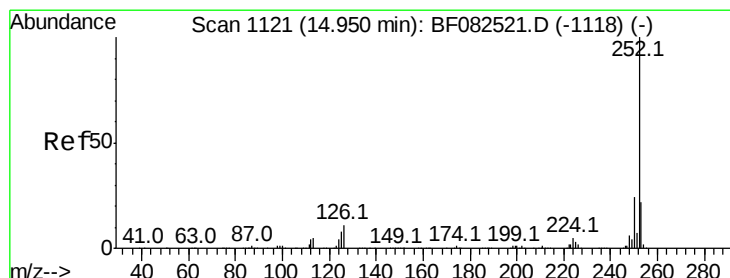
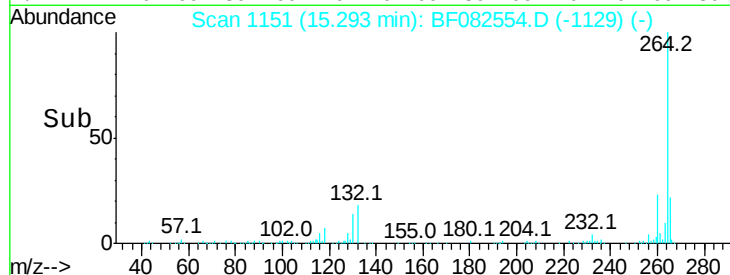
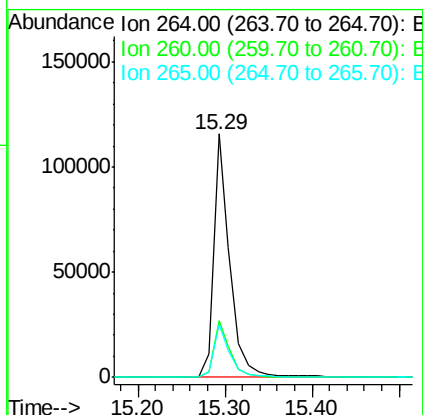
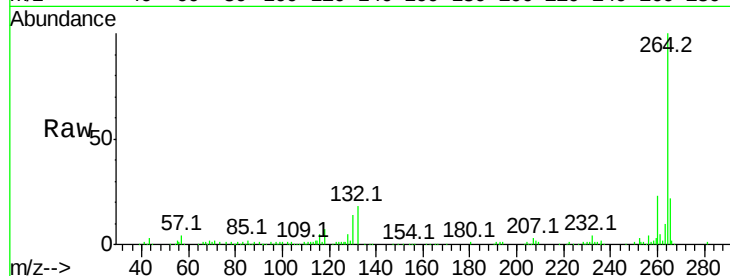




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

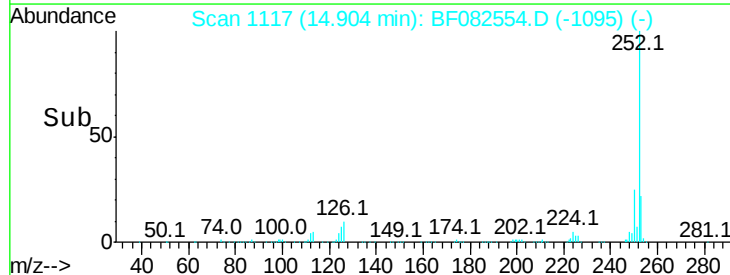
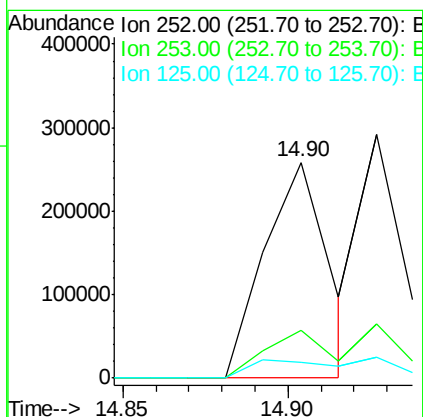
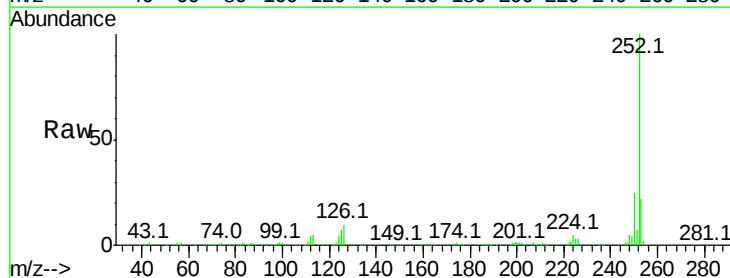
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

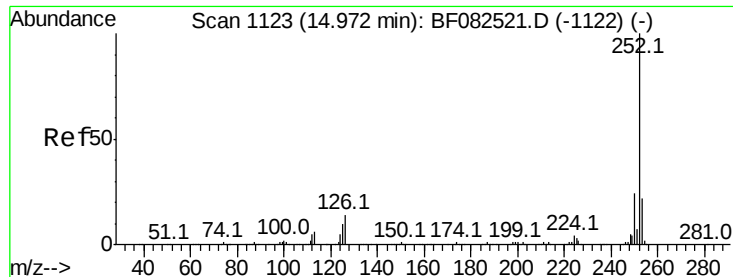
Tot Ion:264 Resp: 150362
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.6 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 38.86 ng m
RT: 14.90 min Scan# 1117
Delta R.T. -0.05 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:252 Resp: 346976
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.4 6.6 10.0

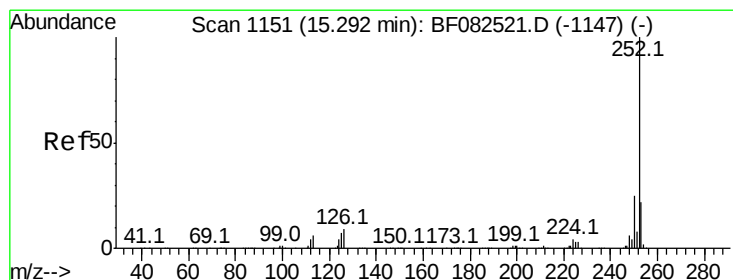
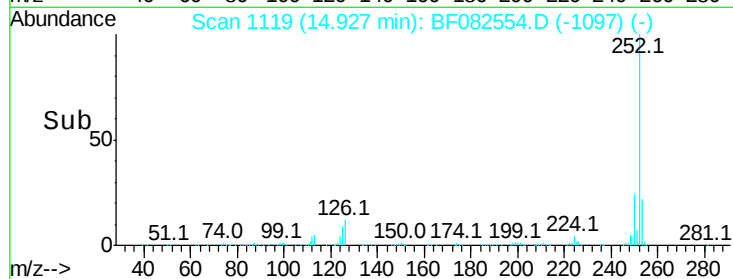
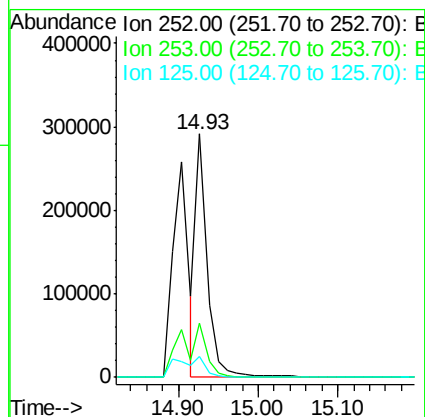
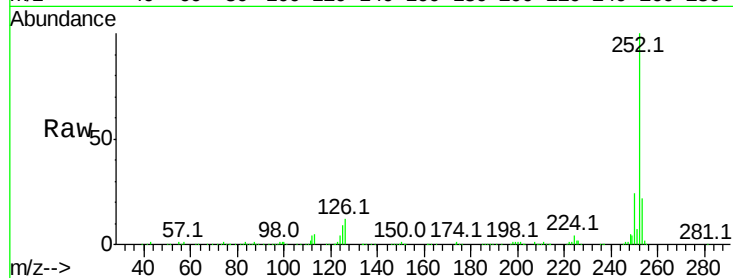




#88
Benzo(k)fluoranthene
Concen: 40.35 ng m
RT: 14.93 min Scan# 1119
Delta R.T. -0.05 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

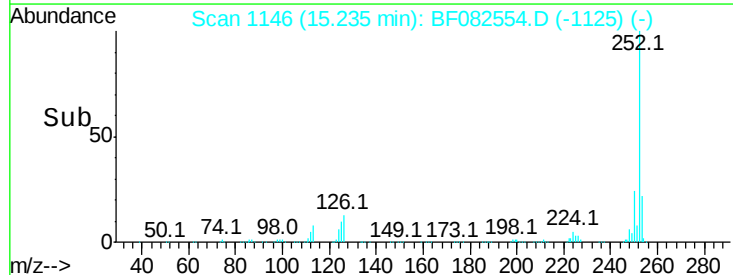
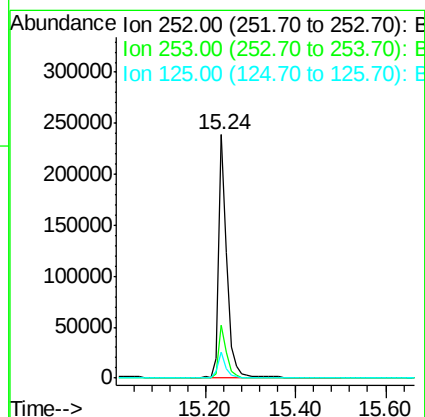
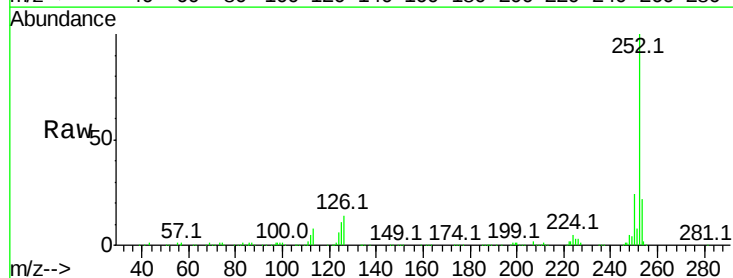
Instrument :
BNA_F
ClientSampleId :
SB-1MSD

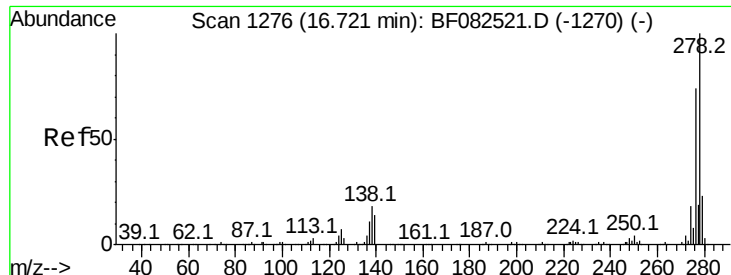
Tot Ion:252 Resp: 293731
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.7 8.7 13.1#



#89
Benzo(a)pyrene
Concen: 39.05 ng
RT: 15.24 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:252 Resp: 302113
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.6 5.9 8.9#



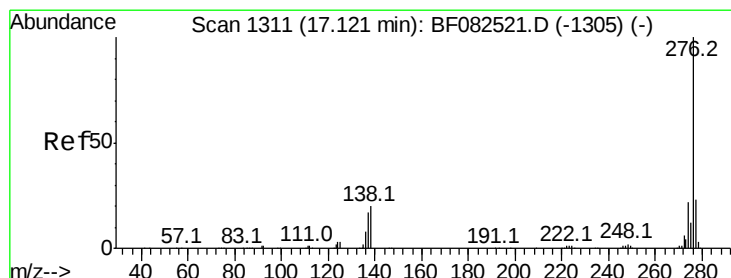
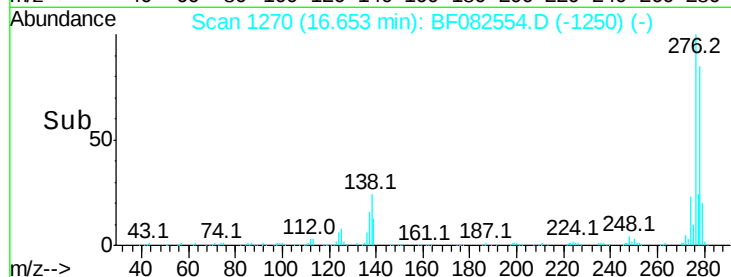
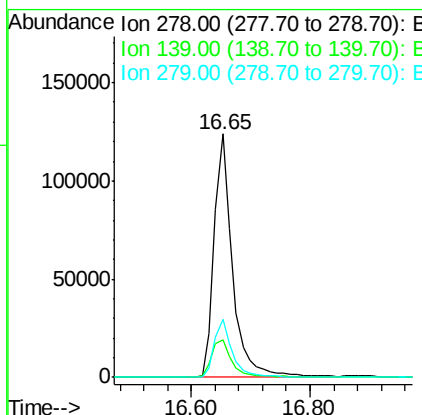
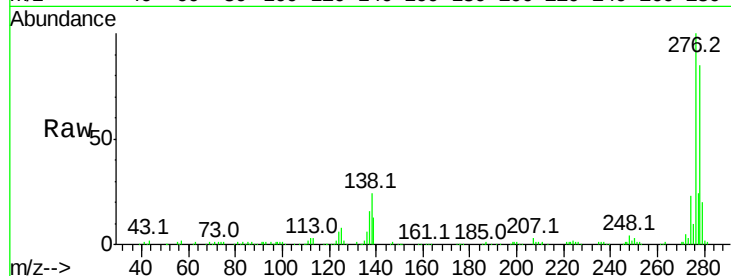


#90
Dibenzo(a,h)anthracene
Concen: 41.27 ng
RT: 16.65 min Scan# 1270
Delta R.T. -0.07 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tot Ion:278 Resp: 267086

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.6	17.4
279	23.6	18.7	28.1



#91
Benzo(g,h,i)perylene
Concen: 43.40 ng
RT: 17.05 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF082554.D
Acq: 27 Oct 2015 18:48

Tgt Ion:276 Resp: 277915

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	21.4	16.0	24.0

