

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082570.D
 Acq On : 28 Oct 2015 3:01
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 28 14:51:09 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	98189	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	393062	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	176970	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	314661	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	207739	20.00	ng	-0.03
86) Perylene-d12	15.28	264	217375	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	421822	84.81	ng	-0.01
7) Phenol-d6	6.38	99	488094	75.29	ng	0.00
23) Nitrobenzene-d5	7.29	82	468782	76.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	102326	77.22	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	956416	85.94	ng	-0.01
78) Terphenyl-d14	12.82	244	718775	99.68	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.19	88	90660	36.32	ng	96
3) Pyridine	2.88	79	246136	42.30	ng	99
4) n-Nitrosodimethylamine	2.86	42	101832	39.79	ng	97
6) Aniline	6.38	93	326317	39.95	ng	# 77
8) 2-Chlorophenol	6.50	128	240910	41.30	ng	99
9) Benzaldehyde	6.26	77	137617	43.48	ng	95
10) Phenol	6.39	94	302343	41.08	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	213978	36.64	ng	95
12) 1,3-Dichlorobenzene	6.65	146	281837m	40.50	ng	
13) 1,4-Dichlorobenzene	6.73	146	281662	39.34	ng	96
14) 1,2-Dichlorobenzene	6.88	146	260587m	39.22	ng	
15) Benzyl Alcohol	6.87	79	182126	40.36	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	305939	38.69	ng	# 32
17) 2-Methylphenol	6.99	107	189385	40.48	ng	92
18) Hexachloroethane	7.21	117	93619	38.41	ng	# 88
19) n-Nitroso-di-n-propylamine	7.14	70	177870	42.12	ng	99
20) 3+4-Methylphenols	7.15	107	243635	40.76	ng	95
22) Acetophenone	7.13	105	327985	38.46	ng	# 96
24) Nitrobenzene	7.31	77	266279	39.14	ng	97
25) Isophorone	7.54	82	452169	37.36	ng	94
26) 2-Nitrophenol	7.62	139	129186	39.31	ng	# 68
27) 2,4-Dimethylphenol	7.68	122	208890	39.11	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	266672	37.57	ng	99
29) 2,4-Dichlorophenol	7.87	162	212388	39.86	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	232216	38.55	ng	97
31) Naphthalene	8.02	128	675921	37.63	ng	99
32) Benzoic acid	7.83	122	97047	32.43	ng	97
33) 4-Chloroaniline	8.09	127	275614	39.58	ng	98
34) Hexachlorobutadiene	8.14	225	140099	40.21	ng	99
35) Caprolactam	8.48	113	51790	34.97	ng	94
36) 4-Chloro-3-methylphenol	8.58	107	205846	39.73	ng	94
37) 2-Methylnaphthalene	8.72	142	452300	37.27	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	226247	42.35	ng	99
40) Hexachlorocyclopentadiene	8.86	237	9622	17.90	ng	99

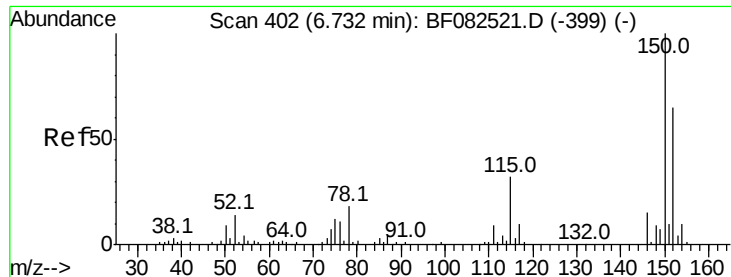
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	143477	43.09	nq	97
43) 2,4,5-Trichlorophenol	9.05	196	145895	41.78	nq	95
45) 1,1'-Biphenyl	9.18	154	544386	41.33	nq	97
46) 2-Chloronaphthalene	9.21	162	427756	41.21	nq	95
47) 2-Nitroaniline	9.31	65	122915	40.77	nq	96
48) Acenaphthylene	9.62	152	677435	40.75	nq	98
49) Dimethylphthalate	9.49	163	510639	41.47	nq	99
50) 2,6-Dinitrotoluene	9.57	165	105616	39.12	nq	# 88
51) Acenaphthene	9.78	154	384119	40.29	nq	99
52) 3-Nitroaniline	9.74	138	123875	42.28	nq	93
53) 2,4-Dinitrophenol	9.86	184	9675	14.80	nq	# 92
54) Dibenzofuran	9.97	168	562317	40.42	nq	92
55) 4-Nitrophenol	9.93	139	20442m	24.55	nq	
56) 2,4-Dinitrotoluene	9.97	165	145972	44.58	nq	# 70
57) Fluorene	10.30	166	448828	39.30	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	100257	37.51	nq	95
59) Diethylphthalate	10.18	149	499511	41.68	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	233745	43.52	nq	# 89
61) 4-Nitroaniline	10.35	138	114020	38.86	nq	93
62) Azobenzene	10.46	77	480978	41.55	nq	89
64) 4,6-Dinitro-2-methylphenol	10.38	198	44523	24.12	nq	84
65) n-Nitrosodiphenylamine	10.42	169	437973	46.01	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	125998	42.67	nq	# 72
67) Hexachlorobenzene	10.85	284	133362	42.35	nq	# 86
68) Atrazine	10.95	200	114877	38.98	nq	98
69) Pentachlorophenol	11.06	266	27777	26.96	nq	99
70) Phenanthrene	11.26	178	631899	39.02	nq	99
71) Anthracene	11.31	178	664639	40.76	nq	100
72) Carbazole	11.47	167	551586	38.35	nq	98
73) Di-n-butylphthalate	11.81	149	761241	44.38	nq	# 98
74) Fluoranthene	12.45	202	567053	34.11	nq	99
76) Benzidine	12.58	184	268158	47.04	nq	98
77) Pyrene	12.67	202	565916	44.29	nq	99
79) Butylbenzylphthalate	13.29	149	239498	44.58	nq	97
80) Benzo(a)anthracene	13.86	228	442747	39.75	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	163423	42.32	nq	# 94
82) Chrysene	13.91	228	429734	40.85	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	325051	45.18	nq	# 98
84) Di-n-octyl phthalate	14.46	149	508563	42.83	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	510487	52.82	nq	99
87) Benzo(b)fluoranthene	14.89	252	525717m	40.72	nq	
88) Benzo(k)fluoranthene	14.92	252	389095m	36.97	nq	
89) Benzo(a)pyrene	15.22	252	437138	39.09	nq	# 96
90) Dibenzo(a,h)anthracene	16.64	278	430057	45.96	nq	98
91) Benzo(g,h,i)perylene	17.04	276	409986	44.28	nq	98

(#) = 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

Lab File: BF082570.D

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SSTDCCC040

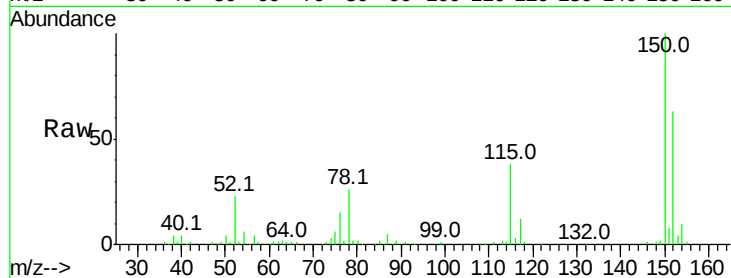
Tot Ion:152 Resp: 98189

Ion Ratio Lower Upper

152 100

150 157.5 123.4 185.0

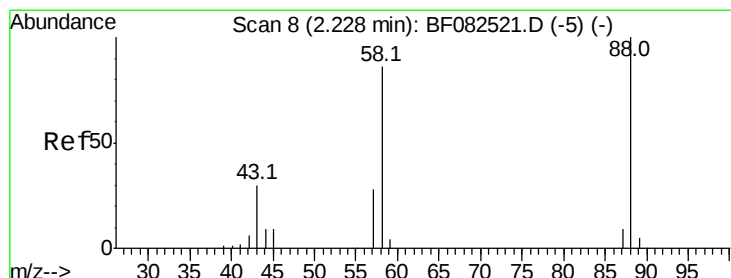
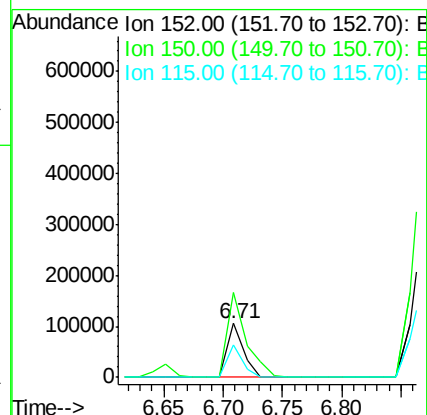
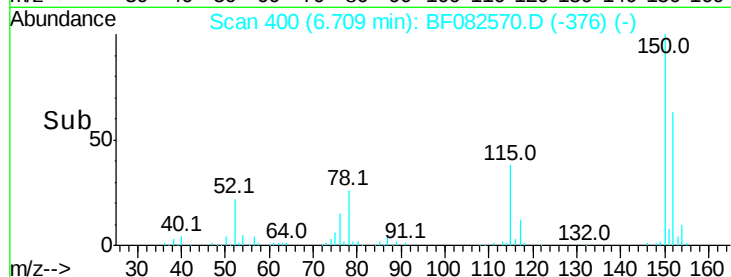
115 60.4 39.0 58.4#



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: 36.32 ng

RT: 2.19 min Scan# 5

Delta R.T. -0.03 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

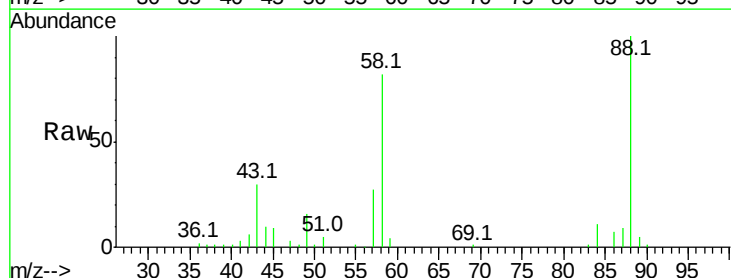
Tgt Ion: 88 Resp: 90660

Ion Ratio Lower Upper

88 100

58 81.8 63.0 94.4

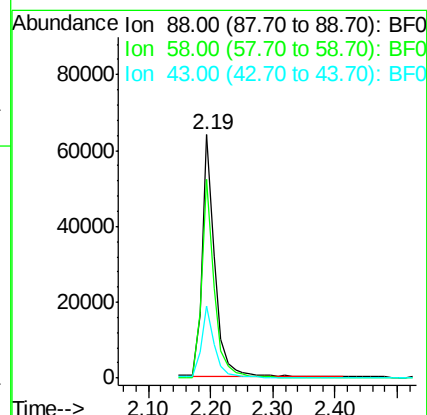
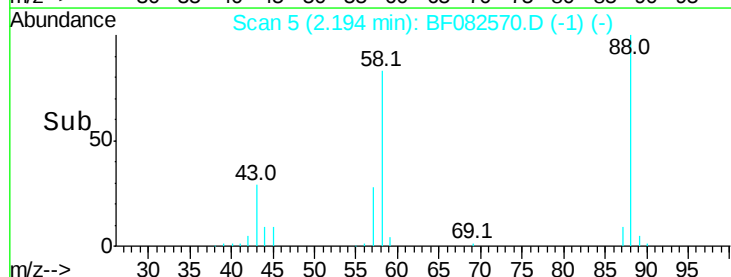
43 31.2 22.5 33.7

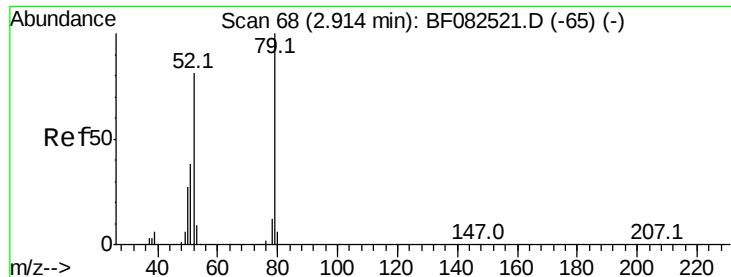


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

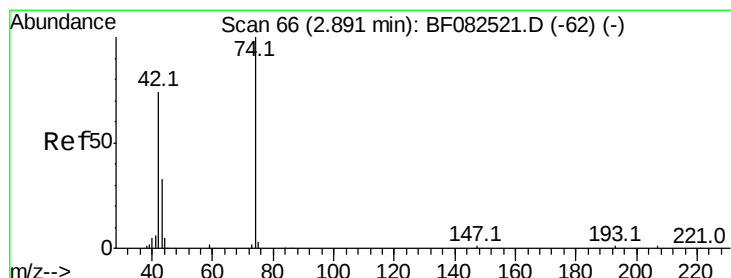
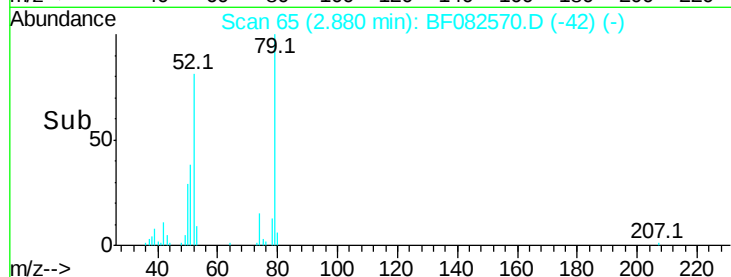
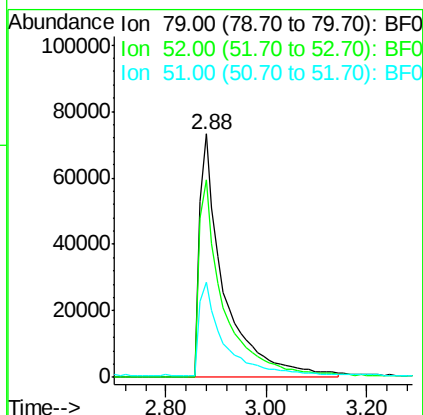
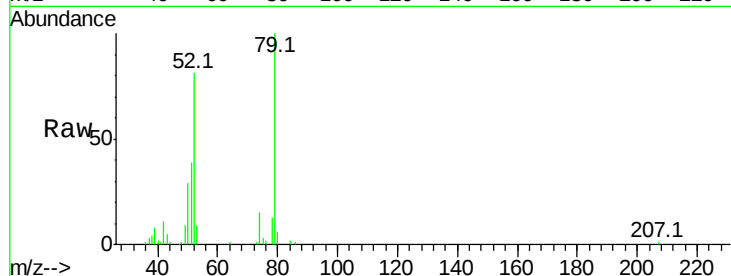




#3
 Pvridine
 Concen: 42.30 ng
 RT: 2.88 min Scan# 65
 Delta R.T. -0.03 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

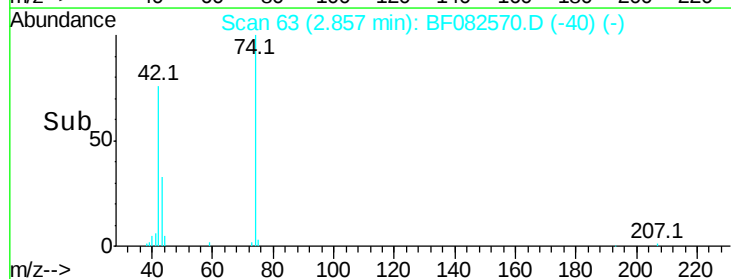
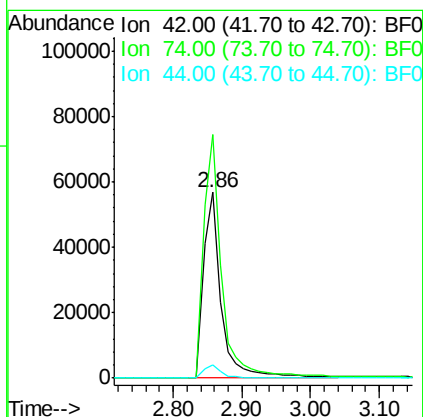
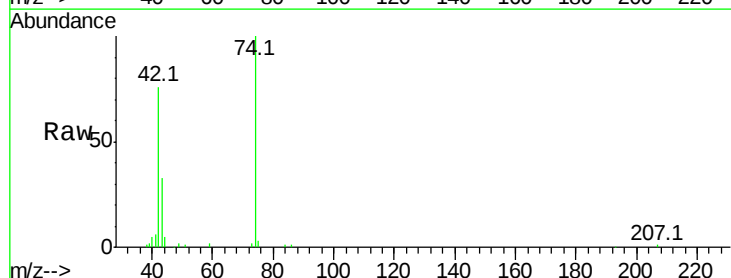
Instrument :
 BNA_F
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 SSTDCCC040

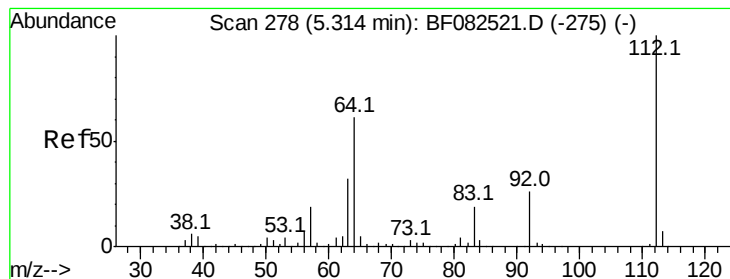
Tot Ion: 79 Resp: 246136
 Ion Ratio Lower Upper
 79 100
 52 81.2 64.4 96.6
 51 39.0 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 39.79 ng
 RT: 2.86 min Scan# 63
 Delta R.T. -0.03 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion: 42 Resp: 101832
 Ion Ratio Lower Upper
 42 100
 74 131.1 108.3 162.5
 44 7.2 5.5 8.3

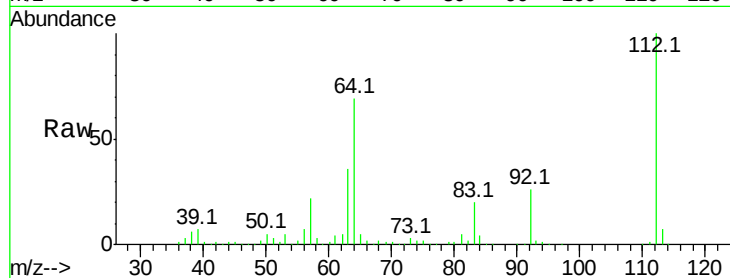




#5
 2-Fluorophenol
 Concen: 84.81 ng
 RT: 5.30 min Scan# 277
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

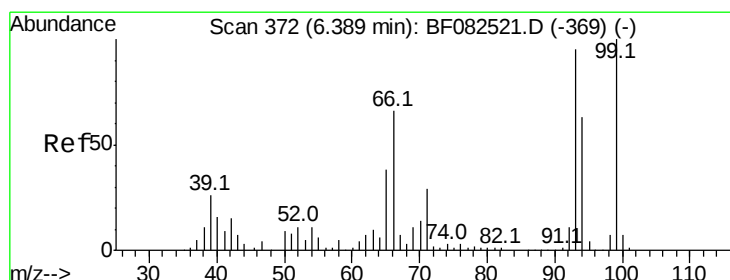
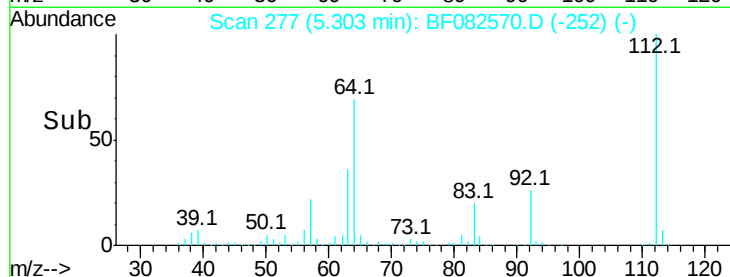
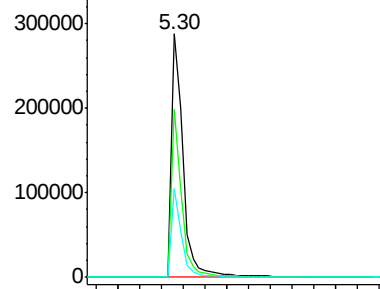
Tot Ion	Ratio	Lower	Upper
112	100		
64	69.2	49.0	73.4
63	36.2	25.8	38.6



Abundance Ion 112.00 (111.70 to 112.70): E

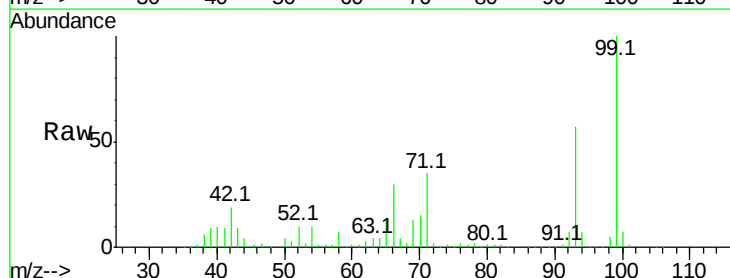
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6
 Aniline
 Concen: 39.95 ng
 RT: 6.38 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

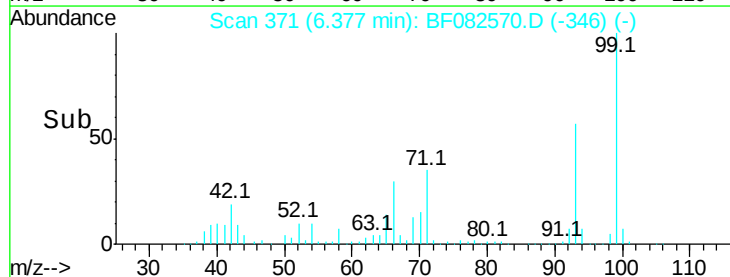
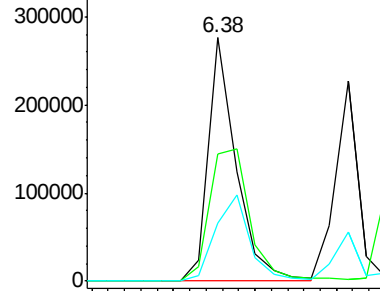
Tgt Ion	Ratio	Lower	Upper
93	100		
66	52.2	55.9	83.9#
65	23.9	31.8	47.6#

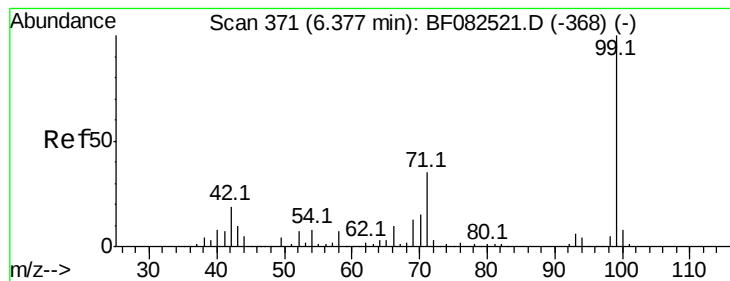


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.29 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

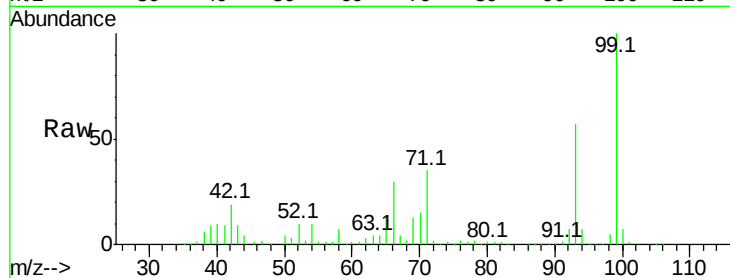
Tot Ion: 99 Resp: 488094

Ion Ratio Lower Upper

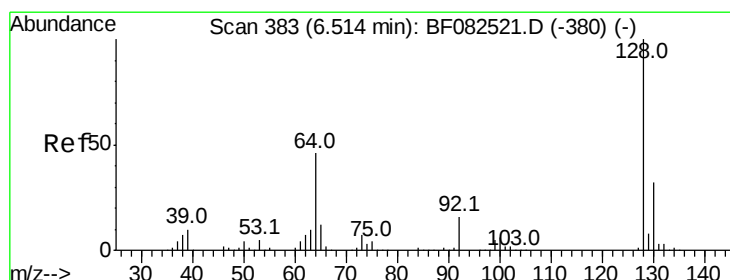
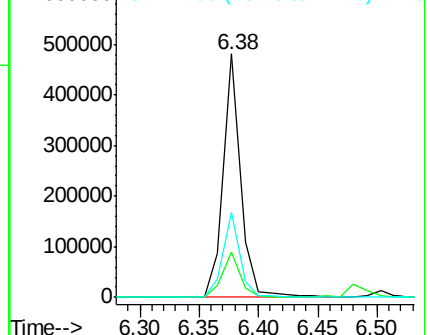
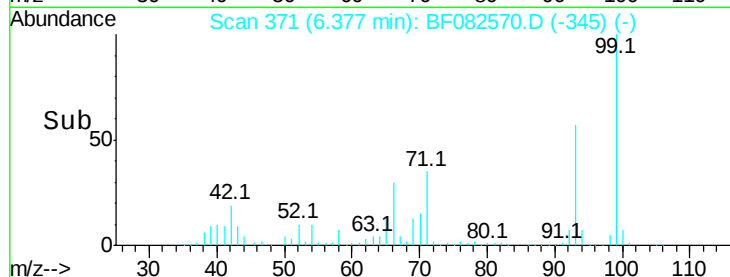
99 100

42 18.7 15.1 22.7

71 35.1 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: 41.30 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

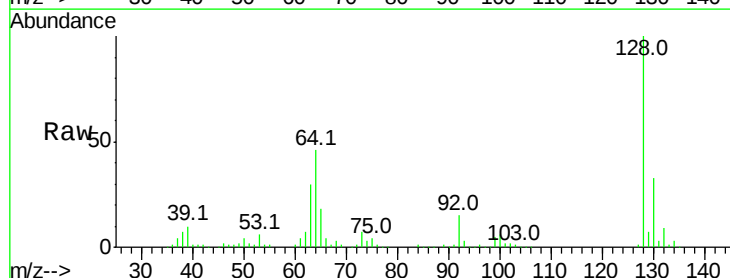
Tgt Ion:128 Resp: 240910

Ion Ratio Lower Upper

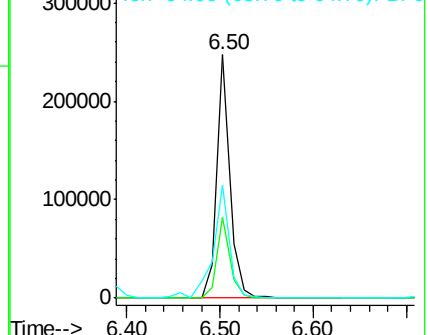
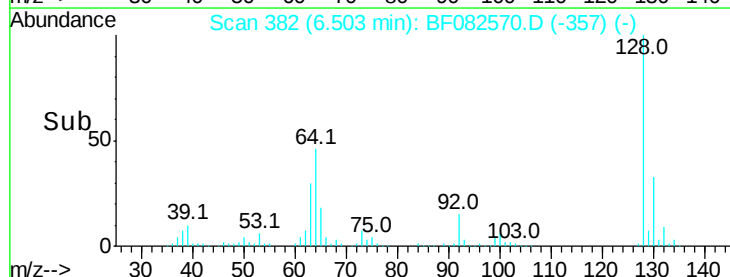
128 100

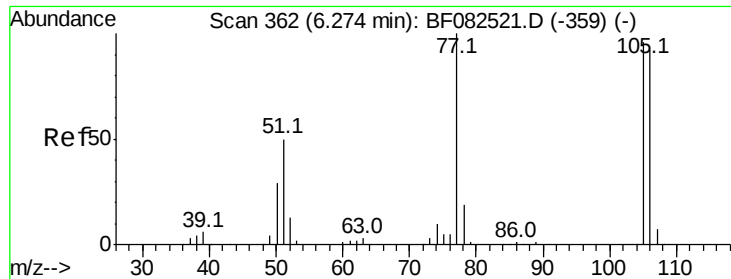
130 33.1 12.1 52.1

64 46.3 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

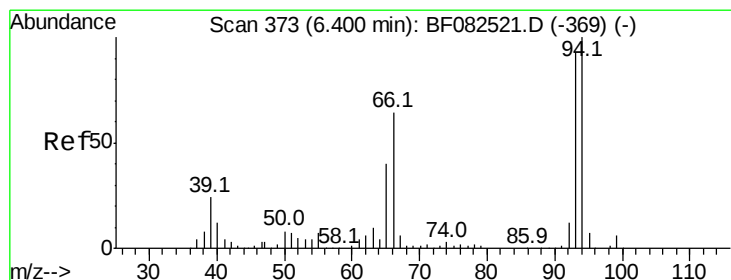
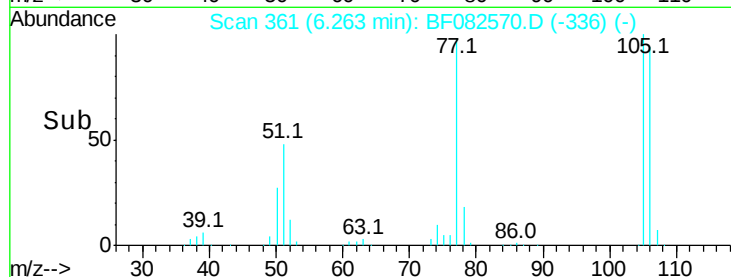
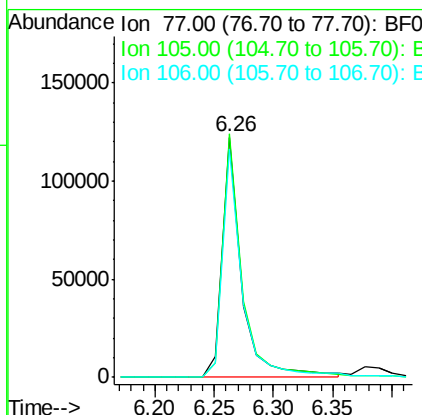
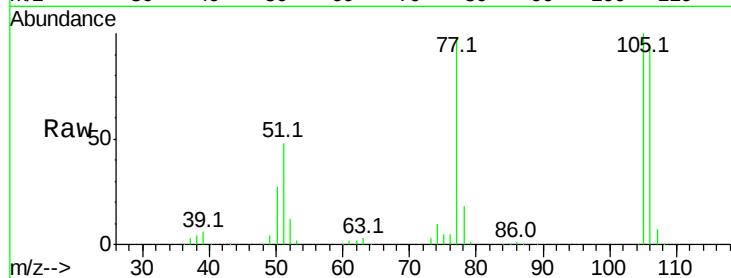




#9
Benzaldehyde
Concen: 43.48 ng
RT: 6.26 min Scan# 361
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

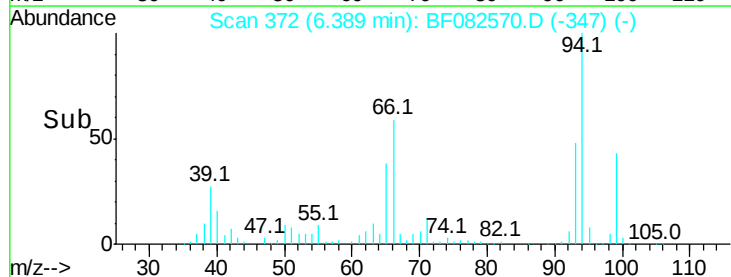
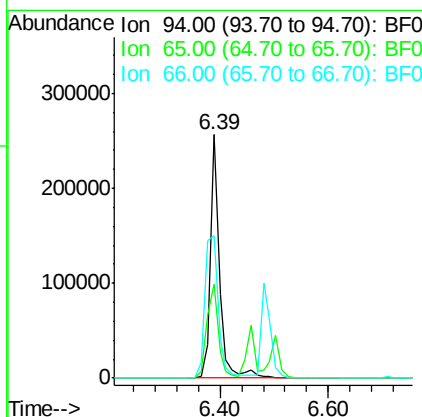
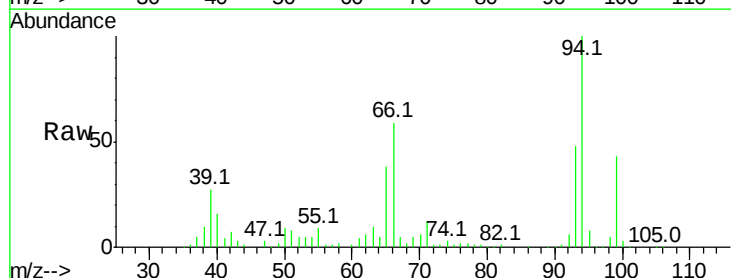
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

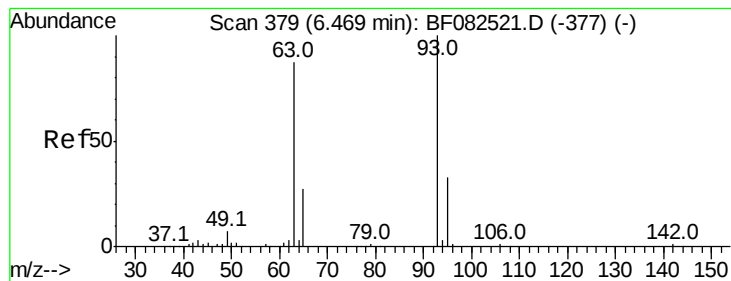
Tot Ion: 77 Resp: 137617
Ion Ratio Lower Upper
77 100
105 101.5 75.9 115.9
106 95.4 71.8 111.8



#10
Phenol
Concen: 41.08 ng
RT: 6.39 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion: 94 Resp: 302343
Ion Ratio Lower Upper
94 100
65 38.4 19.9 59.9
66 58.7 44.1 84.1

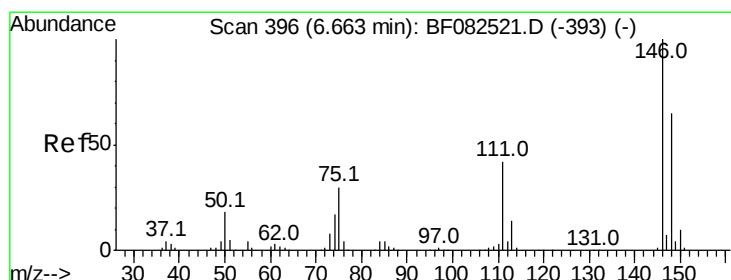
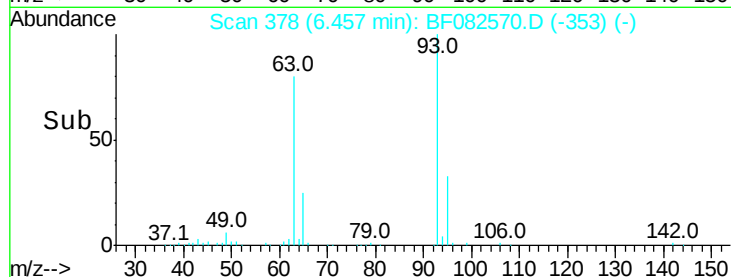
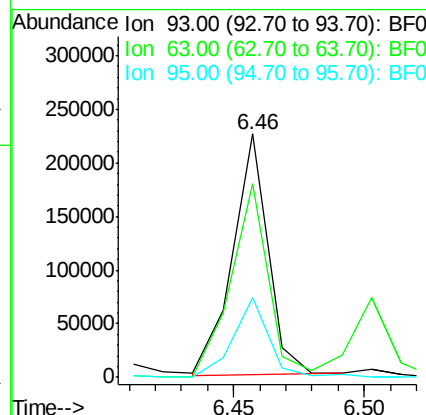
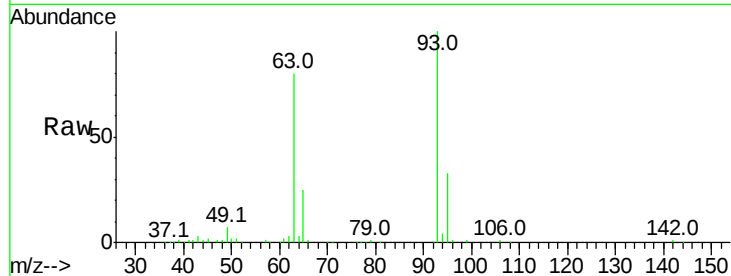




#11
bis(2-Chloroethyl)ether
Concen: 36.64 ng
RT: 6.46 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

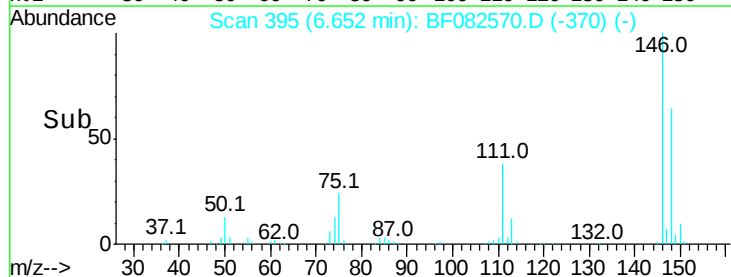
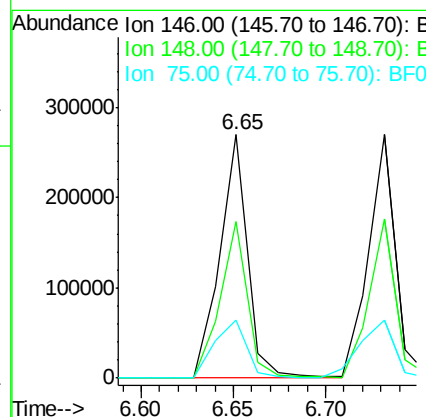
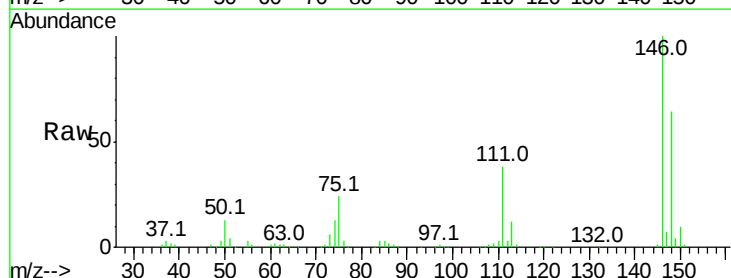
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

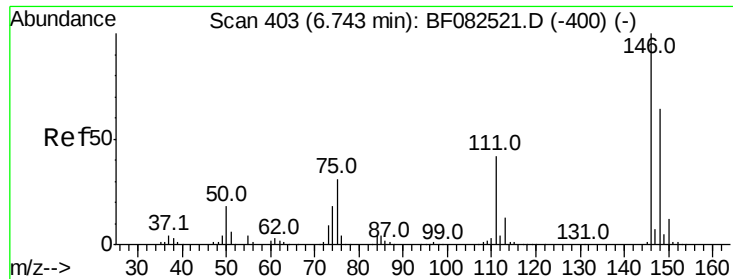
Tot Ion: 93 Resp: 213978
Ion Ratio Lower Upper
93 100
63 79.8 65.2 105.2
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.50 ng m
RT: 6.65 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion: 146 Resp: 281837
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 23.7 24.3 36.5#

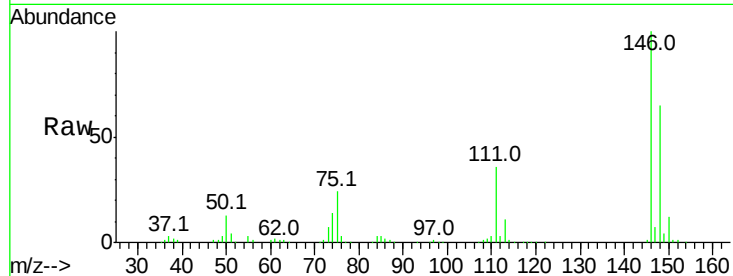




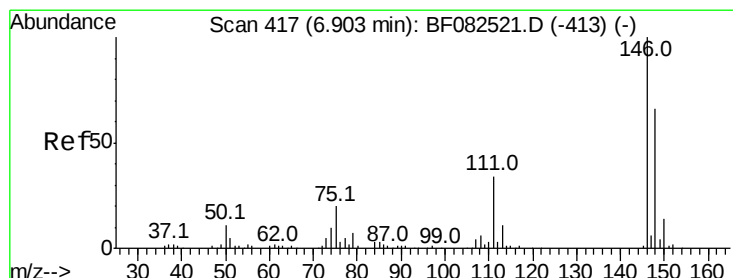
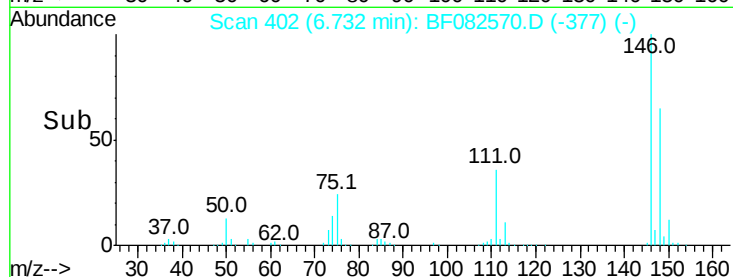
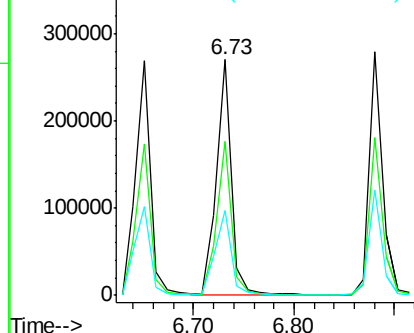
#13
 1,4-Dichlorobenzene
 Concen: 39.34 ng
 RT: 6.73 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 281662
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.4 77.0
 111 36.0 33.3 49.9

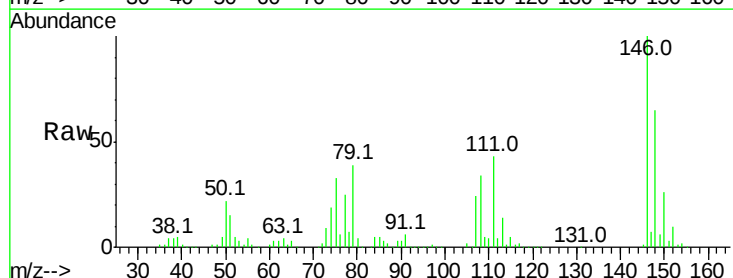


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

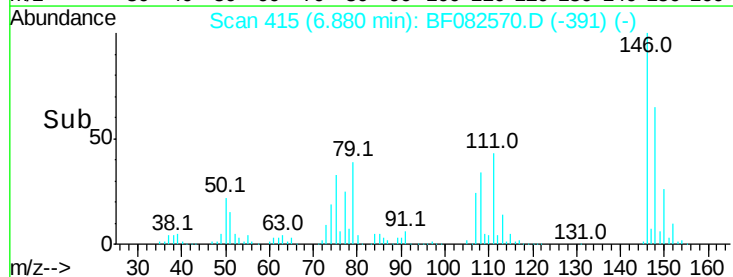
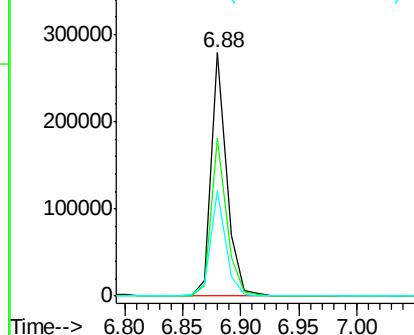


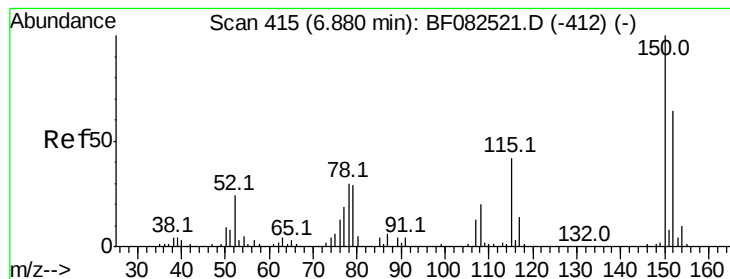
#14
 1,2-Dichlorobenzene
 Concen: 39.22 ng m
 RT: 6.88 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:146 Resp: 260587
 Ion Ratio Lower Upper
 146 100
 148 64.8 53.0 79.4
 111 43.4 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: 40.36 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

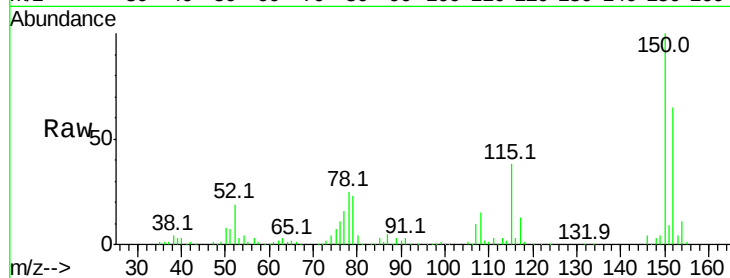
Tot Ion: 79 Resp: 182126

Ion Ratio Lower Upper

79 100

108 66.8 55.0 82.6

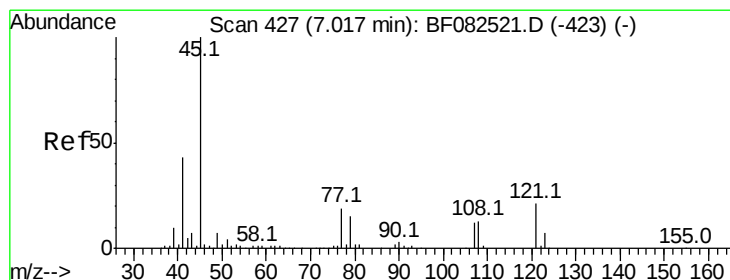
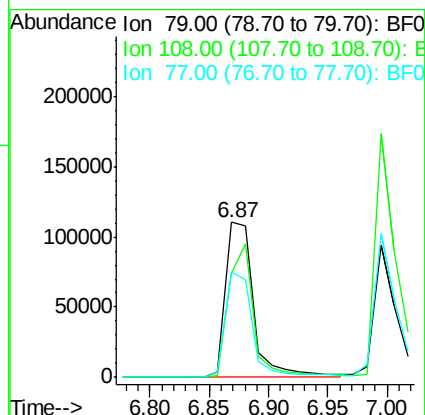
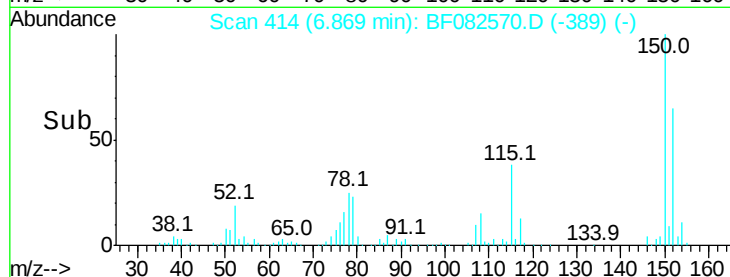
77 68.2 52.5 78.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.69 ng

RT: 6.99 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

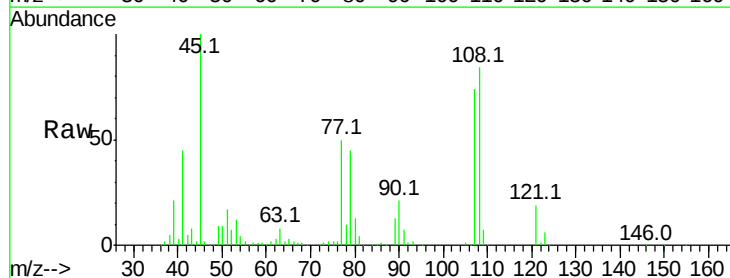
Tgt Ion: 45 Resp: 305939

Ion Ratio Lower Upper

45 100

77 49.5 0.0 39.3#

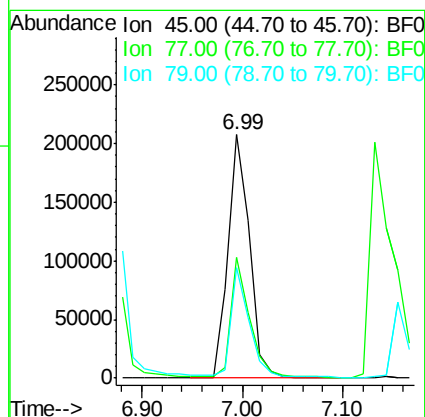
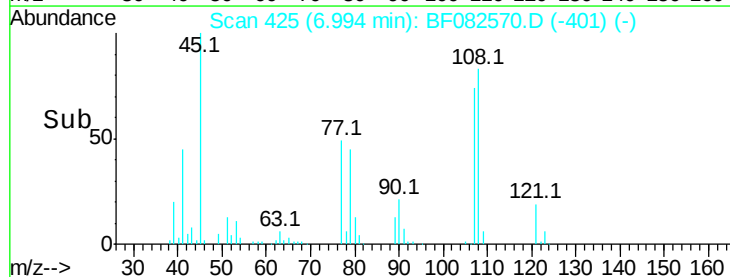
79 45.2 0.0 35.7#

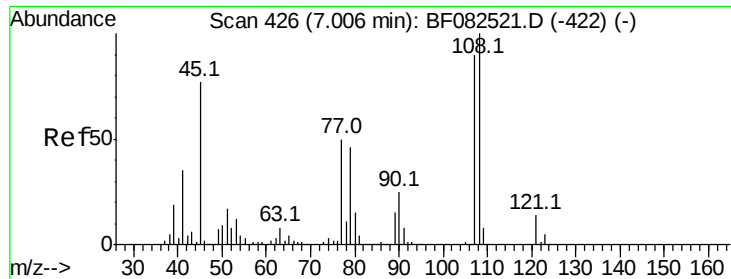


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.48 ng

RT: 6.99 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 189385

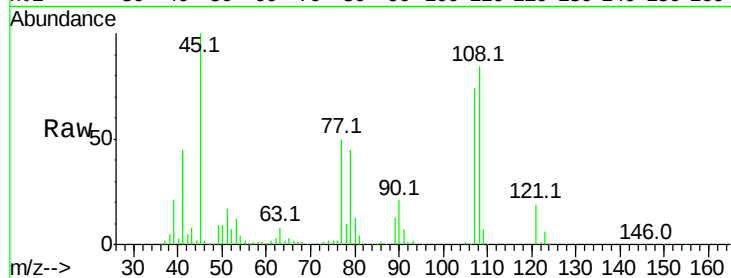
Ion Ratio Lower Upper

107 100

108 113.3 89.4 134.2

77 67.2 44.8 67.2

79 61.4 42.1 63.1

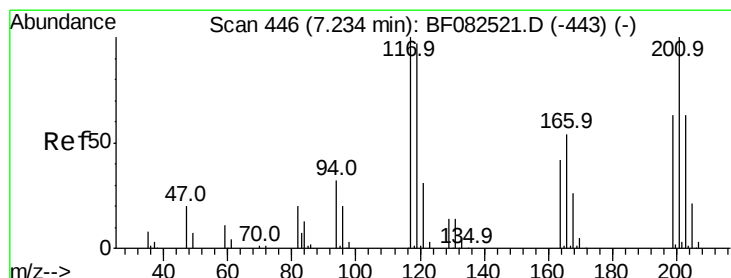
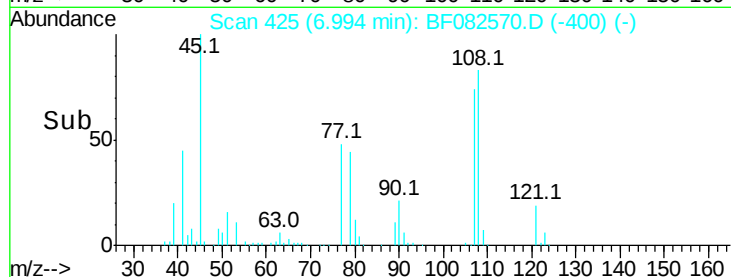
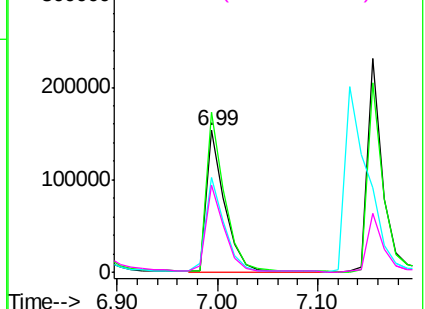


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.41 ng

RT: 7.21 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

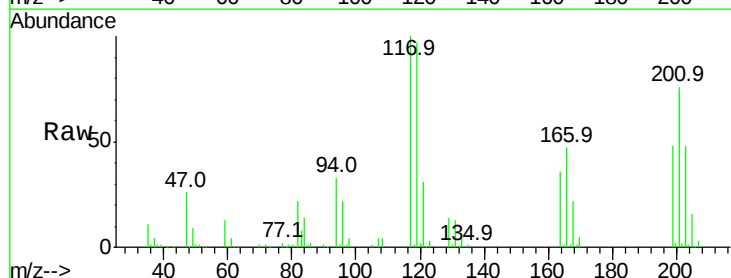
Tgt Ion:117 Resp: 93619

Ion Ratio Lower Upper

117 100

119 96.5 77.5 116.3

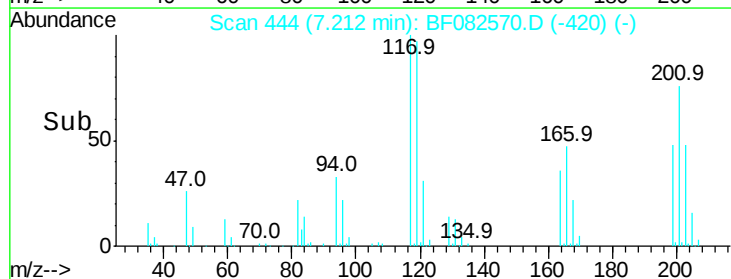
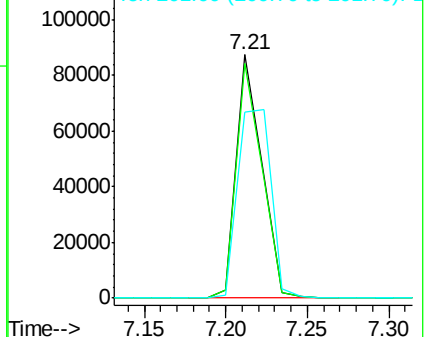
201 76.2 80.1 120.1#

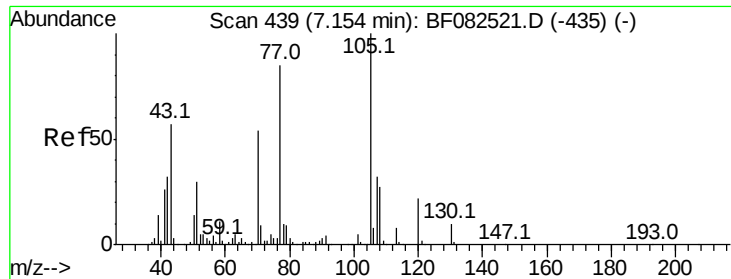


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

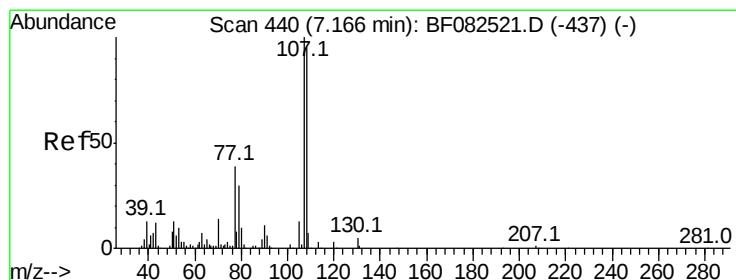
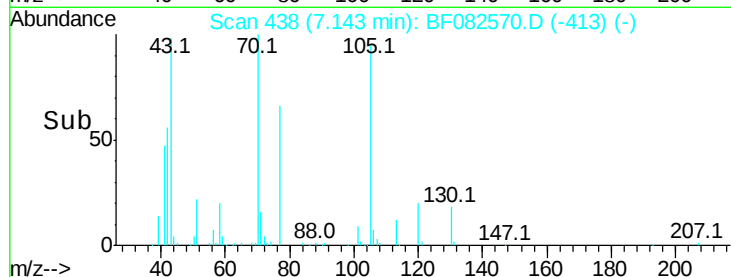
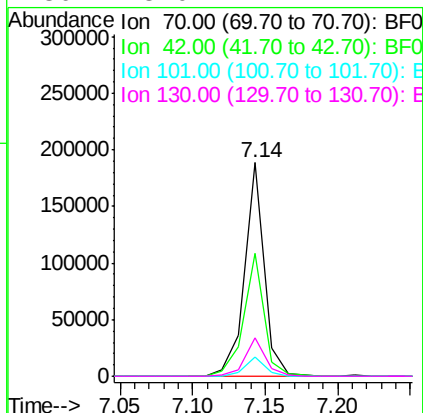
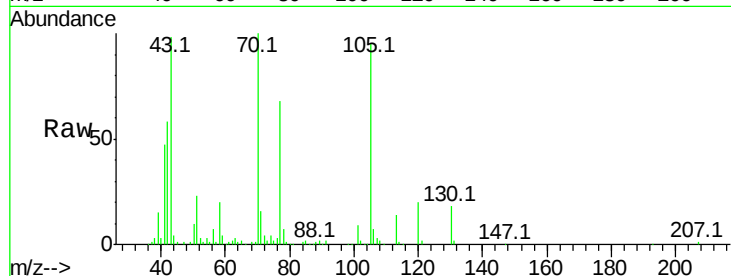




#19
n-Nitroso-di-n-propylamine
Concen: 42.12 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

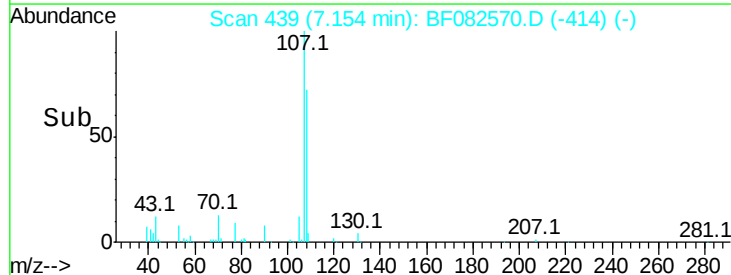
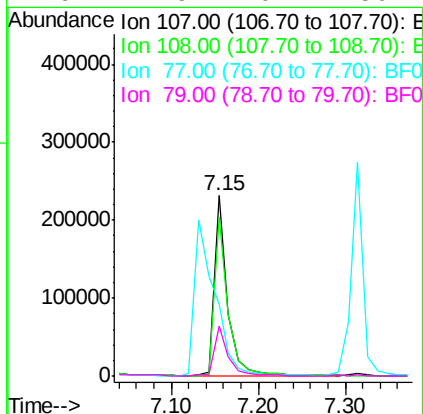
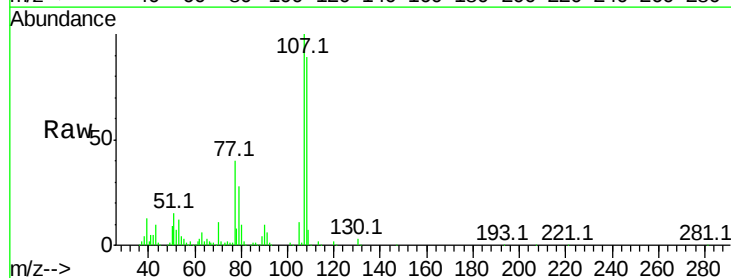
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

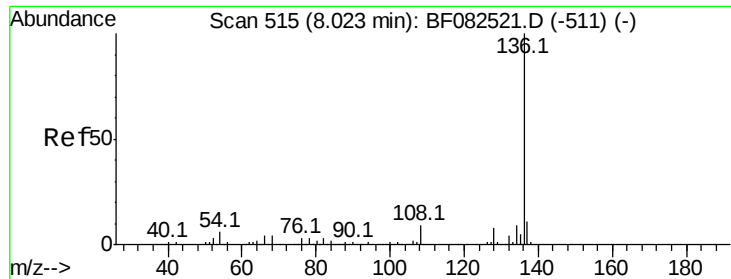
Tot Ion: 70 Resp: 177870
Ion Ratio Lower Upper
70 100
42 57.6 46.9 70.3
101 8.9 7.4 11.2
130 18.0 14.2 21.4



#20
3+4-Methylphenols
Concen: 40.76 ng
RT: 7.15 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion: 107 Resp: 243635
Ion Ratio Lower Upper
107 100
108 88.5 74.8 114.8
77 39.8 20.3 60.3
79 27.9 10.2 50.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 393062

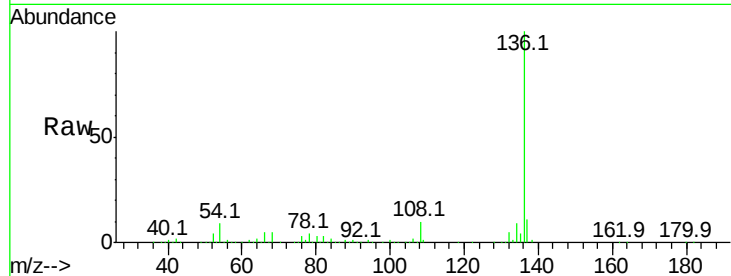
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.6 4.6 7.0#

68 5.2 3.2 4.8#

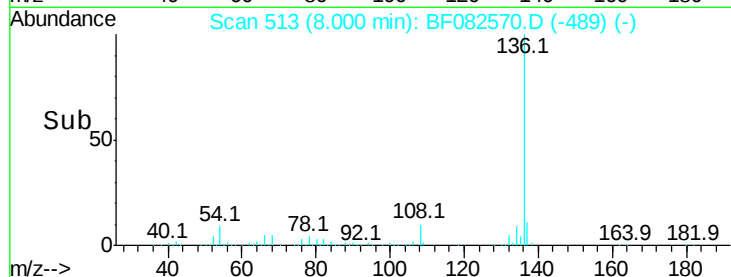


Abundance Ion 136.00 (135.70 to 136.70): E

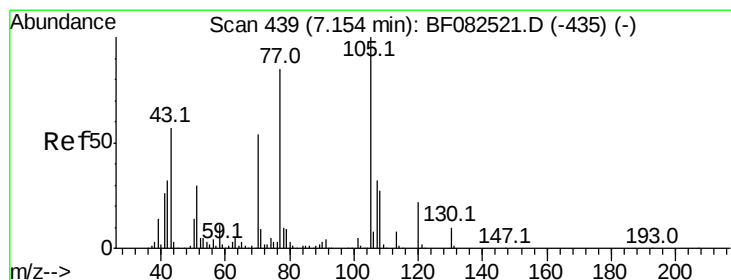
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.90 8.00 8.10



#22

Acetophenone

Concen: 38.46 ng

RT: 7.13 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Tgt Ion:105 Resp: 327985

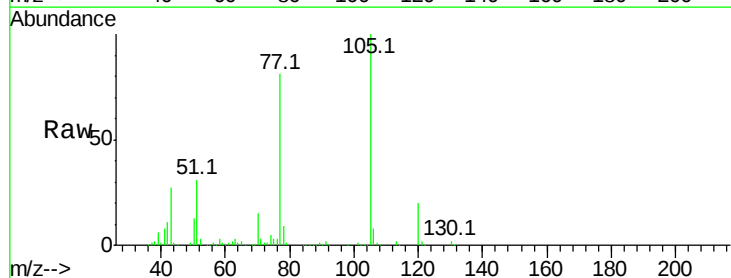
Ion Ratio Lower Upper

105 100

71 2.5 7.1 10.7#

51 30.6 24.4 36.6

120 20.2 17.3 25.9

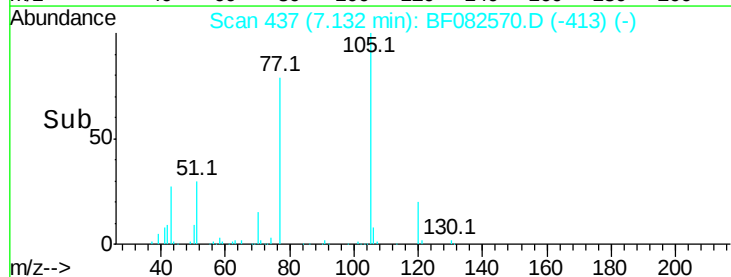


Abundance Ion 105.00 (104.70 to 105.70): E

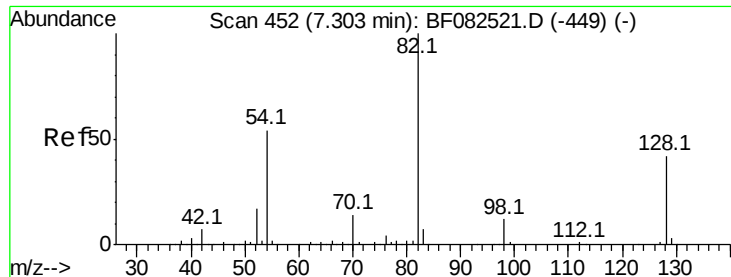
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



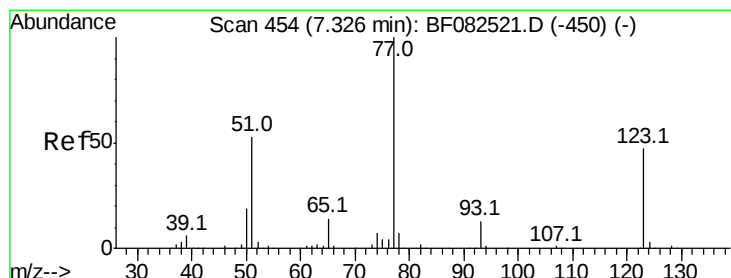
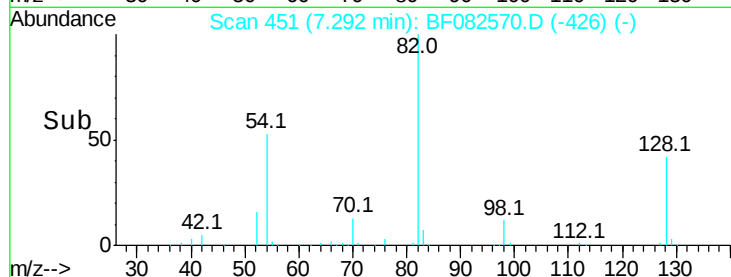
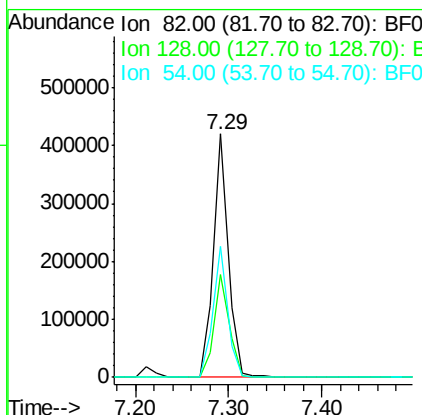
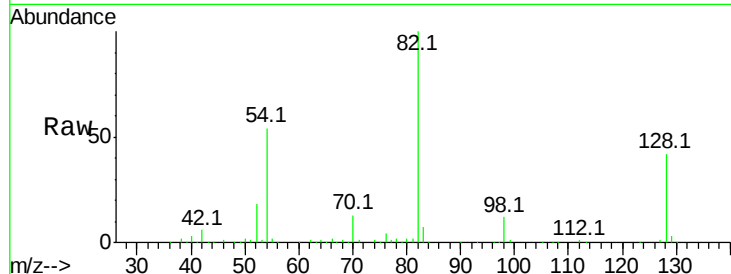
Time--> 7.00 7.10 7.20 7.30 7.40



#23
Nitrobenzene-d5
Concen: 76.94 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

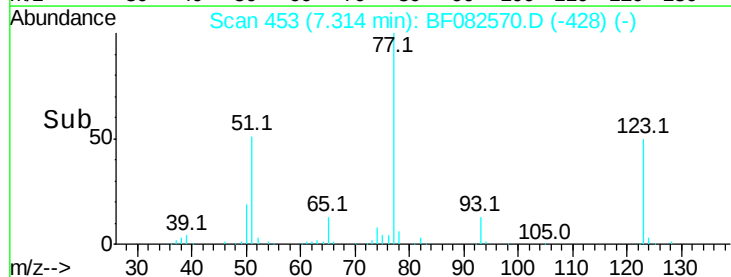
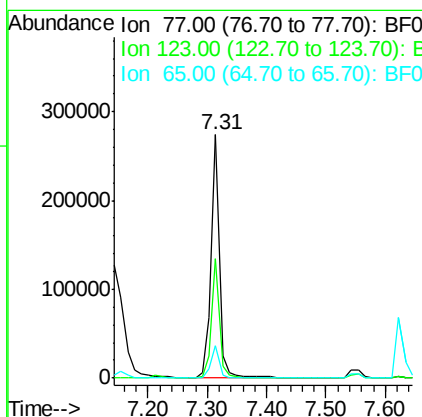
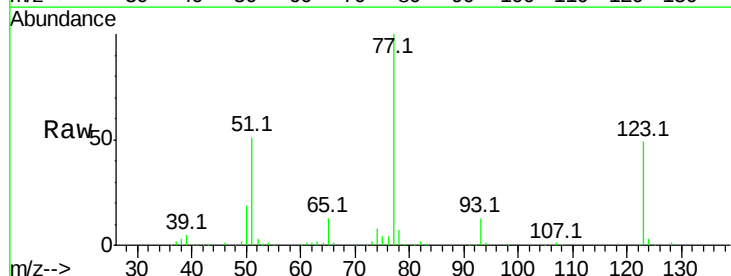
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

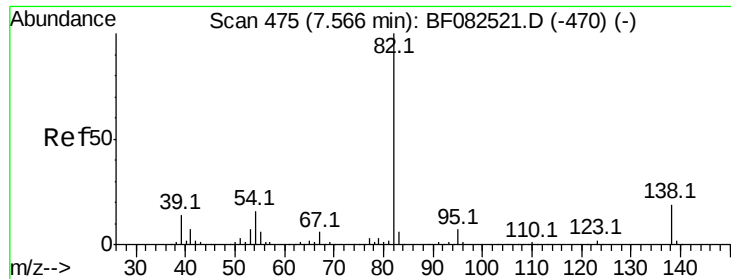
Tot Ion: 82 Resp: 468782
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.0
54 53.6 43.5 65.3



#24
Nitrobenzene
Concen: 39.14 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion: 77 Resp: 266279
Ion Ratio Lower Upper
77 100
123 49.3 37.4 56.0
65 13.4 11.0 16.4





#25

Isophorone

Concen: 37.36 ng

RT: 7.54 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

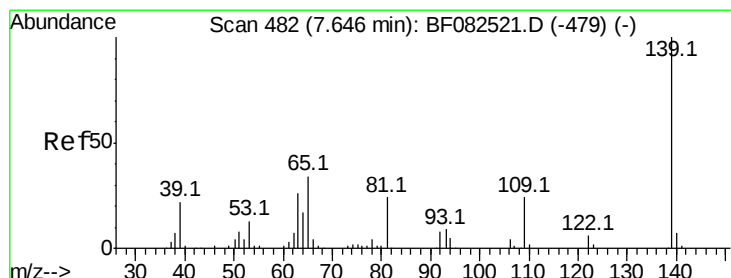
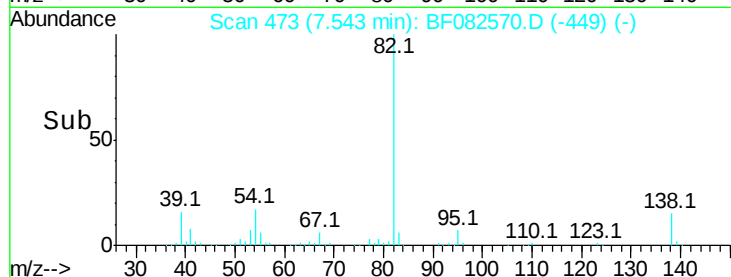
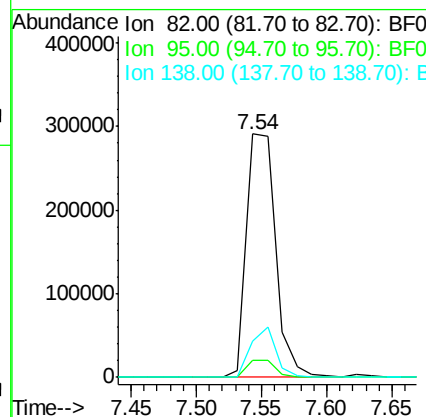
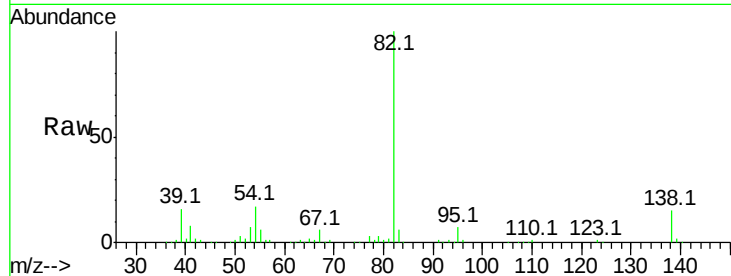
Tot Ion: 82 Resp: 452169

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 15.0 15.0 22.4



#26

2-Nitrophenol

Concen: 39.31 ng

RT: 7.62 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

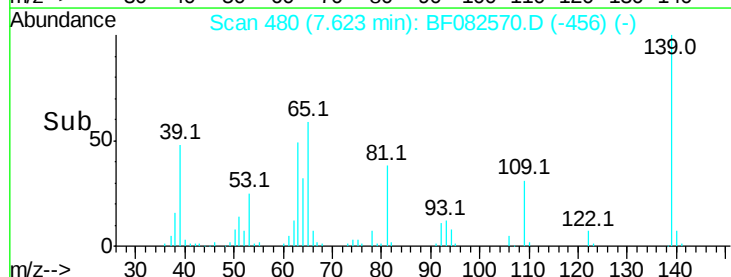
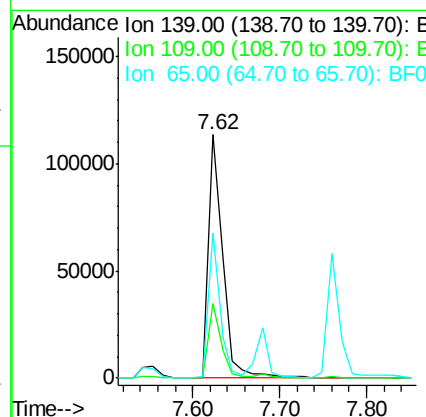
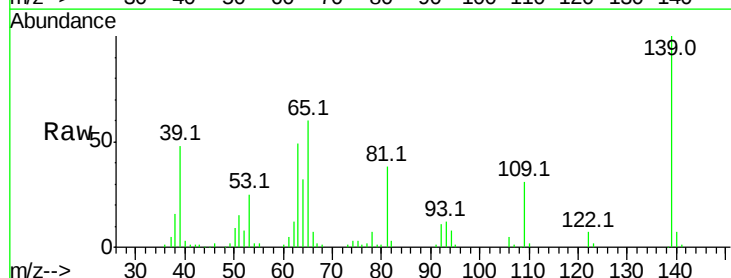
Tgt Ion:139 Resp: 129186

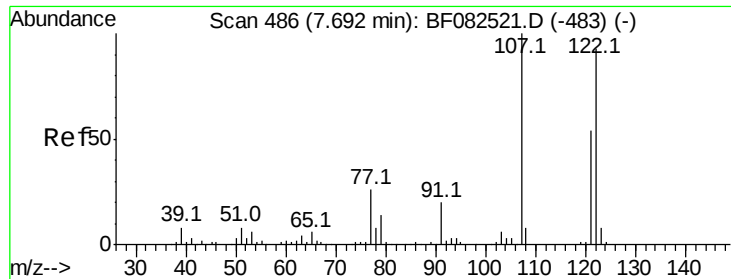
Ion Ratio Lower Upper

139 100

109 30.7 19.3 28.9#

65 59.7 27.1 40.7#

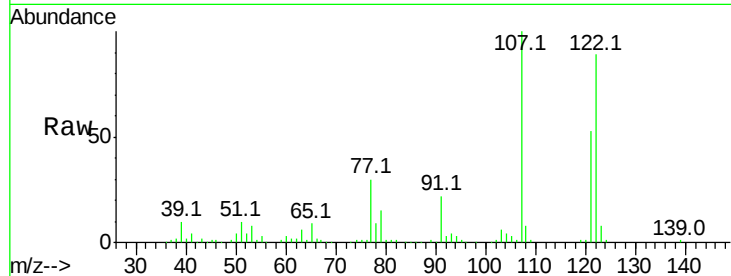




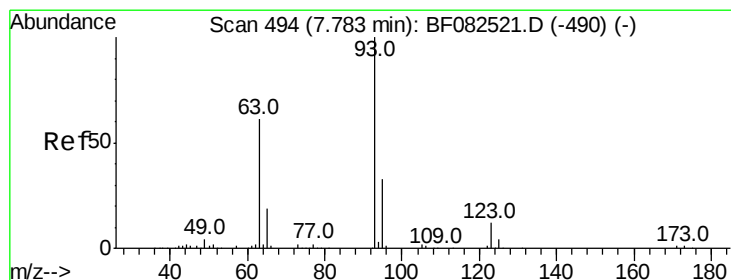
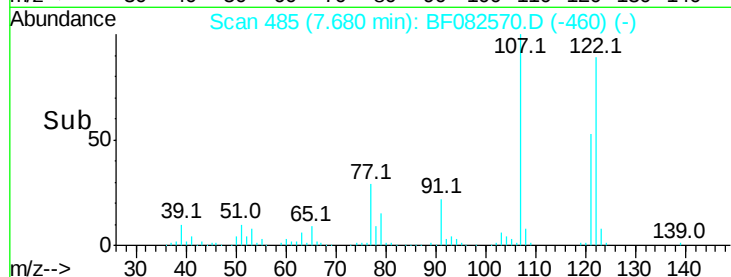
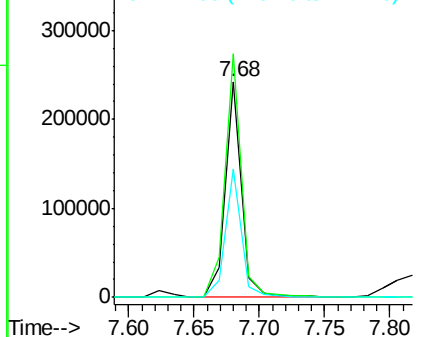
#27
2,4-Dimethylphenol
Concen: 39.11 ng
RT: 7.68 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 208890
Ion Ratio Lower Upper
122 100
107 112.9 85.8 128.8
121 59.5 46.2 69.2

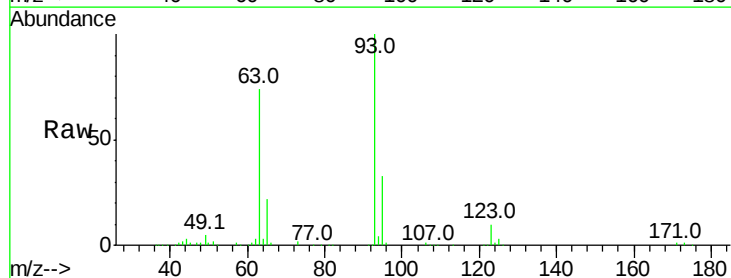


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

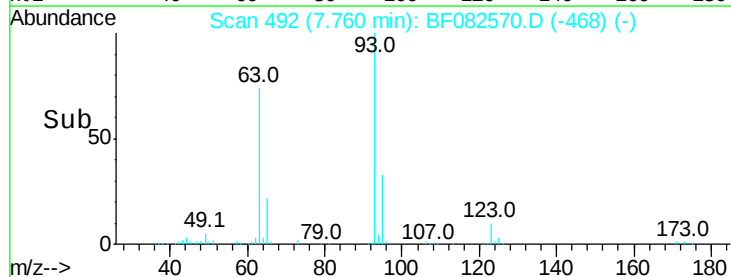
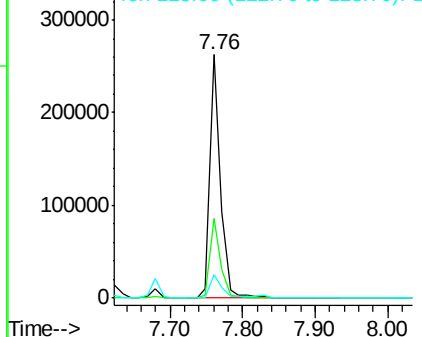


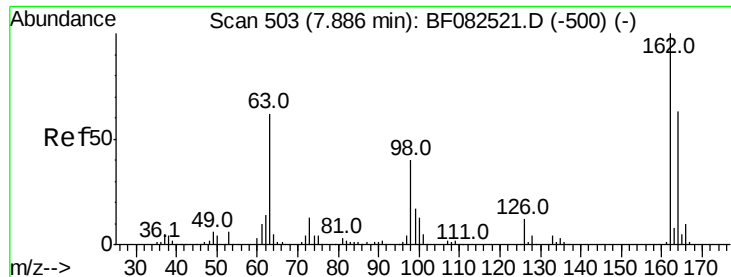
#28
bis(2-Chloroethoxy)methane
Concen: 37.57 ng
RT: 7.76 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion: 93 Resp: 266672
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.2
123 9.7 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

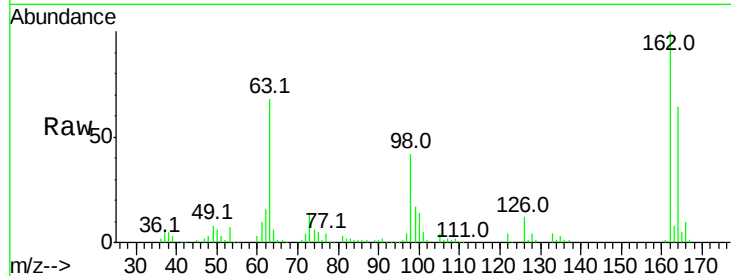




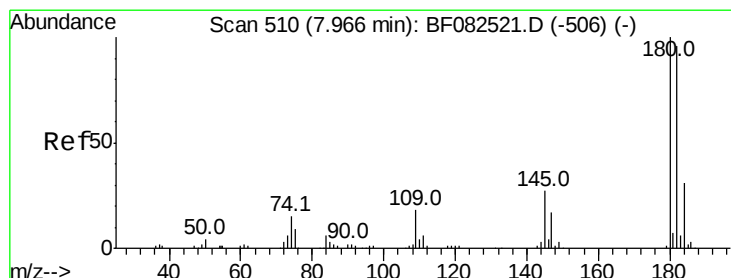
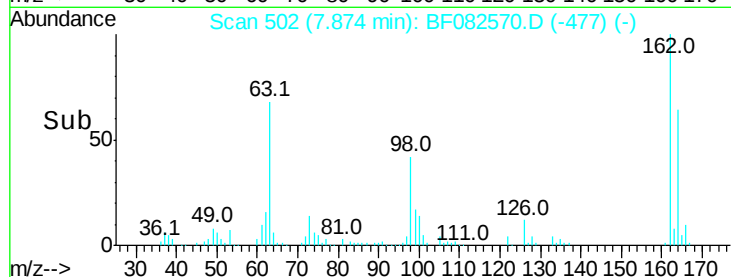
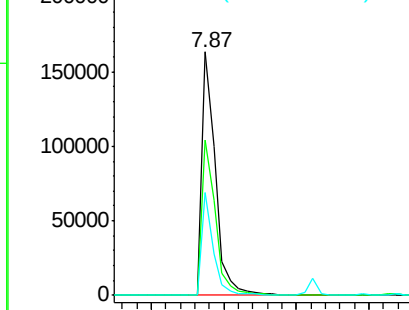
#29
 2,4-Dichlorophenol
 Concen: 39.86 ng
 RT: 7.87 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 212388
 Ion Ratio Lower Upper
 162 100
 164 63.8 43.1 83.1
 98 42.3 19.6 59.6

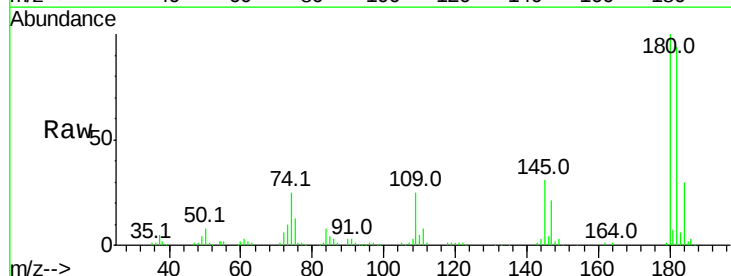


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

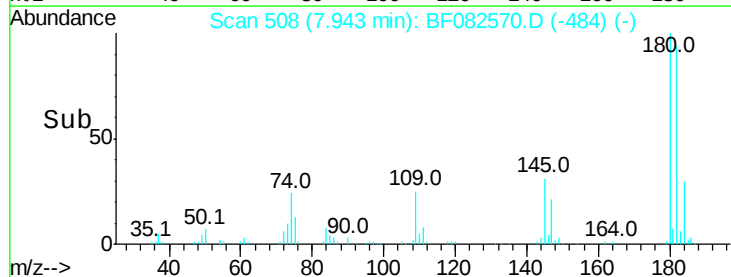
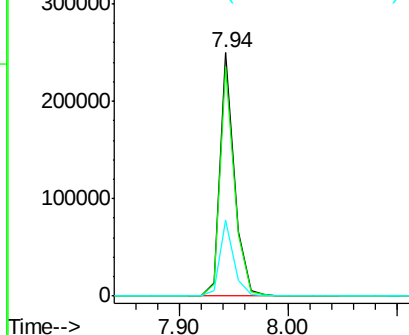


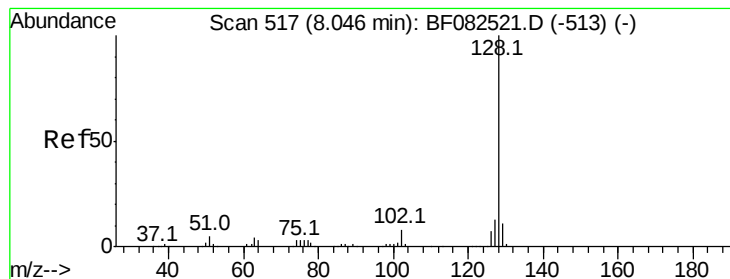
#30
 1,2,4-Trichlorobenzene
 Concen: 38.55 ng
 RT: 7.94 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:180 Resp: 232216
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.6 115.0
 145 31.4 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: 37.63 ng

RT: 8.02 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

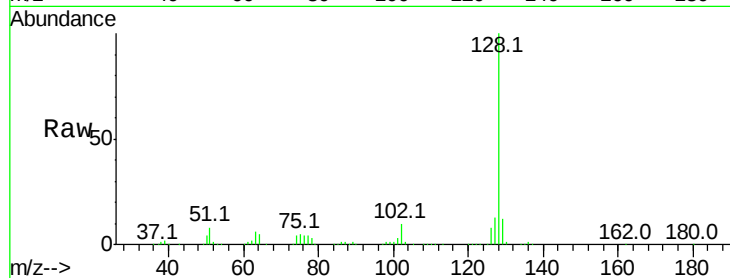
Tot Ion:128 Resp: 675921

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

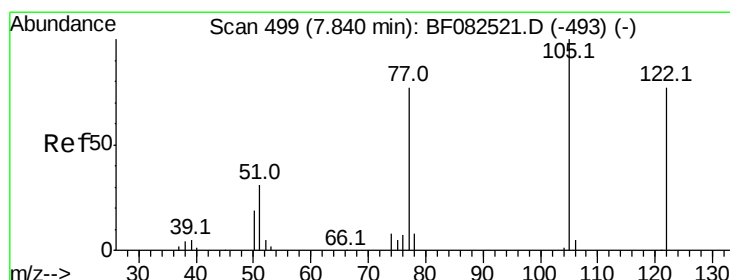
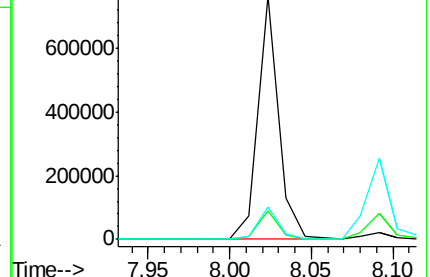
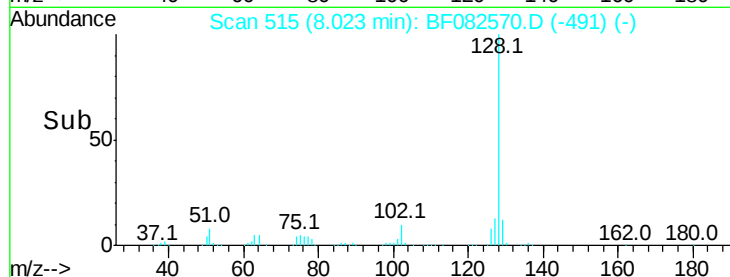
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.43 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

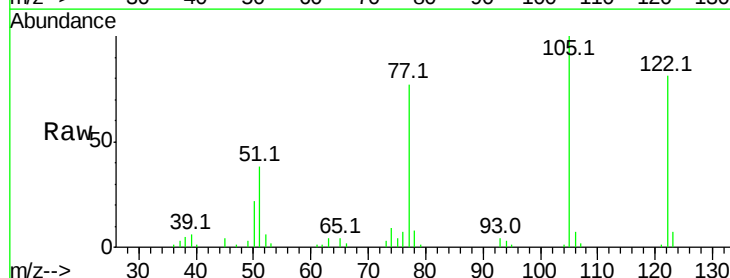
Tgt Ion:122 Resp: 97047

Ion Ratio Lower Upper

122 100

105 124.0 106.4 146.4

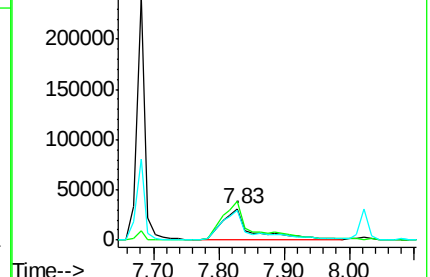
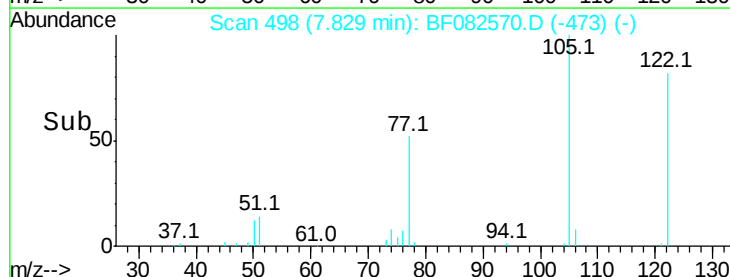
77 95.0 79.1 119.1

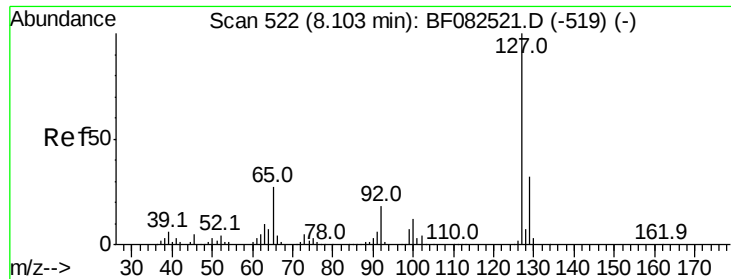


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

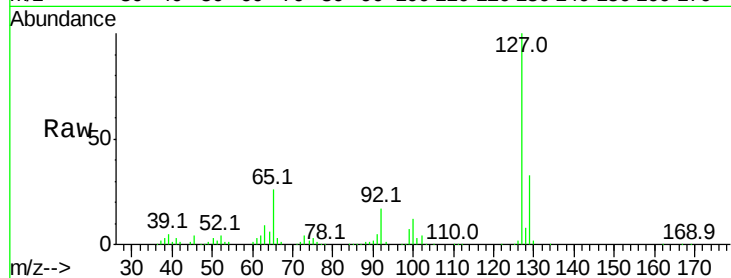




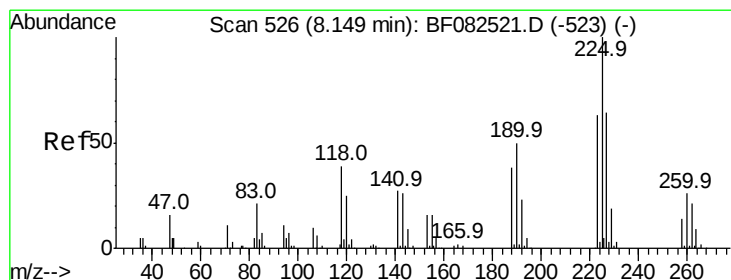
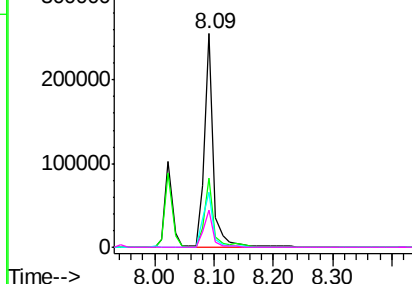
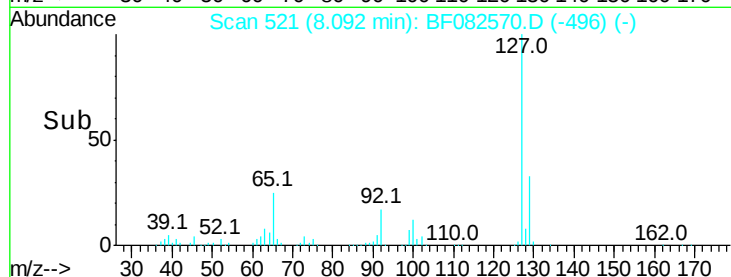
#33
4-Chloroaniline
Concen: 39.58 ng
RT: 8.09 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	275614
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	25.5	21.8	32.6
92	17.4	14.6	22.0

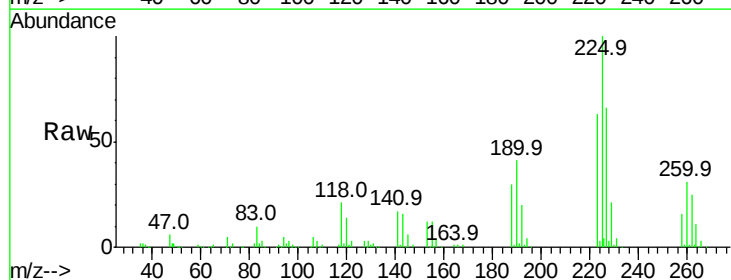


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

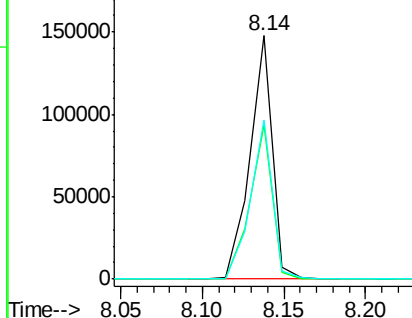
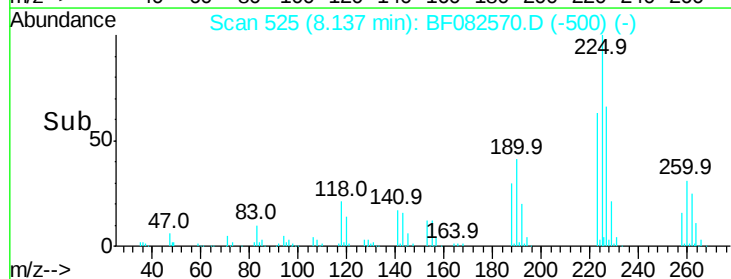


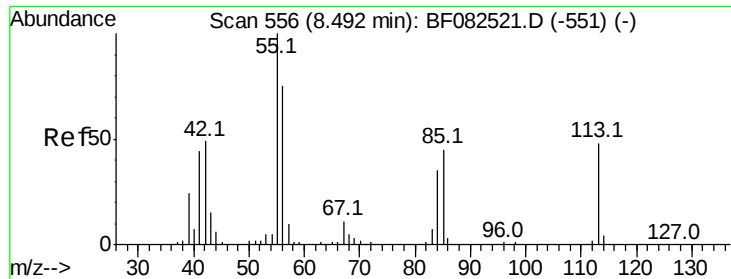
#34
Hexachlorobutadiene
Concen: 40.21 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion:	225	Resp:	140099
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.4
227	65.6	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

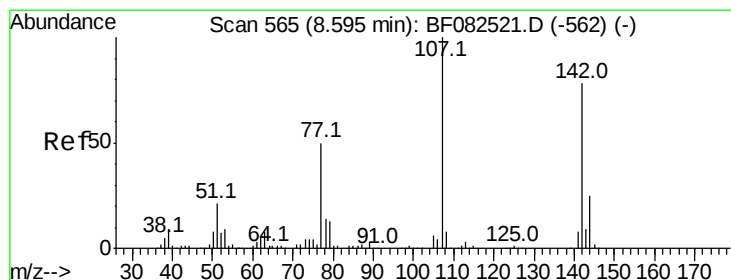
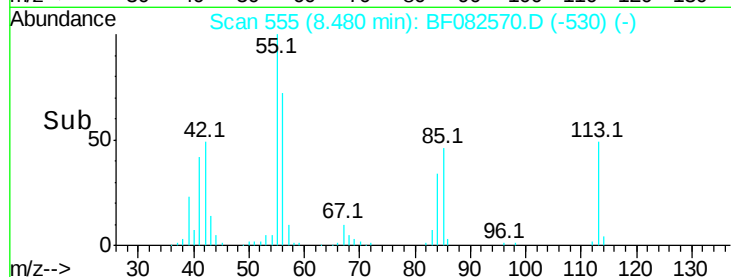
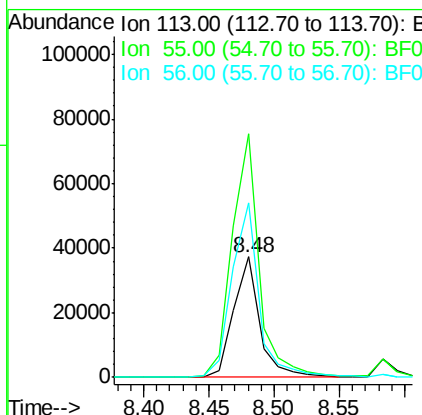
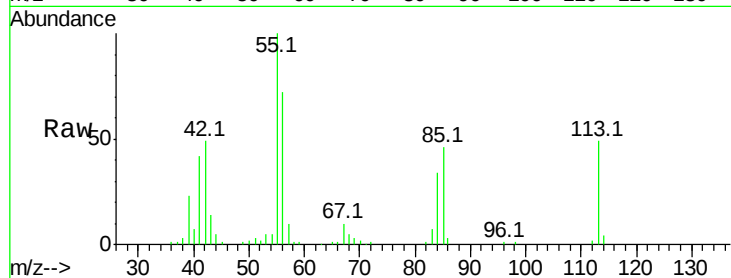




#35
 Caprolactam
 Concen: 34.97 ng
 RT: 8.48 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

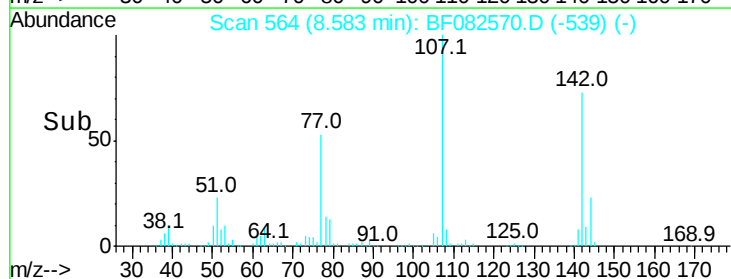
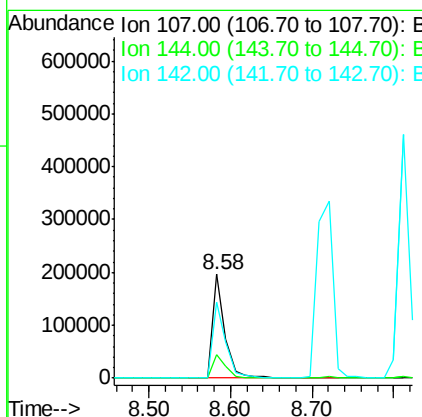
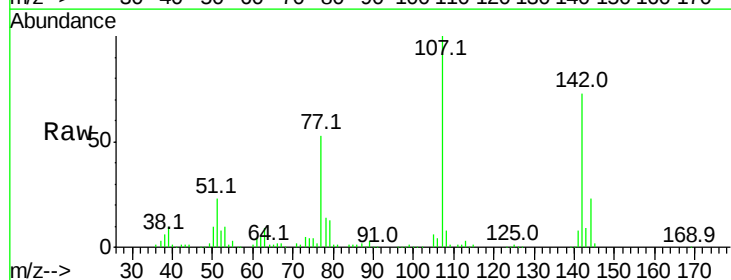
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

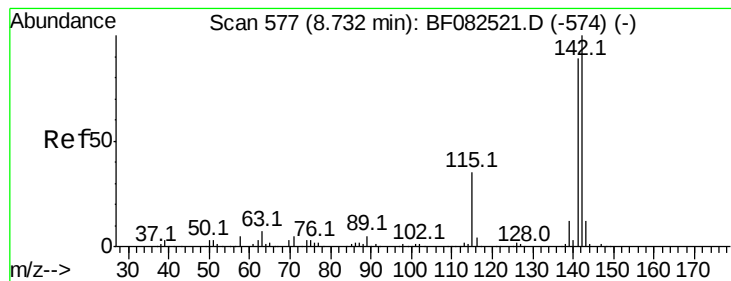
Tot Ion:113 Resp: 51790
 Ion Ratio Lower Upper
 113 100
 55 202.6 188.9 228.9
 56 145.2 135.8 175.8



#36
 4-Chloro-3-methylphenol
 Concen: 39.73 ng
 RT: 8.58 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:107 Resp: 205846
 Ion Ratio Lower Upper
 107 100
 144 23.0 20.2 30.2
 142 73.1 62.6 93.8

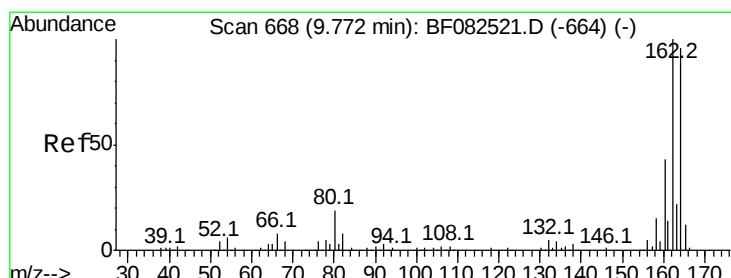
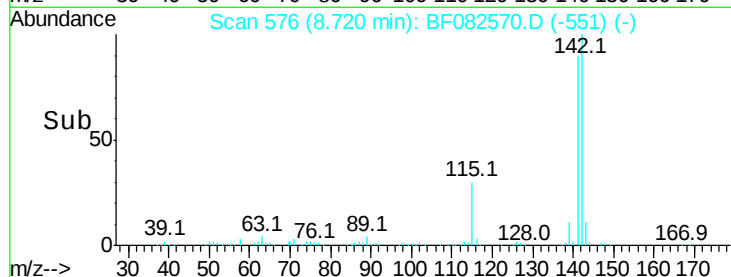
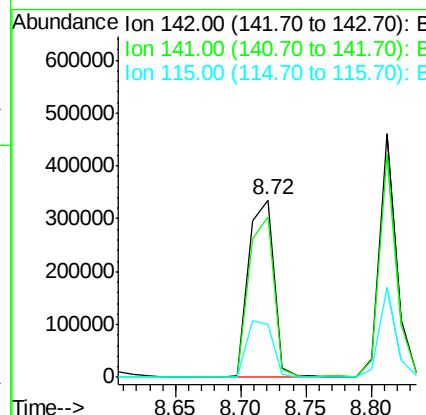
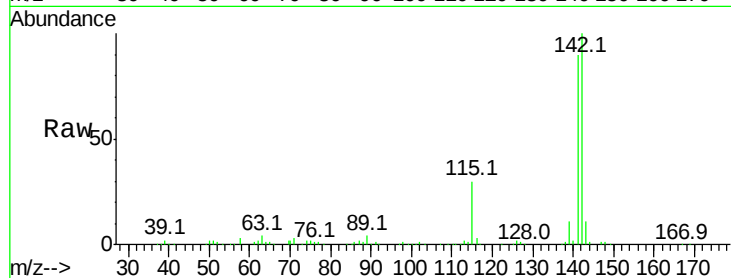




#37
 2-Methylnaphthalene
 Concen: 37.27 ng
 RT: 8.72 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

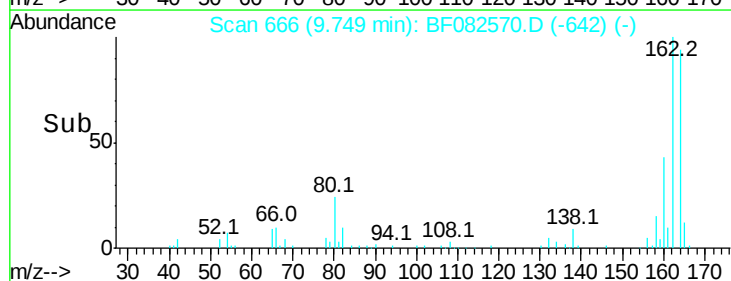
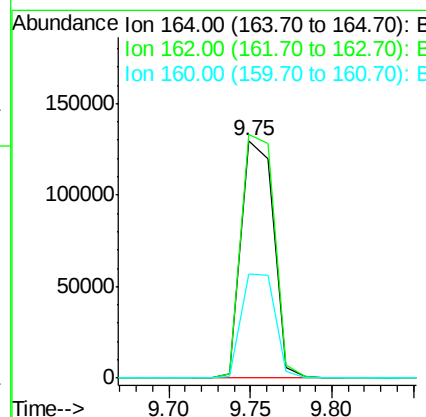
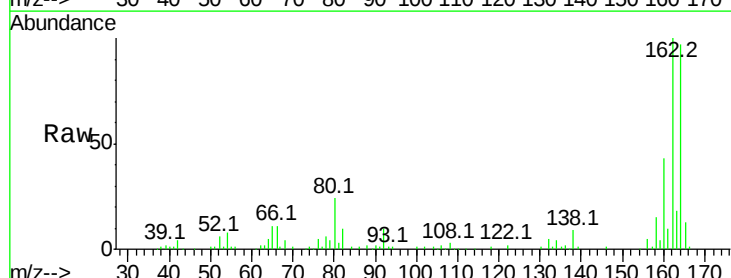
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

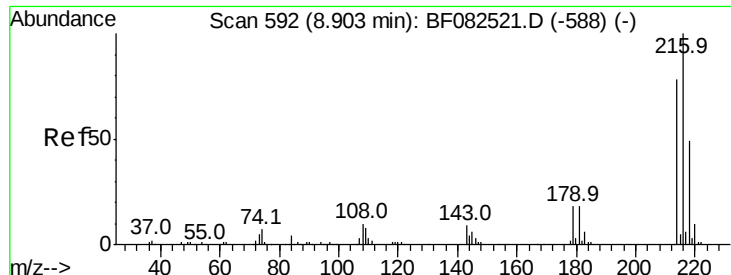
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	29.8	28.0	42.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.6	125.4
160	43.7	36.0	54.0

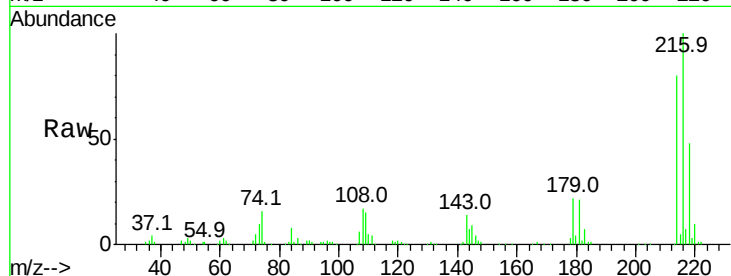




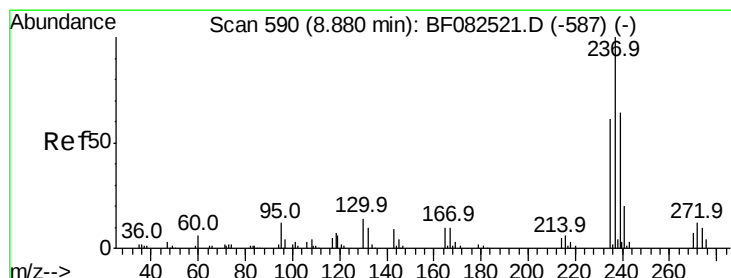
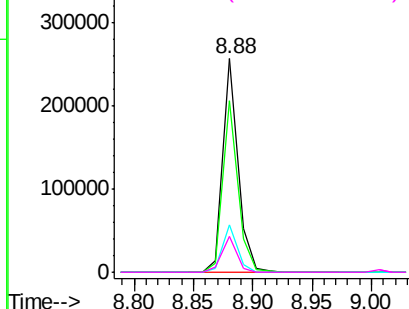
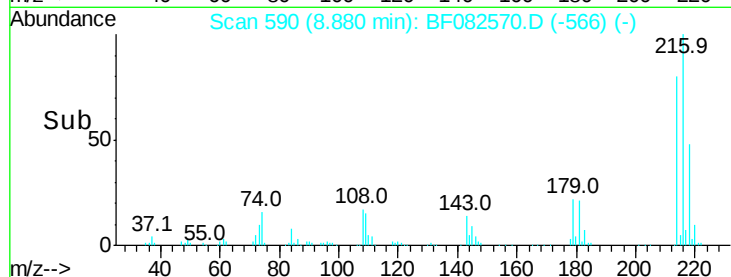
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.35 ng
 RT: 8.88 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	226247
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.1	94.7
179	21.5	16.5	24.7
108	16.5	13.0	19.4

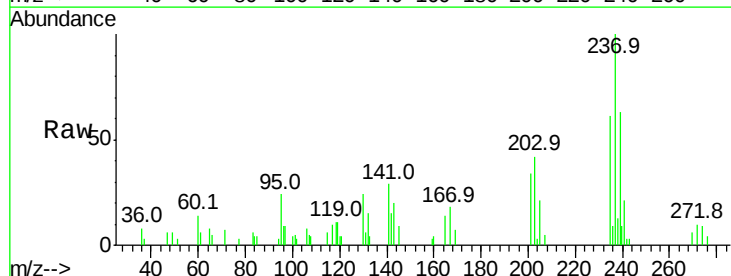


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

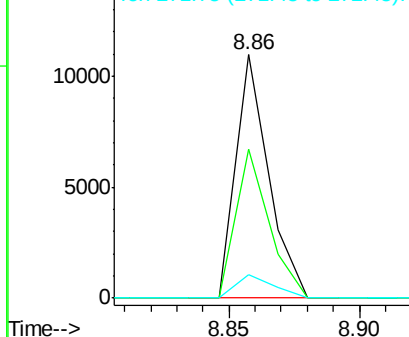
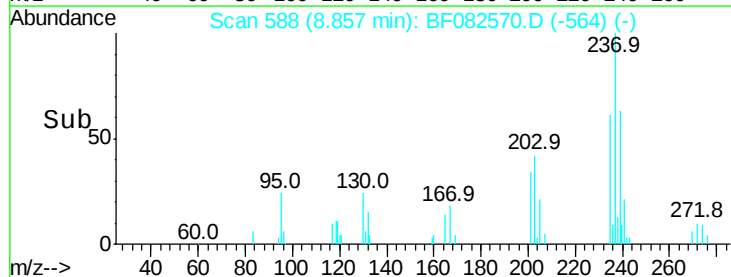


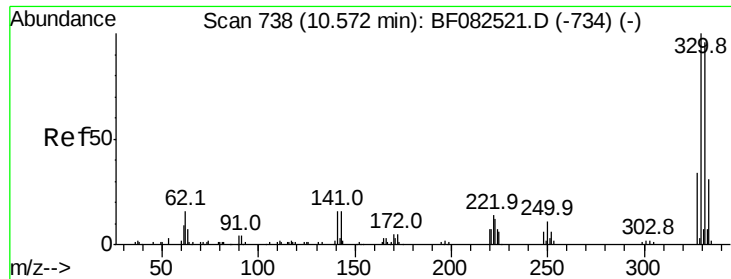
#40
 Hexachlorocyclopentadiene
 Concen: 17.90 ng
 RT: 8.86 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:	237	Resp:	9622
Ion Ratio	Lower	Upper	
237	100		
235	61.1	41.4	81.4
272	9.6	0.0	31.7



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

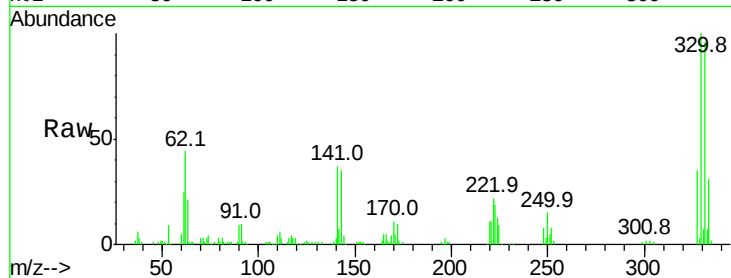




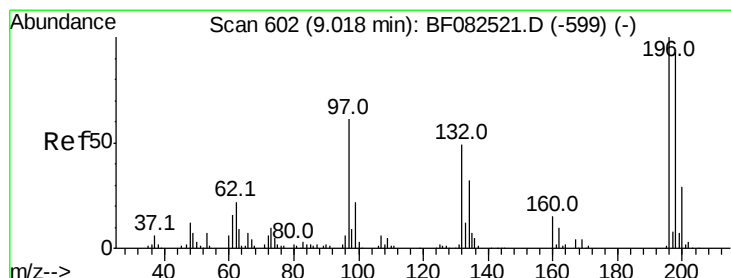
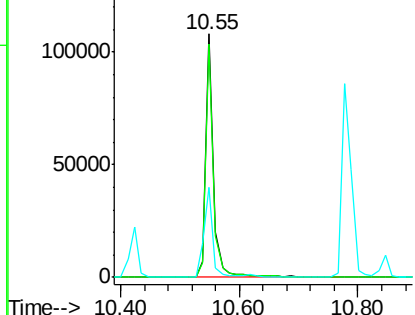
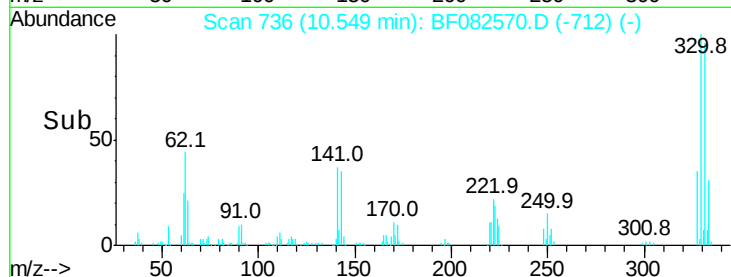
#41
 2,4,6-Tribromophenol
 Concen: 77.22 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.0
141	41.7	32.5	48.7

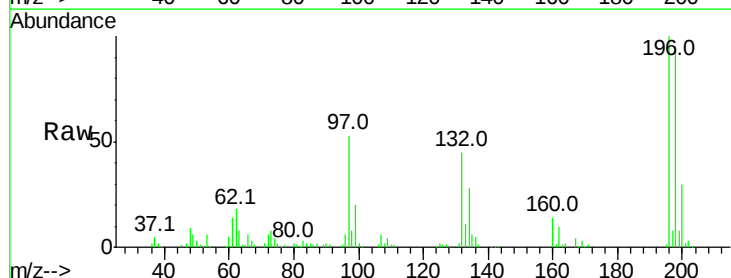


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

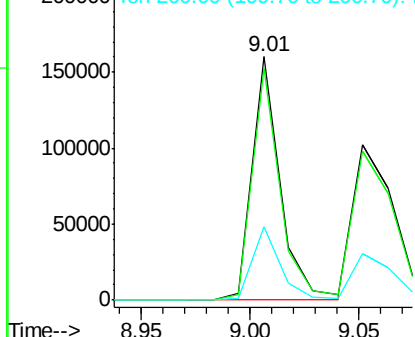
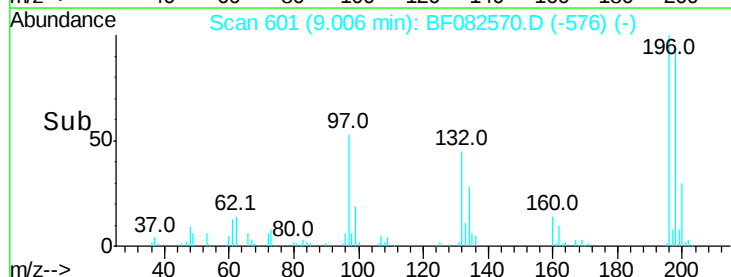


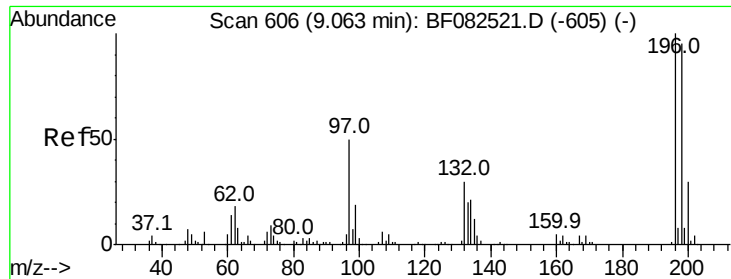
#42
 2,4,6-Trichlorophenol
 Concen: 43.09 ng
 RT: 9.01 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.1	111.1
200	30.4	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

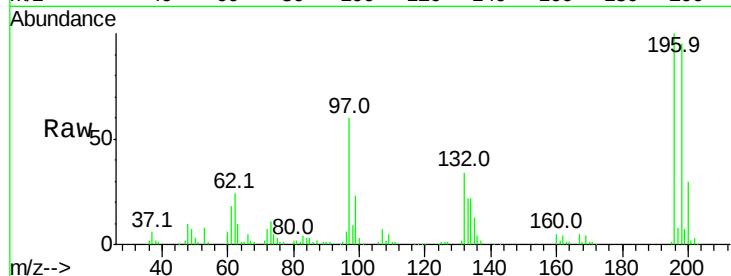




#43
 2,4,5-Trichlorophenol
 Concen: 41.78 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	145895
Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.4	113.2
97	60.4	40.8	61.2
132	33.9	24.6	37.0



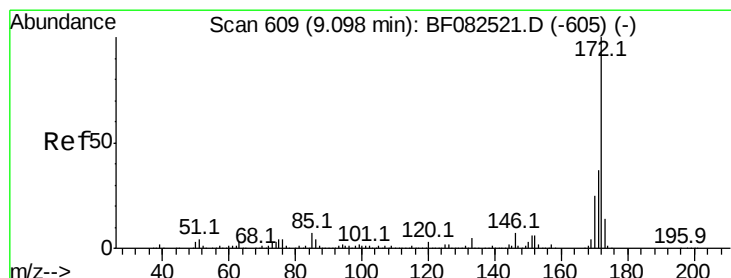
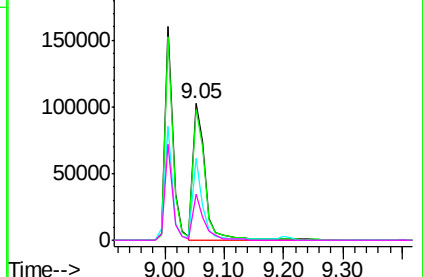
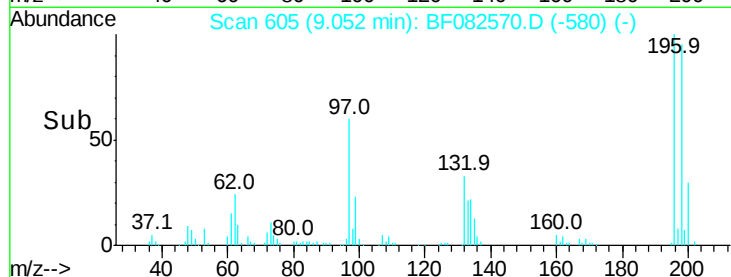
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

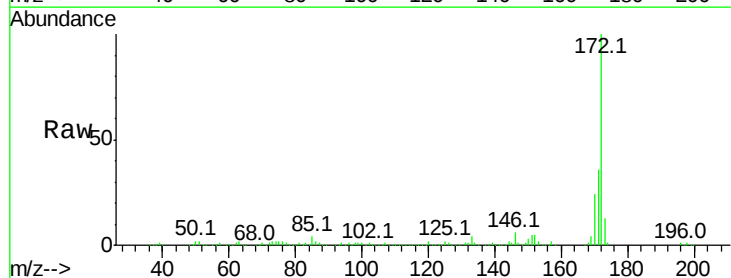
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.94 ng
 RT: 9.09 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:	172	Resp:	956416
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	24.1	19.8	29.6

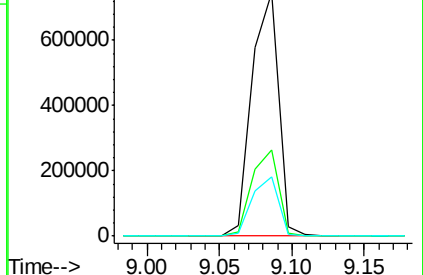
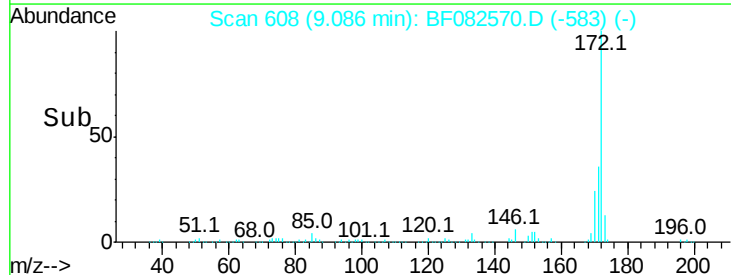


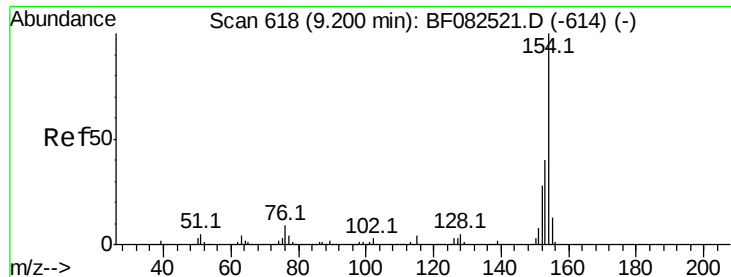
Abundance

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

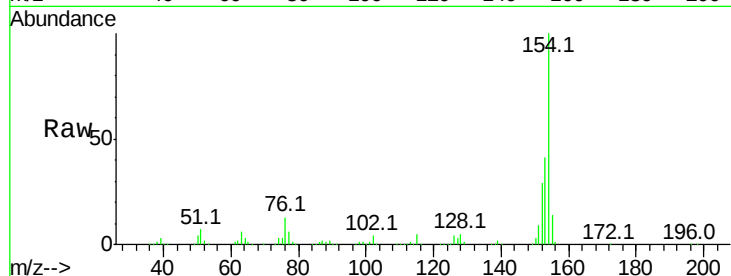




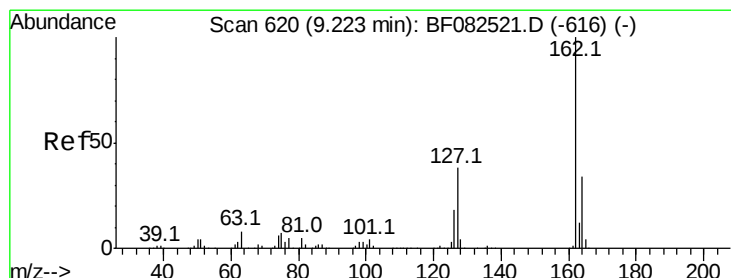
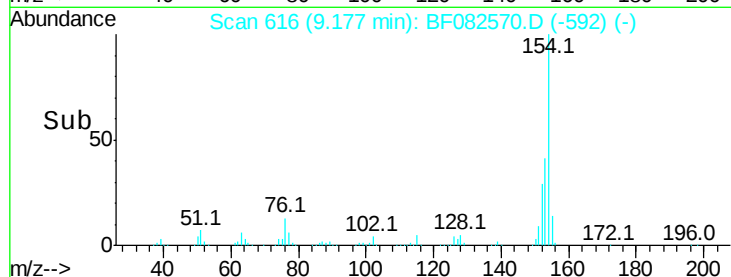
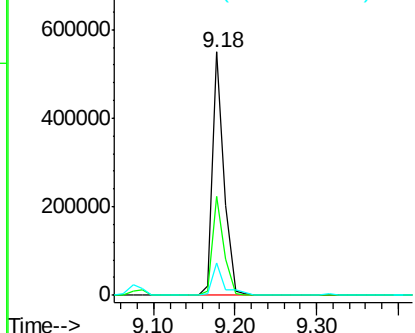
#45
 1,1'-Biphenyl
 Concen: 41.33 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 544386
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.4 60.4
 76 13.3 0.0 29.2

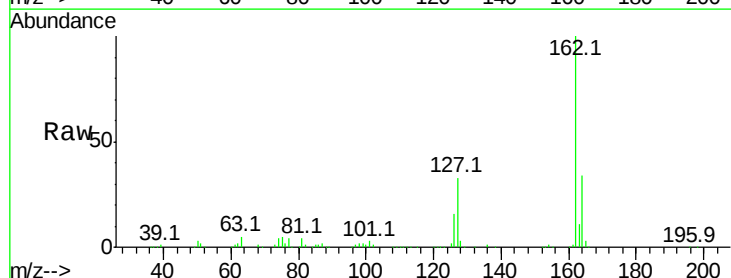


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

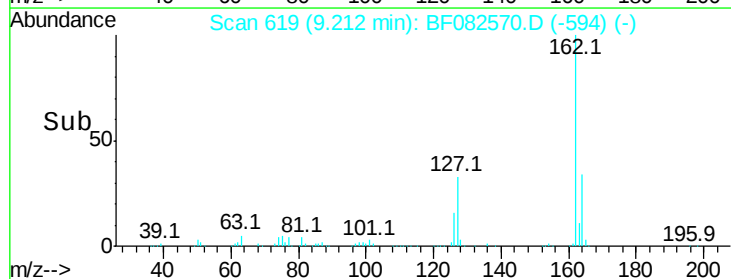
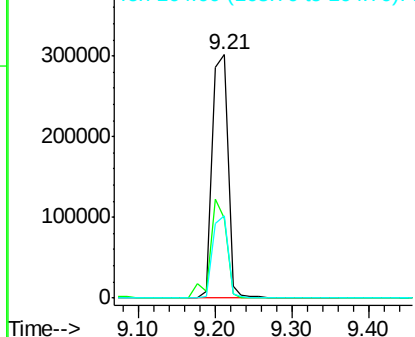


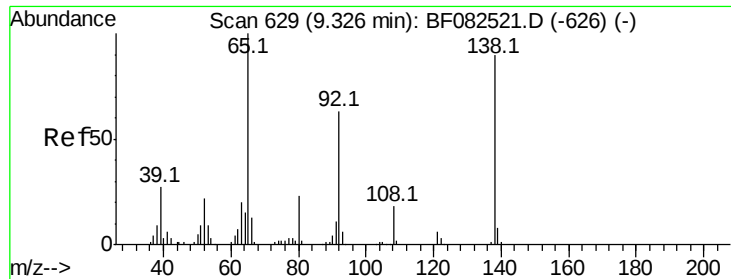
#46
 2-Chloronaphthalene
 Concen: 41.21 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:162 Resp: 427756
 Ion Ratio Lower Upper
 162 100
 127 33.0 30.6 46.0
 164 33.6 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

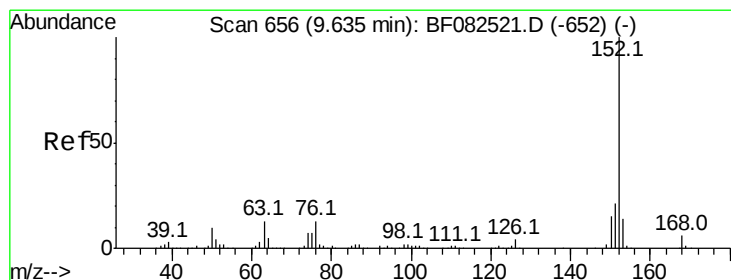
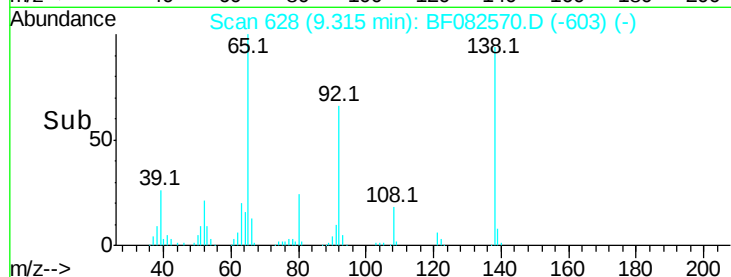
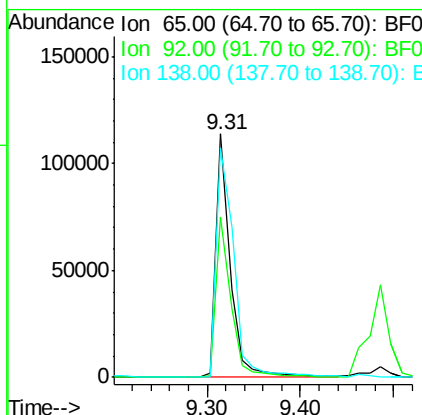
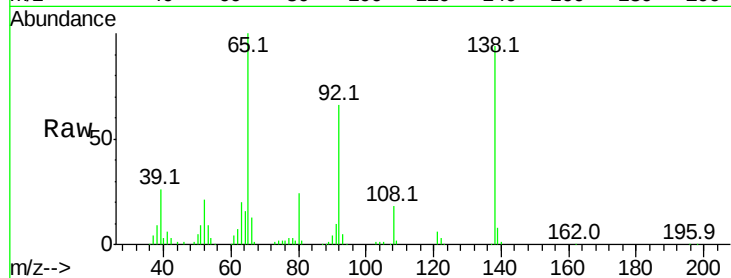




#47
2-Nitroaniline
Concen: 40.77 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

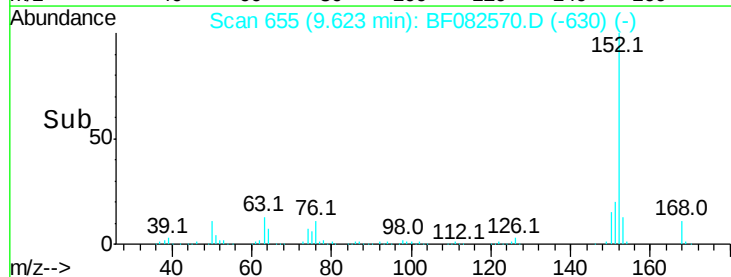
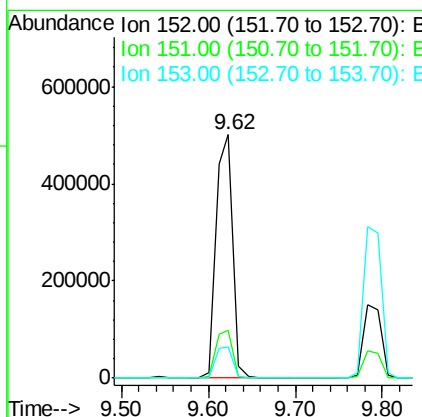
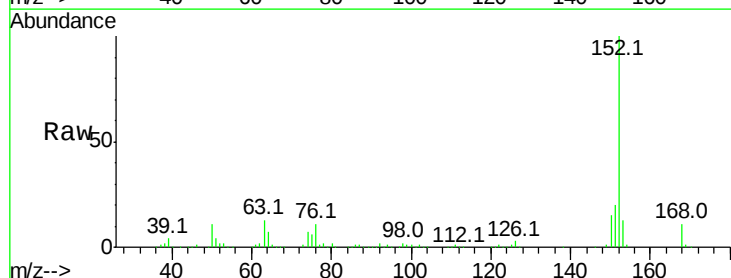
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

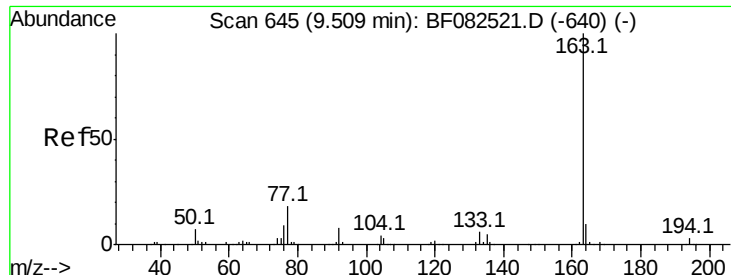
Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	50.6	76.0
138	94.2	71.8	107.6



#48
Acenaphthylene
Concen: 40.75 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	25.0
153	12.9	10.9	16.3





#49

Dimethylphthalate

Concen: 41.47 ng

RT: 9.49 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

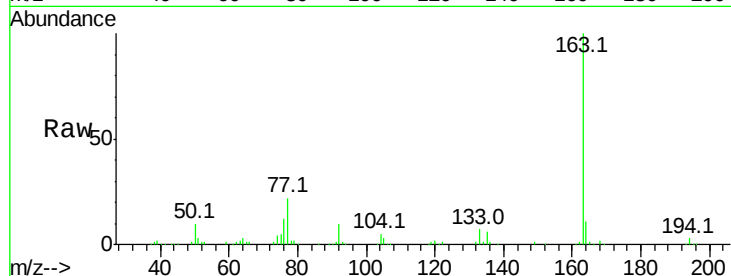
Tot Ion:163 Resp: 510639

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

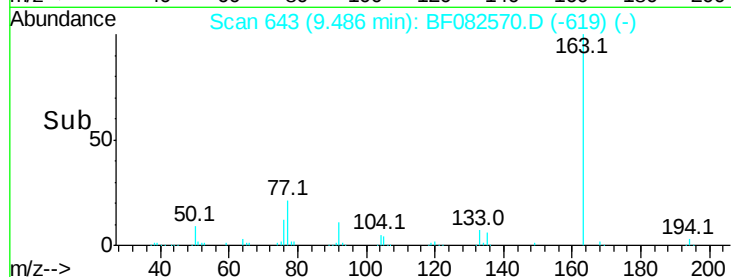
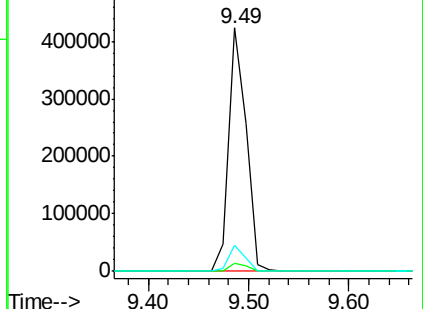
164 10.7 8.2 12.4



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: 39.12 ng

RT: 9.57 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

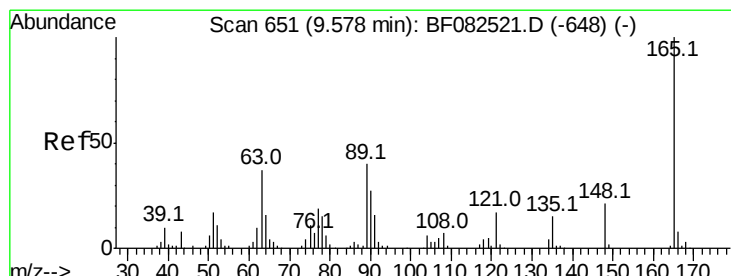
Tgt Ion:165 Resp: 105616

Ion Ratio Lower Upper

165 100

63 29.9 30.7 46.1#

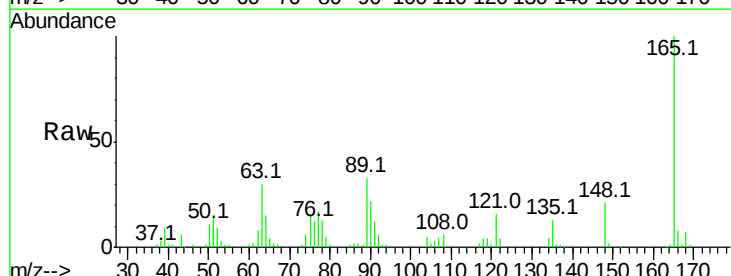
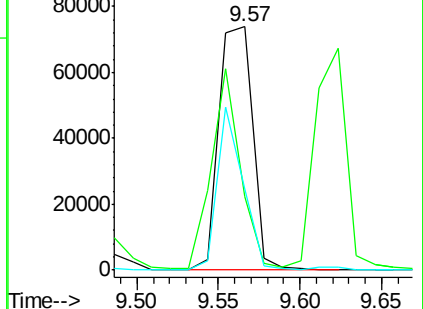
89 33.3 31.8 47.8

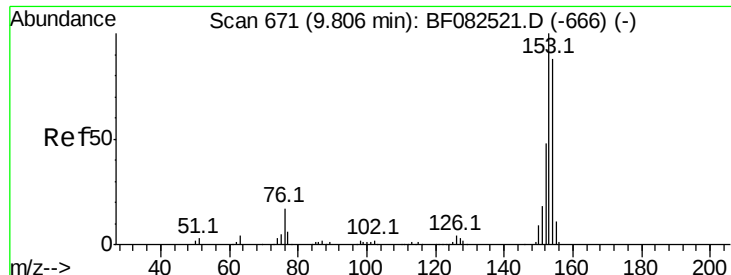


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.29 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

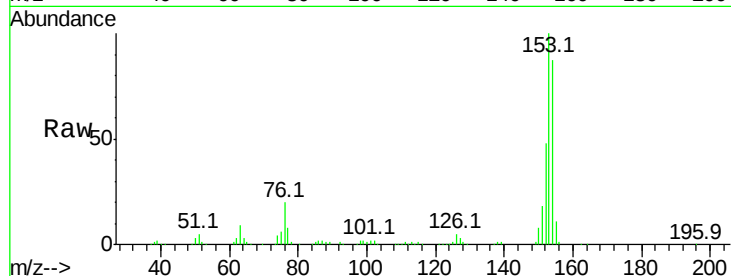
Tot Ion:154 Resp: 384119

Ion Ratio Lower Upper

154 100

153 114.3 90.7 136.1

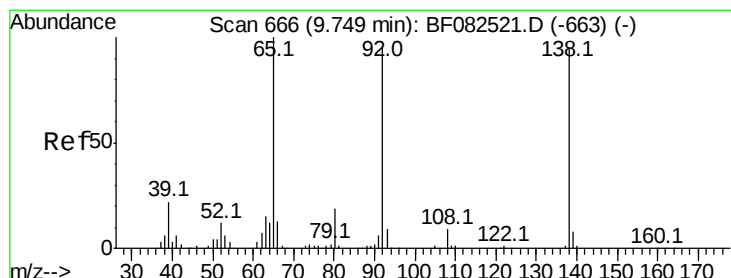
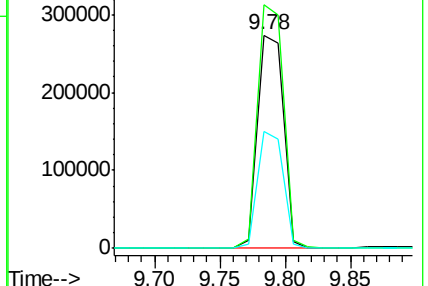
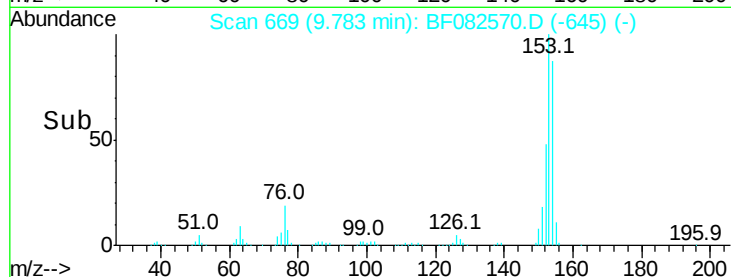
152 54.8 44.0 66.0



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: 42.28 ng

RT: 9.74 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

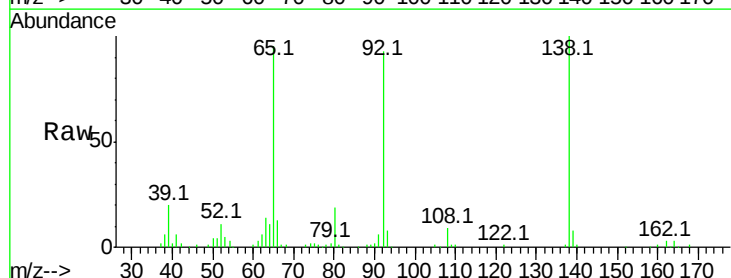
Tgt Ion:138 Resp: 123875

Ion Ratio Lower Upper

138 100

108 8.9 7.4 11.2

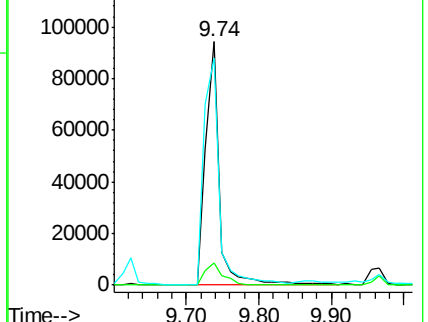
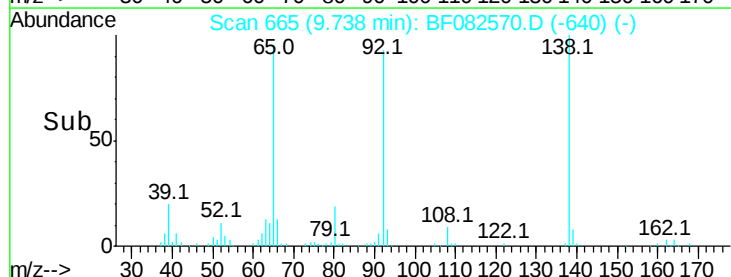
92 93.1 80.2 120.2

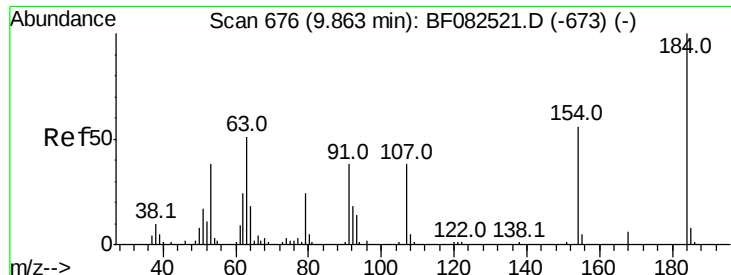


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

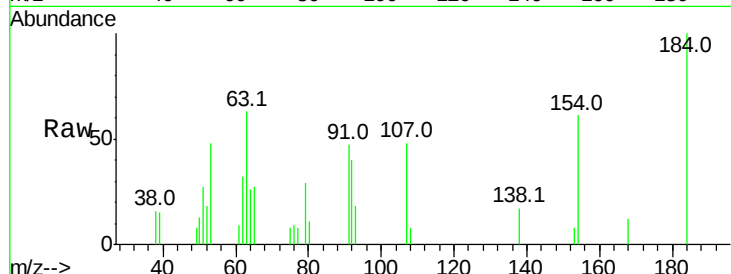




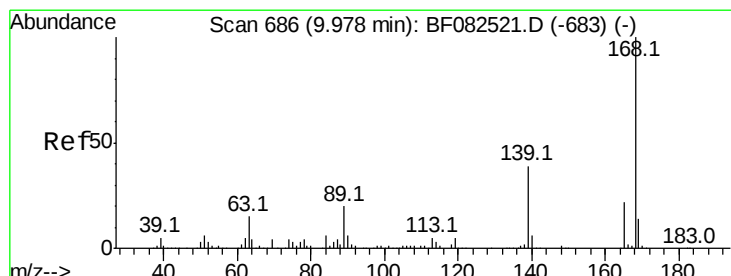
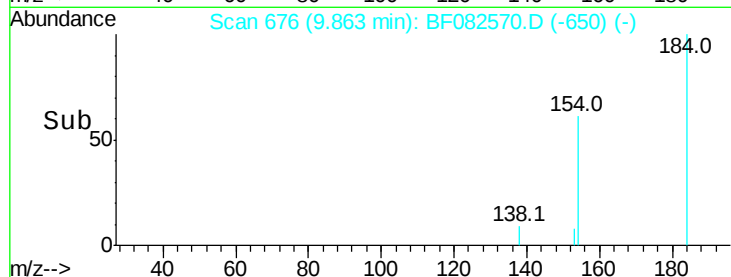
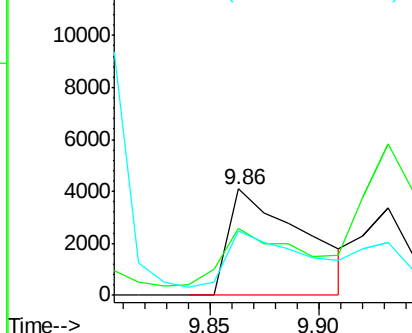
#53
 2,4-Dinitrophenol
 Concen: 14.80 ng
 RT: 9.86 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 9675
 Ion Ratio Lower Upper
 184 100
 63 62.8 41.4 62.0#
 154 60.8 48.2 72.2

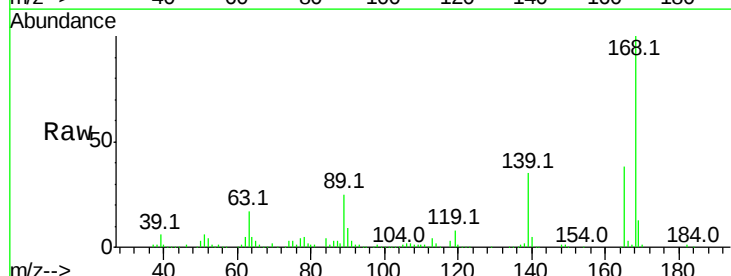


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

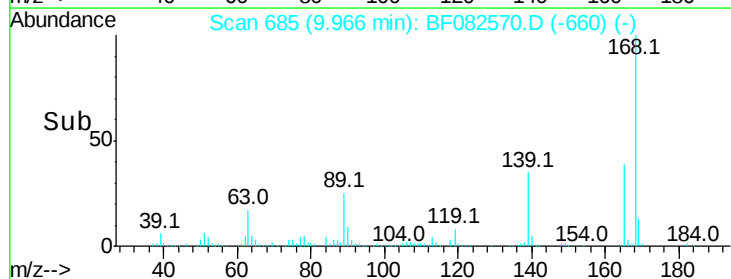
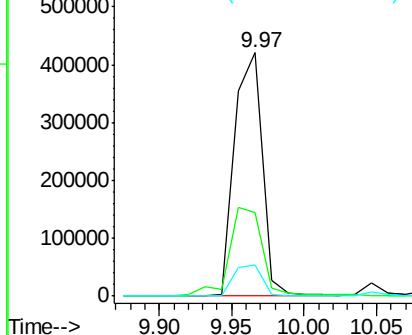


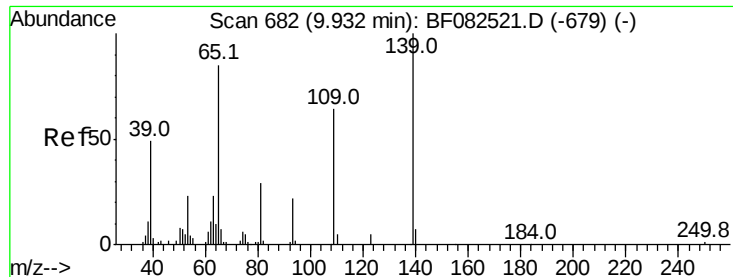
#54
 Dibenzofuran
 Concen: 40.42 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:168 Resp: 562317
 Ion Ratio Lower Upper
 168 100
 139 34.6 33.0 49.6
 169 13.0 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

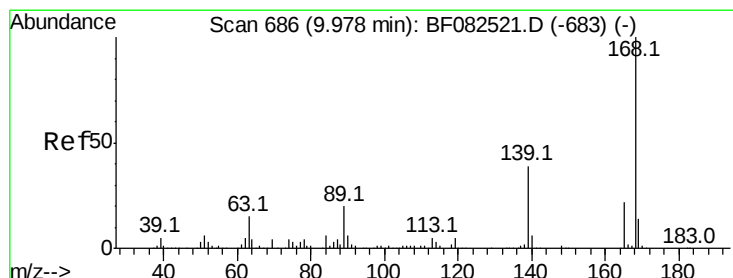
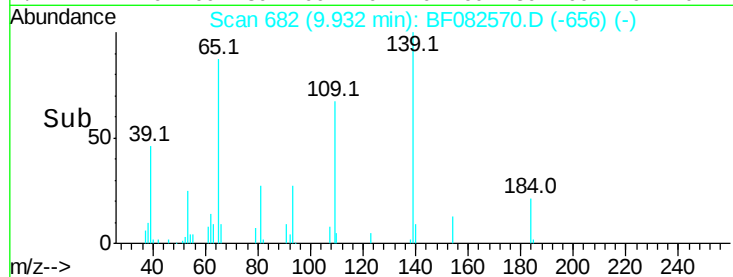
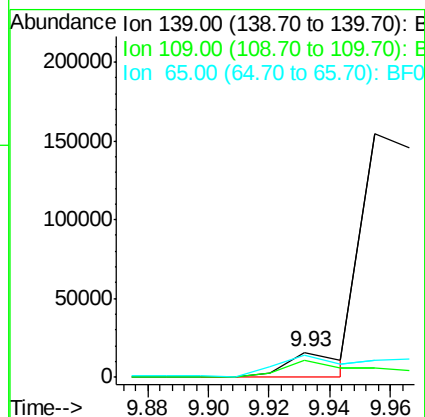
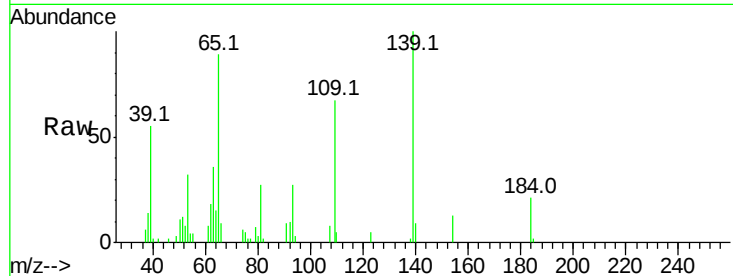




#55
4-Nitrophenol
Concen: 24.55 ng/ml
RT: 9.93 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

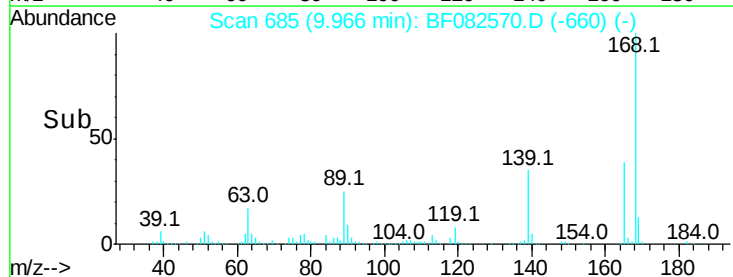
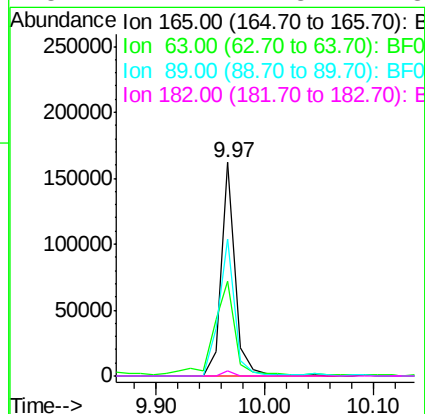
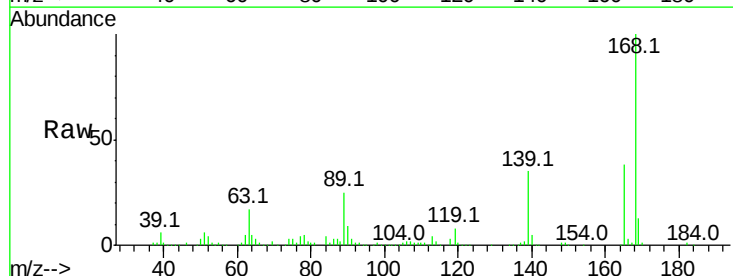
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

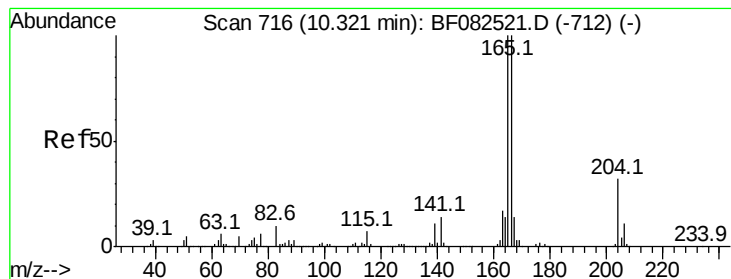
Tot Ion:139 Resp: 20442
Ion Ratio Lower Upper
139 100
109 66.9 44.2 84.2
65 89.1 68.1 108.1



#56
2,4-Dinitrotoluene
Concen: 44.58 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion:165 Resp: 145972
Ion Ratio Lower Upper
165 100
63 44.5 58.6 88.0#
89 64.2 72.3 108.5#
182 2.1 1.8 2.8





#57

Fluorene

Concen: 39.30 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

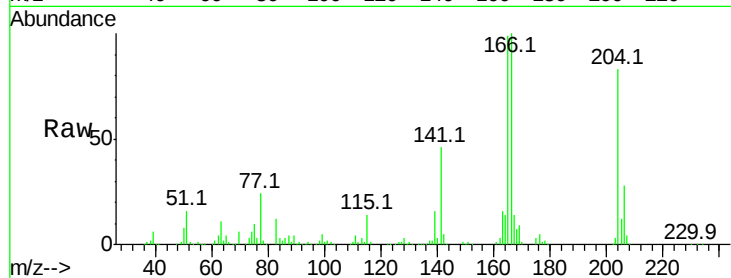
Tot Ion:166 Resp: 448828

Ion Ratio Lower Upper

166 100

165 99.4 79.7 119.5

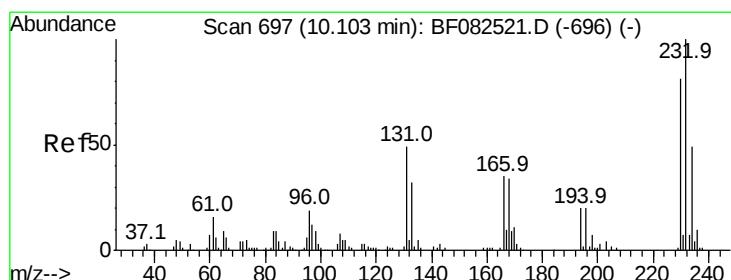
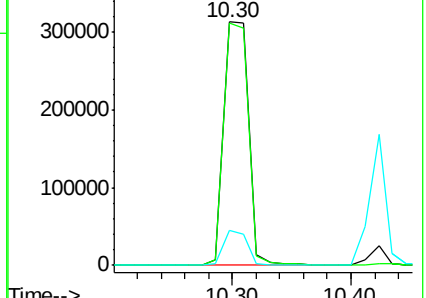
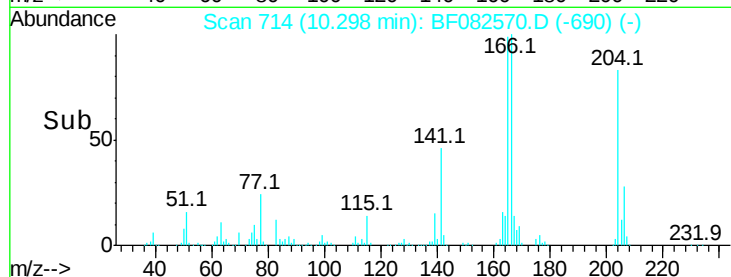
167 14.2 11.0 16.4



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: 37.51 ng

RT: 10.09 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Tgt Ion:232 Resp: 100257

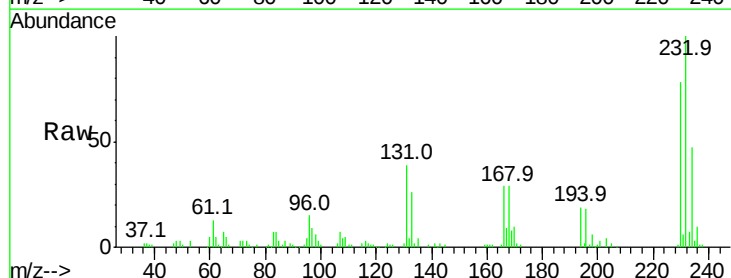
Ion Ratio Lower Upper

232 100

131 42.5 36.4 54.6

130 1.7 1.7 2.5

166 28.0 25.4 38.0

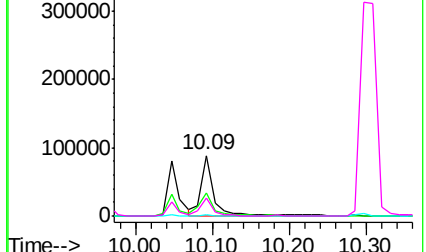
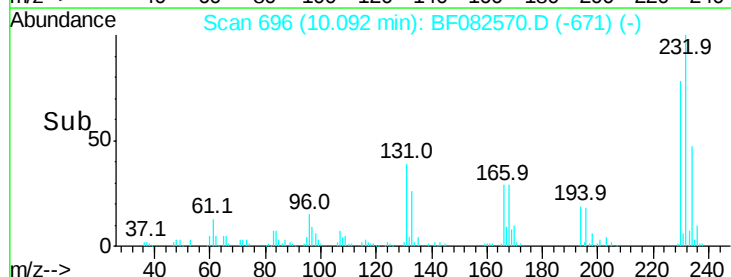


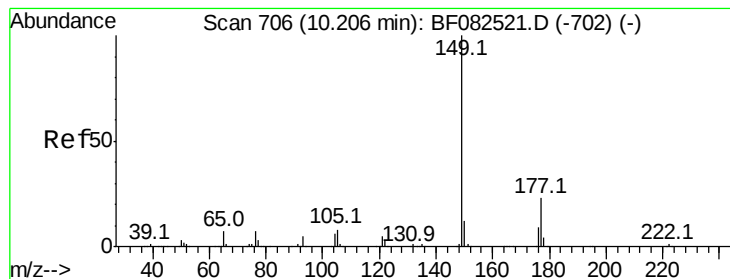
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.68 ng

RT: 10.18 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

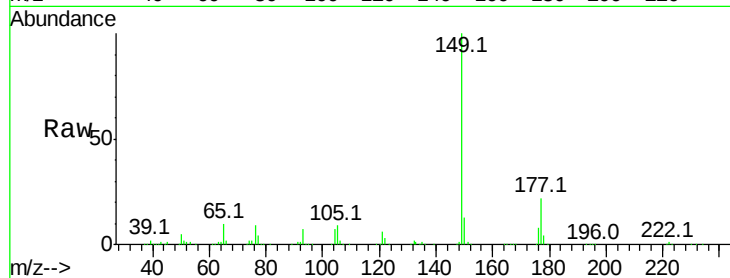
Tot Ion:149 Resp: 499511

Ion Ratio Lower Upper

149 100

177 21.7 18.6 28.0

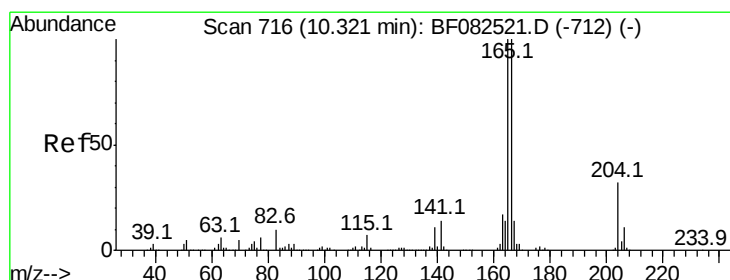
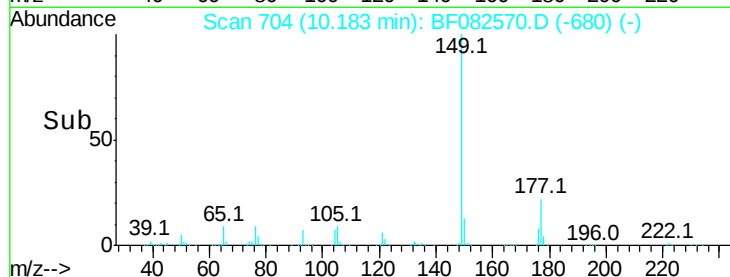
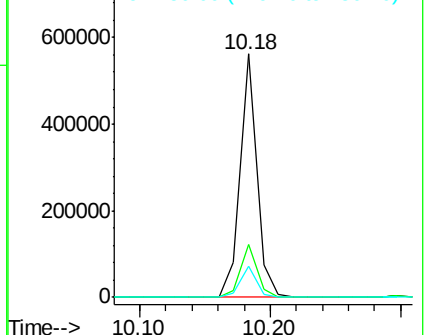
150 12.9 9.9 14.9



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: 43.52 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

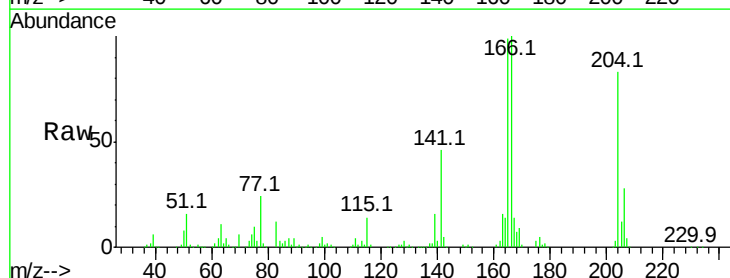
Tgt Ion:204 Resp: 233745

Ion Ratio Lower Upper

204 100

206 34.0 27.7 41.5

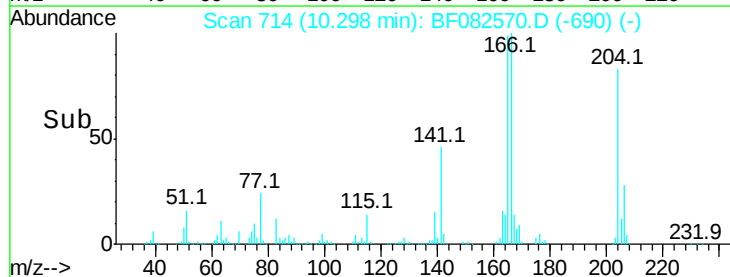
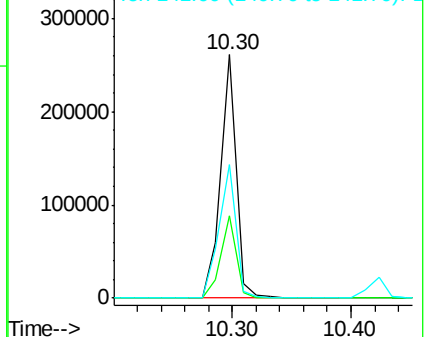
141 54.7 33.9 50.9#

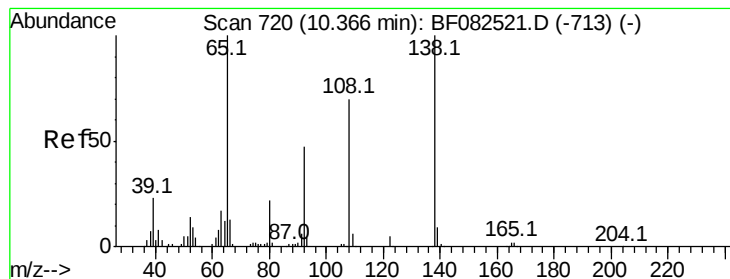


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.86 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

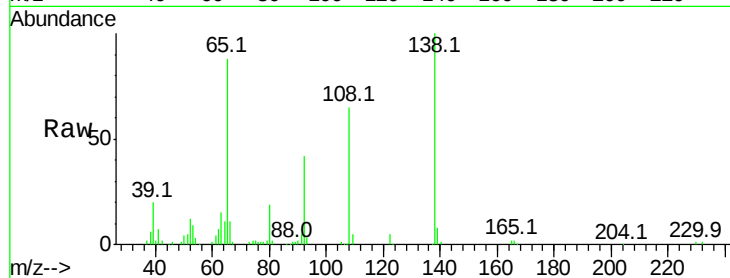
Tot Ion:138 Resp: 114020

Ion Ratio Lower Upper

138 100

92 41.9 27.3 67.3

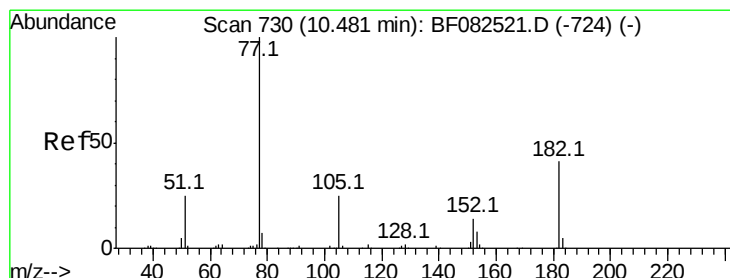
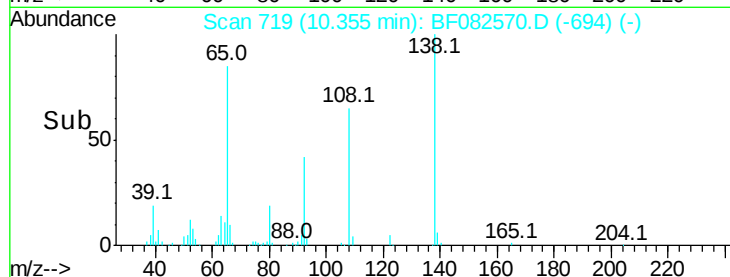
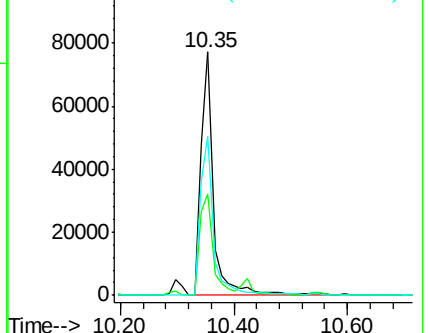
108 65.3 49.8 89.8



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: 41.55 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Tgt Ion: 77 Resp: 480978

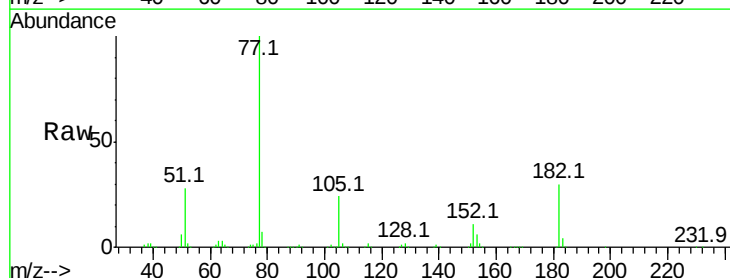
Ion Ratio Lower Upper

77 100

182 29.9 20.8 60.8

105 23.6 5.8 45.8

51 28.3 5.3 45.3

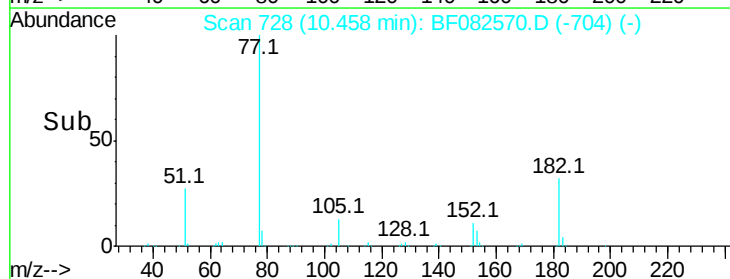
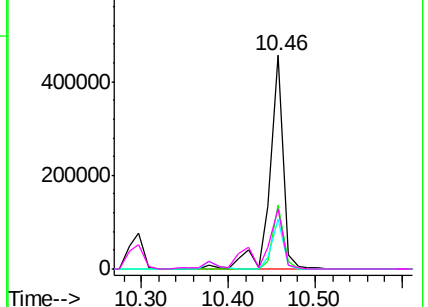


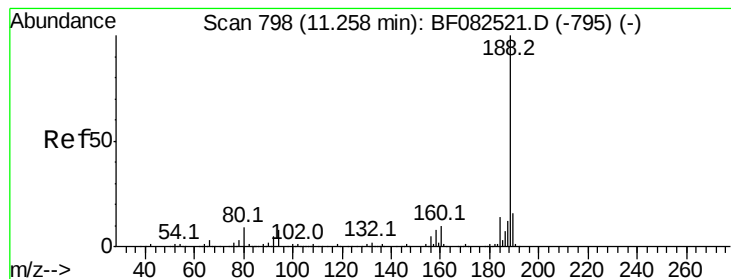
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

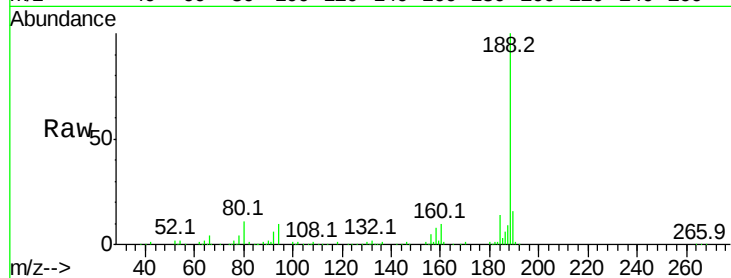
Tot Ion:188 Resp: 314661

Ion Ratio Lower Upper

188 100

94 9.6 6.4 9.6#

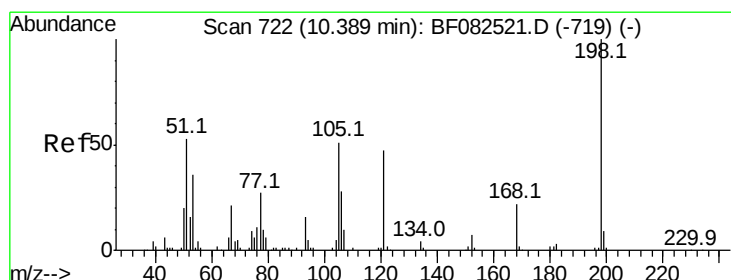
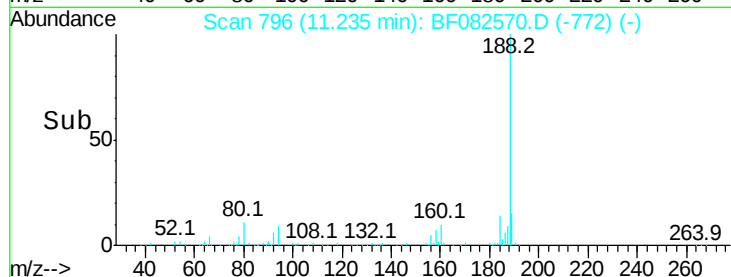
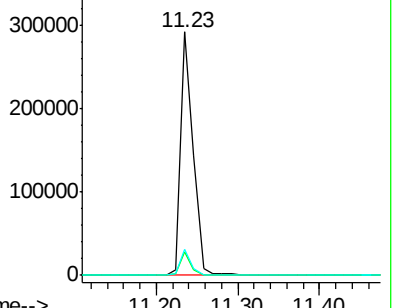
80 10.8 7.0 10.6#



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: 24.12 ng

RT: 10.38 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

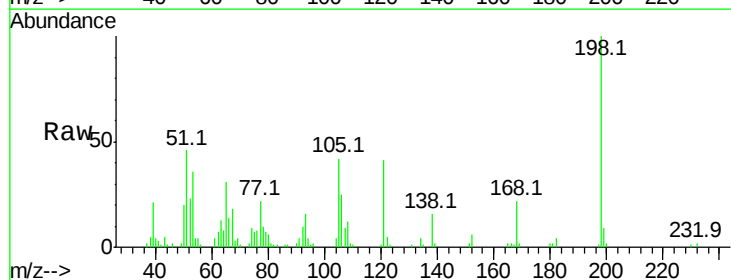
Tgt Ion:198 Resp: 44523

Ion Ratio Lower Upper

198 100

51 46.1 38.2 78.2

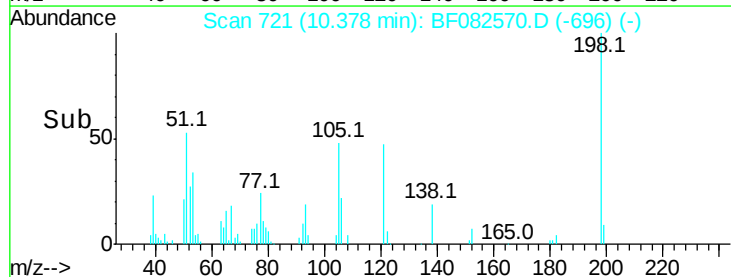
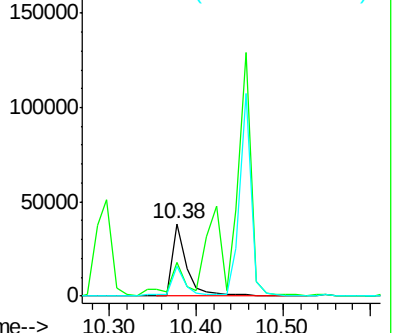
105 41.8 32.2 72.2

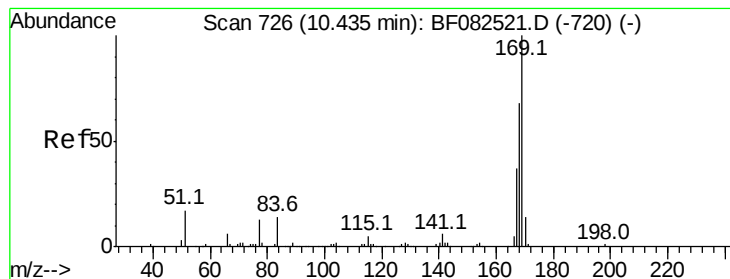


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.01 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

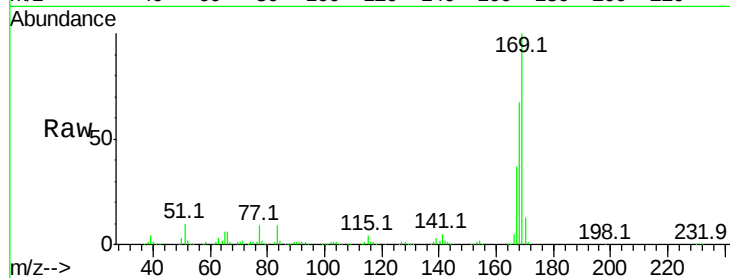
Tot Ion:169 Resp: 437973

Ion Ratio Lower Upper

169 100

168 67.4 54.8 82.2

167 36.6 29.5 44.3

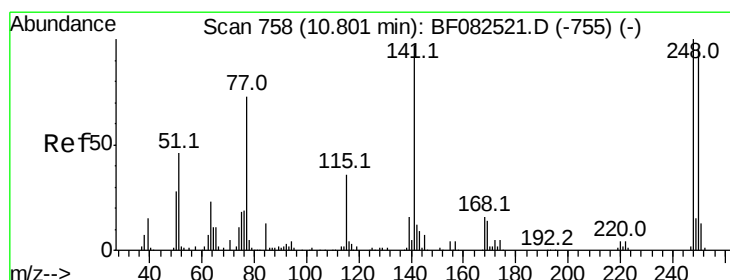
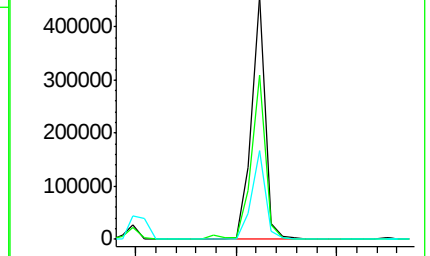
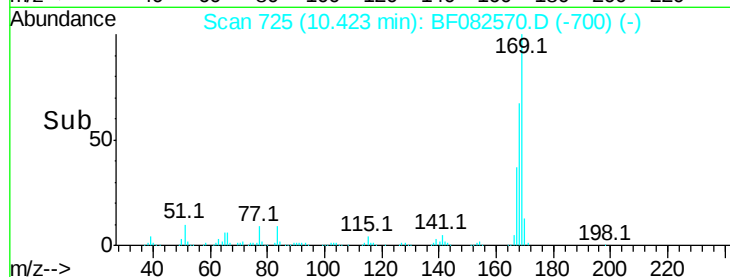


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

10.42



#66

4-Bromophenyl-phenylether

Concen: 42.67 ng

RT: 10.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

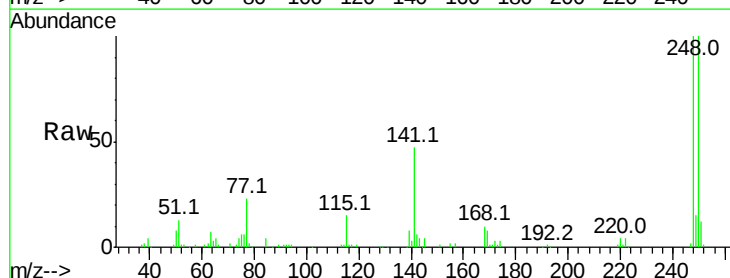
Tgt Ion:248 Resp: 125998

Ion Ratio Lower Upper

248 100

250 100.1 76.0 114.0

141 46.8 77.5 116.3#

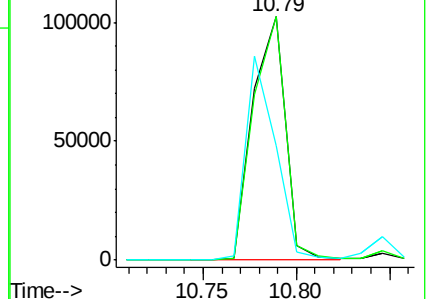
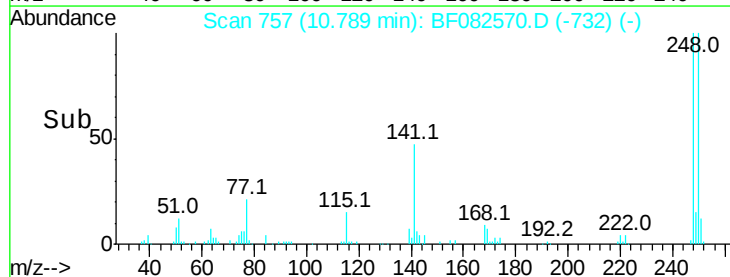


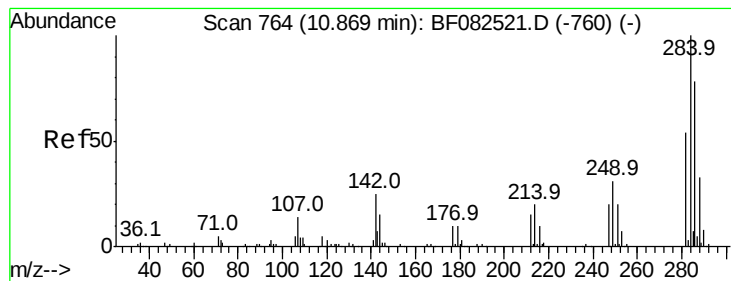
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

10.79





#67

Hexachlorobenzene

Concen: 42.35 ng

RT: 10.85 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

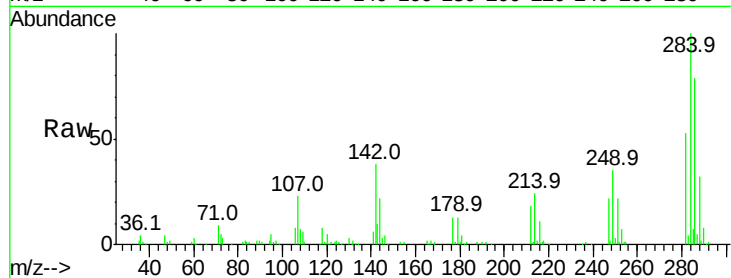
Tot Ion:284 Resp: 133362

Ion Ratio Lower Upper

284 100

142 37.9 20.3 30.5#

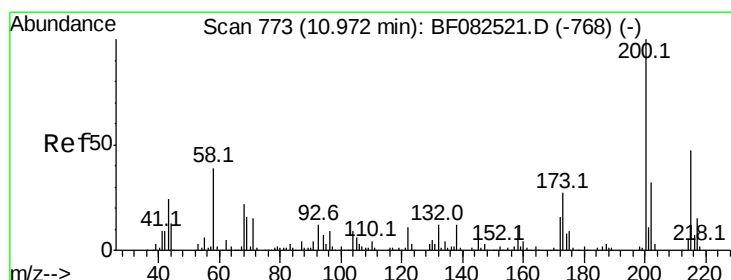
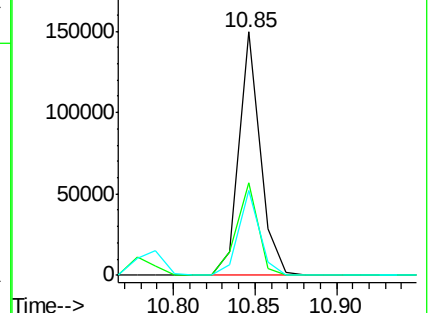
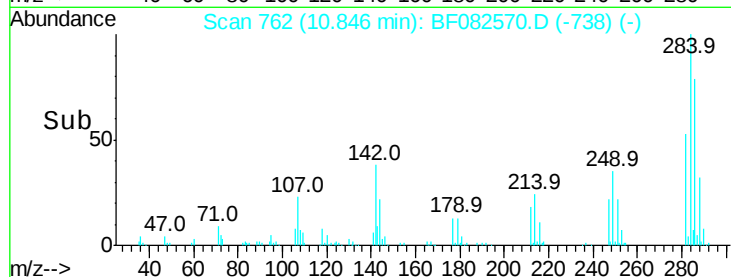
249 35.0 25.3 37.9



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: 38.98 ng

RT: 10.95 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

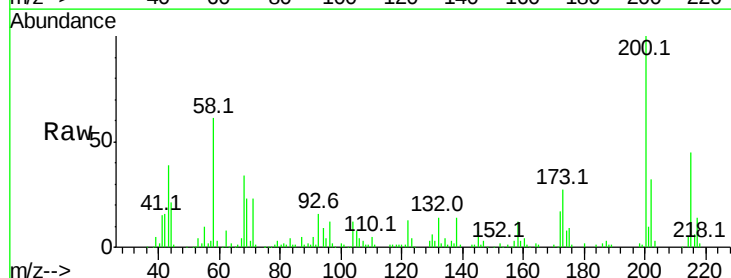
Tgt Ion:200 Resp: 114877

Ion Ratio Lower Upper

200 100

173 27.5 7.2 47.2

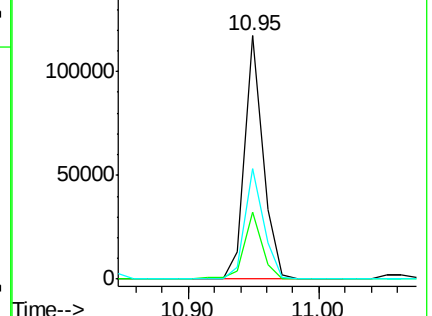
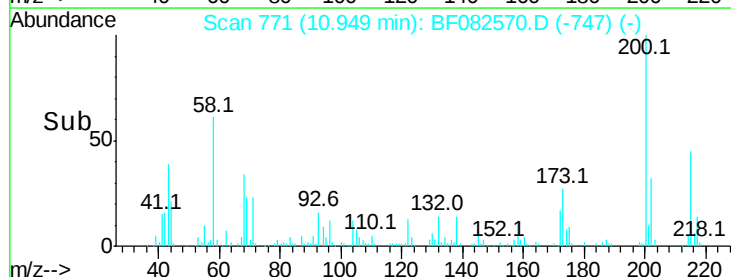
215 45.3 27.0 67.0

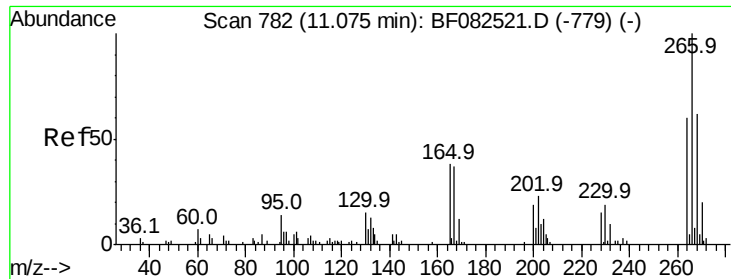


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

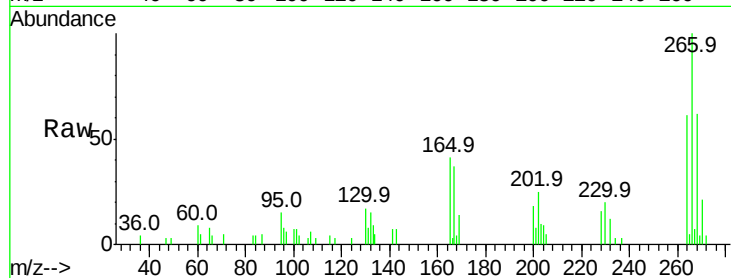




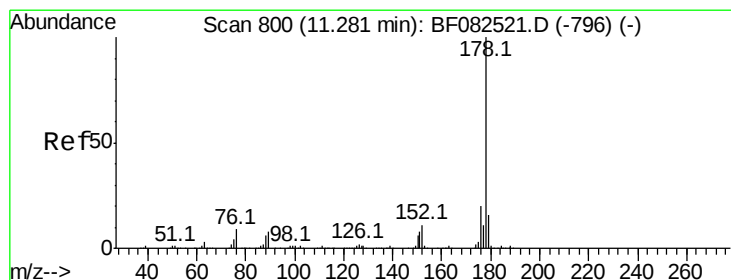
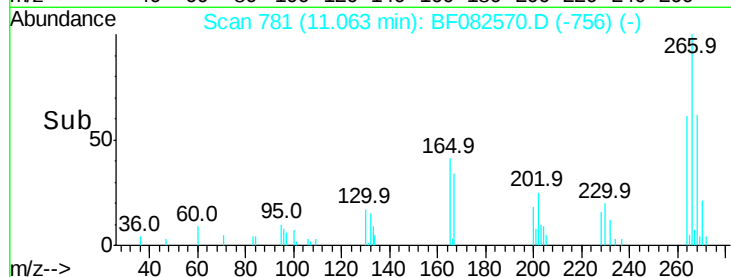
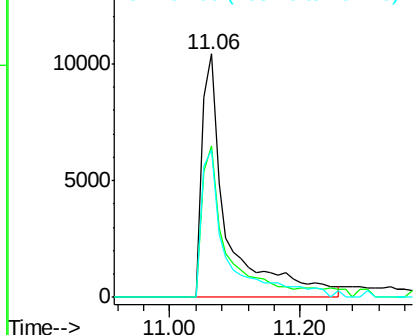
#69
 Pentachlorophenol
 Concen: 26.96 ng
 RT: 11.06 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 27777
 Ion Ratio Lower Upper
 266 100
 268 62.0 49.5 74.3
 264 60.7 48.0 72.0

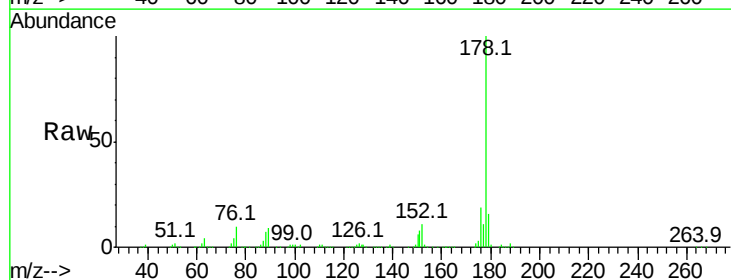


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

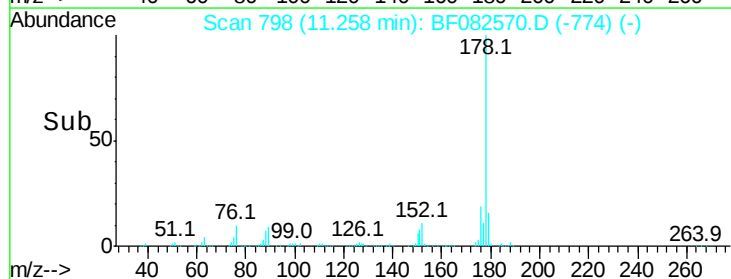
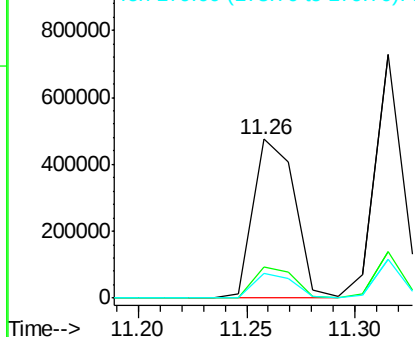


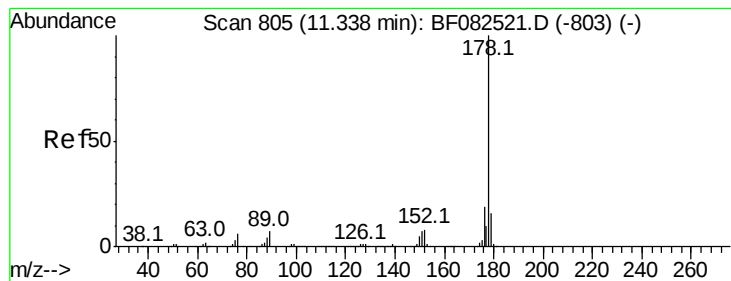
#70
 Phenanthrene
 Concen: 39.02 ng
 RT: 11.26 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:178 Resp: 631899
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.9 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: 40.76 ng

RT: 11.31 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

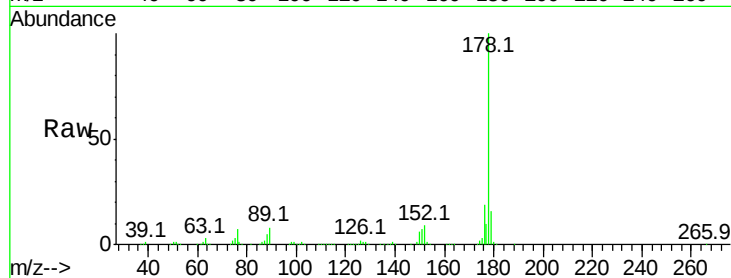
Tot Ion:178 Resp: 664639

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

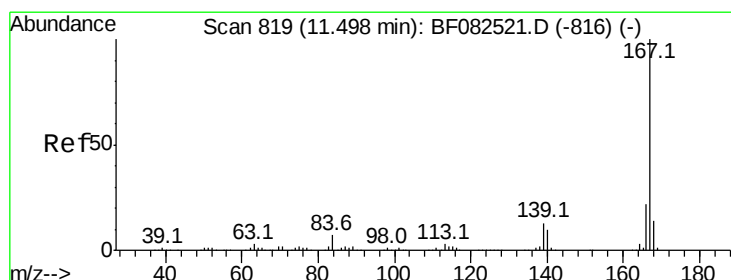
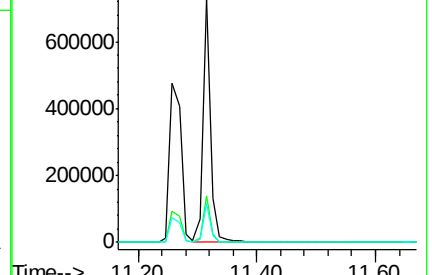
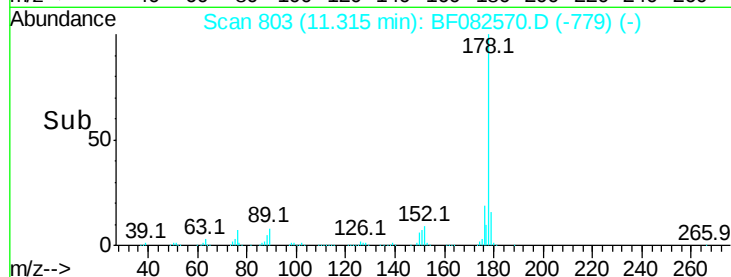
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.35 ng

RT: 11.47 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

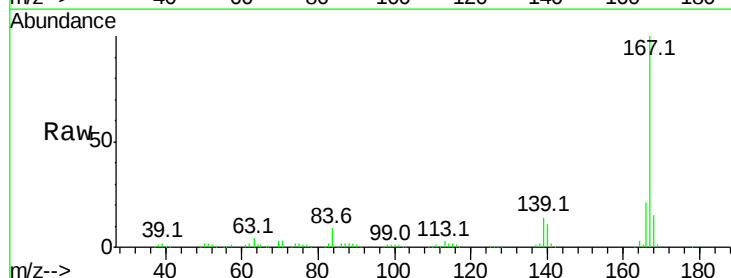
Tgt Ion:167 Resp: 551586

Ion Ratio Lower Upper

167 100

166 21.4 17.9 26.9

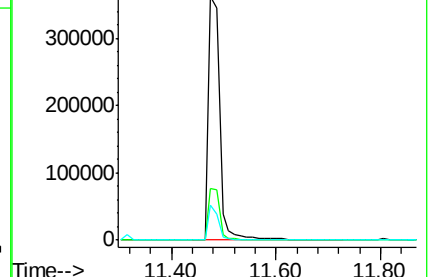
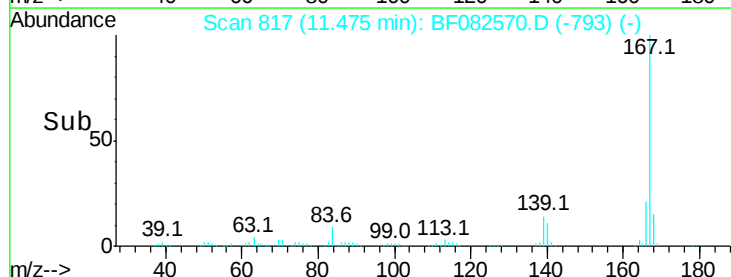
139 14.2 10.4 15.6

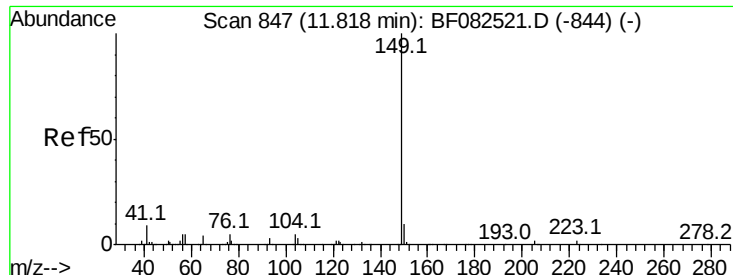


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.38 ng

RT: 11.81 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

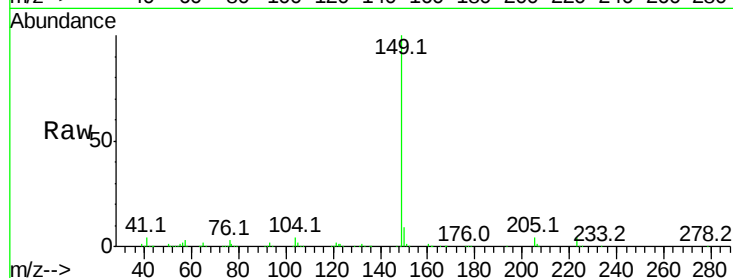
Tot Ion:149 Resp: 761241

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

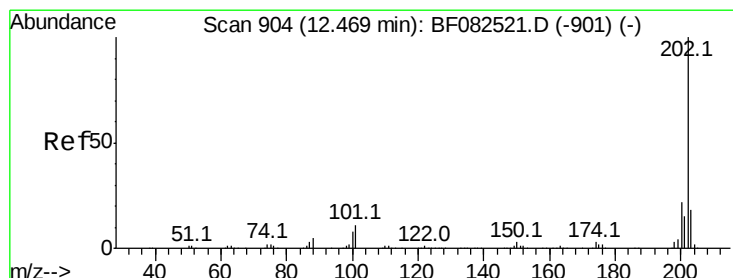
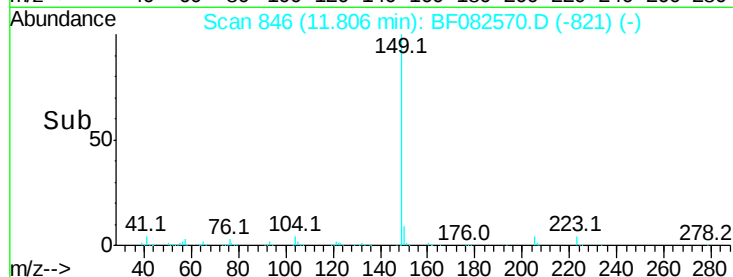
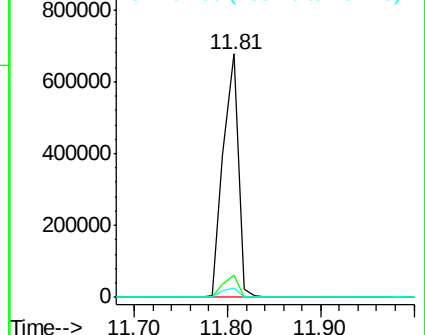
104 3.9 4.2 6.4#



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: 34.11 ng

RT: 12.45 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF082570.D

Acq: 28 Oct 2015 3:01

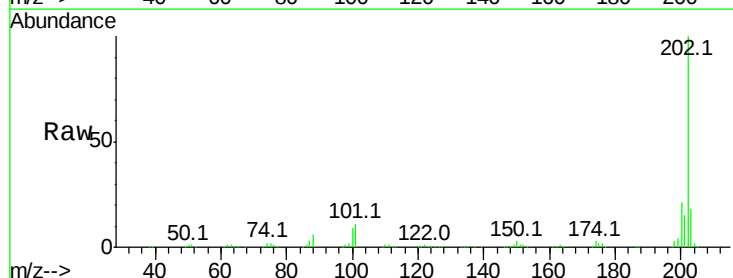
Tgt Ion:202 Resp: 567053

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.2

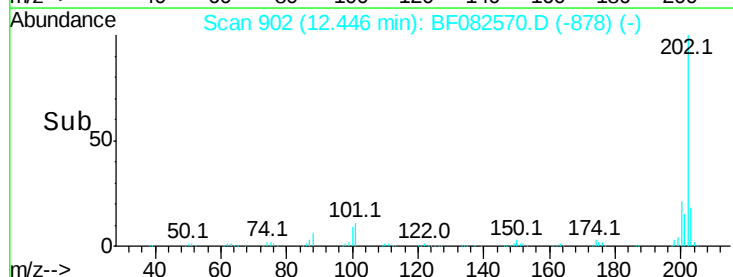
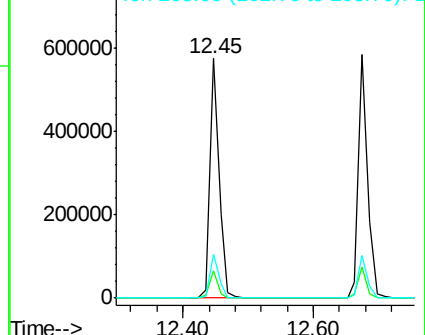
203 18.4 0.0 38.1

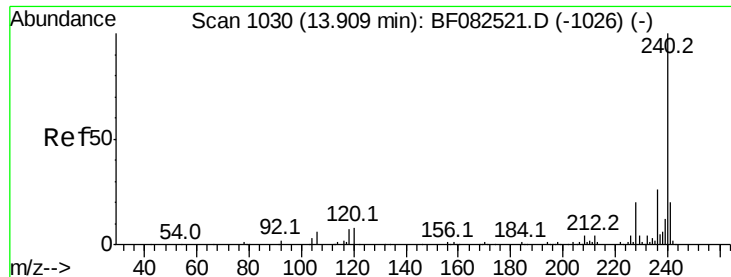


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

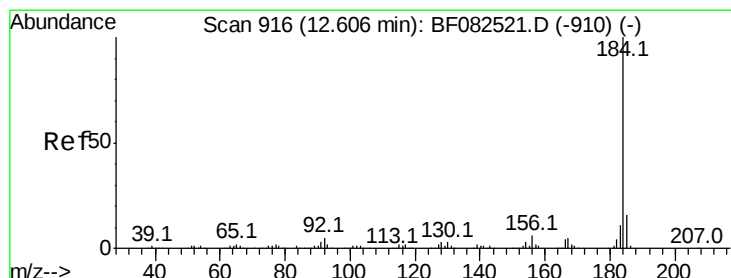
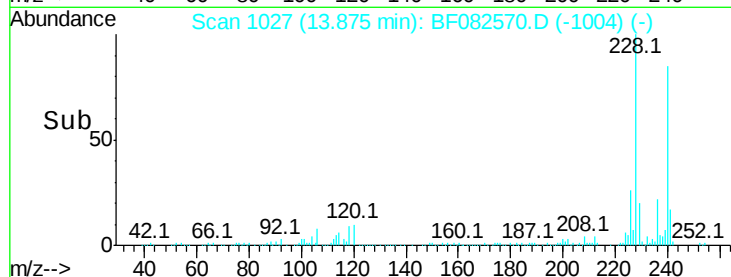
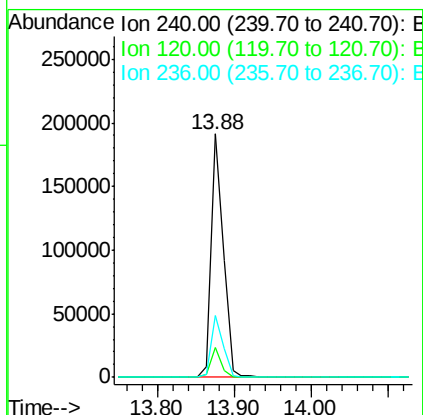
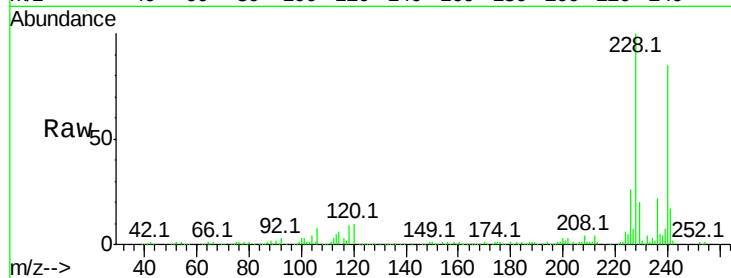




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1027
 Delta R.T. -0.03 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

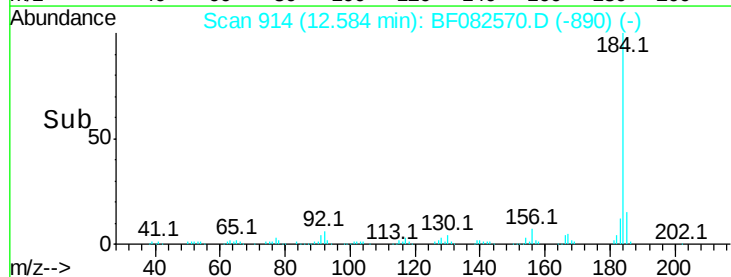
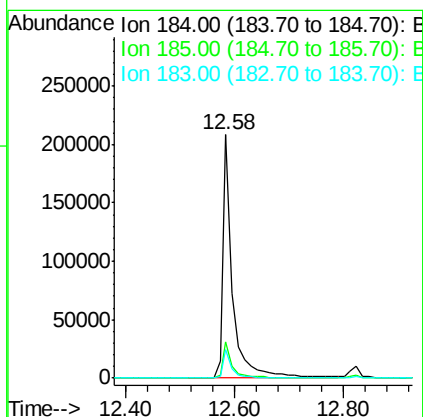
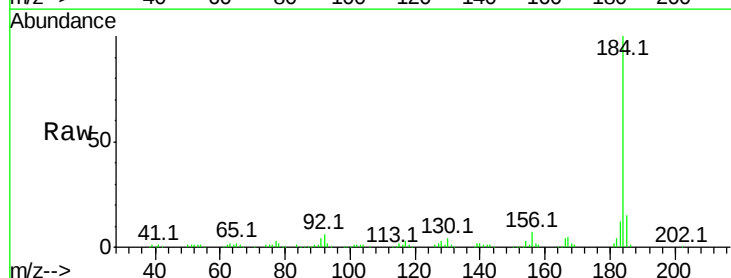
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

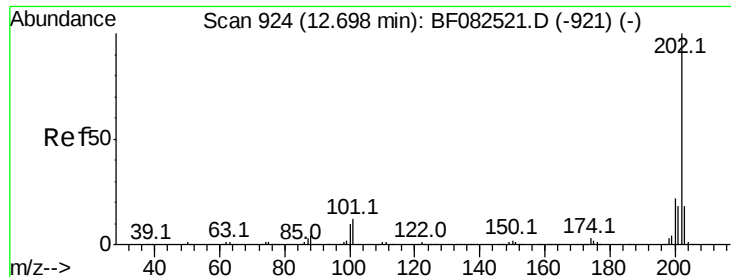
Tot Ion:240 Resp: 207739
 Ion Ratio Lower Upper
 240 100
 120 12.3 6.5 9.7#
 236 25.6 20.5 30.7



#76
 Benzidine
 Concen: 47.04 ng
 RT: 12.58 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:184 Resp: 268158
 Ion Ratio Lower Upper
 184 100
 185 14.7 12.8 19.2
 183 11.5 8.9 13.3

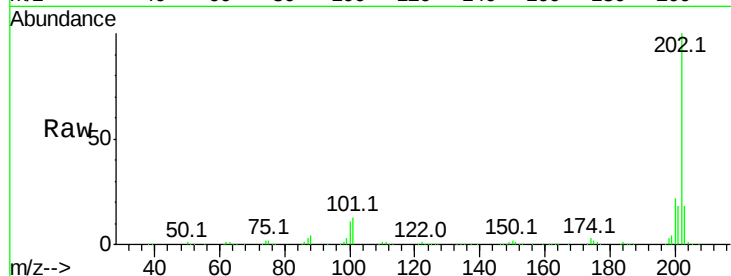




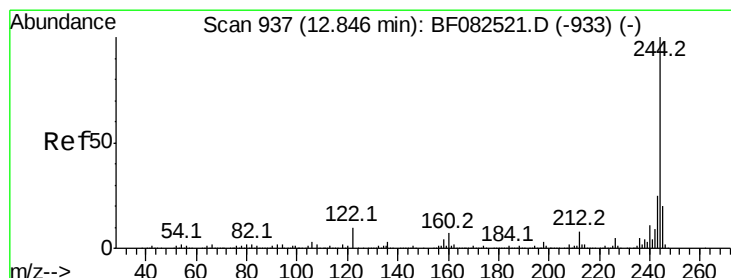
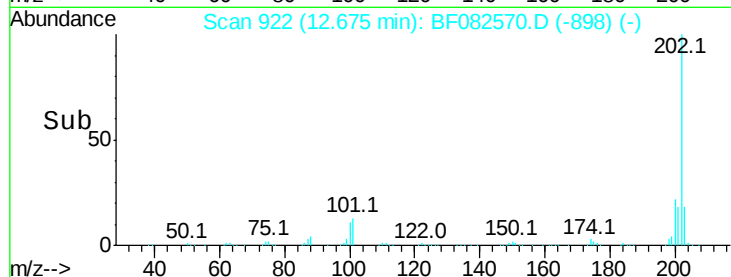
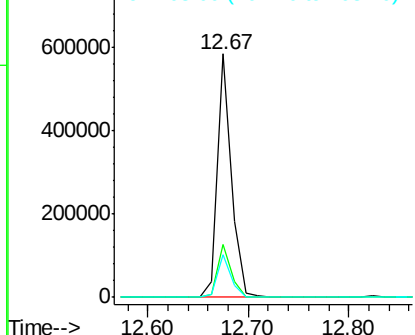
#77
Pvrene
Concen: 44.29 ng
RT: 12.67 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 565916
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.7 14.6 22.0

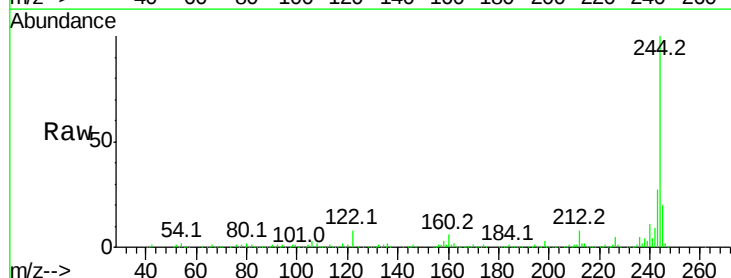


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

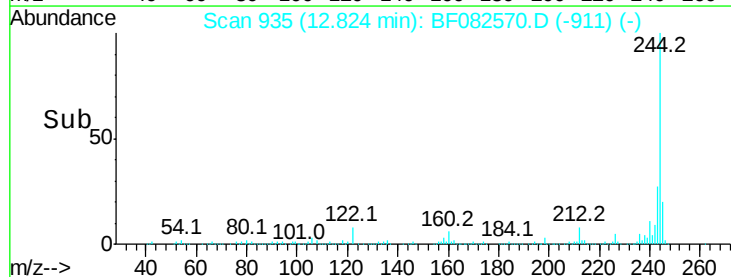
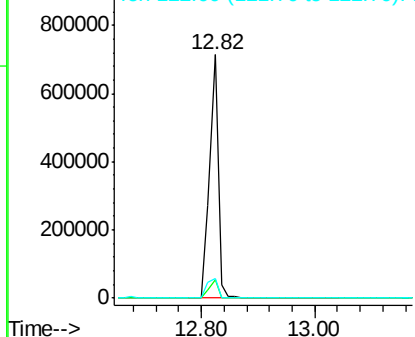


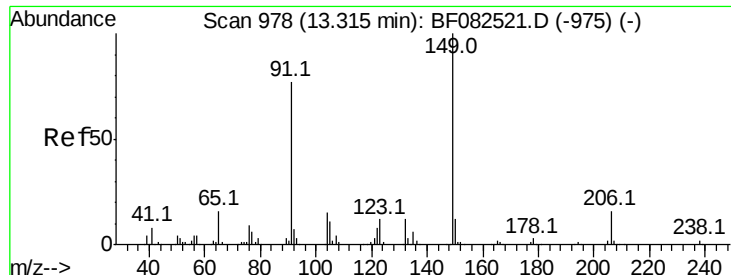
#78
Terphenyl-d14
Concen: 99.68 ng
RT: 12.82 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion:244 Resp: 718775
Ion Ratio Lower Upper
244 100
212 7.7 6.4 9.6
122 8.3 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

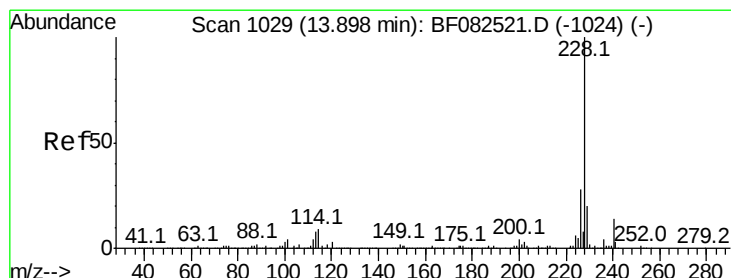
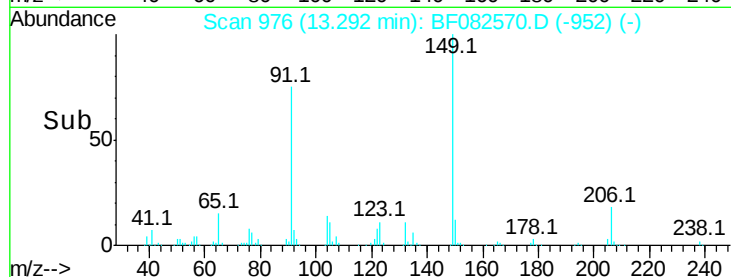
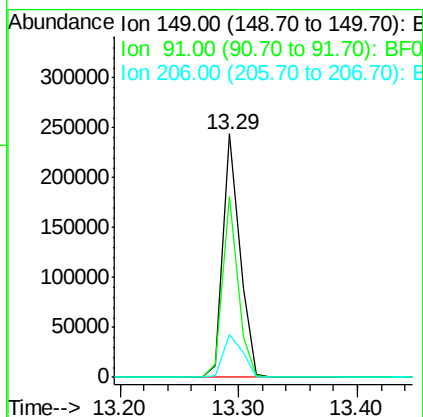
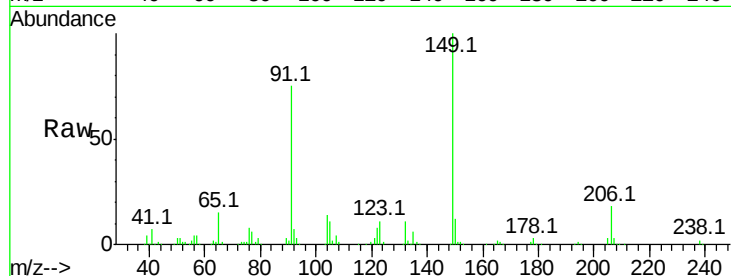




#79
Butylbenzylphthalate
Concen: 44.58 ng
RT: 13.29 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

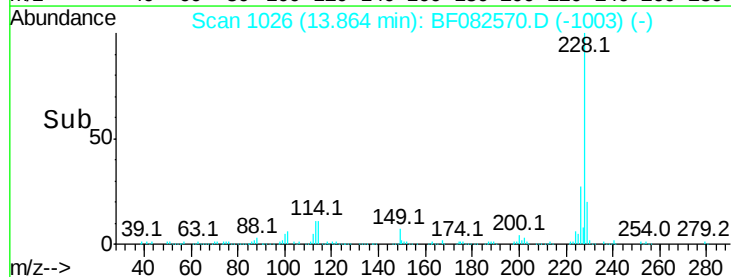
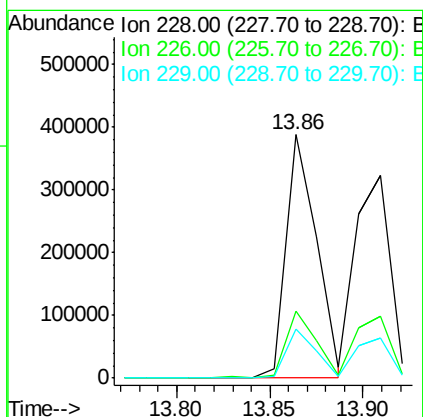
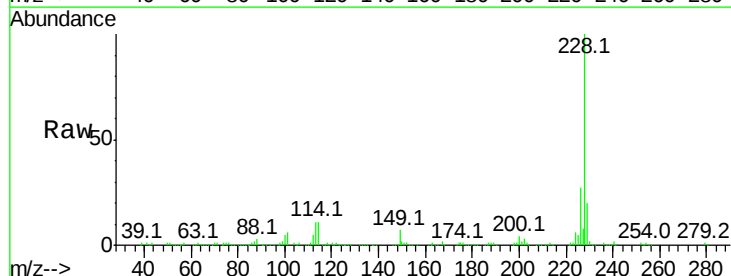
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

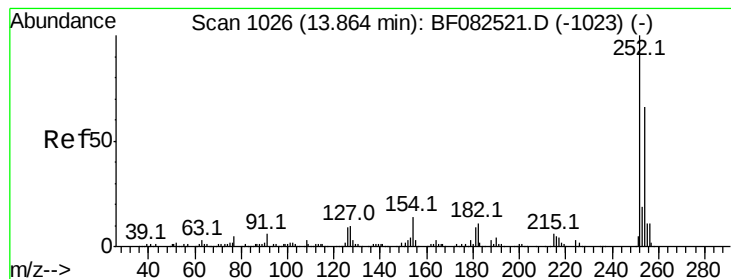
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.5	62.0	93.0
206	17.6	13.0	19.4



#80
Benzo(a)anthracene
Concen: 39.75 ng
RT: 13.86 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	20.1	16.1	24.1

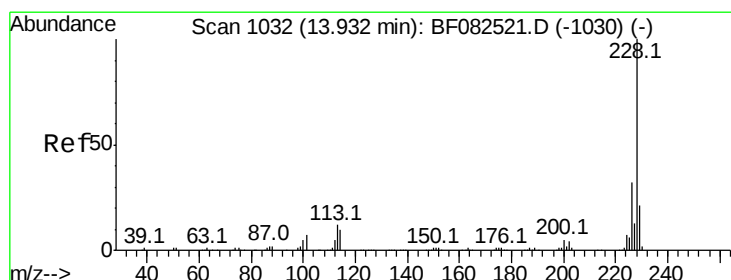
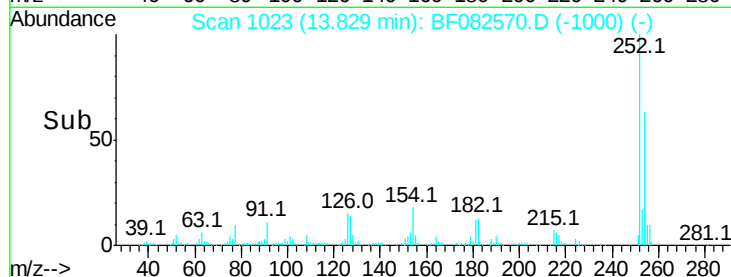
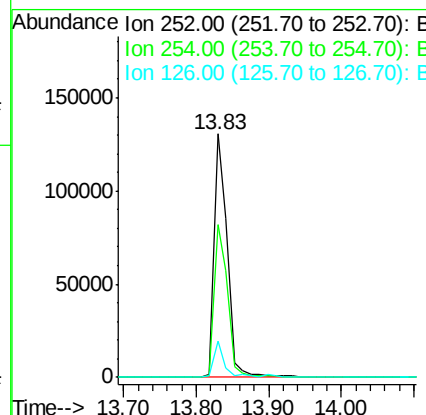
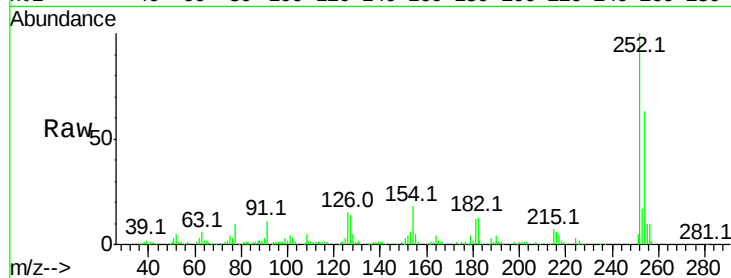




#81
 3,3'-Dichlorobenzidine
 Concen: 42.32 ng
 RT: 13.83 min Scan# 1023
 Delta R.T. -0.03 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

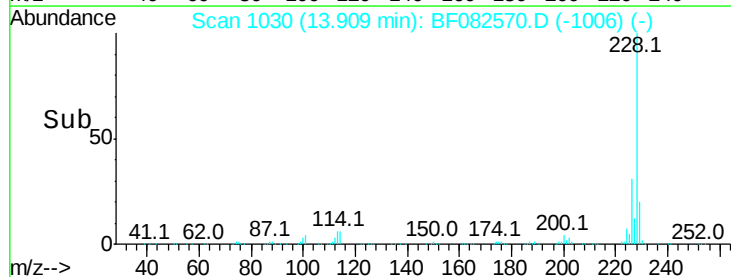
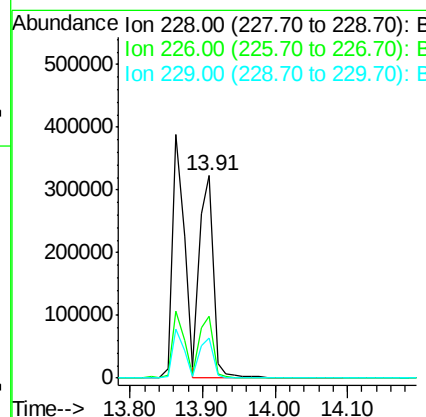
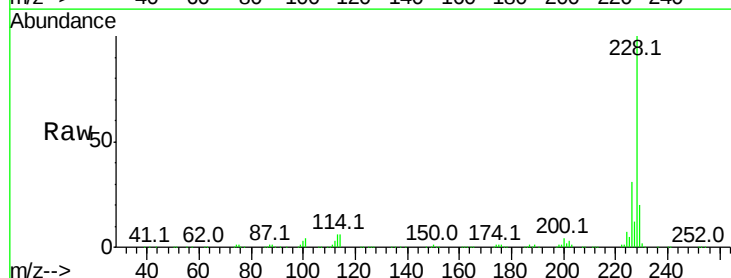
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

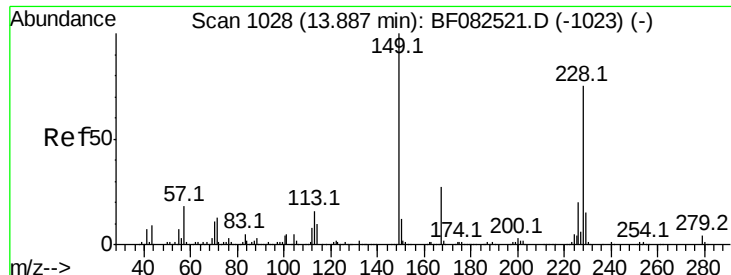
Tot Ion:252 Resp: 163423
 Ion Ratio Lower Upper
 252 100
 254 62.7 53.0 79.6
 126 14.6 7.4 11.2#



#82
 Chrysene
 Concen: 40.85 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:228 Resp: 429734
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.2 37.8
 229 19.7 16.3 24.5

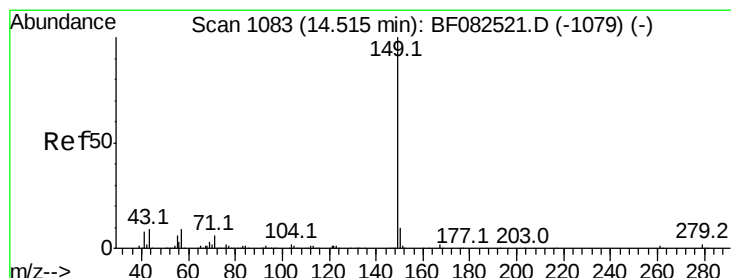
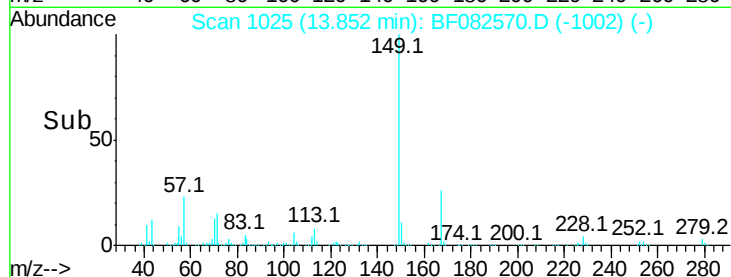
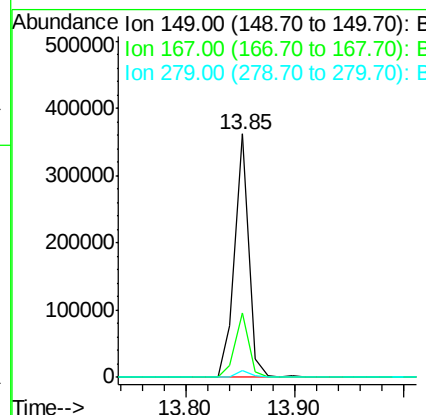
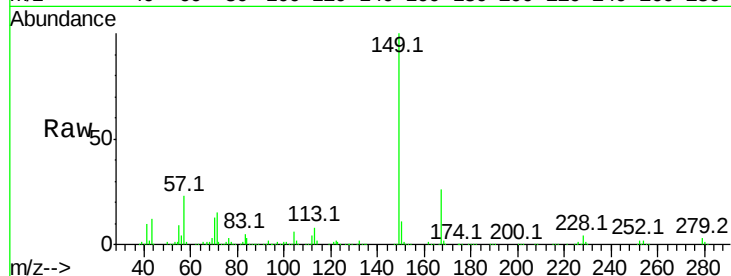




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.18 ng
 RT: 13.85 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

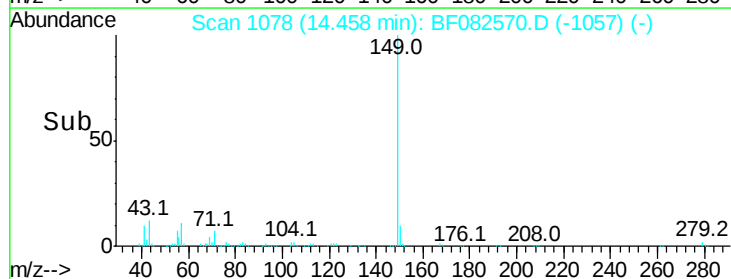
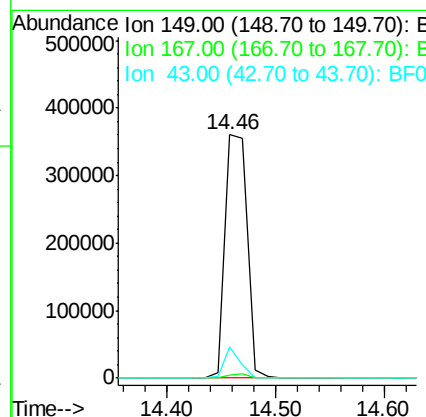
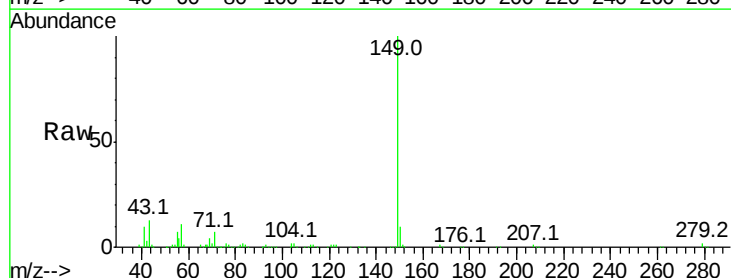
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

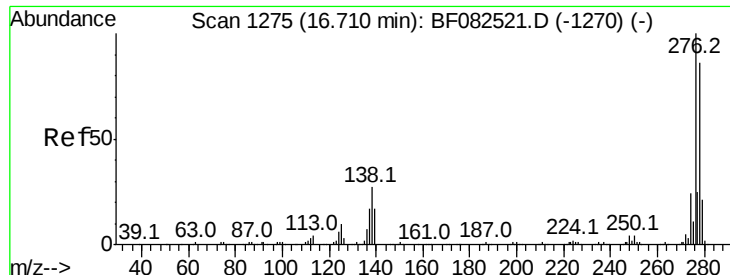
Tot Ion:149 Resp: 325051
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.8 32.6
 279 3.0 3.0 4.6#



#84
 Di-n-octyl phthalate
 Concen: 42.83 ng
 RT: 14.46 min Scan# 1078
 Delta R.T. -0.06 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:149 Resp: 508563
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 7.7 11.5

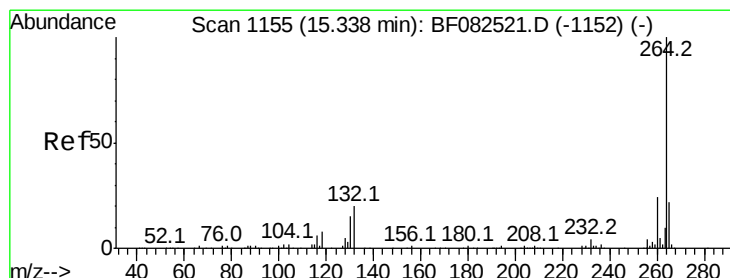
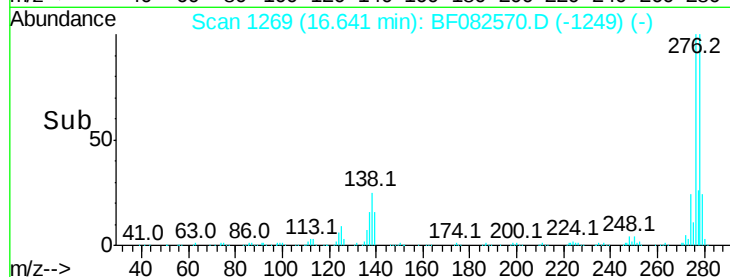
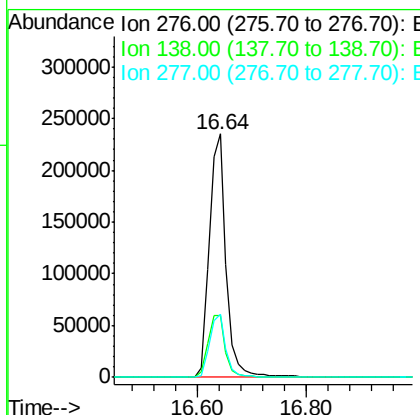
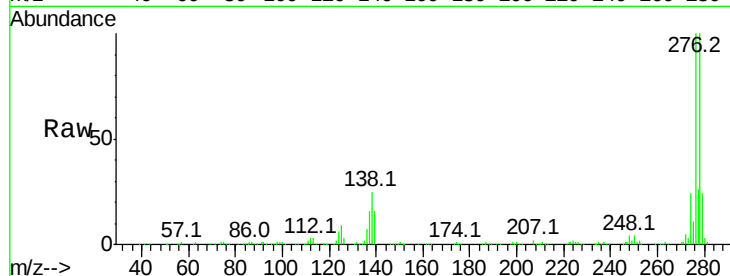




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.82 ng
 RT: 16.64 min Scan# 1269
 Delta R.T. -0.07 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

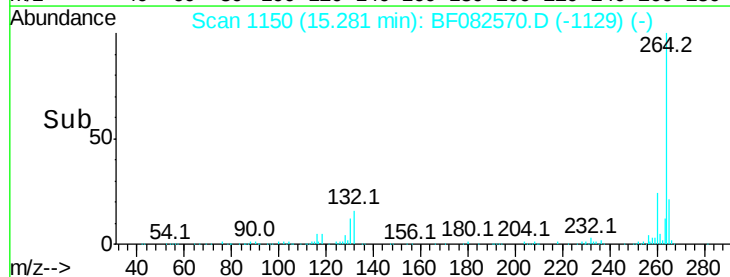
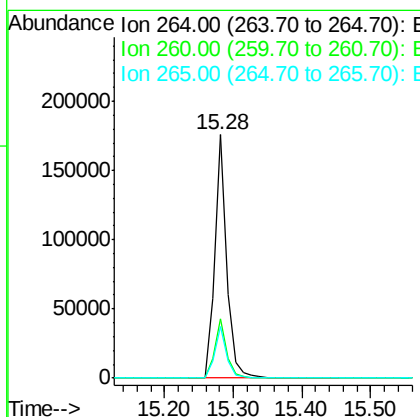
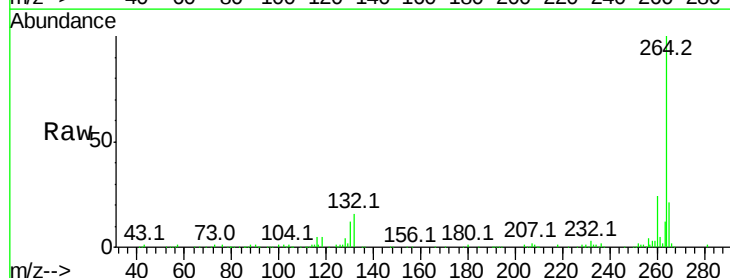
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

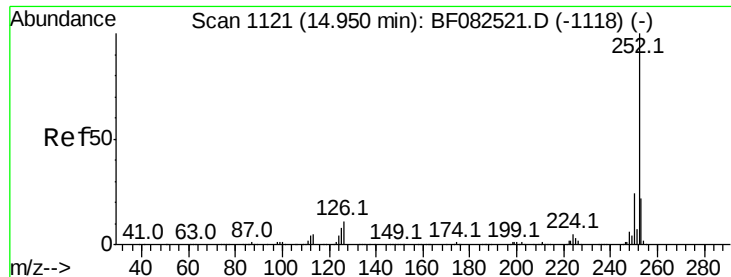
Tot Ion:276 Resp: 510487
 Ion Ratio Lower Upper
 276 100
 138 26.3 20.6 30.8
 277 25.2 19.9 29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1150
 Delta R.T. -0.06 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Tgt Ion:264 Resp: 217375
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.1 17.8 26.6

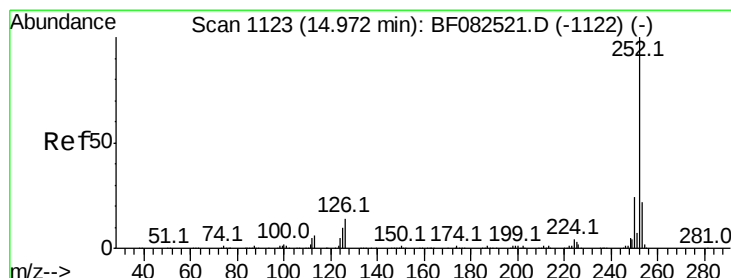
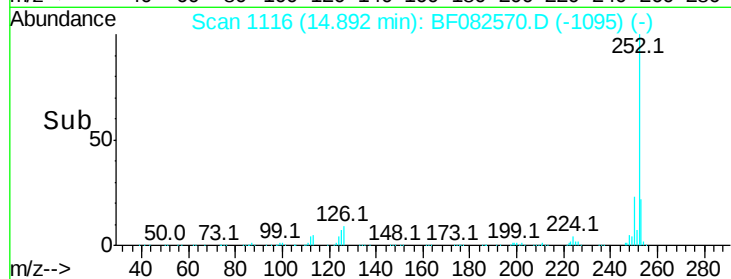
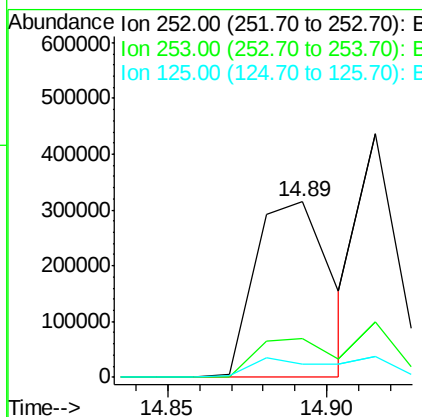
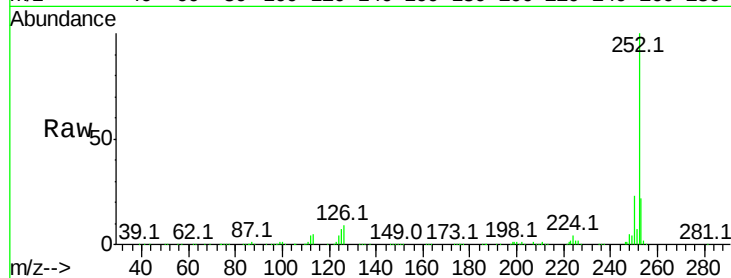




#87
Benzo(b)fluoranthene
Concen: 40.72 ng m
RT: 14.89 min Scan# 1116
Delta R.T. -0.06 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

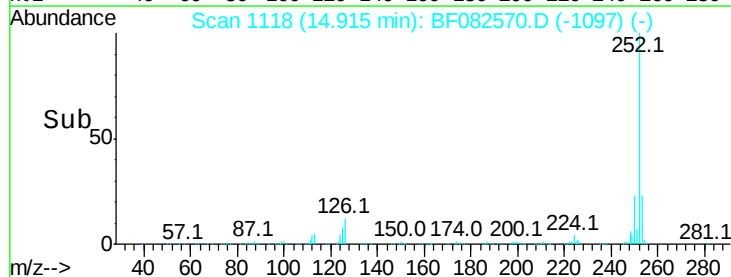
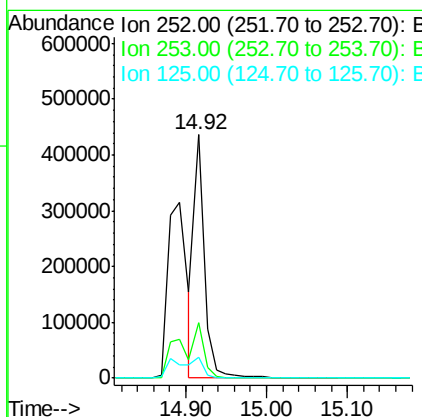
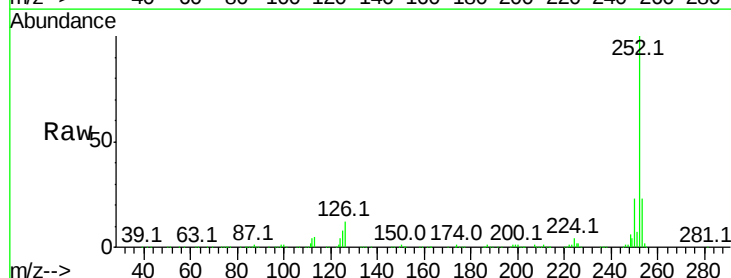
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

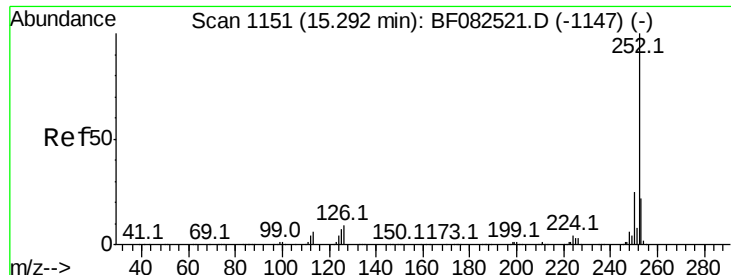
Tot Ion:252 Resp: 525717
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.3 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 36.97 ng m
RT: 14.92 min Scan# 1118
Delta R.T. -0.06 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion:252 Resp: 389095
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 8.5 8.7 13.1#

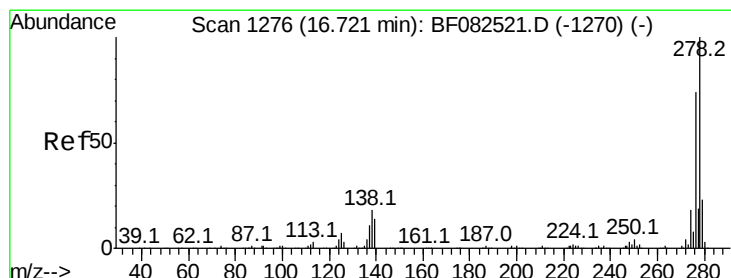
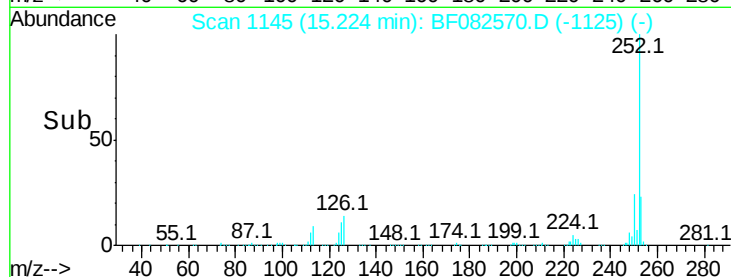
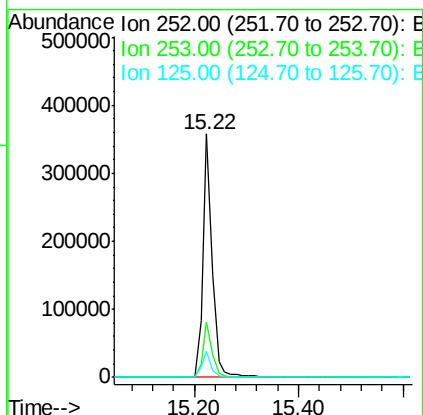
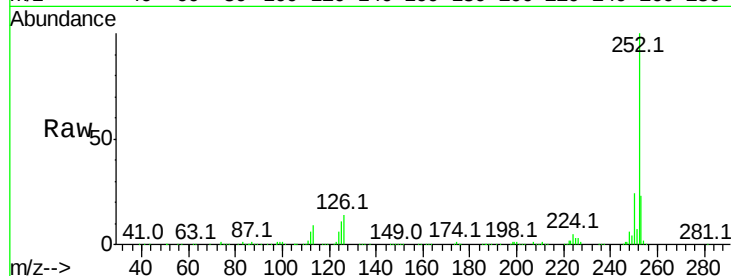




#89
Benzo(a)pyrene
Concen: 39.09 ng
RT: 15.22 min Scan# 1145
Delta R.T. -0.07 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

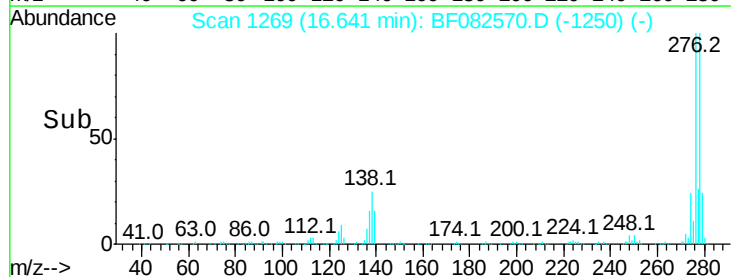
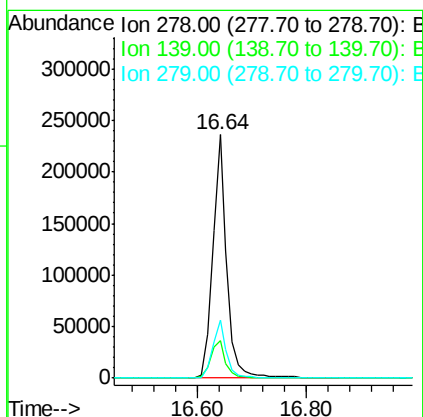
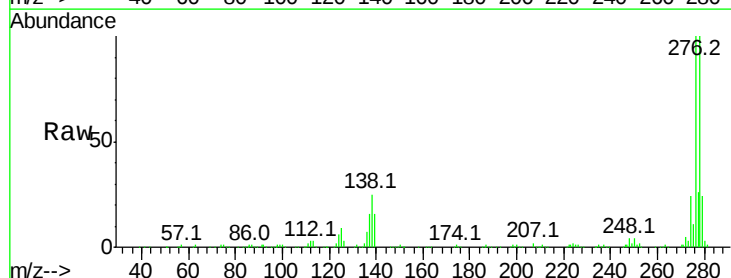
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

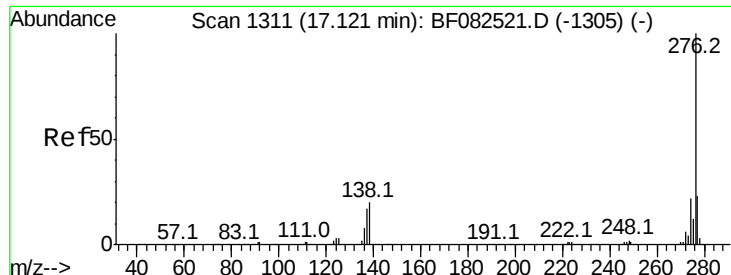
Tot Ion:252 Resp: 437138
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 10.8 5.9 8.9#



#90
Dibenzo(a,h)anthracene
Concen: 45.96 ng
RT: 16.64 min Scan# 1269
Delta R.T. -0.08 min
Lab File: BF082570.D
Acq: 28 Oct 2015 3:01

Tgt Ion:278 Resp: 430057
Ion Ratio Lower Upper
278 100
139 15.7 11.6 17.4
279 23.9 18.7 28.1





#91
 Benzo(a,h,i)perylene
 Concen: 44.28 ng
 RT: 17.04 min Scan# 1304
 Delta R.T. -0.08 min
 Lab File: BF082570.D
 Acq: 28 Oct 2015 3:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.3	27.5
138	21.4	16.0	24.0

