

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083514.D
 Acq On : 5 Dec 2015 14:57
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 07 00:19:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	133878	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	523451	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	254893	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	481027	20.00	ng	0.00
75) Chrysene-d12	17.05	240	380834	20.00	ng	0.00
86) Perylene-d12	18.67	264	317129	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	733602	83.13	ng	0.00
7) Phenol-d6	5.32	99	974008	80.11	ng	0.00
23) Nitrobenzene-d5	6.60	82	913044	81.54	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	194733	82.82	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1489658	79.27	ng	-0.01
78) Terphenyl-d14	15.48	244	1391359	81.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	167194	36.12	ng	99
3) Pyridine	2.30	79	473120	42.83	ng	98
4) n-Nitrosodimethylamine	2.27	42	199782	35.91	ng	84
6) Aniline	5.32	93	649745	41.06	ng	96
8) 2-Chlorophenol	5.48	128	401805	40.94	ng	98
9) Benzaldehyde	5.16	77	281243	40.35	ng	99
10) Phenol	5.34	94	556607	39.15	ng	# 77
11) bis(2-Chloroethyl)ether	5.42	93	423784	40.22	ng	98
12) 1,3-Dichlorobenzene	5.69	146	436992	40.15	ng	98
13) 1,4-Dichlorobenzene	5.79	146	441318	39.71	ng	98
14) 1,2-Dichlorobenzene	6.01	146	417320	40.83	ng	97
15) Benzyl Alcohol	6.01	79	350785	41.59	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	776305	39.74	ng	97
17) 2-Methylphenol	6.20	107	328688	40.58	ng	98
18) Hexachloroethane	6.49	117	157901	40.71	ng	# 84
19) n-Nitroso-di-n-propylamine	6.40	70	327189	40.34	ng	# 91
20) 3+4-Methylphenols	6.43	107	436687	41.50	ng	99
22) Acetophenone	6.38	105	623058	41.32	ng	99
24) Nitrobenzene	6.62	77	478066	38.76	ng	98
25) Isophorone	7.00	82	866236	40.28	ng	99
26) 2-Nitrophenol	7.10	139	202675	41.65	ng	99
27) 2,4-Dimethylphenol	7.23	122	353185	41.07	ng	99
28) bis(2-Chloroethoxy)methane	7.36	93	488182	40.73	ng	99
29) 2,4-Dichlorophenol	7.50	162	320628	41.29	ng	98
30) 1,2,4-Trichlorobenzene	7.60	180	346659	40.38	ng	100
31) Naphthalene	7.71	128	1121108	40.24	ng	99
32) Benzoic acid	7.49	122	156437	33.38	ng	97
33) 4-Chloroaniline	7.82	127	450302	41.31	ng	99
34) Hexachlorobutadiene	7.92	225	201810	39.78	ng	98
35) Caprolactam	8.43	113	100663	40.76	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	357933	40.96	ng	100
37) 2-Methylnaphthalene	8.81	142	700726	40.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	337548	40.27	ng	# 100
40) Hexachlorocyclopentadiene	9.06	237	92972	35.00	ng	96

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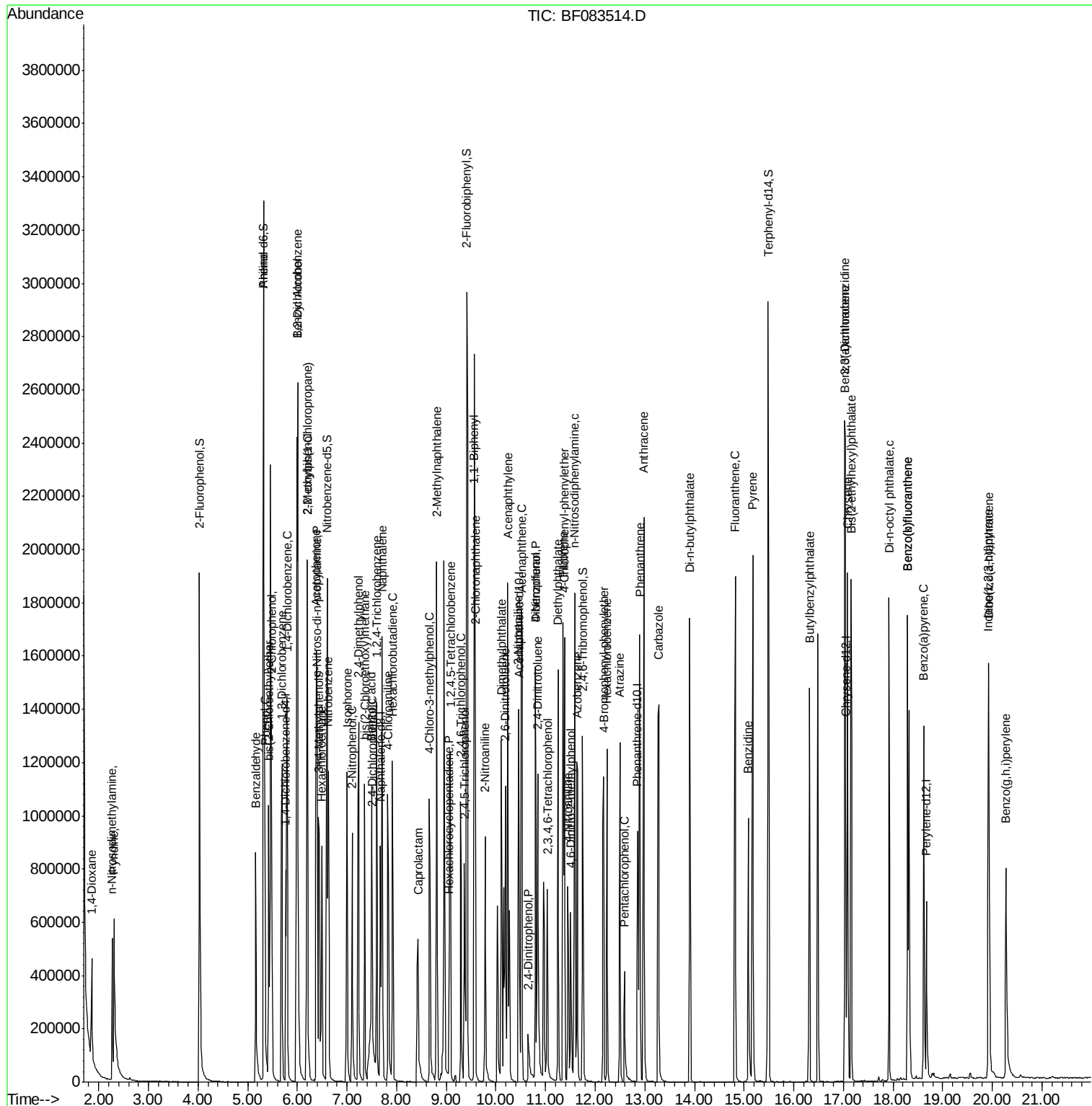
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	218685	41.56	nq	99
43) 2,4,5-Trichlorophenol	9.37	196	217681	40.16	nq	98
45) 1,1'-Biphenyl	9.56	154	896434	39.58	nq	98
46) 2-Chloronaphthalene	9.58	162	683032	40.02	nq	99
47) 2-Nitroaniline	9.78	65	249278	41.00	nq	99
48) Acenaphthylene	10.24	152	1138115	40.72	nq	99
49) Dimethylphthalate	10.11	163	802033	39.98	nq	98
50) 2,6-Dinitrotoluene	10.19	165	174744	41.37	nq	98
51) Acenaphthene	10.52	154	642370	39.94	nq	99
52) 3-Nitroaniline	10.45	138	189469	41.60	nq	92
53) 2,4-Dinitrophenol	10.65	184	57801	31.63	nq	91
54) Dibenzofuran	10.80	168	897733	40.29	nq	96
55) 4-Nitrophenol	10.80	139	426273	166.18	nq	# 6
56) 2,4-Dinitrotoluene	10.84	165	227583	41.25	nq	# 97
57) Fluorene	11.36	166	787966	40.65	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.04	232	162317	40.04	nq	# 100
59) Diethylphthalate	11.25	149	782631	40.54	nq	99
60) 4-Chlorophenyl-phenylether	11.38	204	366448	39.45	nq	98
61) 4-Nitroaniline	11.45	138	176291	42.72	nq	90
62) Azobenzene	11.63	77	808842	39.27	nq	94
64) 4,6-Dinitro-2-methylphenol	11.51	198	115034	36.35	nq	93
65) n-Nitrosodiphenylamine	11.59	169	644705	40.48	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	209294	39.82	nq	96
67) Hexachlorobenzene	12.24	284	225251	40.09	nq	98
68) Atrazine	12.50	200	195030	40.50	nq	99
69) Pentachlorophenol	12.59	266	91364	38.23	nq	94
70) Phenanthrene	12.90	178	1126227	40.22	nq	99
71) Anthracene	12.98	178	1162074	40.70	nq	99
72) Carbazole	13.28	167	1016293	41.45	nq	100
73) Di-n-butylphthalate	13.91	149	1241491	42.04	nq	99
74) Fluoranthene	14.82	202	1150872	41.47	nq	99
76) Benzidine	15.08	184	563104	40.93	nq	98
77) Pyrene	15.17	202	1159372	40.70	nq	99
79) Butylbenzylphthalate	16.32	149	505982	45.17	nq	99
80) Benzo(a)anthracene	17.04	228	901086	40.44	nq	99
81) 3,3'-Dichlorobenzidine	17.03	252	296591	41.62	nq	98
82) Chrysene	17.08	228	909664	40.98	nq	98
83) Bis(2-ethylhexyl)phthalate	17.15	149	672440	45.74	nq	# 95
84) Di-n-octyl phthalate	17.92	149	971757	46.35	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.92	276	806848	42.40	nq	# 100
87) Benzo(b)fluoranthene	18.29	252	1454589	81.67	nq	100
88) Benzo(k)fluoranthene	18.29	252	1455137	79.76	nq	# 95
89) Benzo(a)pyrene	18.61	252	692330	39.96	nq	97
90) Dibenzo(a,h)anthracene	19.93	278	696139	41.77	nq	99
91) Benzo(g,h,i)perylene	20.27	276	686818	40.89	nq	100

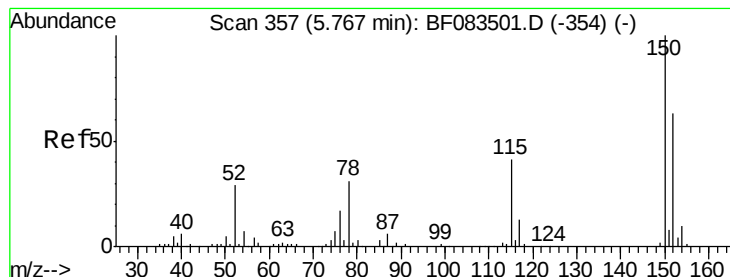
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 357

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

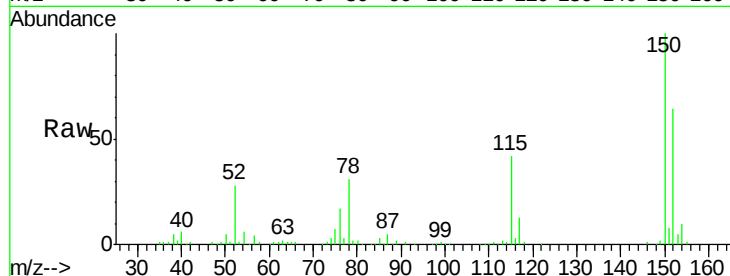
Tot Ion:152 Resp: 133878

Ion Ratio Lower Upper

152 100

150 157.2 126.5 189.7

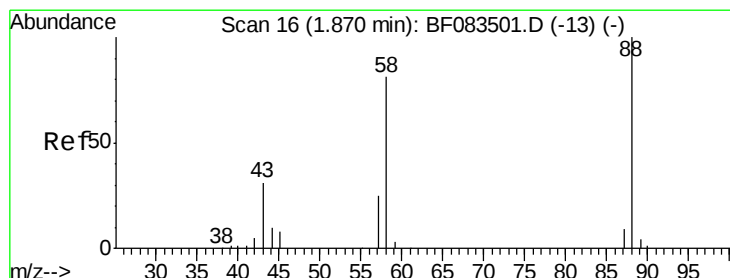
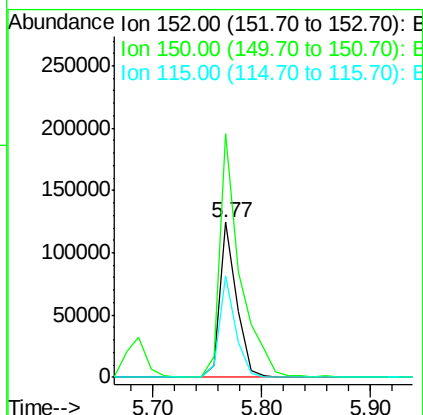
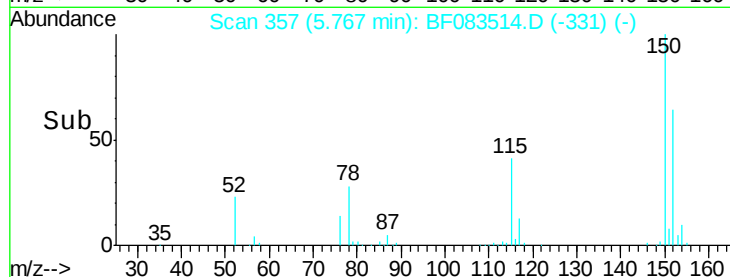
115 65.5 52.3 78.5



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: 36.12 ng

RT: 1.86 min Scan# 15

Delta R.T. -0.01 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

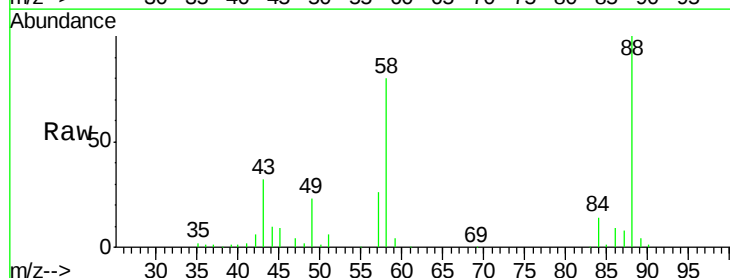
Tgt Ion: 88 Resp: 167194

Ion Ratio Lower Upper

88 100

58 85.7 68.0 102.0

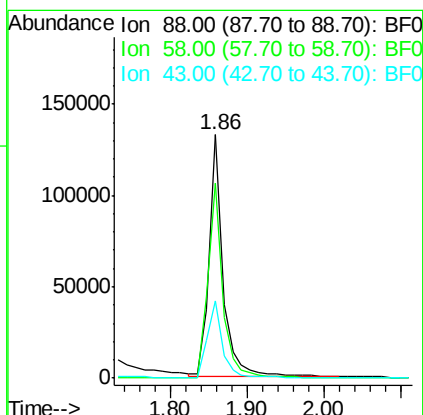
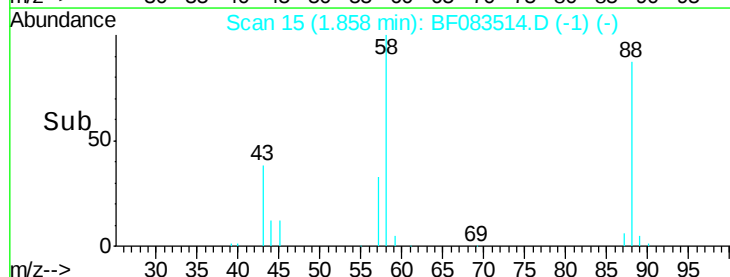
43 35.5 27.9 41.9

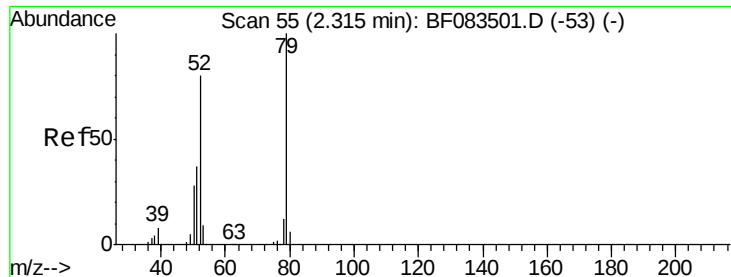


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.83 ng

RT: 2.30 min Scan# 54

Delta R.T. -0.01 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

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BNA_F

ClientSampleId :

SSTDCCC040

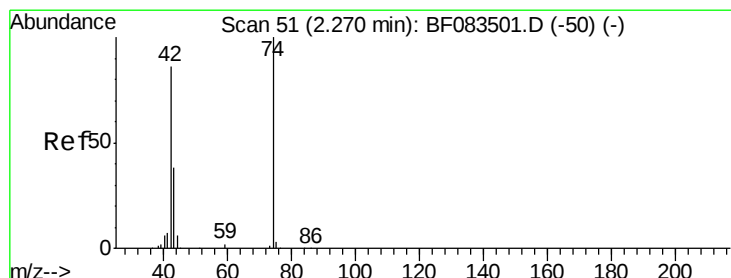
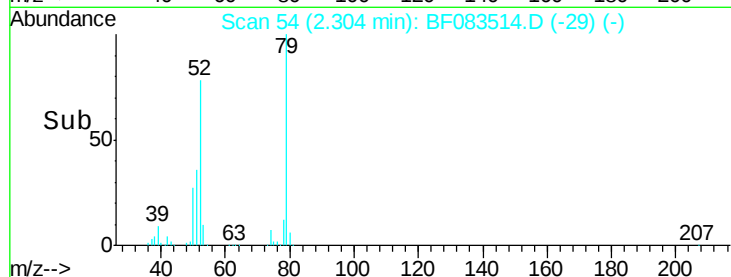
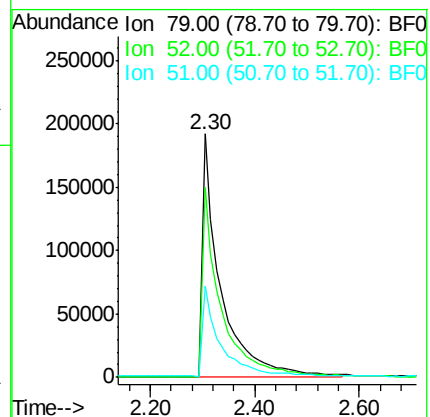
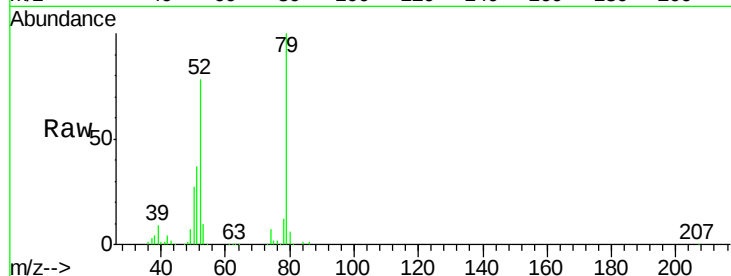
Tot Ion: 79 Resp: 473120

Ion Ratio Lower Upper

79 100

52 78.0 63.7 95.5

51 37.4 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 35.91 ng

RT: 2.27 min Scan# 51

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

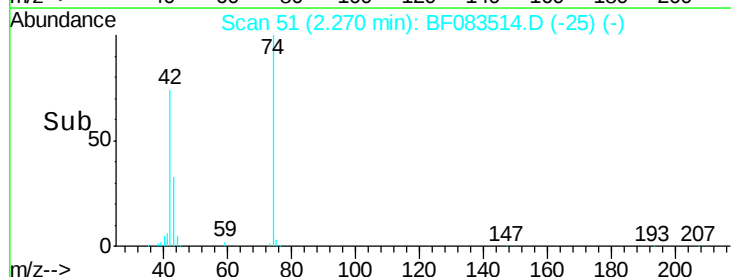
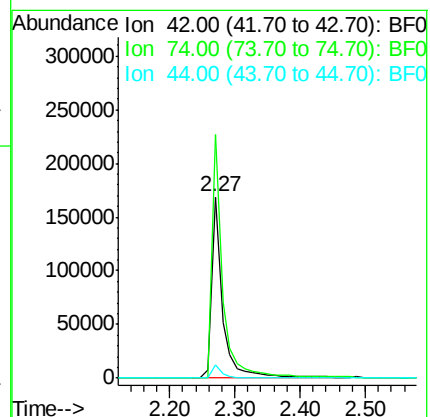
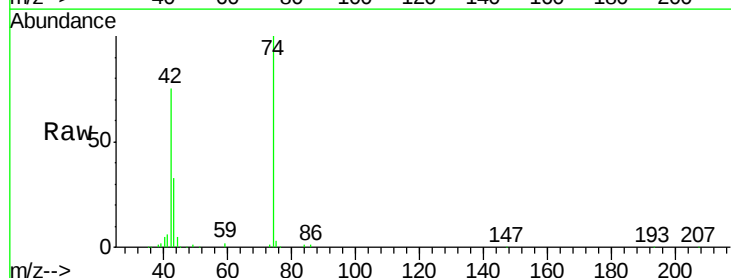
Tgt Ion: 42 Resp: 199782

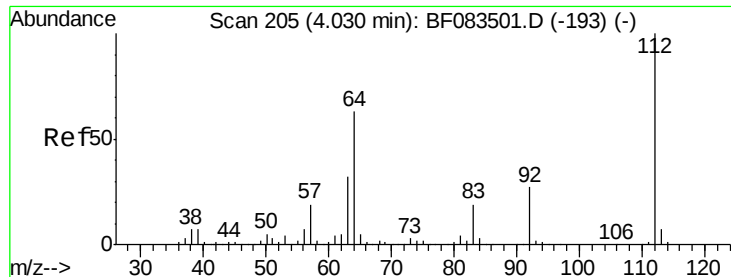
Ion Ratio Lower Upper

42 100

74 134.1 92.9 139.3

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 83.13 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

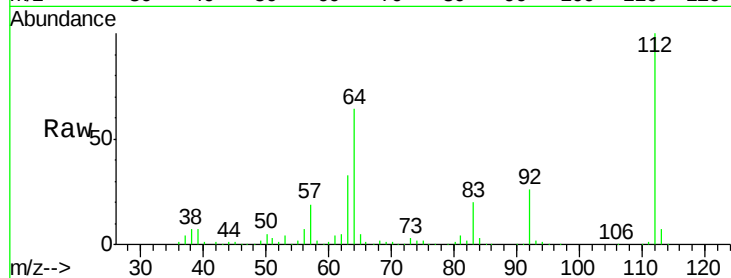
Tot Ion: 112 Resp: 733602

Ion Ratio Lower Upper

112 100

64 64.3 50.5 75.7

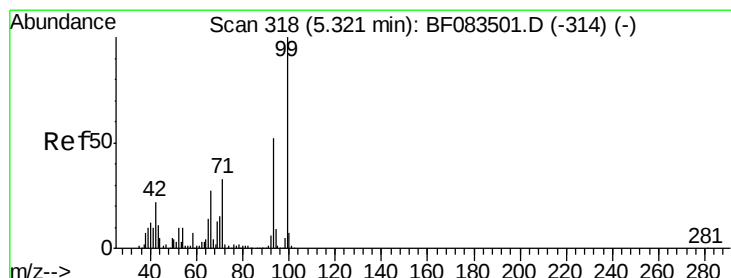
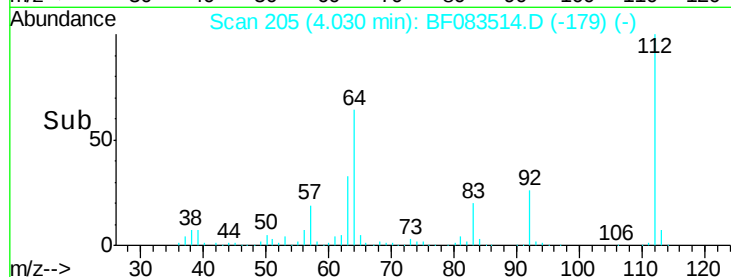
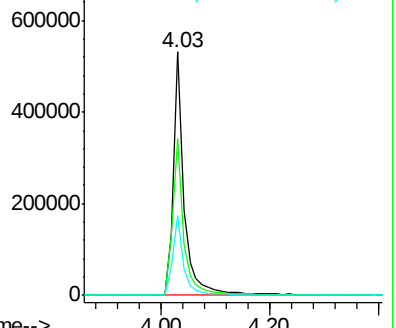
63 32.9 25.8 38.6



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: 41.06 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

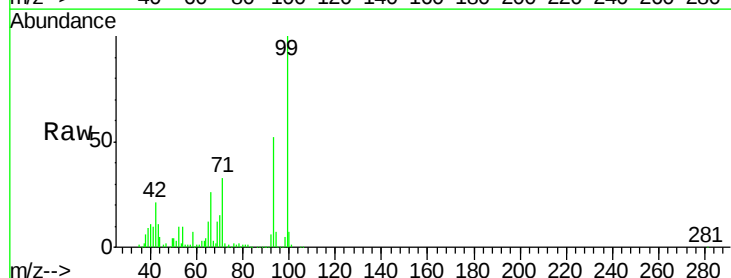
Tgt Ion: 93 Resp: 649745

Ion Ratio Lower Upper

93 100

66 49.7 41.3 61.9

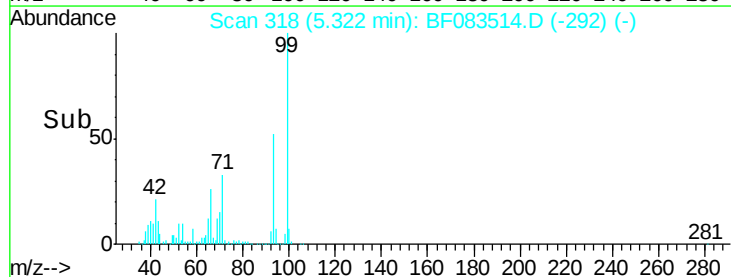
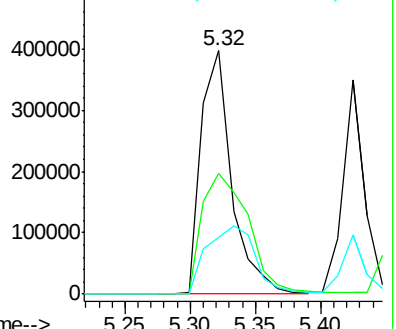
65 23.3 20.8 31.2

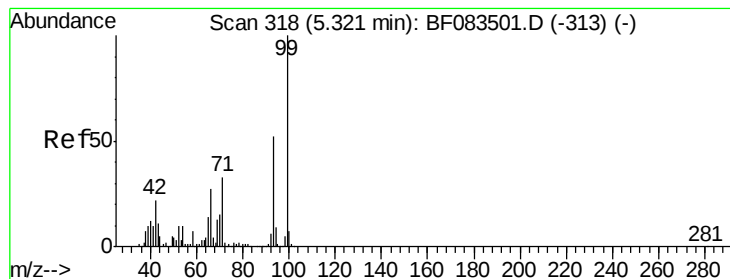


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.11 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

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ClientSampleId :

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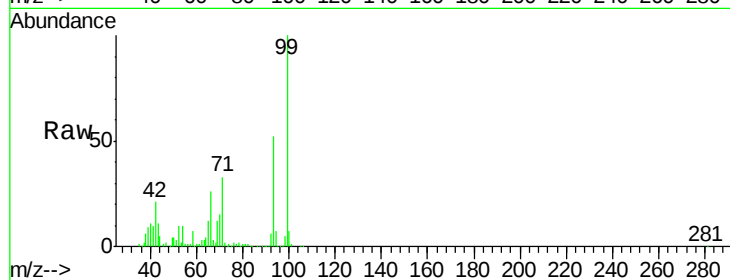
Tot Ion: 99 Resp: 974008

Ion Ratio Lower Upper

99 100

42 21.3 17.3 25.9

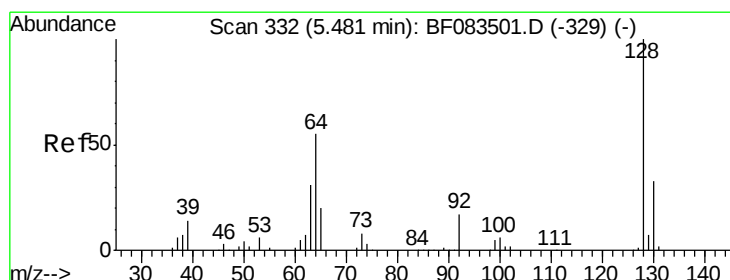
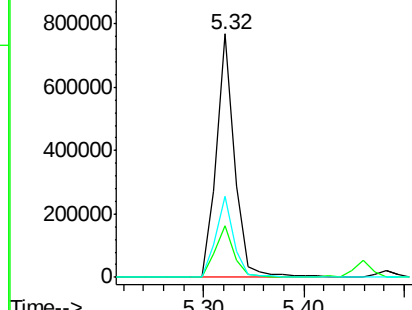
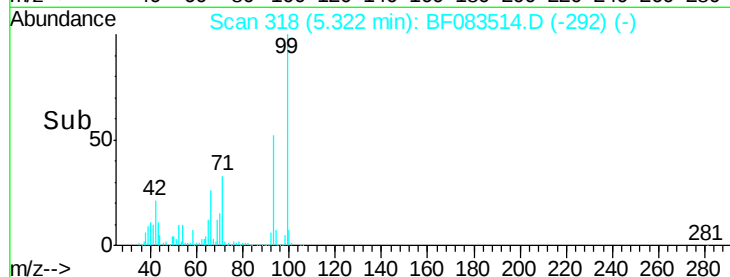
71 33.2 26.6 40.0



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: 40.94 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

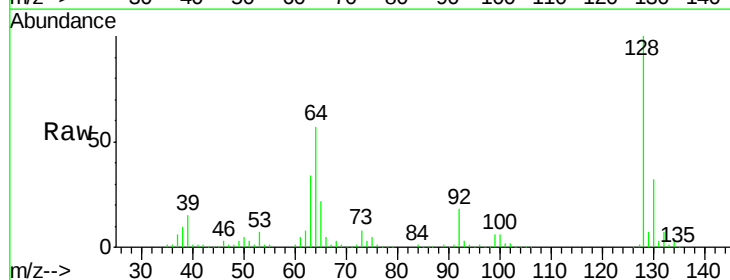
Tgt Ion: 128 Resp: 401805

Ion Ratio Lower Upper

128 100

130 31.9 12.6 52.6

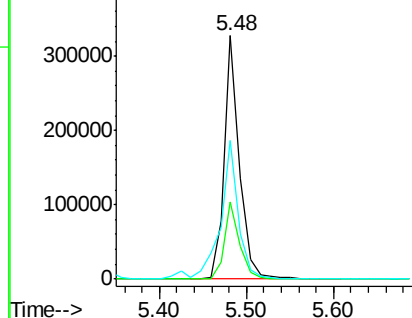
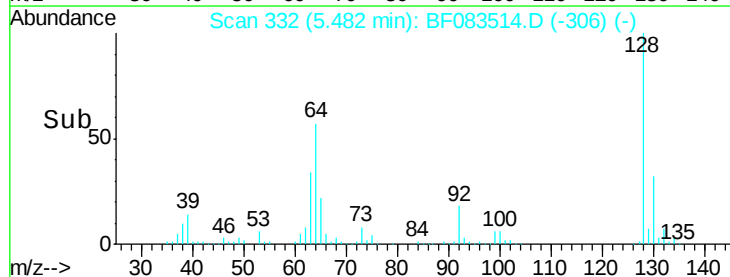
64 56.9 38.6 78.6

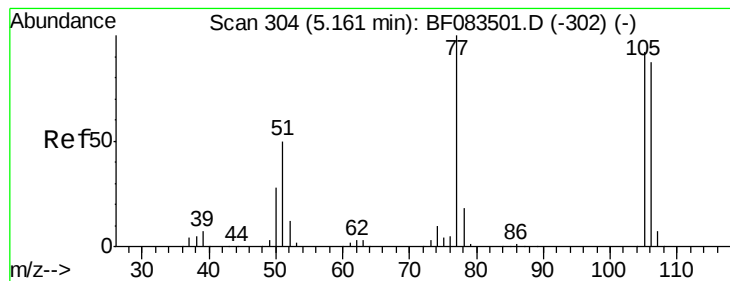


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.35 ng

RT: 5.16 min Scan# 304

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

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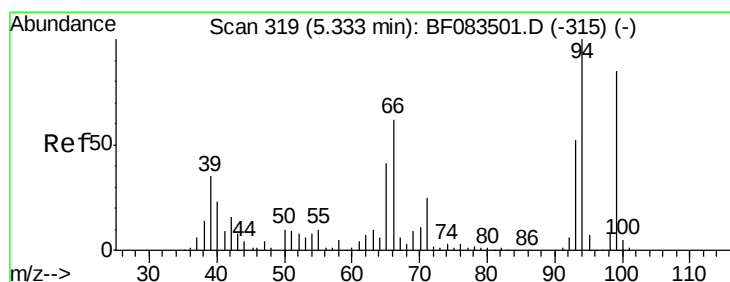
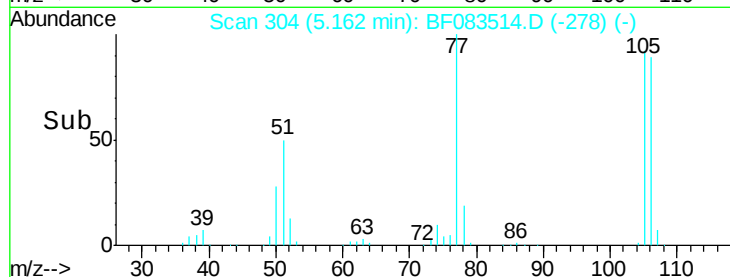
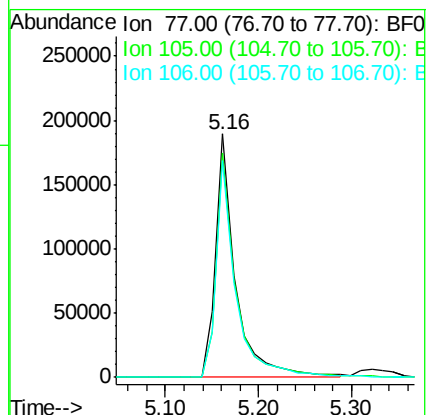
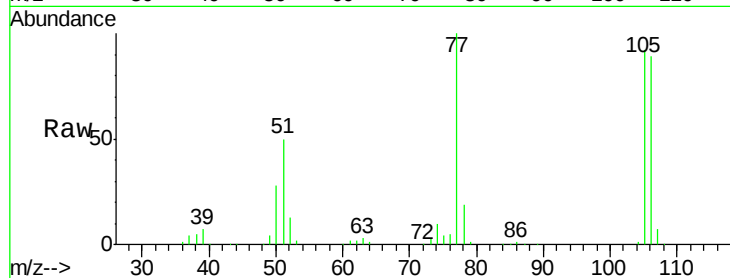
Tot Ion: 77 Resp: 281243

Ion Ratio Lower Upper

77 100

105 92.2 71.8 111.8

106 89.3 66.8 106.8



#10

Phenol

Concen: 39.15 ng

RT: 5.34 min Scan# 320

Delta R.T. 0.01 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

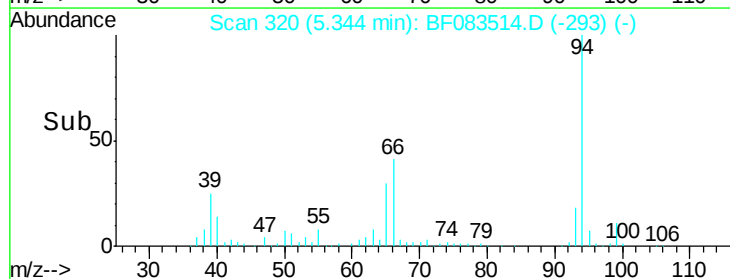
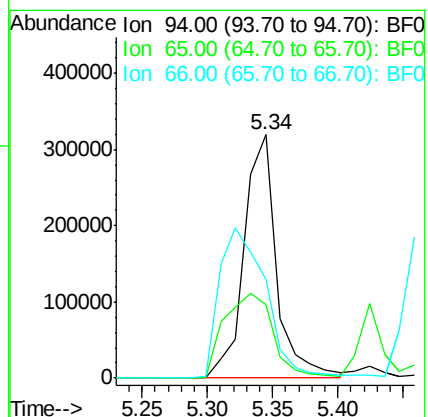
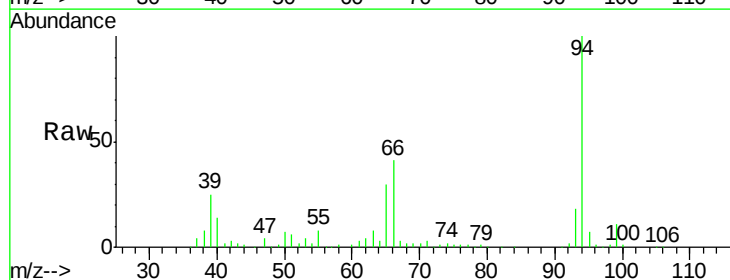
Tgt Ion: 94 Resp: 556607

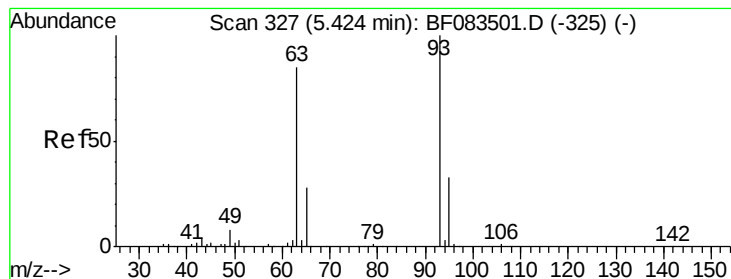
Ion Ratio Lower Upper

94 100

65 30.4 20.9 60.9

66 40.9 41.6 81.6#





#11

bis(2-Chloroethyl)ether

Concen: 40.22 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

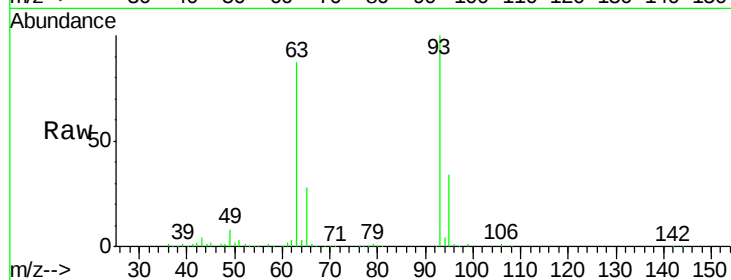
Tot Ion: 93 Resp: 423784

Ion Ratio Lower Upper

93 100

63 86.6 64.7 104.7

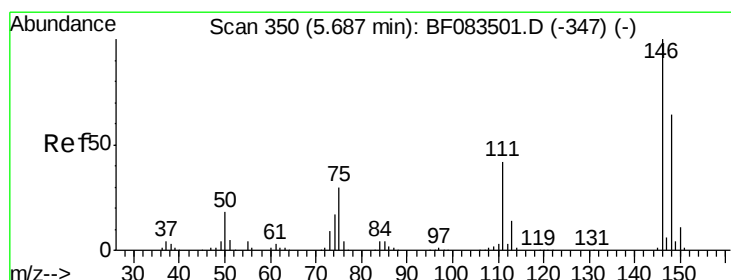
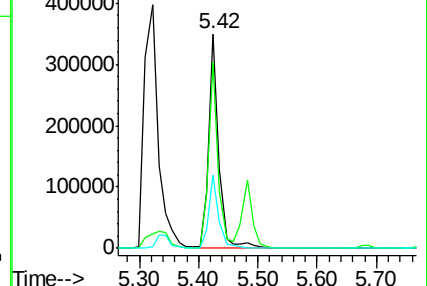
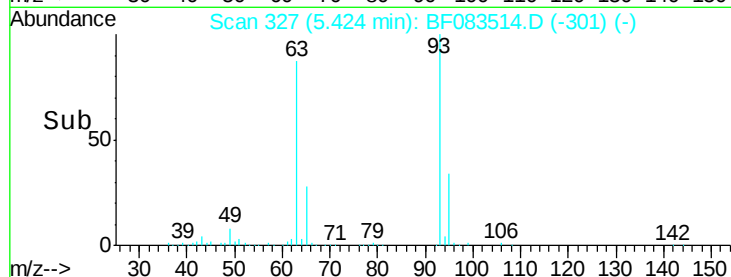
95 34.2 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.15 ng

RT: 5.69 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

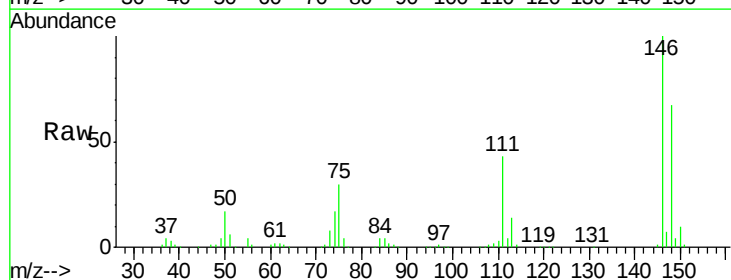
Tgt Ion: 146 Resp: 436992

Ion Ratio Lower Upper

146 100

148 66.7 51.3 76.9

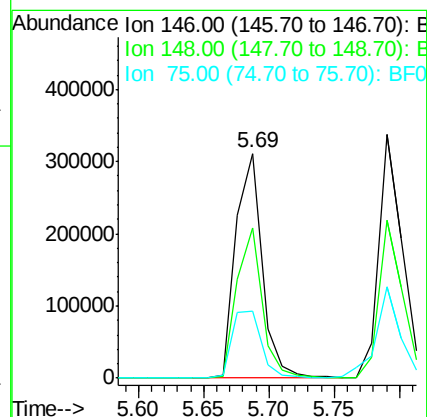
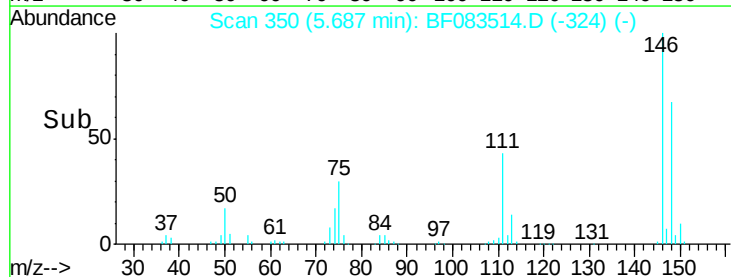
75 30.0 24.1 36.1

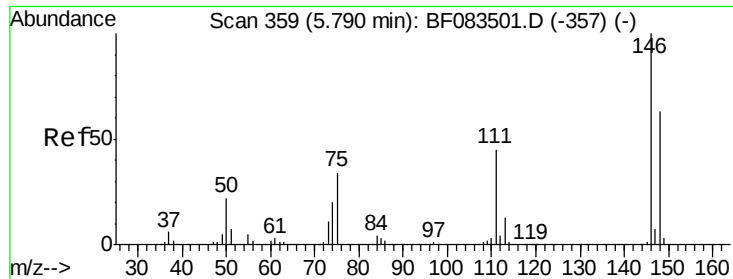


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

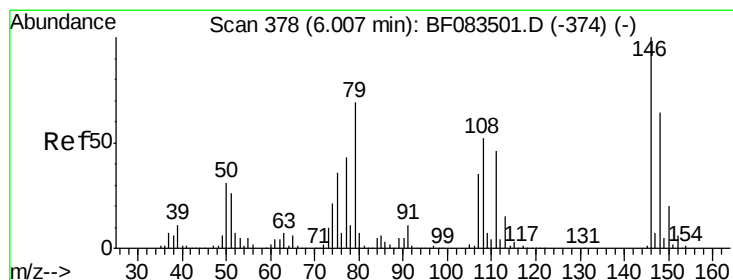
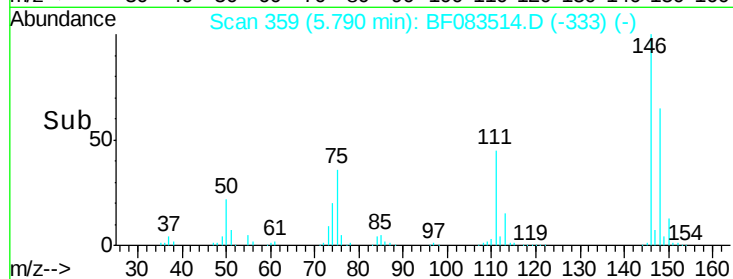
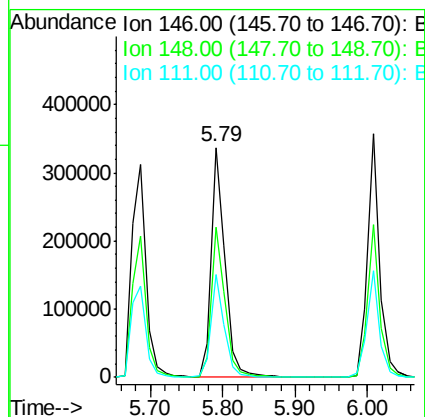
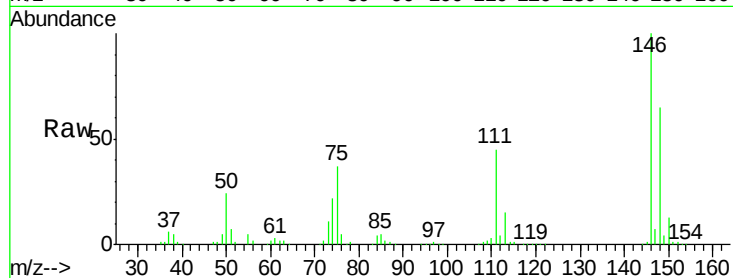




#13
 1,4-Dichlorobenzene
 Concen: 39.71 ng
 RT: 5.79 min Scan# 359
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

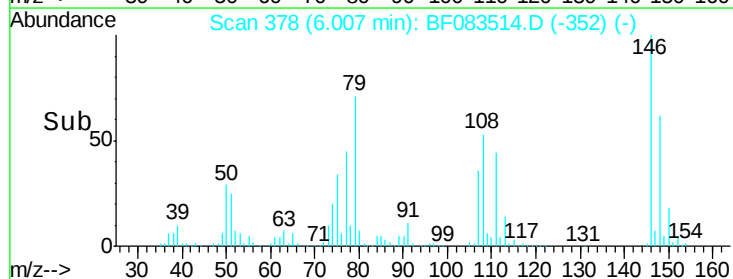
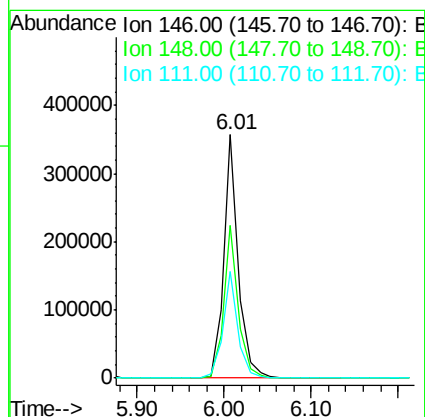
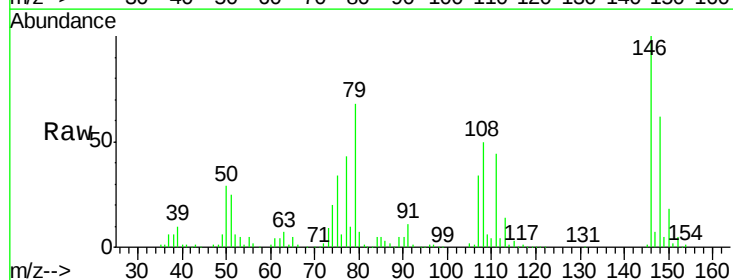
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

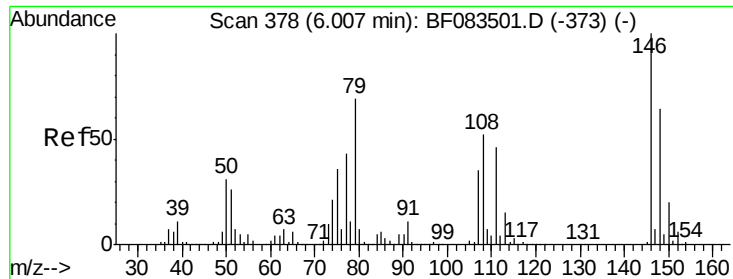
Tot Ion:146 Resp: 441318
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 76.0
 111 44.5 36.1 54.1



#14
 1,2-Dichlorobenzene
 Concen: 40.83 ng
 RT: 6.01 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Tgt Ion:146 Resp: 417320
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.4 77.0
 111 43.8 36.7 55.1

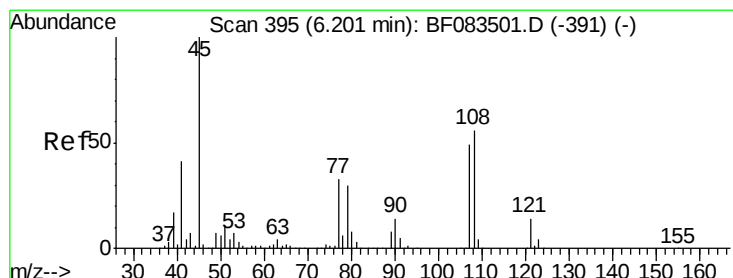
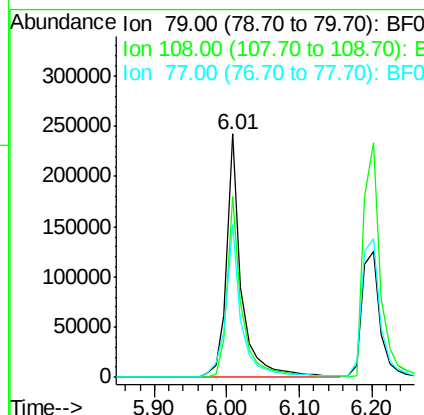
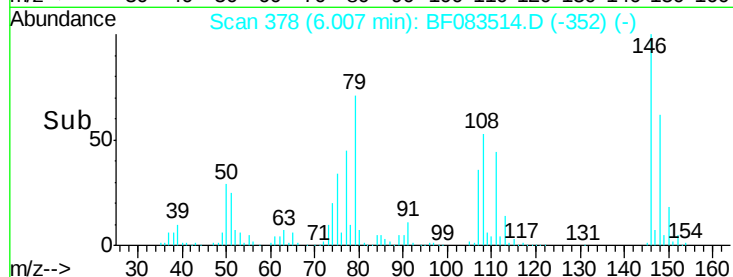
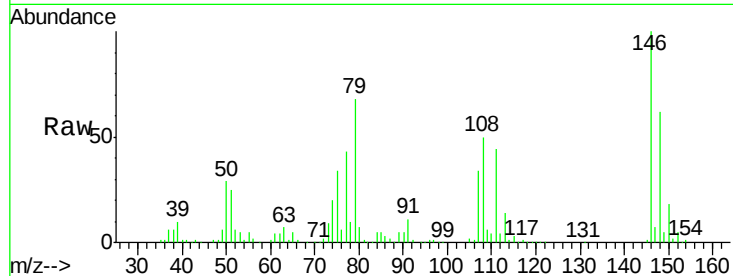




#15
Benzyl Alcohol
Concen: 41.59 ng
RT: 6.01 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

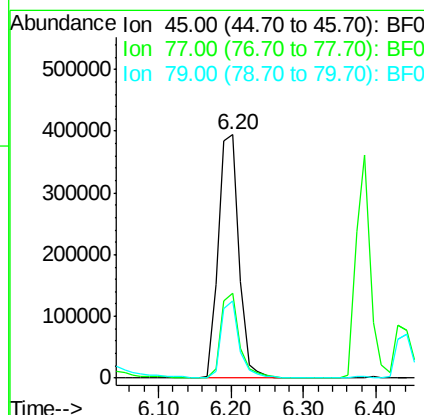
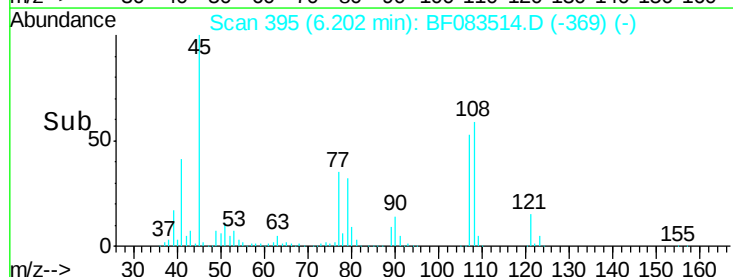
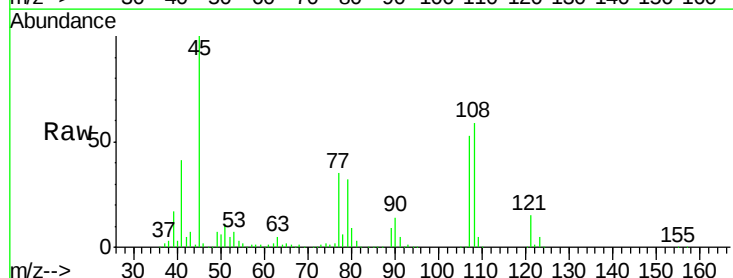
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

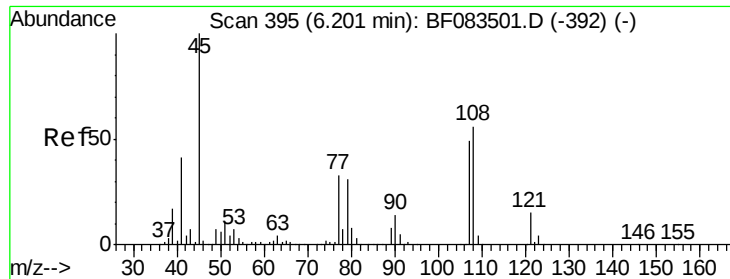
Tot Ion: 79 Resp: 350785
Ion Ratio Lower Upper
79 100
108 74.2 59.6 89.4
77 62.8 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.74 ng
RT: 6.20 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion: 45 Resp: 776305
Ion Ratio Lower Upper
45 100
77 34.9 12.8 52.8
79 31.7 10.7 50.7

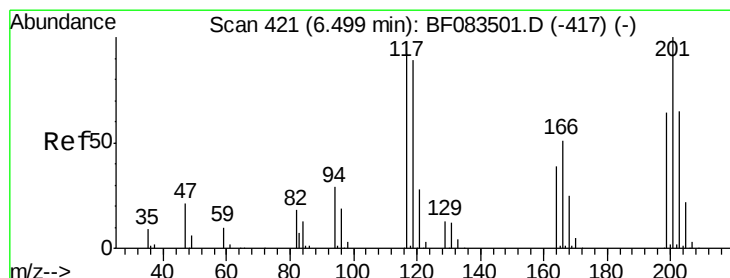
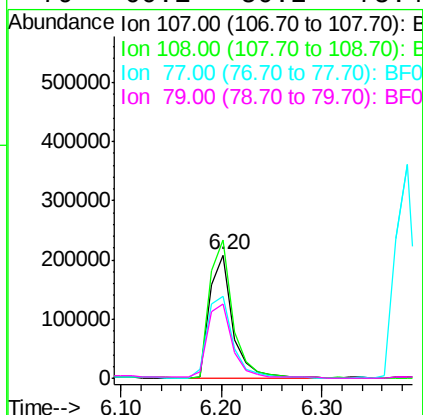
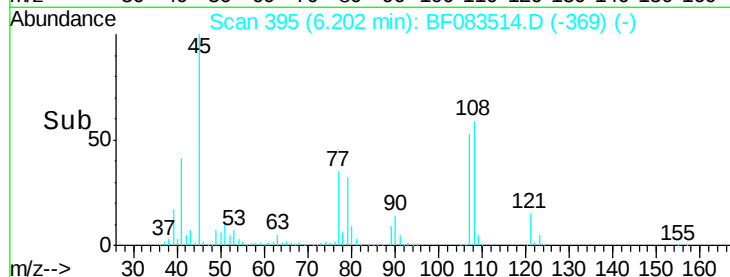
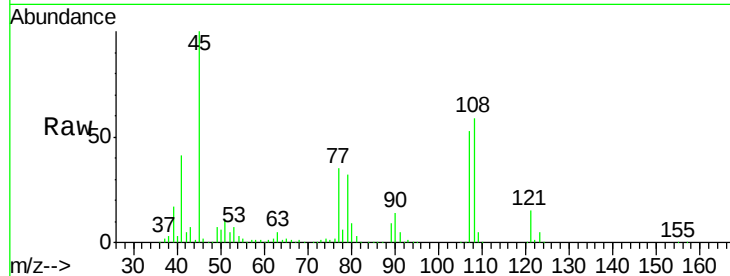




#17
2-Methylphenol
Concen: 40.58 ng
RT: 6.20 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

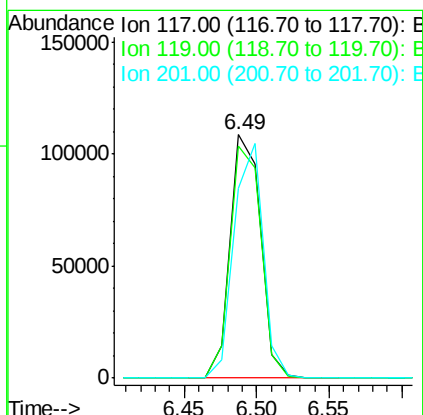
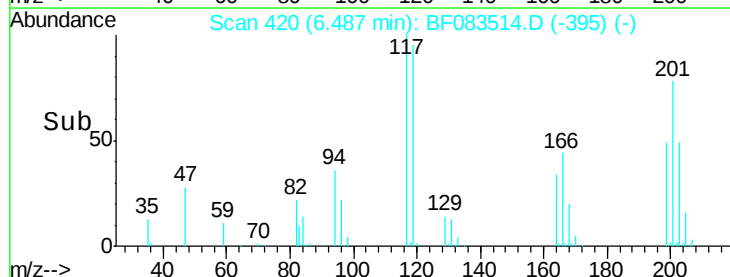
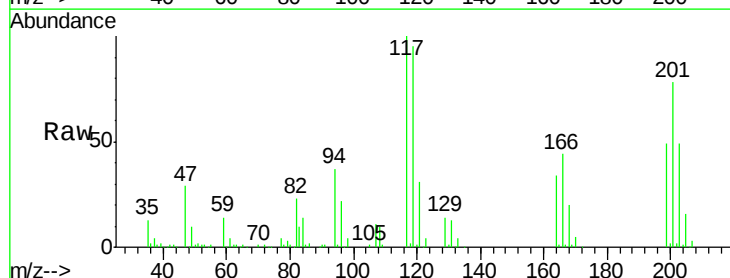
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

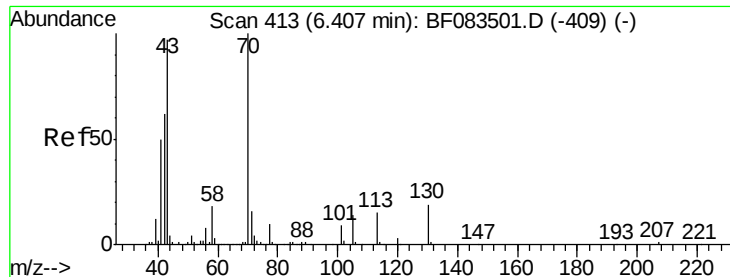
Tot Ion:107 Resp: 328688
Ion Ratio Lower Upper
107 100
108 112.3 91.6 137.4
77 66.3 53.7 80.5
79 60.1 50.2 75.4



#18
Hexachloroethane
Concen: 40.71 ng
RT: 6.49 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:117 Resp: 157901
Ion Ratio Lower Upper
117 100
119 95.5 77.2 115.8
201 78.2 86.8 130.2#

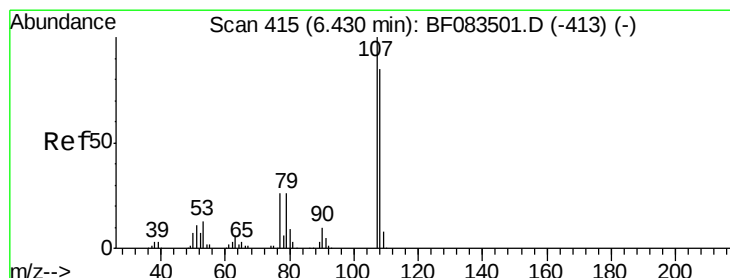
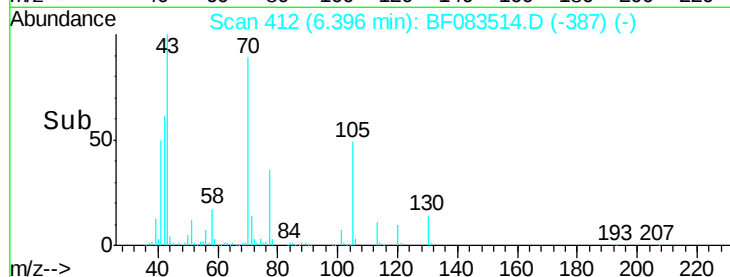
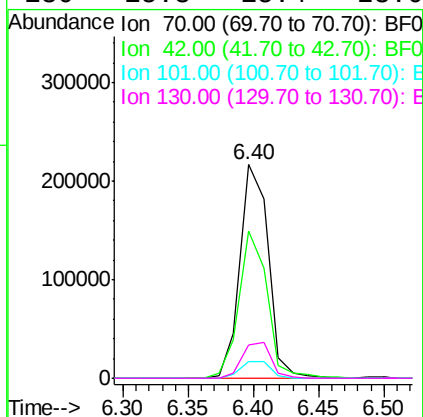
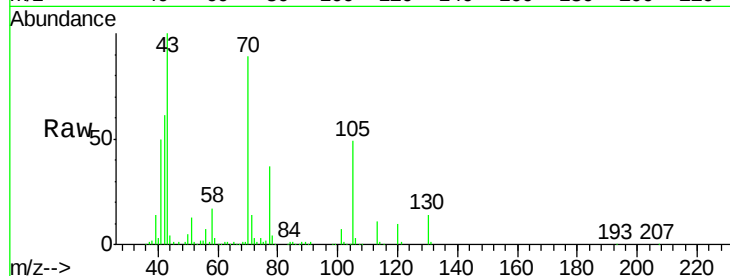




#19
n-Nitroso-di-n-propylamine
Concen: 40.34 ng
RT: 6.40 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

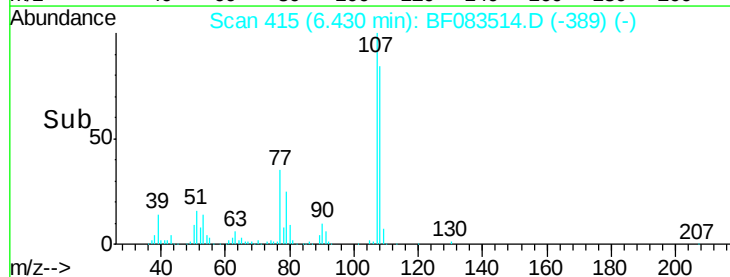
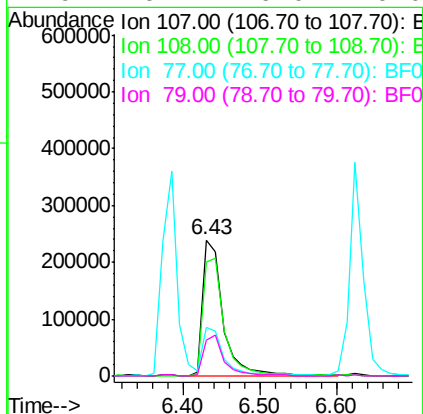
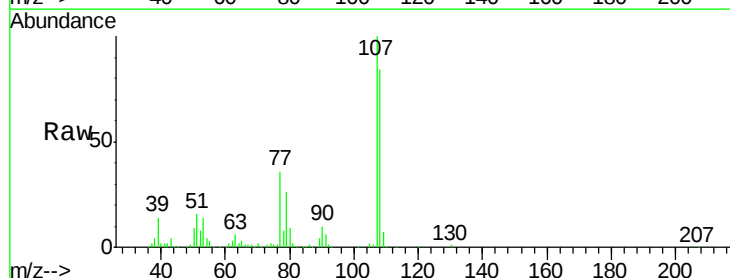
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

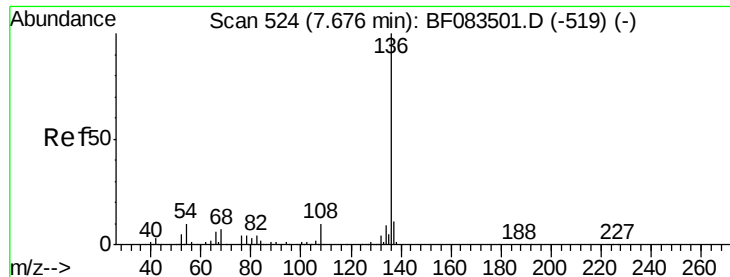
Tot Ion: 70 Resp: 327189
Ion Ratio Lower Upper
70 100
42 68.7 49.2 73.8
101 7.8 7.1 10.7
130 15.3 15.4 23.0#



#20
3+4-Methylphenols
Concen: 41.50 ng
RT: 6.43 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:107 Resp: 436687
Ion Ratio Lower Upper
107 100
108 83.9 65.2 105.2
77 35.9 15.2 55.2
79 26.2 6.0 46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 523451

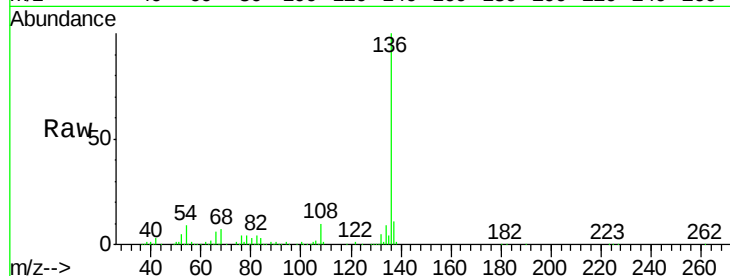
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.4 7.8 11.6

68 6.8 5.7 8.5

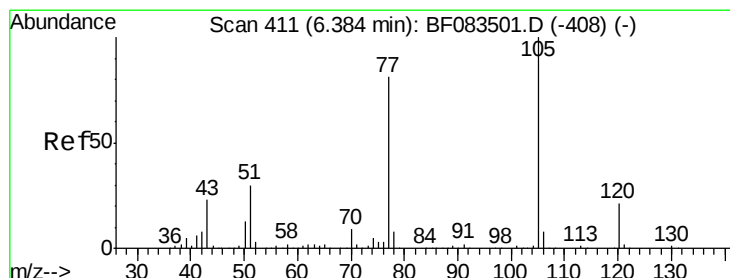
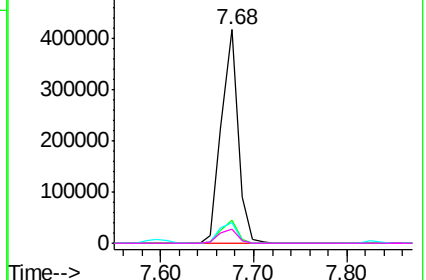
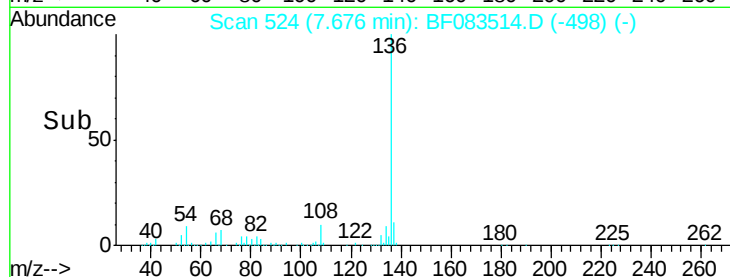


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.32 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Tgt Ion:105 Resp: 623058

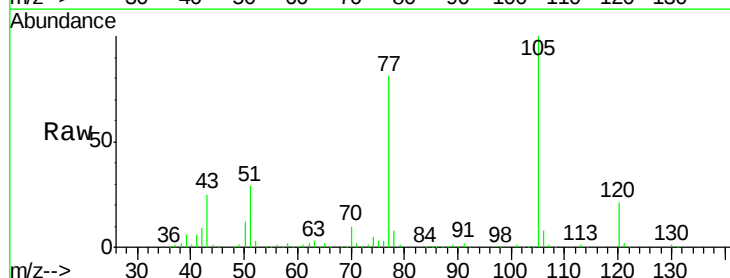
Ion Ratio Lower Upper

105 100

71 1.8 1.3 1.9

51 29.3 23.8 35.8

120 20.6 16.7 25.1

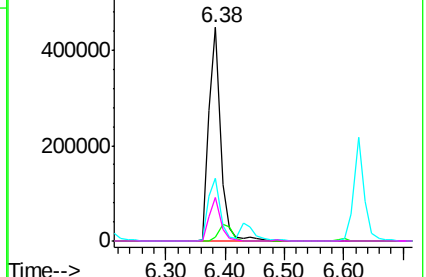
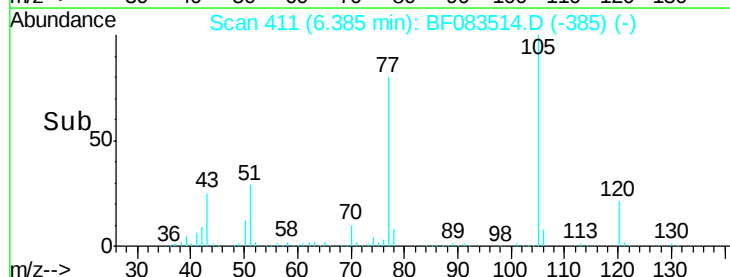


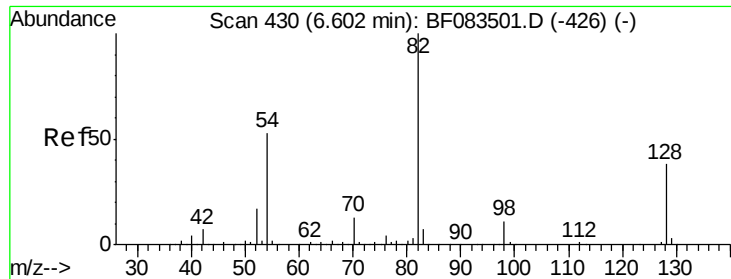
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

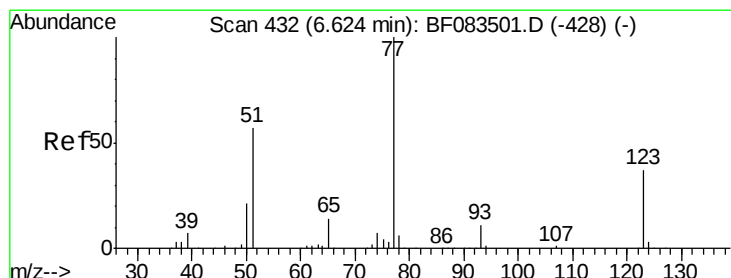
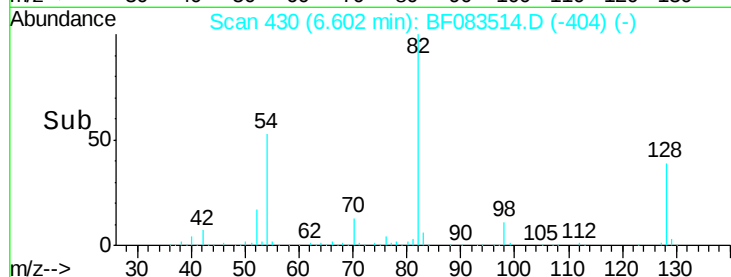
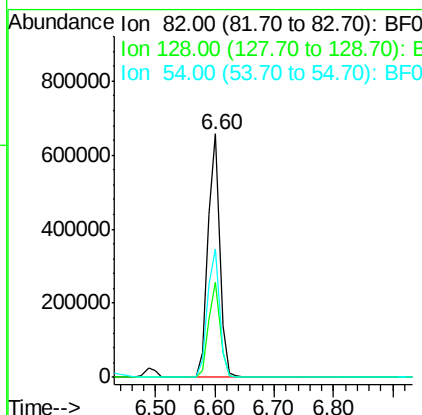
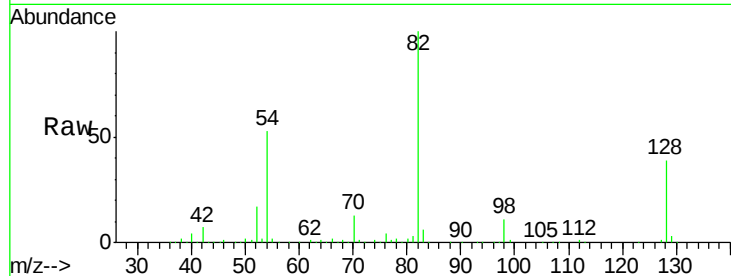




#23
Nitrobenzene-d5
Concen: 81.54 ng
RT: 6.60 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

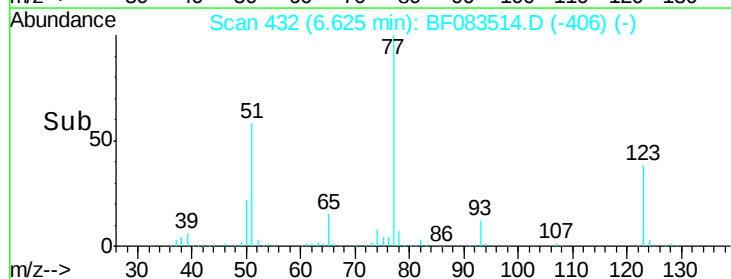
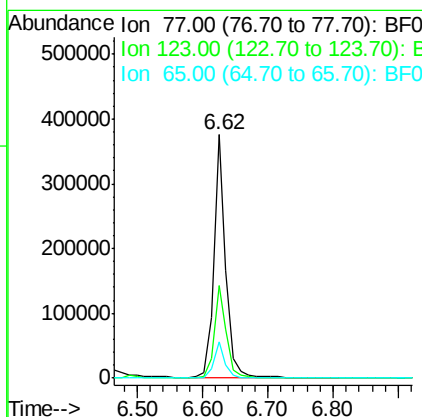
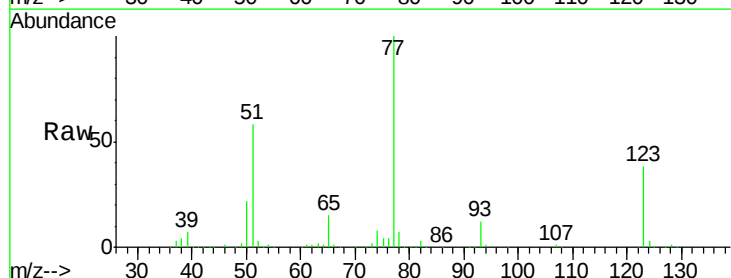
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

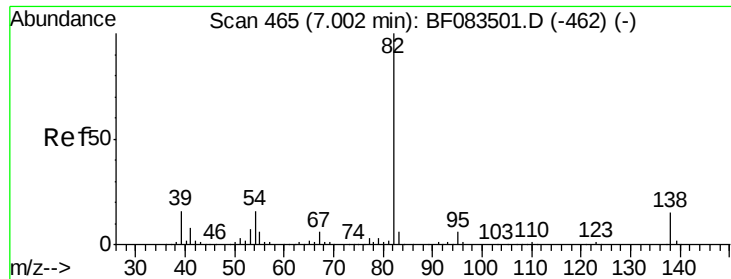
Tot Ion: 82 Resp: 913044
Ion Ratio Lower Upper
82 100
128 38.8 30.7 46.1
54 53.0 42.5 63.7



#24
Nitrobenzene
Concen: 38.76 ng
RT: 6.62 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion: 77 Resp: 478066
Ion Ratio Lower Upper
77 100
123 38.3 29.8 44.6
65 14.7 11.1 16.7





#25

Isophorone

Concen: 40.28 ng

RT: 7.00 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

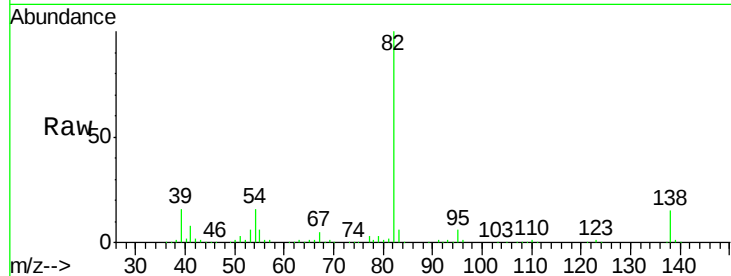
Tot Ion: 82 Resp: 866236

Ion Ratio Lower Upper

82 100

95 6.5 5.0 7.4

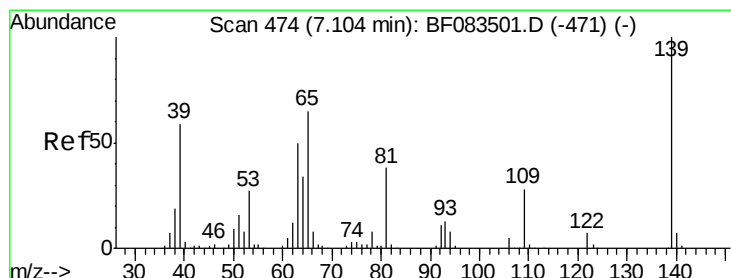
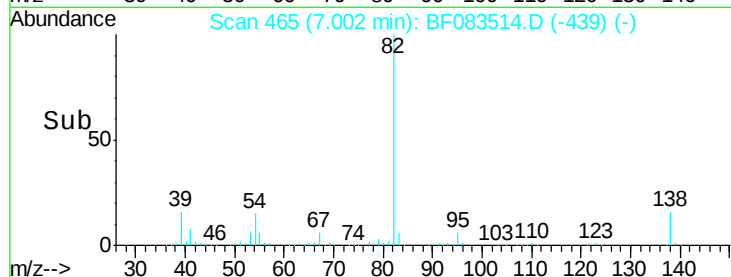
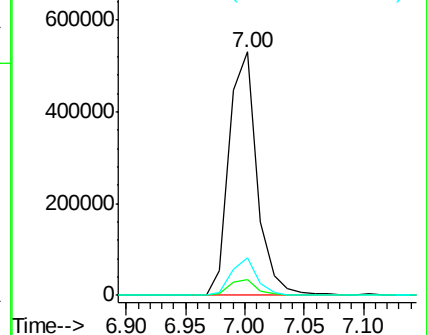
138 15.5 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.65 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

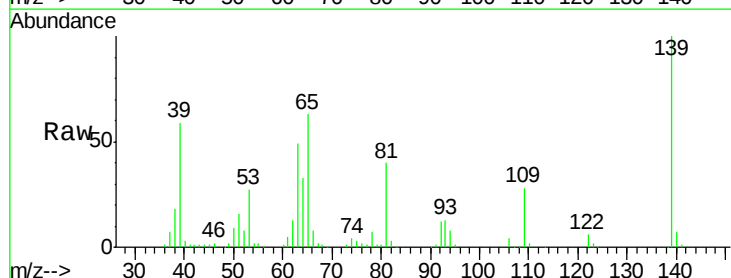
Tgt Ion: 139 Resp: 202675

Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

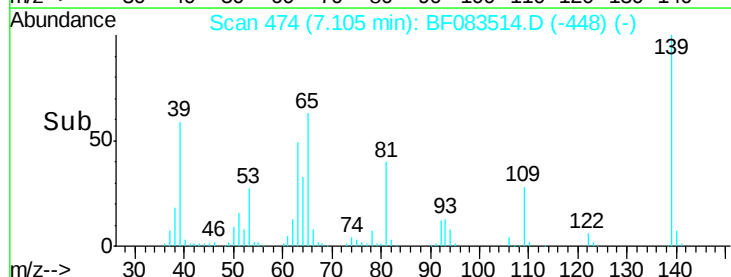
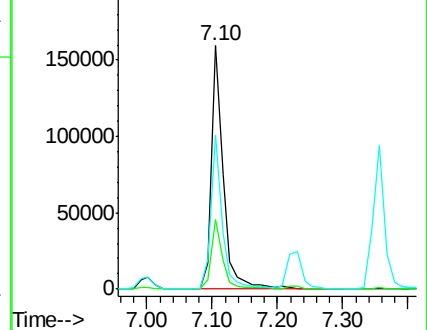
65 63.2 51.8 77.8

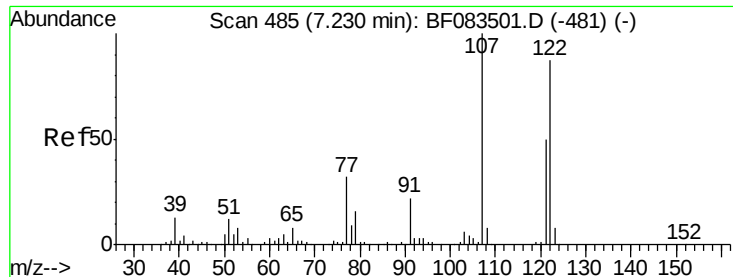


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.07 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

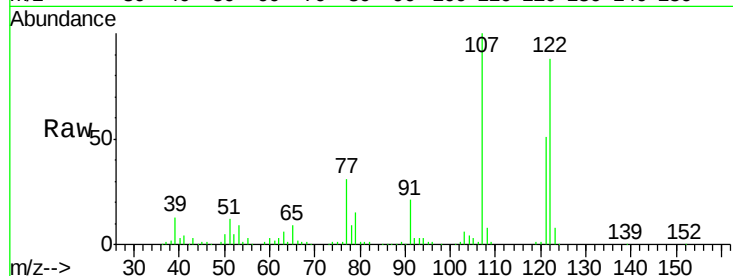
Tot Ion:122 Resp: 353185

Ion Ratio Lower Upper

122 100

107 113.9 92.4 138.6

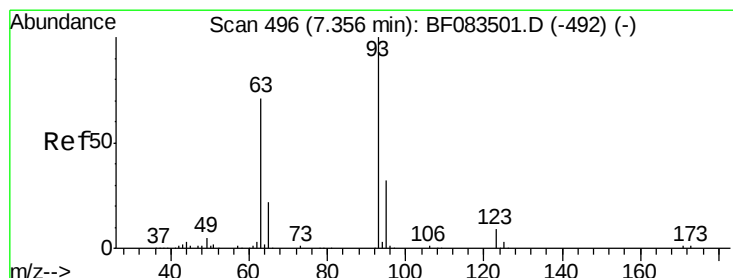
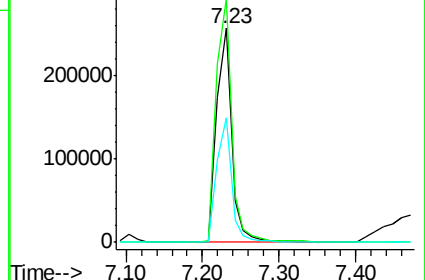
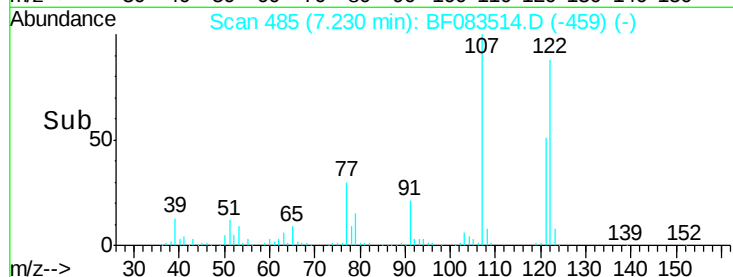
121 58.1 45.8 68.6



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: 40.73 ng

RT: 7.36 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

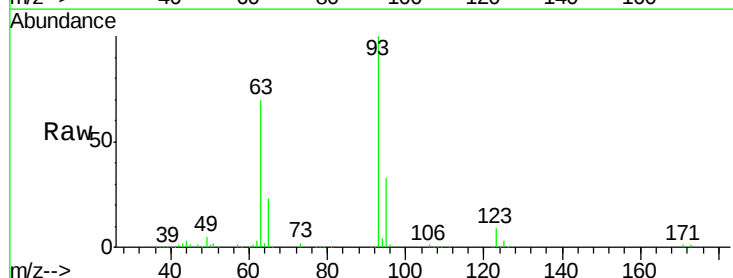
Tgt Ion: 93 Resp: 488182

Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

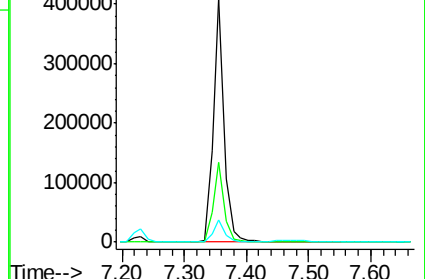
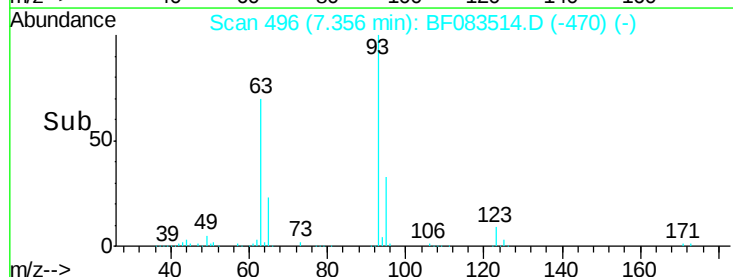
123 9.3 7.3 10.9

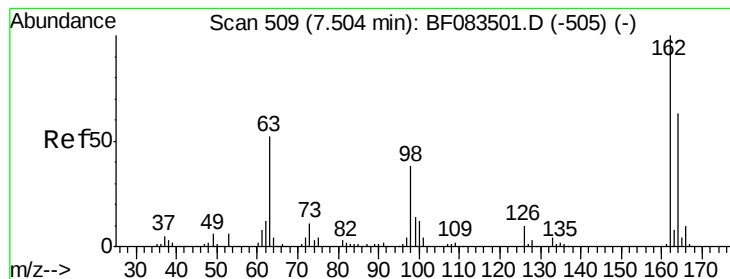


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.29 ng

RT: 7.50 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

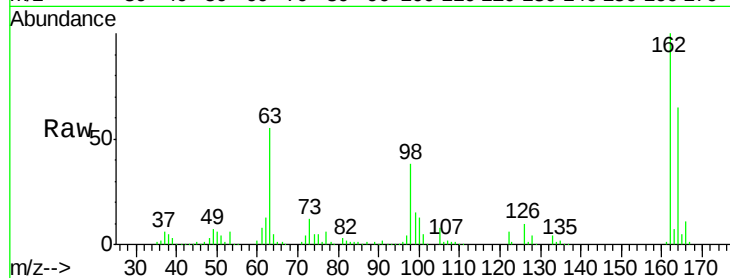
Tot Ion:162 Resp: 320628

Ion Ratio Lower Upper

162 100

164 64.9 43.4 83.4

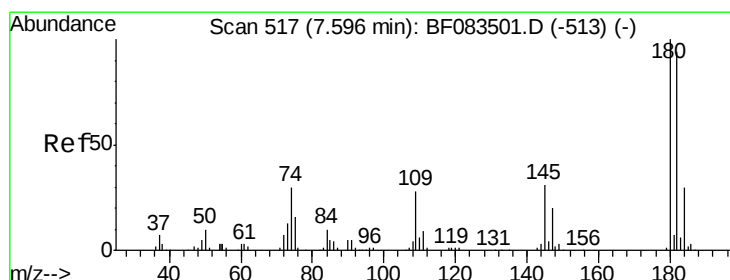
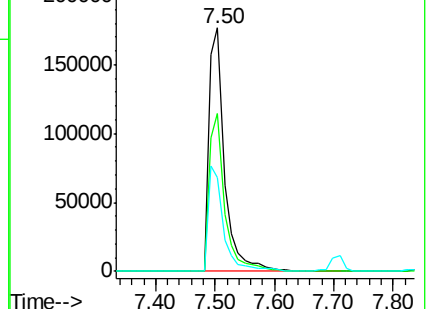
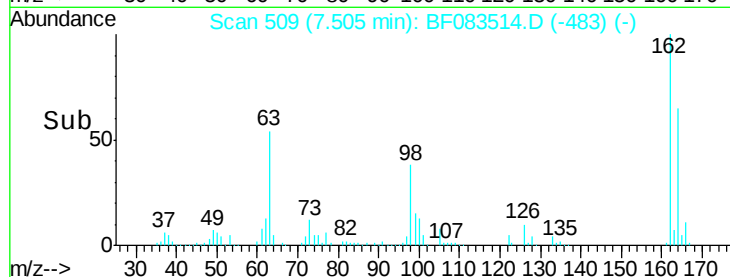
98 38.4 17.5 57.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.38 ng

RT: 7.60 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

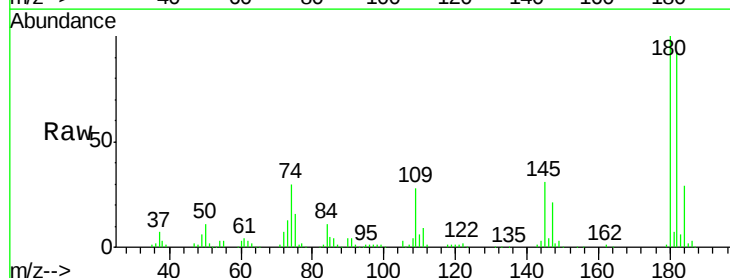
Tgt Ion:180 Resp: 346659

Ion Ratio Lower Upper

180 100

182 93.4 74.9 112.3

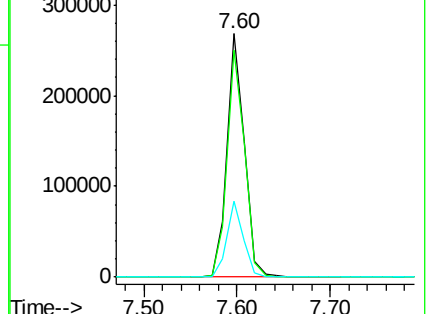
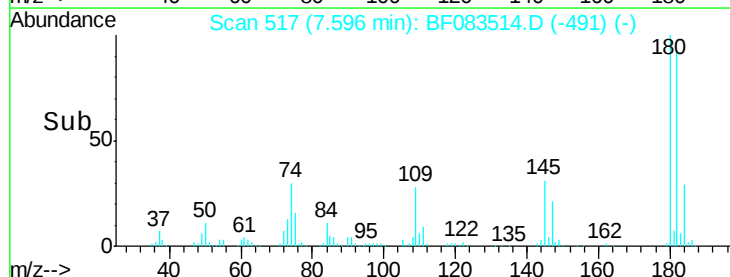
145 31.4 24.7 37.1

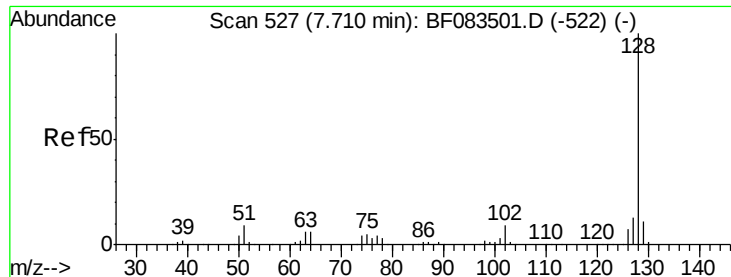


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

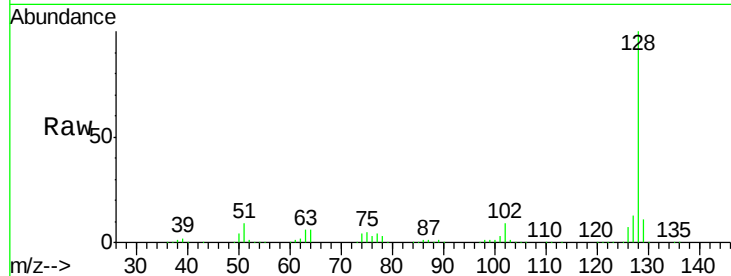




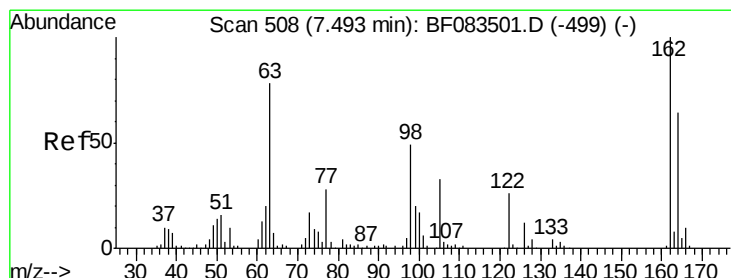
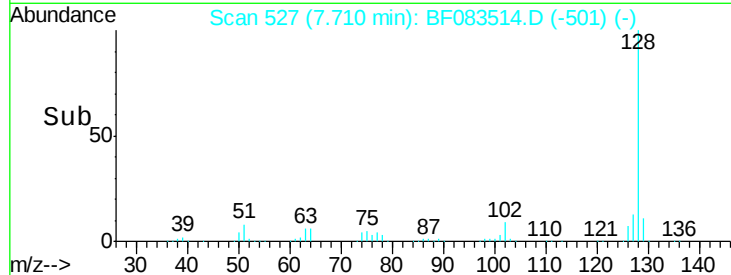
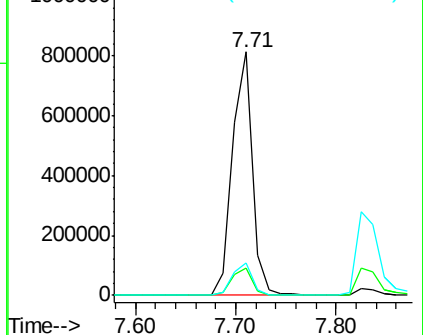
#31
Naphthalene
Concen: 40.24 ng
RT: 7.71 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1121108
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.6 16.0

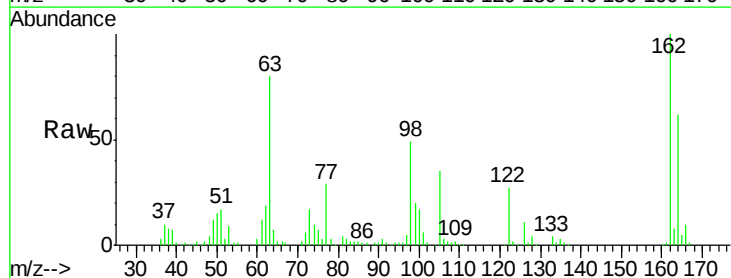


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

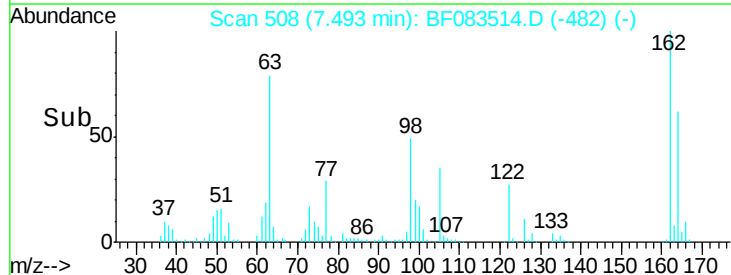
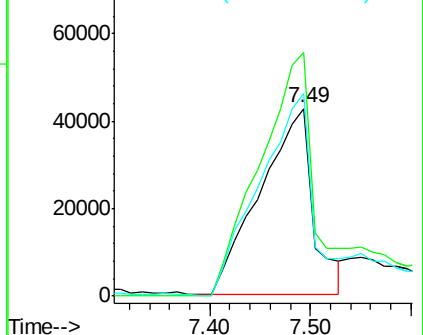


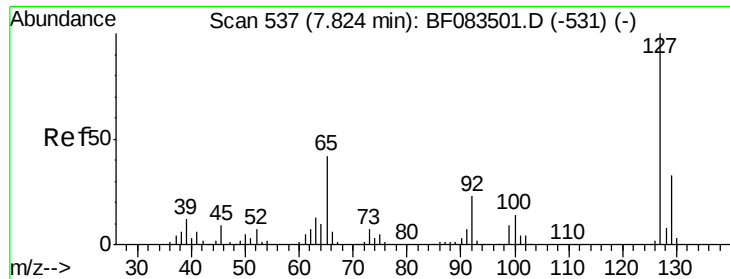
#32
Benzoic acid
Concen: 33.38 ng
RT: 7.49 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:122 Resp: 156437
Ion Ratio Lower Upper
122 100
105 129.9 105.6 145.6
77 108.3 86.8 126.8



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

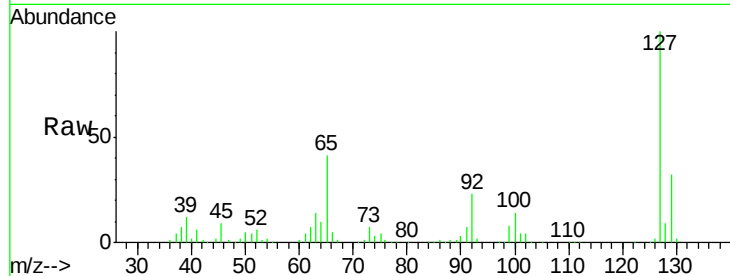




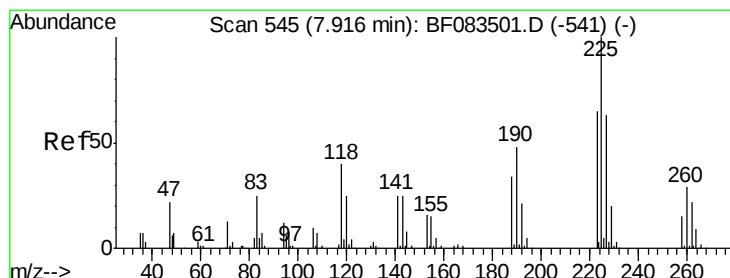
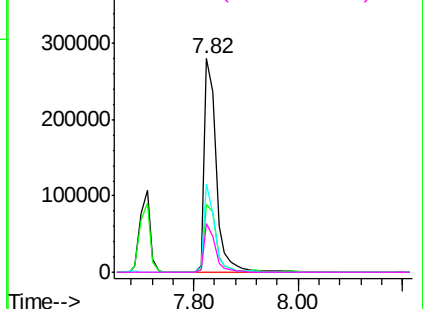
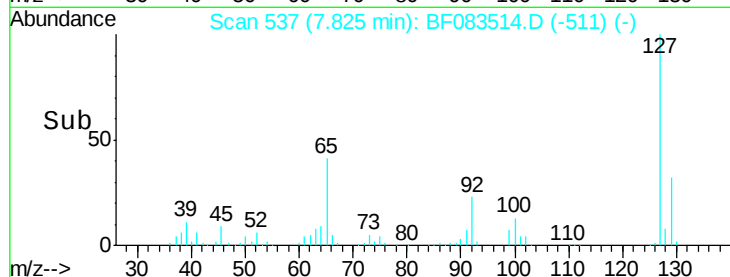
#33
4-Chloroaniline
Concen: 41.31 ng
RT: 7.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	450302
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	41.1	33.5	50.3
92	22.7	18.6	28.0

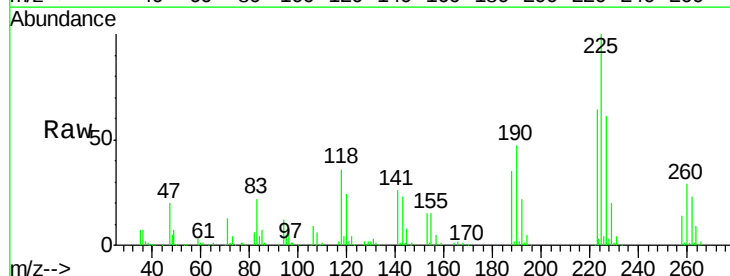


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

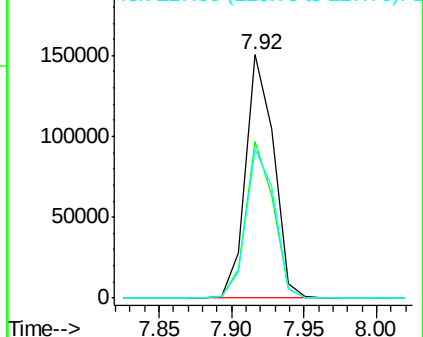
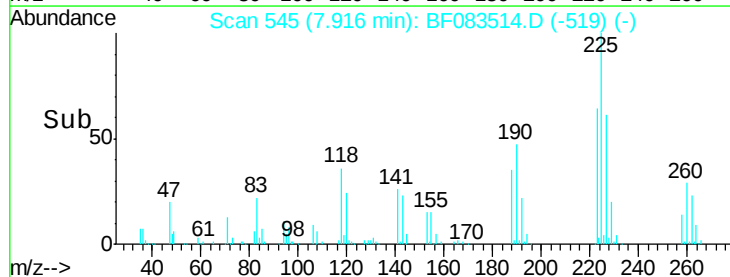


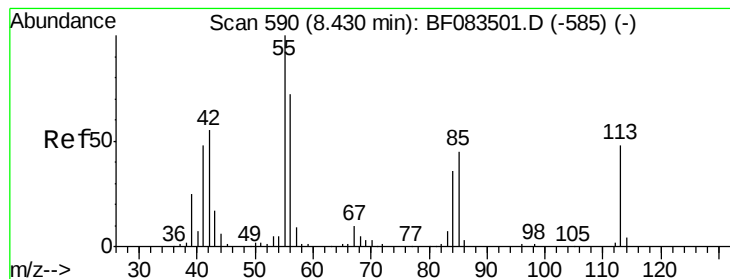
#34
Hexachlorobutadiene
Concen: 39.78 ng
RT: 7.92 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:	225	Resp:	201810
Ion	Ratio	Lower	Upper
225	100		
223	64.3	52.3	78.5
227	60.9	50.4	75.6



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: 40.76 ng

RT: 8.43 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

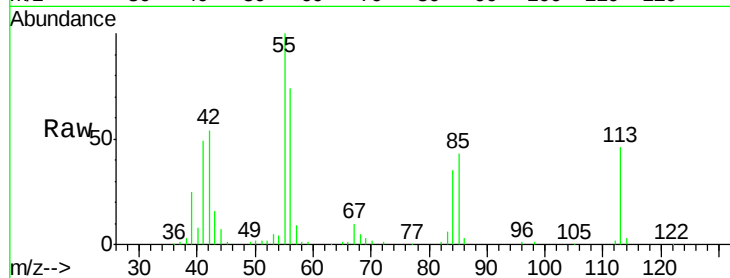
Tot Ion:113 Resp: 100663

Ion Ratio Lower Upper

113 100

55 215.4 189.7 229.7

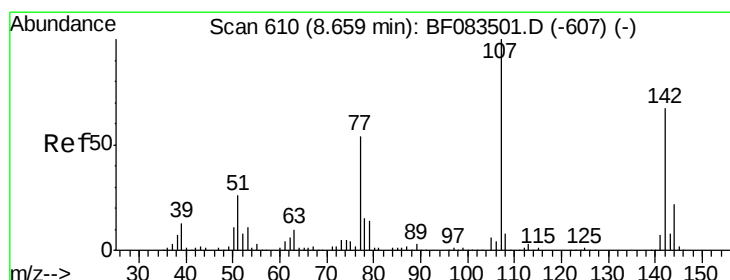
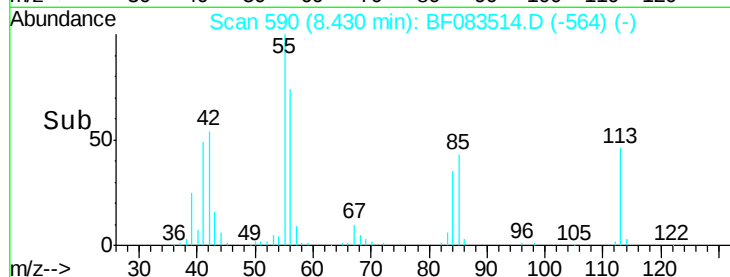
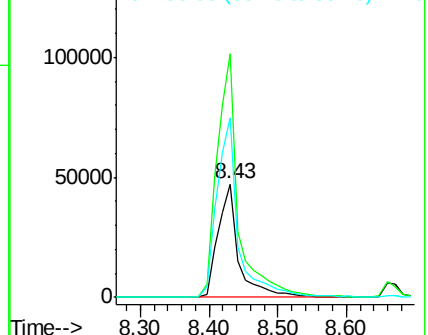
56 158.6 130.7 170.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.96 ng

RT: 8.66 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

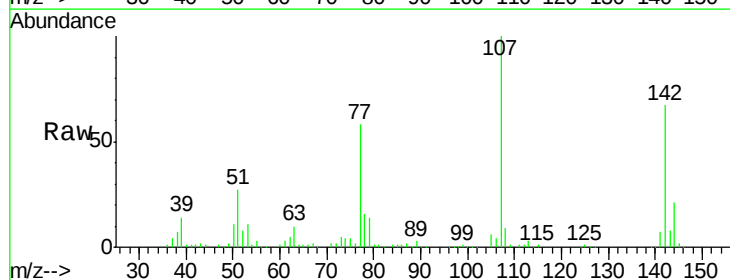
Tgt Ion:107 Resp: 357933

Ion Ratio Lower Upper

107 100

144 21.4 17.5 26.3

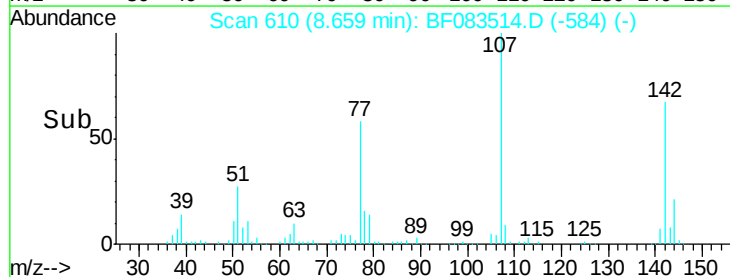
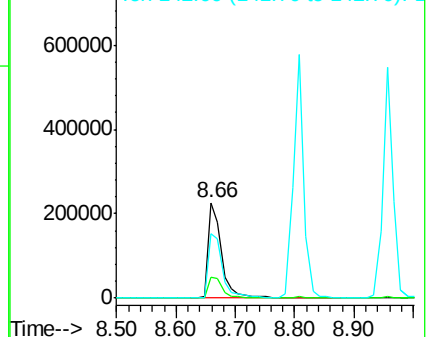
142 67.2 53.6 80.4

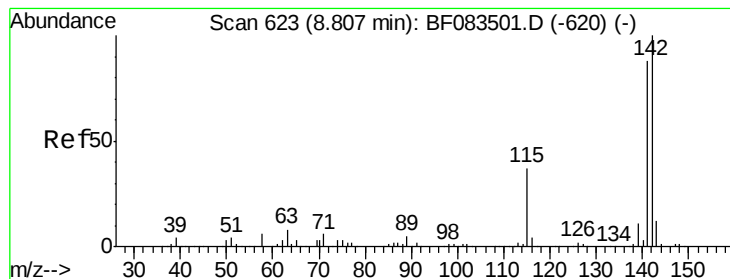


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.67 ng

RT: 8.81 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

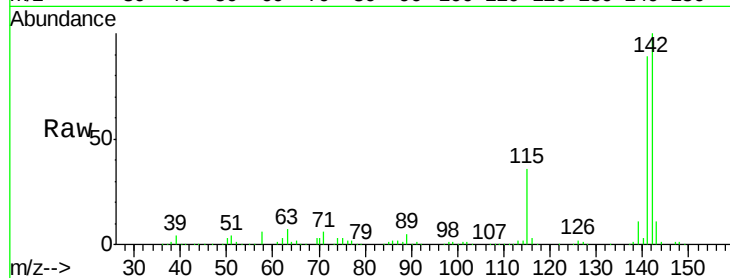
Tot Ion:142 Resp: 700726

Ion Ratio Lower Upper

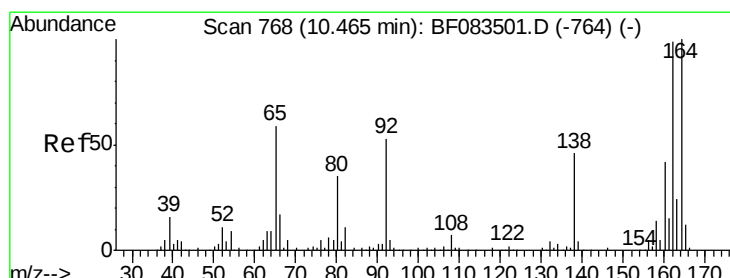
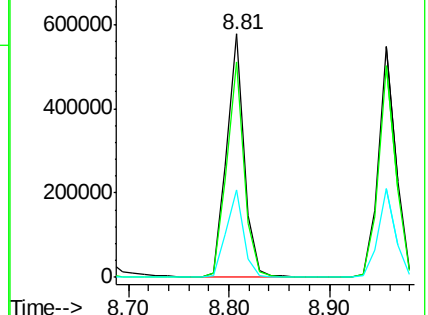
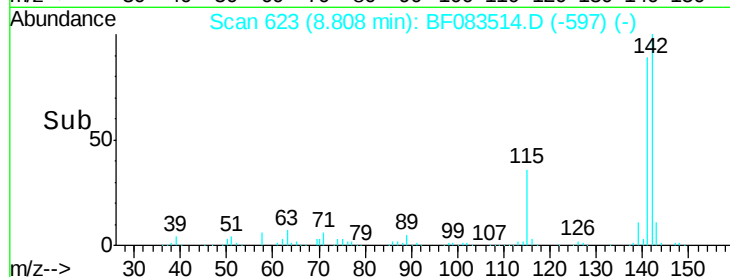
142 100

141 88.7 70.3 105.5

115 35.7 29.2 43.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

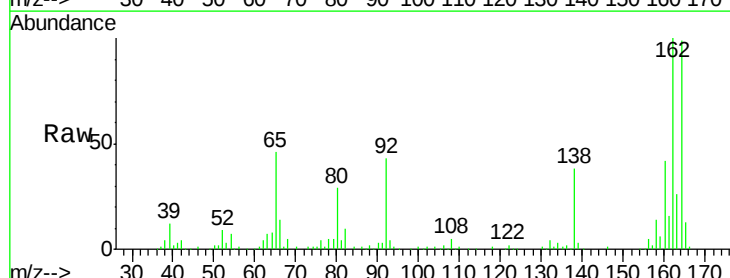
Tgt Ion:164 Resp: 254893

Ion Ratio Lower Upper

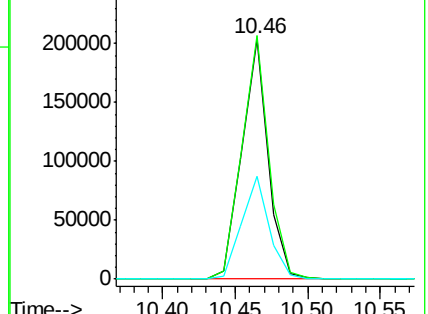
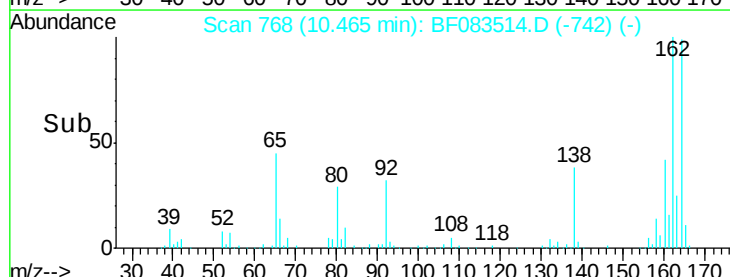
164 100

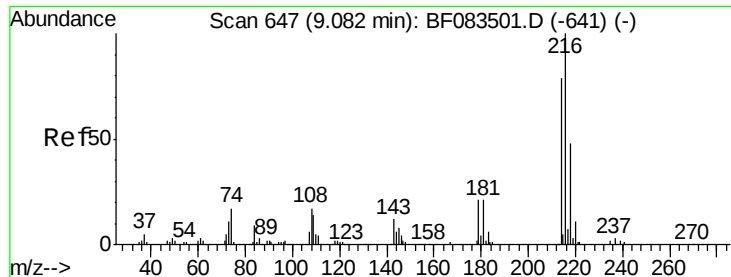
162 101.4 78.8 118.2

160 43.0 33.4 50.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.27 ng

RT: 9.08 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 337548

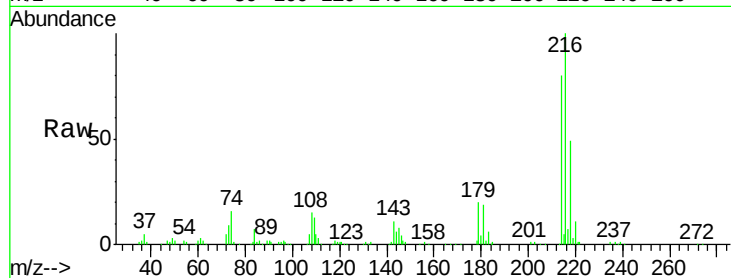
Ion Ratio Lower Upper

216 100

214 80.4 0.0 0.0#

179 21.0 0.0 0.0#

108 18.8 0.0 0.0#

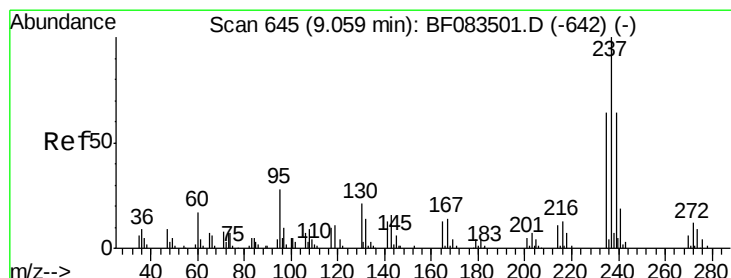
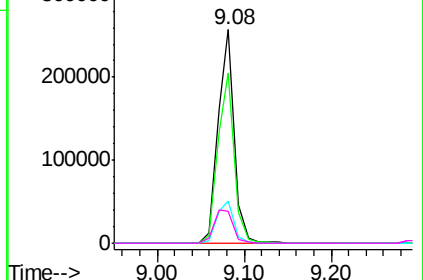
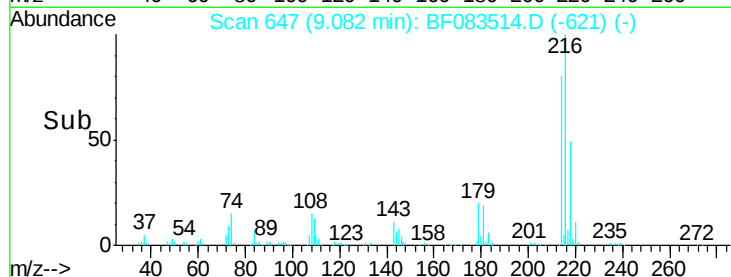


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.00 ng

RT: 9.06 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

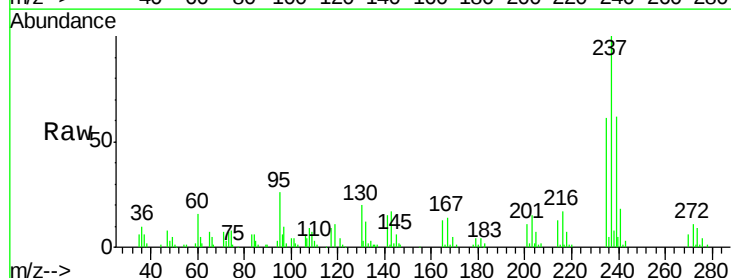
Tgt Ion:237 Resp: 92972

Ion Ratio Lower Upper

237 100

235 60.7 43.9 83.9

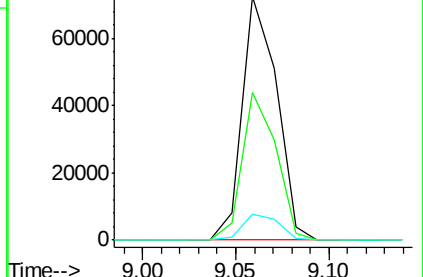
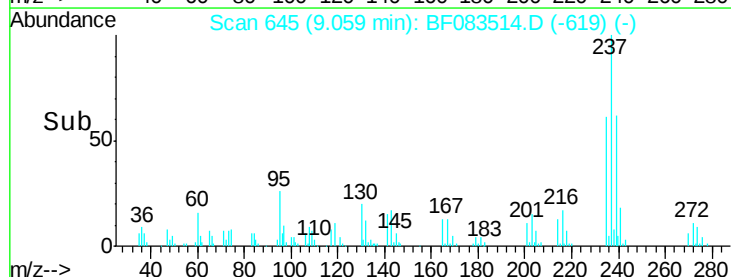
272 10.9 0.0 31.8

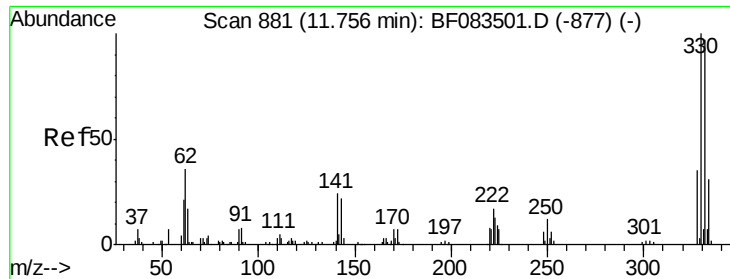


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

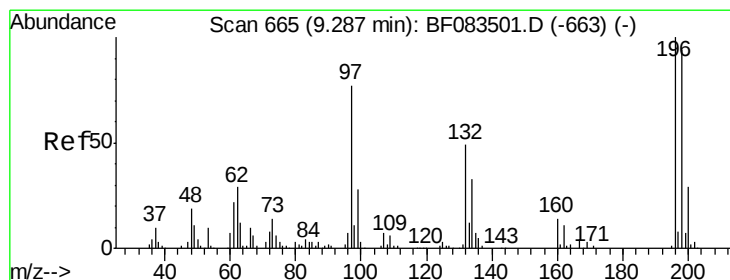
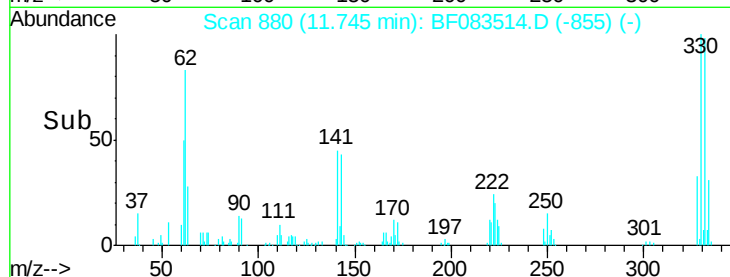
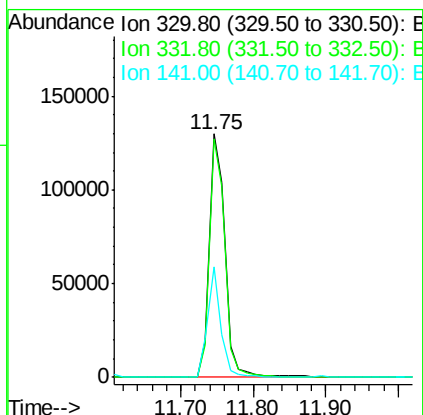
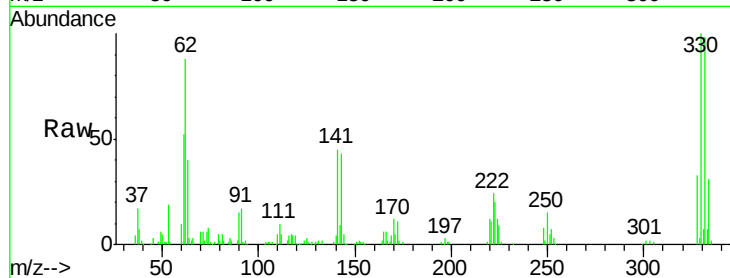




#41
 2,4,6-Tribromophenol
 Concen: 82.82 ng
 RT: 11.75 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

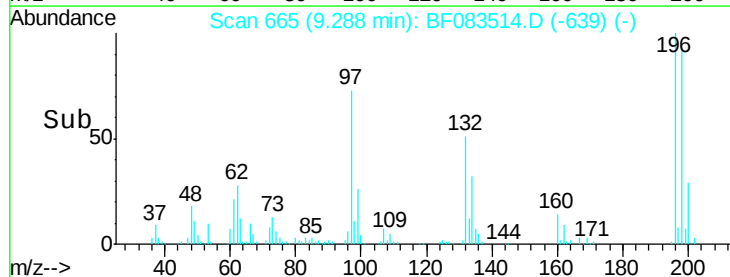
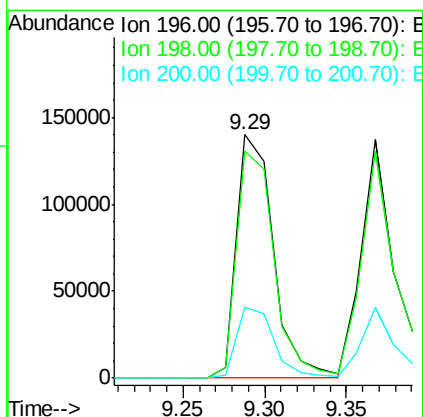
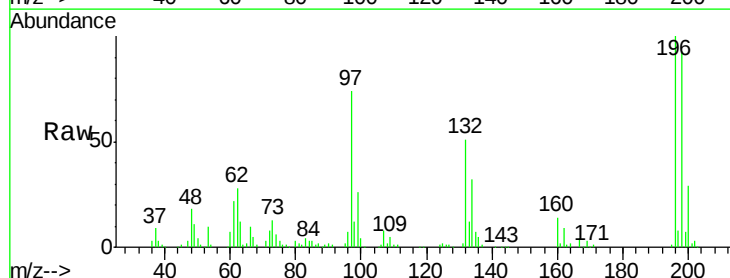
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

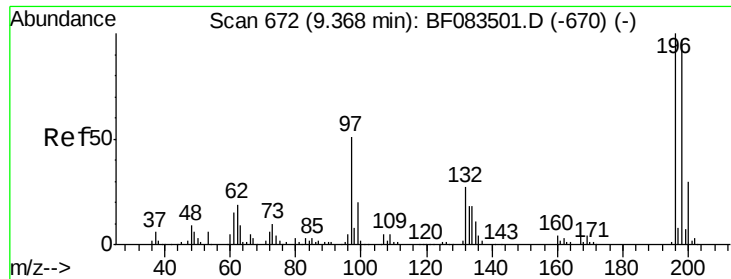
Tot Ion:330 Resp: 194733
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 38.7 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 41.56 ng
 RT: 9.29 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Tgt Ion:196 Resp: 218685
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.2 112.8
 200 29.1 23.0 34.6

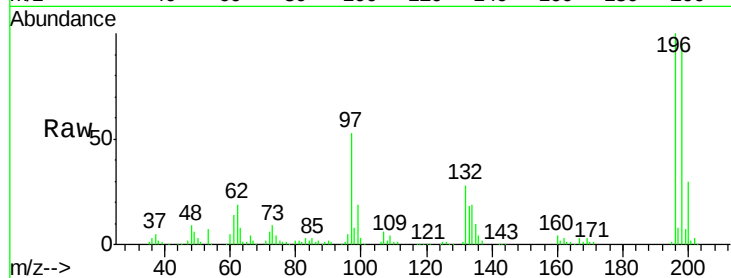




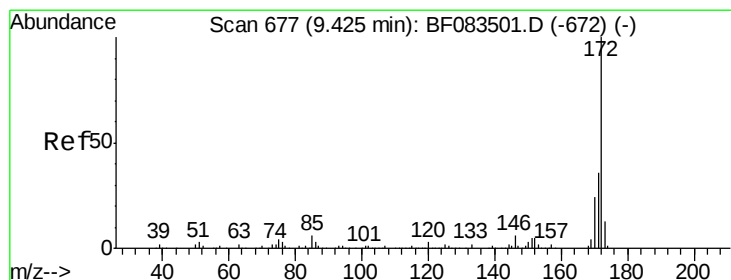
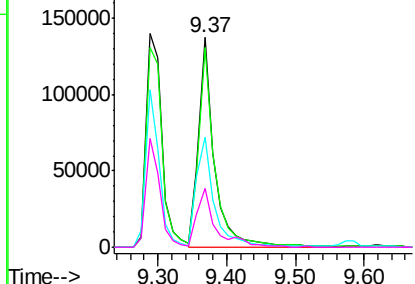
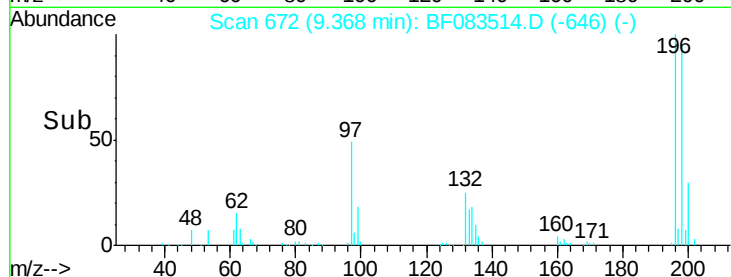
#43
 2,4,5-Trichlorophenol
 Concen: 40.16 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 217681
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.7 116.5
 97 52.6 41.2 61.8
 132 27.8 21.8 32.8

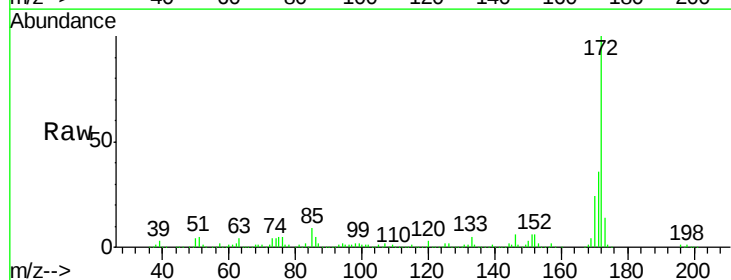


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

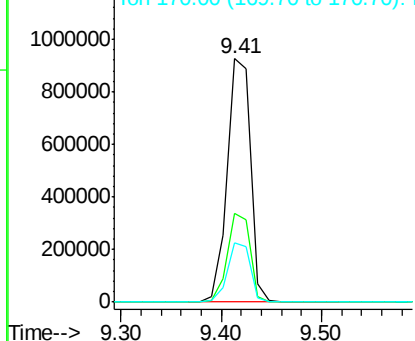
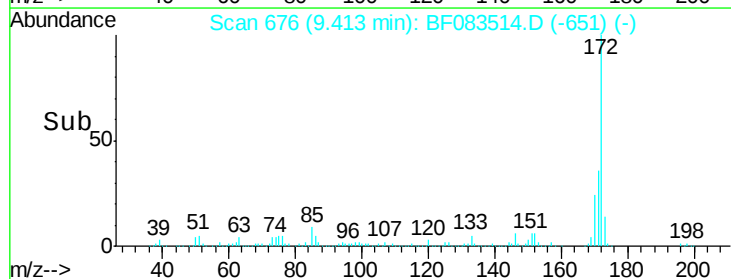


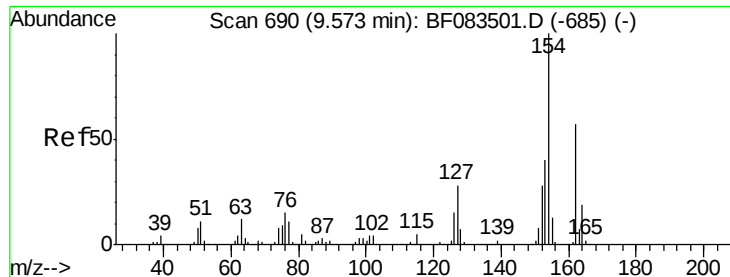
#44
 2-Fluorobiphenyl
 Concen: 79.27 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Tgt Ion:172 Resp: 1489658
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 42.8
 170 24.2 19.4 29.0



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

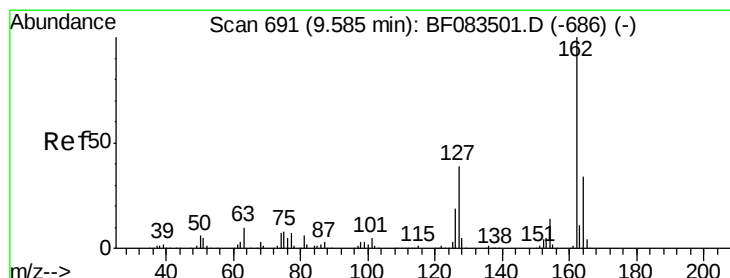
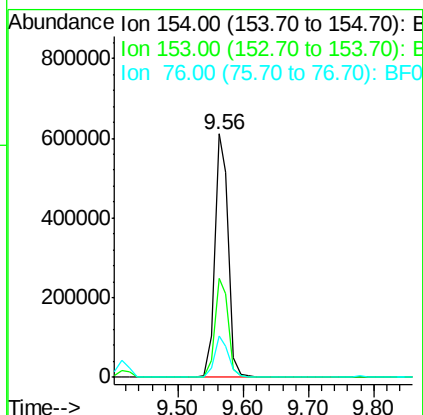
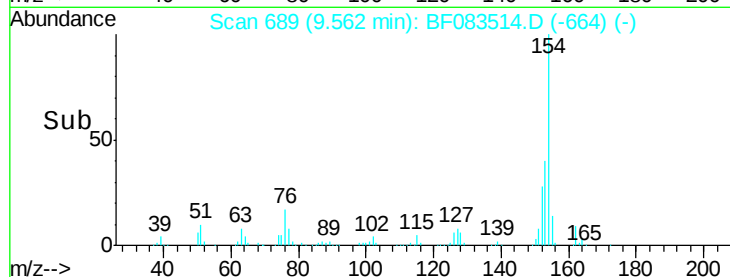
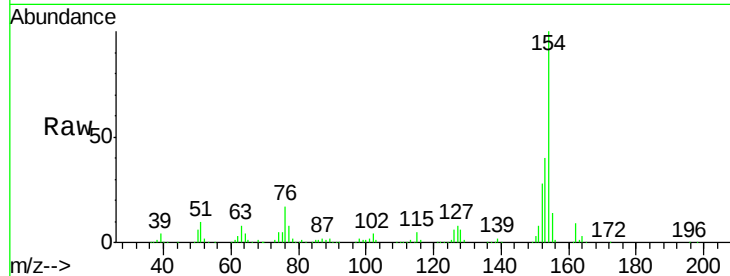




#45
 1,1'-Biphenyl
 Concen: 39.58 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

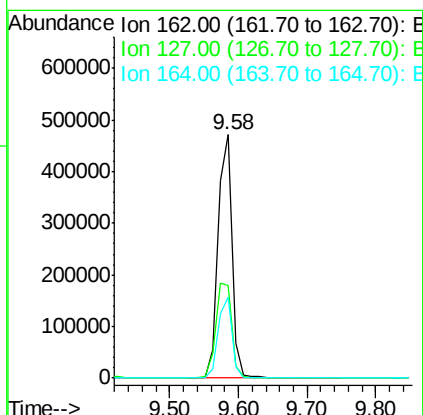
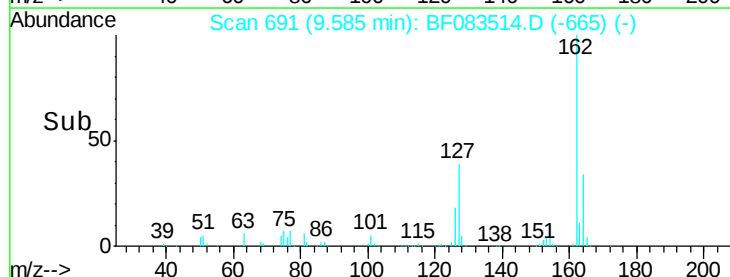
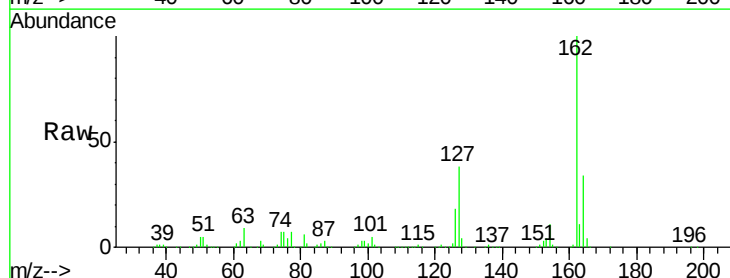
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

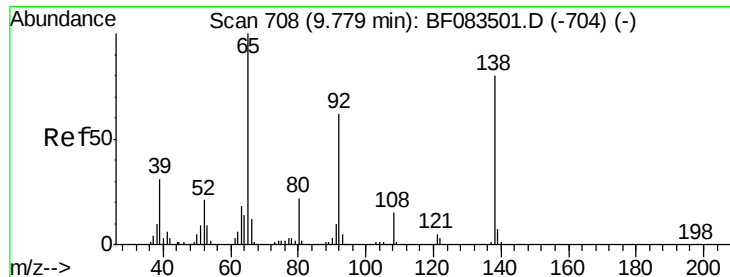
Tot Ion:154 Resp: 896434
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.2 60.2
 76 17.1 0.0 34.8



#46
 2-Chloronaphthalene
 Concen: 40.02 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Tgt Ion:162 Resp: 683032
 Ion Ratio Lower Upper
 162 100
 127 38.0 31.0 46.4
 164 33.6 27.4 41.0

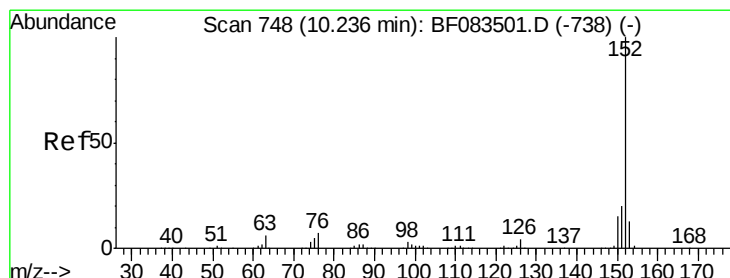
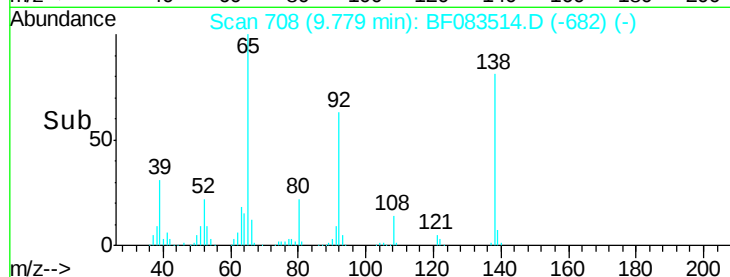
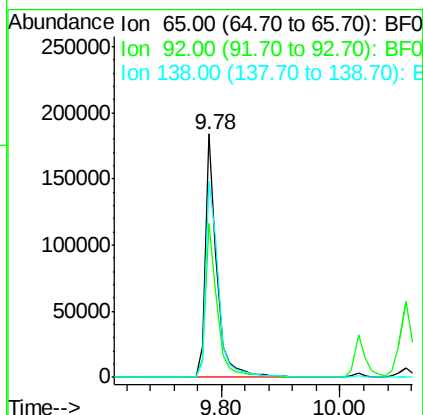
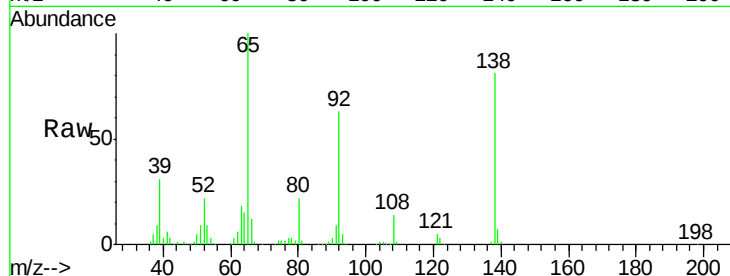




#47
2-Nitroaniline
Concen: 41.00 ng
RT: 9.78 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

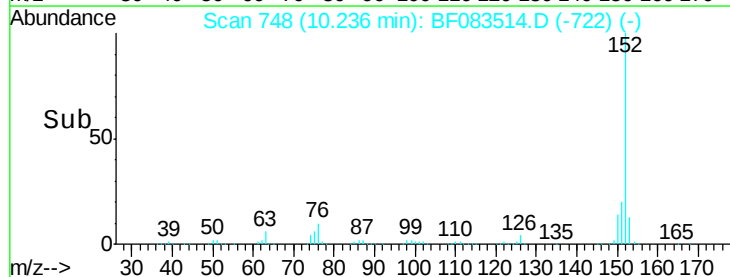
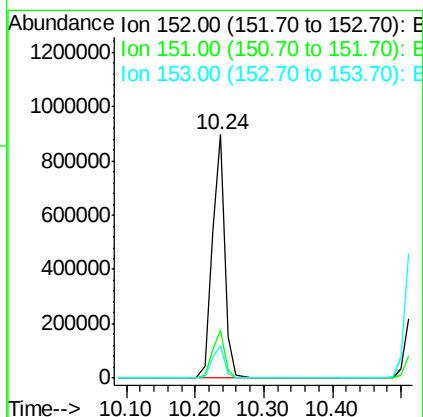
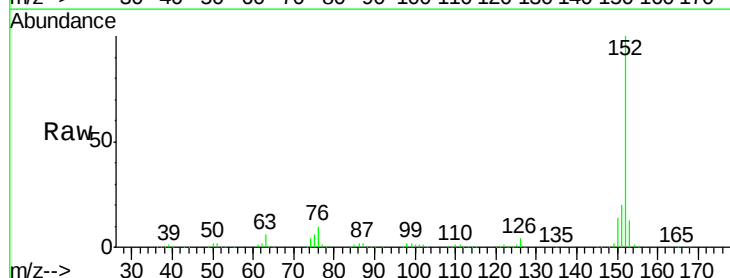
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

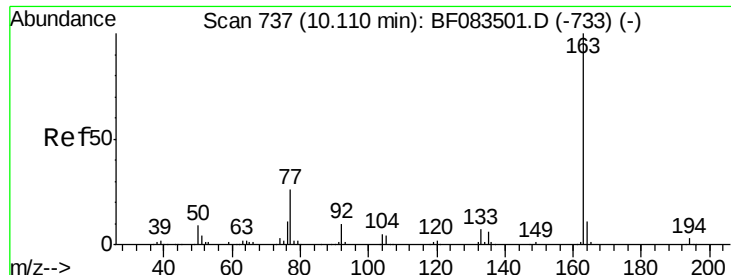
Tot Ion: 65 Resp: 249278
Ion Ratio Lower Upper
65 100
92 63.2 49.6 74.4
138 80.5 64.1 96.1



#48
Acenaphthylene
Concen: 40.72 ng
RT: 10.24 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion: 152 Resp: 1138115
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.3 10.8 16.2

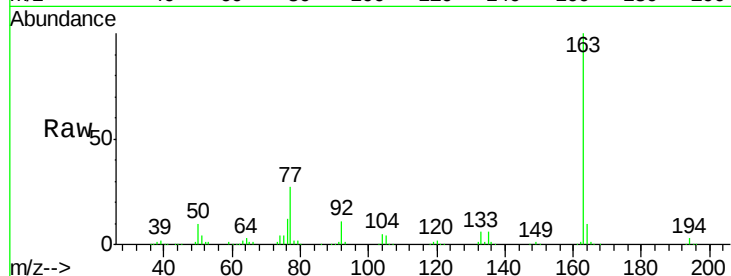




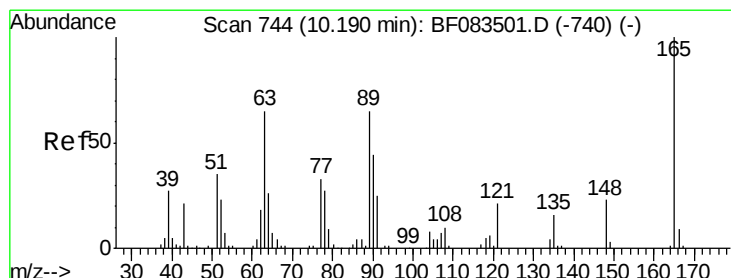
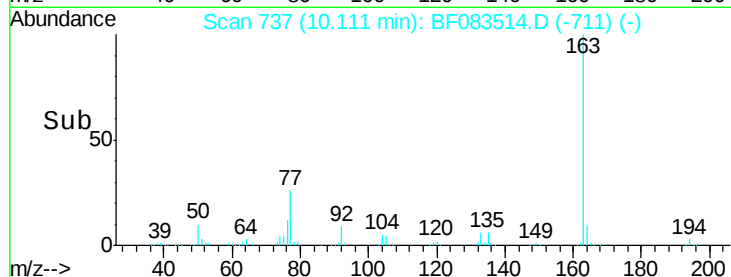
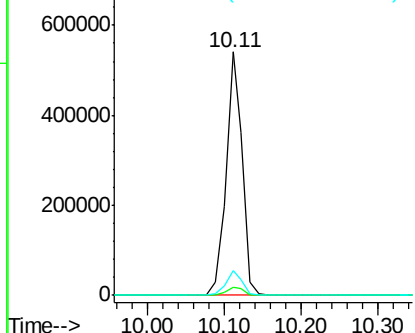
#49
Dimethylphthalate
Concen: 39.98 ng
RT: 10.11 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 802033
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.1 8.6 13.0

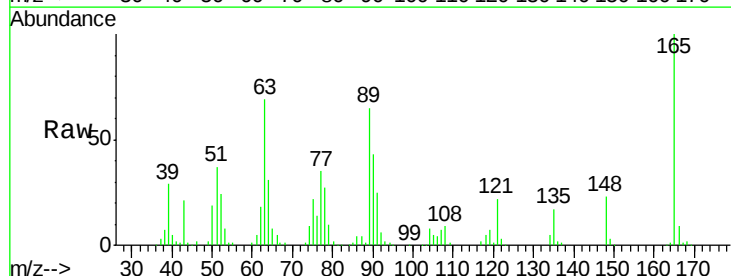


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

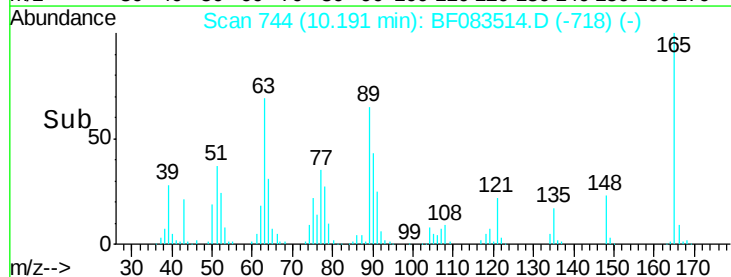
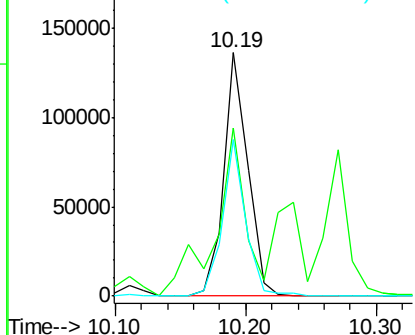


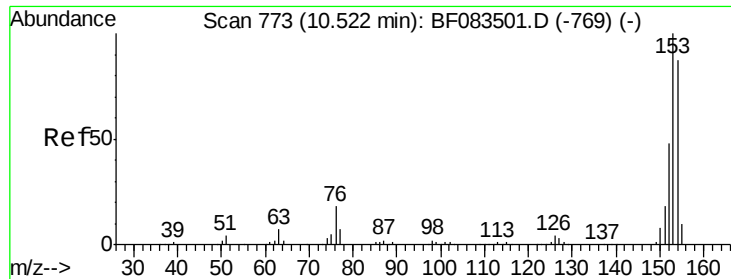
#50
2,6-Dinitrotoluene
Concen: 41.37 ng
RT: 10.19 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:165 Resp: 174744
Ion Ratio Lower Upper
165 100
63 69.2 56.9 85.3
89 64.5 52.1 78.1



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





#51

Acenaphthene

Concen: 39.94 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

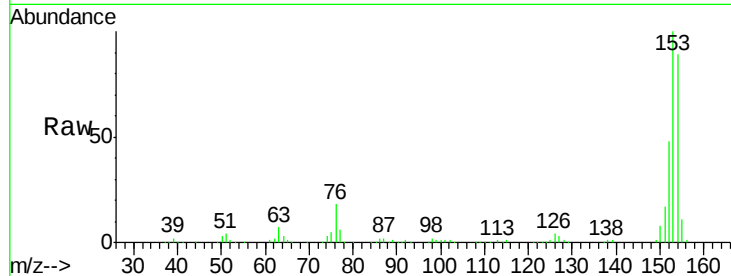
Tot Ion:154 Resp: 642370

Ion Ratio Lower Upper

154 100

153 112.7 91.4 137.0

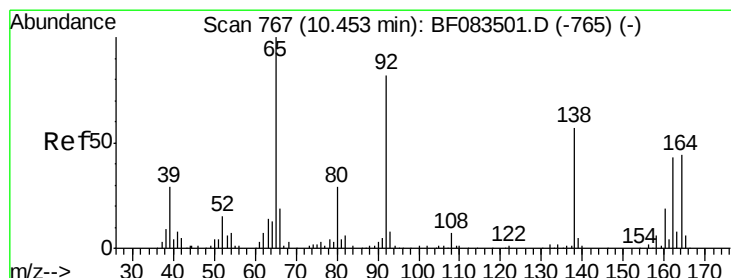
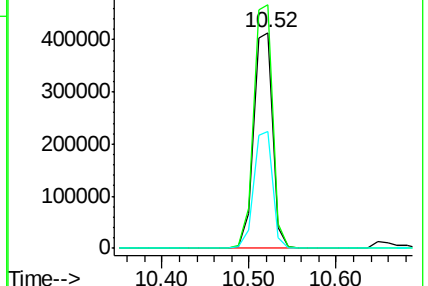
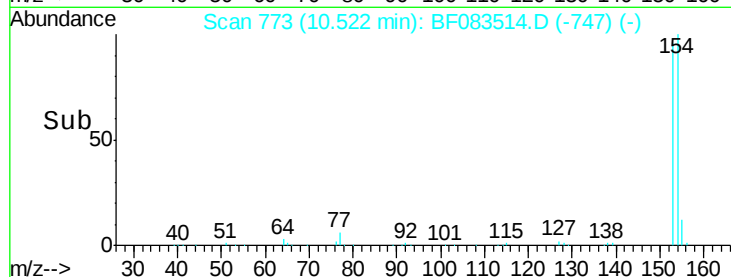
152 54.1 43.4 65.2



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: 41.60 ng

RT: 10.45 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

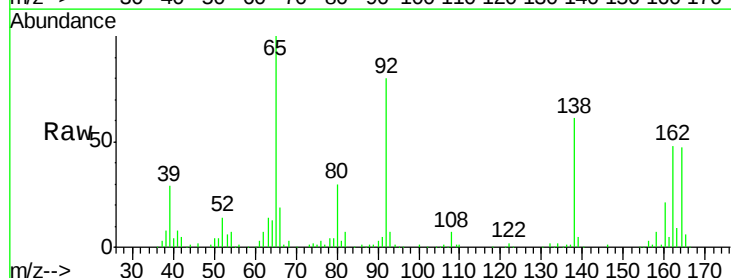
Tgt Ion:138 Resp: 189469

Ion Ratio Lower Upper

138 100

108 11.8 9.9 14.9

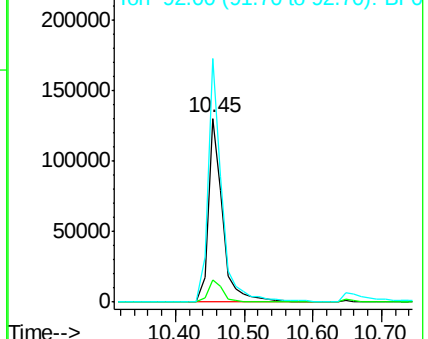
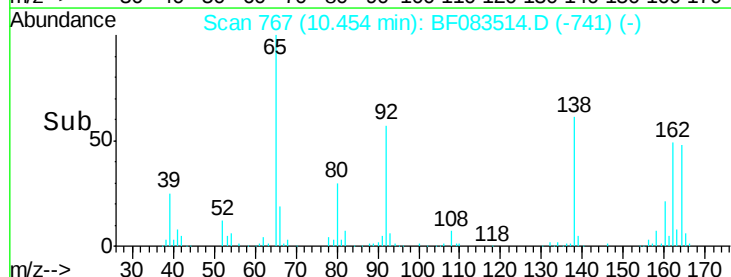
92 132.3 113.8 170.8

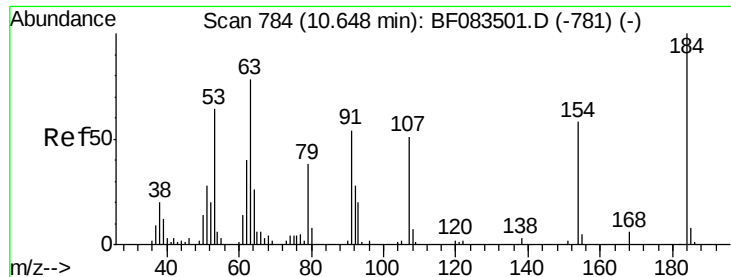


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

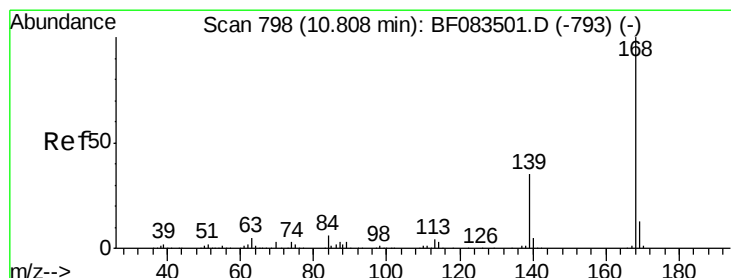
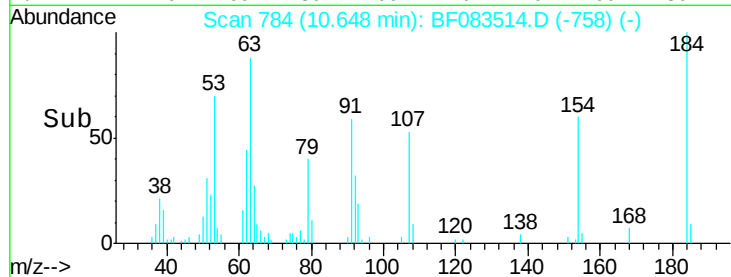
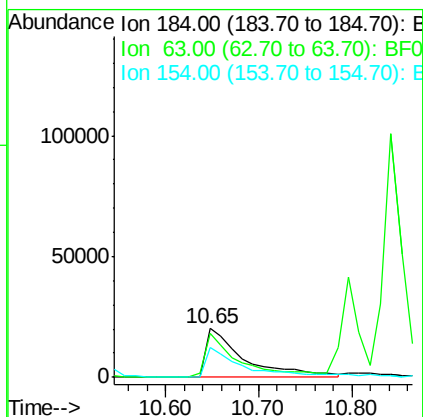
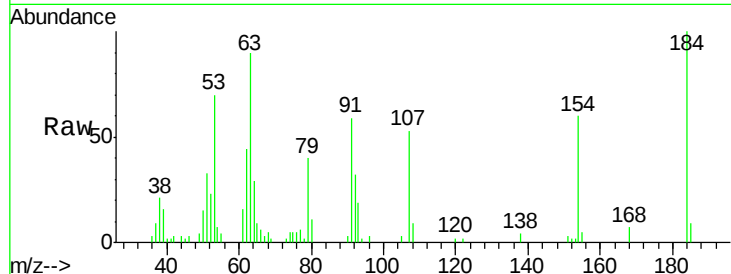




#53
 2,4-Dinitrophenol
 Concen: 31.63 ng
 RT: 10.65 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

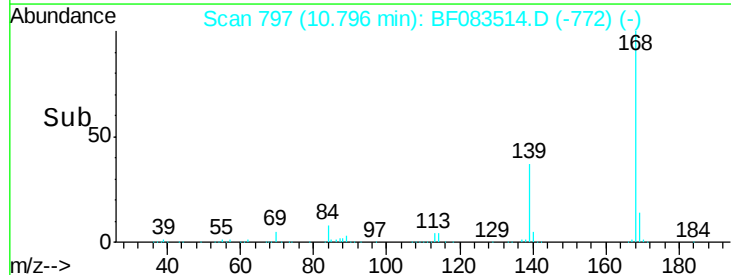
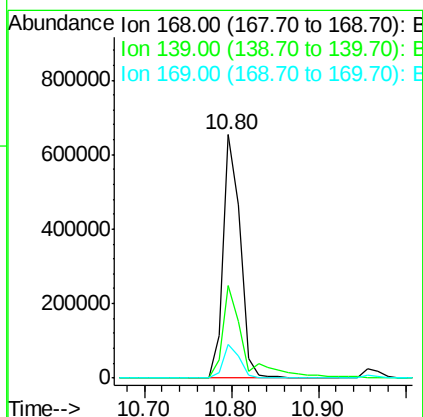
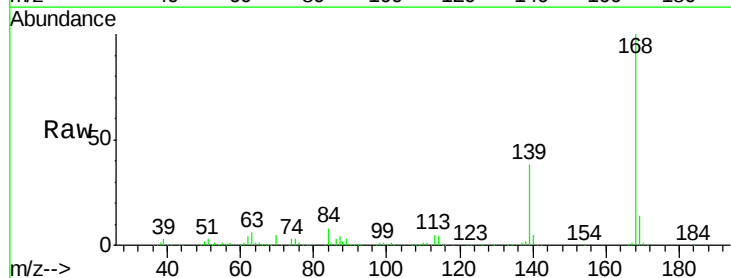
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

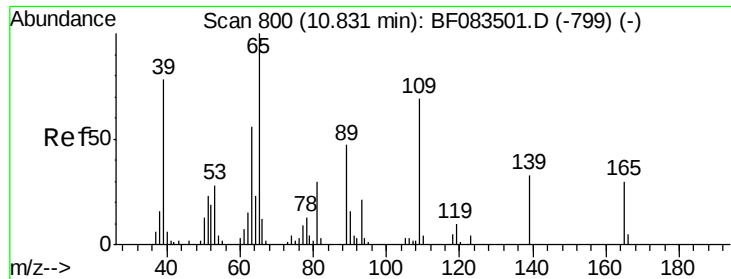
Tot Ion:184 Resp: 57801
 Ion Ratio Lower Upper
 184 100
 63 90.3 62.4 93.6
 154 60.0 46.6 69.8



#54
 Dibenzofuran
 Concen: 40.29 ng
 RT: 10.80 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Tgt Ion:168 Resp: 897733
 Ion Ratio Lower Upper
 168 100
 139 37.9 28.0 42.0
 169 13.8 10.8 16.2

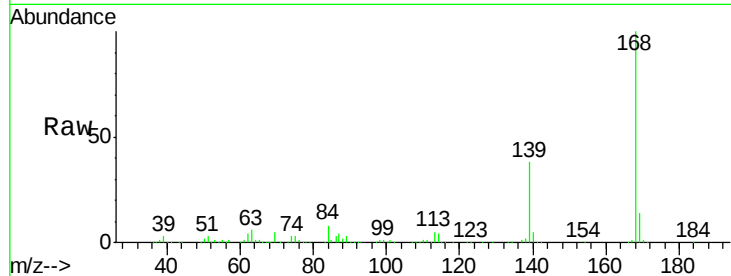




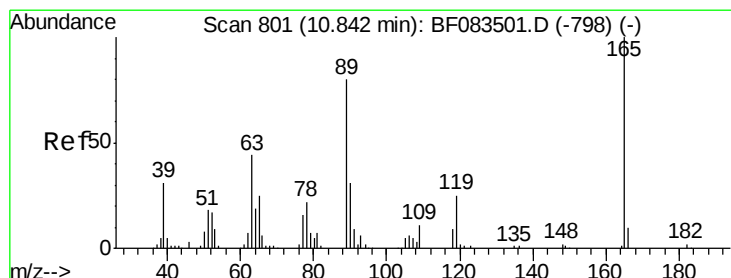
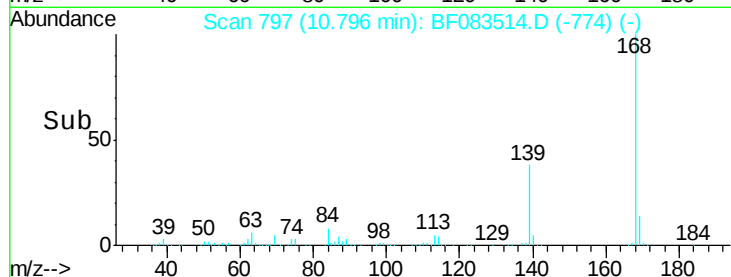
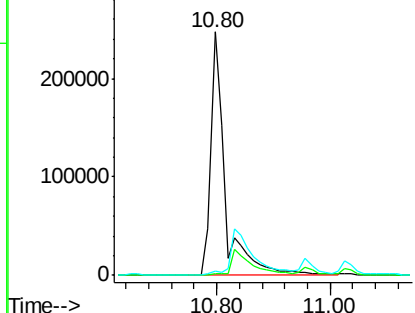
#55
4-Nitrophenol
Concen: 166.18 ng
RT: 10.80 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 426273
Ion Ratio Lower Upper
139 100
109 0.8 42.0 82.0#
65 1.9 89.2 129.2#

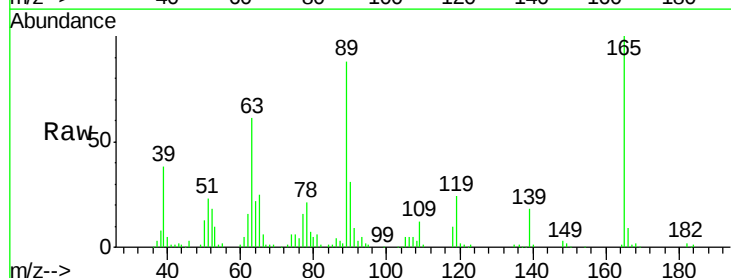


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

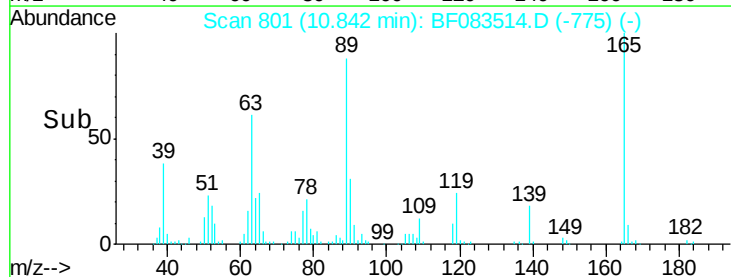
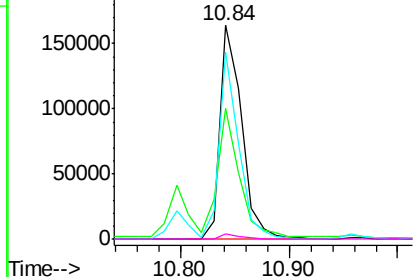


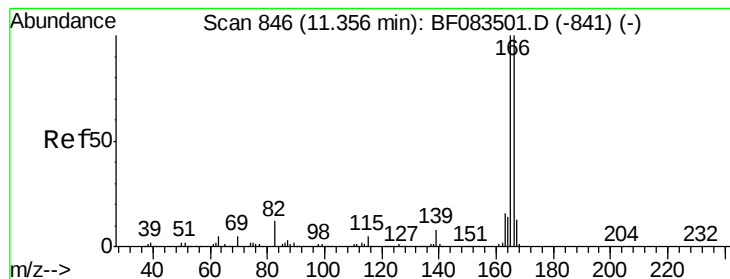
#56
2,4-Dinitrotoluene
Concen: 41.25 ng
RT: 10.84 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:165 Resp: 227583
Ion Ratio Lower Upper
165 100
63 61.4 51.4 77.2
89 87.6 72.6 108.8
182 2.2 1.4 2.0#



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





#57

Fluorene

Concen: 40.65 ng

RT: 11.36 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

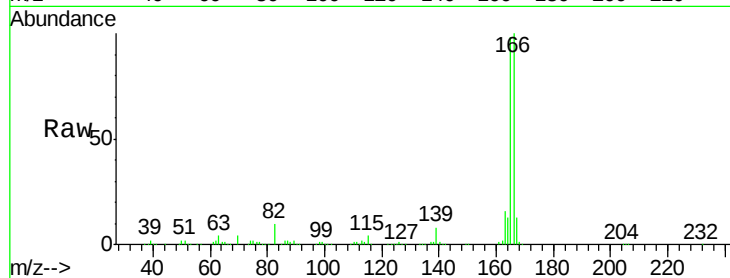
Tot Ion:166 Resp: 787966

Ion Ratio Lower Upper

166 100

165 97.7 80.0 120.0

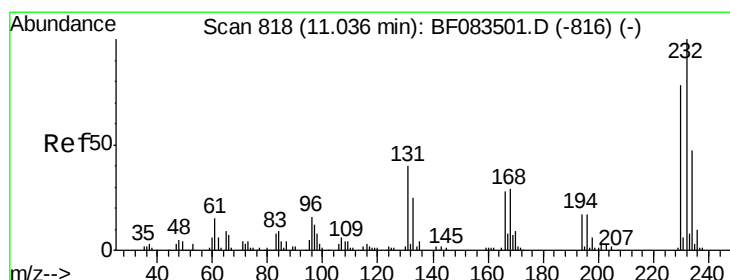
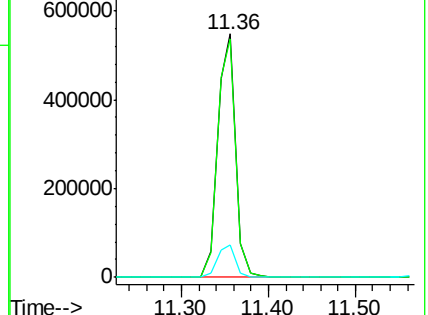
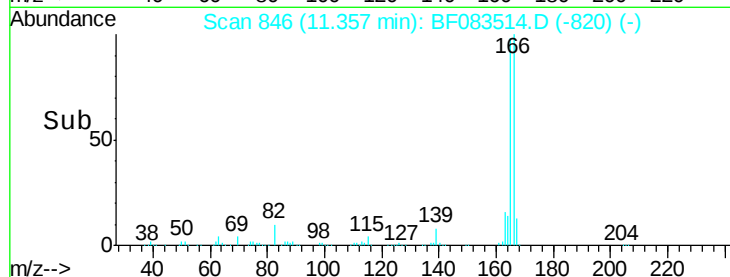
167 13.3 10.6 16.0



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: 40.04 ng

RT: 11.04 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Tgt Ion:232 Resp: 162317

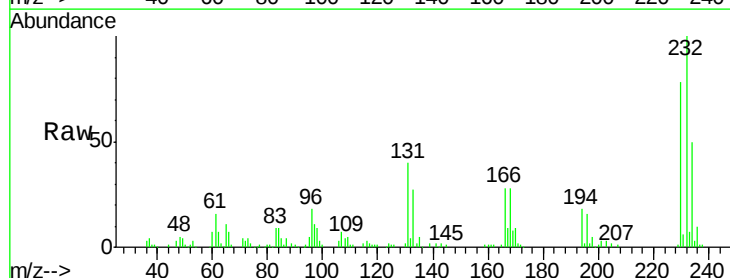
Ion Ratio Lower Upper

232 100

131 49.2 0.0 0.0#

130 2.0 0.0 0.0#

166 32.5 0.0 0.0#

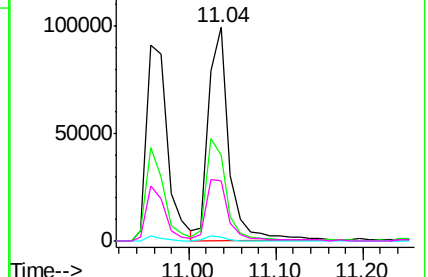
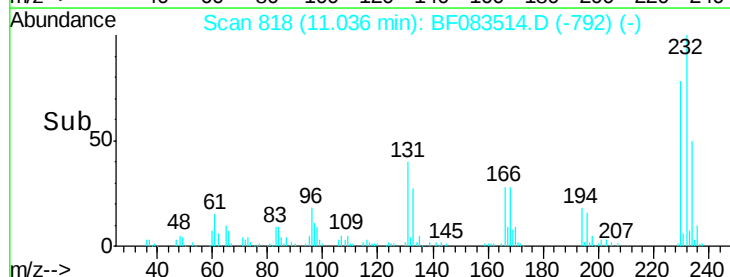


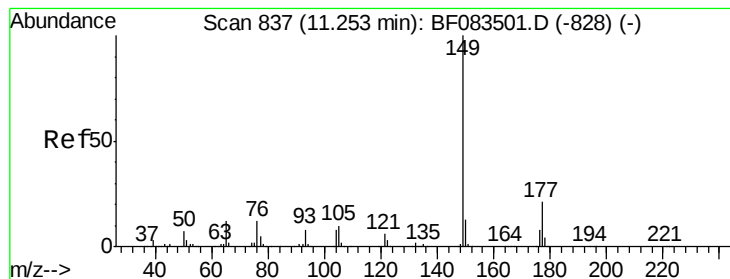
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.54 ng

RT: 11.25 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

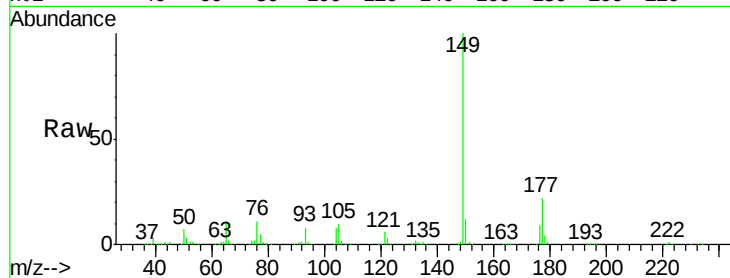
Tot Ion:149 Resp: 782631

Ion Ratio Lower Upper

149 100

177 21.8 16.9 25.3

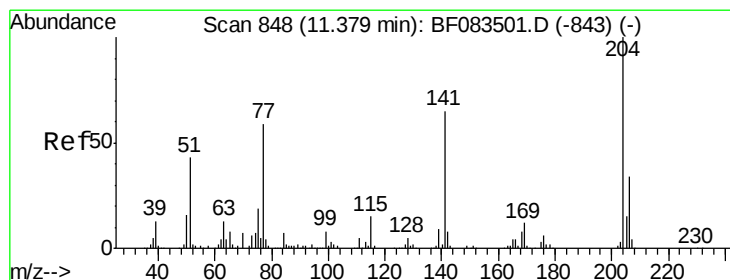
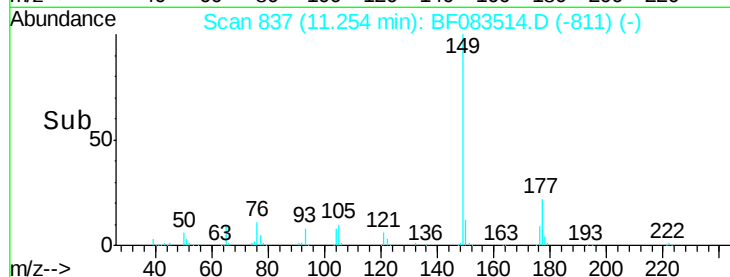
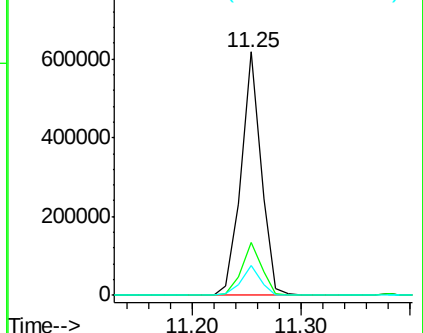
150 12.3 10.2 15.4



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: 39.45 ng

RT: 11.38 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

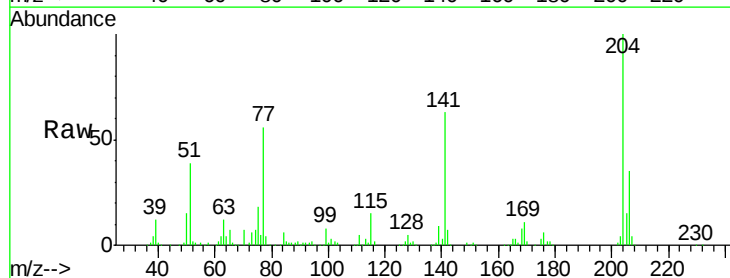
Tgt Ion:204 Resp: 366448

Ion Ratio Lower Upper

204 100

206 34.5 27.3 40.9

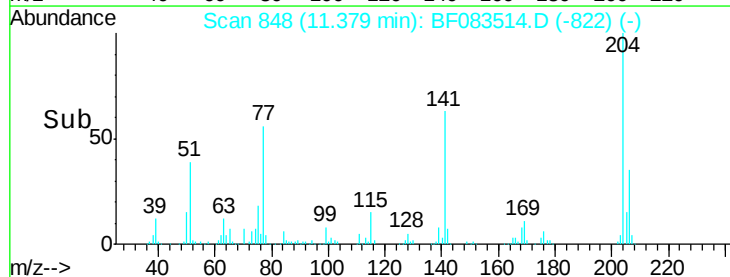
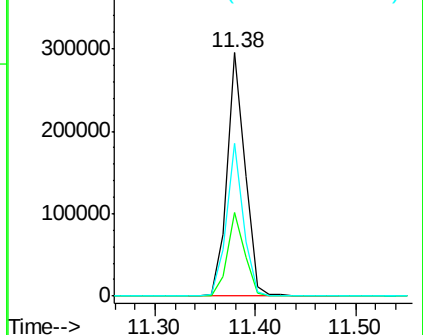
141 62.6 51.9 77.9

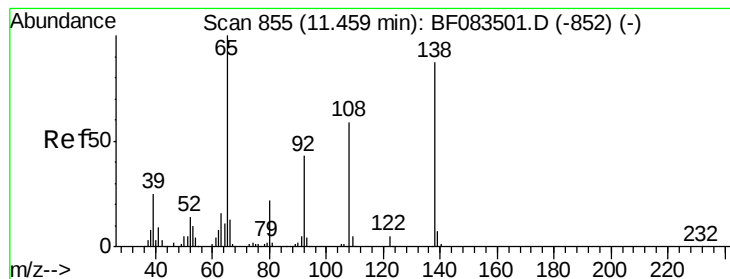


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.72 ng

RT: 11.45 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

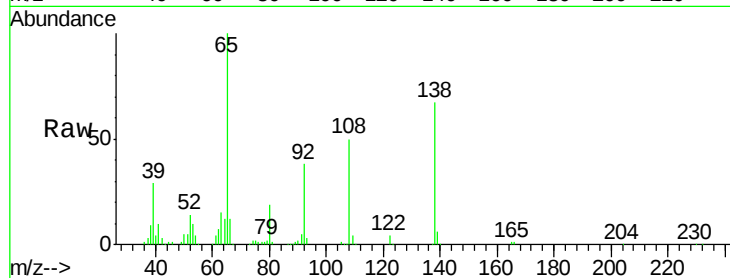
Tot Ion:138 Resp: 176291

Ion Ratio Lower Upper

138 100

92 56.6 29.0 69.0

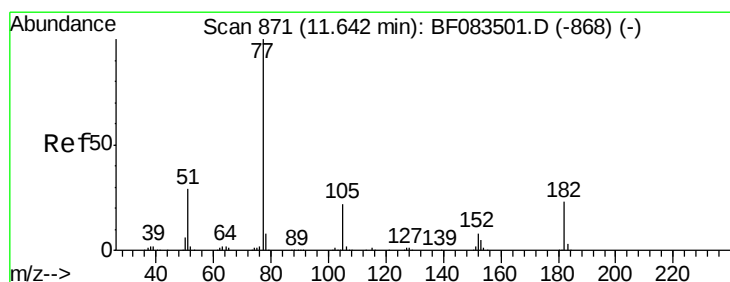
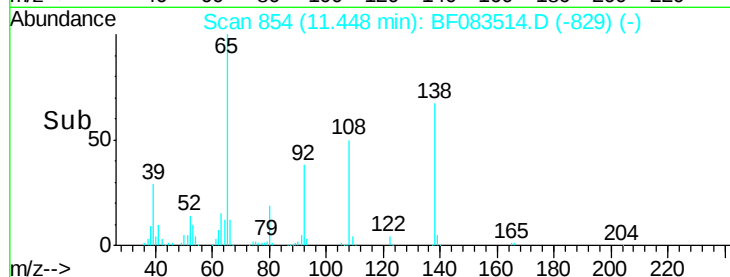
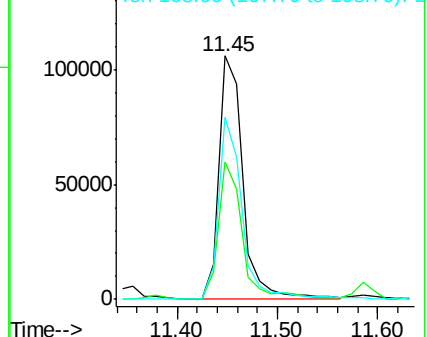
108 74.8 47.4 87.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.27 ng

RT: 11.63 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Tgt Ion: 77 Resp: 808842

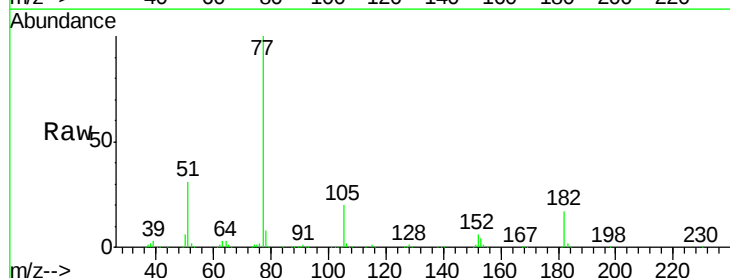
Ion Ratio Lower Upper

77 100

182 16.7 2.5 42.5

105 20.4 2.1 42.1

51 31.0 9.3 49.3

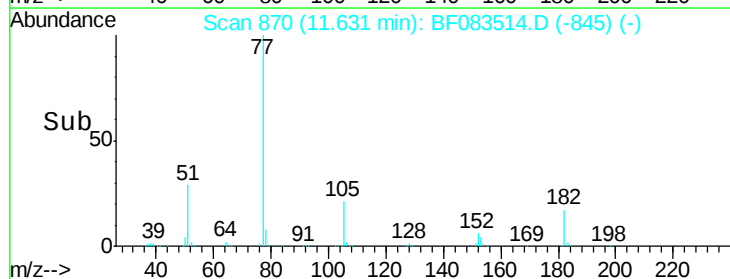
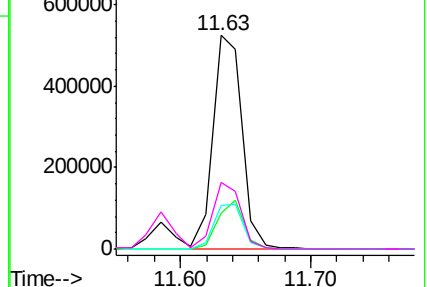


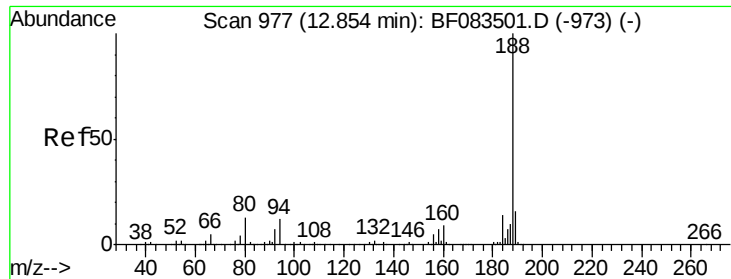
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

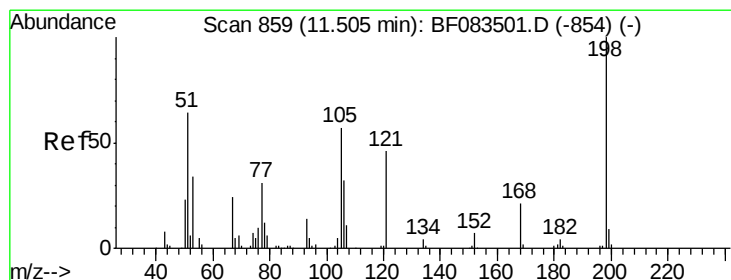
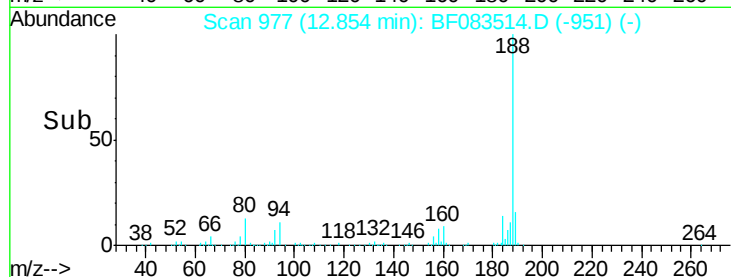
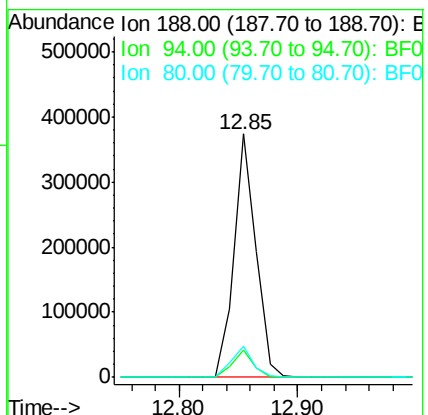
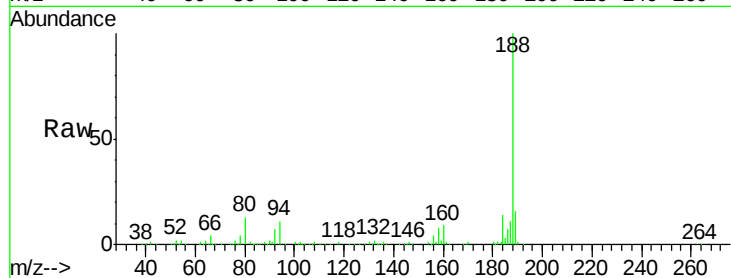




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

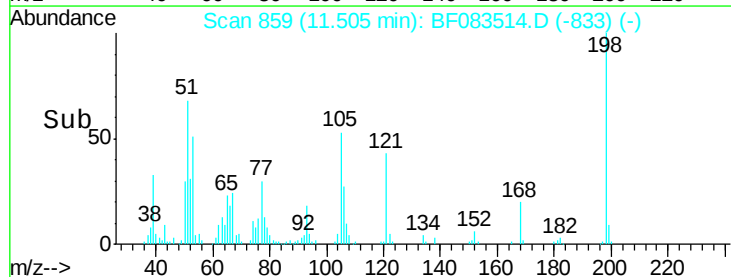
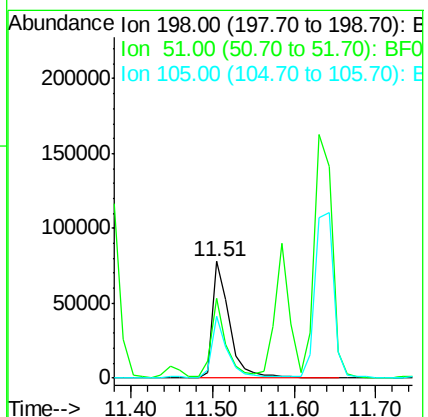
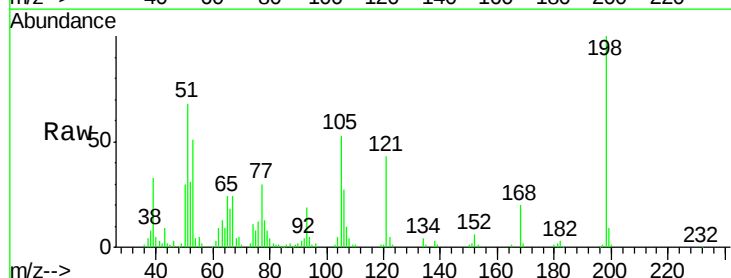
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

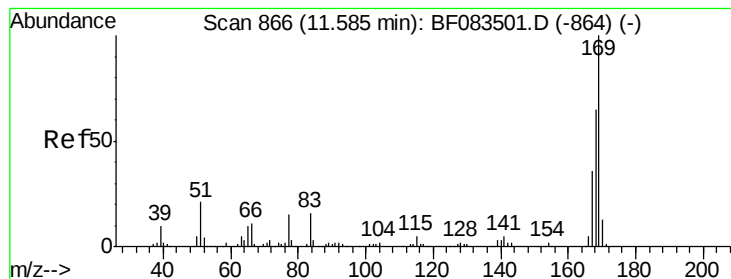
Tot Ion:188 Resp: 481027
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 13.0 10.6 16.0



#64
4,6-Dinitro-2-methylphenol
Concen: 36.35 ng
RT: 11.51 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:198 Resp: 115034
Ion Ratio Lower Upper
198 100
51 68.3 53.8 93.8
105 53.4 38.6 78.6





#65

n-Nitrosodiphenylamine

Concen: 40.48 ng

RT: 11.59 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

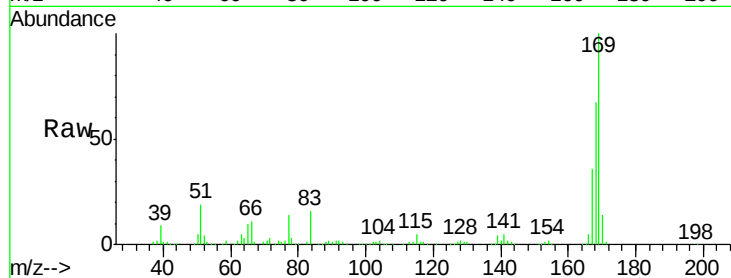
Tot Ion:169 Resp: 644705

Ion Ratio Lower Upper

169 100

168 67.0 53.0 79.6

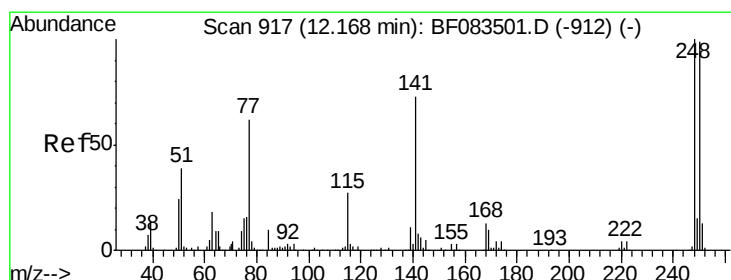
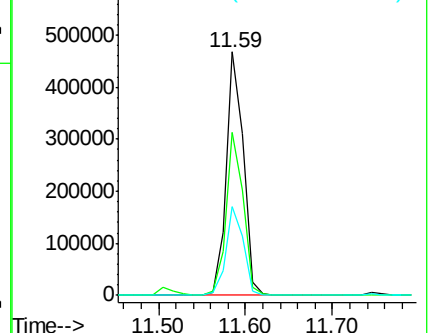
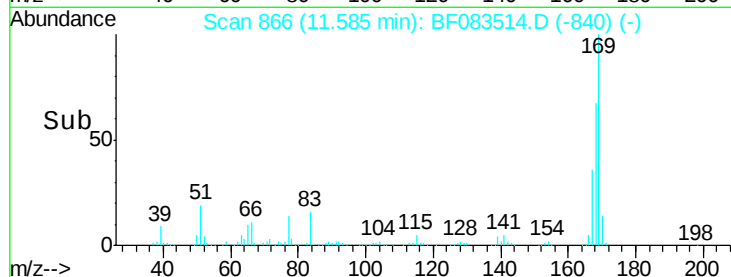
167 36.2 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.82 ng

RT: 12.17 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

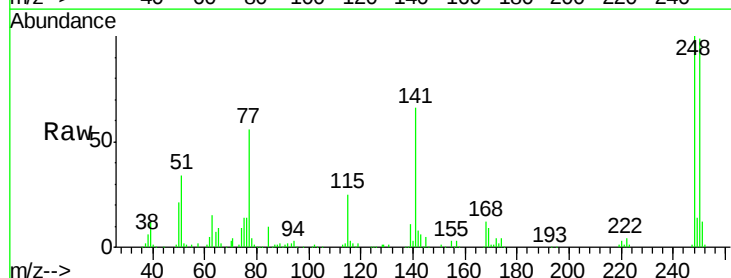
Tgt Ion:248 Resp: 209294

Ion Ratio Lower Upper

248 100

250 98.9 79.2 118.8

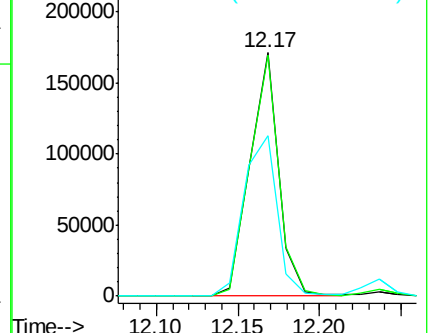
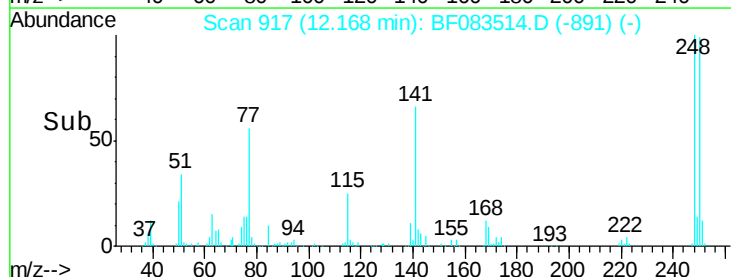
141 65.9 58.2 87.4

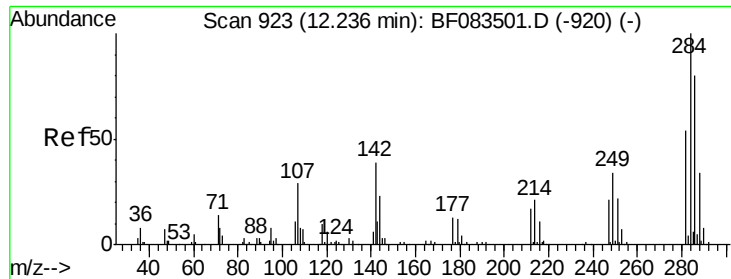


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

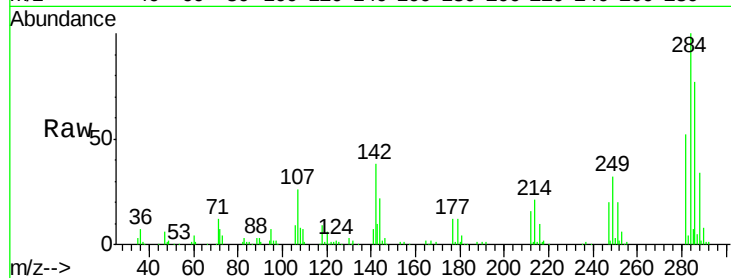




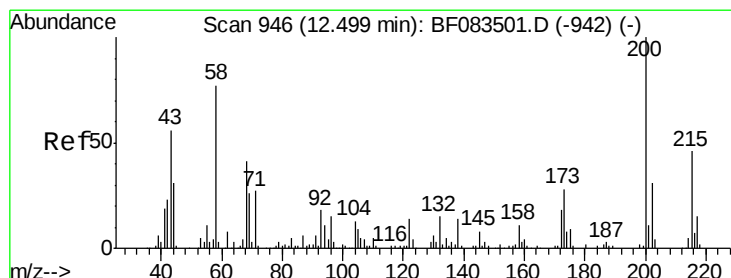
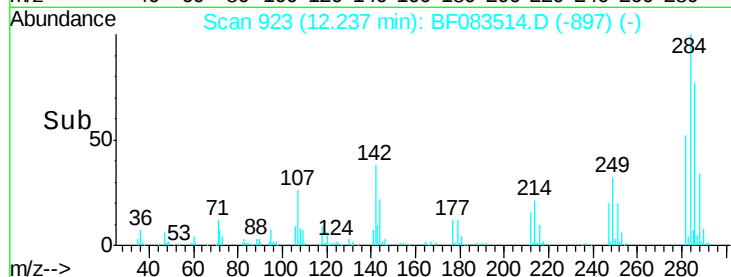
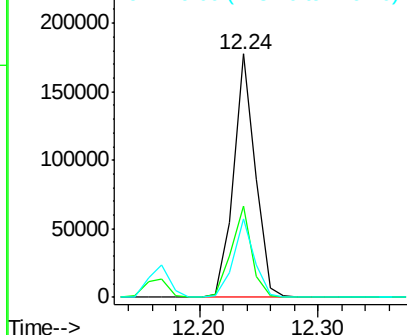
#67
Hexachlorobenzene
Concen: 40.09 ng
RT: 12.24 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 225251
Ion Ratio Lower Upper
284 100
142 37.5 31.0 46.4
249 32.5 26.9 40.3

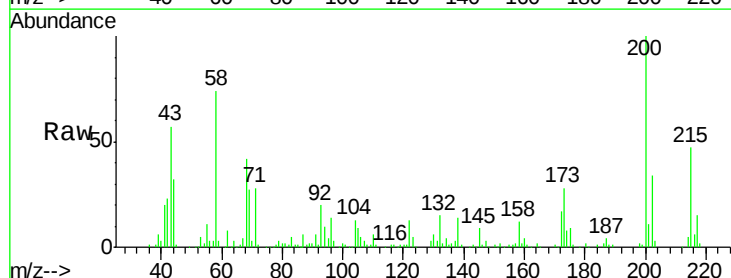


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

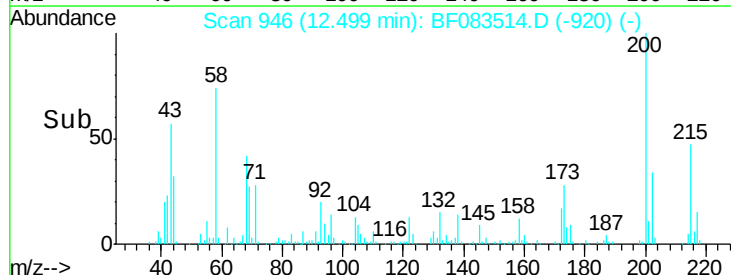
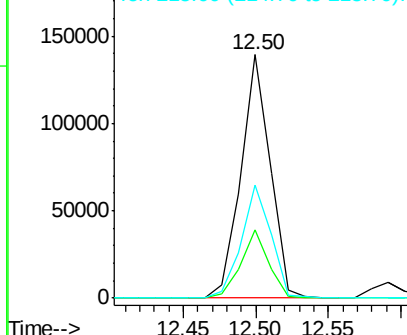


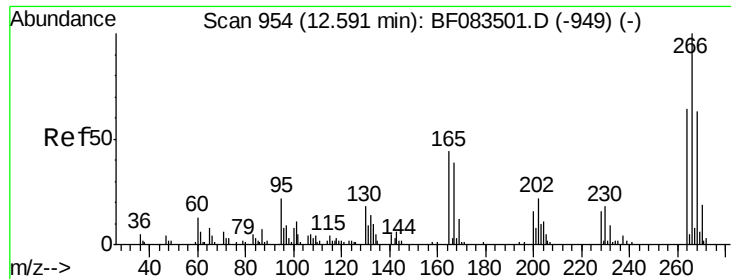
#68
Atrazine
Concen: 40.50 ng
RT: 12.50 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:200 Resp: 195030
Ion Ratio Lower Upper
200 100
173 28.2 7.8 47.8
215 46.6 25.7 65.7



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

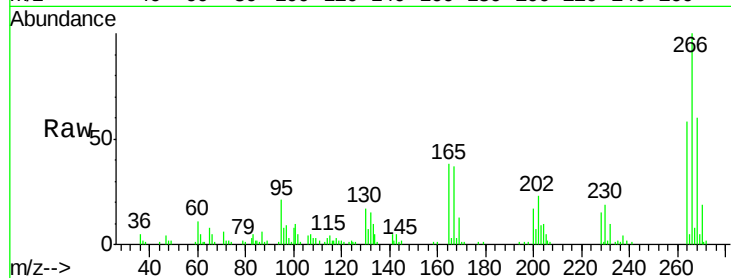




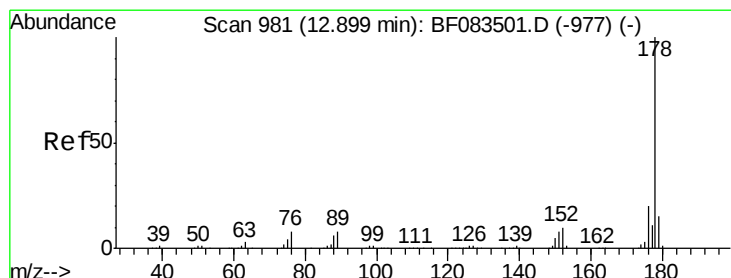
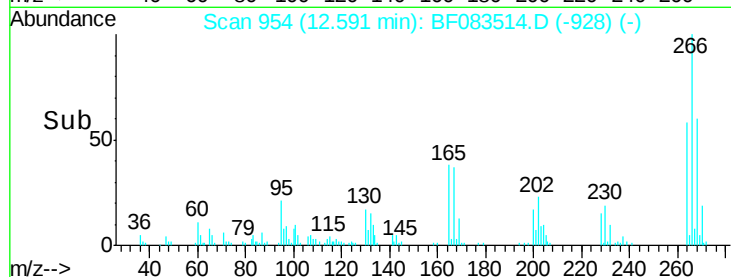
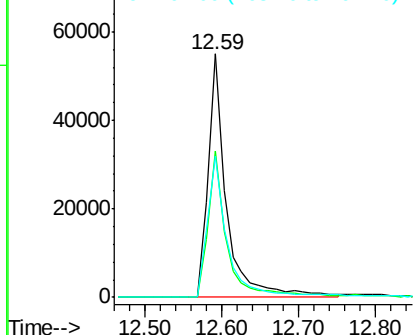
#69
 Pentachlorophenol
 Concen: 38.23 ng
 RT: 12.59 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 91364
 Ion Ratio Lower Upper
 266 100
 268 60.0 50.2 75.2
 264 58.2 51.4 77.2

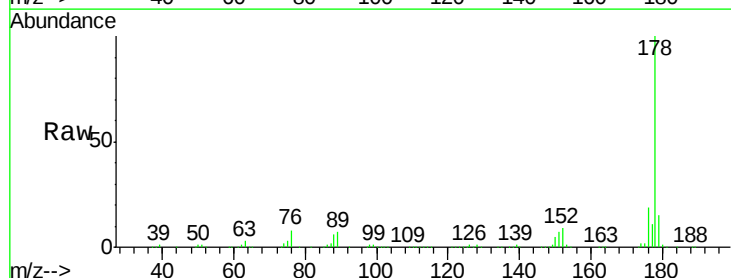


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

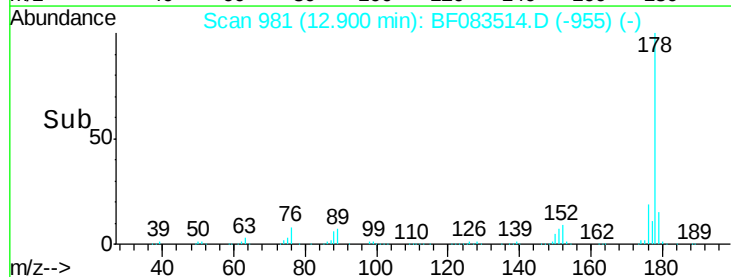
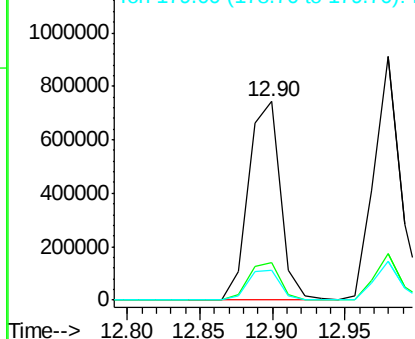


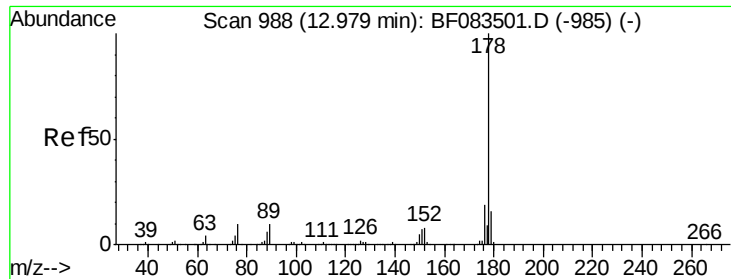
#70
 Phenanthrene
 Concen: 40.22 ng
 RT: 12.90 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Tgt Ion:178 Resp: 1126227
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.7 23.5
 179 15.2 12.2 18.4



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

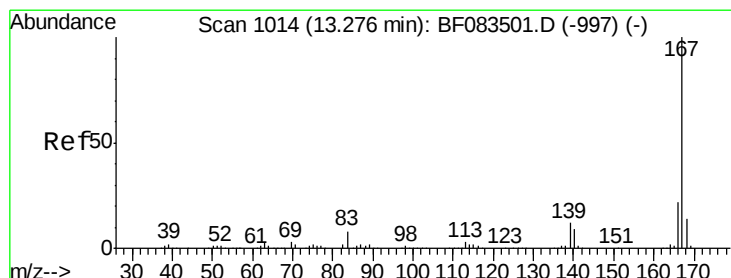
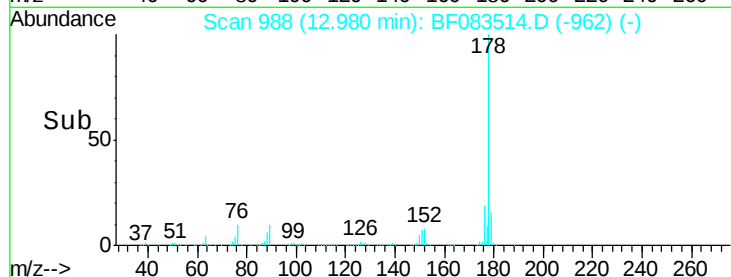
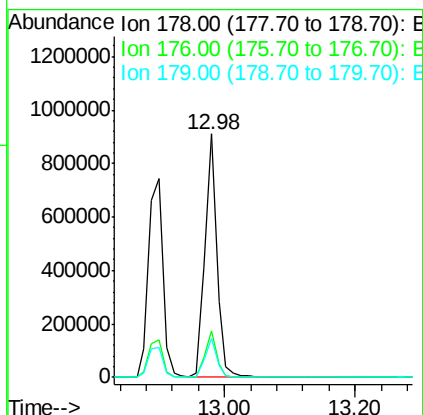
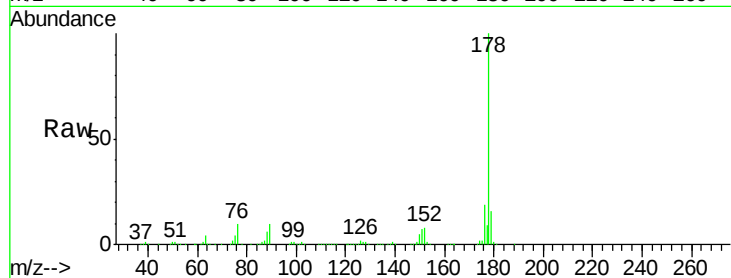




#71
 Anthracene
 Concen: 40.70 ng
 RT: 12.98 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

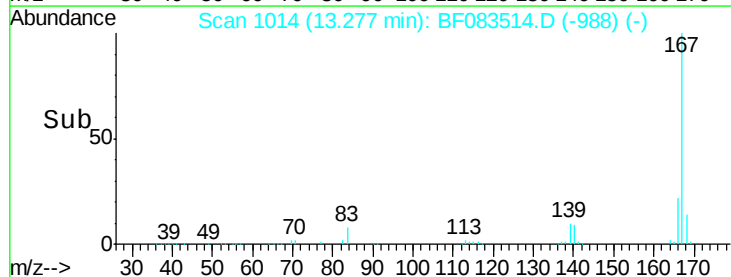
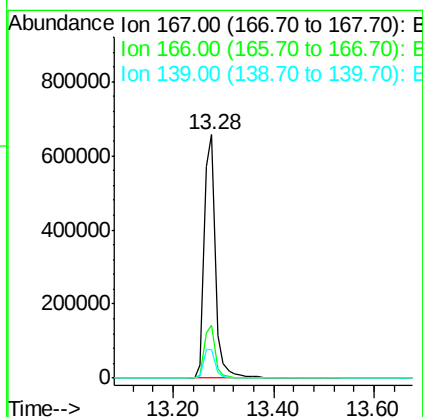
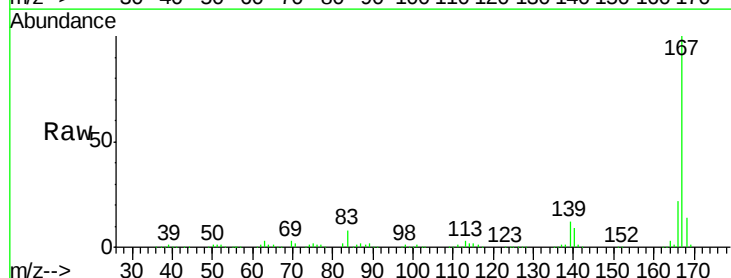
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

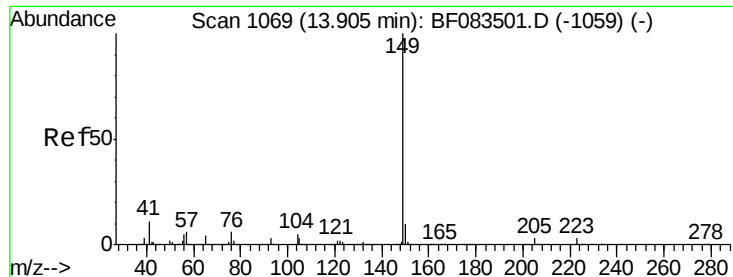
Tot Ion:178 Resp: 1162074
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.2 22.8
 179 15.9 12.6 18.8



#72
 Carbazole
 Concen: 41.45 ng
 RT: 13.28 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Tgt Ion:167 Resp: 1016293
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 11.7 9.3 13.9

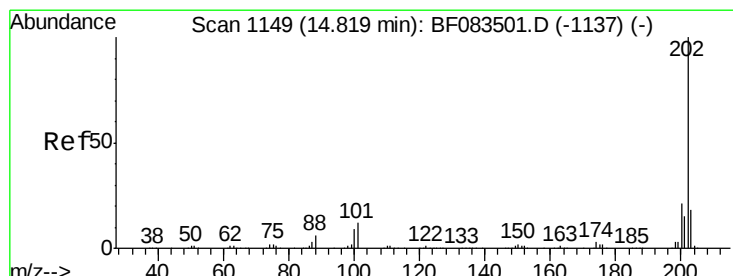
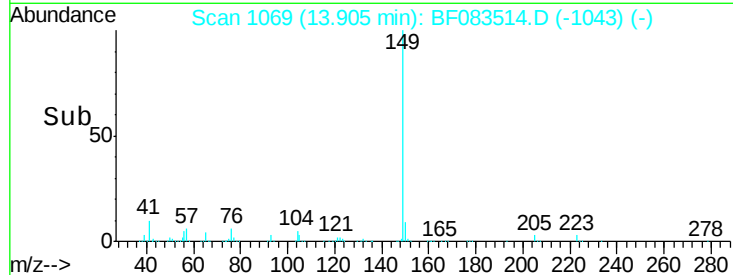
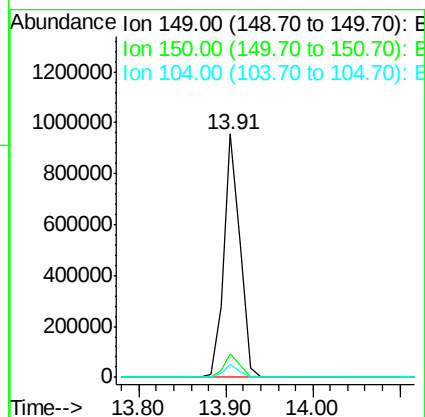
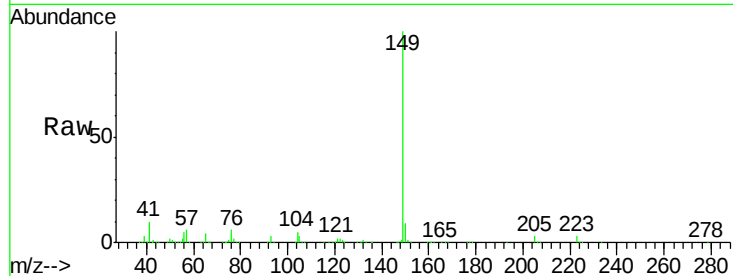




#73
Di-n-butylphthalate
Concen: 42.04 ng
RT: 13.91 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

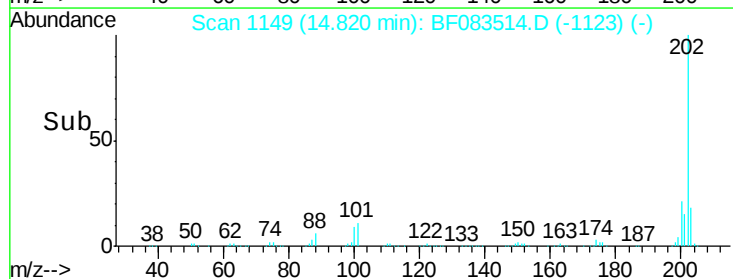
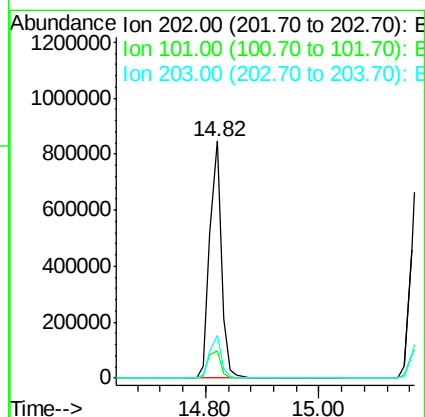
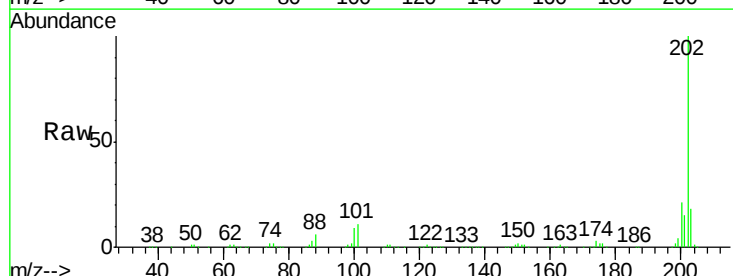
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

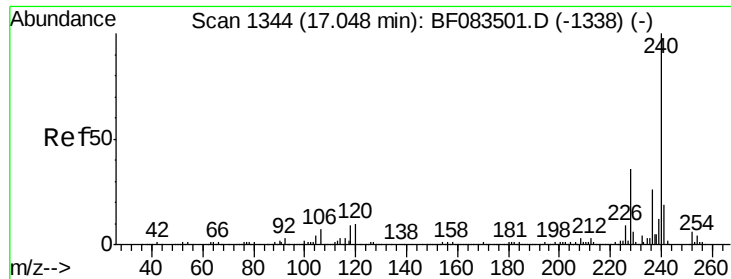
Tot Ion:149 Resp: 1241491
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.2 3.9 5.9



#74
Fluoranthene
Concen: 41.47 ng
RT: 14.82 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:202 Resp: 1150872
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.5
203 18.1 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

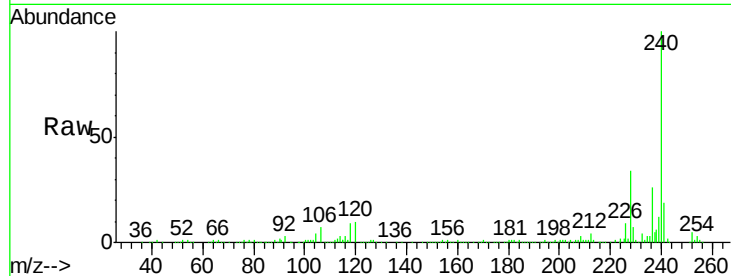
Tot Ion:240 Resp: 380834

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

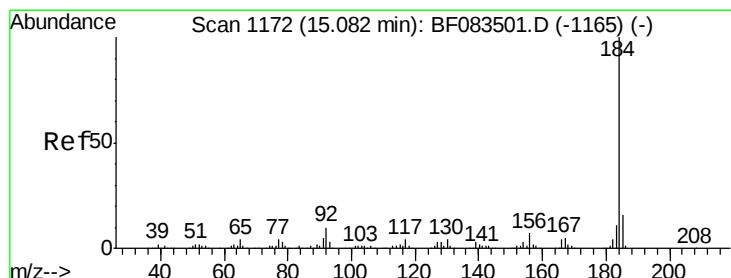
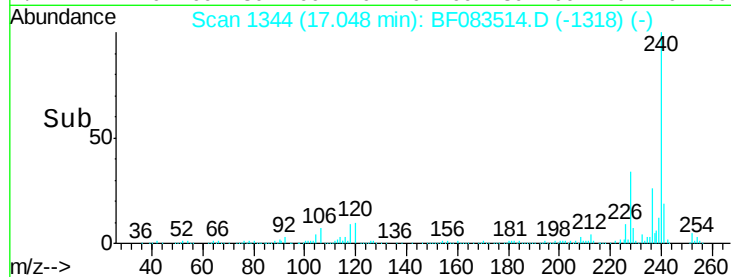
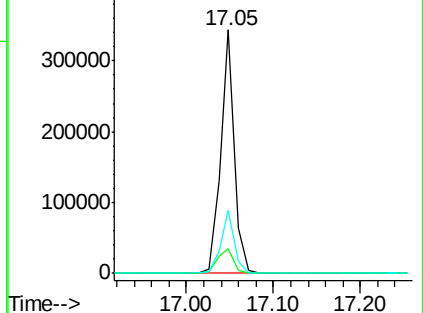
236 25.9 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.93 ng

RT: 15.08 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF083514.D

Acq: 5 Dec 2015 14:57

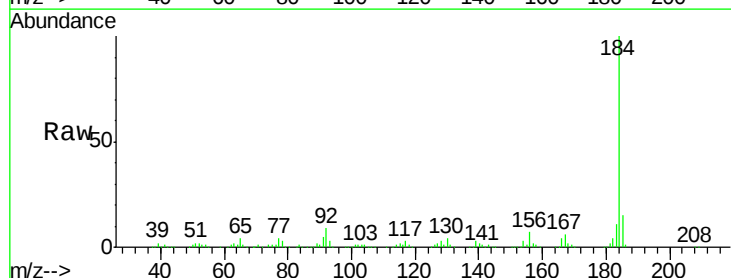
Tgt Ion:184 Resp: 563104

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

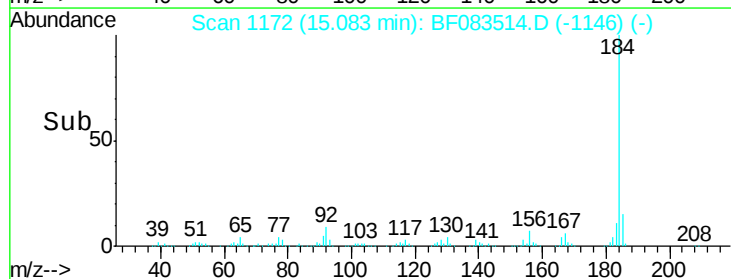
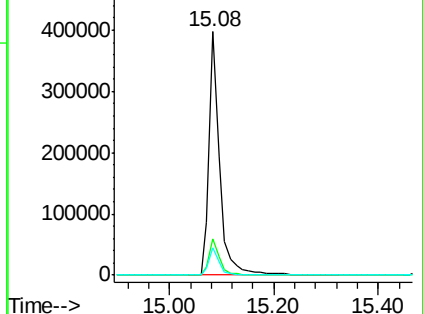
183 11.1 9.0 13.4

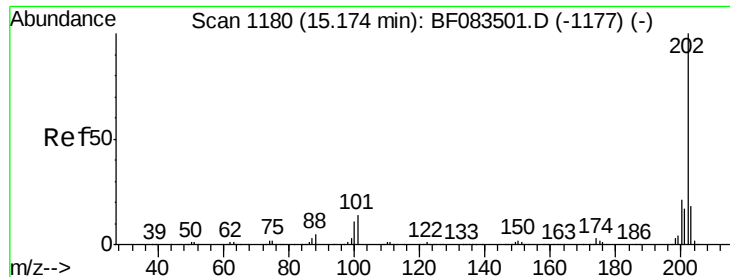


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

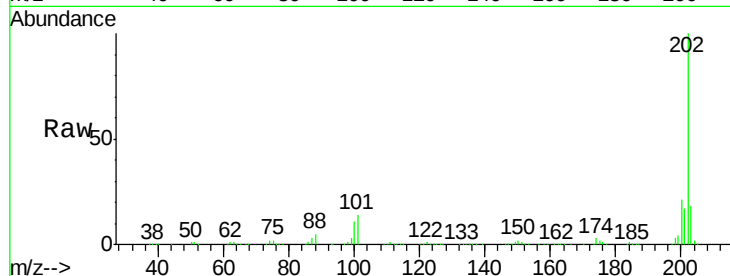




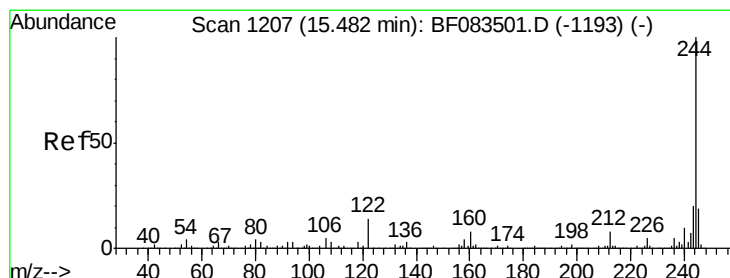
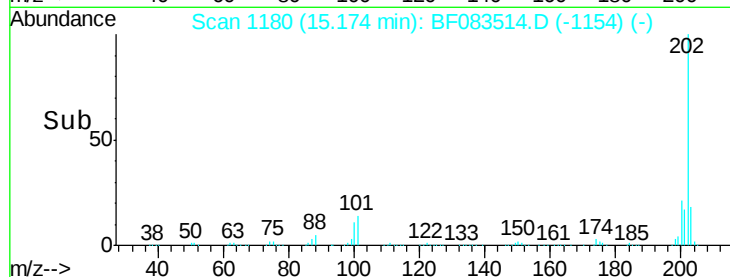
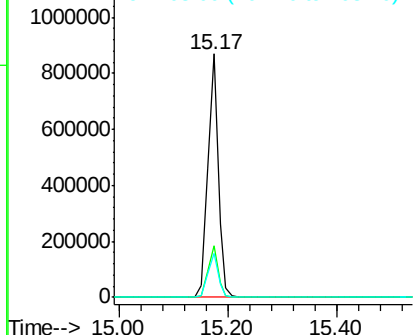
#77
Pvrene
Concen: 40.70 ng
RT: 15.17 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1159372
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 18.0 14.3 21.5

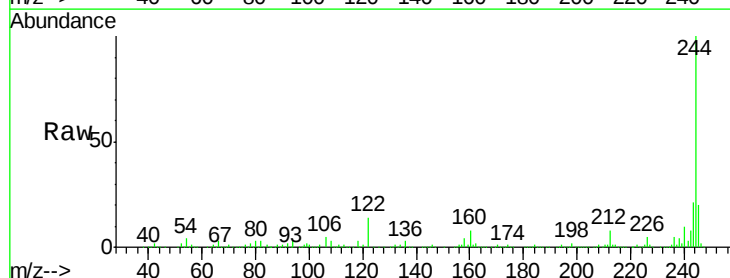


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

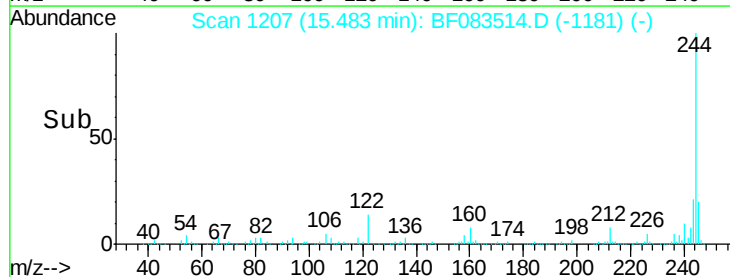
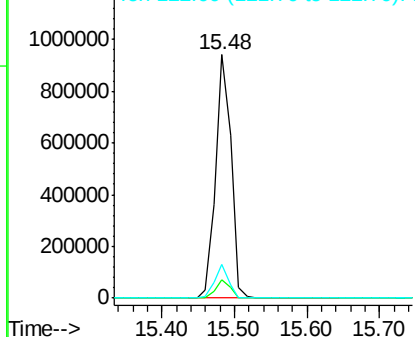


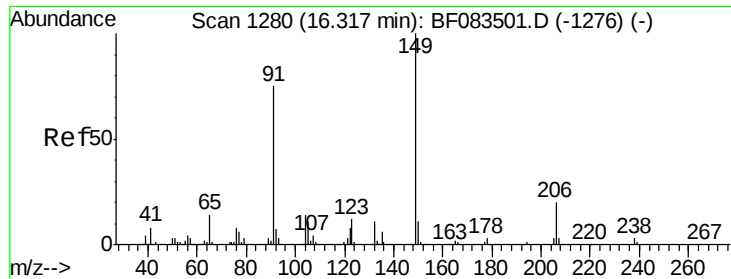
#78
Terphenyl-d14
Concen: 81.30 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:244 Resp: 1391359
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.6 11.0 16.6



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

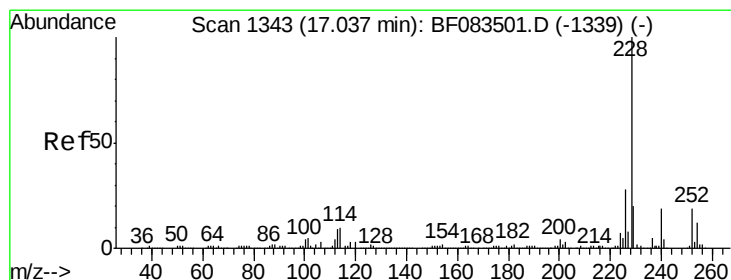
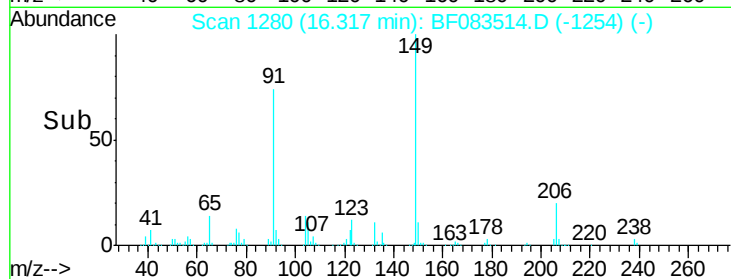
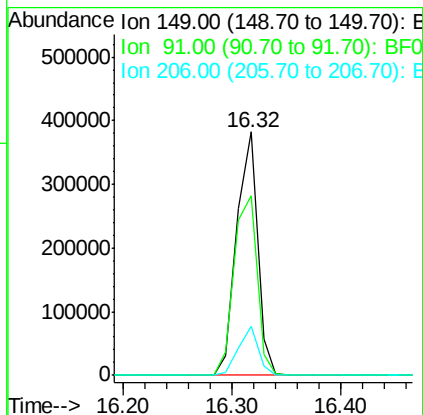
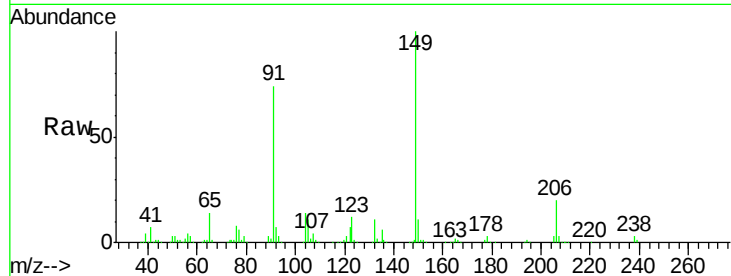




#79
Butylbenzylphthalate
Concen: 45.17 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

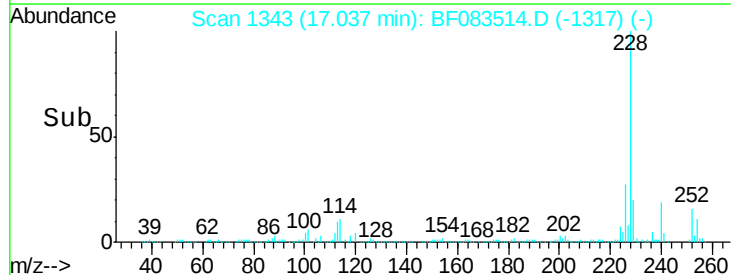
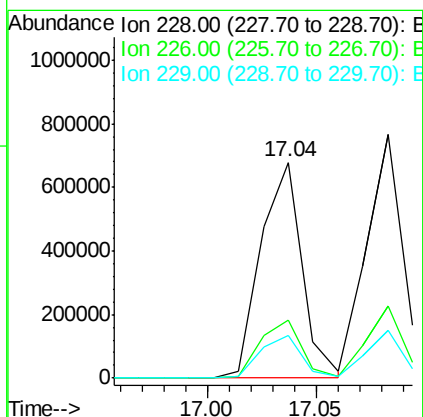
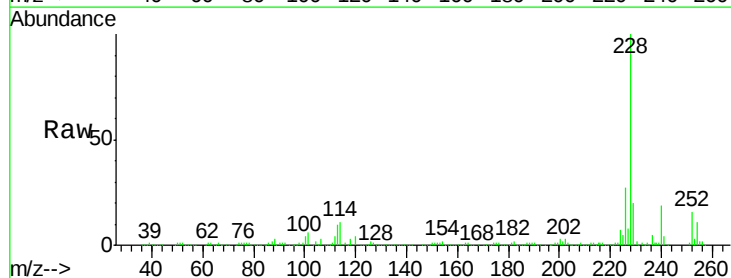
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

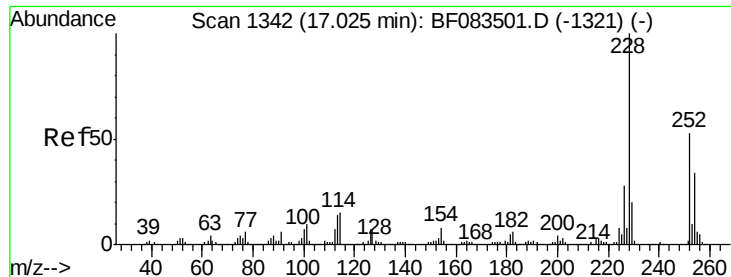
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.9	60.0	90.0
206	19.9	16.2	24.4



#80
Benzo(a)anthracene
Concen: 40.44 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.3	33.5
229	19.5	15.7	23.5

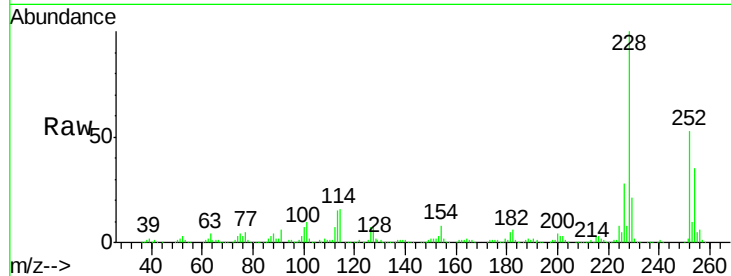




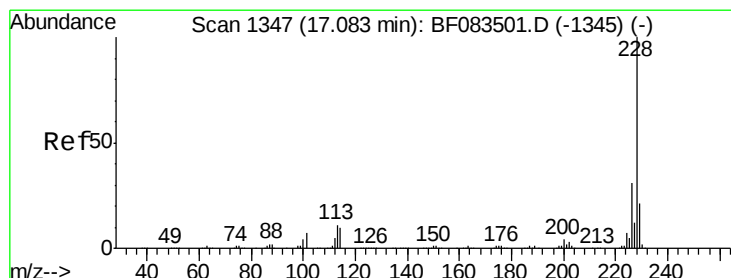
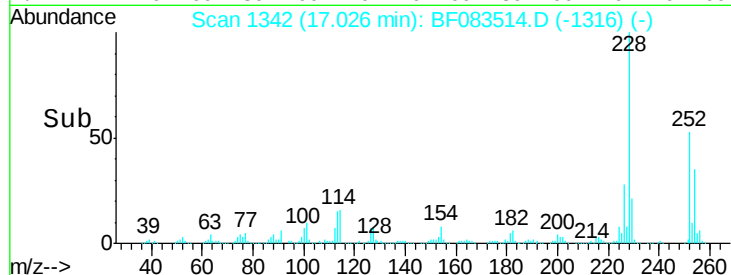
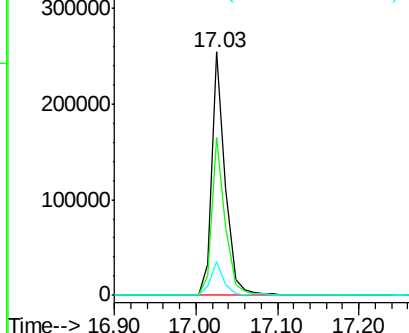
#81
 3,3'-Dichlorobenzidine
 Concen: 41.62 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 296591
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.6 76.0
 126 13.8 11.0 16.4

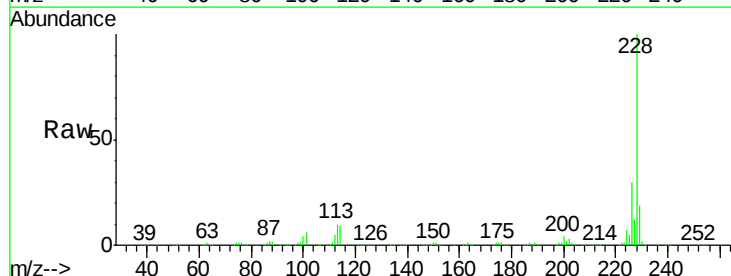


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

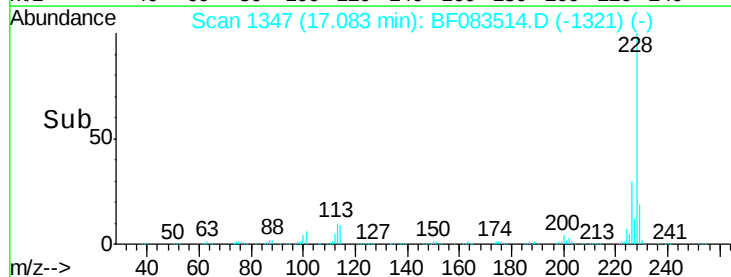
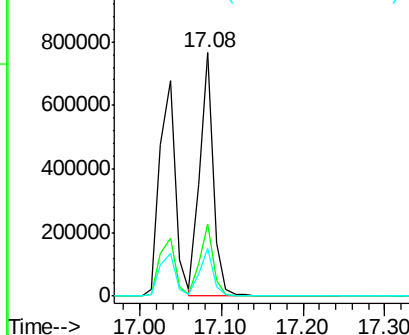


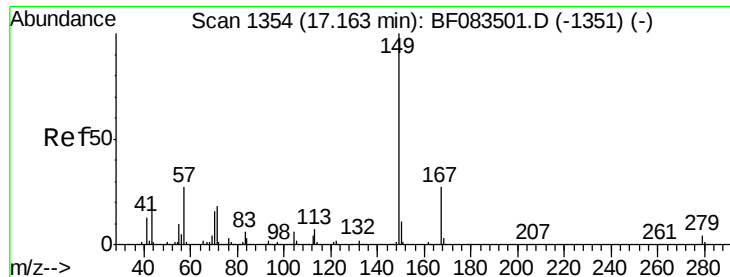
#82
 Chrysene
 Concen: 40.98 ng
 RT: 17.08 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Tgt Ion:228 Resp: 909664
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.7 37.1
 229 19.5 16.3 24.5



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

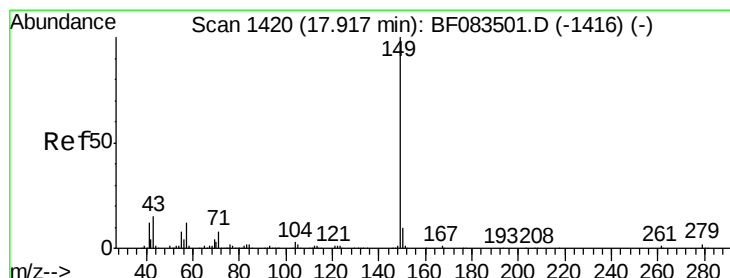
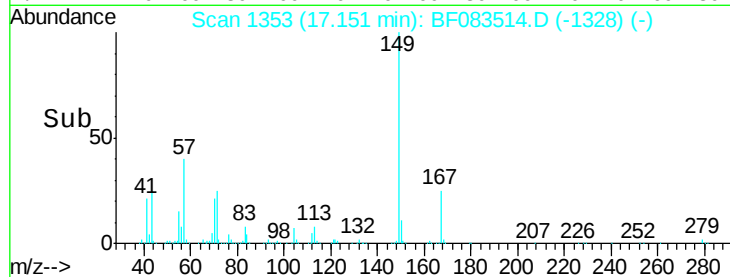
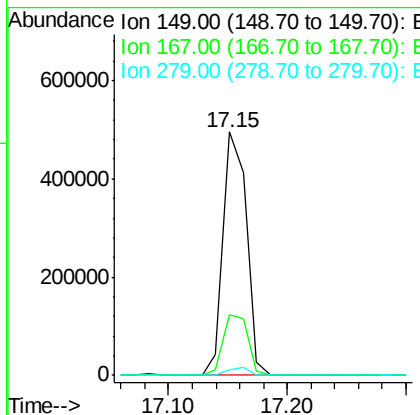
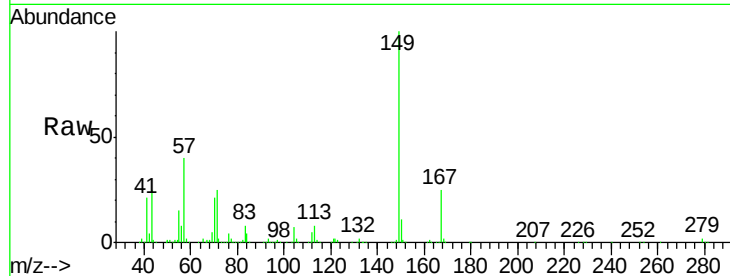




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.74 ng
 RT: 17.15 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

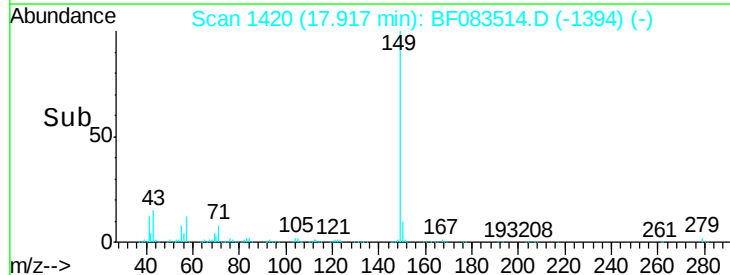
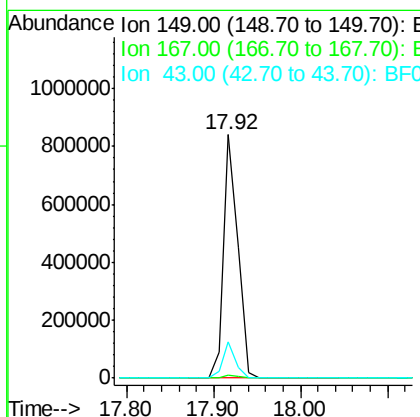
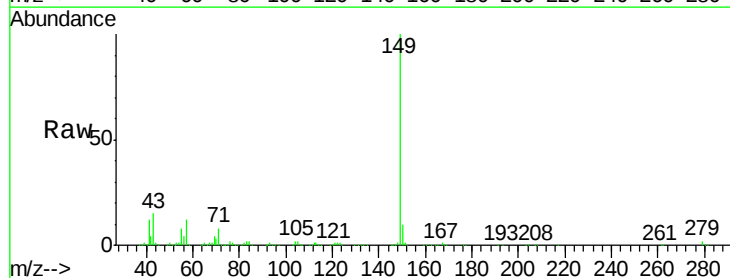
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

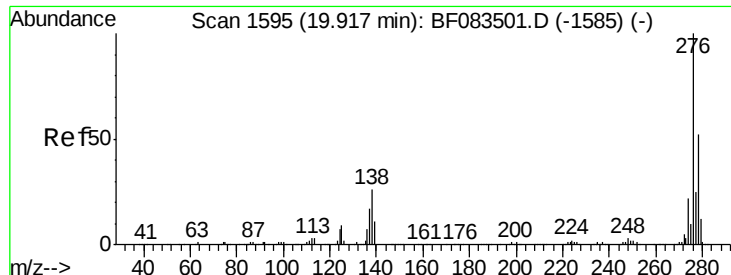
Tot Ion:149 Resp: 672440
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.8 32.8
 279 2.2 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 46.35 ng
 RT: 17.92 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Tgt Ion:149 Resp: 971757
 Ion Ratio Lower Upper
 149 100
 167 1.4 0.0 0.0#
 43 13.6 0.0 0.0#

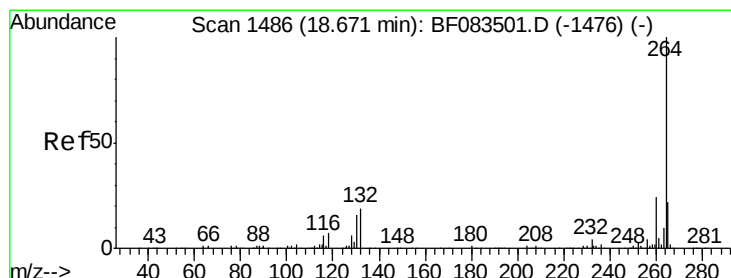
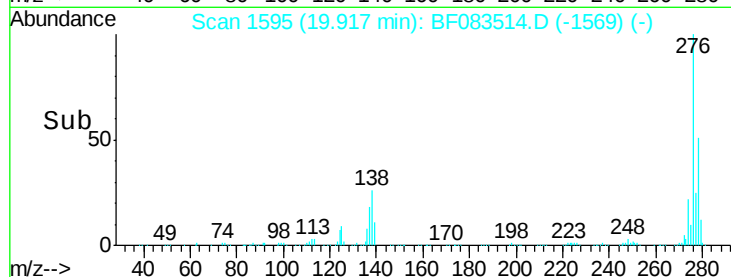
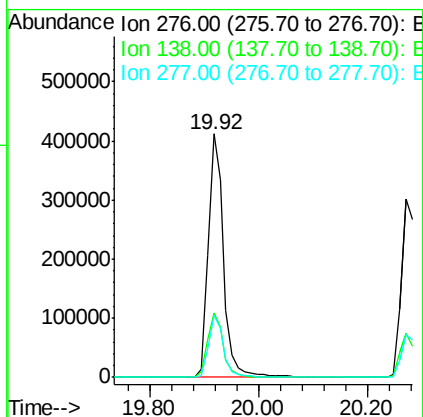
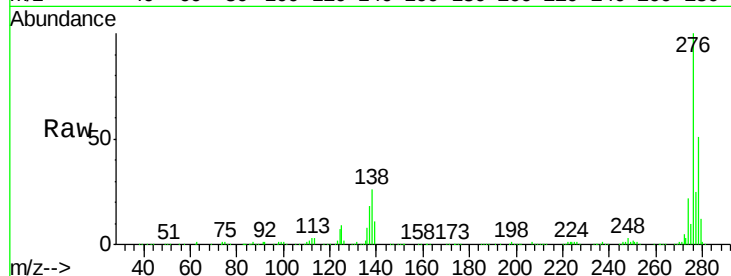




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.40 ng
RT: 19.92 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

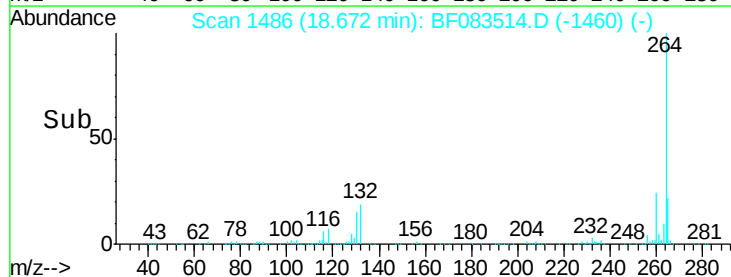
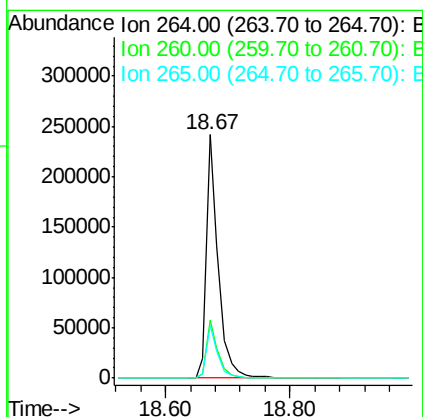
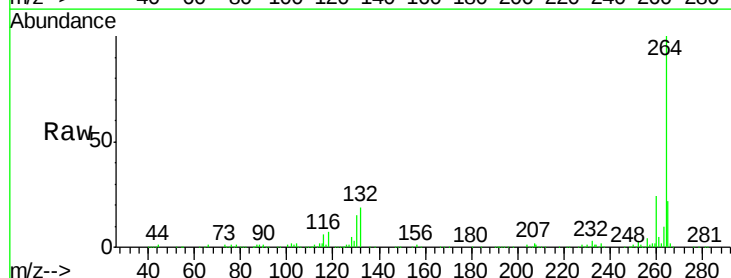
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

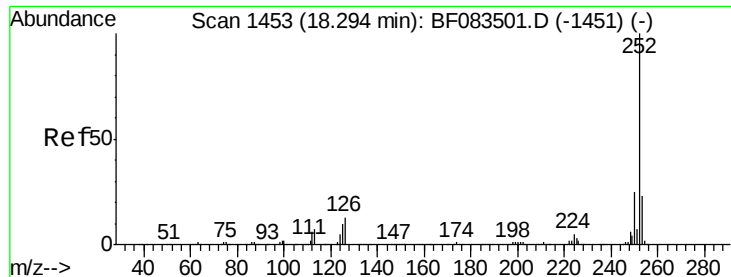
Tot Ion:276 Resp: 806848
Ion Ratio Lower Upper
276 100
138 27.4 0.0 0.0#
277 25.3 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:264 Resp: 317129
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 21.7 17.8 26.6

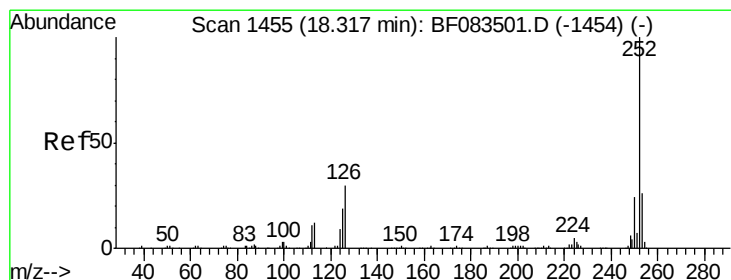
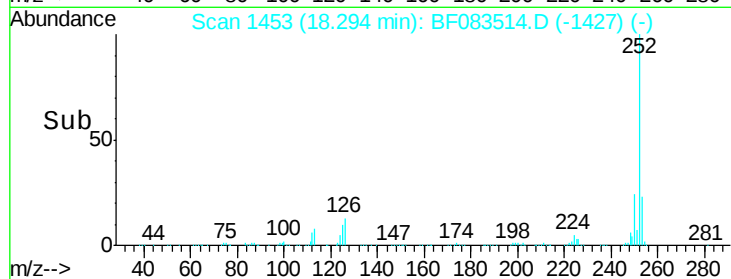
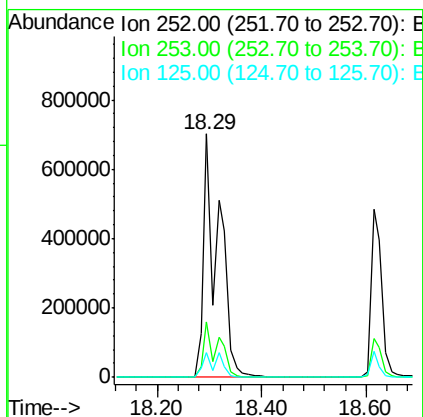
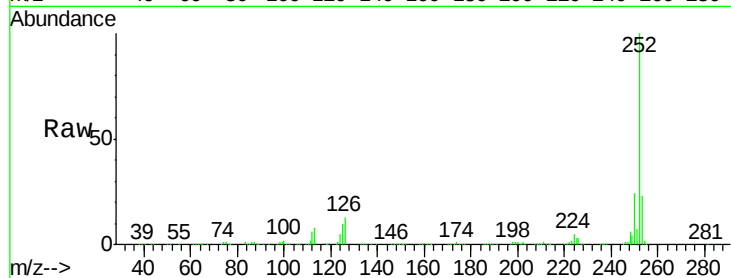




#87
Benzo(b)fluoranthene
Concen: 81.67 ng
RT: 18.29 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

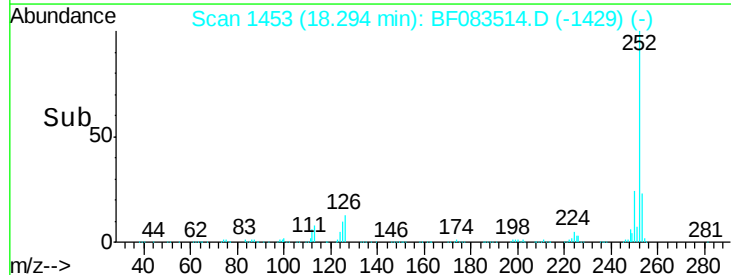
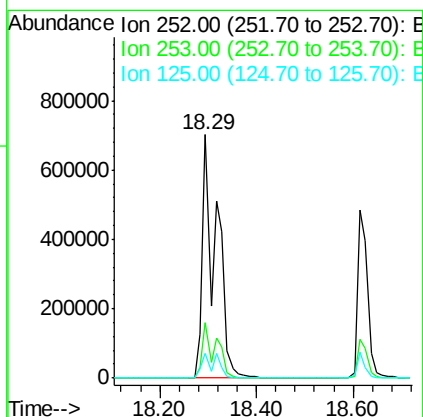
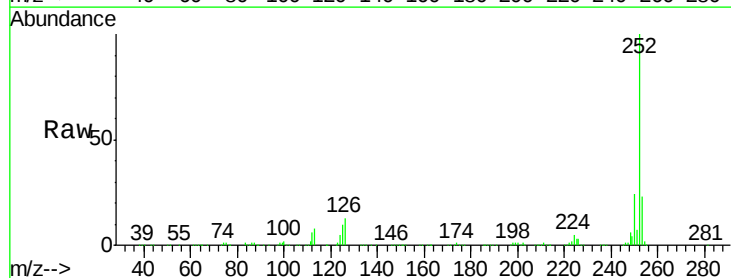
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

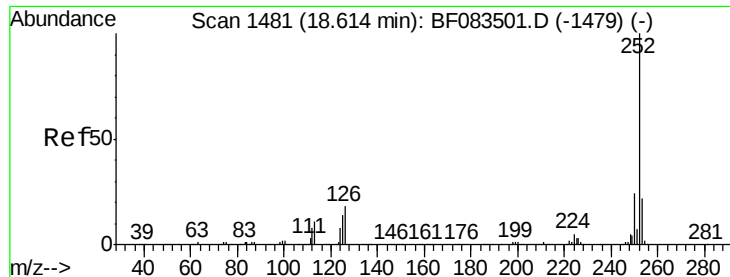
Tot Ion:252 Resp: 1454589
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 10.1 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 79.76 ng
RT: 18.29 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:252 Resp: 1455137
Ion Ratio Lower Upper
252 100
253 22.8 18.6 27.8
125 10.1 11.5 17.3#

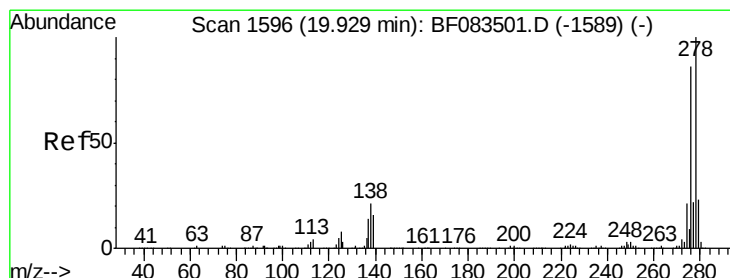
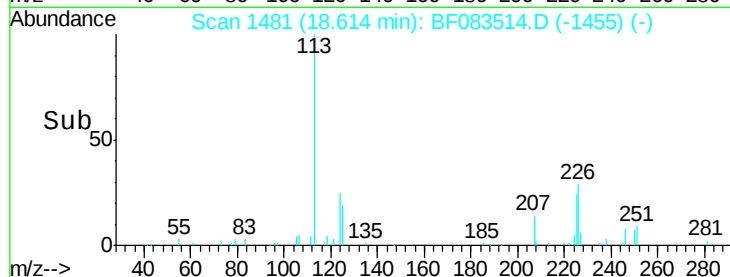
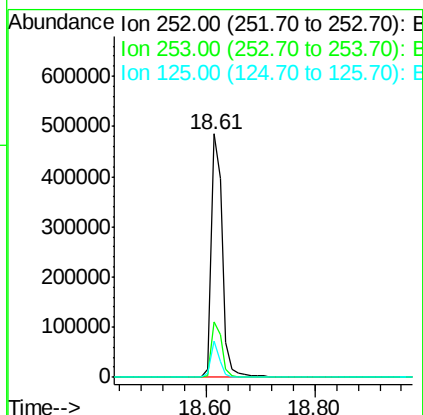
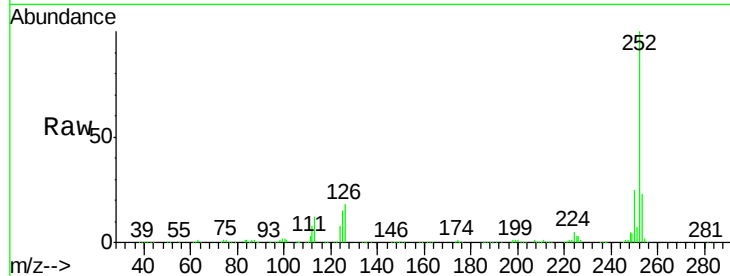




#89
Benzo(a)pyrene
Concen: 39.96 ng
RT: 18.61 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

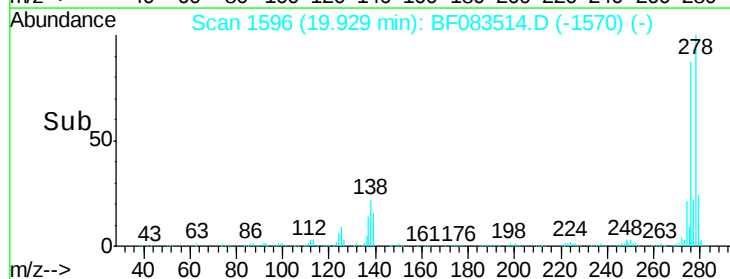
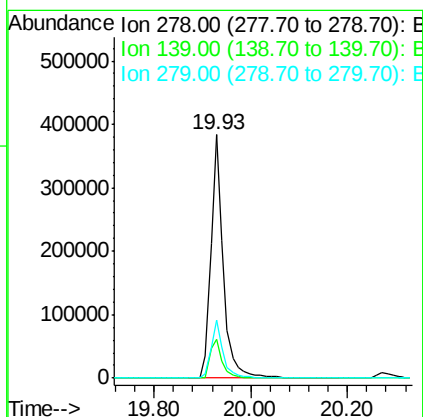
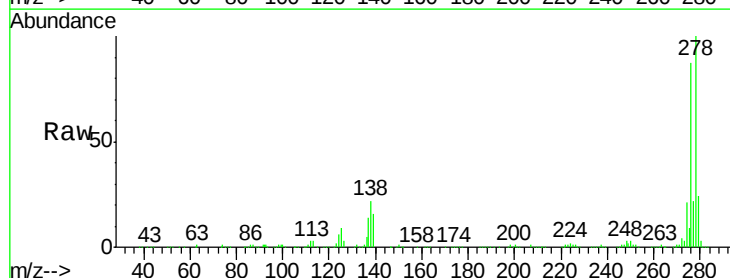
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

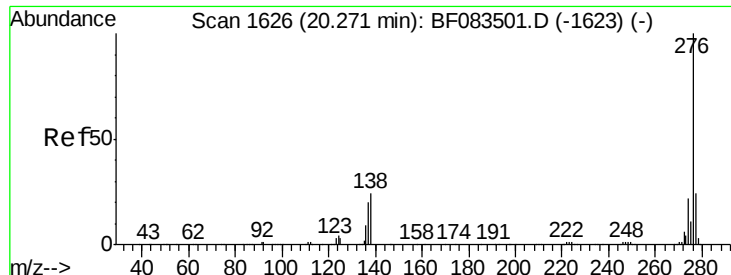
Tot Ion:252 Resp: 692330
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 15.1 11.0 16.6



#90
Dibenzo(a,h)anthracene
Concen: 41.77 ng
RT: 19.93 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF083514.D
Acq: 5 Dec 2015 14:57

Tgt Ion:278 Resp: 696139
Ion Ratio Lower Upper
278 100
139 16.2 12.8 19.2
279 23.9 18.6 28.0

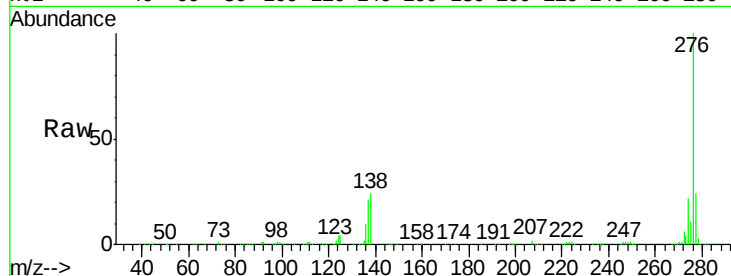




#91
 Benzo(a,h,i)perylene
 Concen: 40.89 ng
 RT: 20.27 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF083514.D
 Acq: 5 Dec 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	24.4	19.5	29.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

