

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121015\
 Data File : BF083693.D
 Acq On : 11 Dec 2015 00:03
 Operator : UM/IZ
 Sample : G4697-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Quant Time: Dec 11 01:11:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	150224	20.00	ng	-0.09
21) Naphthalene-d8	7.50	136	569621	20.00	ng	-0.10
38) Acenaphthene-d10	10.29	164	272187	20.00	ng	-0.09
63) Phenanthrene-d10	12.69	188	474029	20.00	ng	-0.09
75) Chrysene-d12	16.91	240	343785	20.00	ng	-0.08
86) Perylene-d12	18.57	264	308917	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	3.92	112	1367474	138.07	ng	-0.06
7) Phenol-d6	5.20	99	1711687	129.34	ng	-0.08
23) Nitrobenzene-d5	6.44	82	1133342	92.84	ng	-0.09
41) 2,4,6-Tribromophenol	11.60	330	323294	133.32	ng	-0.09
44) 2-Fluorobiphenyl	9.25	172	1697549	87.78	ng	-0.09
78) Terphenyl-d14	15.31	244	1393339	95.36	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.80	88	165501	33.82	ng	# 95
3) Pyridine	2.24	79	474450	39.91	ng	99
4) n-Nitrosodimethylamine	2.20	42	271780	43.42	ng	95
6) Aniline	5.18	93	320635	19.66	ng	# 87
8) 2-Chlorophenol	5.33	128	461289	42.59	ng	100
9) Benzaldehyde	5.01	77	340830	52.35	ng	92
10) Phenol	5.21	94	706231	44.06	ng	89
11) bis(2-Chloroethyl)ether	5.28	93	462169	39.19	ng	97
12) 1,3-Dichlorobenzene	5.53	146	497861	41.24	ng	99
13) 1,4-Dichlorobenzene	5.63	146	509266	41.12	ng	99
14) 1,2-Dichlorobenzene	5.85	146	482187	41.95	ng	98
15) Benzyl Alcohol	5.87	79	465996	49.49	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.04	45	894171	41.00	ng	# 61
17) 2-Methylphenol	6.06	107	380823	43.21	ng	# 90
18) Hexachloroethane	6.32	117	175179	40.06	ng	92
19) n-Nitroso-di-n-propylamine	6.25	70	395922	42.86	ng	93
20) 3+4-Methylphenols	6.32	107	533042	45.93	ng	94
22) Acetophenone	6.22	105	677018	42.37	ng	# 96
24) Nitrobenzene	6.48	77	552584	40.96	ng	95
25) Isophorone	6.84	82	1010118	42.64	ng	99
26) 2-Nitrophenol	6.96	139	231937	43.29	ng	94
27) 2,4-Dimethylphenol	7.08	122	411175	43.87	ng	97
28) bis(2-Chloroethoxy)methane	7.20	93	601876	45.75	ng	99
29) 2,4-Dichlorophenol	7.37	162	380765	44.67	ng	97
30) 1,2,4-Trichlorobenzene	7.44	180	396951	42.16	ng	98
31) Naphthalene	7.54	128	1313920	43.55	ng	99
32) Benzoic acid	7.39	122	69794	13.92	ng	96
33) 4-Chloroaniline	7.71	127	179565	16.32	ng	93
34) Hexachlorobutadiene	7.74	225	232848	42.33	ng	98
35) Caprolactam	8.29	113	75549	29.53	ng	98
36) 4-Chloro-3-methylphenol	8.54	107	407198	42.53	ng	95
37) 2-Methylnaphthalene	8.64	142	874252	46.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	387278	43.34	ng	# 100
40) Hexachlorocyclopentadiene	8.89	237	78727	52.29	ng	96

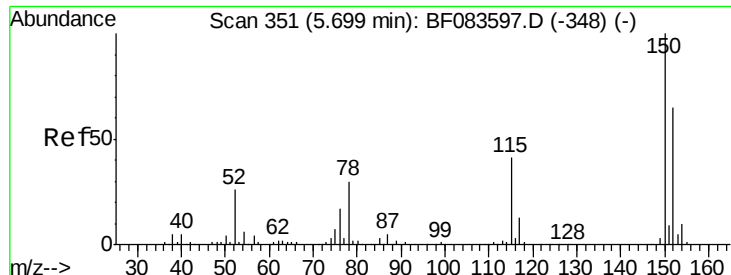
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121015\
 Data File : BF083693.D
 Acq On : 11 Dec 2015 00:03
 Operator : UM/IZ
 Sample : G4697-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Quant Time: Dec 11 01:11:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	239996	45.05	ng	96
43) 2,4,5-Trichlorophenol	9.24	196	222159	42.20	ng	95
45) 1,1'-Biphenyl	9.40	154	1019409	43.09	ng	99
46) 2-Chloronaphthalene	9.41	162	769894	43.10	ng	96
47) 2-Nitroaniline	9.64	65	296441	46.02	ng	# 85
48) Acenaphthylene	10.06	152	1211868	41.15	ng	100
49) Dimethylphthalate	9.95	163	1084248	50.04	ng	100
50) 2,6-Dinitrotoluene	10.04	165	193536	43.26	ng	91
51) Acenaphthene	10.35	154	717275	42.54	ng	99
52) 3-Nitroaniline	10.33	138	120770	25.40	ng	89
53) 2,4-Dinitrophenol	10.54	184	118369	55.33	ng	94
54) Dibenzofuran	10.64	168	1092689	46.73	ng	97
55) 4-Nitrophenol	10.74	139	185849	88.79	ng	88
56) 2,4-Dinitrotoluene	10.72	165	270681	45.62	ng	# 80
57) Fluorene	11.18	166	859331	42.11	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.89	232	207109	48.82	ng	# 100
59) Diethylphthalate	11.09	149	879019	41.73	ng	99
60) 4-Chlorophenyl-phenylether	11.21	204	401233	41.30	ng	97
61) 4-Nitroaniline	11.32	138	173860	40.25	ng	84
62) Azobenzene	11.47	77	1120531	48.33	ng	99
64) 4,6-Dinitro-2-methylphenol	11.39	198	125292	39.17	ng	83
65) n-Nitrosodiphenylamine	11.42	169	728563	46.57	ng	100
66) 4-Bromophenyl-phenylether	12.00	248	233772	44.21	ng	93
67) Hexachlorobenzene	12.08	284	250867	44.73	ng	# 86
68) Atrazine	12.35	200	232715	50.00	ng	98
69) Pentachlorophenol	12.44	266	133125	86.27	ng	100
70) Phenanthrene	12.73	178	1219021	44.76	ng	99
71) Anthracene	12.82	178	1228932	43.56	ng	99
72) Carbazole	13.12	167	1108386	45.81	ng	98
73) Di-n-butylphthalate	13.73	149	1325049	43.55	ng	100
74) Fluoranthene	14.65	202	1146200	41.14	ng	96
76) Benzidine	14.95	184	298496	27.91	ng	96
77) Pyrene	15.00	202	1171340	47.33	ng	99
79) Butylbenzylphthalate	16.15	149	519432	47.28	ng	96
80) Benzo(a)anthracene	16.90	228	872266	43.35	ng	98
81) 3,3'-Dichlorobenzidine	16.89	252	249916	36.77	ng	99
82) Chrysene	16.95	228	863401	42.80	ng	99
83) Bis(2-ethylhexyl)phthalate	17.00	149	701850	46.03	ng	# 95
84) Di-n-octyl phthalate	17.78	149	1090965	46.82	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.77	276	787260	57.82	ng	# 100
87) Benzo(b)fluoranthene	18.18	252	1495903	85.04	ng	# 97
88) Benzo(k)fluoranthene	18.18	252	1495903	77.18	ng	98
89) Benzo(a)pyrene	18.51	252	698292	40.68	ng	# 96
90) Dibenzo(a,h)anthracene	19.76	278	664540	50.63	ng	98
91) Benzo(g,h,i)perylene	20.12	276	642445	50.20	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.61 min Scan# 343

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

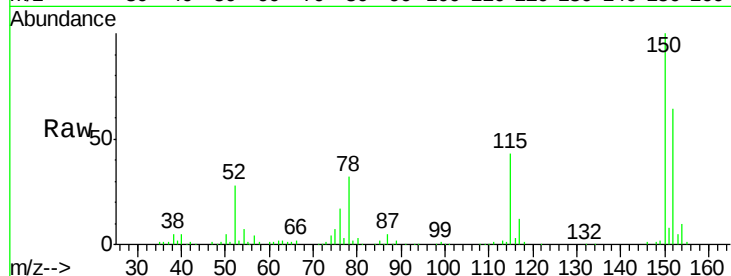
Tgt Ion:152 Resp: 150224

Ion Ratio Lower Upper

152 100

150 155.6 126.5 189.7

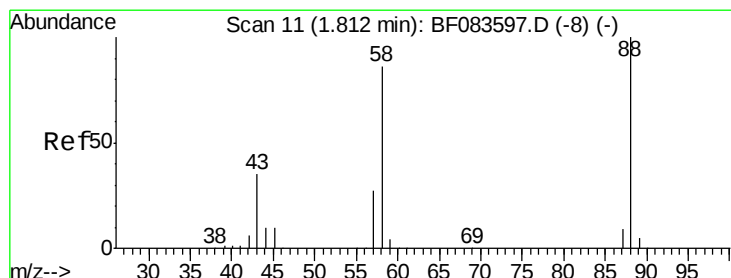
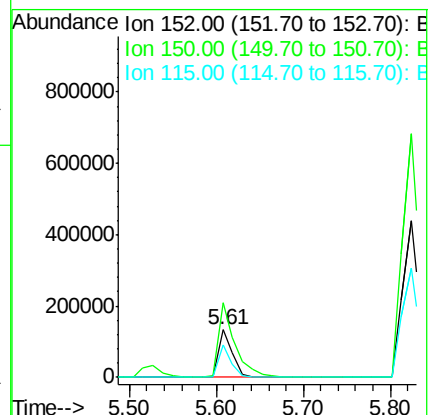
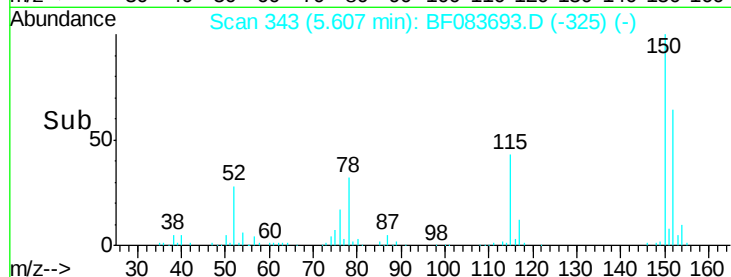
115 66.7 52.3 78.5



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: 33.82 ng

RT: 1.80 min Scan# 10

Delta R.T. -0.01 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

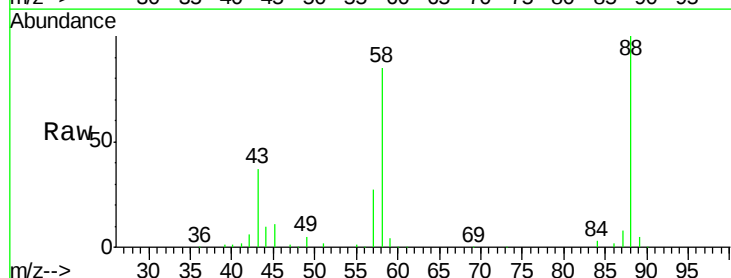
Tgt Ion: 88 Resp: 165501

Ion Ratio Lower Upper

88 100

58 86.0 68.0 102.0

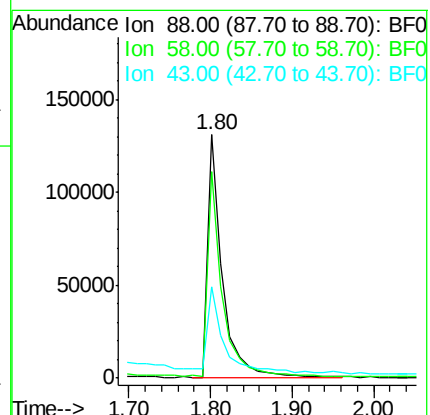
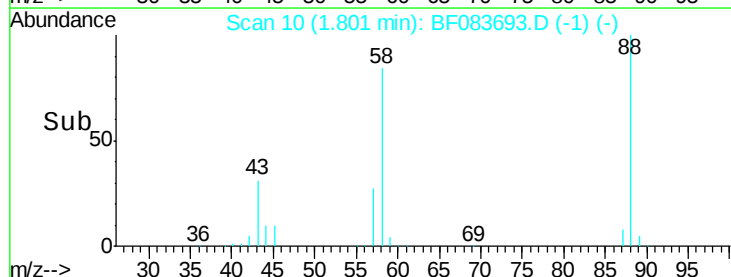
43 43.2 27.9 41.9#

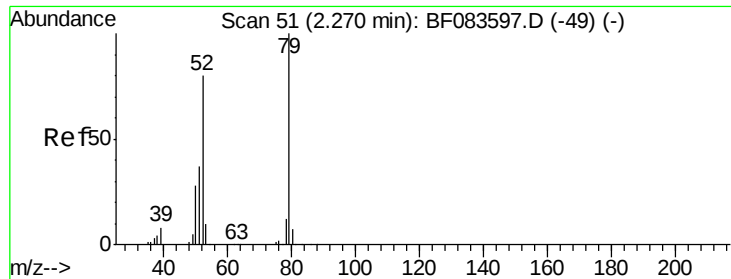


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.91 ng

RT: 2.24 min Scan# 48

Delta R.T. -0.03 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

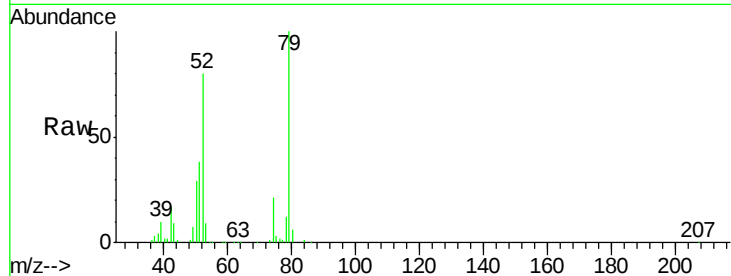
Tgt Ion: 79 Resp: 474450

Ion Ratio Lower Upper

79 100

52 80.5 63.7 95.5

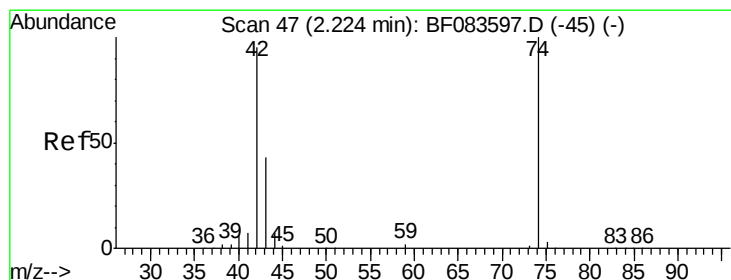
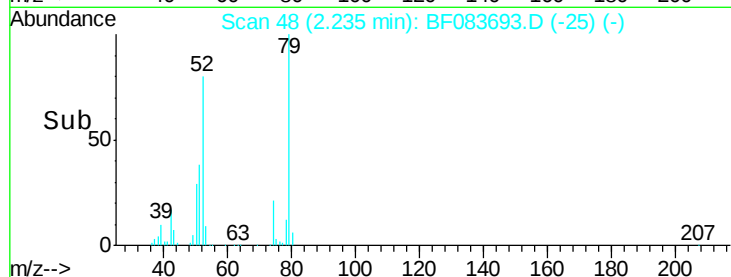
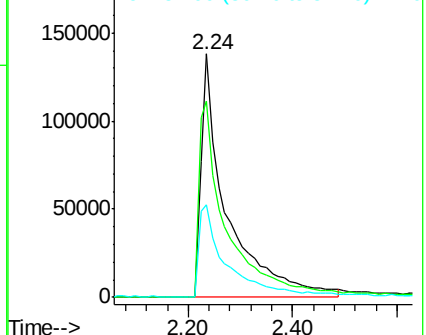
51 38.3 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.42 ng

RT: 2.20 min Scan# 45

Delta R.T. -0.02 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

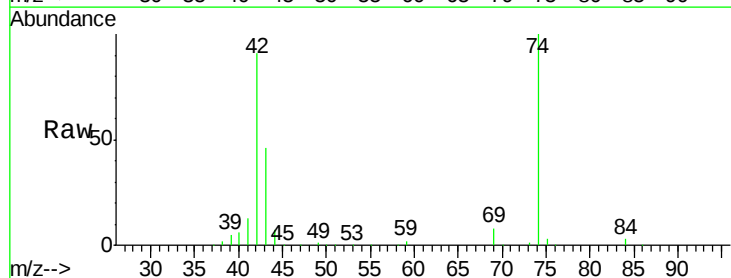
Tgt Ion: 42 Resp: 271780

Ion Ratio Lower Upper

42 100

74 110.2 92.9 139.3

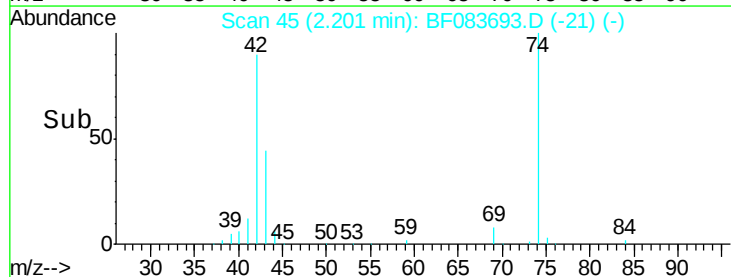
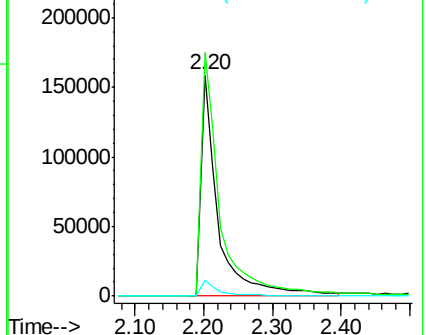
44 7.3 5.7 8.5

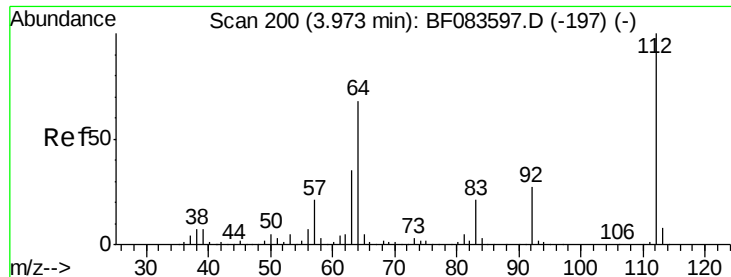


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 138.07 ng

RT: 3.92 min Scan# 195

Delta R.T. -0.06 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

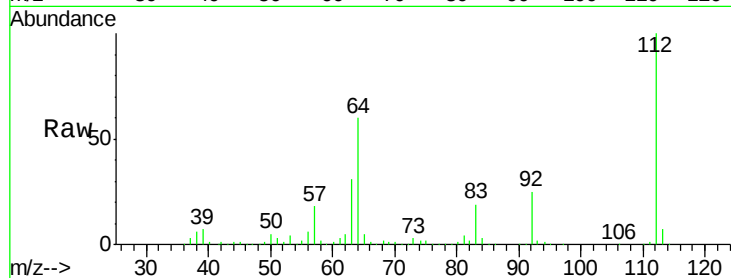
Tgt Ion: 112 Resp: 1367474

Ion Ratio Lower Upper

112 100

64 60.5 50.5 75.7

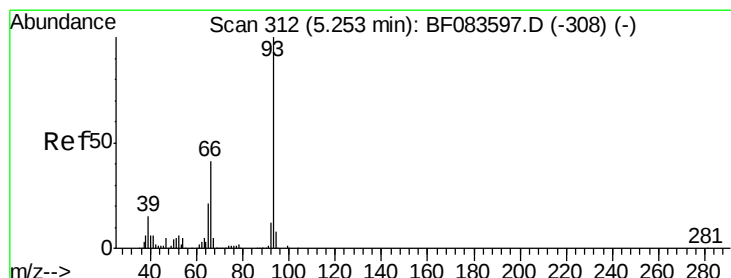
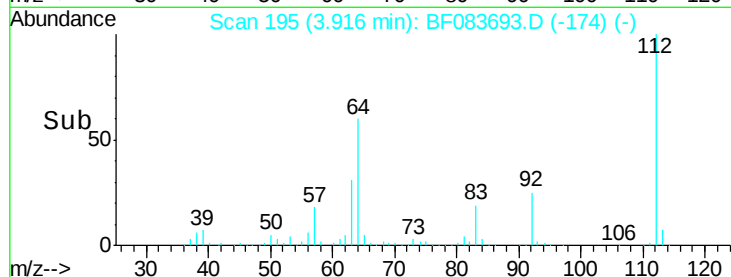
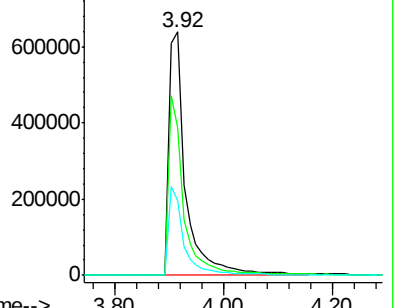
63 30.6 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.66 ng

RT: 5.18 min Scan# 306

Delta R.T. -0.07 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

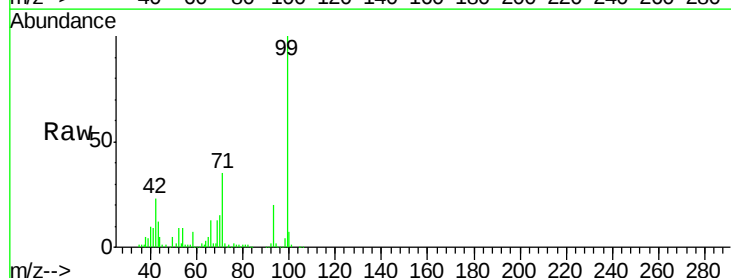
Tgt Ion: 93 Resp: 320635

Ion Ratio Lower Upper

93 100

66 64.9 41.3 61.9#

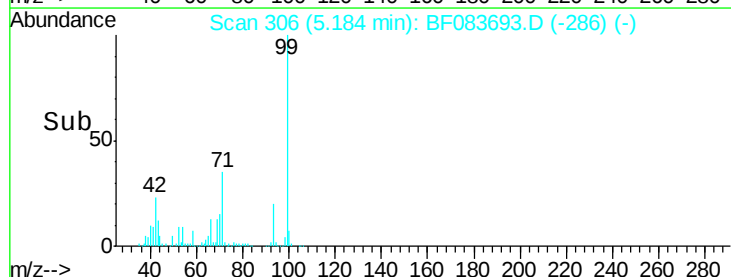
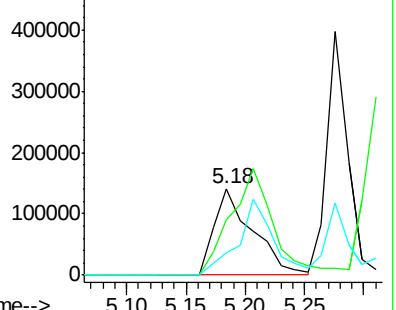
65 25.2 20.8 31.2

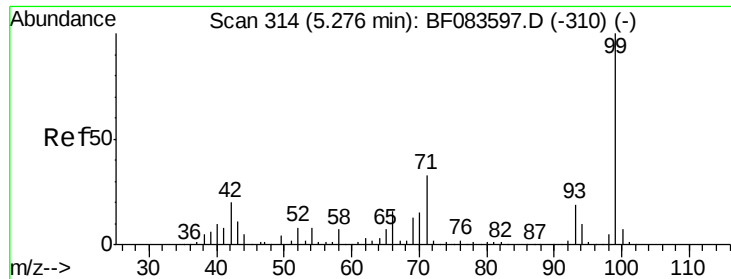


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.34 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

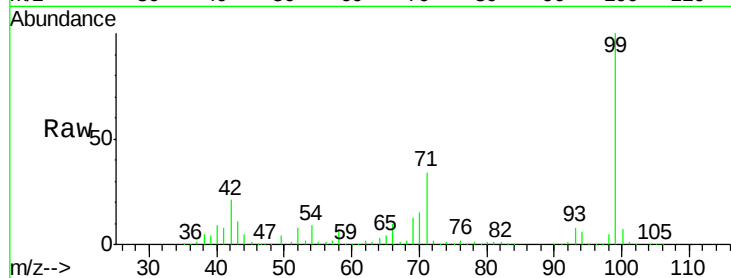
Tgt Ion: 99 Resp: 1711687

Ion Ratio Lower Upper

99 100

42 20.9 17.3 25.9

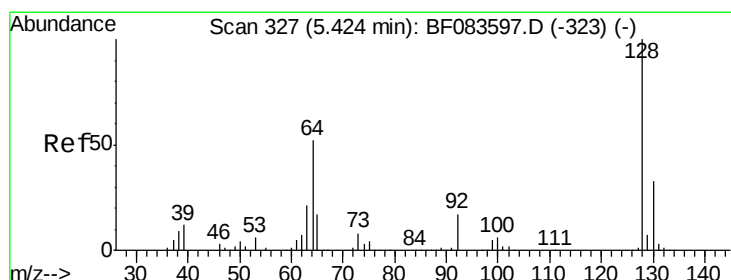
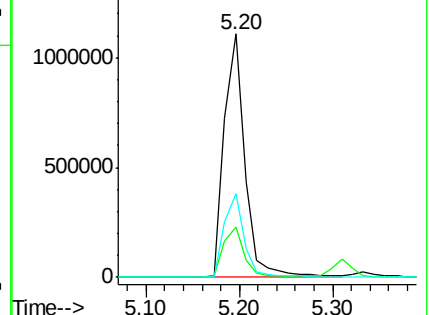
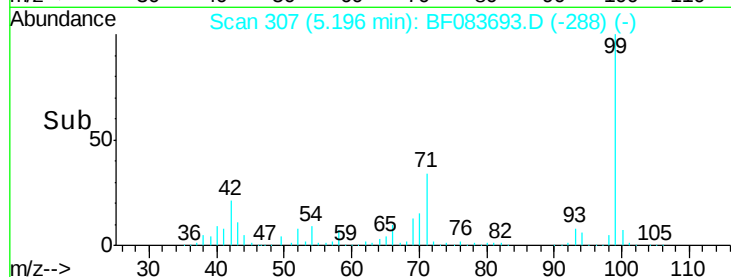
71 34.1 26.6 40.0



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: 42.59 ng

RT: 5.33 min Scan# 319

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

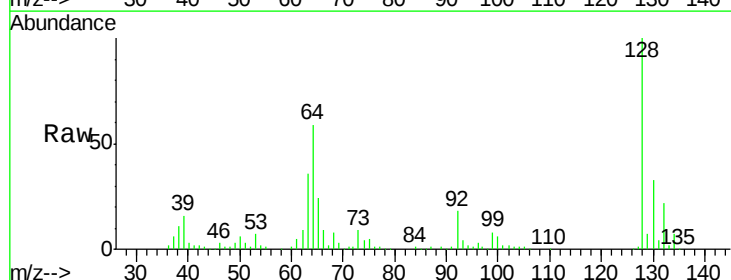
Tgt Ion: 128 Resp: 461289

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

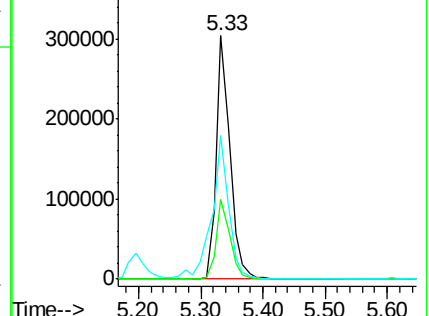
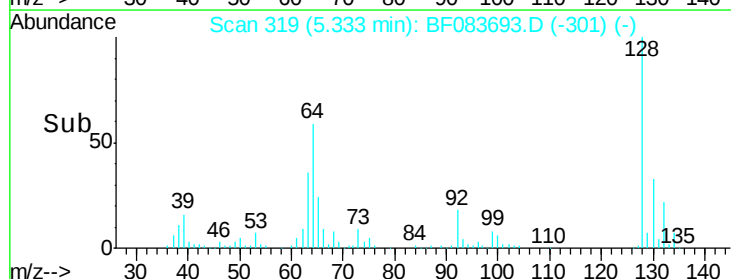
64 58.9 38.6 78.6

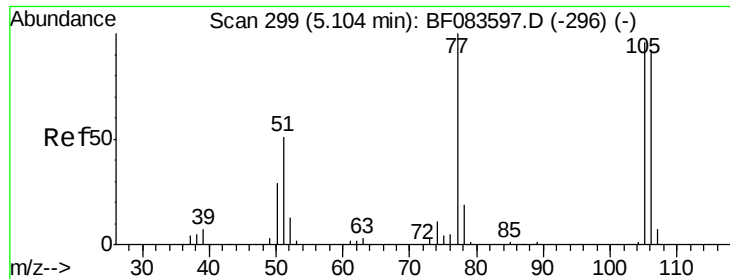


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

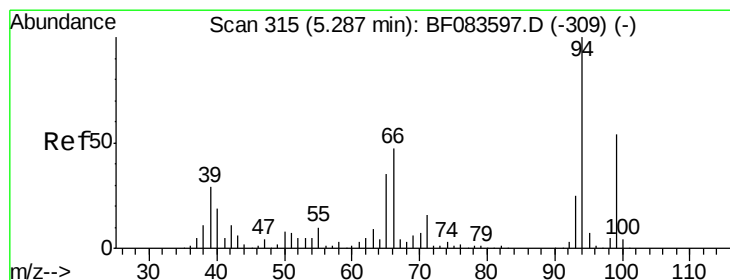
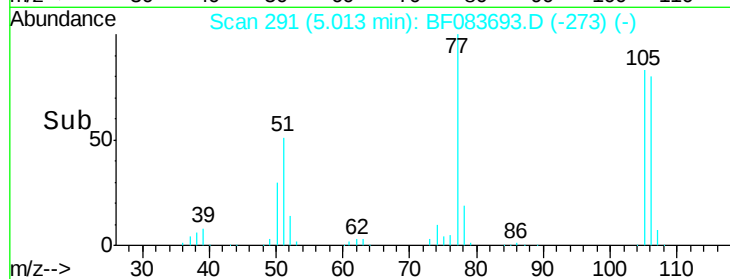
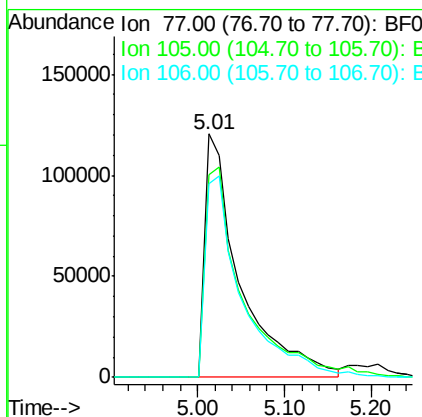
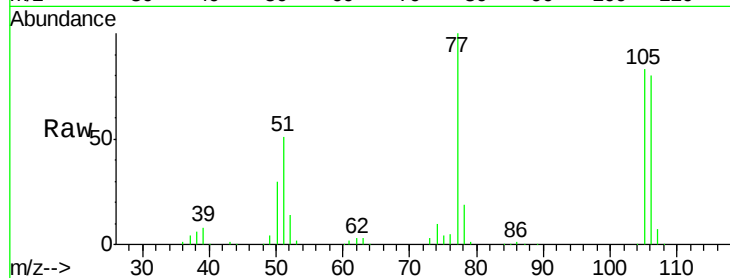




#9
Benzaldehyde
Concen: 52.35 ng
RT: 5.01 min Scan# 291
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

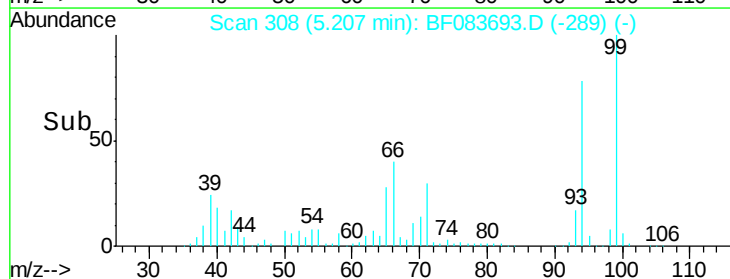
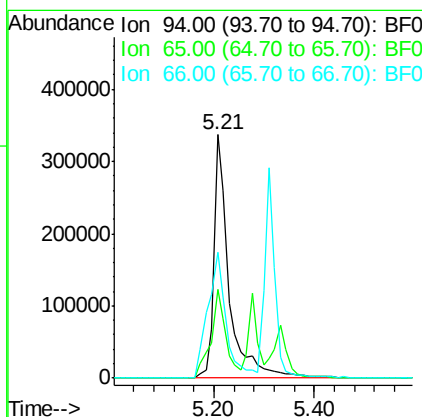
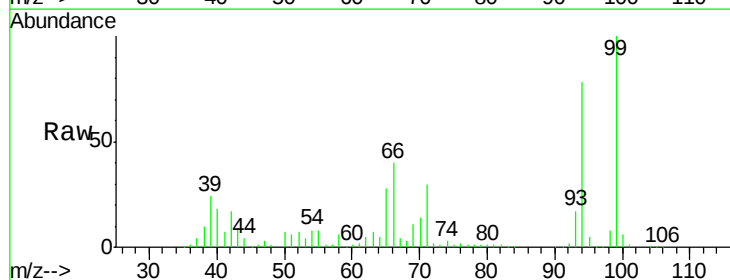
Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

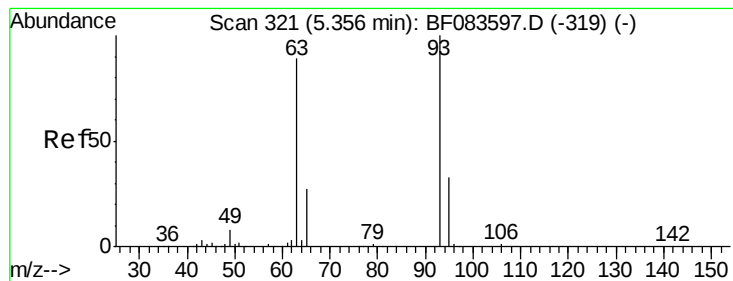
Tgt Ion: 77 Resp: 340830
Ion Ratio Lower Upper
77 100
105 83.2 71.8 111.8
106 79.5 66.8 106.8



#10
Phenol
Concen: 44.06 ng
RT: 5.21 min Scan# 308
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion: 94 Resp: 706231
Ion Ratio Lower Upper
94 100
65 36.5 20.9 60.9
66 51.5 41.6 81.6





#11

bis(2-Chloroethyl)ether

Concen: 39.19 ng

RT: 5.28 min Scan# 314

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

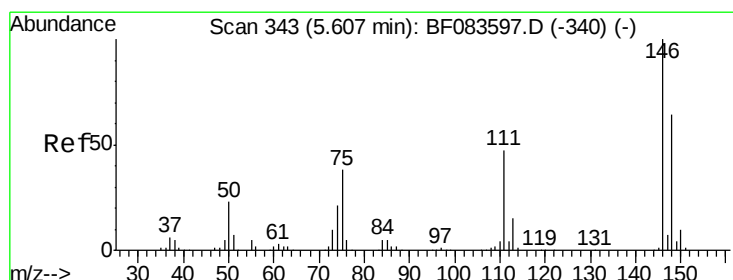
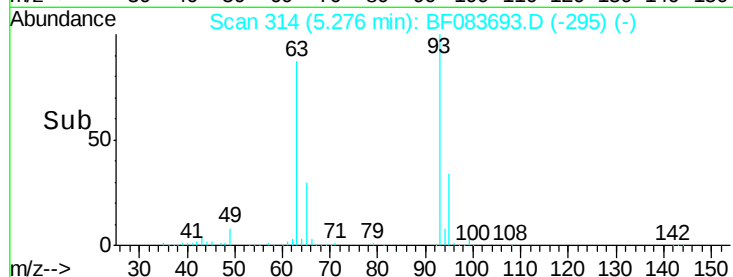
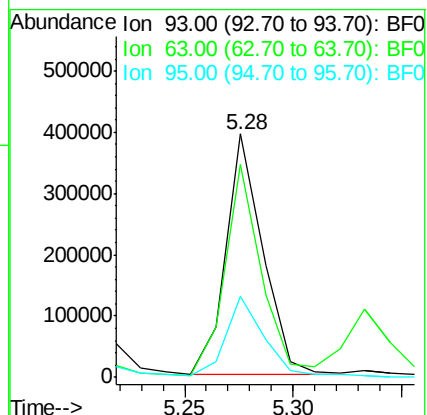
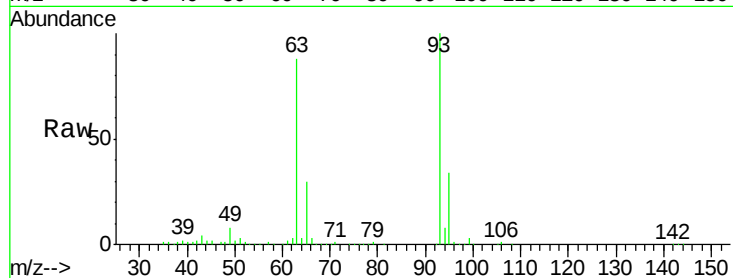
Tgt Ion: 93 Resp: 462169

Ion Ratio Lower Upper

93 100

63 87.5 64.7 104.7

95 33.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 41.24 ng

RT: 5.53 min Scan# 336

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

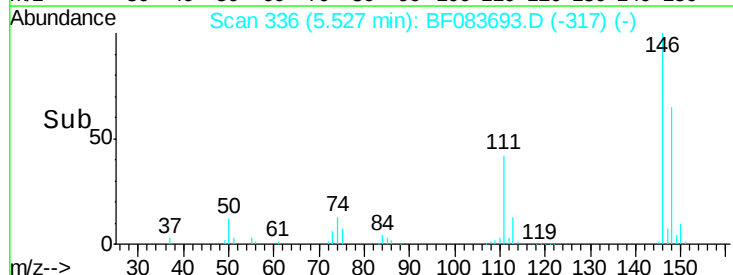
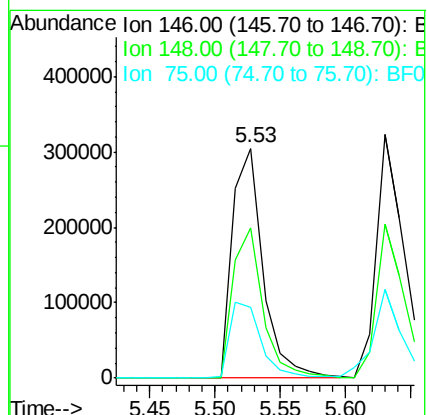
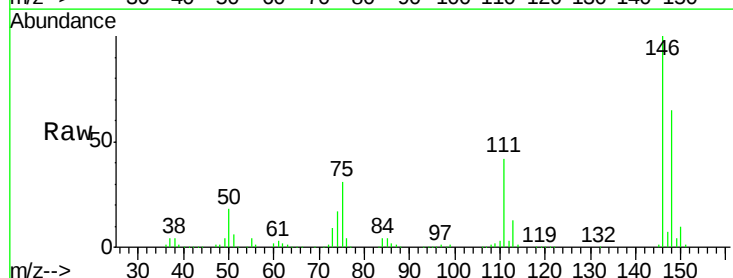
Tgt Ion: 146 Resp: 497861

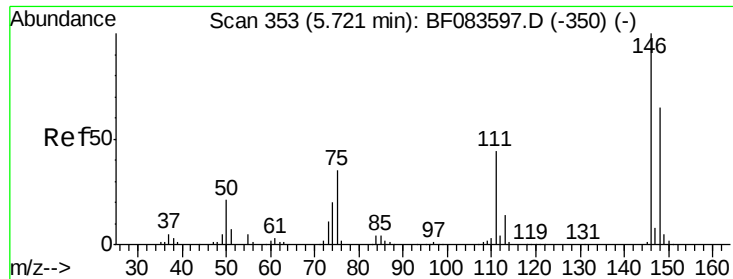
Ion Ratio Lower Upper

146 100

148 65.3 51.3 76.9

75 30.7 24.1 36.1

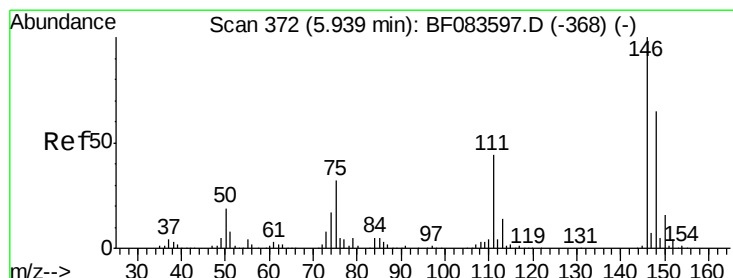
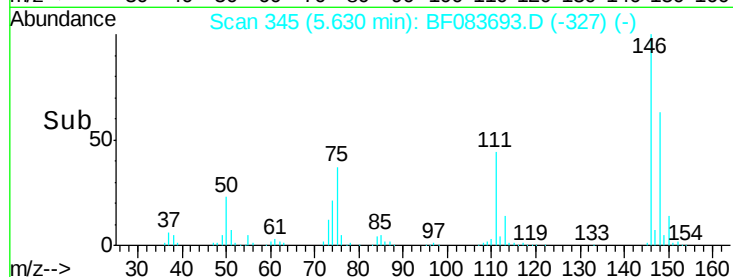
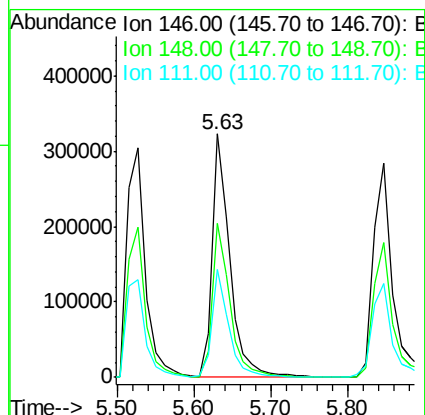
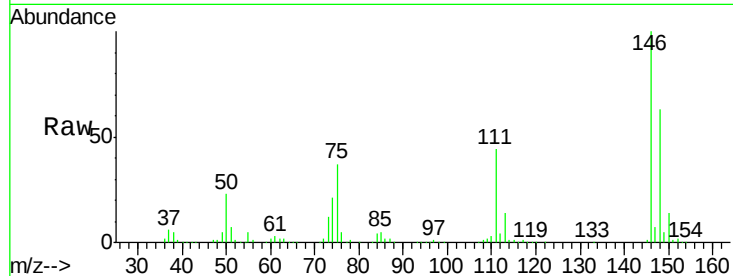




#13
 1,4-Dichlorobenzene
 Concen: 41.12 ng
 RT: 5.63 min Scan# 345
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

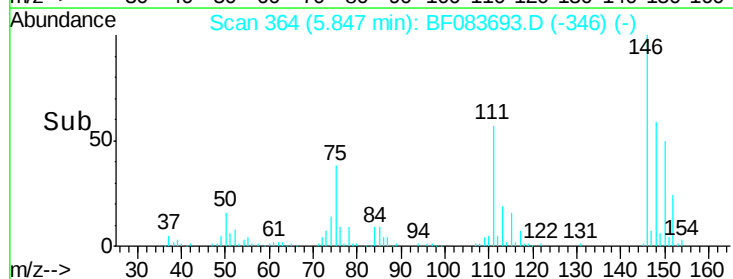
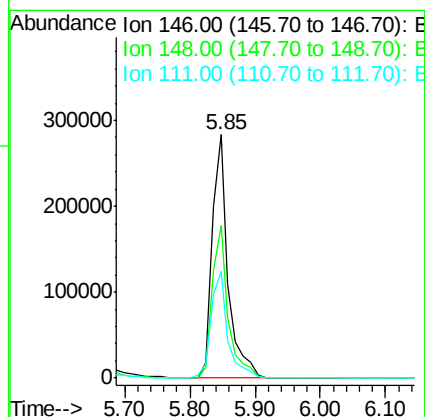
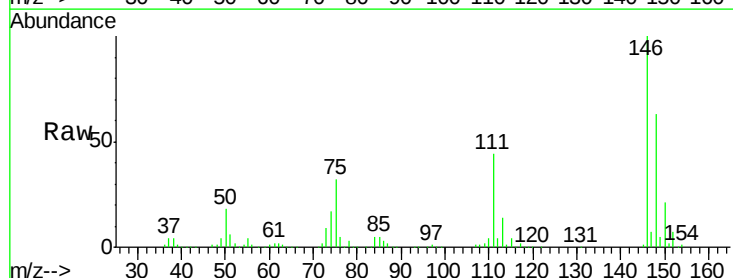
Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

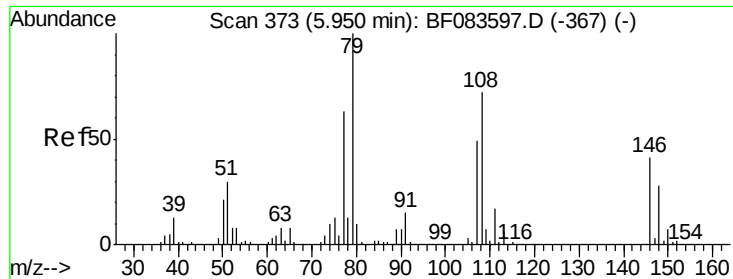
Tgt Ion:146 Resp: 509266
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 44.2 36.1 54.1



#14
 1,2-Dichlorobenzene
 Concen: 41.95 ng
 RT: 5.85 min Scan# 364
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Tgt Ion:146 Resp: 482187
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.4 77.0
 111 44.0 36.7 55.1





#15

Benzyl Alcohol

Concen: 49.49 ng

RT: 5.87 min Scan# 366

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

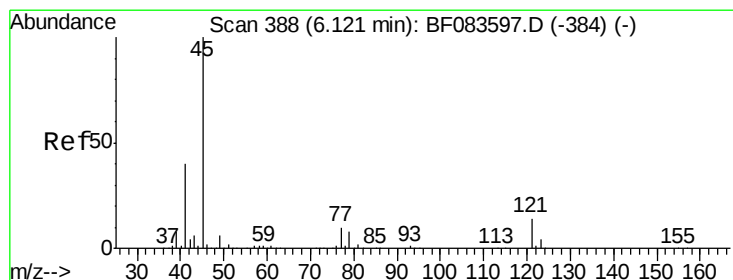
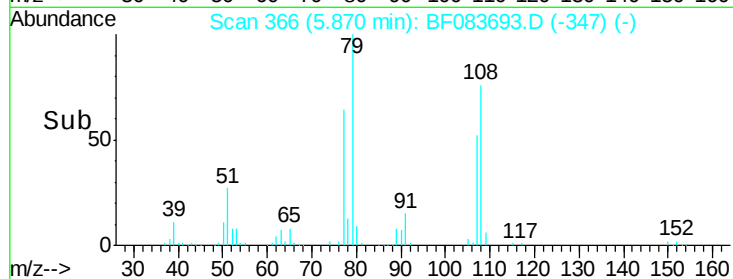
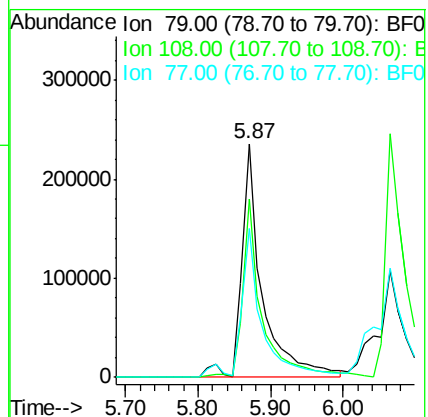
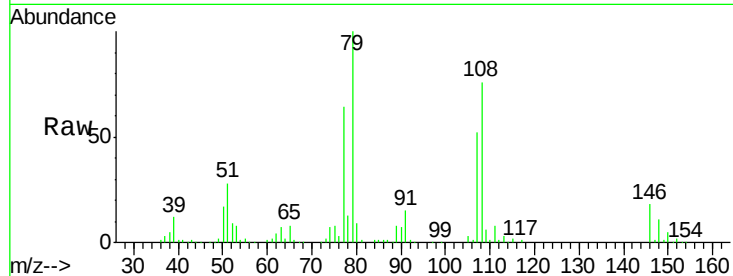
Tgt Ion: 79 Resp: 465996

Ion Ratio Lower Upper

79 100

108 76.5 59.6 89.4

77 63.8 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.00 ng

RT: 6.04 min Scan# 381

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

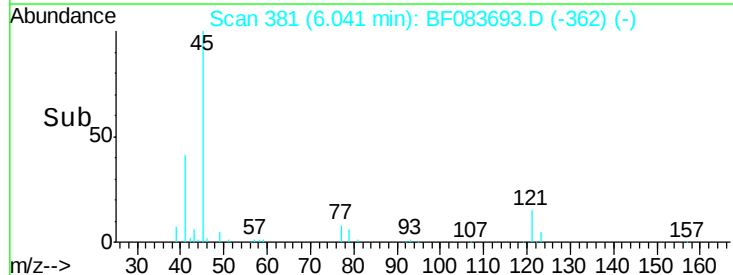
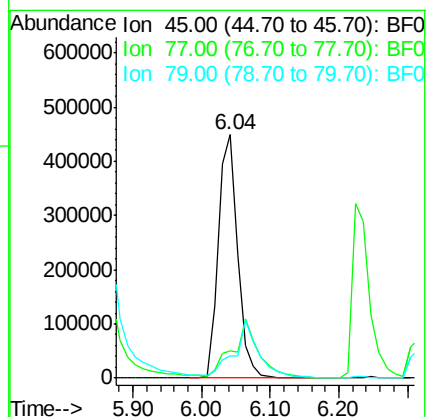
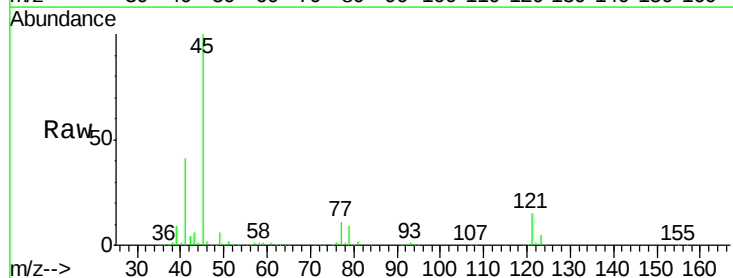
Tgt Ion: 45 Resp: 894171

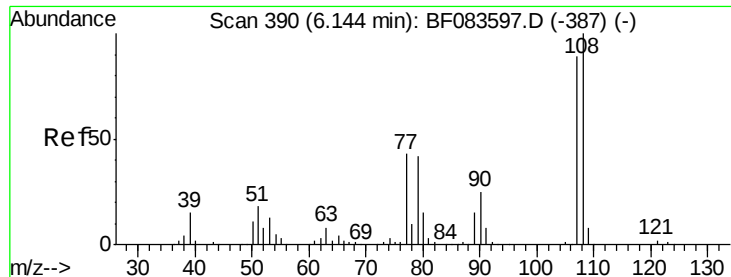
Ion Ratio Lower Upper

45 100

77 11.4 12.8 52.8#

79 9.2 10.7 50.7#

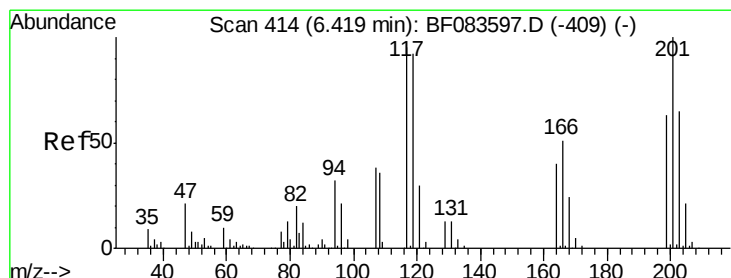
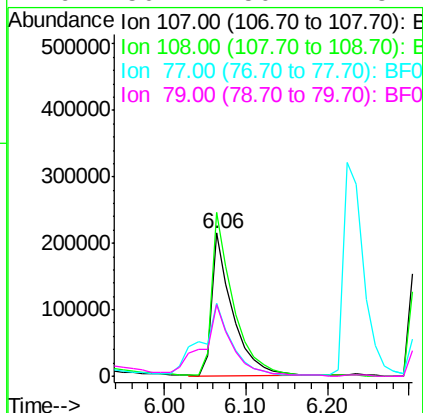
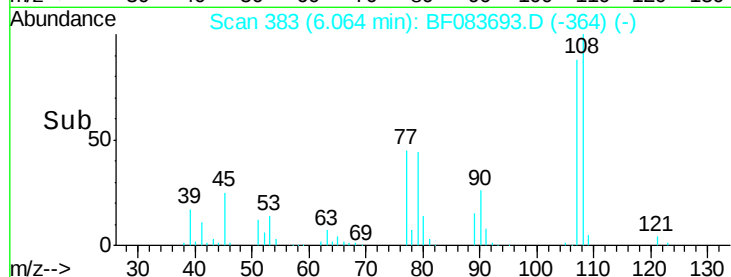
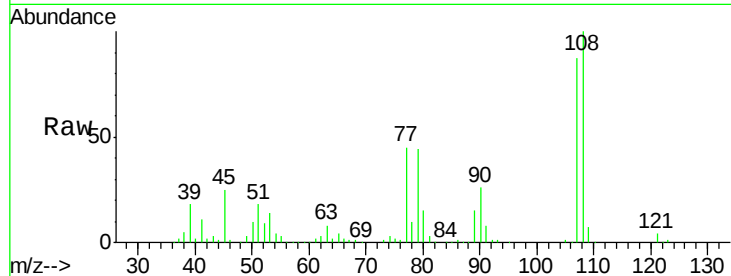




#17
2-Methylphenol
Concen: 43.21 ng
RT: 6.06 min Scan# 383
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

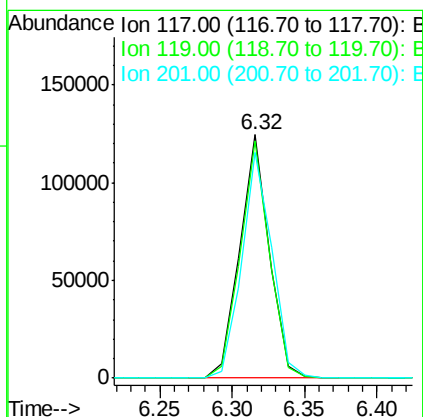
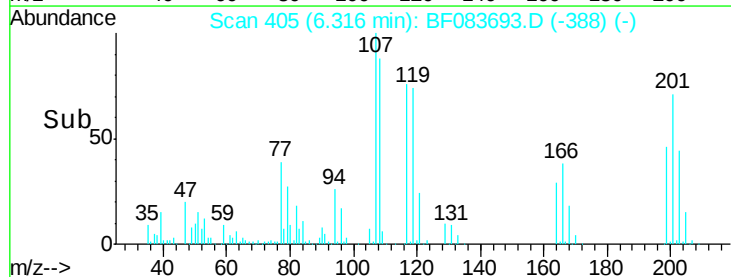
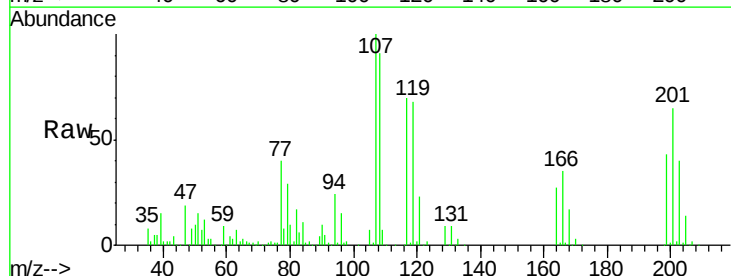
Instrument :
BNA_F
ClientSampleID :
A8-4CMSD

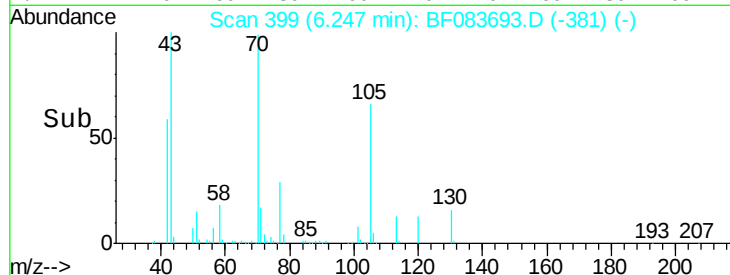
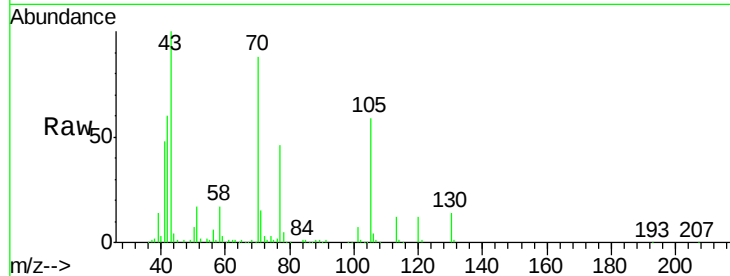
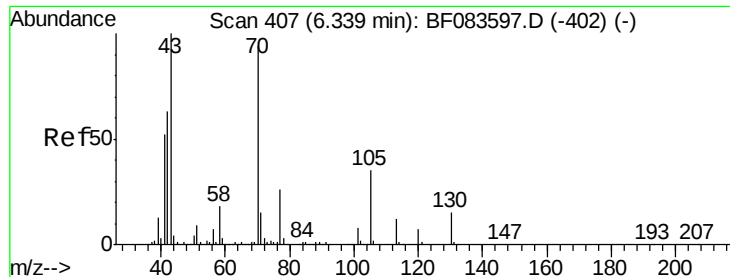
Tgt Ion:107 Resp: 380823
Ion Ratio Lower Upper
107 100
108 114.4 91.6 137.4
77 51.2 53.7 80.5#
79 50.2 50.2 75.4#



#18
Hexachloroethane
Concen: 40.06 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion:117 Resp: 175179
Ion Ratio Lower Upper
117 100
119 97.6 77.2 115.8
201 92.9 86.8 130.2

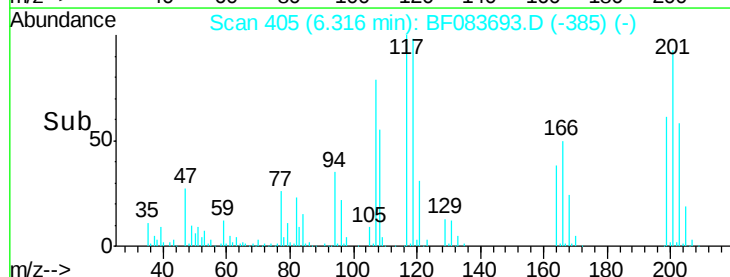
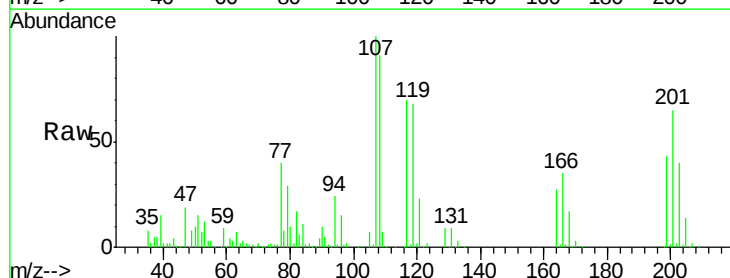
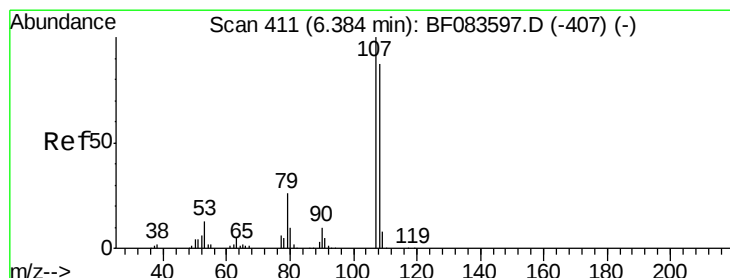
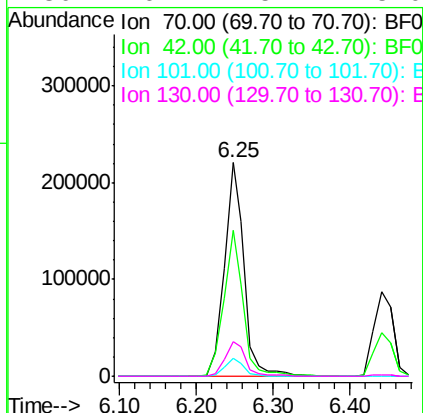




#19
n-Nitroso-di-n-propylamine
Concen: 42.86 ng
RT: 6.25 min Scan# 399
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

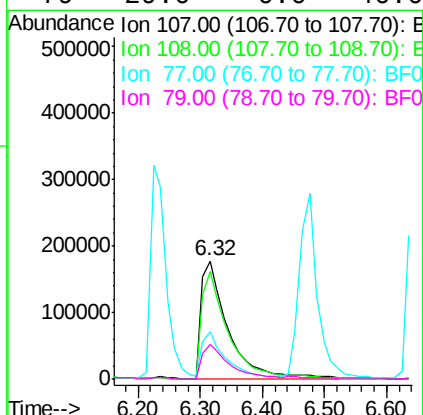
Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

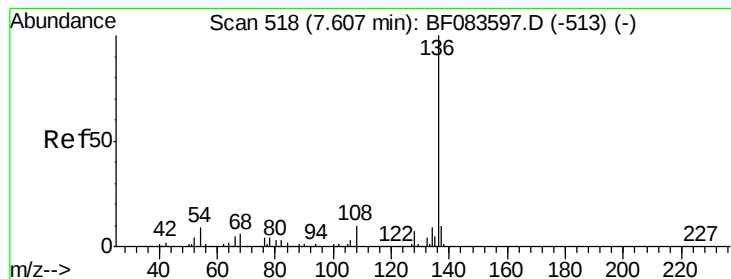
Tgt Ion: 70 Resp: 395922
Ion Ratio Lower Upper
70 100
42 68.1 49.2 73.8
101 8.4 7.1 10.7
130 16.4 15.4 23.0



#20
3+4-Methylphenols
Concen: 45.93 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.07 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion: 107 Resp: 533042
Ion Ratio Lower Upper
107 100
108 90.5 65.2 105.2
77 39.8 15.2 55.2
79 29.0 6.0 46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.10 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

Tgt Ion:136 Resp: 569621

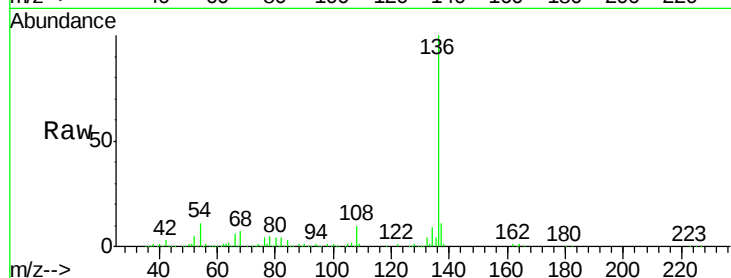
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.6 7.8 11.6

68 7.4 5.7 8.5

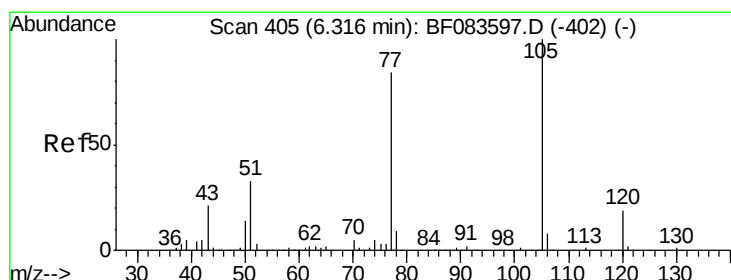
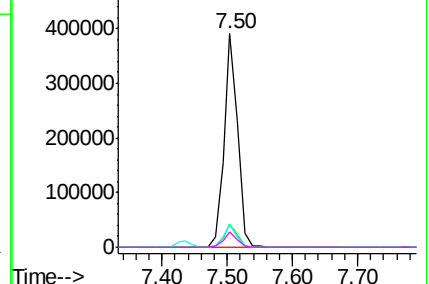
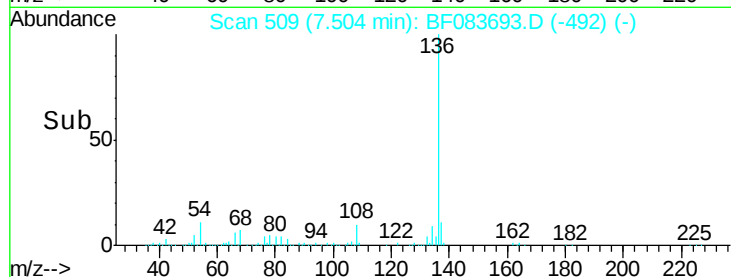


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.37 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Tgt Ion:105 Resp: 677018

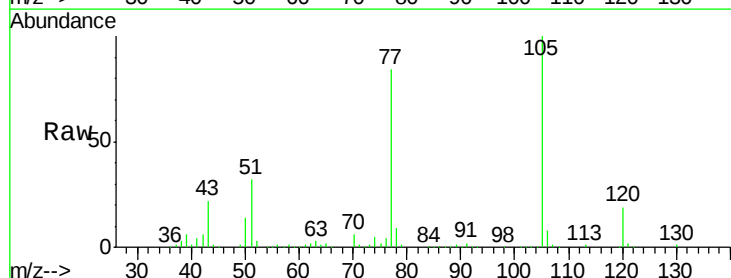
Ion Ratio Lower Upper

105 100

71 1.1 1.3 1.9#

51 32.3 23.8 35.8

120 19.3 16.7 25.1

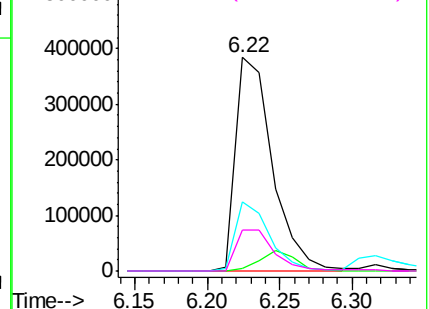
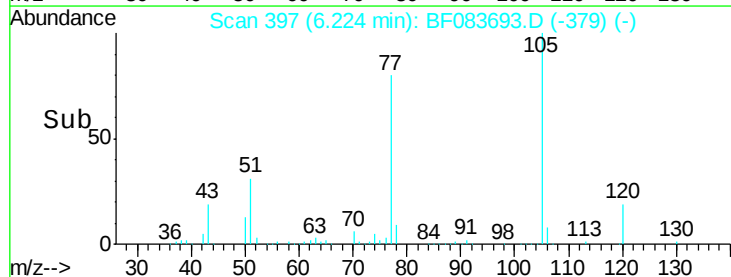


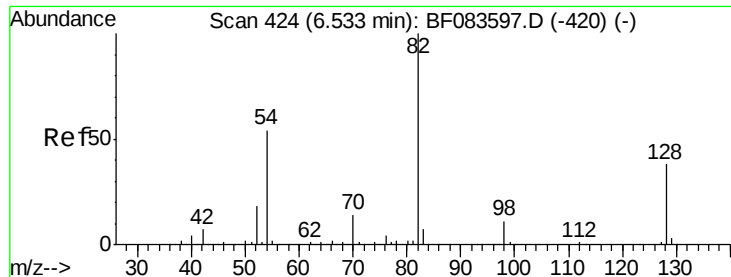
Abundance Ion 105.00 (104.70 to 105.70): E

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

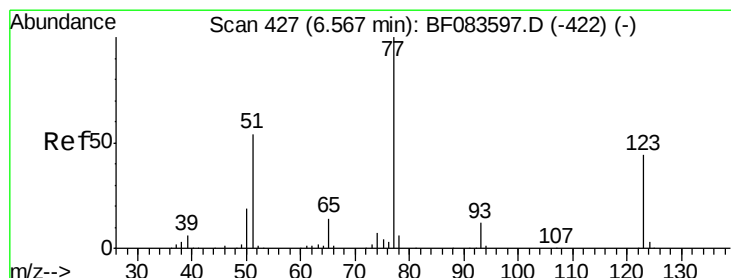
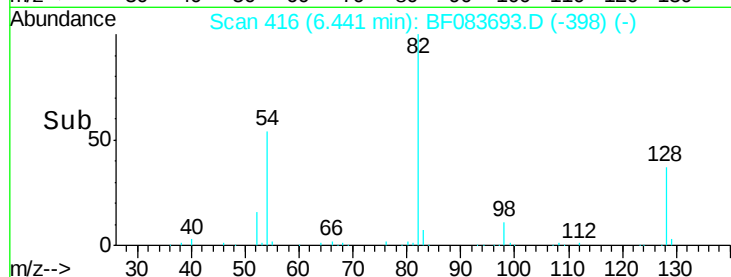
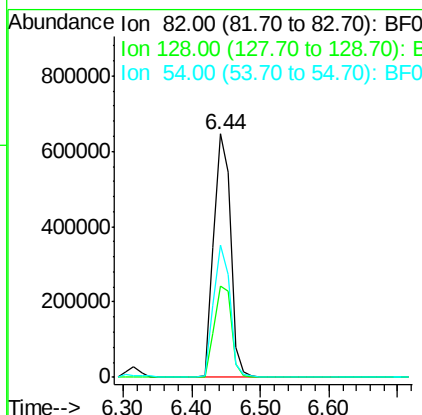
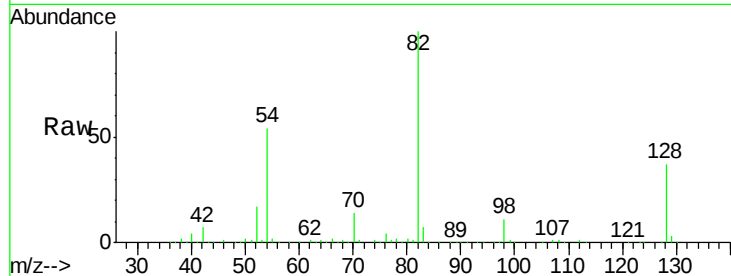




#23
Nitrobenzene-d5
Concen: 92.84 ng
RT: 6.44 min Scan# 416
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

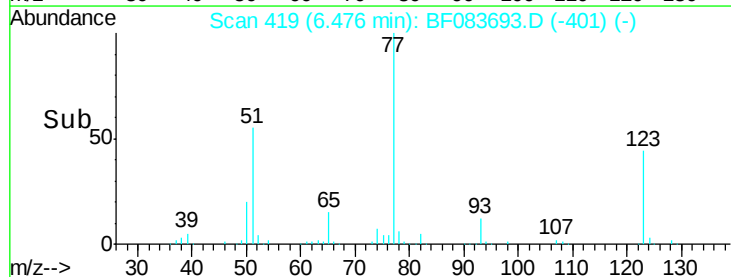
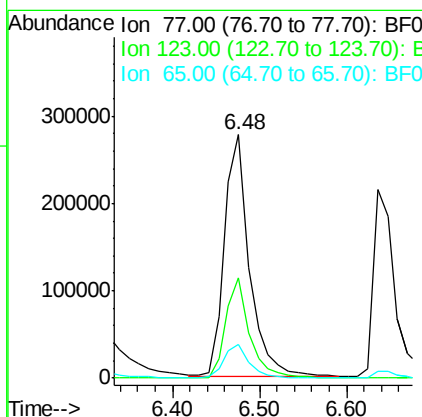
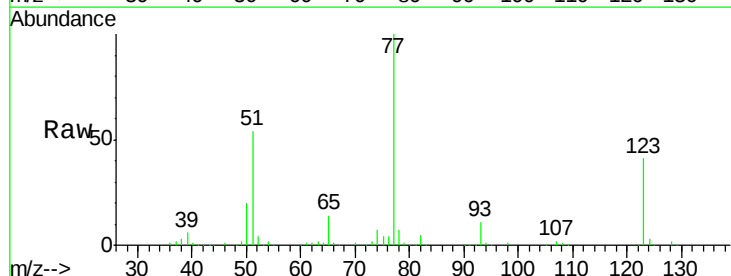
Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

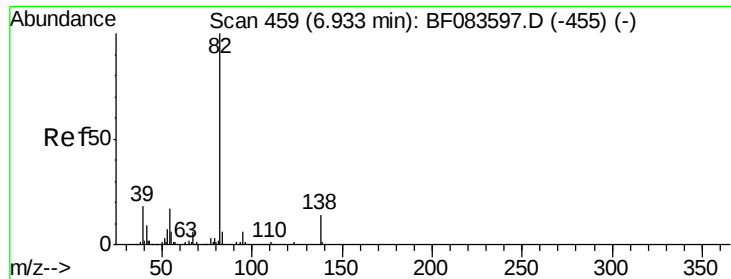
Tgt Ion: 82 Resp: 1133342
Ion Ratio Lower Upper
82 100
128 37.3 30.7 46.1
54 54.1 42.5 63.7



#24
Nitrobenzene
Concen: 40.96 ng
RT: 6.48 min Scan# 419
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion: 77 Resp: 552584
Ion Ratio Lower Upper
77 100
123 41.3 29.8 44.6
65 13.9 11.1 16.7





#25

Isophorone

Concen: 42.64 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

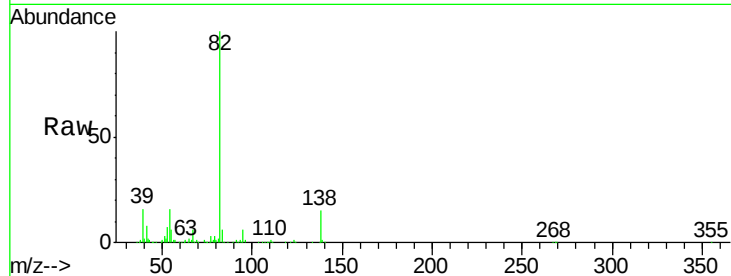
Tgt Ion: 82 Resp: 1010118

Ion Ratio Lower Upper

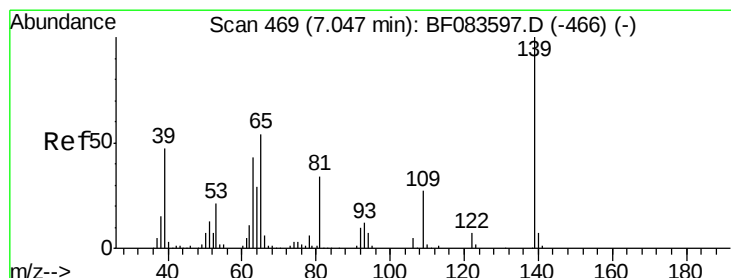
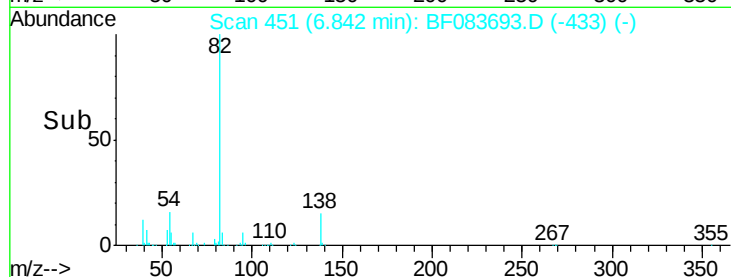
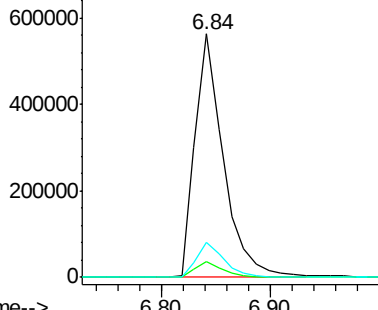
82 100

95 6.4 5.0 7.4

138 14.5 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: 43.29 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

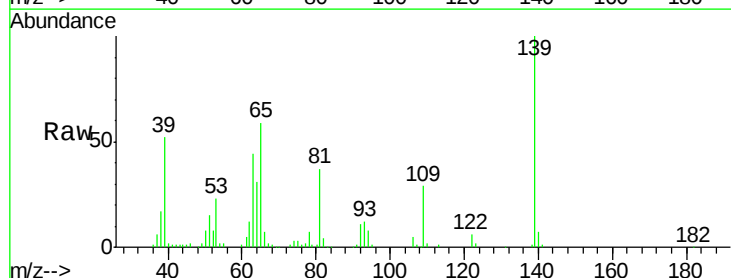
Tgt Ion: 139 Resp: 231937

Ion Ratio Lower Upper

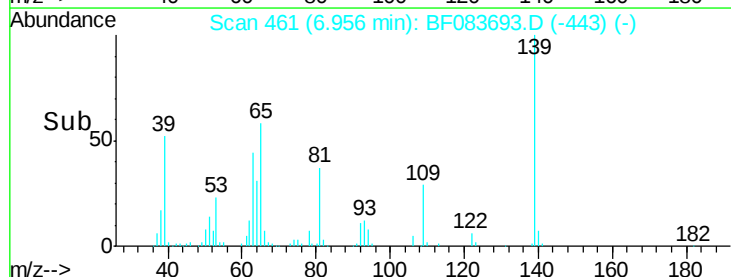
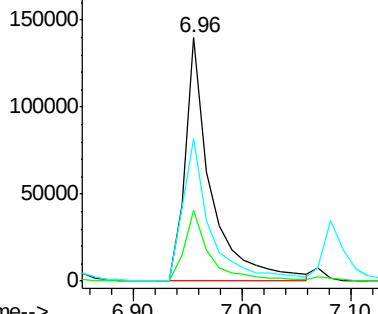
139 100

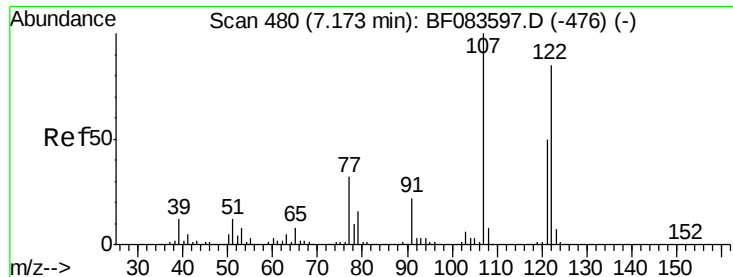
109 29.2 22.7 34.1

65 58.7 51.8 77.8



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

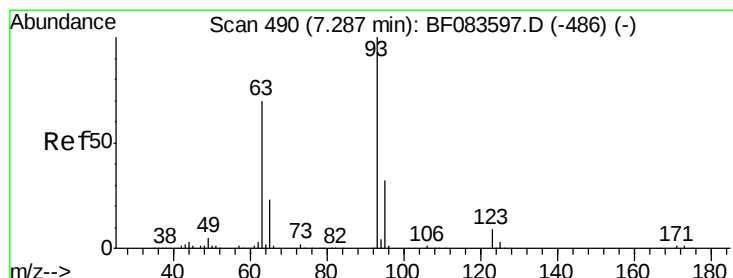
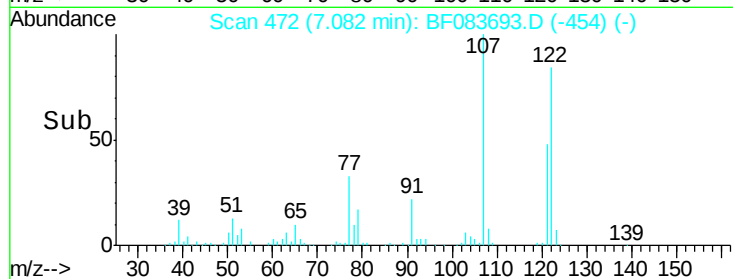
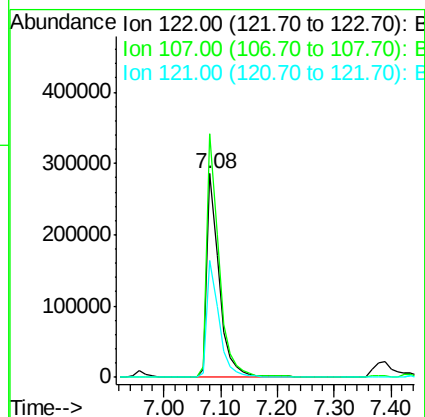
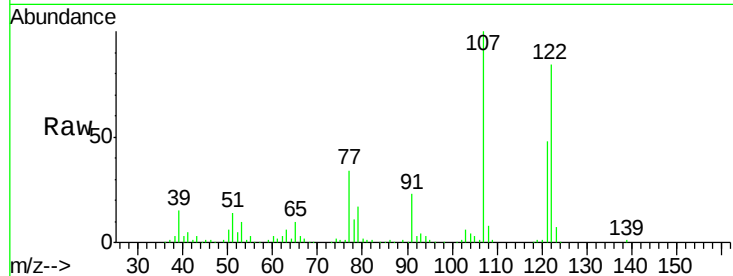




#27
 2,4-Dimethylphenol
 Concen: 43.87 ng
 RT: 7.08 min Scan# 472
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

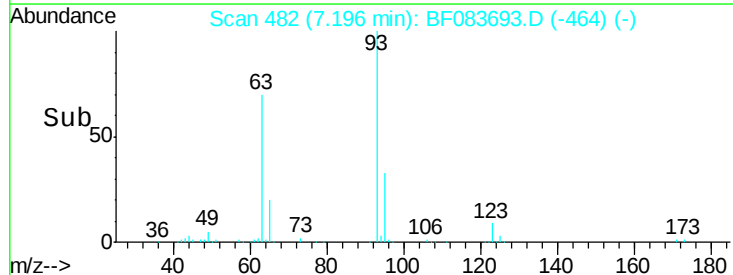
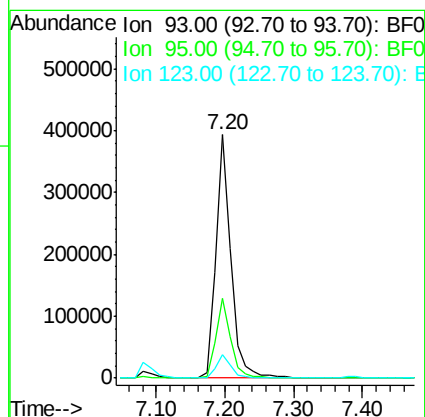
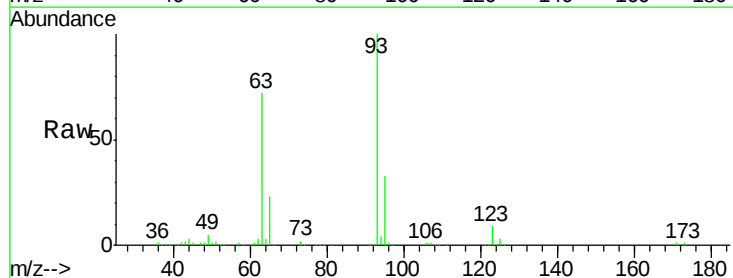
Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

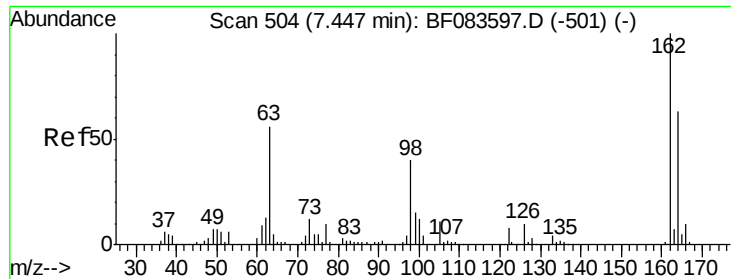
Tgt Ion:122 Resp: 411175
 Ion Ratio Lower Upper
 122 100
 107 119.7 92.4 138.6
 121 57.3 45.8 68.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.75 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Tgt Ion: 93 Resp: 601876
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.6 38.4
 123 9.4 7.3 10.9

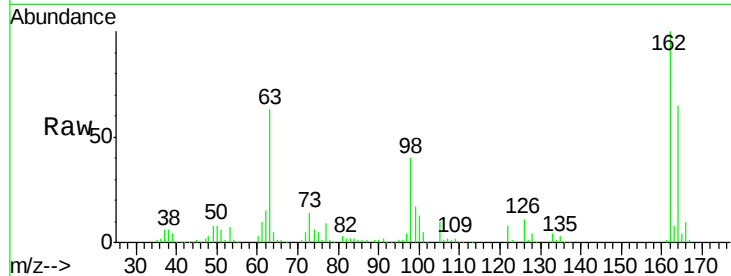




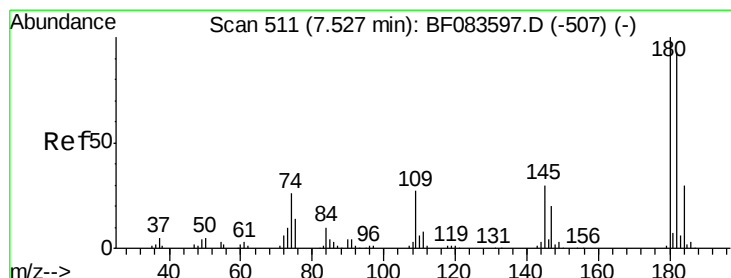
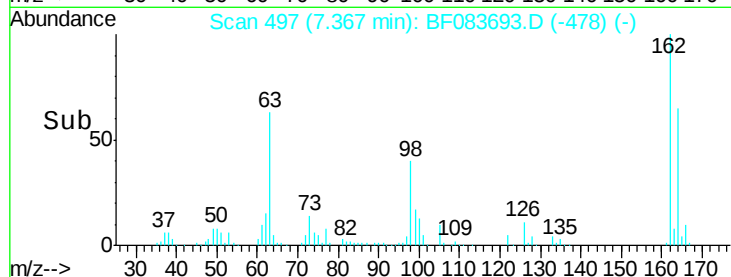
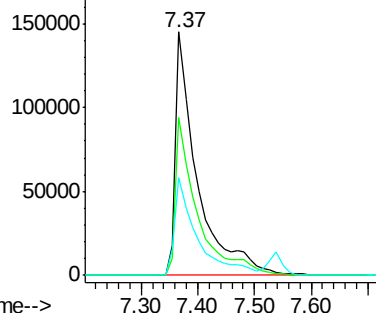
#29
 2,4-Dichlorophenol
 Concen: 44.67 ng
 RT: 7.37 min Scan# 497
 Delta R.T. -0.08 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.4	83.4
98	40.3	17.5	57.5

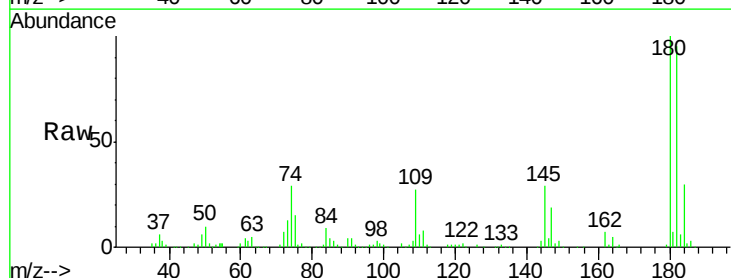


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

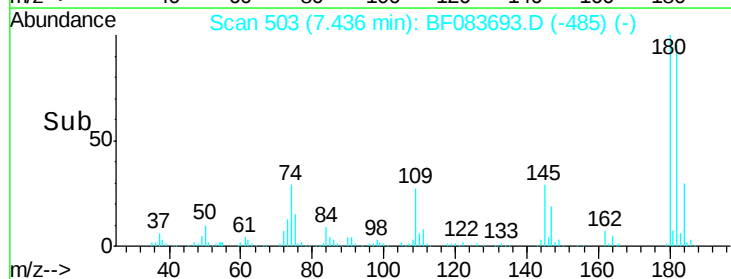
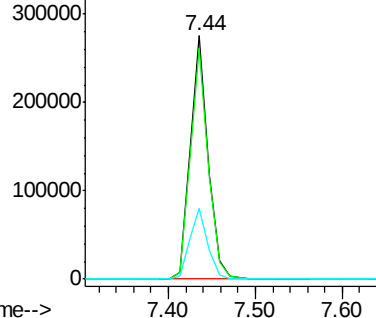


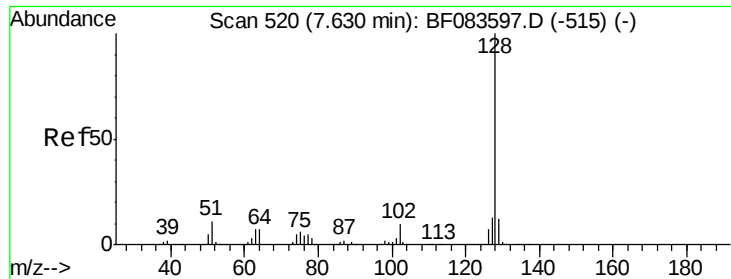
#30
 1,2,4-Trichlorobenzene
 Concen: 42.16 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.9	112.3
145	29.0	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

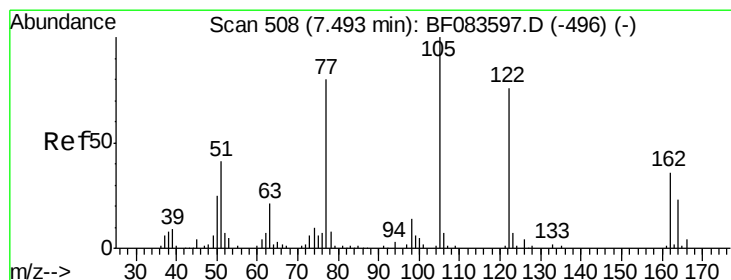
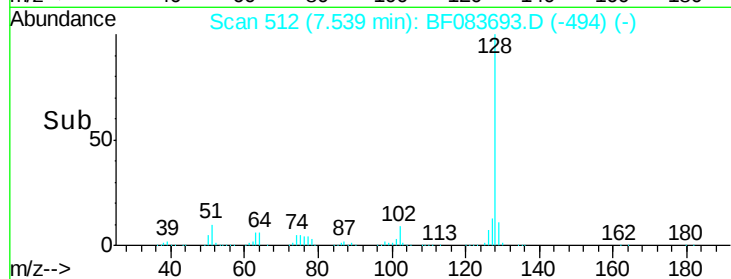
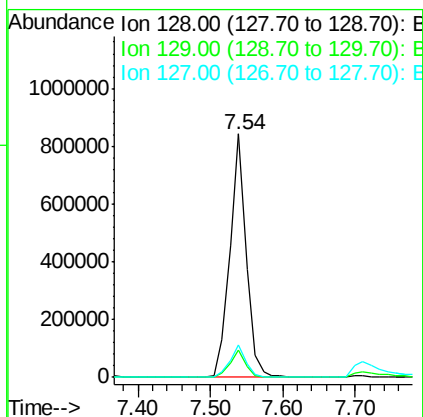
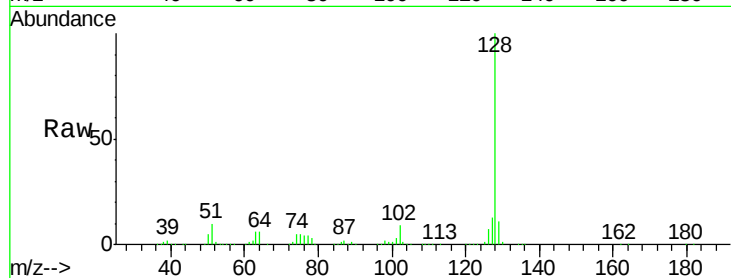




#31
Naphthalene
Concen: 43.55 ng
RT: 7.54 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

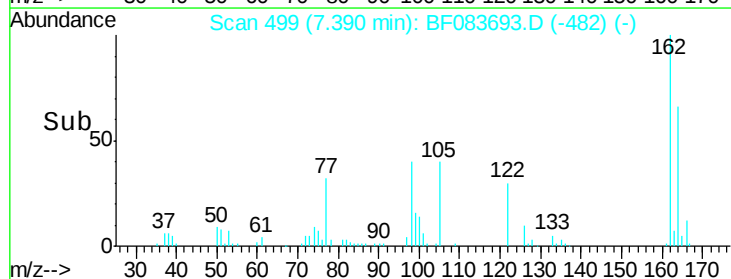
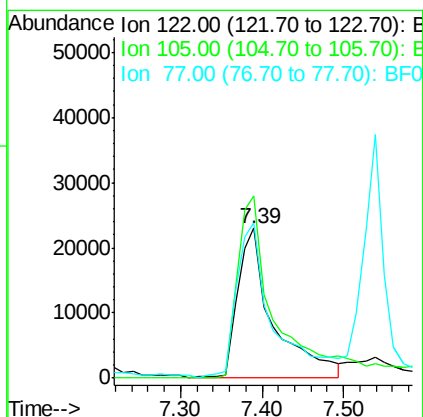
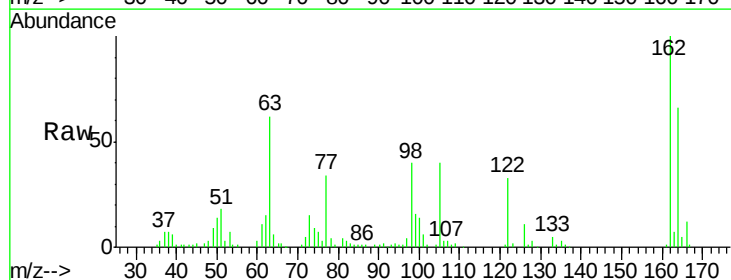
Instrument :
BNA_F
ClientSampled :
A8-4CMSD

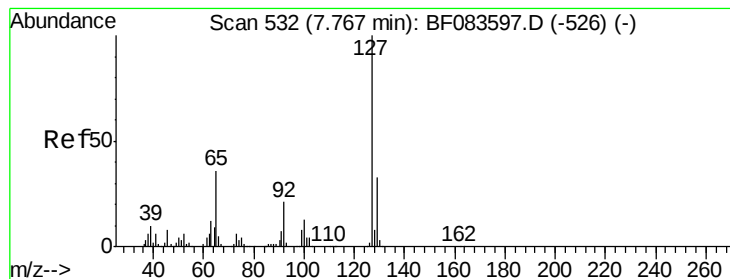
Tgt Ion:128 Resp: 1313920
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 13.92 ng
RT: 7.39 min Scan# 499
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion:122 Resp: 69794
Ion Ratio Lower Upper
122 100
105 121.4 105.6 145.6
77 103.4 86.8 126.8





#33

4-Chloroaniline

Concen: 16.32 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

Tgt Ion:127 Resp: 179565

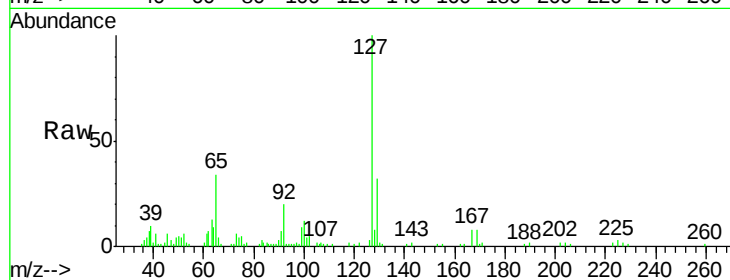
Ion Ratio Lower Upper

127 100

129 31.7 26.1 39.1

65 34.2 33.5 50.3

92 20.0 18.6 28.0

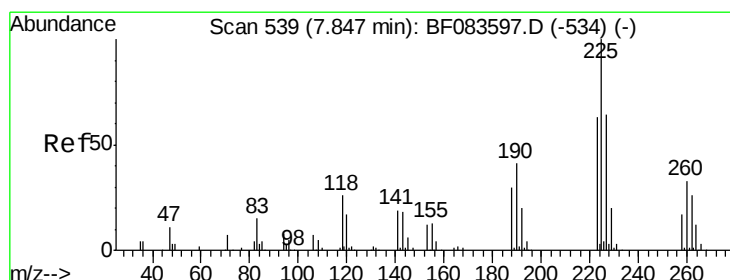
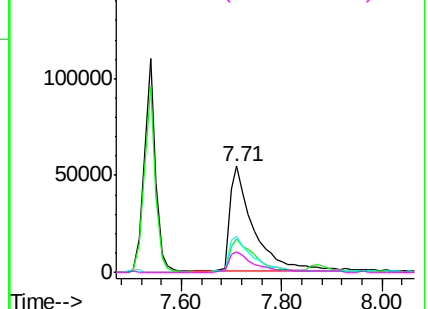
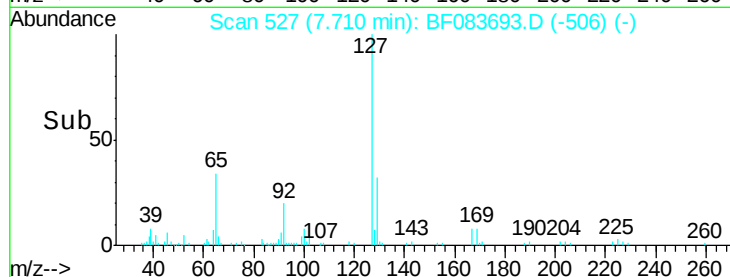


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.33 ng

RT: 7.74 min Scan# 530

Delta R.T. -0.10 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

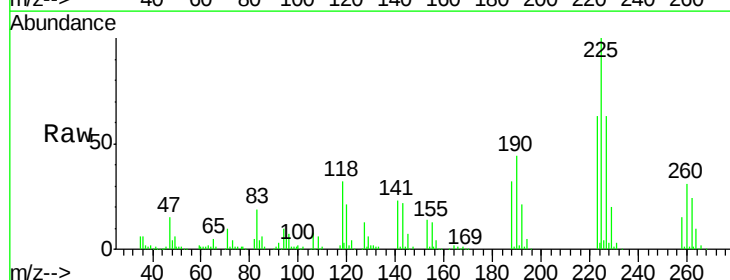
Tgt Ion:225 Resp: 232848

Ion Ratio Lower Upper

225 100

223 62.6 52.3 78.5

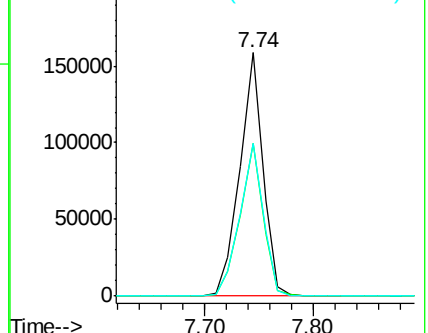
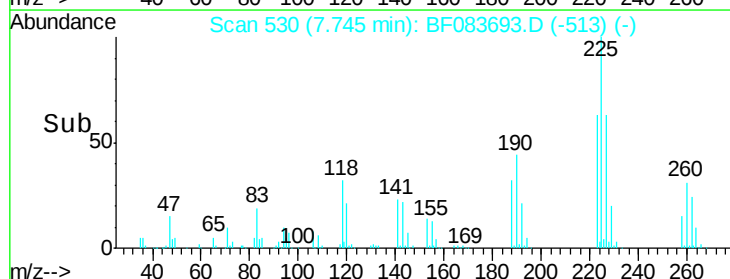
227 62.6 50.4 75.6

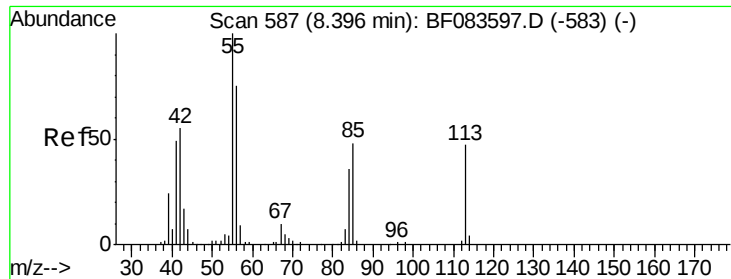


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

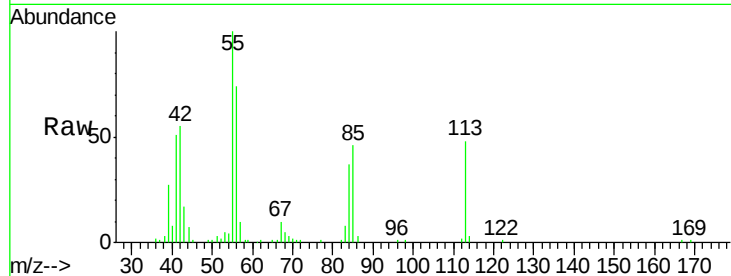




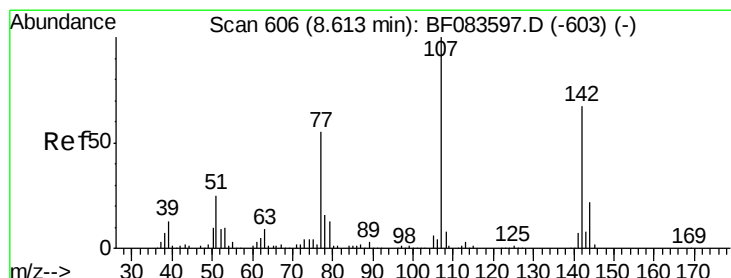
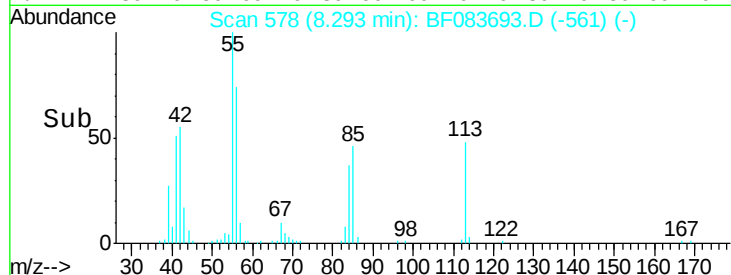
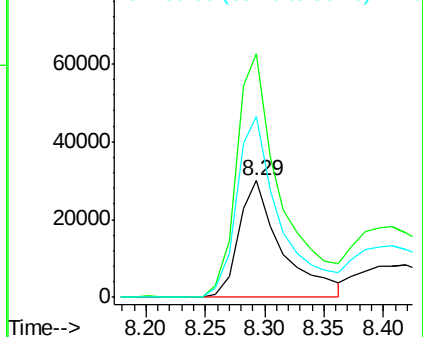
#35
 Caprolactam
 Concen: 29.53 ng
 RT: 8.29 min Scan# 578
 Delta R.T. -0.10 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tgt Ion:113 Resp: 75549
 Ion Ratio Lower Upper
 113 100
 55 209.1 189.7 229.7
 56 155.4 130.7 170.7

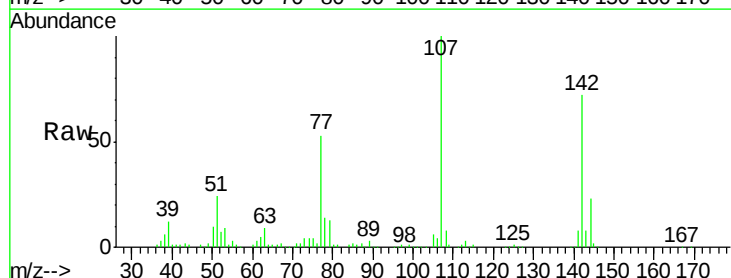


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

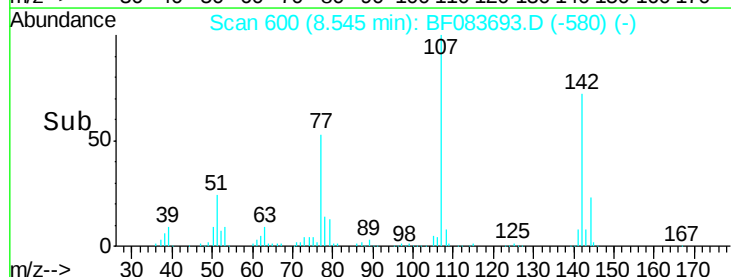
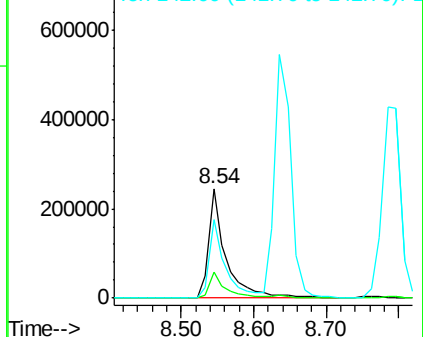


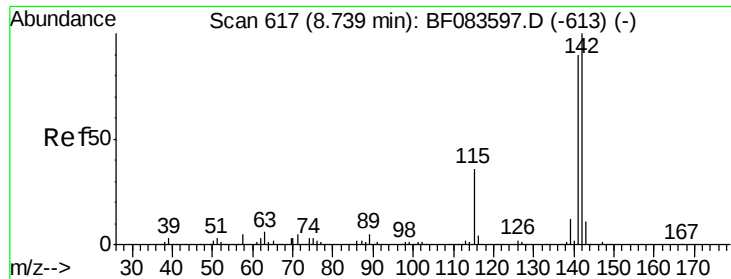
#36
 4-Chloro-3-methylphenol
 Concen: 42.53 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.07 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Tgt Ion:107 Resp: 407198
 Ion Ratio Lower Upper
 107 100
 144 23.4 17.5 26.3
 142 71.8 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

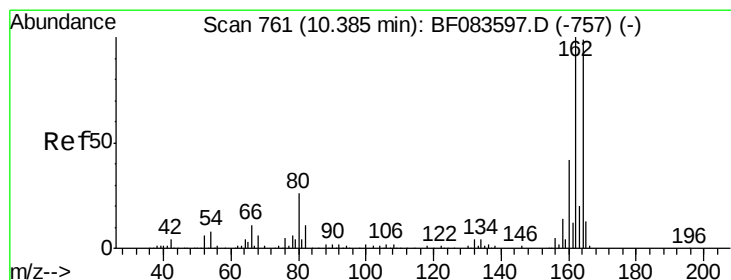
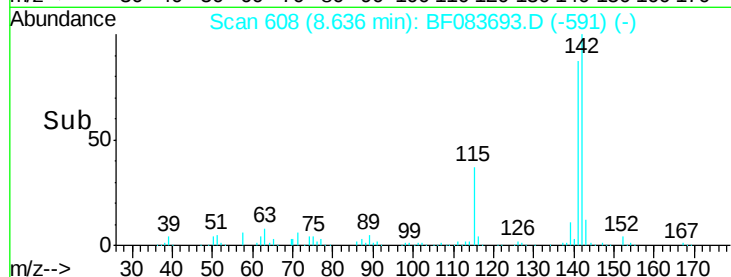
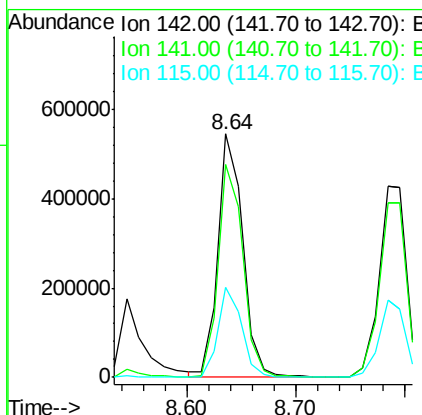
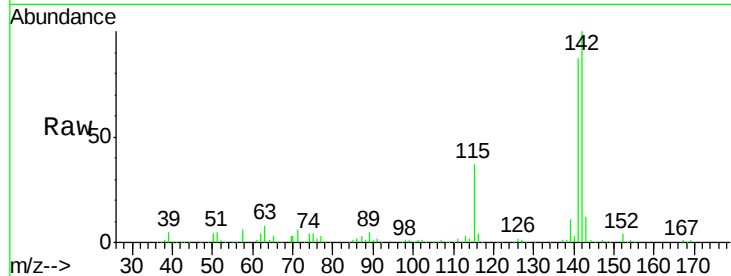




#37
2-Methylnaphthalene
Concen: 46.13 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

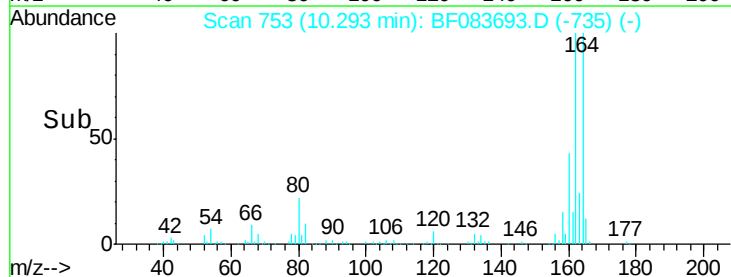
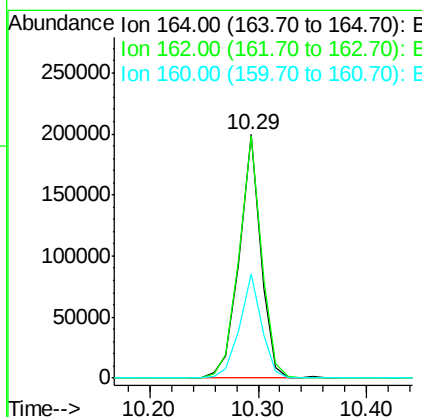
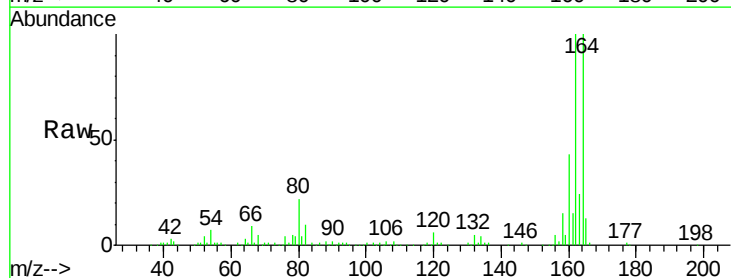
Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

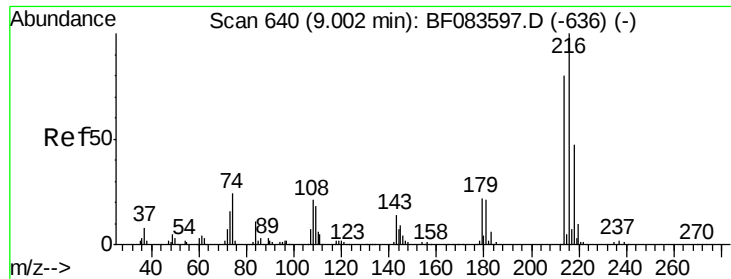
Tgt Ion:142 Resp: 874252
Ion Ratio Lower Upper
142 100
141 87.2 70.3 105.5
115 37.0 29.2 43.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion:164 Resp: 272187
Ion Ratio Lower Upper
164 100
162 99.5 78.8 118.2
160 42.6 33.4 50.2

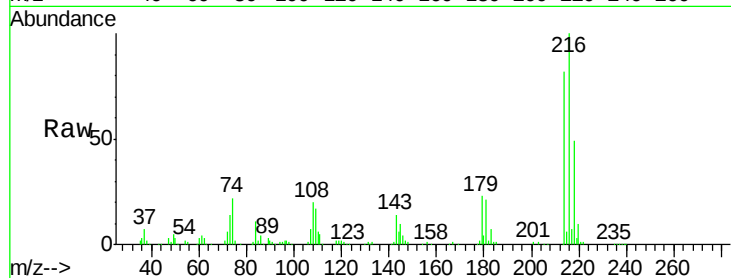




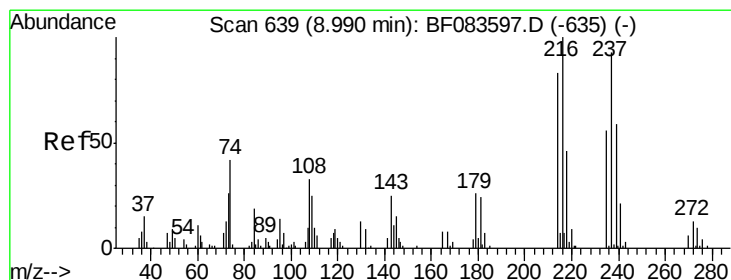
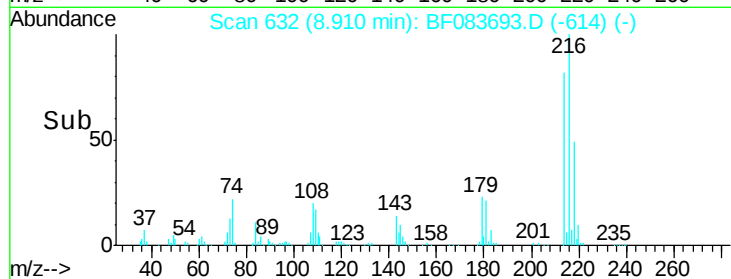
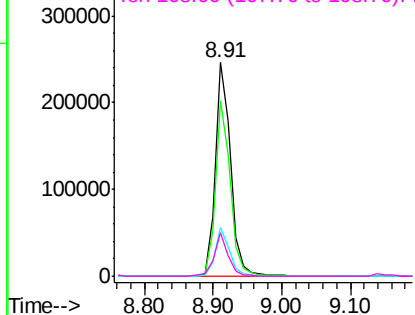
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.34 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tgt Ion:	216	Resp:	387278
Ion	Ratio	Lower	Upper
216	100		
214	79.9	0.0	0.0#
179	21.3	0.0	0.0#
108	18.8	0.0	0.0#

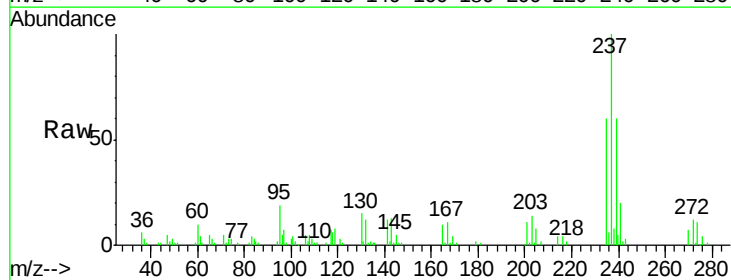


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

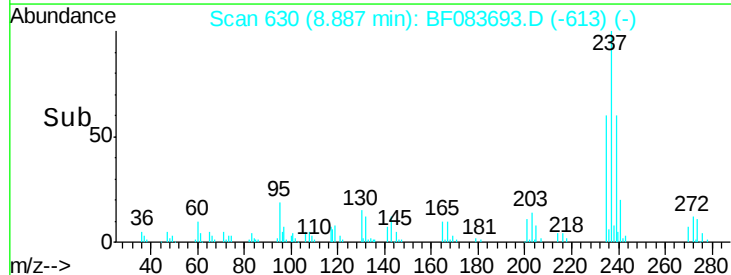
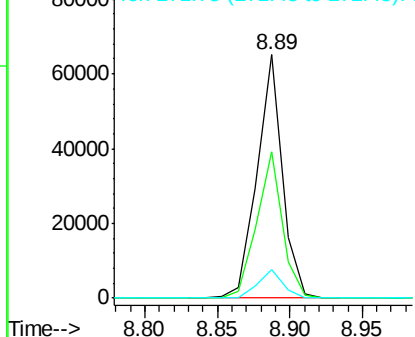


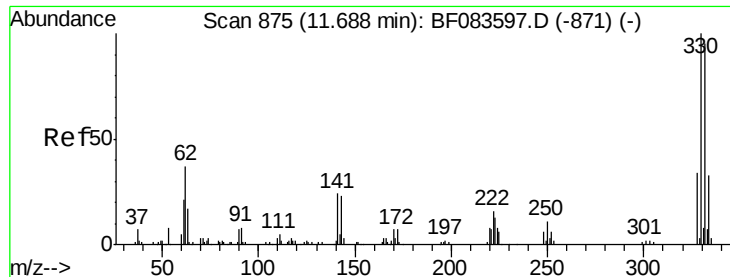
#40
 Hexachlorocyclopentadiene
 Concen: 52.29 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.10 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Tgt Ion:	237	Resp:	78727
Ion	Ratio	Lower	Upper
237	100		
235	60.2	43.9	83.9
272	11.9	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

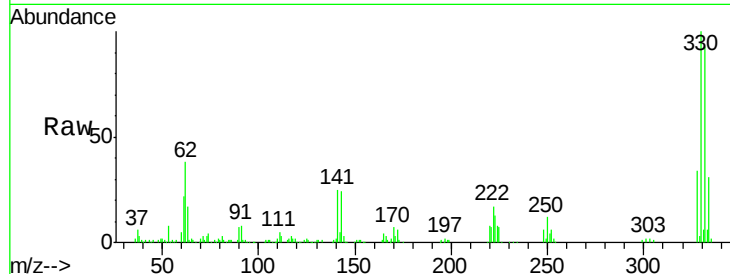




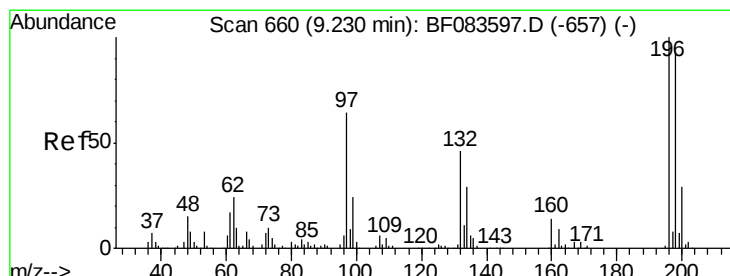
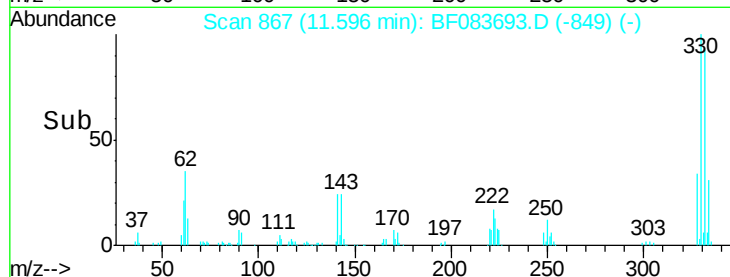
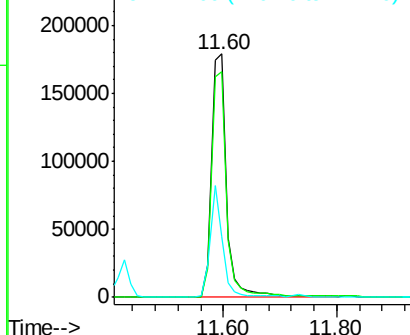
#41
 2,4,6-Tribromophenol
 Concen: 133.32 ng
 RT: 11.60 min Scan# 867
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tgt Ion:330 Resp: 323294
 Ion Ratio Lower Upper
 330 100
 332 93.0 0.0 0.0#
 141 37.5 0.0 0.0#

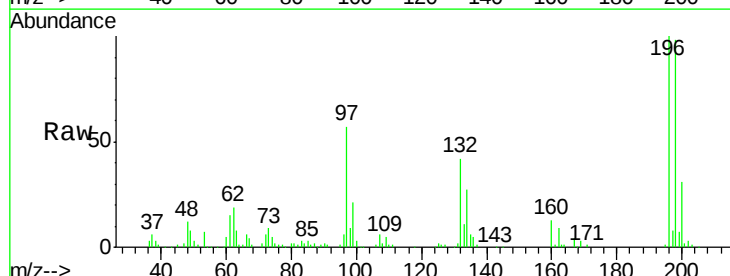


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

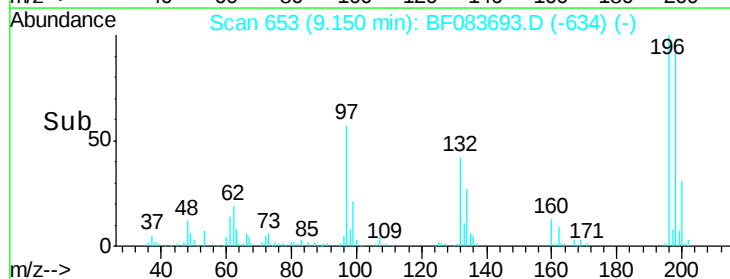
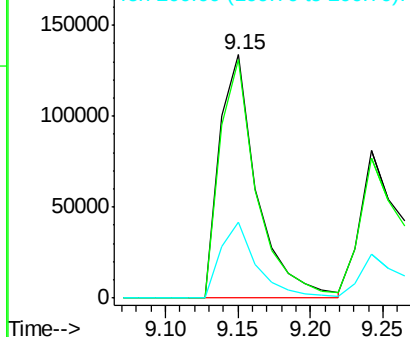


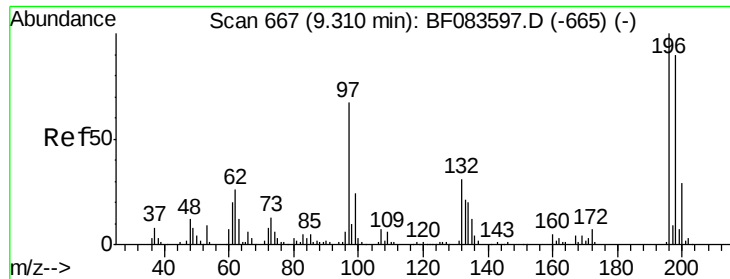
#42
 2,4,6-Trichlorophenol
 Concen: 45.05 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.08 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Tgt Ion:196 Resp: 239996
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.2 112.8
 200 31.0 23.0 34.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

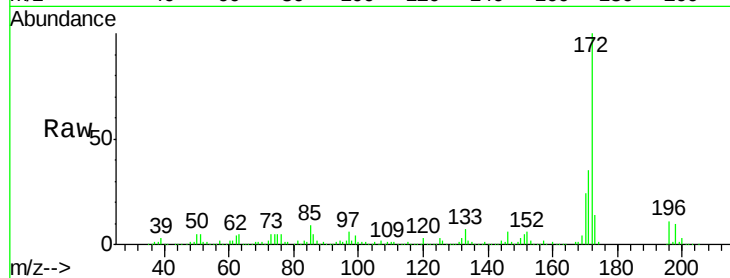




#43
 2,4,5-Trichlorophenol
 Concen: 42.20 ng
 RT: 9.24 min Scan# 661
 Delta R.T. -0.07 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tgt Ion	Resp	Lower	Upper
196	100		
198	95.2	77.7	116.5
97	56.9	41.2	61.8
132	32.3	21.8	32.8



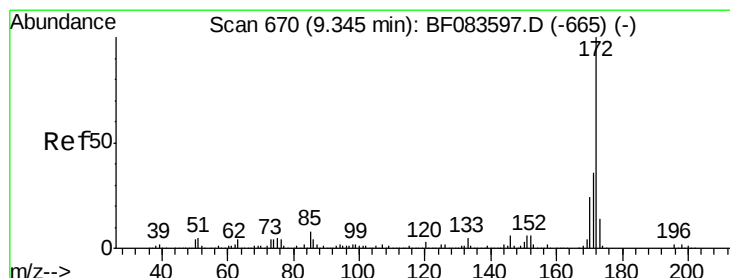
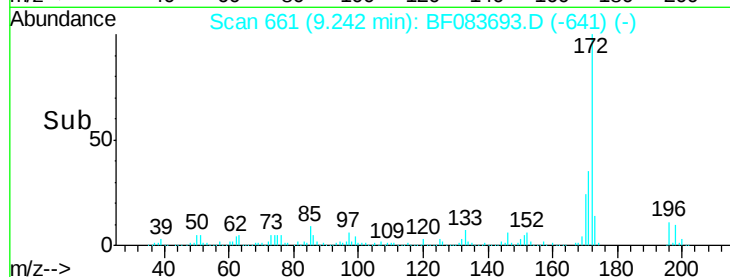
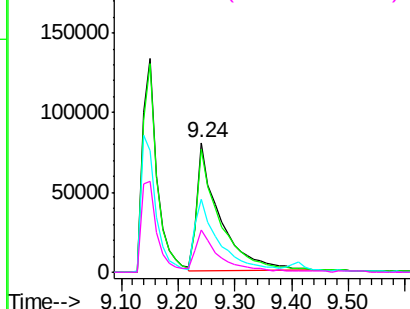
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

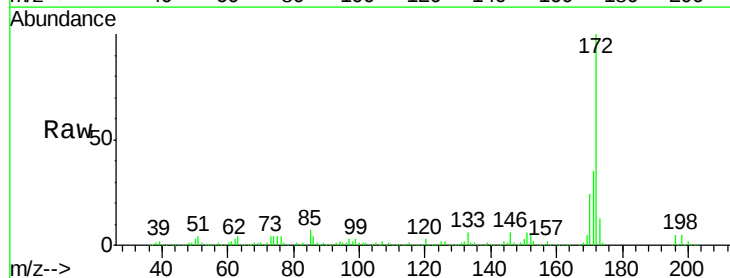
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.78 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	24.2	19.4	29.0

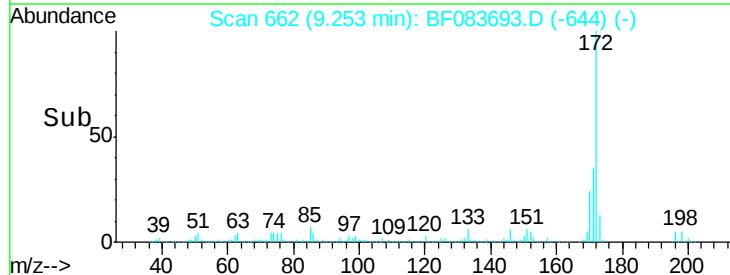
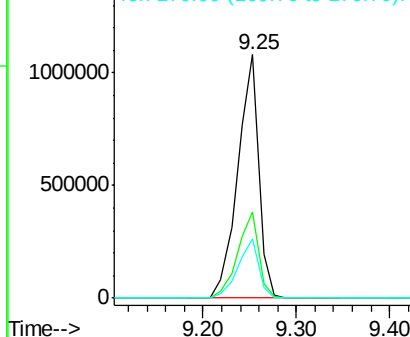


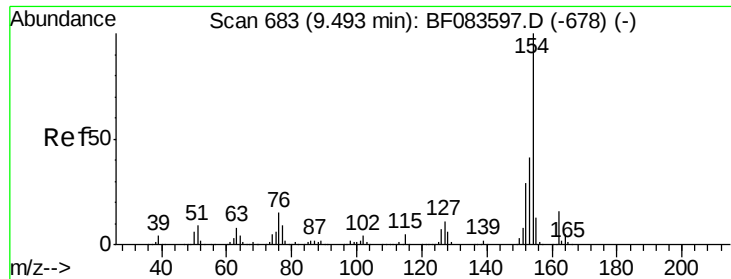
Abundance

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: 43.09 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

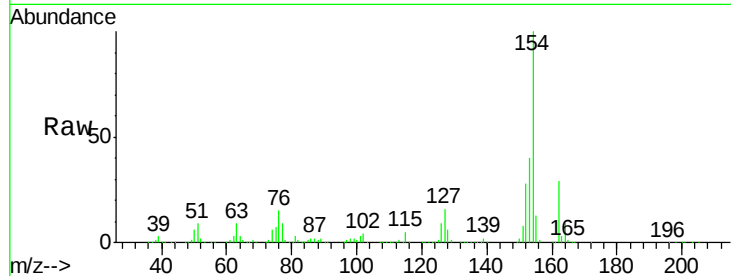
Tgt Ion:154 Resp: 1019409

Ion Ratio Lower Upper

154 100

153 39.5 20.2 60.2

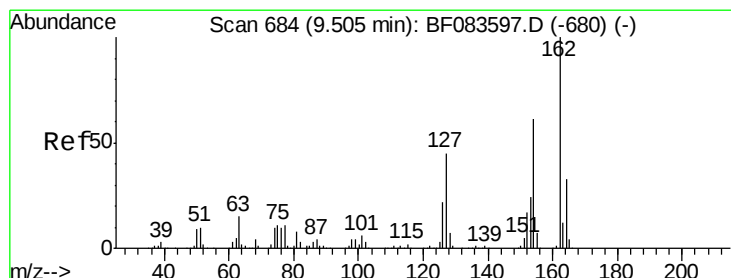
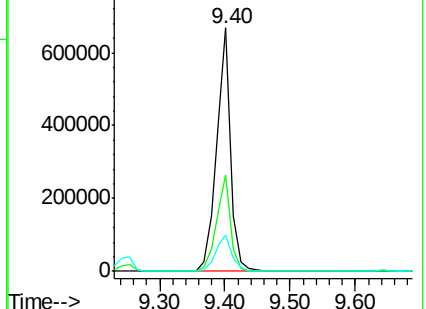
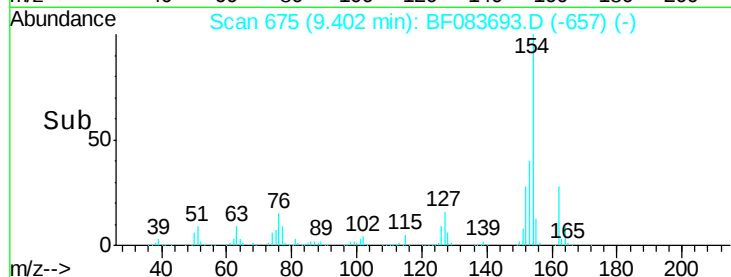
76 14.7 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.10 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

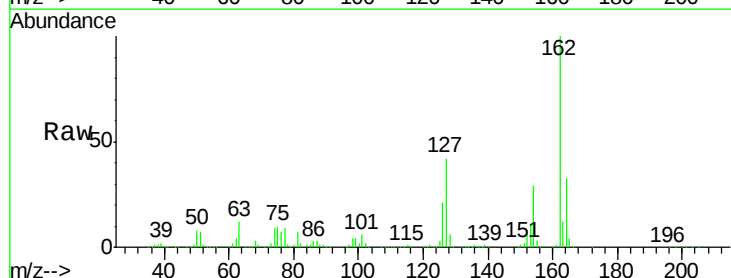
Tgt Ion:162 Resp: 769894

Ion Ratio Lower Upper

162 100

127 41.7 31.0 46.4

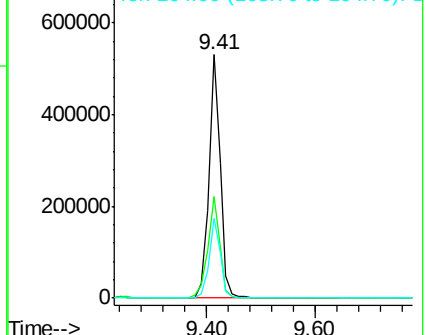
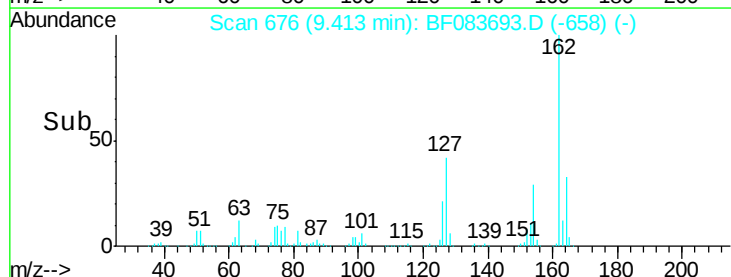
164 32.7 27.4 41.0

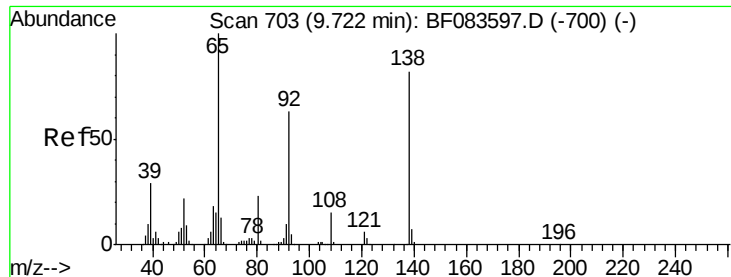


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

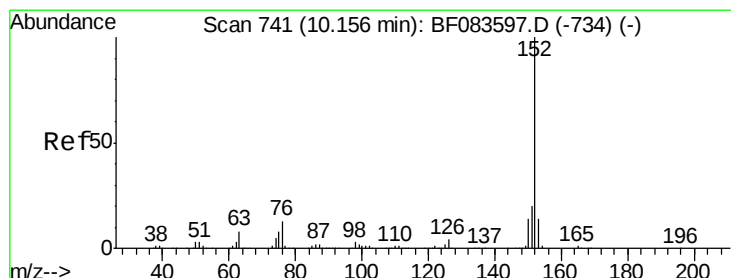
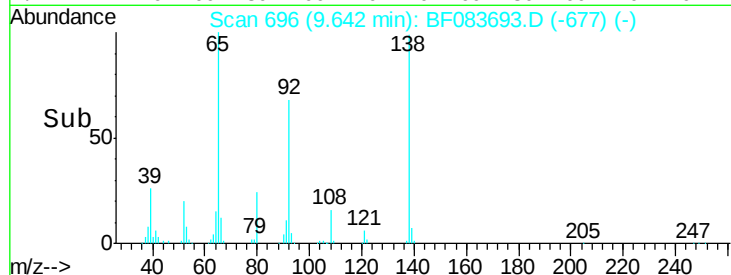
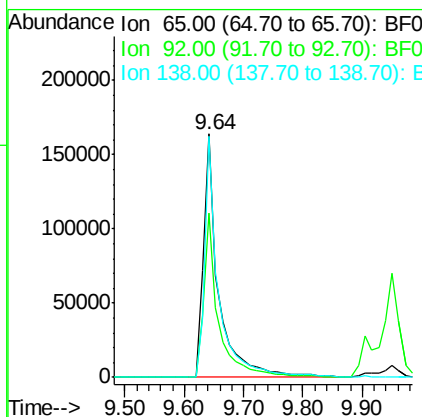
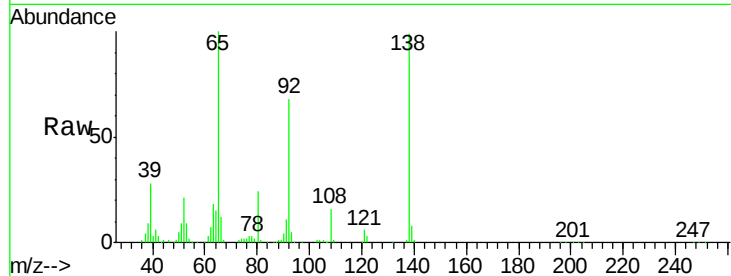




#47
2-Nitroaniline
Concen: 46.02 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

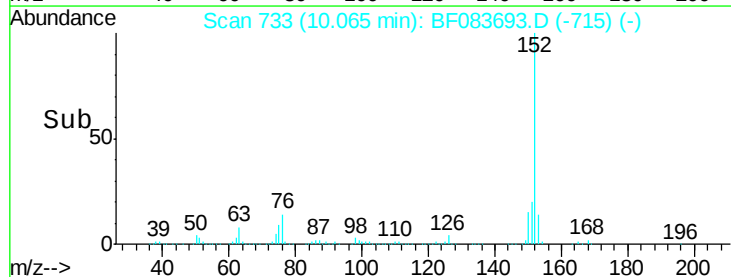
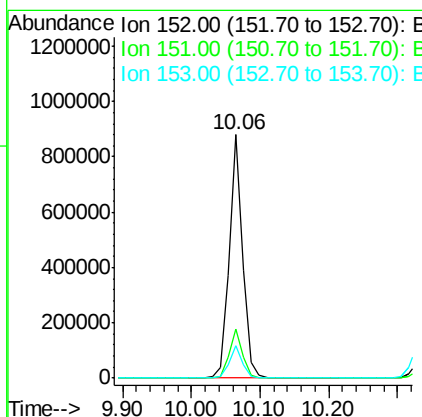
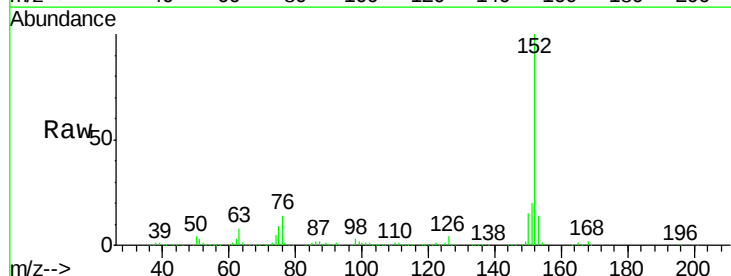
Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

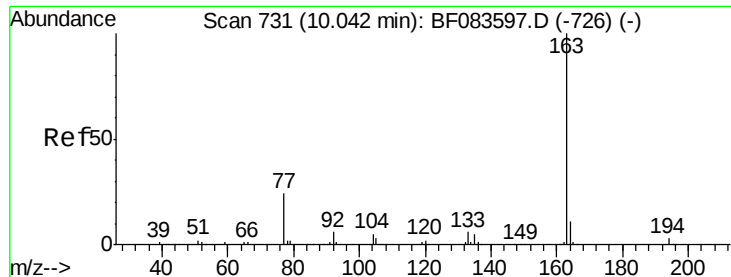
Tgt Ion: 65 Resp: 296441
Ion Ratio Lower Upper
65 100
92 67.5 49.6 74.4
138 98.8 64.1 96.1#



#48
Acenaphthylene
Concen: 41.15 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion: 152 Resp: 1211868
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 50.04 ng

RT: 9.95 min Scan# 723

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

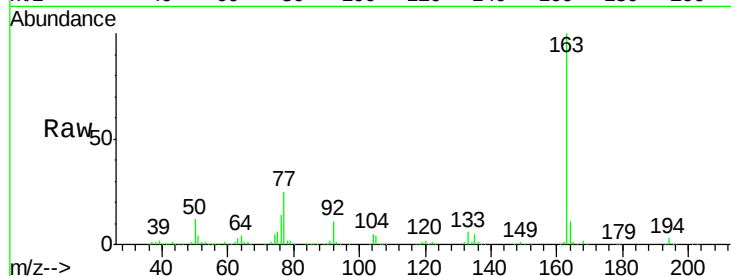
Tgt Ion:163 Resp: 1084248

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

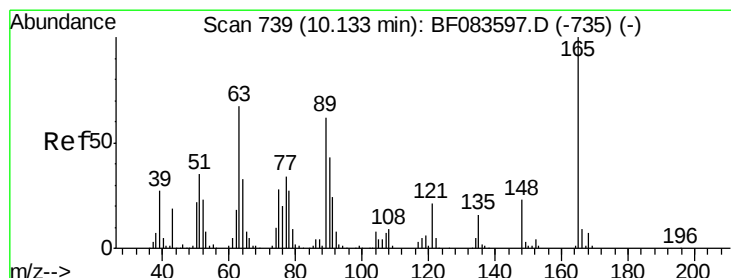
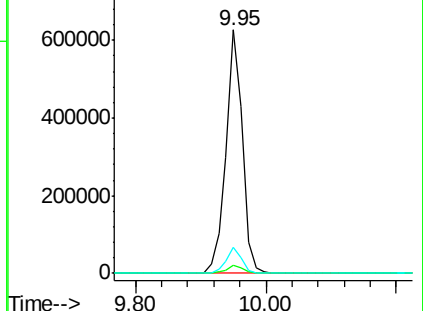
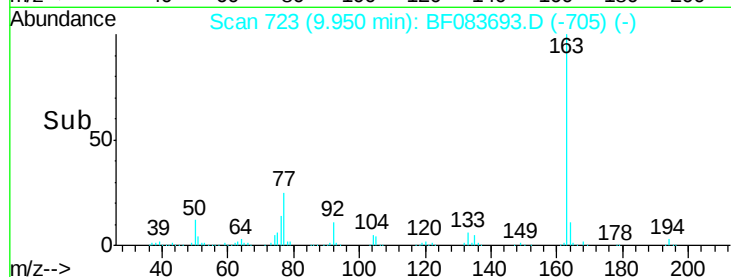
164 10.7 8.6 13.0



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: 43.26 ng

RT: 10.04 min Scan# 731

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

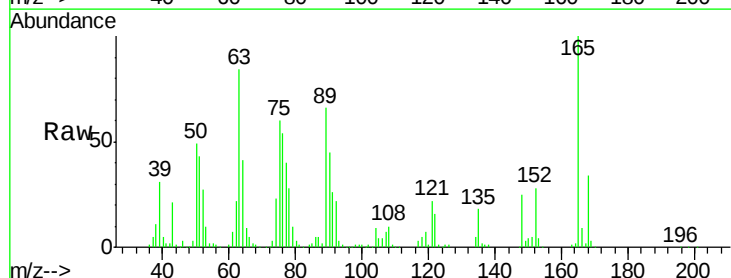
Tgt Ion:165 Resp: 193536

Ion Ratio Lower Upper

165 100

63 84.3 56.9 85.3

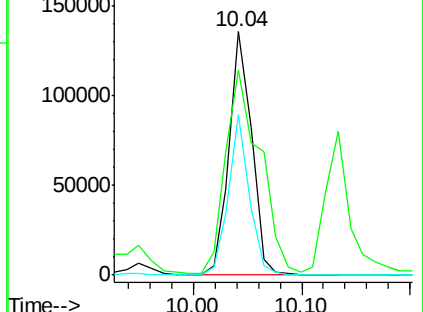
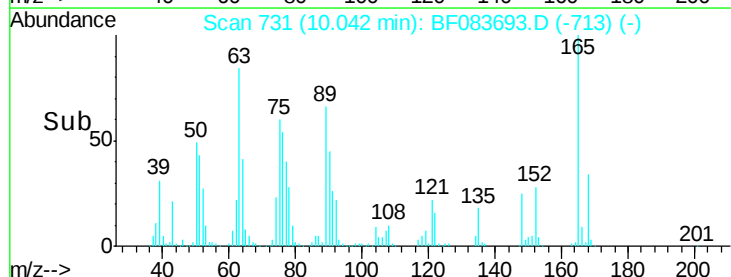
89 66.1 52.1 78.1

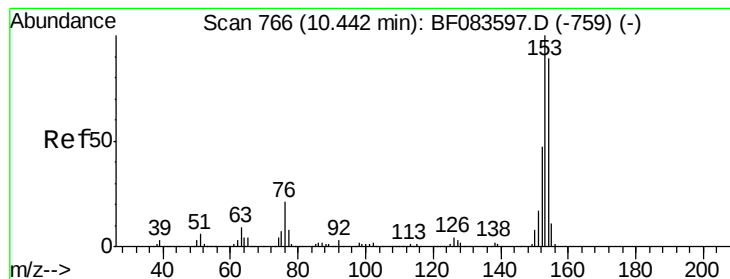


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.54 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

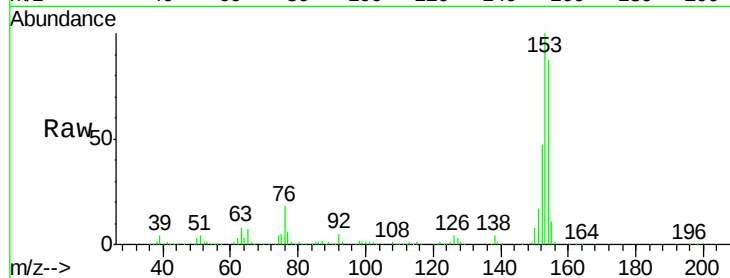
Tgt Ion:154 Resp: 717275

Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.0

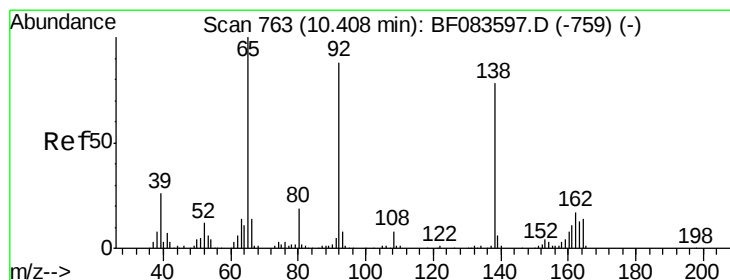
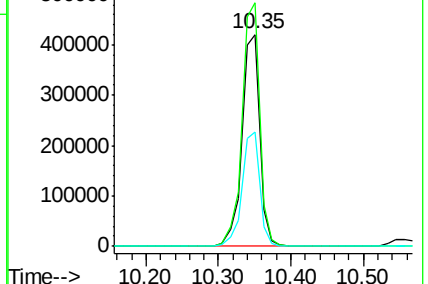
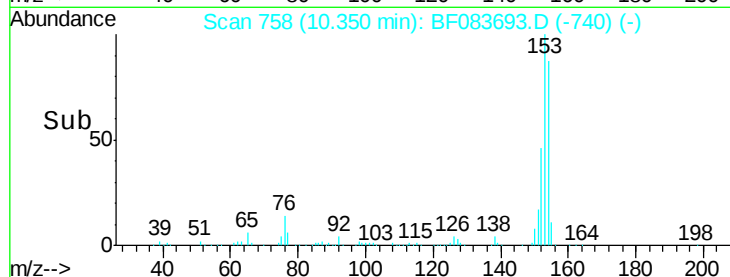
152 53.8 43.4 65.2



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: 25.40 ng

RT: 10.33 min Scan# 756

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

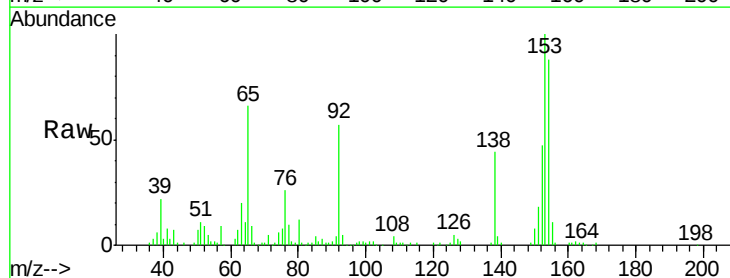
Tgt Ion:138 Resp: 120770

Ion Ratio Lower Upper

138 100

108 10.1 9.9 14.9

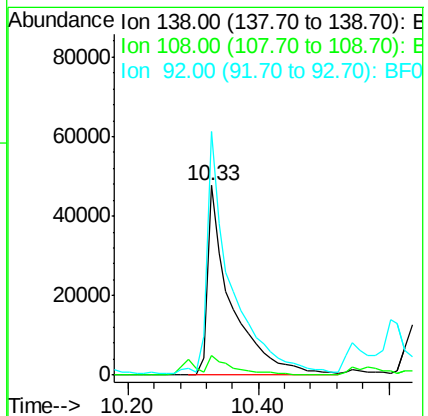
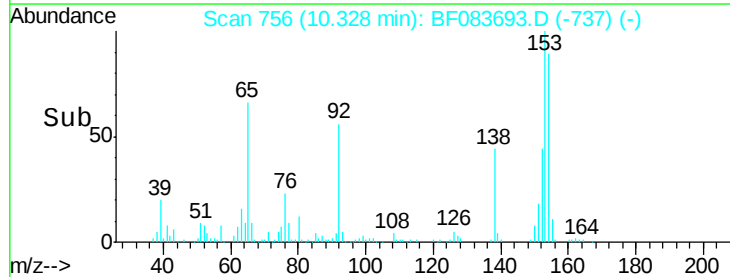
92 128.6 113.8 170.8

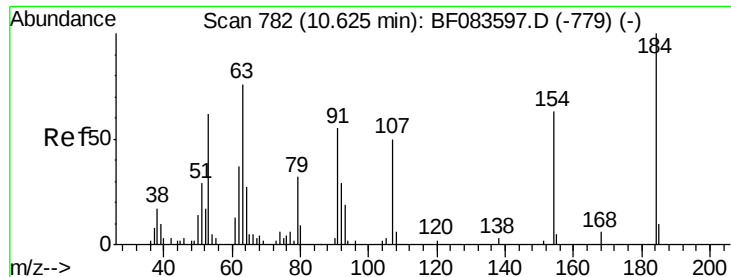


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

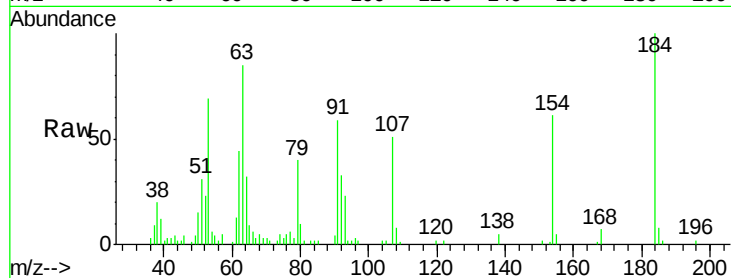




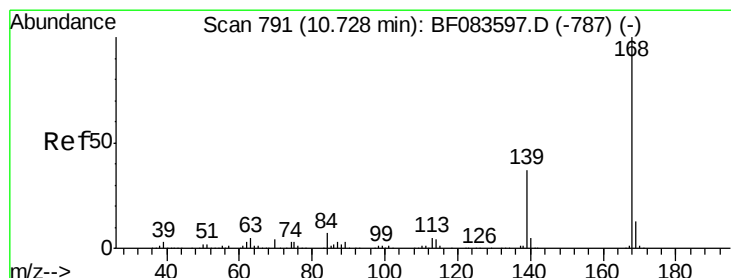
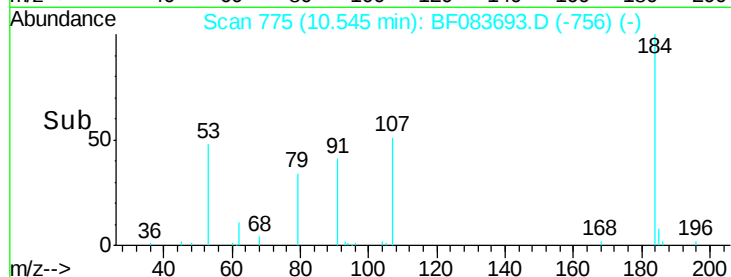
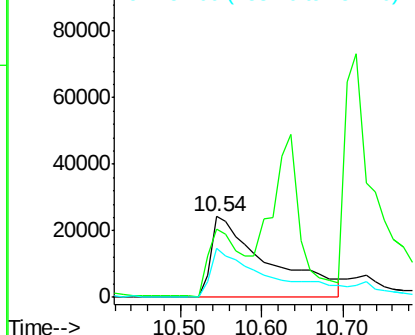
#53
2,4-Dinitrophenol
Concen: 55.33 ng
RT: 10.54 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampled :
A8-4CMSD

Tgt Ion:184 Resp: 118369
Ion Ratio Lower Upper
184 100
63 84.7 62.4 93.6
154 60.9 46.6 69.8

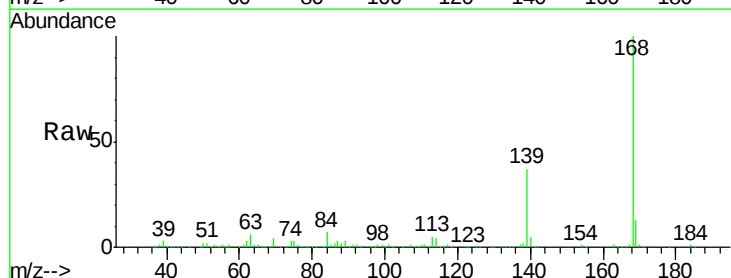


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

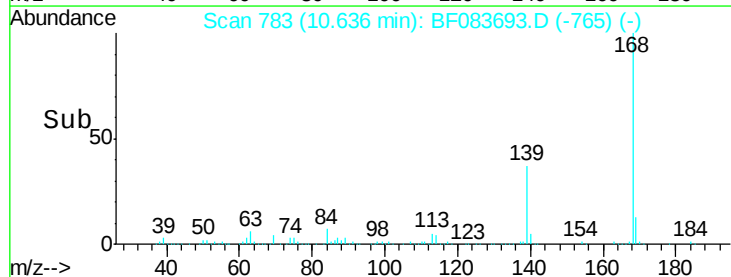
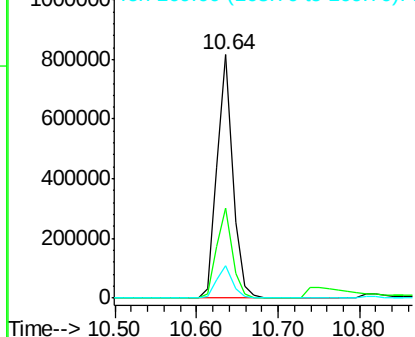


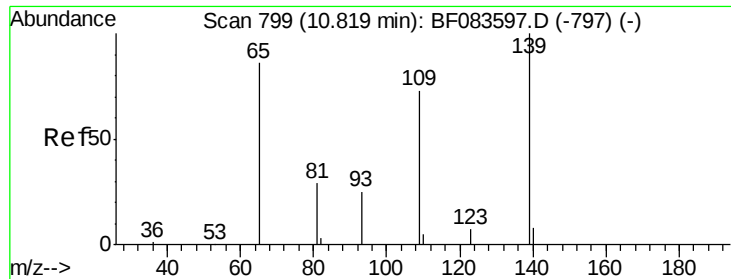
#54
Dibenzofuran
Concen: 46.73 ng
RT: 10.64 min Scan# 783
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion:168 Resp: 1092689
Ion Ratio Lower Upper
168 100
139 37.0 28.0 42.0
169 13.3 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

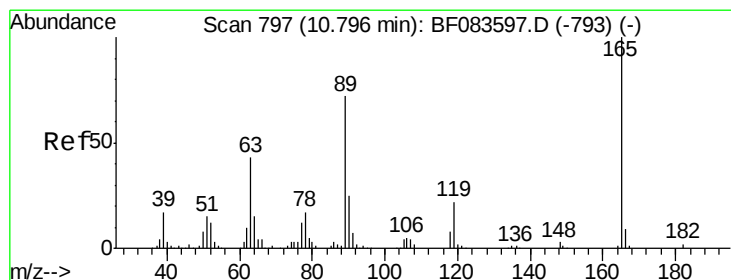
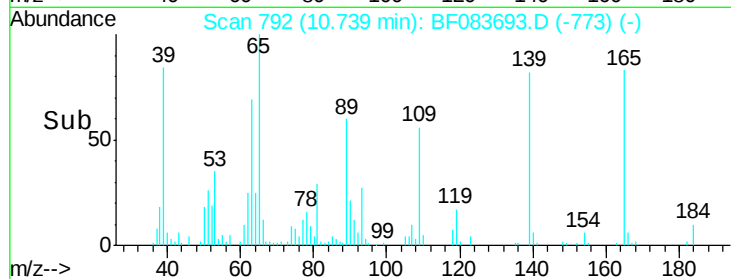
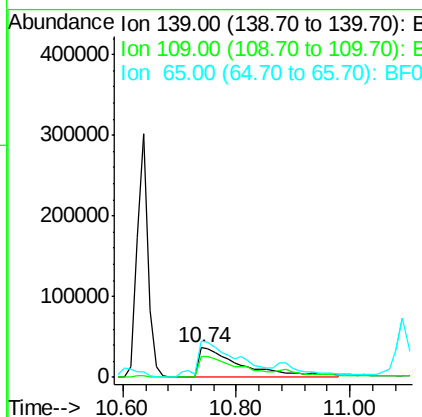
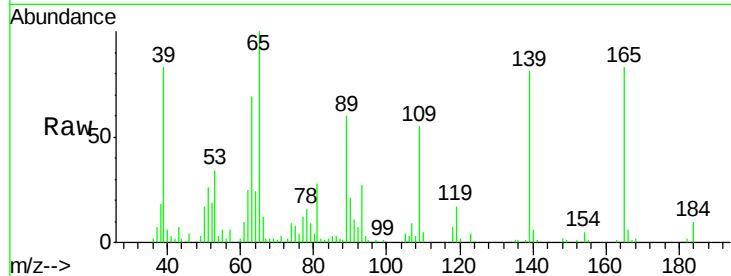




#55
4-Nitrophenol
Concen: 88.79 ng
RT: 10.74 min Scan# 792
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

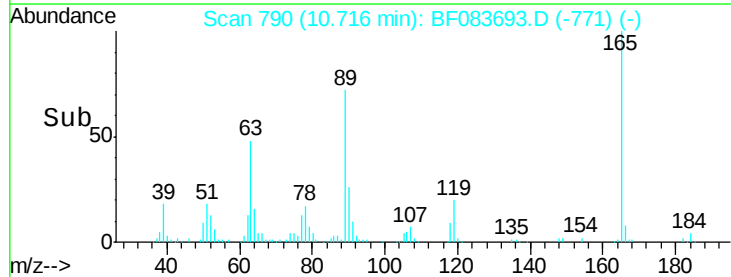
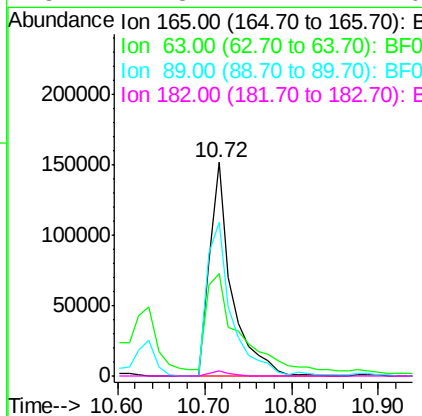
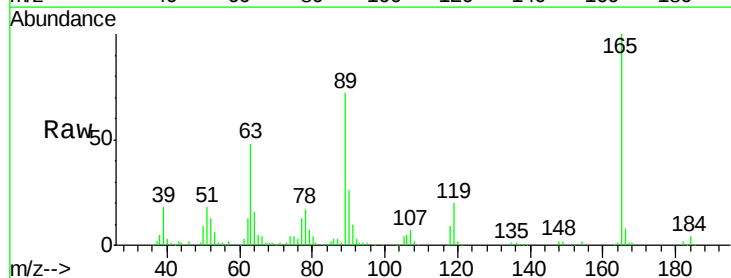
Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

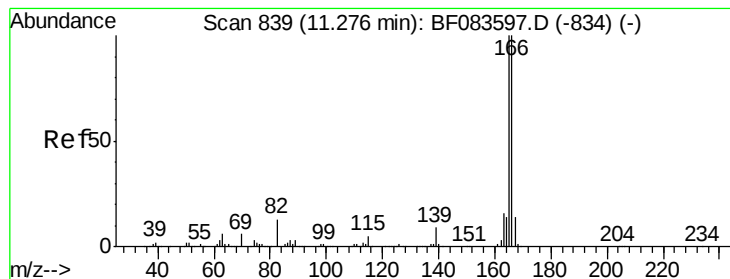
Tgt Ion:139 Resp: 185849
Ion Ratio Lower Upper
139 100
109 68.3 42.0 82.0
65 123.5 89.2 129.2



#56
2,4-Dinitrotoluene
Concen: 45.62 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion:165 Resp: 270681
Ion Ratio Lower Upper
165 100
63 48.3 51.4 77.2#
89 72.1 72.6 108.8#
182 2.3 1.4 2.0#





#57

Fluorene

Concen: 42.11 ng

RT: 11.18 min Scan# 831

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

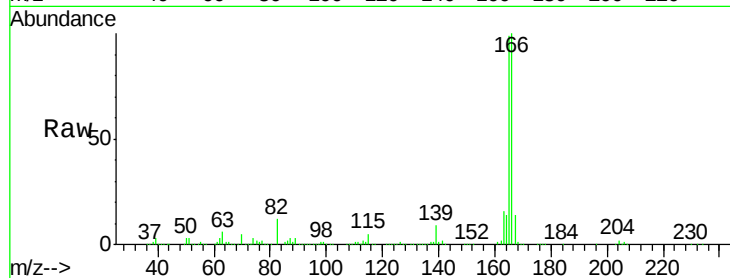
Tgt Ion:166 Resp: 859331

Ion Ratio Lower Upper

166 100

165 99.3 80.0 120.0

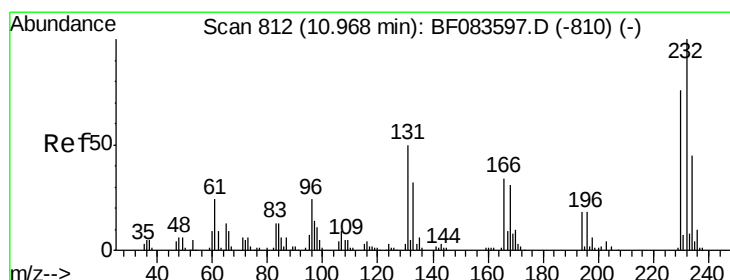
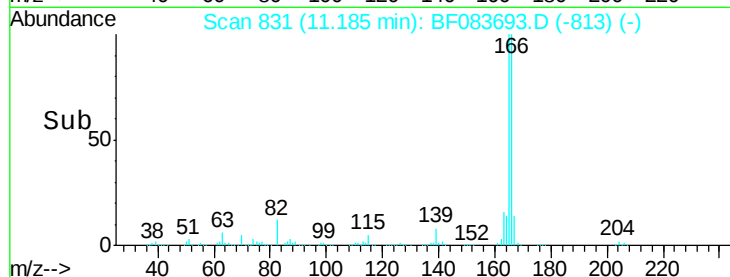
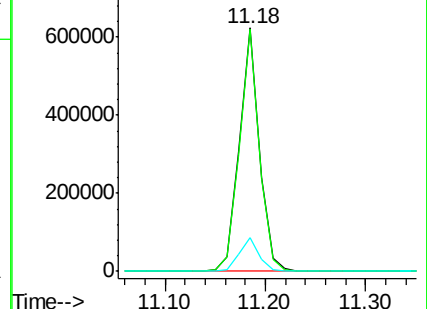
167 13.7 10.6 16.0



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: 48.82 ng

RT: 10.89 min Scan# 805

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Tgt Ion:232 Resp: 207109

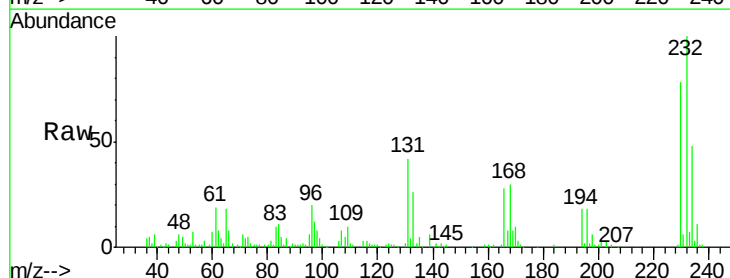
Ion Ratio Lower Upper

232 100

131 44.7 0.0 0.0#

130 2.0 0.0 0.0#

166 27.8 0.0 0.0#

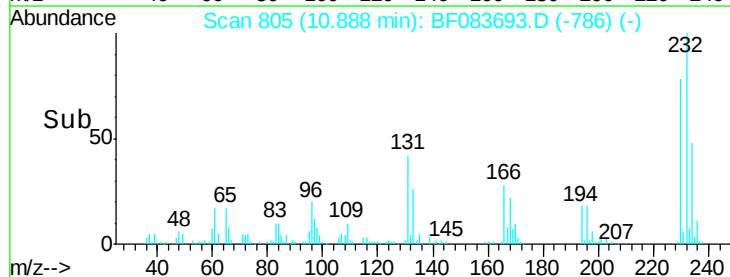
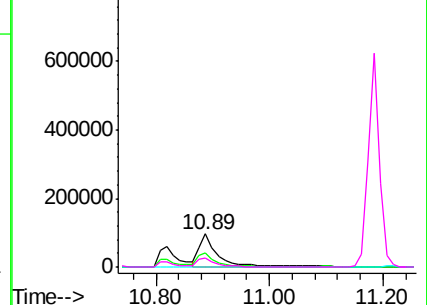


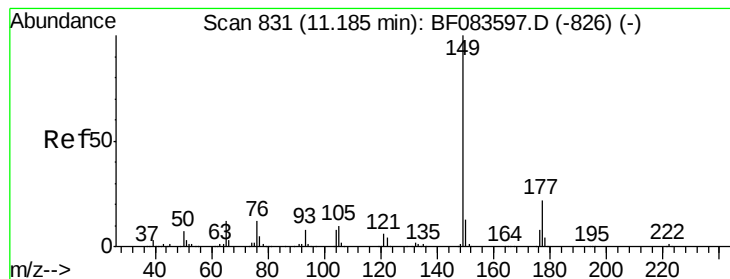
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.73 ng

RT: 11.09 min Scan# 823

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

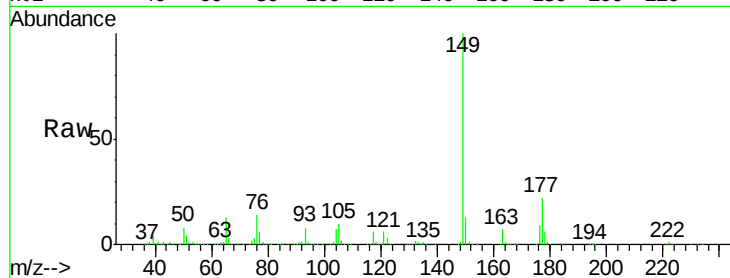
Tgt Ion:149 Resp: 879019

Ion Ratio Lower Upper

149 100

177 21.6 16.9 25.3

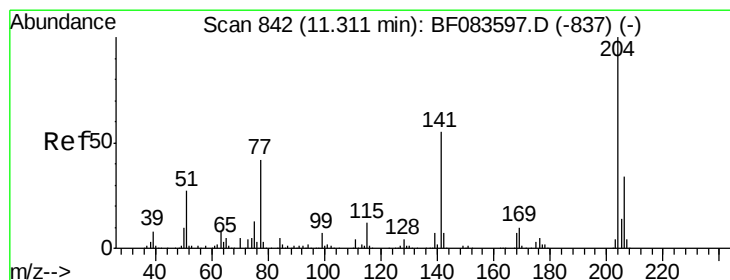
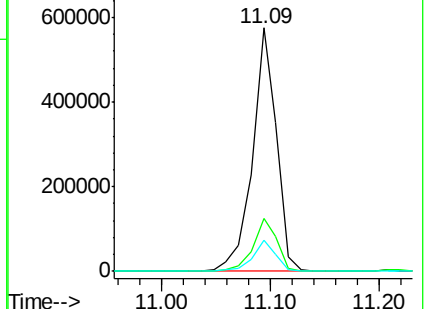
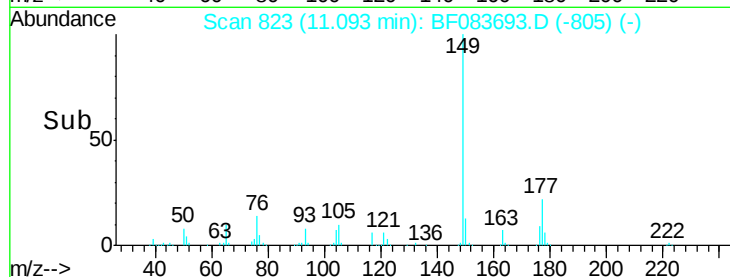
150 12.9 10.2 15.4



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: 41.30 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.10 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

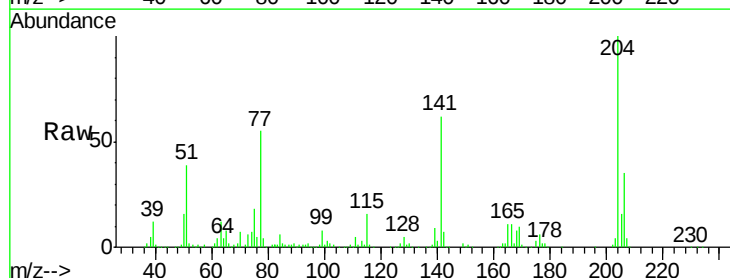
Tgt Ion:204 Resp: 401233

Ion Ratio Lower Upper

204 100

206 34.6 27.3 40.9

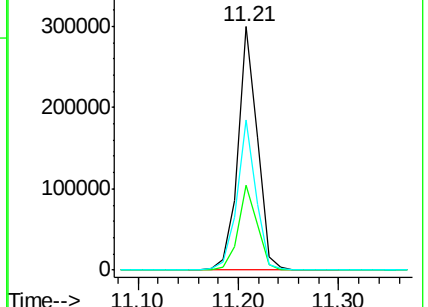
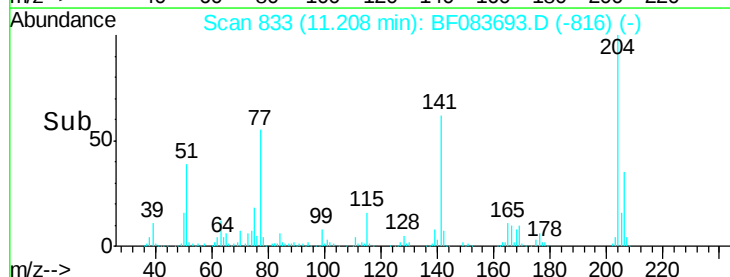
141 61.6 51.9 77.9

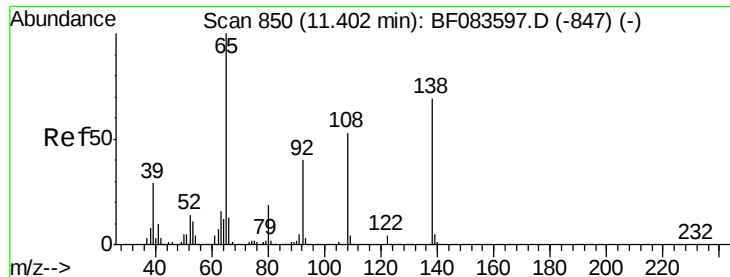


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

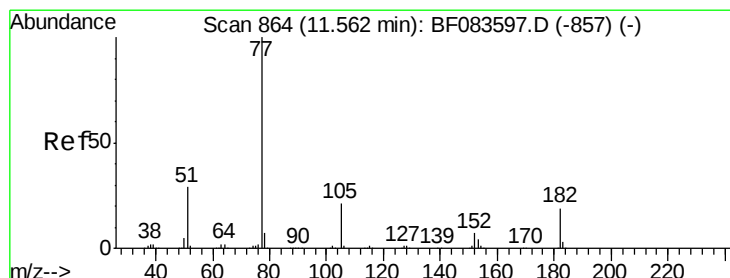
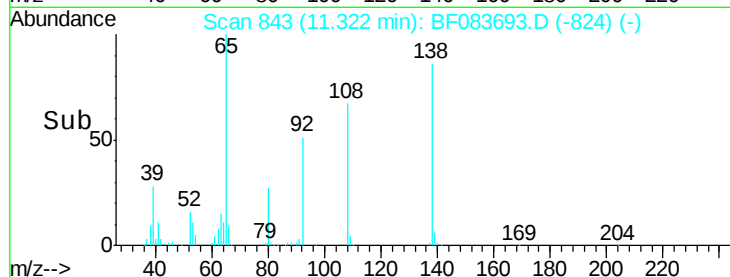
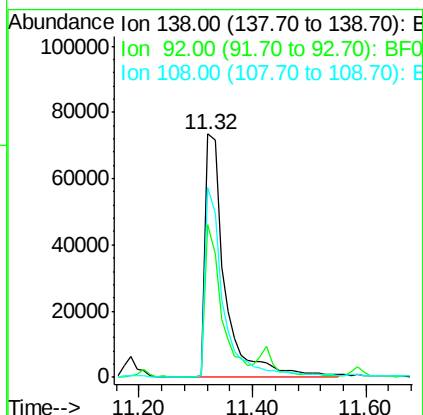
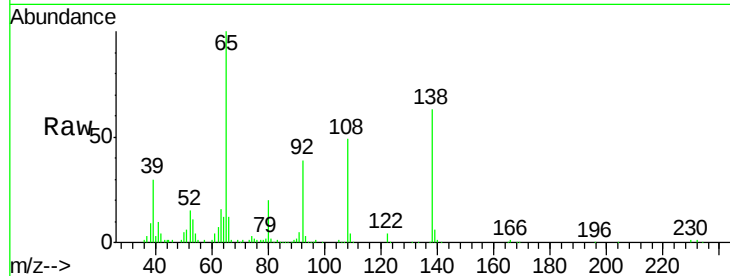




#61
4-Nitroaniline
Concen: 40.25 ng
RT: 11.32 min Scan# 843
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

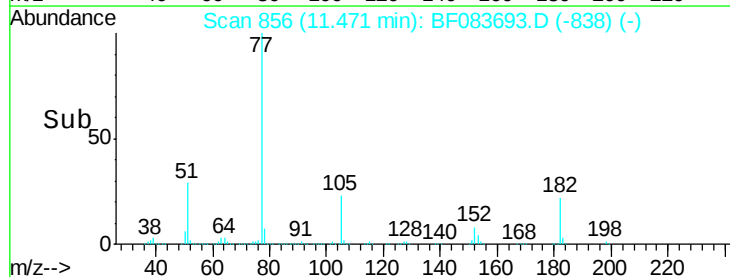
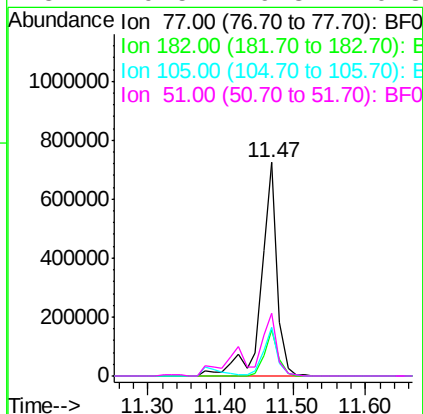
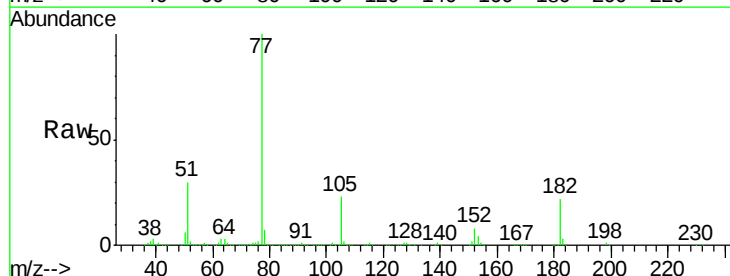
Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

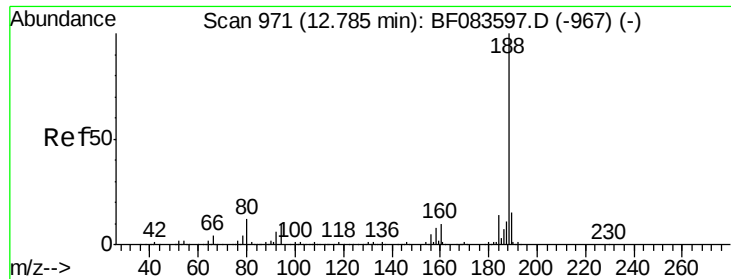
Tgt Ion: 138 Resp: 173860
Ion Ratio Lower Upper
138 100
92 62.8 29.0 69.0
108 78.2 47.4 87.4



#62
Azobenzene
Concen: 48.33 ng
RT: 11.47 min Scan# 856
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion: 77 Resp: 1120531
Ion Ratio Lower Upper
77 100
182 21.8 2.5 42.5
105 22.7 2.1 42.1
51 29.5 9.3 49.3

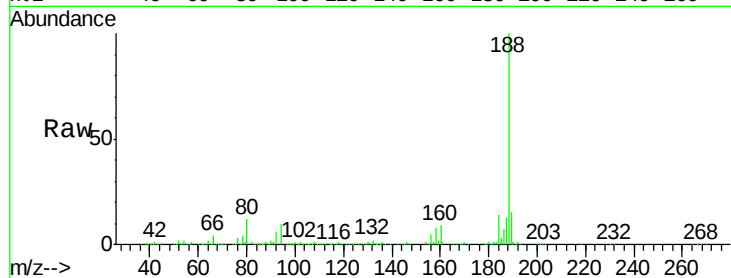




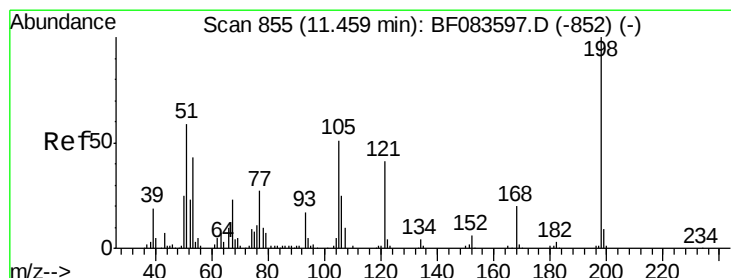
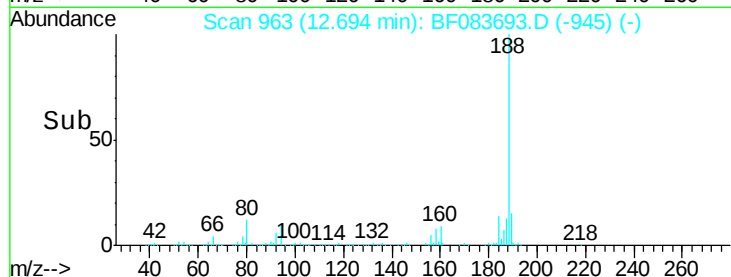
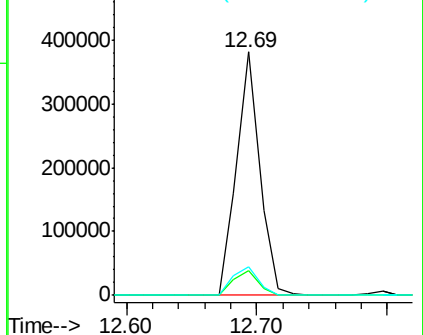
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 963
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tgt Ion:188 Resp: 474029
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.8 10.6 16.0

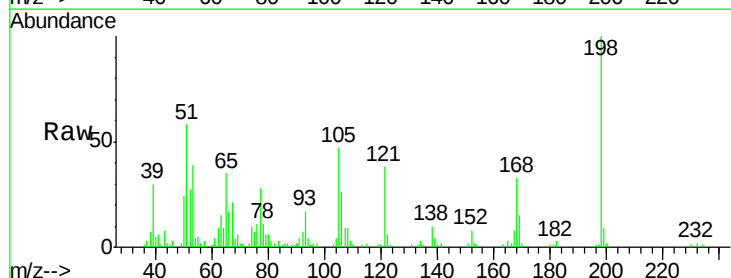


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

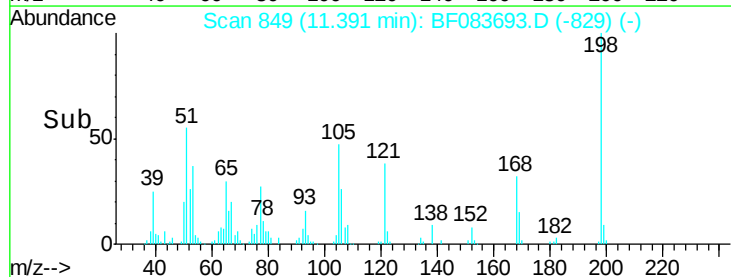
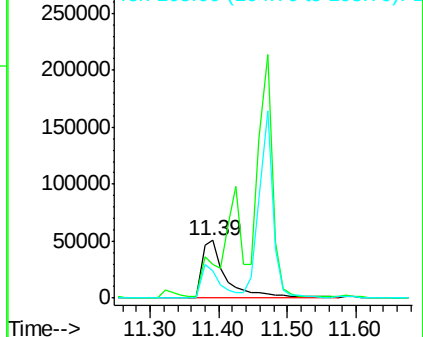


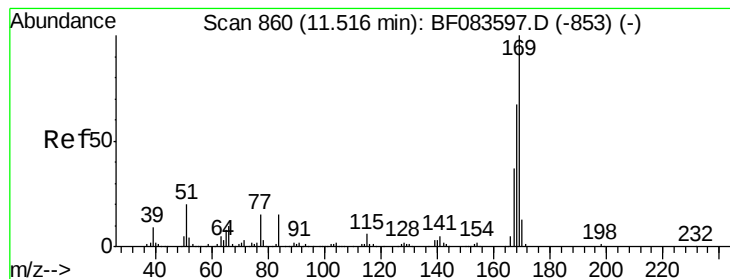
#64
4,6-Dinitro-2-methylphenol
Concen: 39.17 ng
RT: 11.39 min Scan# 849
Delta R.T. -0.07 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion:198 Resp: 125292
Ion Ratio Lower Upper
198 100
51 58.2 53.8 93.8
105 47.3 38.6 78.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

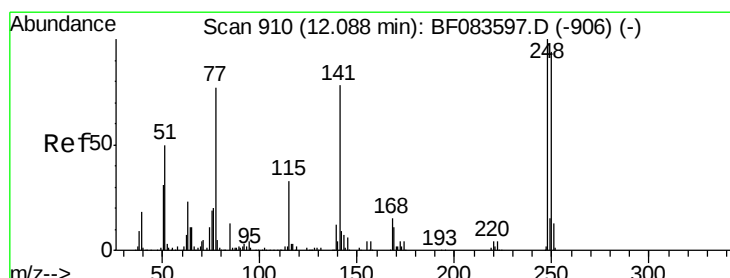
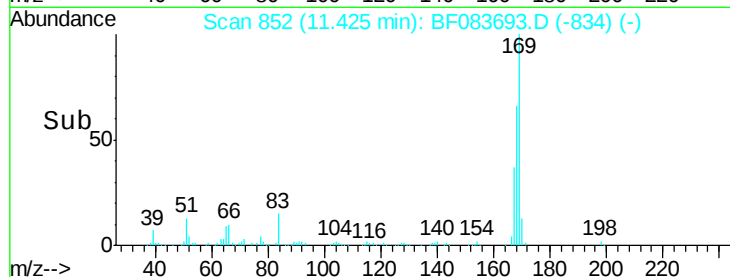
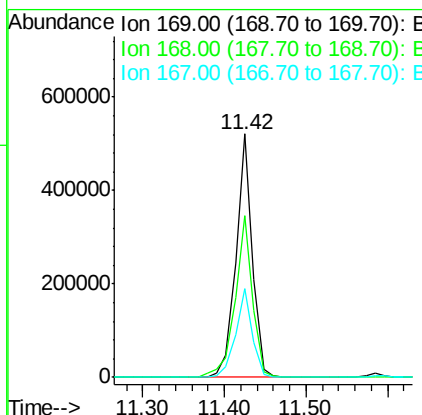
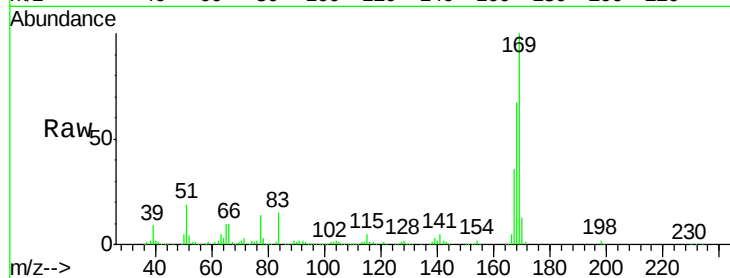




#65
n-Nitrosodiphenylamine
Concen: 46.57 ng
RT: 11.42 min Scan# 852
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

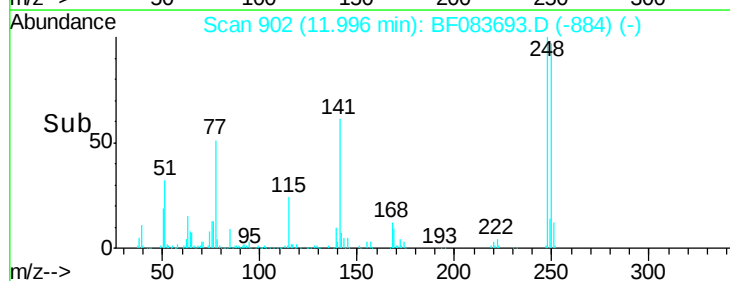
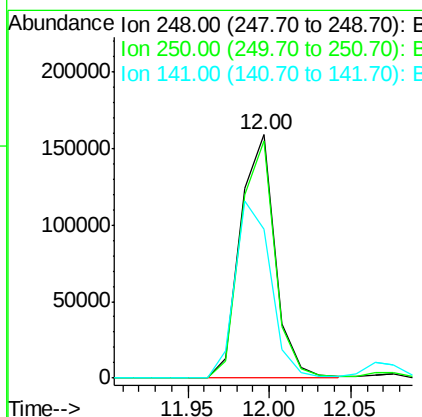
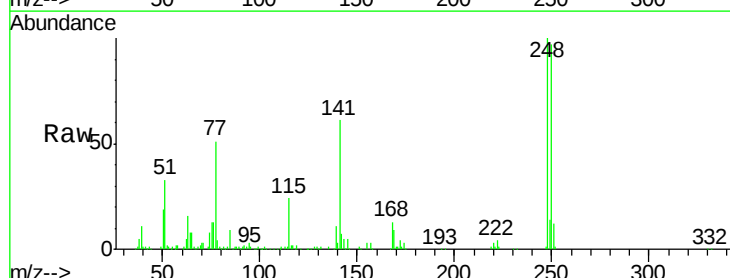
Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

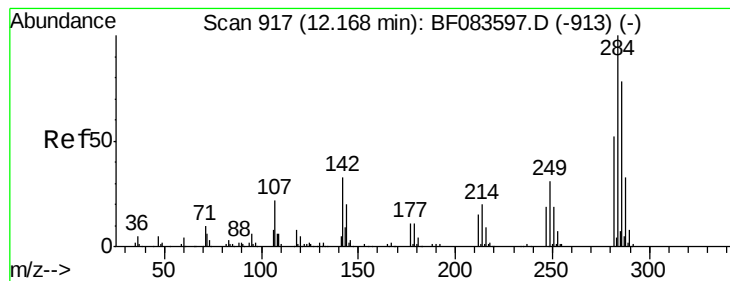
Tgt Ion:169 Resp: 728563
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.4 29.3 43.9



#66
4-Bromophenyl-phenylether
Concen: 44.21 ng
RT: 12.00 min Scan# 902
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion:248 Resp: 233772
Ion Ratio Lower Upper
248 100
250 97.4 79.2 118.8
141 61.4 58.2 87.4





#67

Hexachlorobenzene

Concen: 44.73 ng

RT: 12.08 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

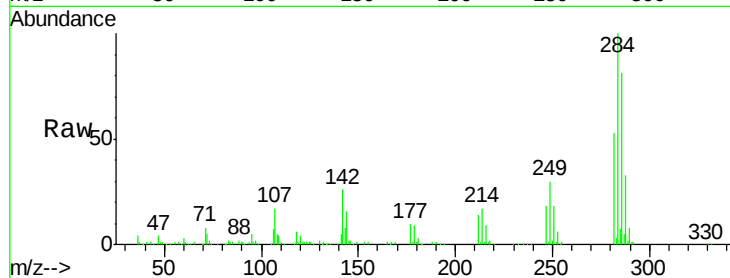
Tgt Ion:284 Resp: 250867

Ion Ratio Lower Upper

284 100

142 25.8 31.0 46.4#

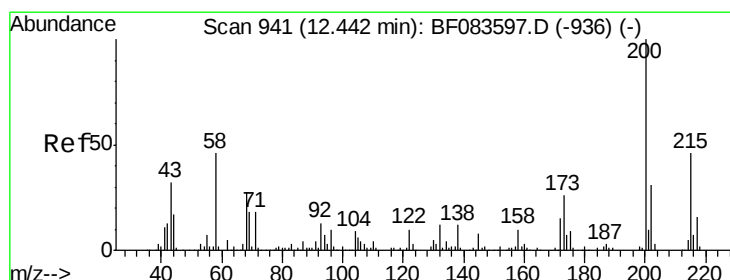
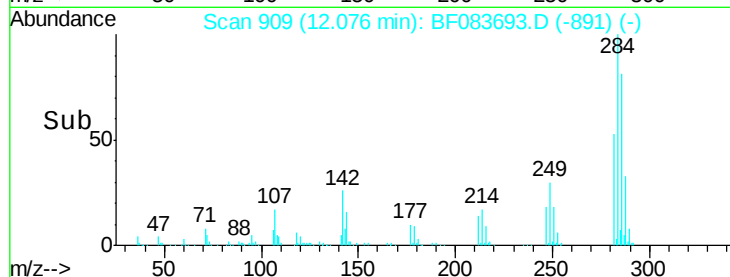
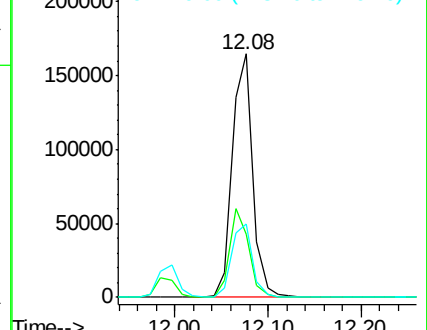
249 30.0 26.9 40.3



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: 50.00 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

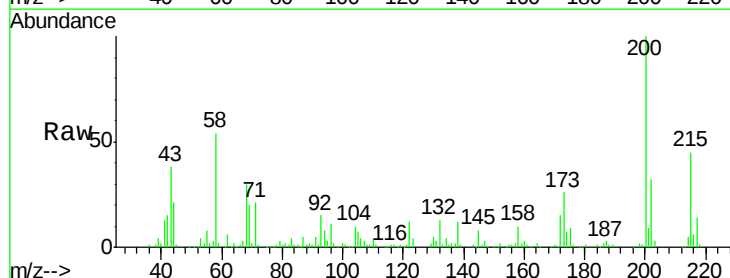
Tgt Ion:200 Resp: 232715

Ion Ratio Lower Upper

200 100

173 25.5 7.8 47.8

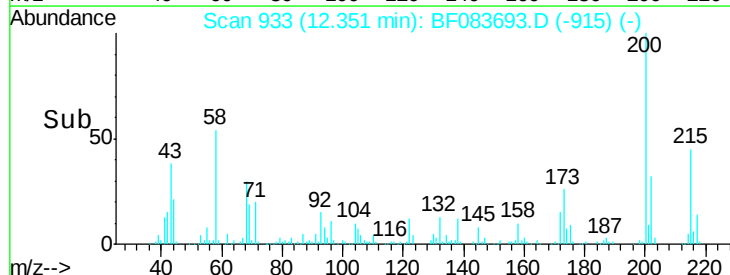
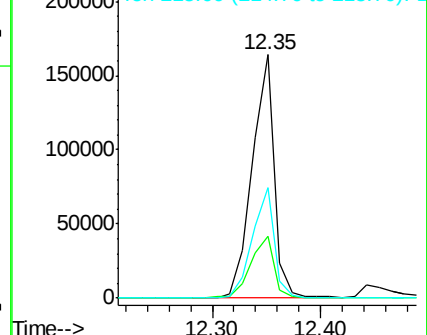
215 45.5 25.7 65.7

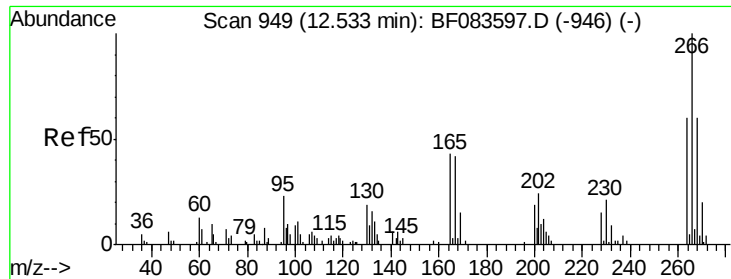


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

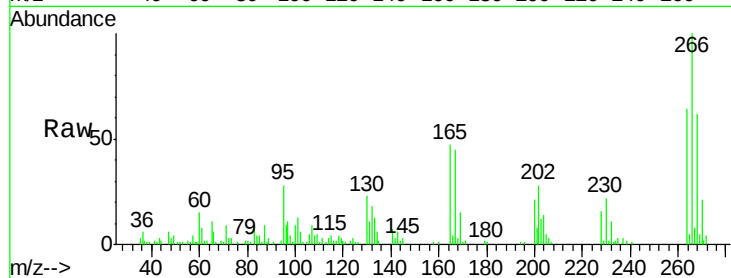




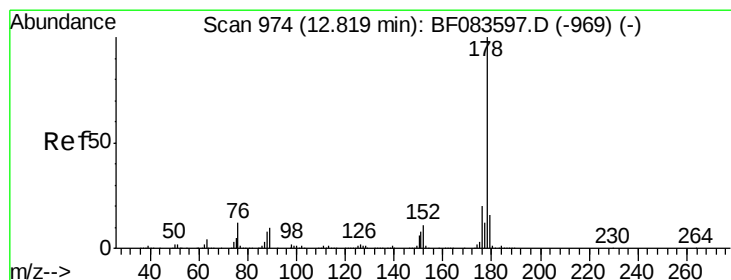
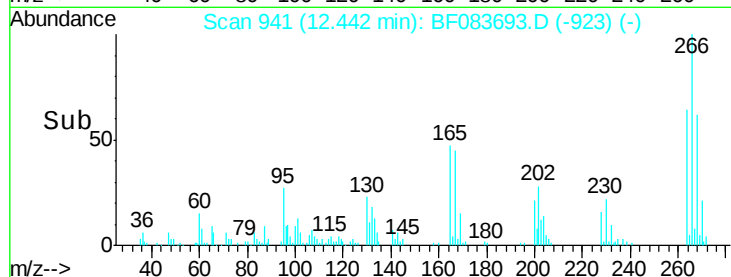
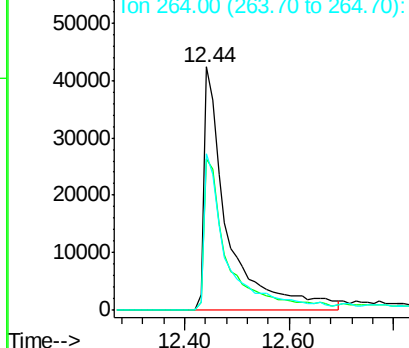
#69
 Pentachlorophenol
 Concen: 86.27 ng
 RT: 12.44 min Scan# 941
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tgt Ion:266 Resp: 133125
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.2 75.2
 264 64.3 51.4 77.2

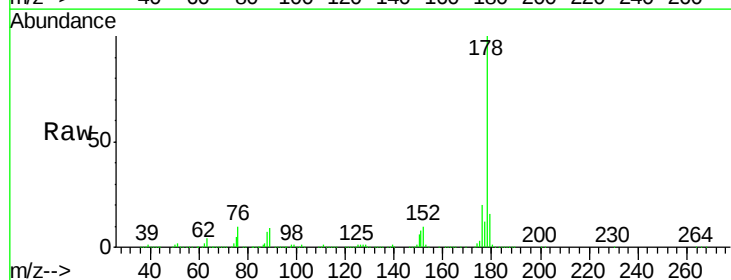


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

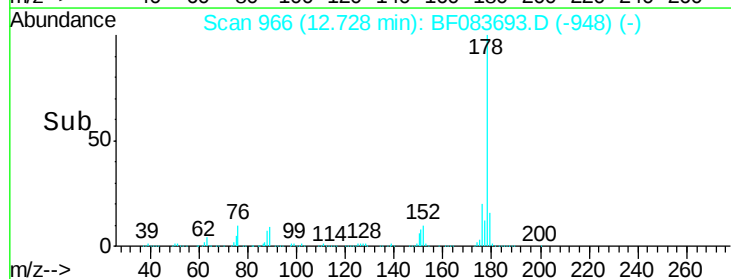
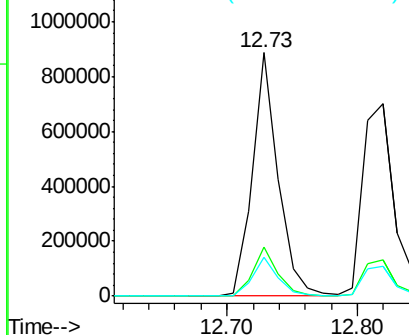


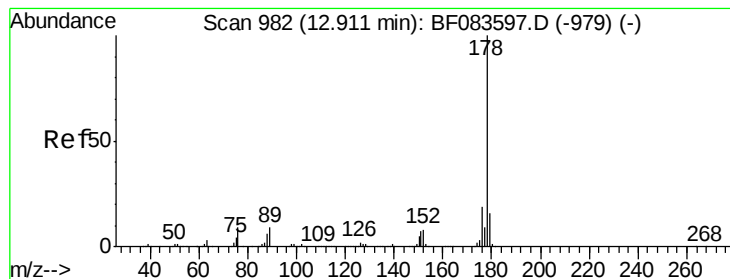
#70
 Phenanthrene
 Concen: 44.76 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.09 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Tgt Ion:178 Resp: 1219021
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.7 23.5
 179 15.9 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: 43.56 ng

RT: 12.82 min Scan# 974

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

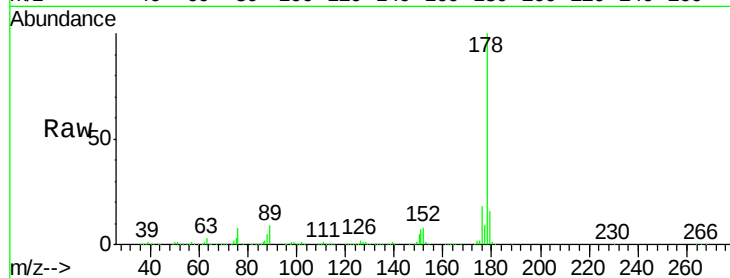
Tgt Ion:178 Resp: 1228932

Ion Ratio Lower Upper

178 100

176 18.5 15.2 22.8

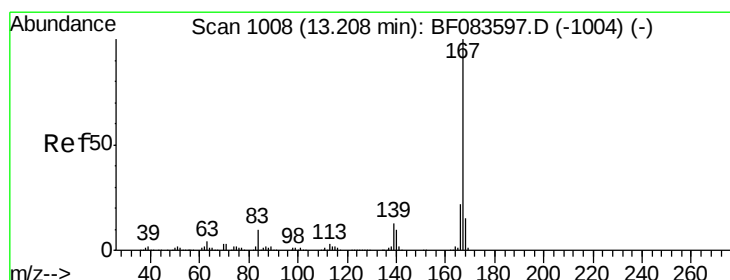
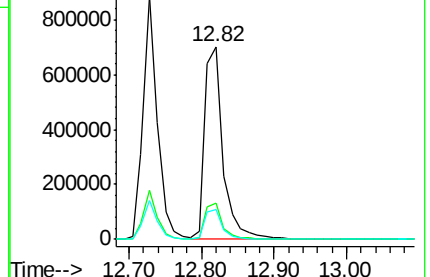
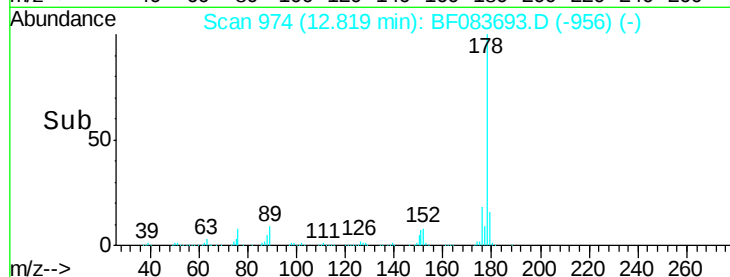
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.81 ng

RT: 13.12 min Scan# 1000

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

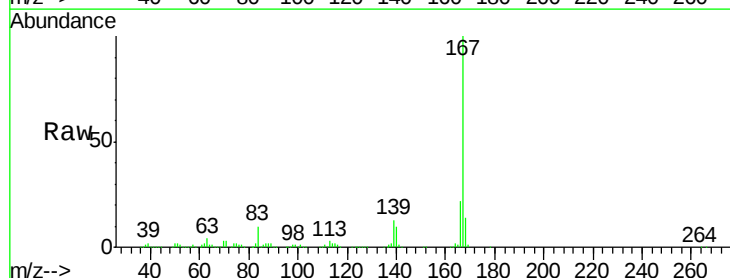
Tgt Ion:167 Resp: 1108386

Ion Ratio Lower Upper

167 100

166 22.1 17.2 25.8

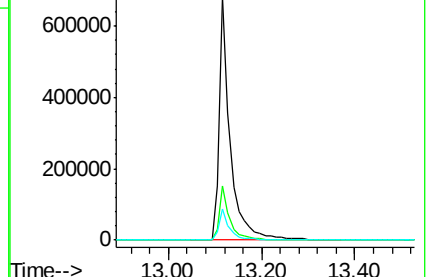
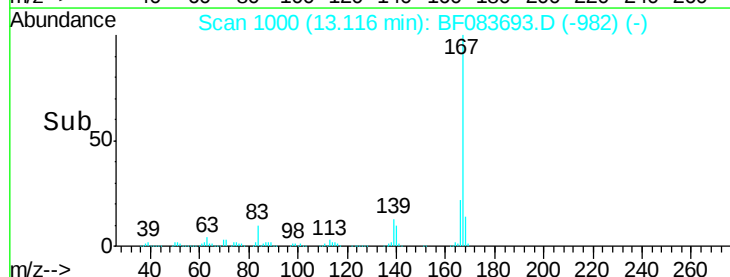
139 12.8 9.3 13.9

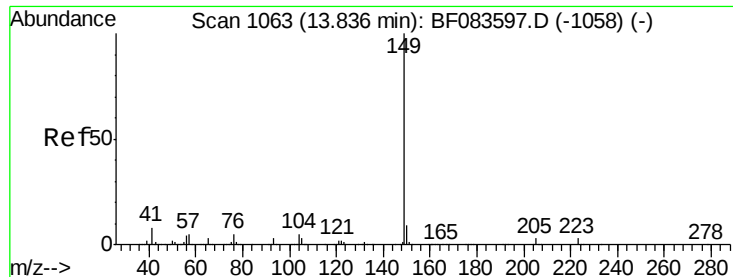


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

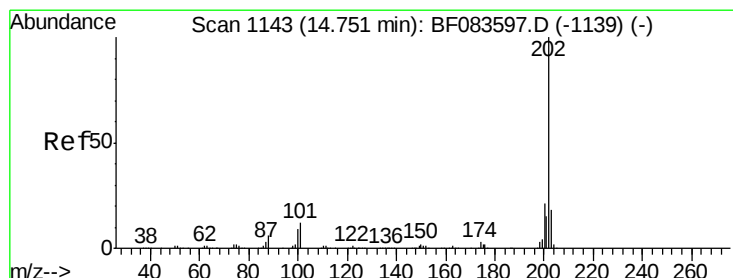
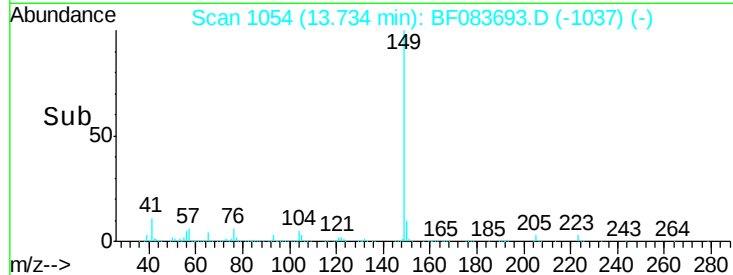
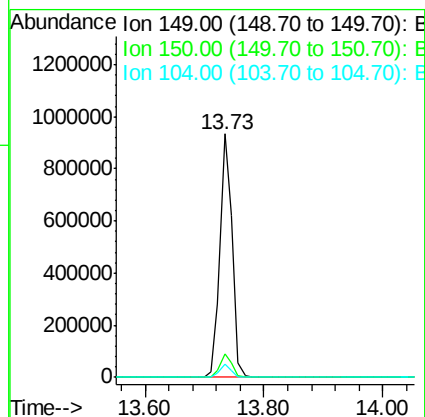
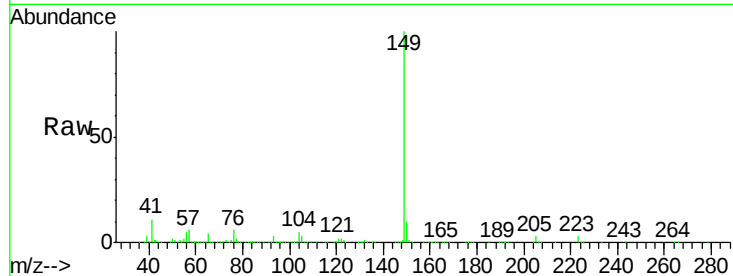




#73
Di-n-butylphthalate
Concen: 43.55 ng
RT: 13.73 min Scan# 1054
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

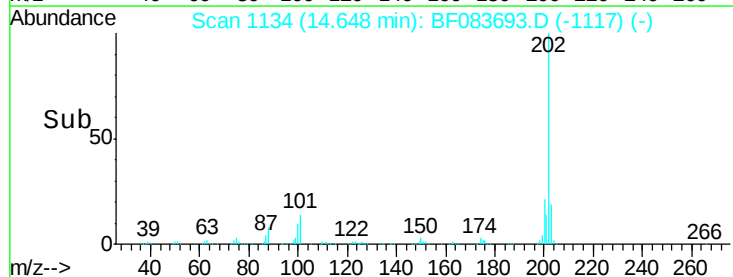
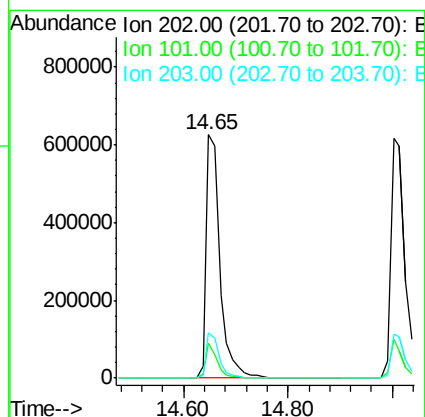
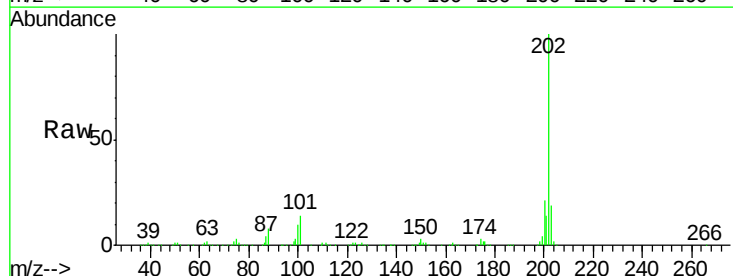
Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

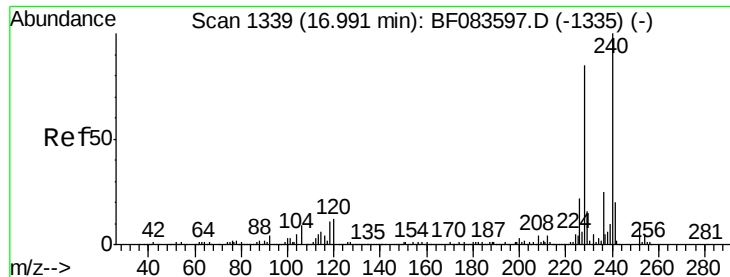
Tgt Ion:149 Resp: 1325049
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.3 3.9 5.9



#74
Fluoranthene
Concen: 41.14 ng
RT: 14.65 min Scan# 1134
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion:202 Resp: 1146200
Ion Ratio Lower Upper
202 100
101 14.1 0.0 31.5
203 18.8 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.91 min Scan# 1332

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

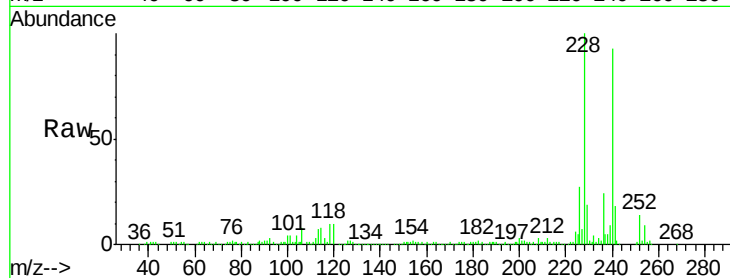
Tgt Ion:240 Resp: 343785

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

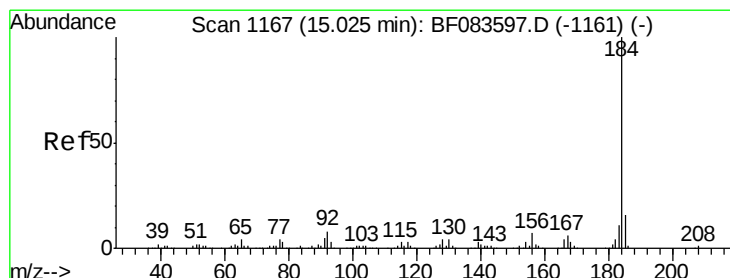
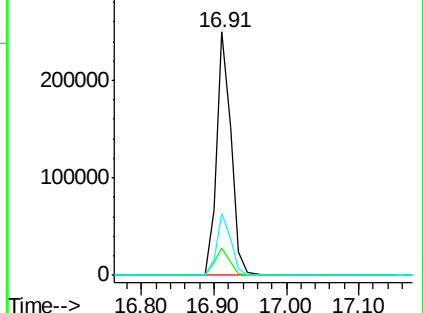
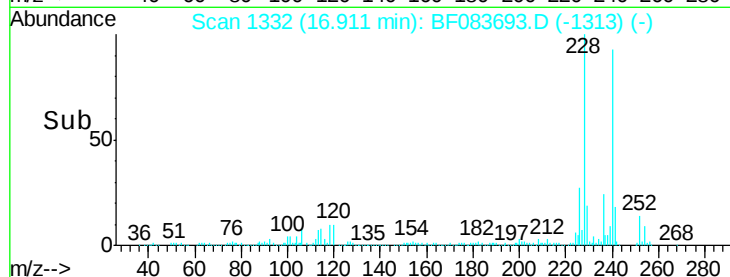
236 25.5 20.8 31.2



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: 27.91 ng

RT: 14.95 min Scan# 1160

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

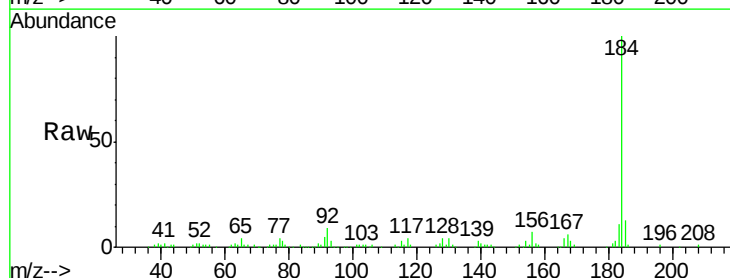
Tgt Ion:184 Resp: 298496

Ion Ratio Lower Upper

184 100

185 13.5 13.0 19.6

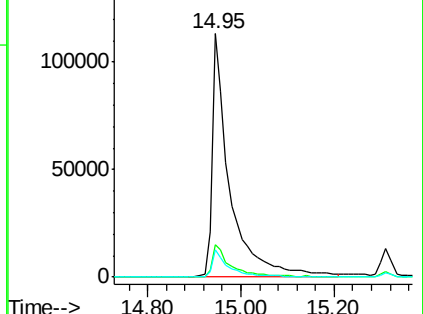
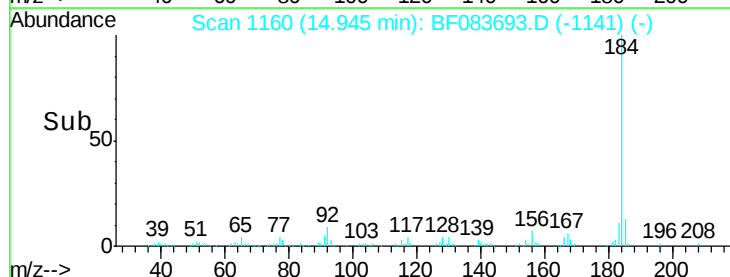
183 11.2 9.0 13.4

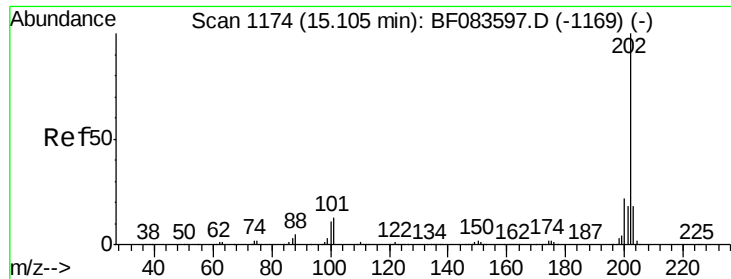


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

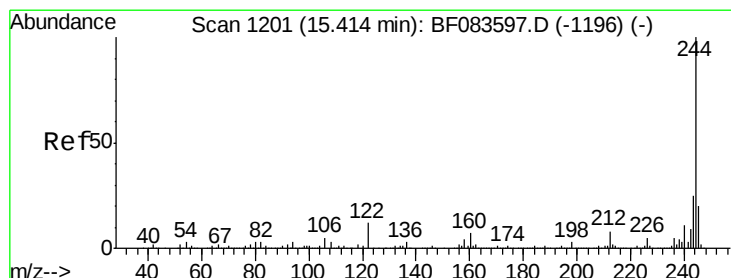
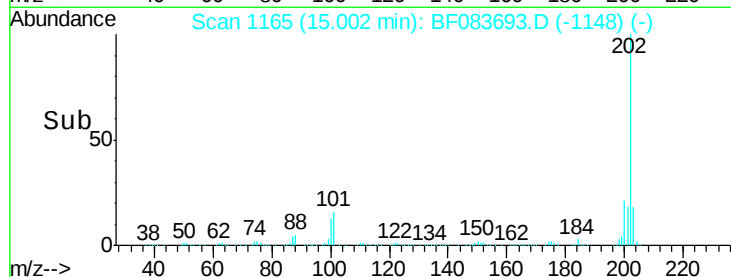
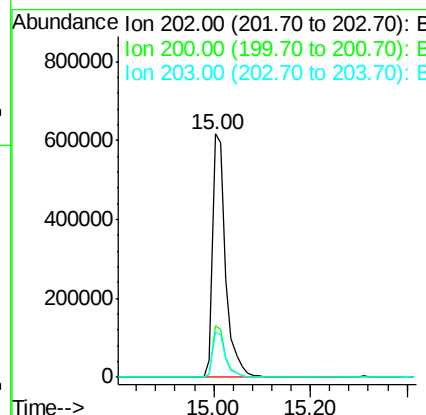
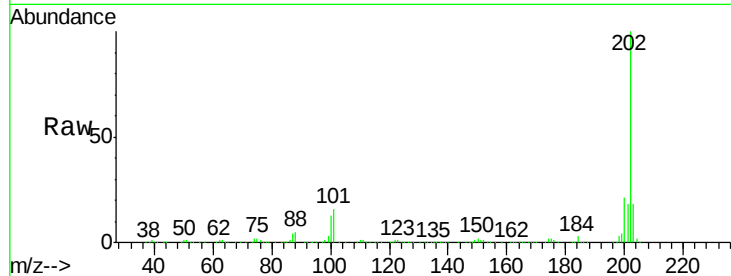




#77
 Pyrene
 Concen: 47.33 ng
 RT: 15.00 min Scan# 1165
 Delta R.T. -0.10 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

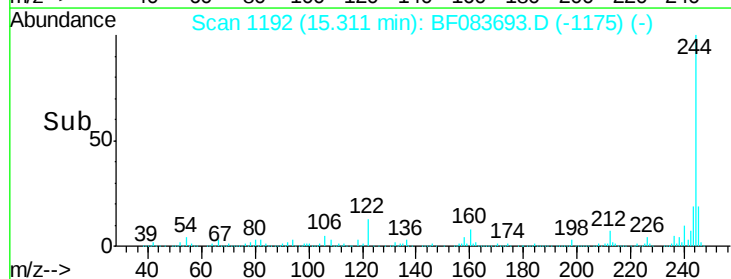
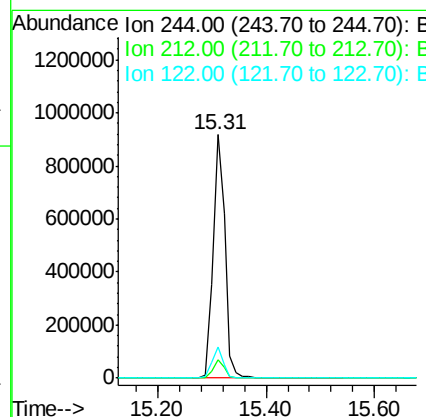
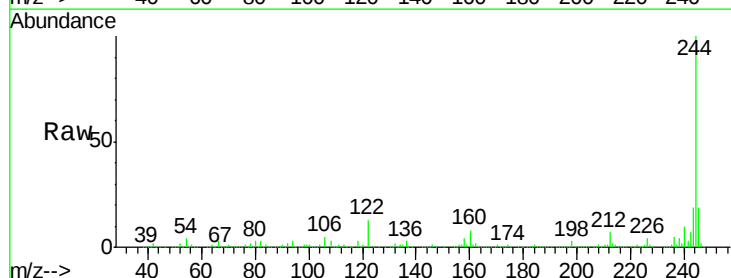
Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

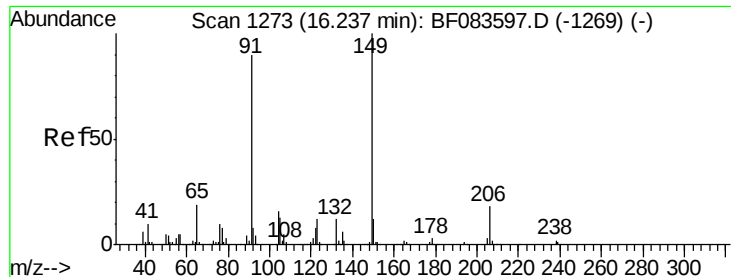
Tgt Ion:202 Resp: 1171340
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.7 25.1
 203 18.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 95.36 ng
 RT: 15.31 min Scan# 1192
 Delta R.T. -0.10 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Tgt Ion:244 Resp: 1393339
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 13.0 11.0 16.6

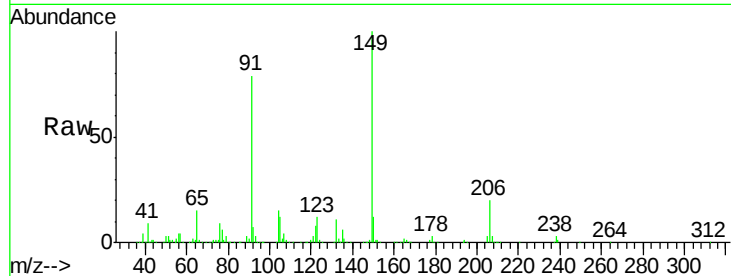




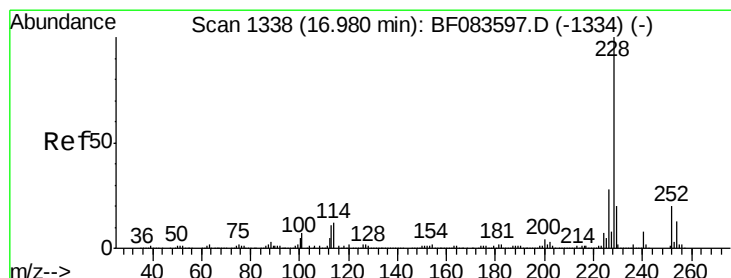
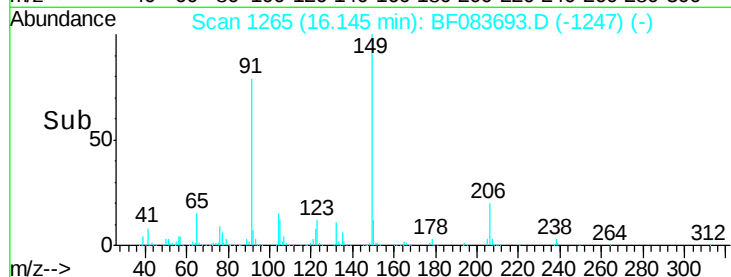
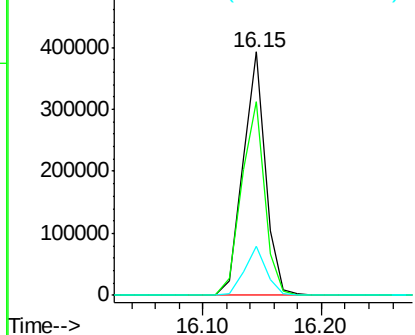
#79
Butylbenzylphthalate
Concen: 47.28 ng
RT: 16.15 min Scan# 1265
Delta R.T. -0.09 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tgt Ion:149 Resp: 519432
Ion Ratio Lower Upper
149 100
91 79.3 60.0 90.0
206 20.0 16.2 24.4

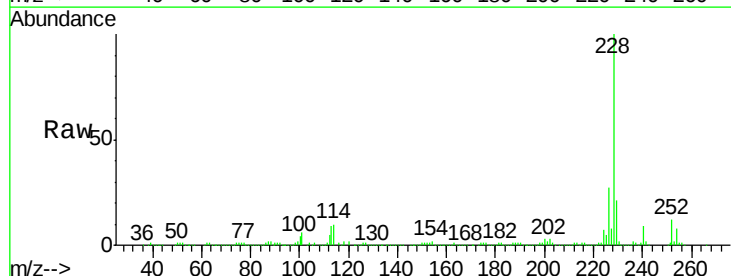


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

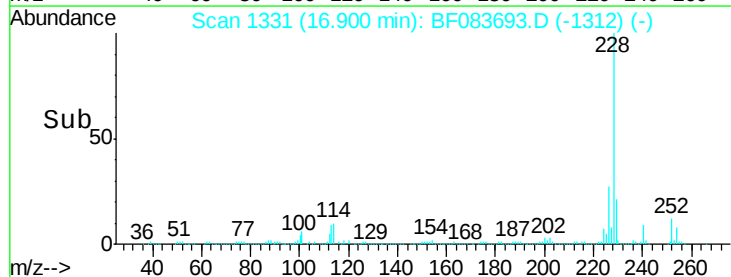
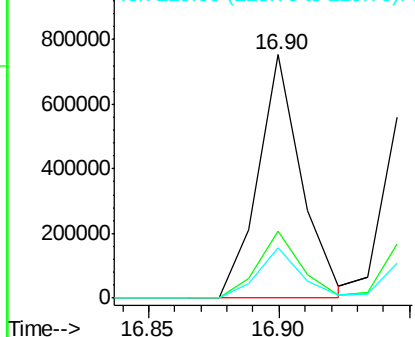


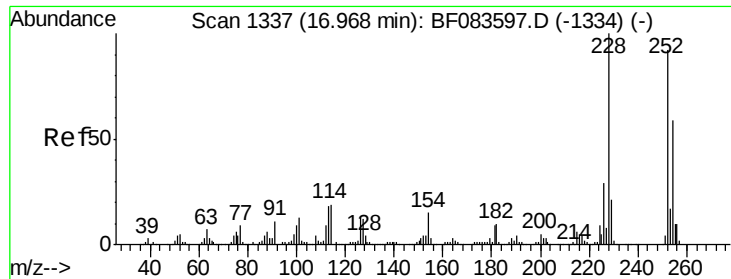
#80
Benzo(a)anthracene
Concen: 43.35 ng
RT: 16.90 min Scan# 1331
Delta R.T. -0.08 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion:228 Resp: 872266
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 20.6 15.7 23.5



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

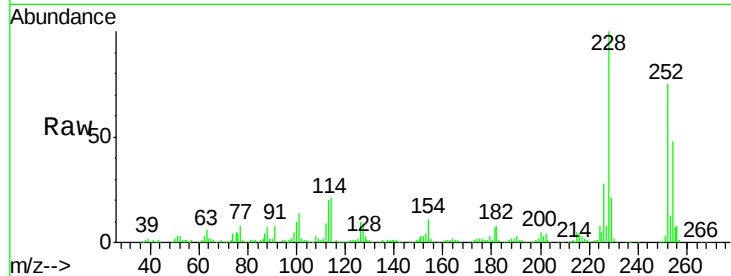




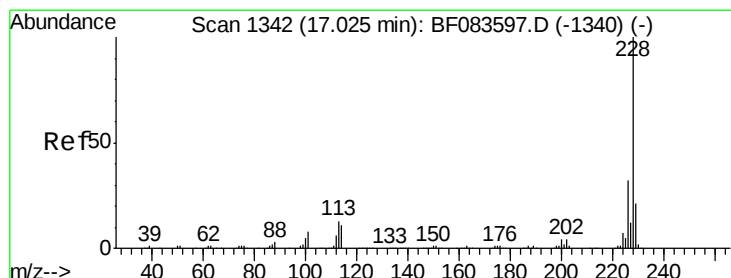
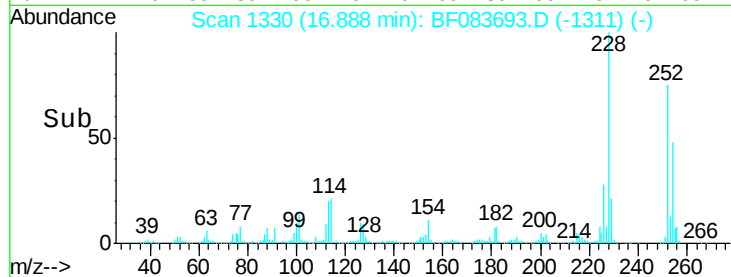
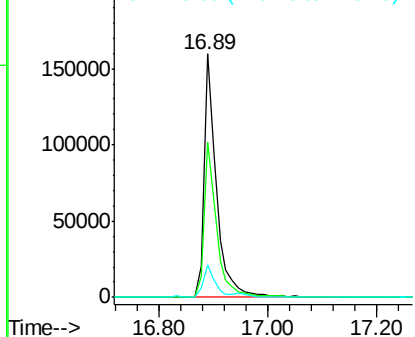
#81
 3,3'-Dichlorobenzidine
 Concen: 36.77 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.08 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMSD

Tgt Ion:252 Resp: 249916
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.6 76.0
 126 13.2 11.0 16.4

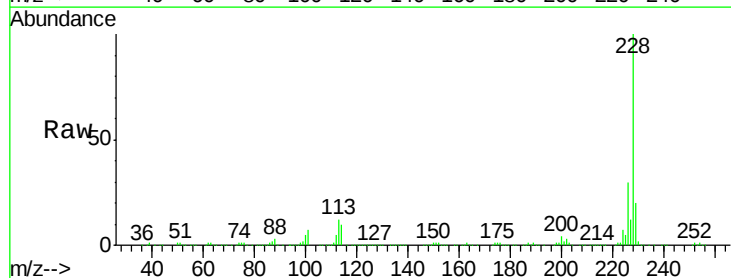


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

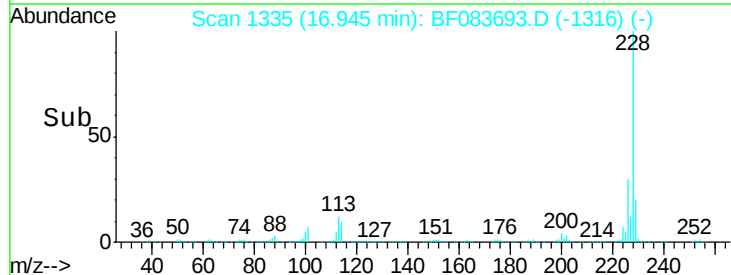
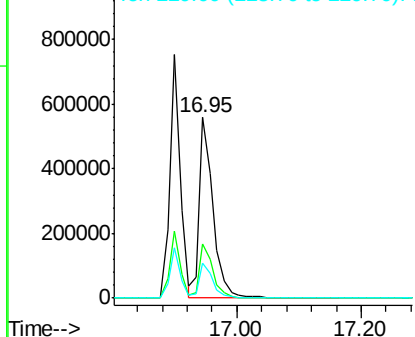


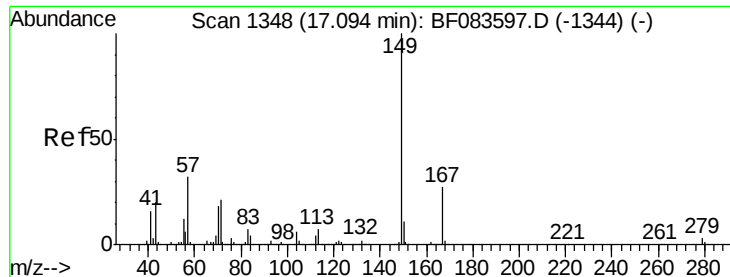
#82
 Chrysene
 Concen: 42.80 ng
 RT: 16.95 min Scan# 1335
 Delta R.T. -0.08 min
 Lab File: BF083693.D
 Acq: 11 Dec 2015 00:03

Tgt Ion:228 Resp: 863401
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.7 37.1
 229 19.7 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: 46.03 ng

RT: 17.00 min Scan# 1340

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

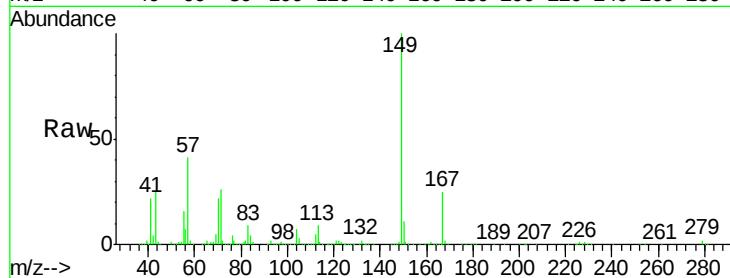
Tgt Ion:149 Resp: 701850

Ion Ratio Lower Upper

149 100

167 24.8 21.8 32.8

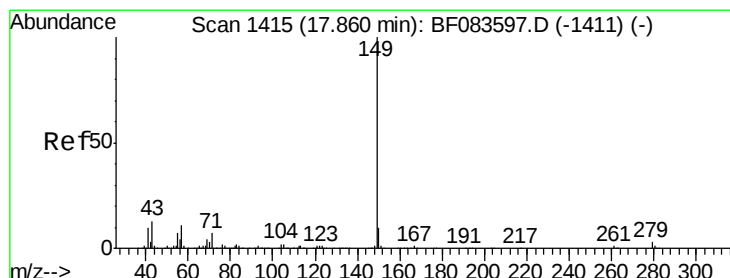
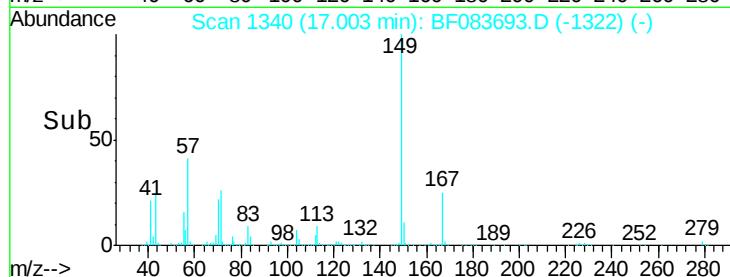
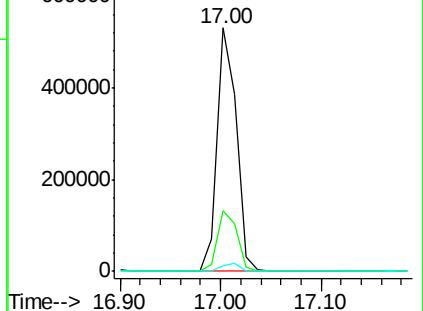
279 2.2 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.82 ng

RT: 17.78 min Scan# 1408

Delta R.T. -0.08 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

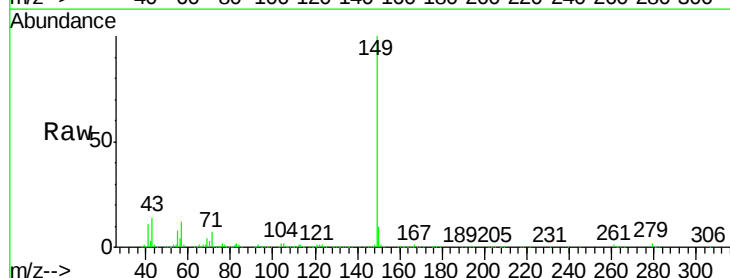
Tgt Ion:149 Resp: 1090965

Ion Ratio Lower Upper

149 100

167 1.7 0.0 0.0#

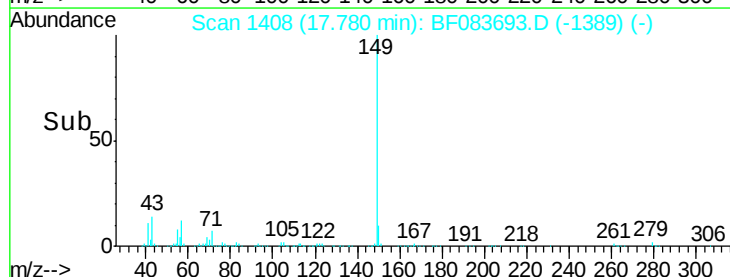
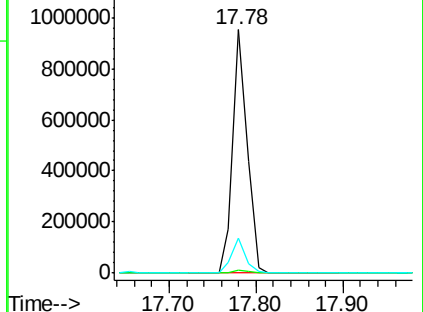
43 13.5 0.0 0.0#

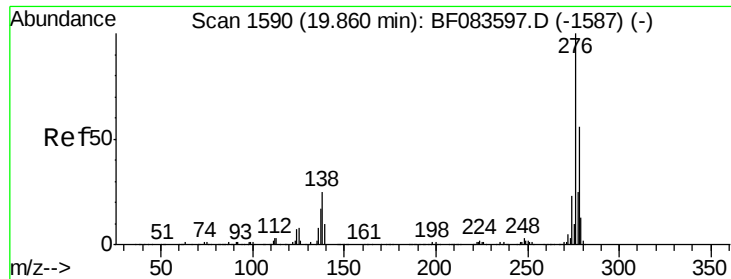


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 57.82 ng

RT: 19.77 min Scan# 1582

Delta R.T. -0.09 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

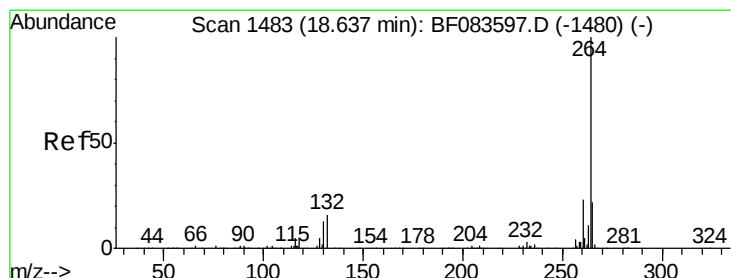
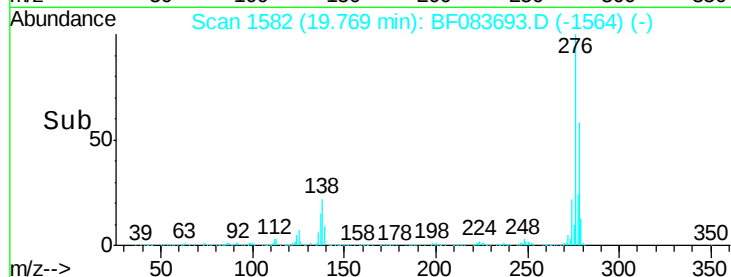
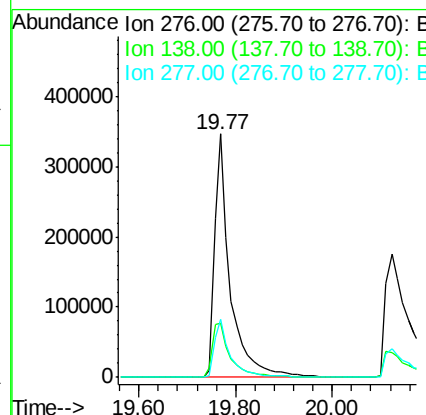
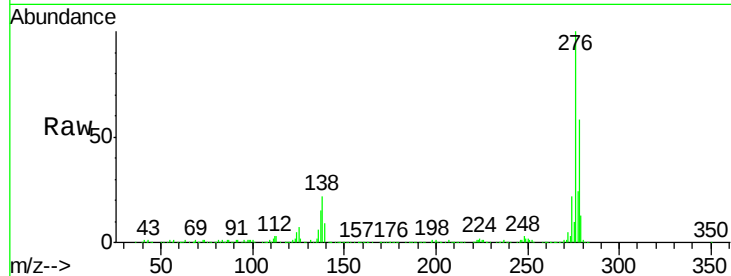
Tgt Ion:276 Resp: 787260

Ion Ratio Lower Upper

276 100

138 26.2 0.0 0.0#

277 24.8 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.57 min Scan# 1477

Delta R.T. -0.07 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

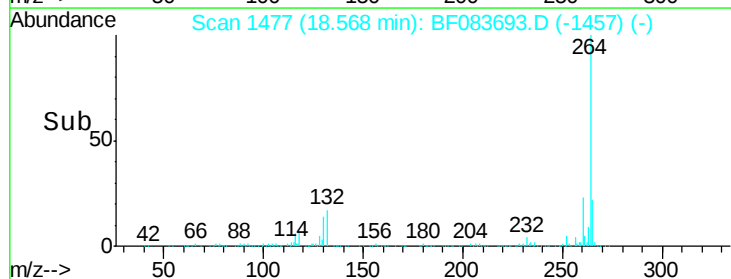
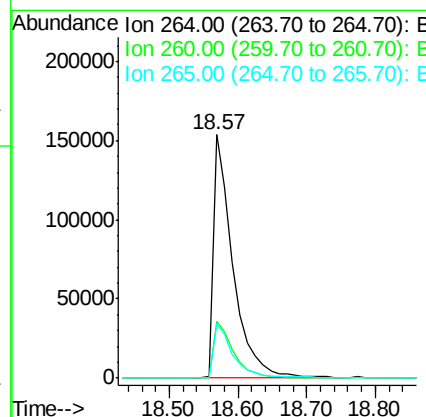
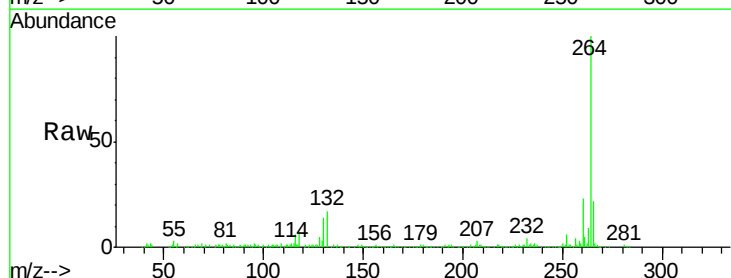
Tgt Ion:264 Resp: 308917

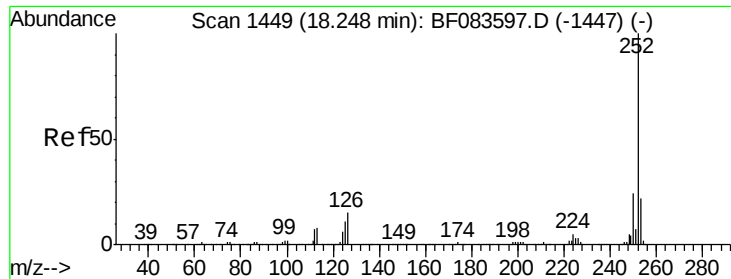
Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 22.3 17.8 26.6

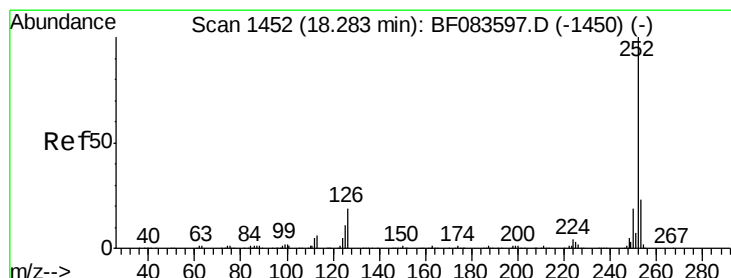
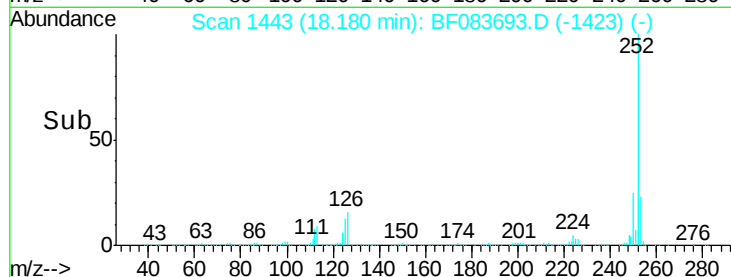
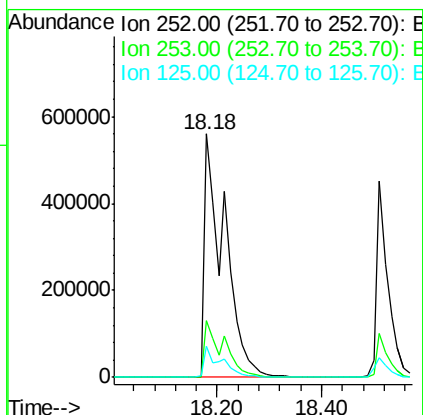
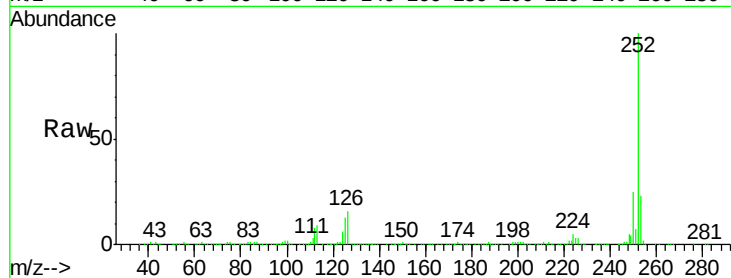




#87
Benzo(b)fluoranthene
Concen: 85.04 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.07 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

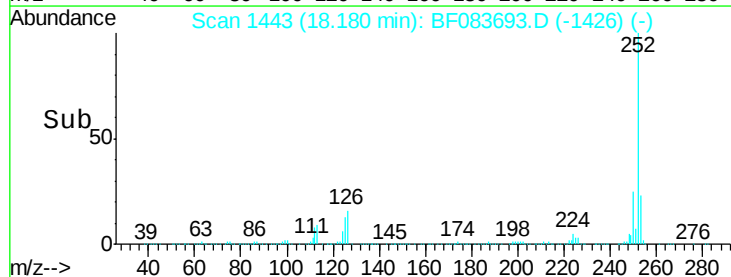
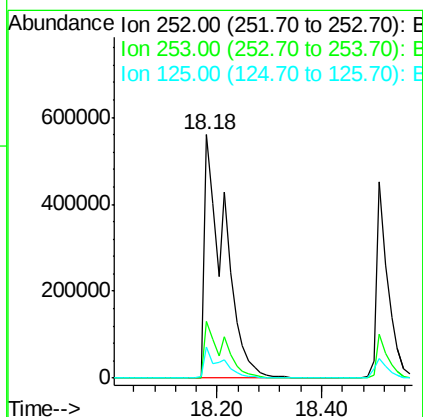
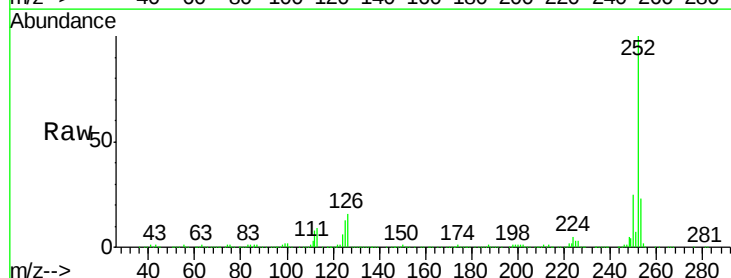
Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

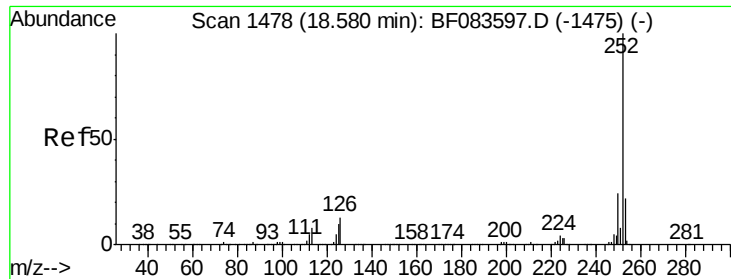
Tgt Ion:252 Resp: 1495903
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 12.7 8.2 12.4#



#88
Benzo(k)fluoranthene
Concen: 77.18 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.10 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion:252 Resp: 1495903
Ion Ratio Lower Upper
252 100
253 23.3 18.6 27.8
125 12.7 11.5 17.3

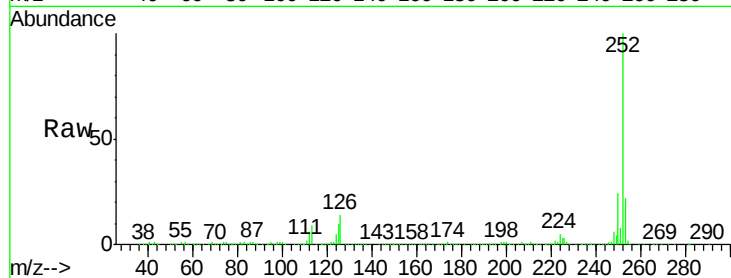




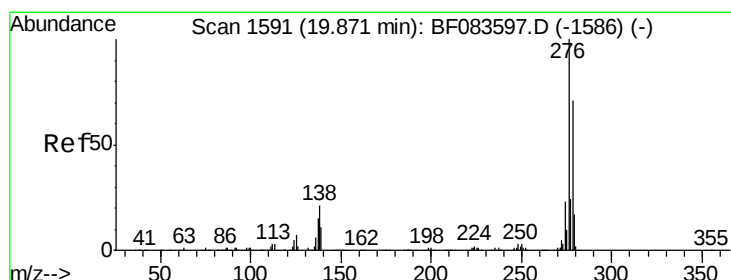
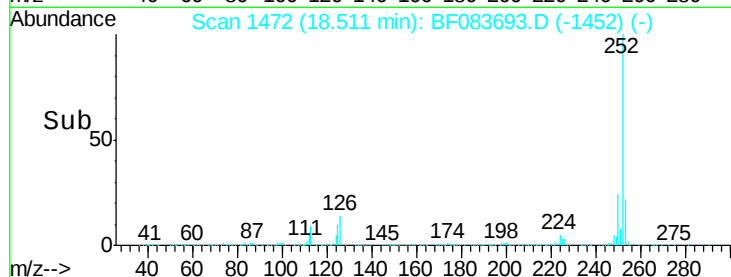
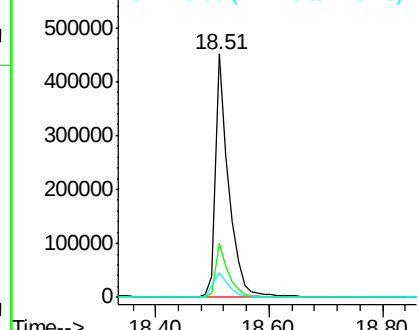
#89
Benzo(a)pyrene
Concen: 40.68 ng
RT: 18.51 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Instrument :
BNA_F
ClientSampleId :
A8-4CMSD

Tgt Ion:252 Resp: 698292
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.1 11.0 16.6#

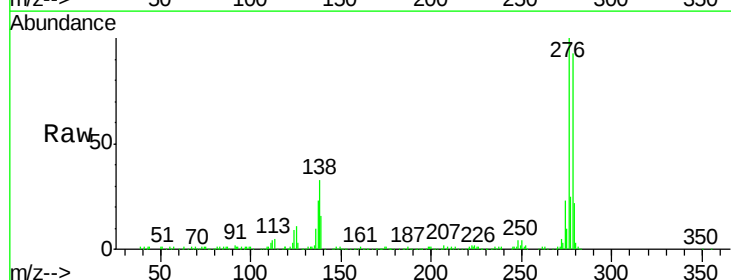


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

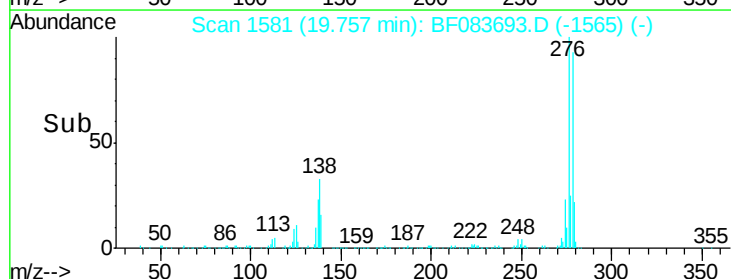
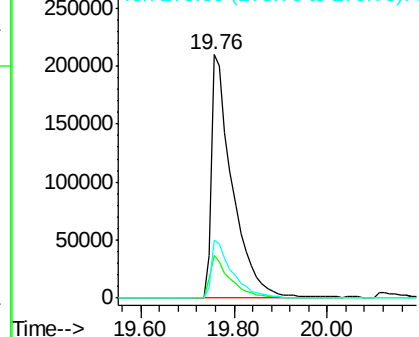


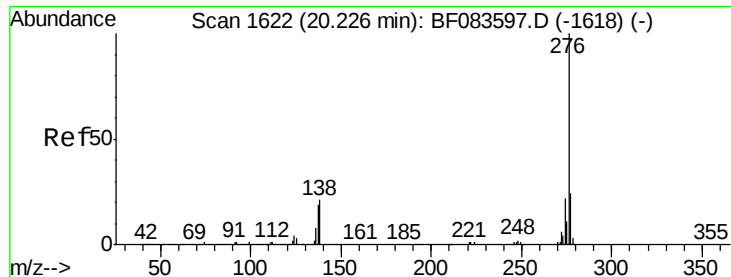
#90
Dibenzo(a,h)anthracene
Concen: 50.63 ng
RT: 19.76 min Scan# 1581
Delta R.T. -0.11 min
Lab File: BF083693.D
Acq: 11 Dec 2015 00:03

Tgt Ion:278 Resp: 664540
Ion Ratio Lower Upper
278 100
139 17.3 12.8 19.2
279 24.0 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.20 ng

RT: 20.12 min Scan# 1613

Delta R.T. -0.10 min

Lab File: BF083693.D

Acq: 11 Dec 2015 00:03

Instrument :

BNA_F

ClientSampleId :

A8-4CMSD

Tgt Ion: 276 Resp: 642445

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 20.5 19.5 29.3

