

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085577.D
 Acq On : 19 Mar 2016 17:13
 Operator : UM/SJ
 Sample : H1788-01MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Quant Time: Mar 20 23:59:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	69625	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	286398	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	128034	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	243205	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	196322	20.00	ng	0.00
86) Perylene-d12	15.43	264	131346	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1048311	252.90	ng	0.01
7) Phenol-d6	6.49	99	1357380	255.32	ng	0.00
23) Nitrobenzene-d5	7.42	82	895417	181.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	359012	286.25	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1447671	-20.00	ng	-0.01
78) Terphenyl-d14	12.96	244	1323906	162.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	156788	77.81	ng	100
3) Pyridine	3.26	79	356927	72.14	ng	98
4) n-Nitrosodimethylamine	3.21	42	184784	89.46	ng	94
6) Aniline	6.52	93	430854	60.34	ng	# 89
8) 2-Chlorophenol	6.64	128	442319	92.24	ng	98
9) Benzaldehyde	6.40	77	89690	34.63	ng	91
10) Phenol	6.50	94	457309	75.52	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	428633	93.89	ng	99
12) 1,3-Dichlorobenzene	7.03	146	422007	80.76	ng	99
13) 1,4-Dichlorobenzene	6.87	146	448767	84.20	ng	97
14) 1,2-Dichlorobenzene	7.03	146	422412	89.26	ng	97
15) Benzyl Alcohol	7.00	79	341636	93.82	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	517993	86.28	ng	98
17) 2-Methylphenol	7.11	107	367685	92.50	ng	99
18) Hexachloroethane	7.36	117	167538	87.05	ng	# 82
19) n-Nitroso-di-n-propylamine	7.28	70	293727	92.49	ng	96
20) 3+4-Methylphenols	7.27	107	407360	88.48	ng	# 90
22) Acetophenone	7.27	105	537339	79.06	ng	# 99
24) Nitrobenzene	7.44	77	472010	87.40	ng	95
25) Isophorone	7.68	82	850908	86.14	ng	97
26) 2-Nitrophenol	7.76	139	253756	95.07	ng	# 89
27) 2,4-Dimethylphenol	7.80	122	375175	79.48	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	511352	91.00	ng	99
29) 2,4-Dichlorophenol	8.00	162	370173	94.97	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	371415	85.07	ng	97
31) Naphthalene	8.16	128	1200919	83.07	ng	100
32) Benzoic acid	7.90	122	98425	24.94	ng	89
33) 4-Chloroaniline	8.21	127	197480	33.33	ng	# 94
34) Hexachlorobutadiene	8.28	225	189276	81.34	ng	99
35) Caprolactam	8.58	113	61934	46.18	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	387799	85.19	ng	99
37) 2-Methylnaphthalene	8.86	142	841368	95.48	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	306844	79.01	ng	98
40) Hexachlorocyclopentadiene	9.01	237	328029	187.40	ng	99

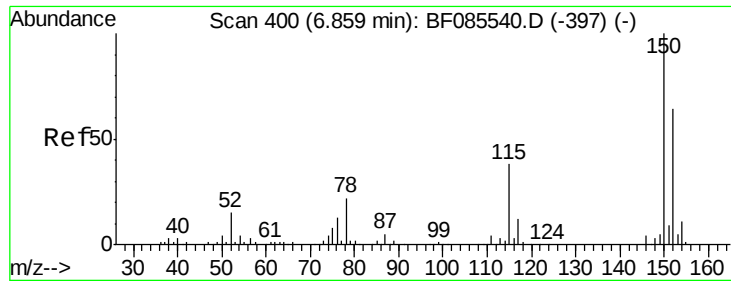
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085577.D
 Acq On : 19 Mar 2016 17:13
 Operator : UM/SJ
 Sample : H1788-01MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Quant Time: Mar 20 23:59:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	253396	95.31	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	265790	98.24	ng	# 93
45) 1,1'-Biphenyl	9.32	154	863831	78.21	ng	98
46) 2-Chloronaphthalene	9.34	162	700513	86.83	ng	92
47) 2-Nitroaniline	9.44	65	255495	104.68	ng	92
48) Acenaphthylene	9.76	152	1226245	93.92	ng	99
49) Dimethylphthalate	9.62	163	1065904	110.32	ng	100
50) 2,6-Dinitrotoluene	9.68	165	177728	87.13	ng	96
51) Acenaphthene	9.93	154	811838	99.08	ng	99
52) 3-Nitroaniline	9.85	138	171182	67.01	ng	88
53) 2,4-Dinitrophenol	9.96	184	160591	128.52	ng	95
54) Dibenzofuran	10.10	168	1045664	104.80	ng	98
55) 4-Nitrophenol	10.02	139	372372	188.61	ng	89
56) 2,4-Dinitrotoluene	10.09	165	274925	102.95	ng	95
57) Fluorene	10.45	166	783414	94.21	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	198551	101.92	ng	98
59) Diethylphthalate	10.32	149	827543	86.15	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	370146	91.15	ng	92
61) 4-Nitroaniline	10.47	138	222974	88.55	ng	94
62) Azobenzene	10.60	77	918731	99.67	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	125659	80.74	ng	94
65) n-Nitrosodiphenylamine	10.56	169	706962	93.32	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	236636	97.40	ng	# 90
67) Hexachlorobenzene	11.00	284	248977	96.46	ng	# 89
68) Atrazine	11.09	200	250432	108.58	ng	99
69) Pentachlorophenol	11.19	266	264405	168.72	ng	99
70) Phenanthrene	11.41	178	1212519	94.55	ng	99
71) Anthracene	11.45	178	1083384	80.57	ng	99
72) Carbazole	11.61	167	1135851	97.92	ng	99
73) Di-n-butylphthalate	11.95	149	1322119	91.02	ng	99
74) Fluoranthene	12.59	202	1076291	80.16	ng	98
76) Benzidine	12.71	184	254063	38.48	ng	98
77) Pyrene	12.81	202	1106887	78.52	ng	99
79) Butylbenzylphthalate	13.43	149	521247	77.58	ng	# 73
80) Benzo(a)anthracene	14.00	228	988034	86.69	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	199888	47.86	ng	# 96
82) Chrysene	14.04	228	768321	70.07	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	653118	78.24	ng	# 98
84) Di-n-octyl phthalate	14.61	149	1195106	87.85	ng	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	712007	77.71	ng	99
87) Benzo(b)fluoranthene	15.03	252	1546259	180.42	ng	98
88) Benzo(k)fluoranthene	15.03	252	1547242	219.13	ng	98
89) Benzo(a)pyrene	15.39	252	724140	99.67	ng	# 96
90) Dibenzo(a,h)anthracene	16.85	278	587329	96.92	ng	98
91) Benzo(g,h,i)perylene	17.26	276	589019	100.42	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

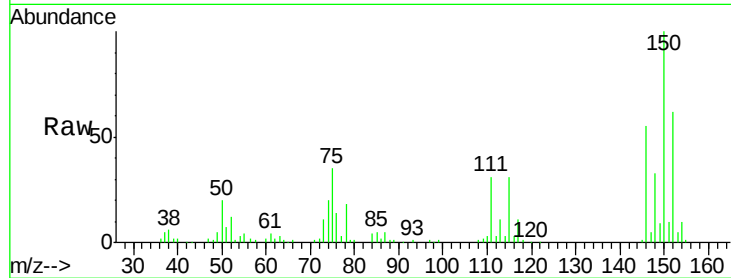
Tgt Ion:152 Resp: 69625

Ion Ratio Lower Upper

152 100

150 160.4 124.2 186.2

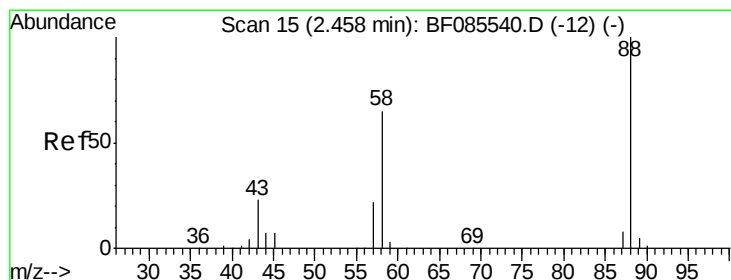
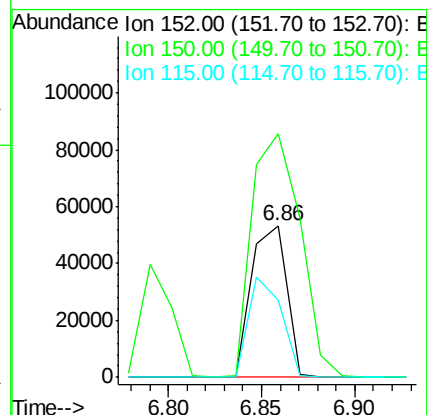
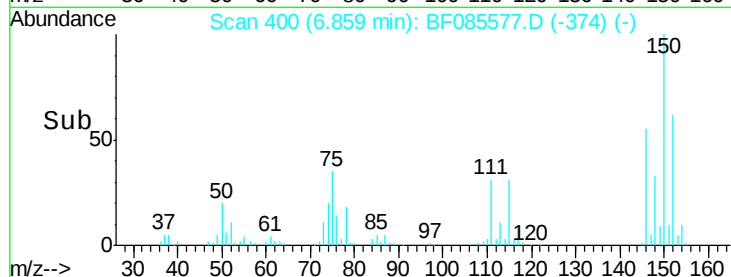
115 50.5 47.0 70.6



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: 77.81 ng

RT: 2.54 min Scan# 22

Delta R.T. 0.08 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

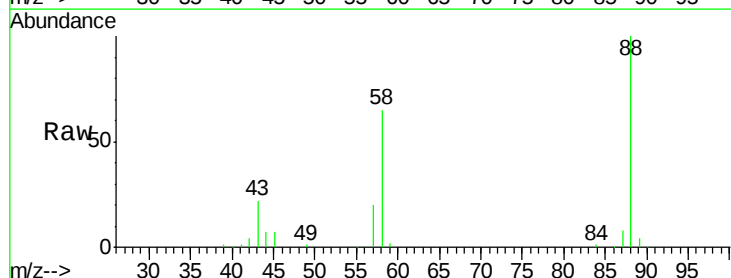
Tgt Ion: 88 Resp: 156788

Ion Ratio Lower Upper

88 100

58 67.8 54.2 81.2

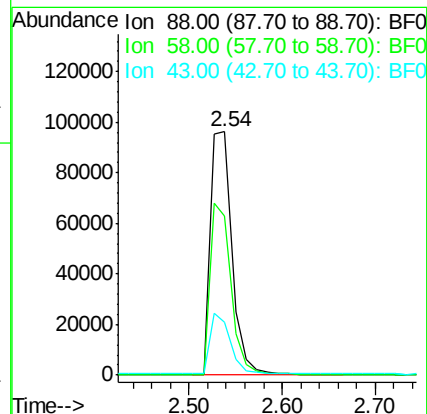
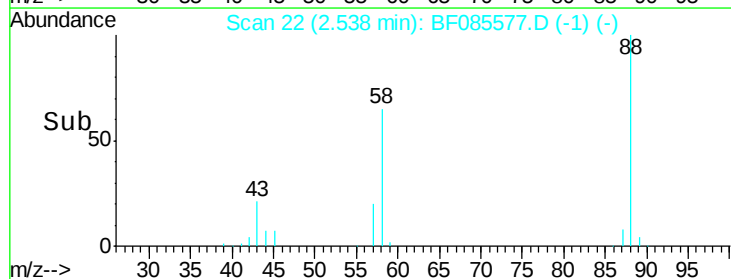
43 23.6 19.3 28.9

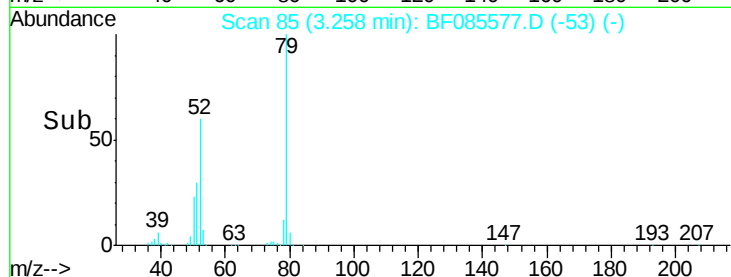
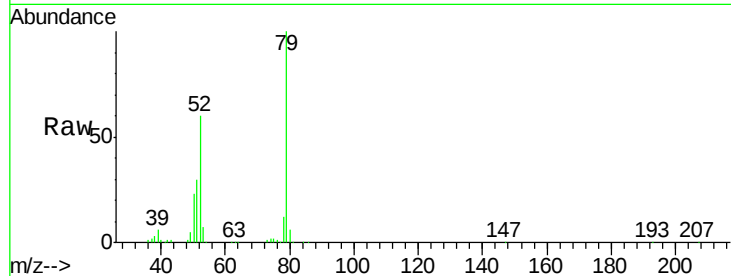
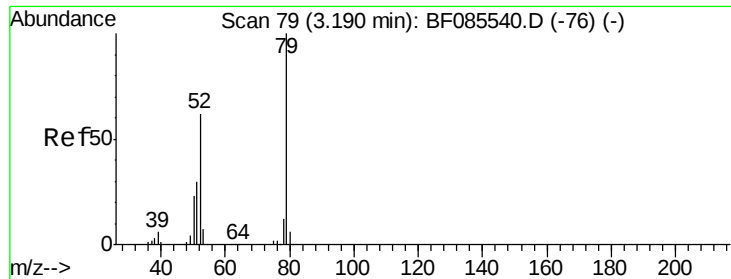


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

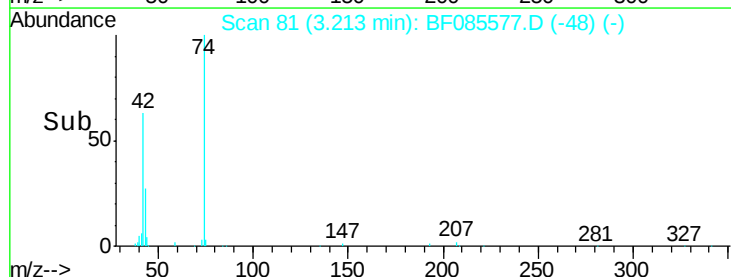
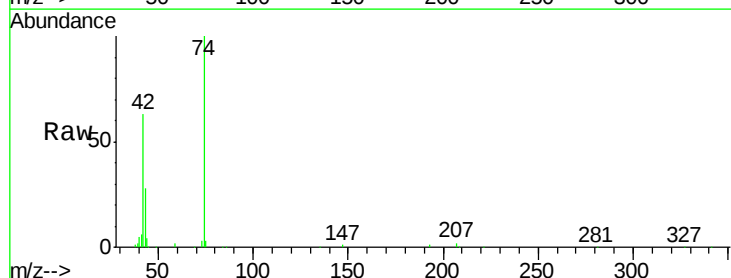
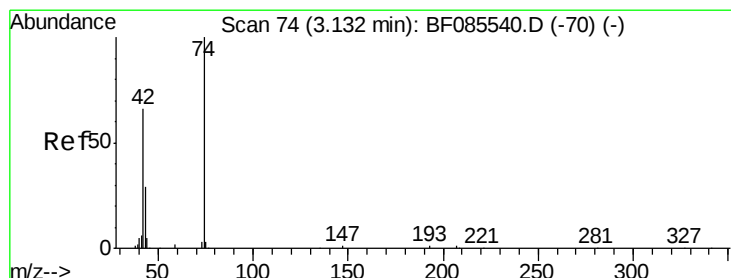
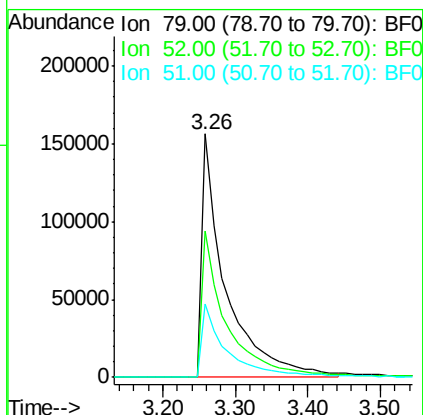




#3
 Pyridine
 Concen: 72.14 ng
 RT: 3.26 min Scan# 85
 Delta R.T. 0.07 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

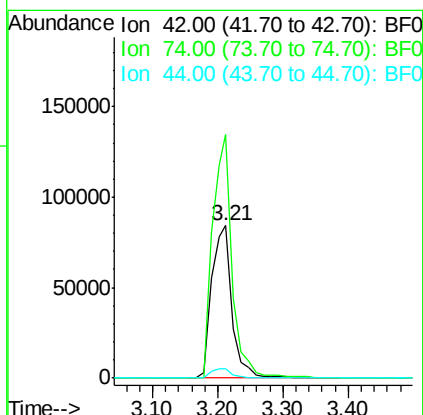
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

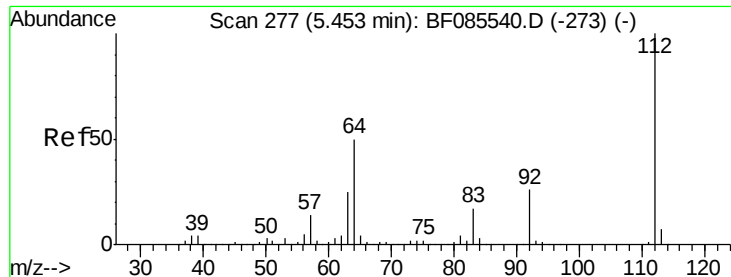
Tgt Ion: 79 Resp: 356927
 Ion Ratio Lower Upper
 79 100
 52 60.2 49.8 74.6
 51 30.1 24.7 37.1



#4
 n-Nitrosodimethylamine
 Concen: 89.46 ng
 RT: 3.21 min Scan# 81
 Delta R.T. 0.08 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion: 42 Resp: 184784
 Ion Ratio Lower Upper
 42 100
 74 159.9 121.4 182.2
 44 6.6 5.6 8.4





#5

2-Fluorophenol

Concen: 252.90 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

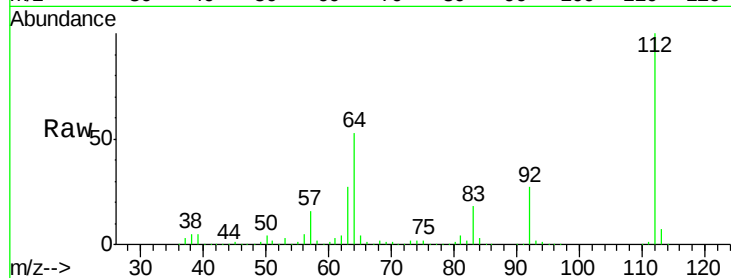
Tgt Ion: 112 Resp: 1048311

Ion Ratio Lower Upper

112 100

64 53.5 39.9 59.9

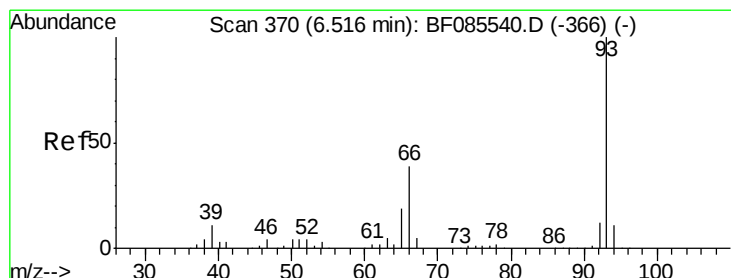
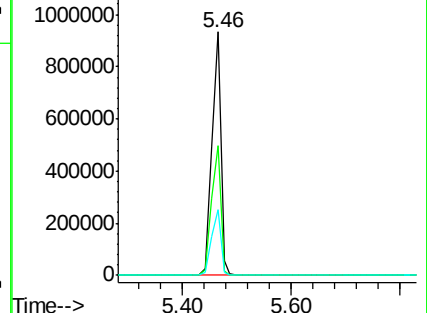
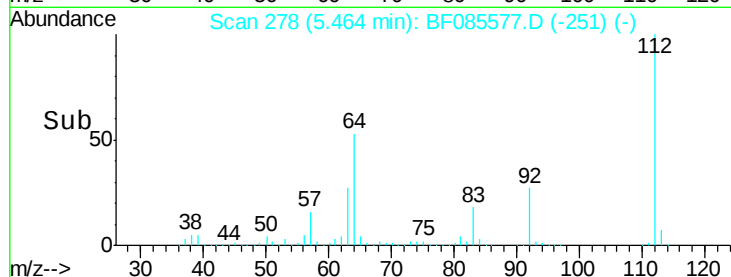
63 27.2 20.2 30.2



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: 60.34 ng

RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

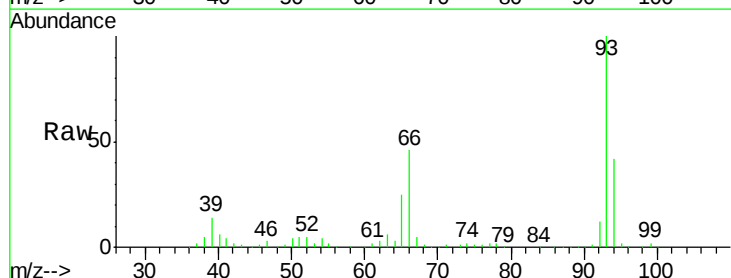
Tgt Ion: 93 Resp: 430854

Ion Ratio Lower Upper

93 100

66 45.9 31.4 47.2

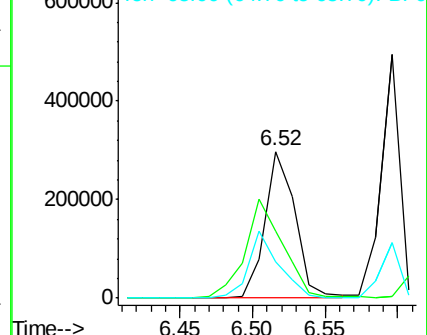
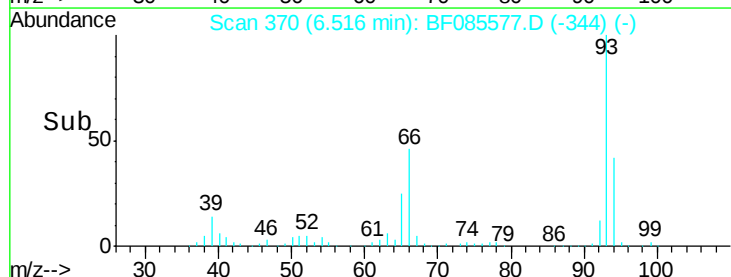
65 24.5 15.7 23.5#

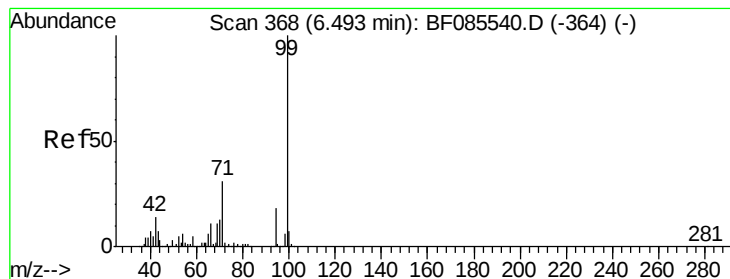


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 255.32 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

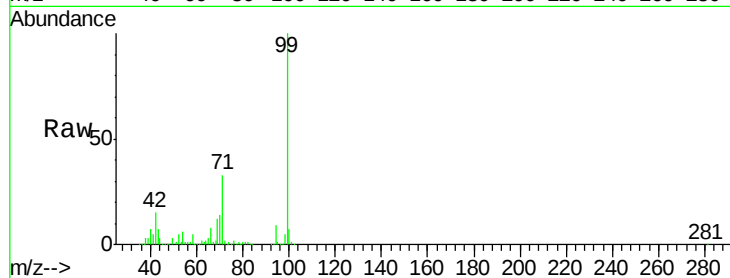
Tgt Ion: 99 Resp: 1357380

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

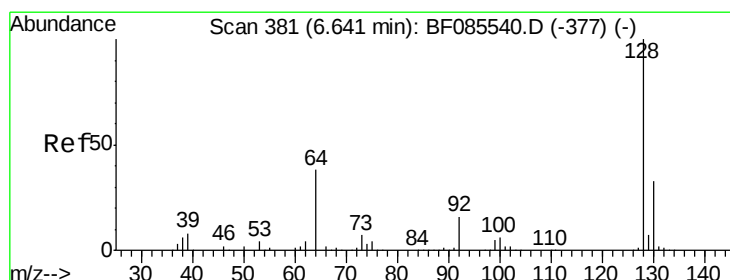
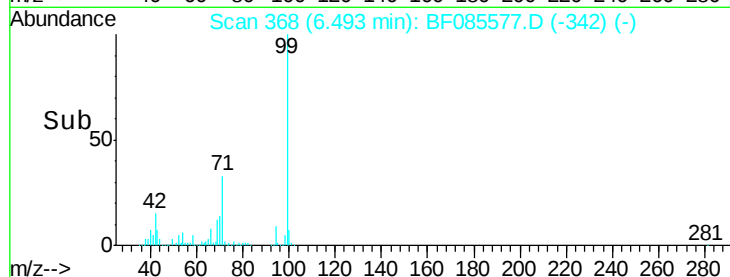
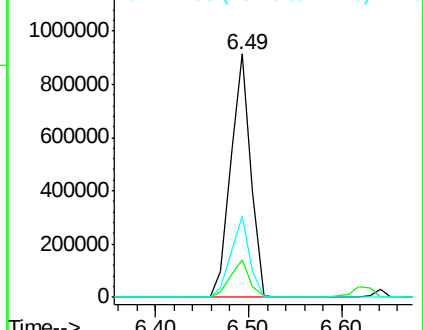
71 33.1 24.9 37.3



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: 92.24 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

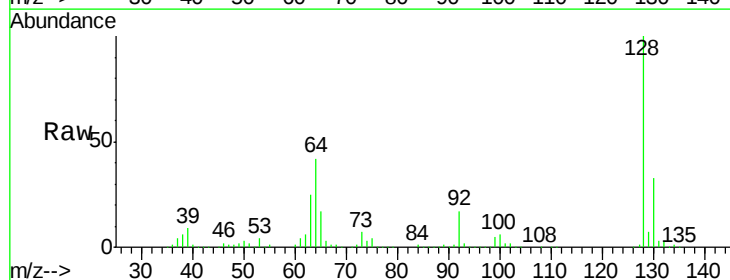
Tgt Ion: 128 Resp: 442319

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

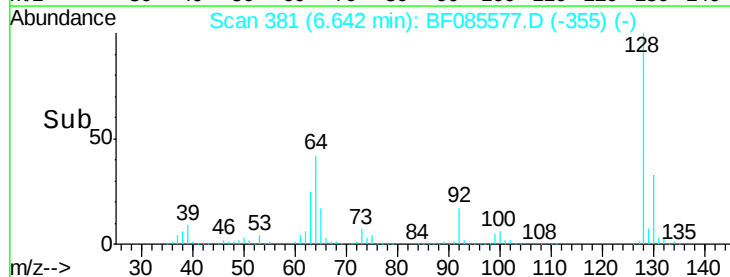
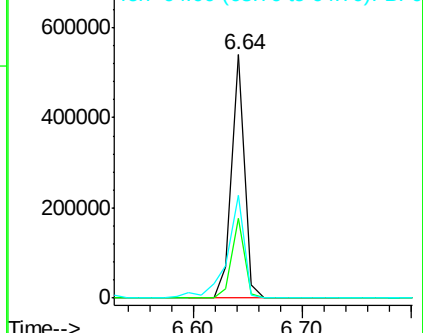
64 42.0 20.2 60.2

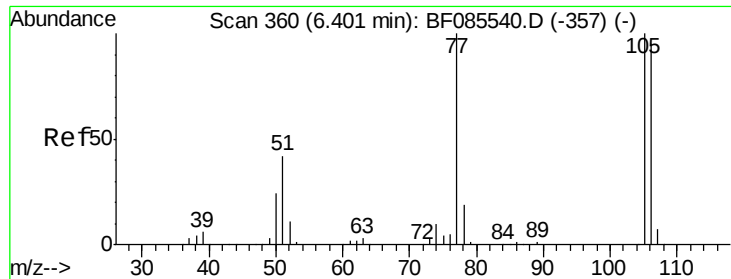


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

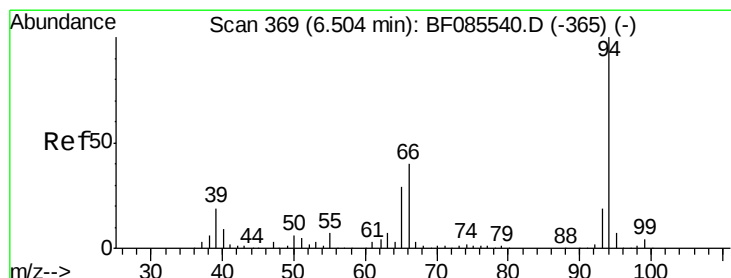
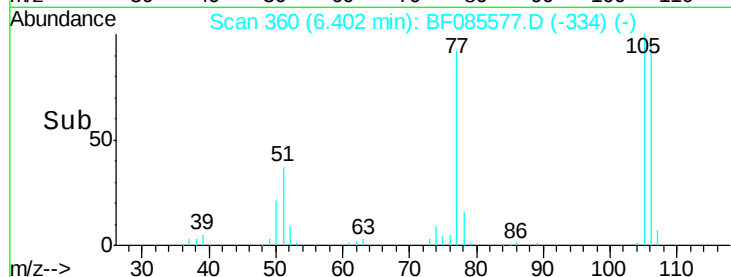
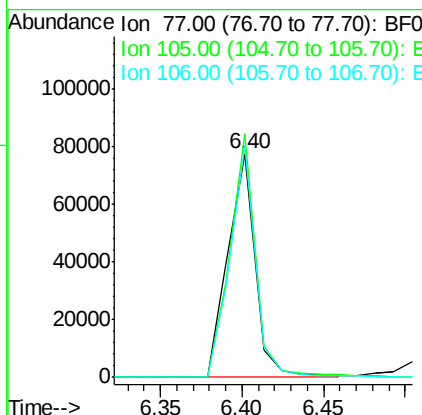
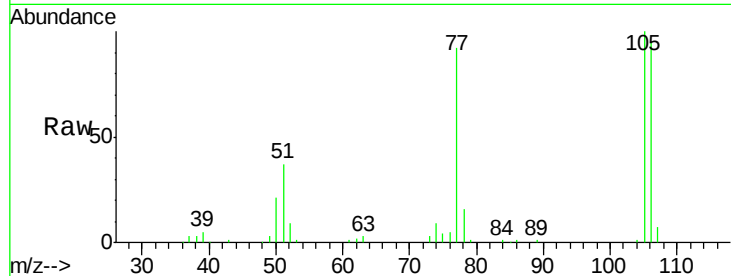




#9
Benzaldehyde
Concen: 34.63 ng
RT: 6.40 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

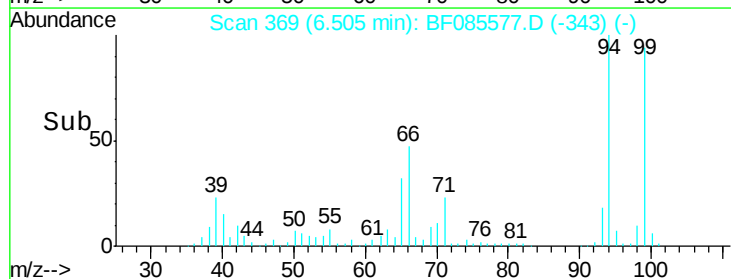
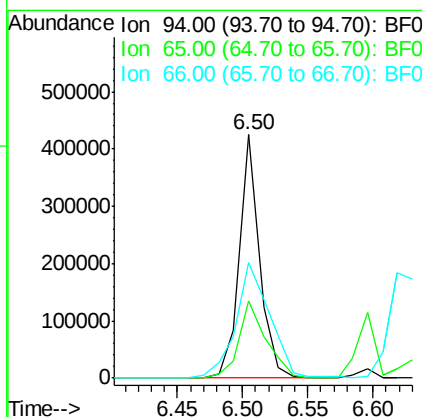
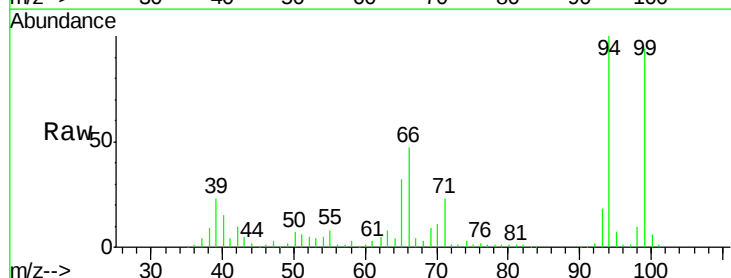
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

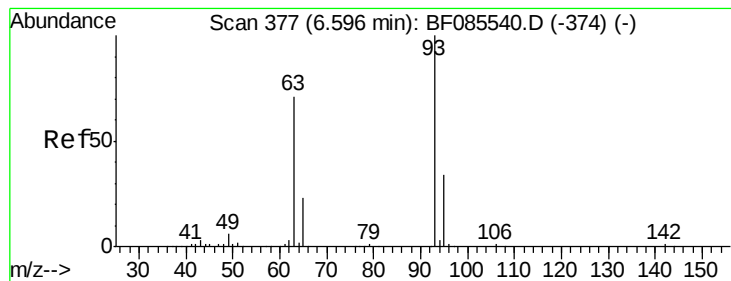
Tgt Ion: 77 Resp: 89690
Ion Ratio Lower Upper
77 100
105 109.1 80.1 120.1
106 104.0 75.0 115.0



#10
Phenol
Concen: 75.52 ng
RT: 6.50 min Scan# 369
Delta R.T. 0.00 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

Tgt Ion: 94 Resp: 457309
Ion Ratio Lower Upper
94 100
65 31.7 8.6 48.6
66 47.2 20.0 60.0





#11

bis(2-Chloroethyl)ether

Concen: 93.89 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

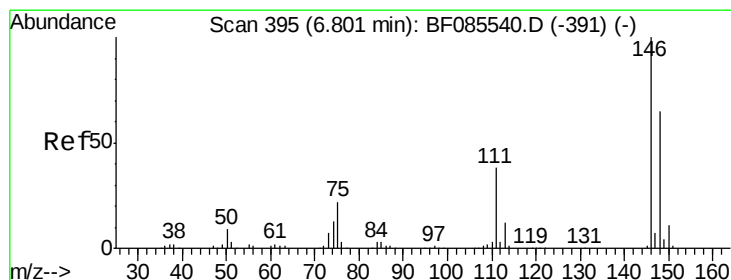
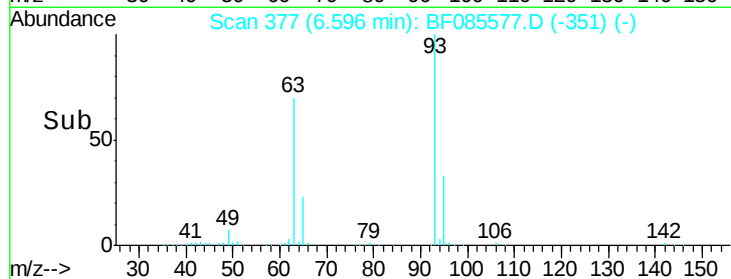
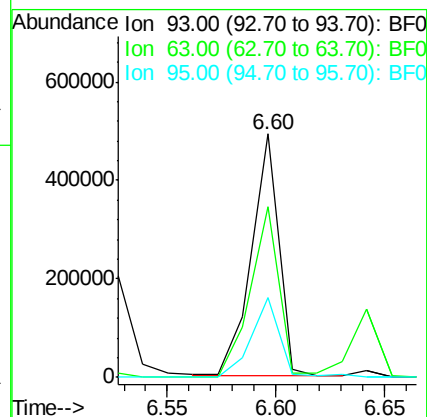
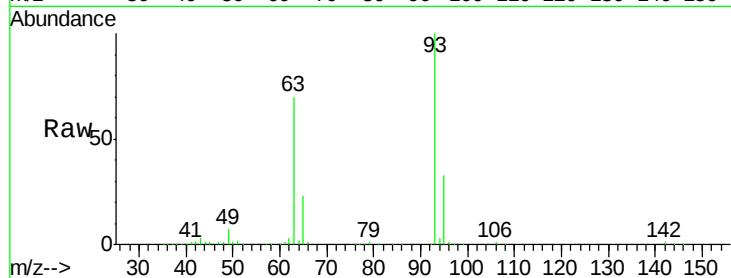
Tgt Ion: 93 Resp: 428633

Ion Ratio Lower Upper

93 100

63 70.0 50.9 90.9

95 33.0 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 80.76 ng

RT: 7.03 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

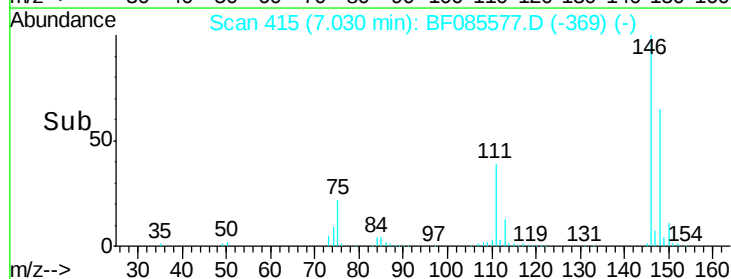
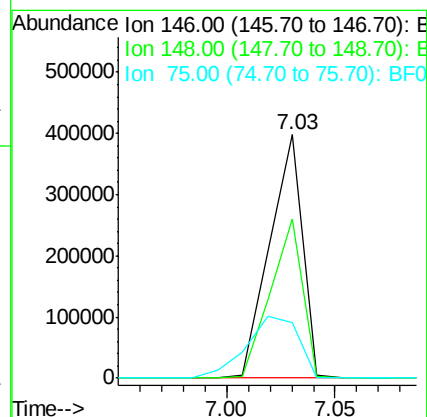
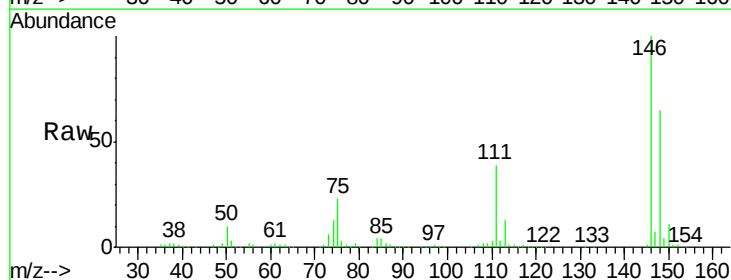
Tgt Ion: 146 Resp: 422007

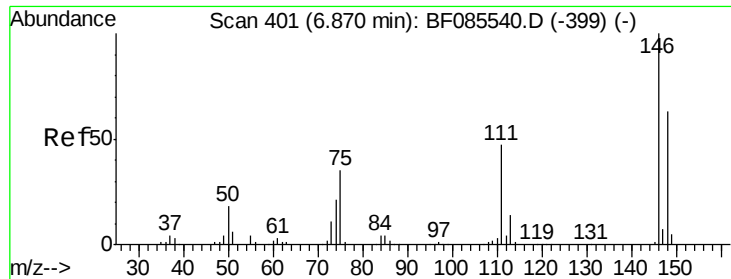
Ion Ratio Lower Upper

146 100

148 65.4 52.3 78.5

75 22.9 17.4 26.2

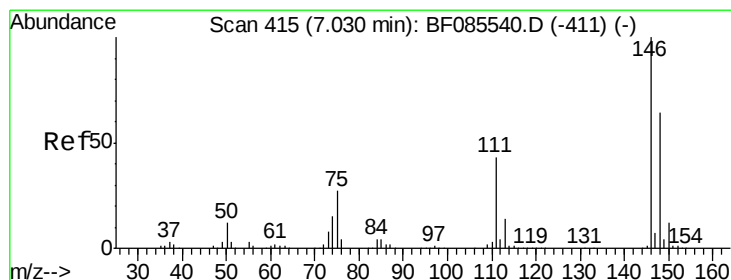
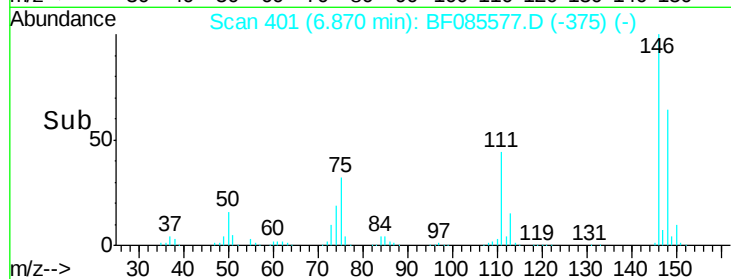
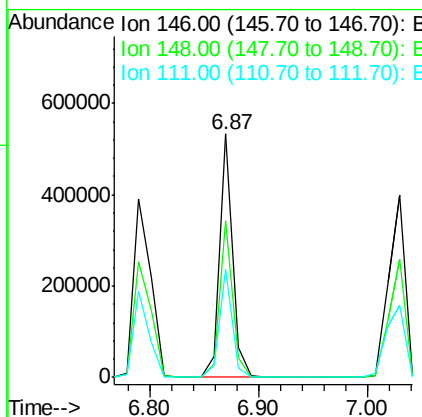
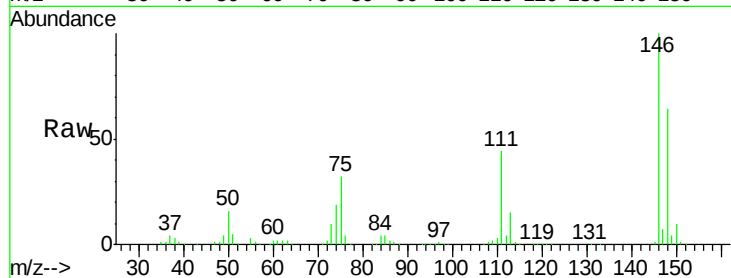




#13
 1,4-Dichlorobenzene
 Concen: 84.20 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

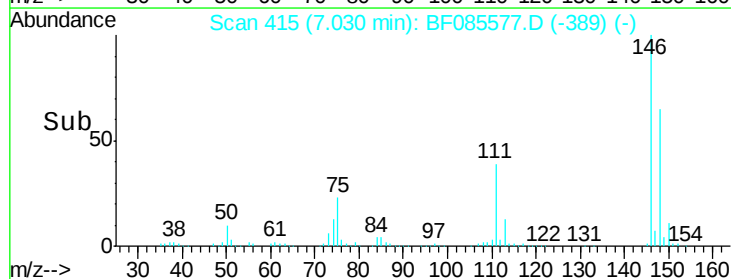
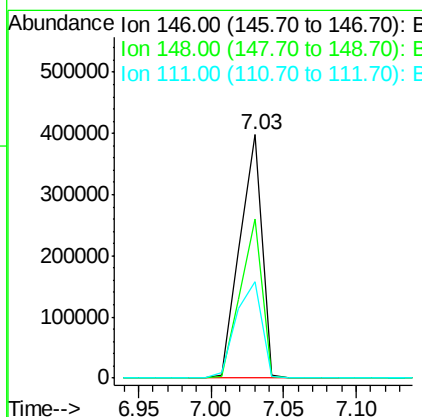
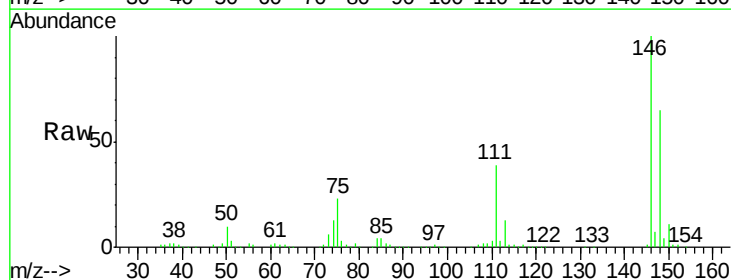
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

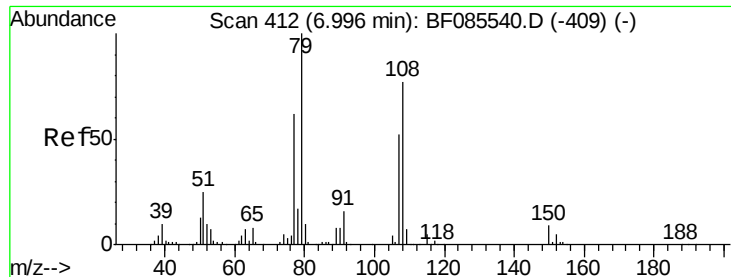
Tgt Ion:146 Resp: 448767
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 76.0
 111 44.2 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 89.26 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion:146 Resp: 422412
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.4 77.2
 111 39.5 34.6 52.0





#15

Benzyl Alcohol

Concen: 93.82 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

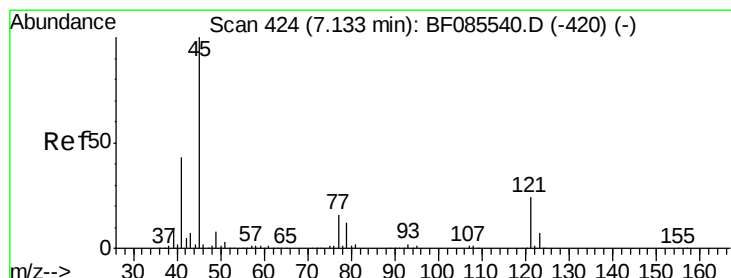
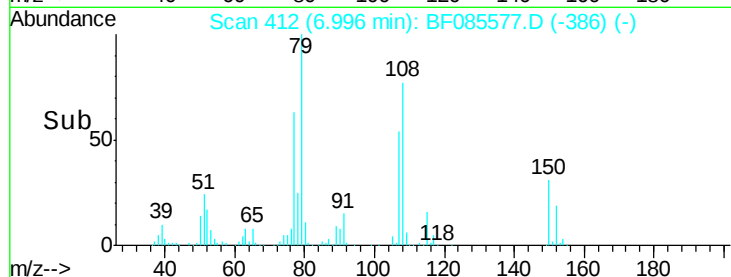
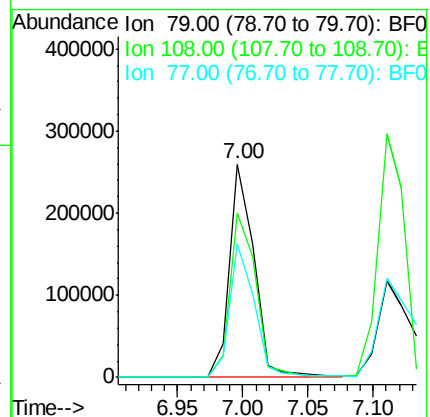
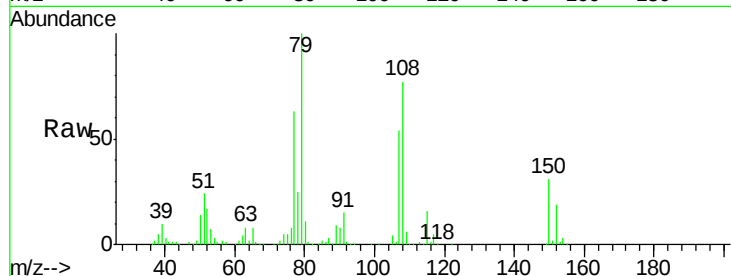
Tgt Ion: 79 Resp: 341636

Ion Ratio Lower Upper

79 100

108 77.3 61.8 92.6

77 62.9 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 86.28 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

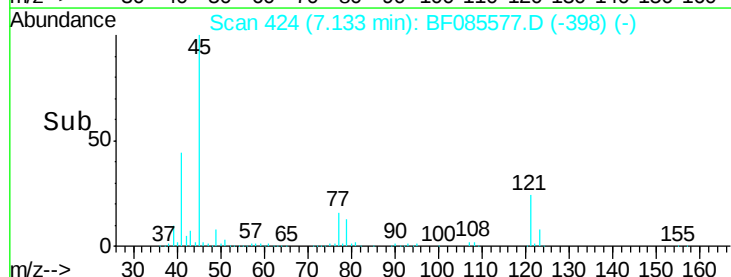
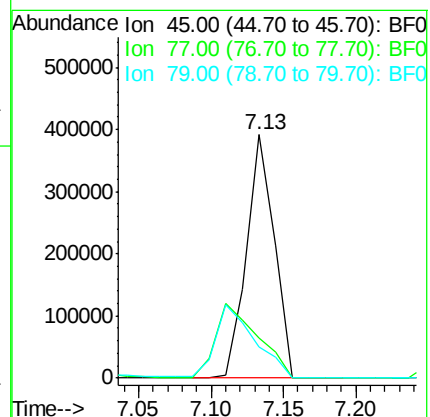
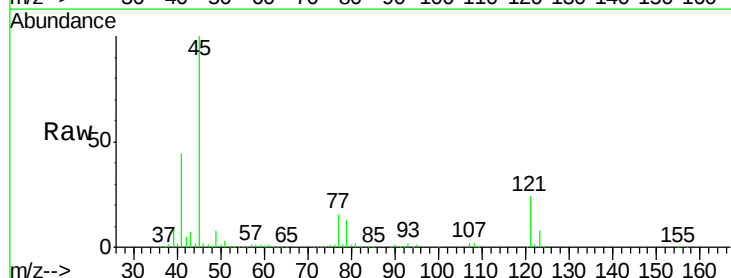
Tgt Ion: 45 Resp: 517993

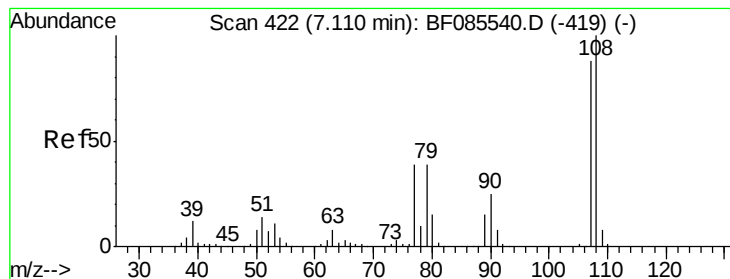
Ion Ratio Lower Upper

45 100

77 16.4 0.0 35.7

79 12.8 0.0 32.2





#17

2-Methylphenol

Concen: 92.50 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

Tgt Ion:107 Resp: 367685

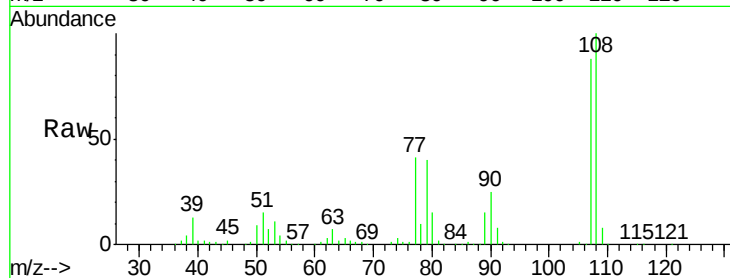
Ion Ratio Lower Upper

107 100

108 113.7 91.4 137.0

77 46.2 36.2 54.2

79 45.1 35.8 53.8

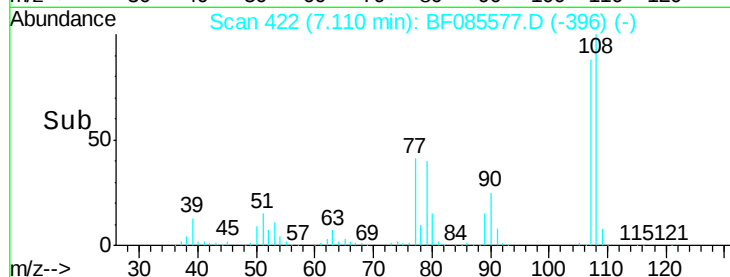


Abundance Ion 107.00 (106.70 to 107.70): E

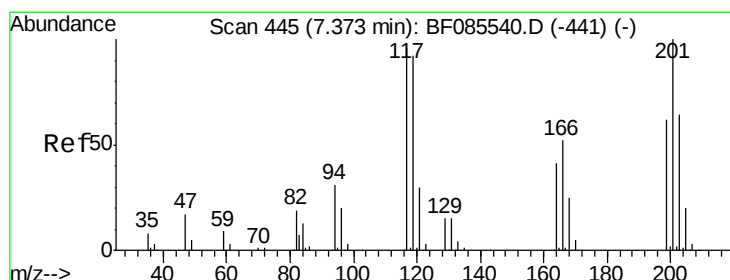
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 87.05 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

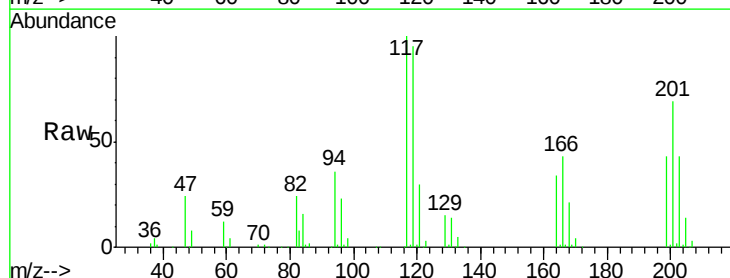
Tgt Ion:117 Resp: 167538

Ion Ratio Lower Upper

117 100

119 94.9 76.7 115.1

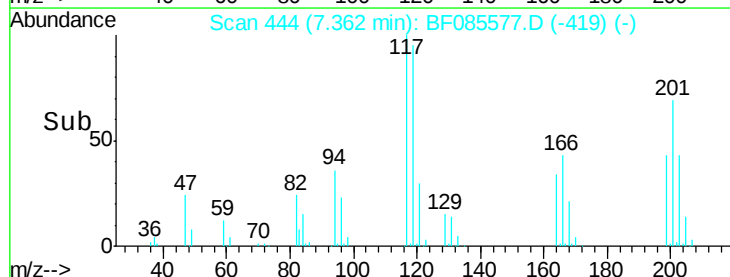
201 68.7 83.3 124.9#



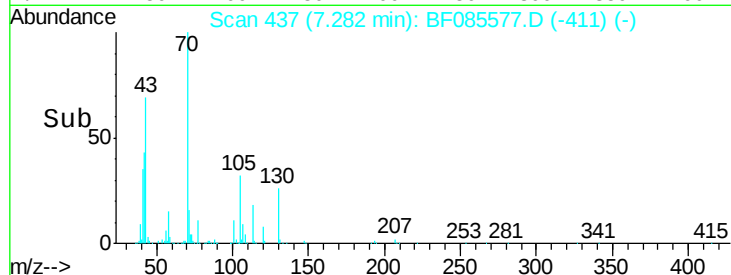
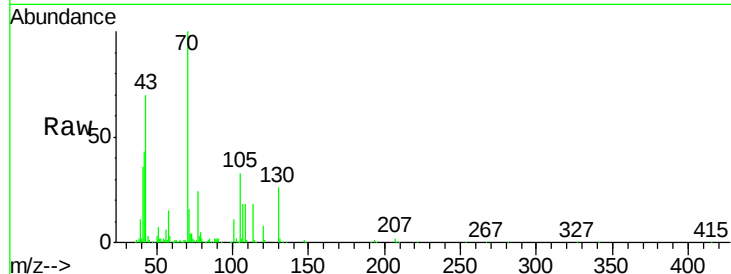
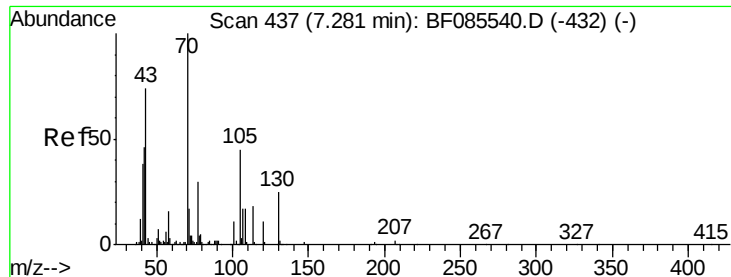
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



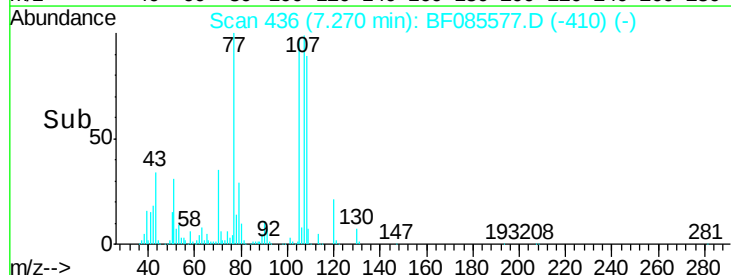
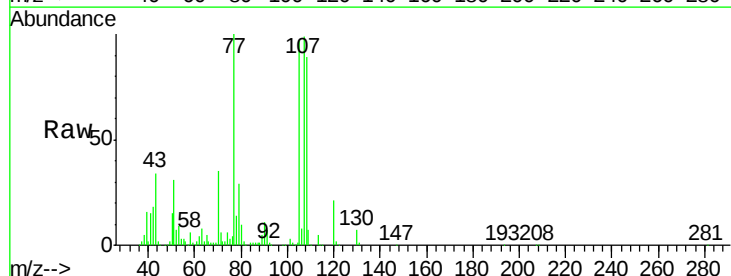
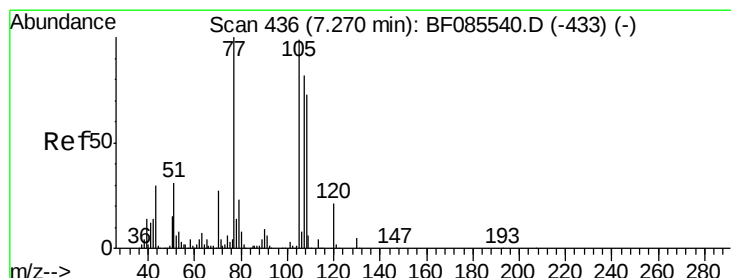
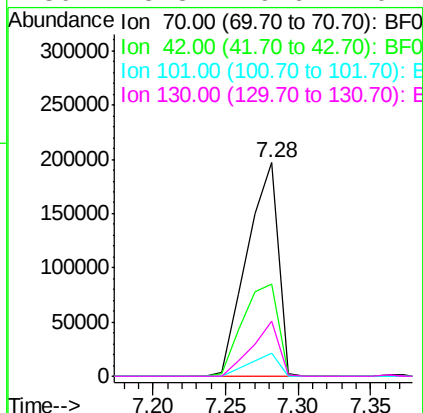
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 92.49 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

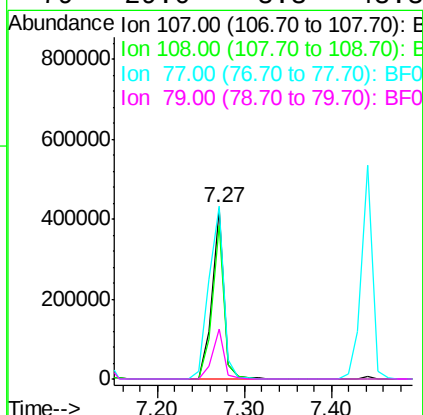
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

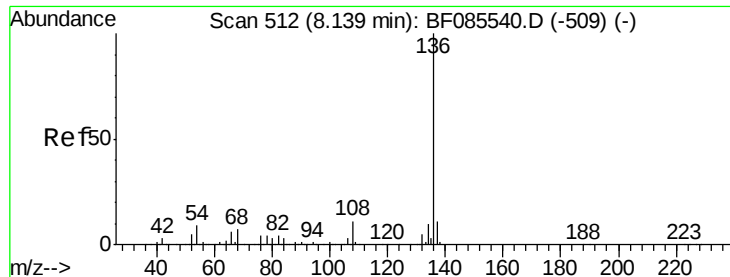
Tgt Ion:	70	Resp:	293727
Ion	Ratio	Lower	Upper
70	100		
42	42.9	37.1	55.7
101	10.6	8.6	12.8
130	25.8	19.6	29.4



#20
3+4-Methylphenols
Concen: 88.48 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

Tgt Ion:	107	Resp:	407360
Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.3	109.3
77	100.9	101.7	141.7#
79	29.0	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

Tgt Ion:136 Resp: 286398

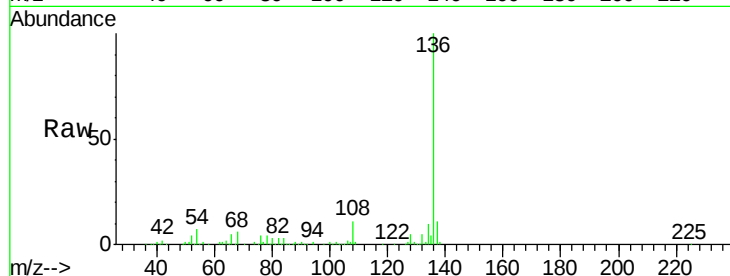
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.8 7.4 11.0#

68 5.9 5.8 8.8

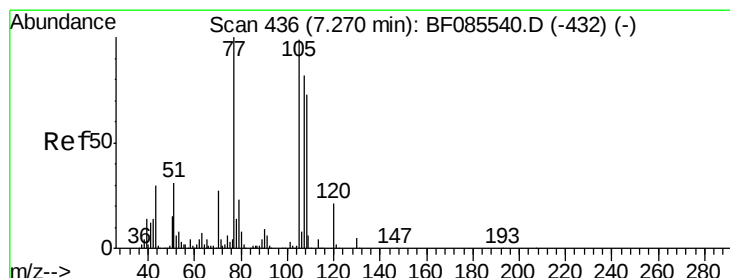
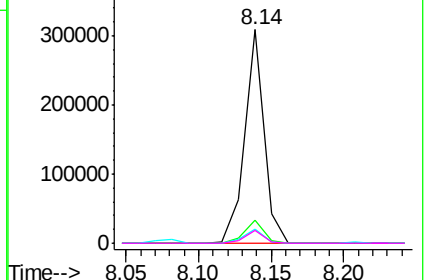
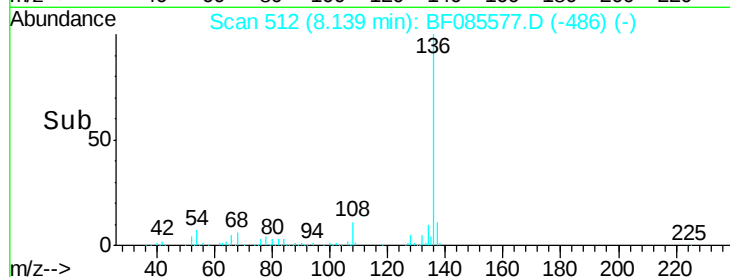


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 79.06 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Tgt Ion:105 Resp: 537339

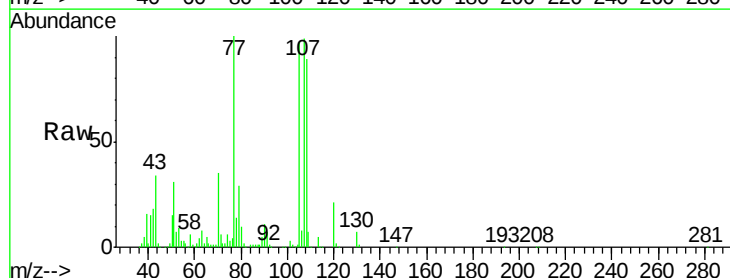
Ion Ratio Lower Upper

105 100

71 6.0 3.6 5.4#

51 31.6 25.4 38.0

120 21.7 16.9 25.3

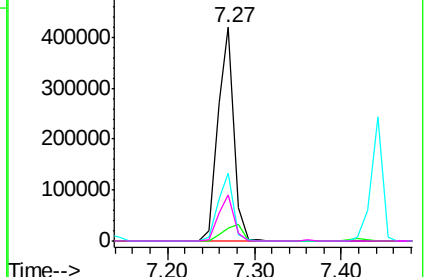
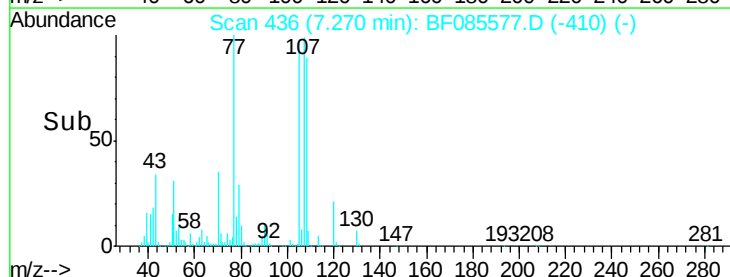


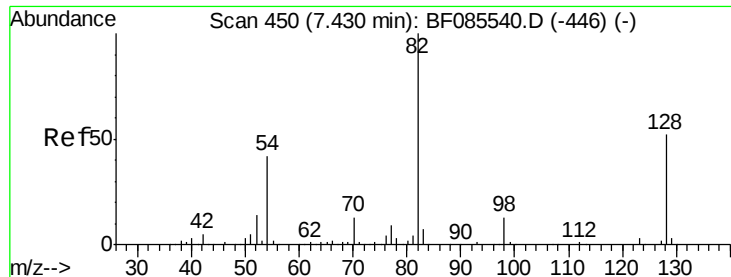
Abundance Ion 105.00 (104.70 to 105.70): E

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

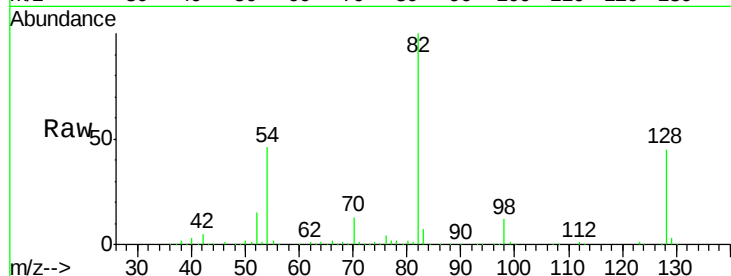




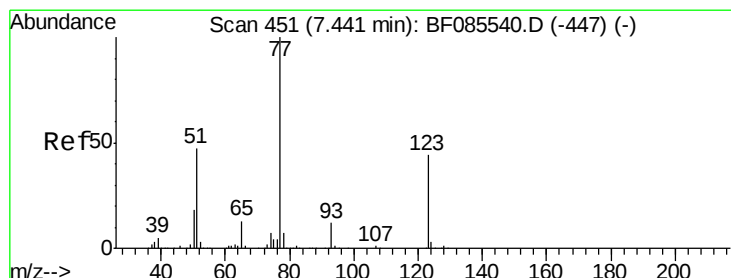
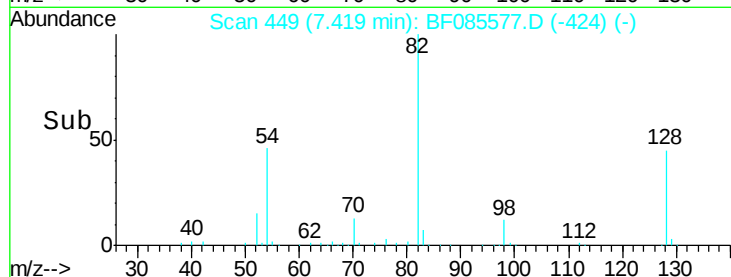
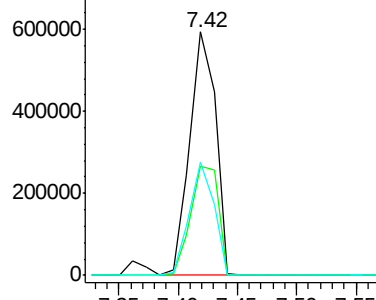
#23
 Nitrobenzene-d5
 Concen: 181.48 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	41.8	62.8
54	46.3	33.4	50.0

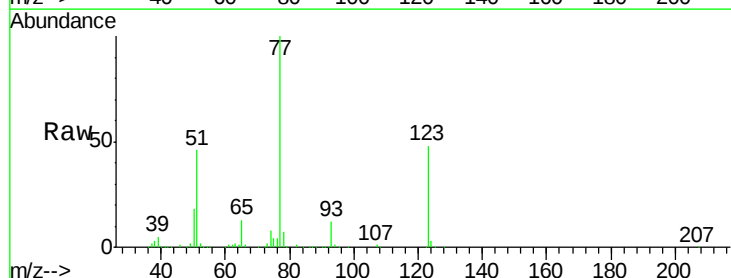


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

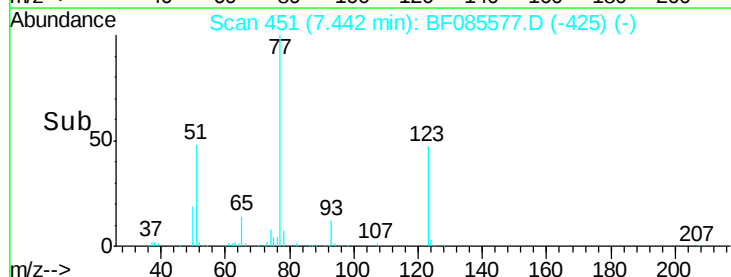
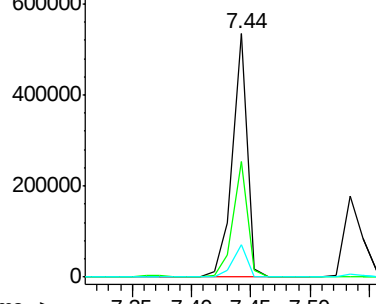


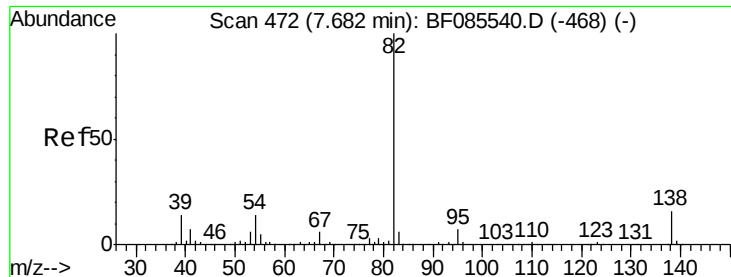
#24
 Nitrobenzene
 Concen: 87.40 ng
 RT: 7.44 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	35.0	52.4
65	13.1	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 86.14 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

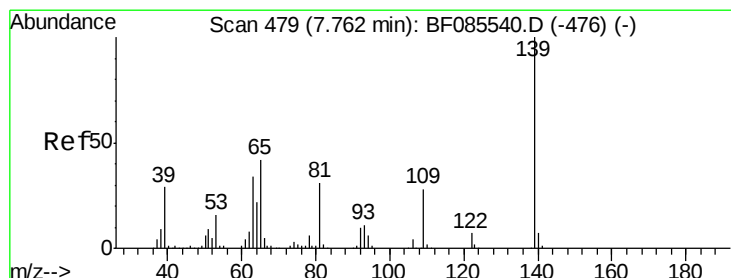
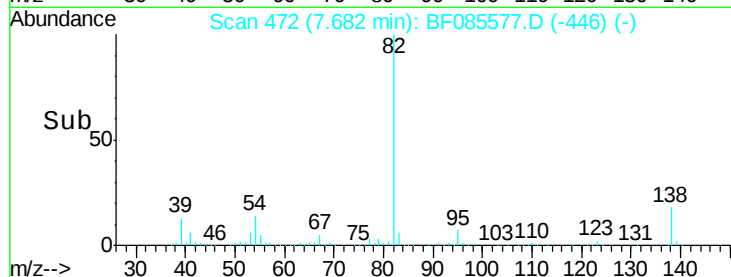
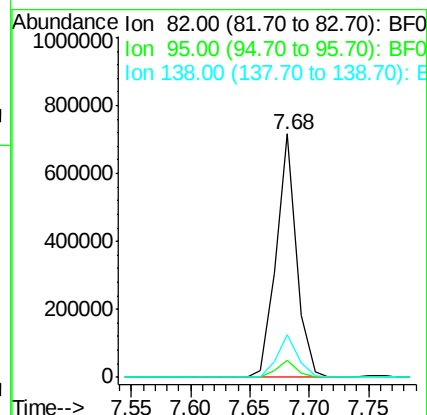
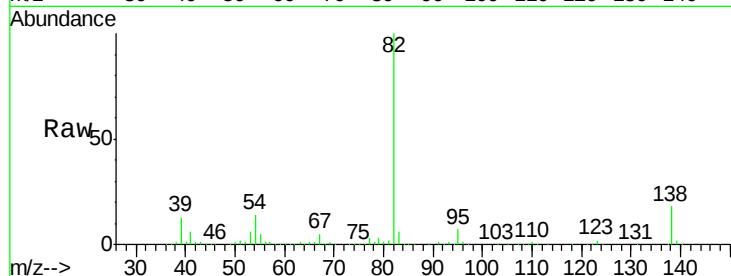
Tgt Ion: 82 Resp: 850908

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.7 12.9 19.3



#26

2-Nitrophenol

Concen: 95.07 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

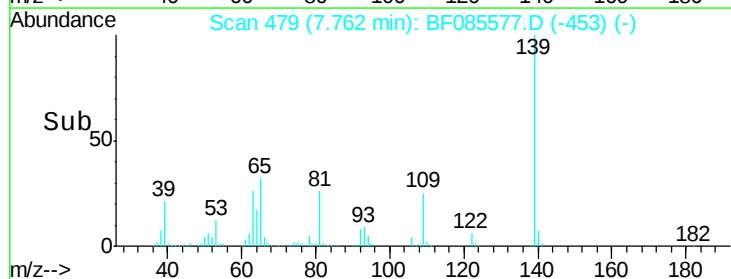
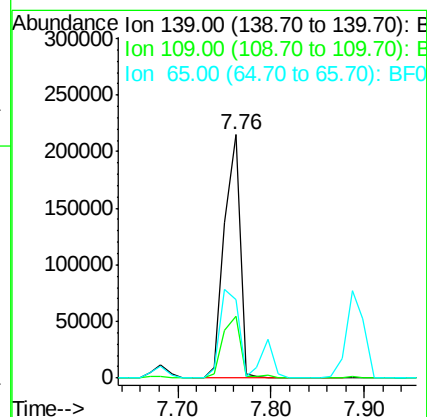
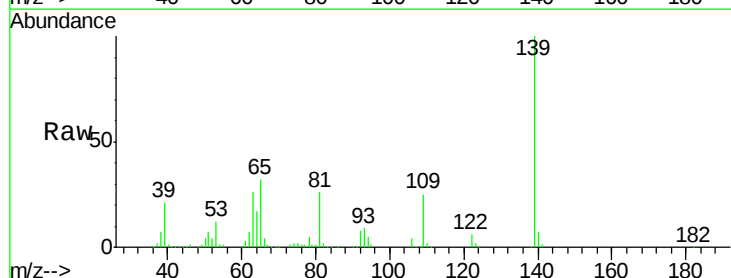
Tgt Ion: 139 Resp: 253756

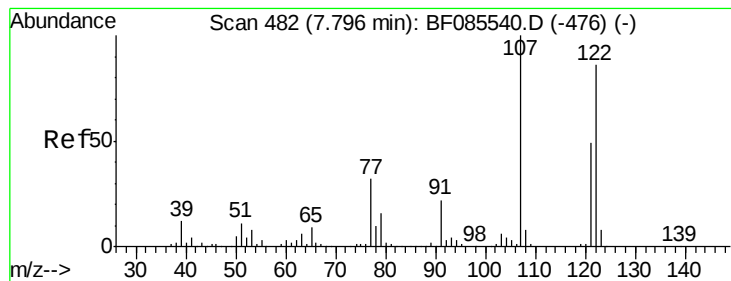
Ion Ratio Lower Upper

139 100

109 25.4 22.1 33.1

65 32.3 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 79.48 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

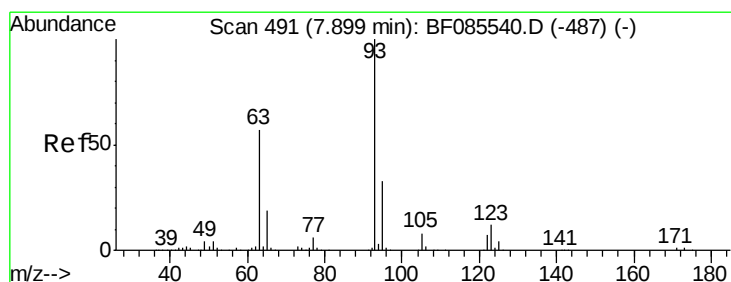
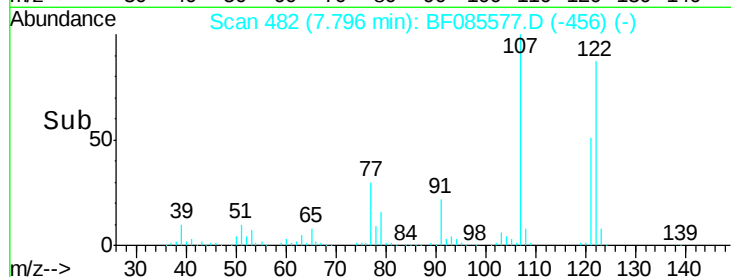
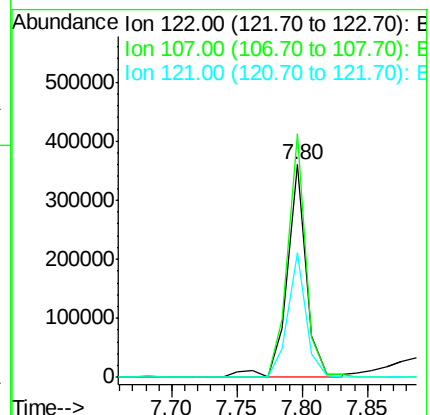
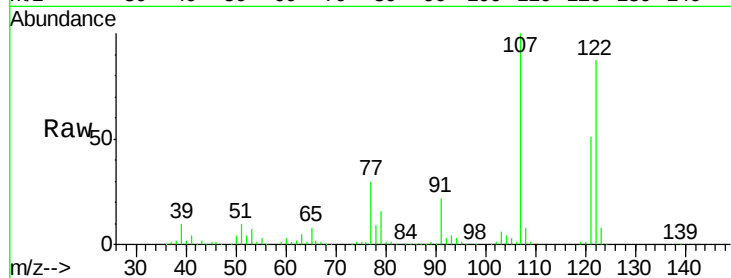
Tgt Ion: 122 Resp: 375175

Ion Ratio Lower Upper

122 100

107 114.4 93.0 139.6

121 58.7 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 91.00 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

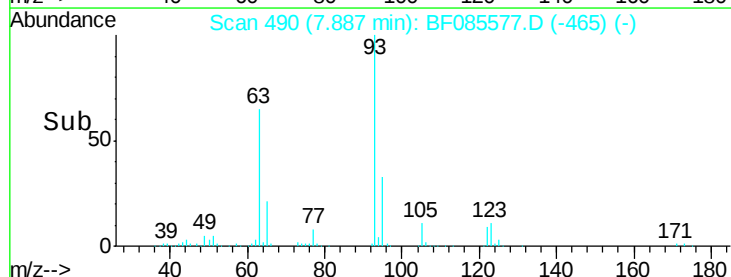
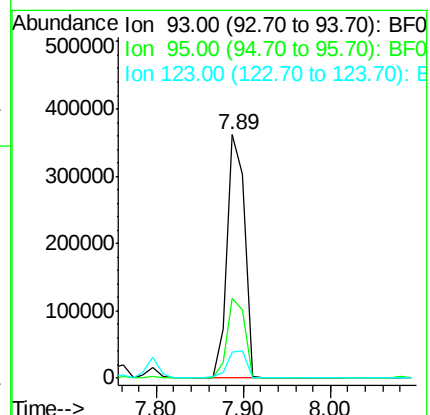
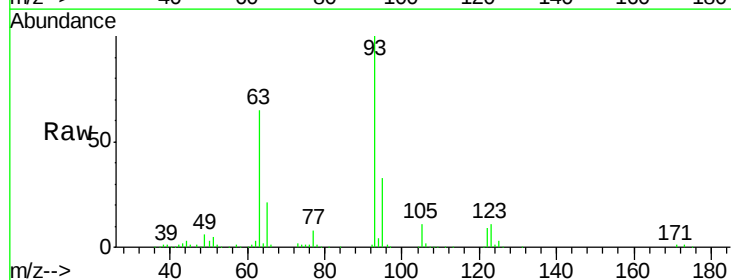
Tgt Ion: 93 Resp: 511352

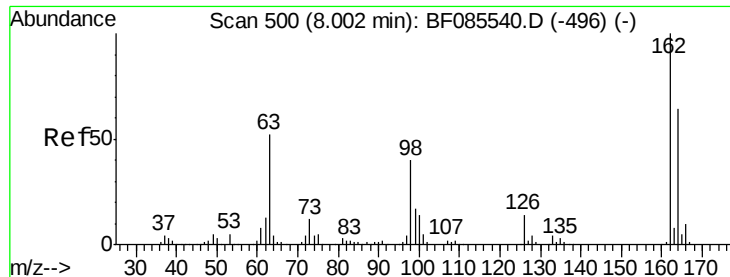
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 10.8 9.8 14.6

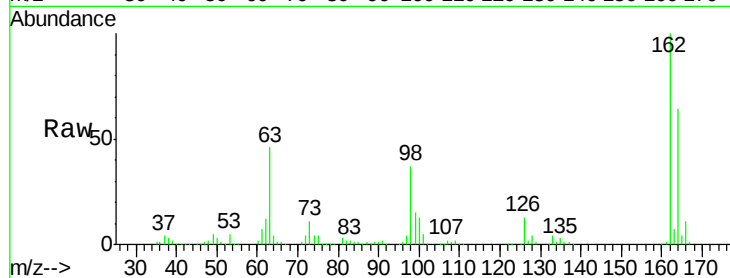




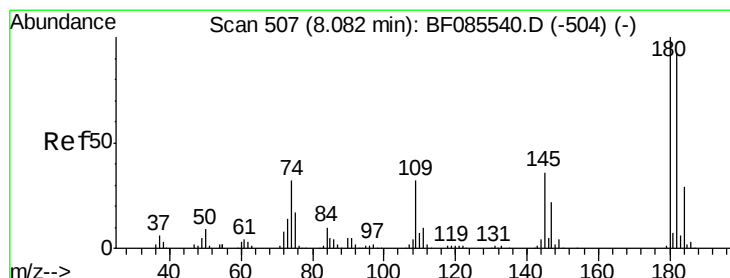
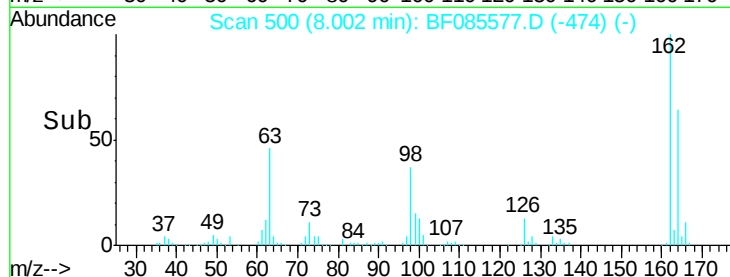
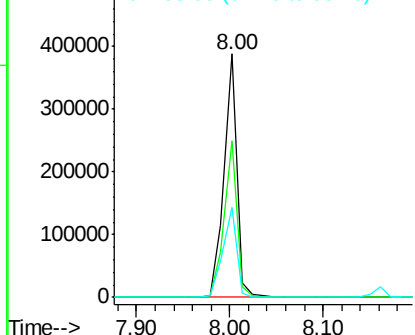
#29
 2,4-Dichlorophenol
 Concen: 94.97 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion:162 Resp: 370173
 Ion Ratio Lower Upper
 162 100
 164 64.4 43.7 83.7
 98 37.1 20.4 60.4

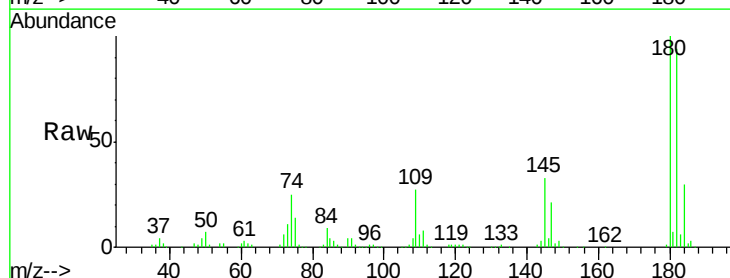


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

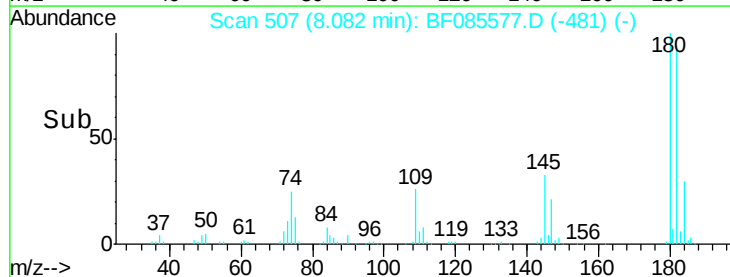
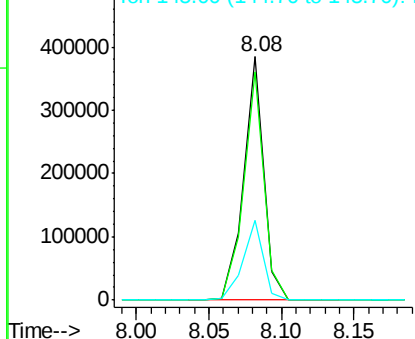


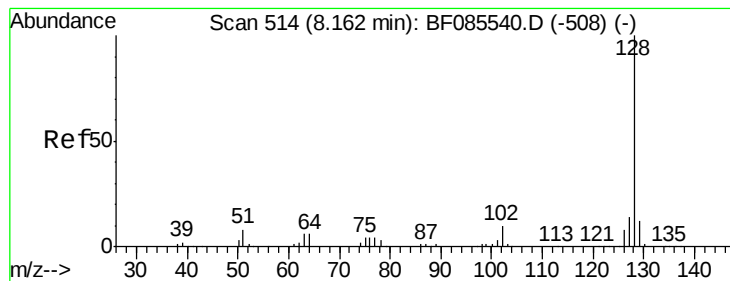
#30
 1,2,4-Trichlorobenzene
 Concen: 85.07 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion:180 Resp: 371415
 Ion Ratio Lower Upper
 180 100
 182 93.9 73.8 110.8
 145 32.7 28.4 42.6



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: 83.07 ng

RT: 8.16 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

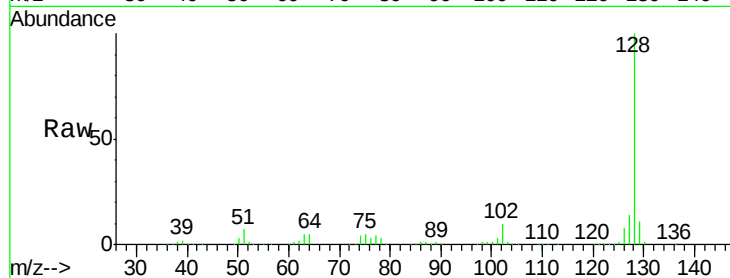
Tgt Ion:128 Resp: 1200919

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

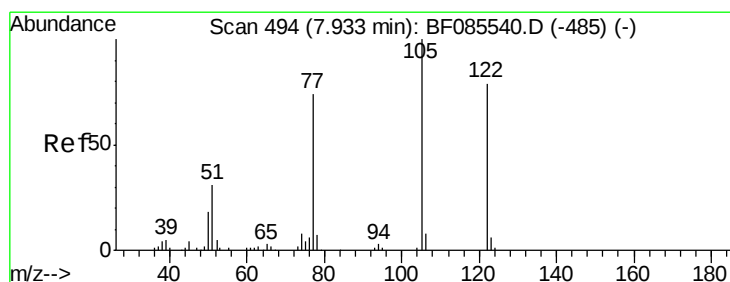
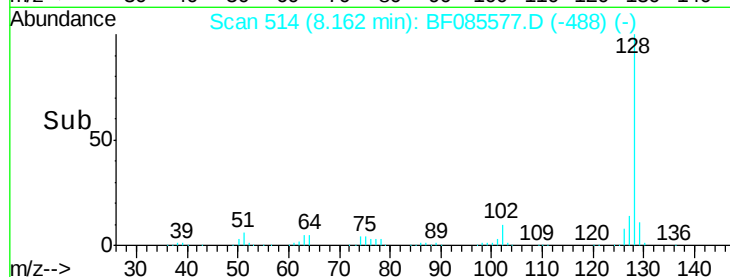
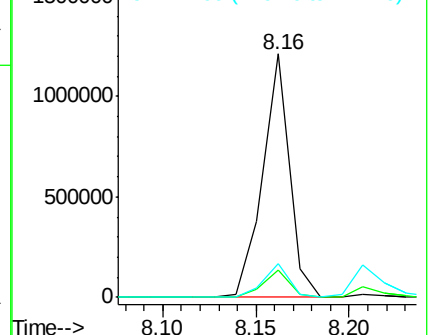
127 13.7 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.94 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

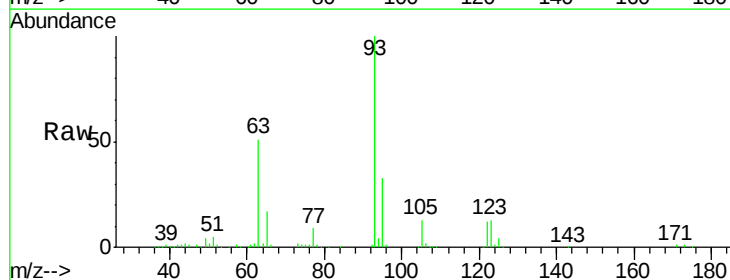
Tgt Ion:122 Resp: 98425

Ion Ratio Lower Upper

122 100

105 115.1 102.9 142.9

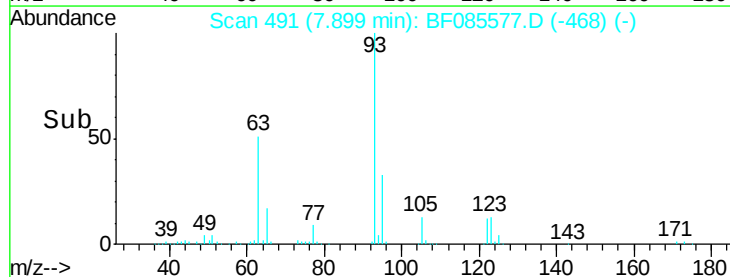
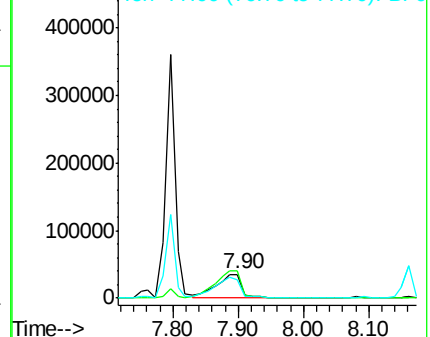
77 77.2 71.8 111.8

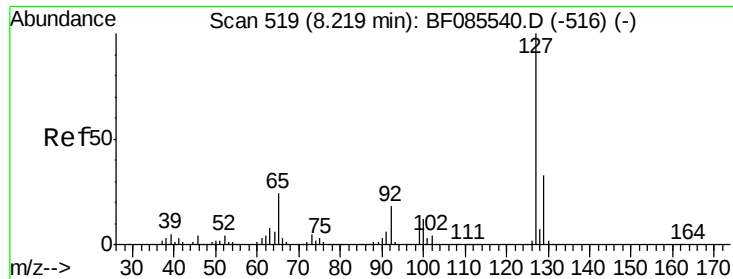


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

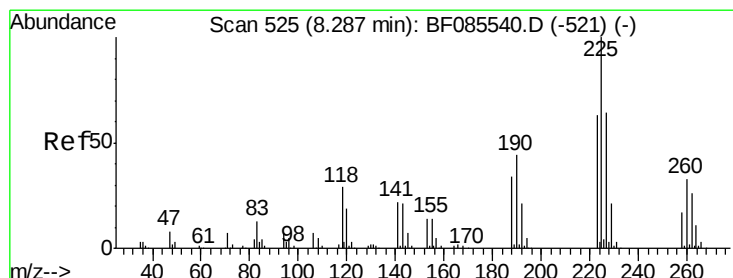
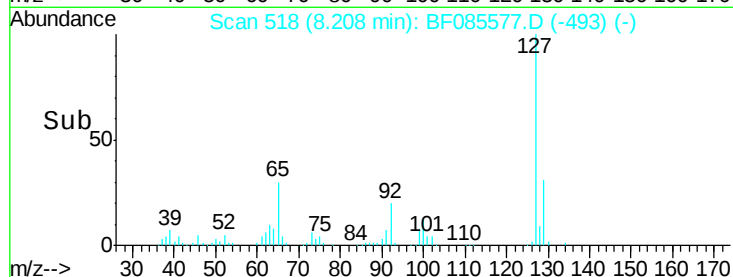
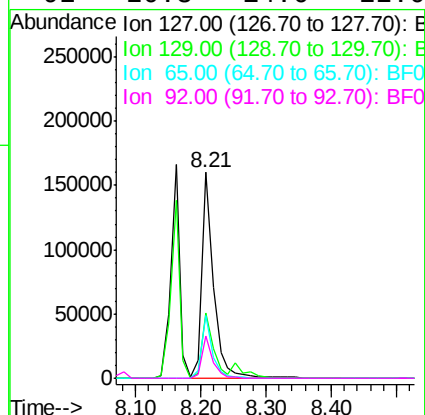
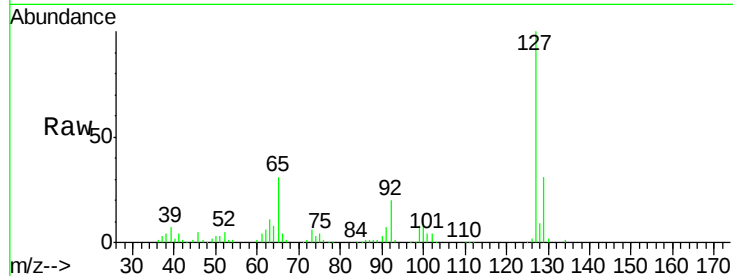




#33
4-Chloroaniline
Concen: 33.33 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

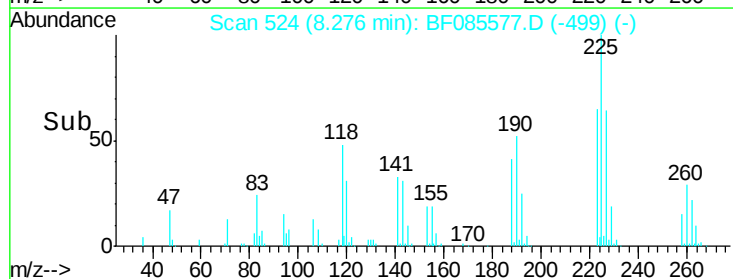
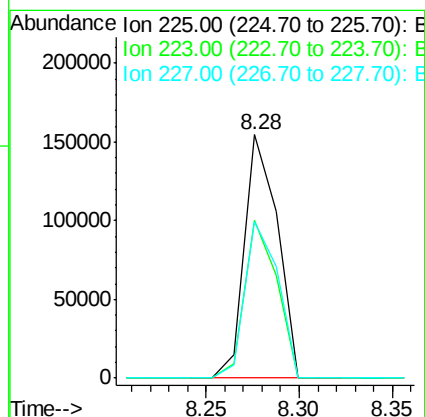
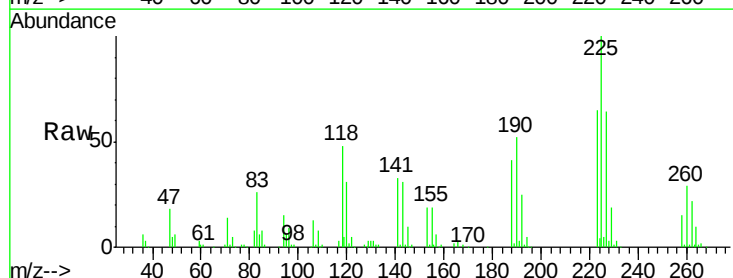
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

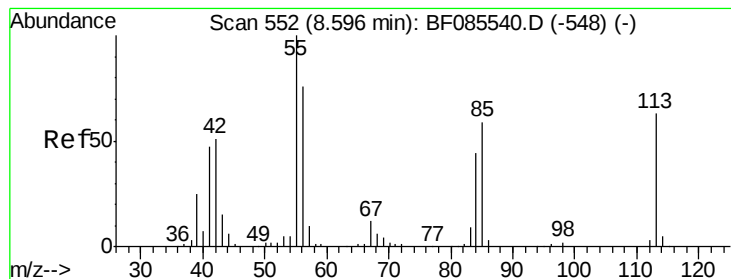
Tgt Ion:	127	Resp:	197480
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.1	39.1
65	30.8	19.5	29.3
92	20.3	14.6	22.0



#34
Hexachlorobutadiene
Concen: 81.34 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

Tgt Ion:	225	Resp:	189276
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.4	75.6
227	64.2	51.4	77.2





#35

Caprolactam

Concen: 46.18 ng

RT: 8.58 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

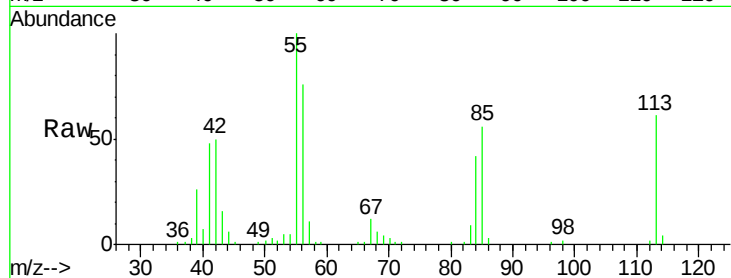
Tgt Ion:113 Resp: 61934

Ion Ratio Lower Upper

113 100

55 164.9 139.4 179.4

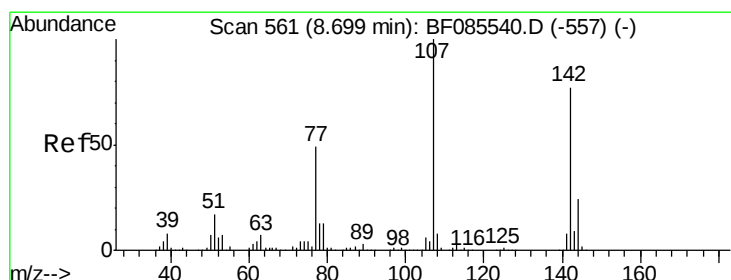
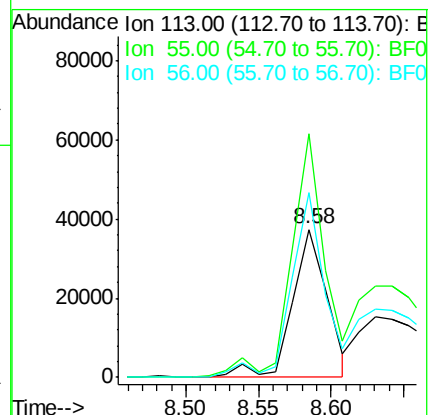
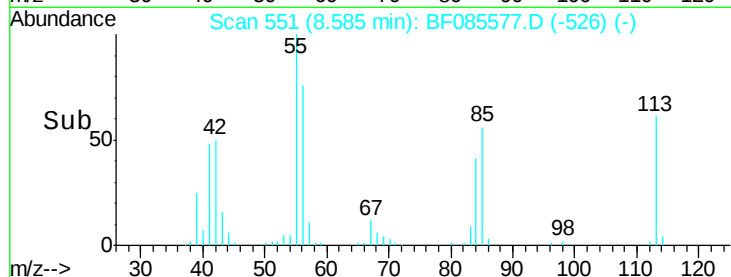
56 125.0 100.4 140.4



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: 85.19 ng

RT: 8.70 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

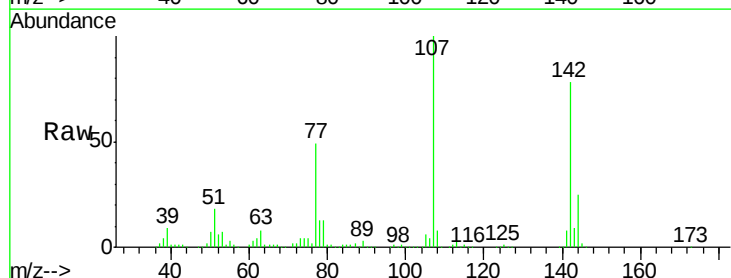
Tgt Ion:107 Resp: 387799

Ion Ratio Lower Upper

107 100

144 25.1 19.3 28.9

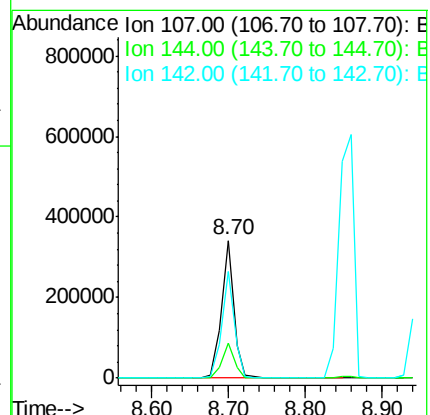
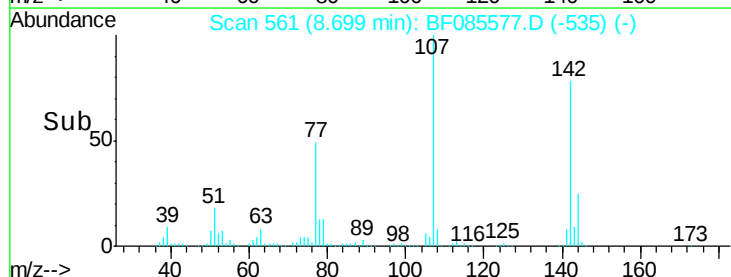
142 77.6 61.4 92.0

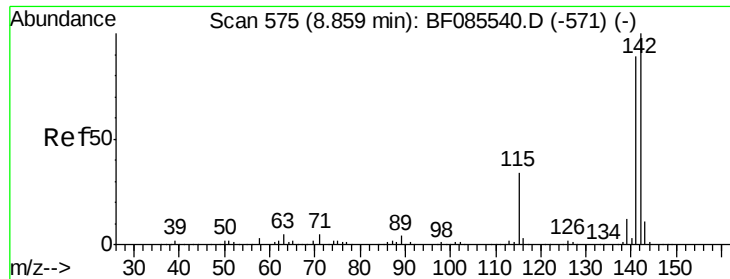


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

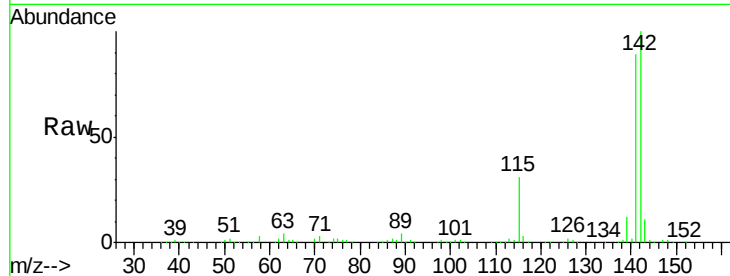




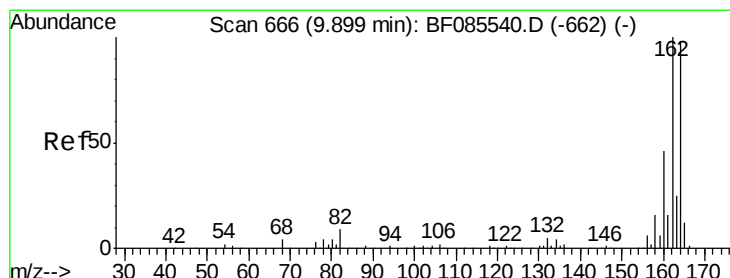
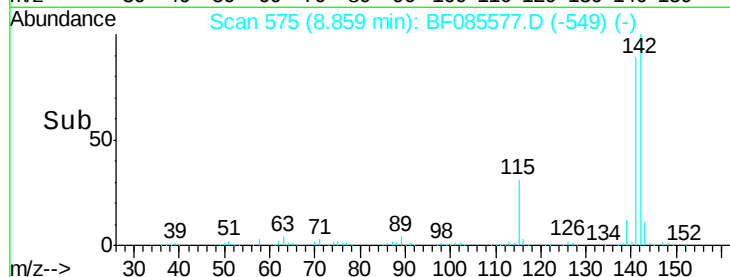
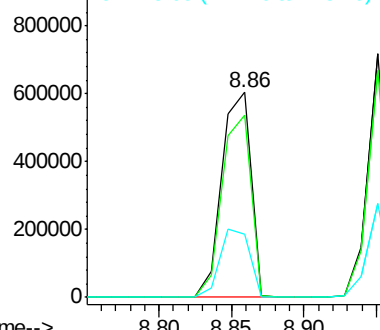
#37
 2-Methylnaphthalene
 Concen: 95.48 ng
 RT: 8.86 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion:142 Resp: 841368
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.6 107.4
 115 31.0 26.8 40.2

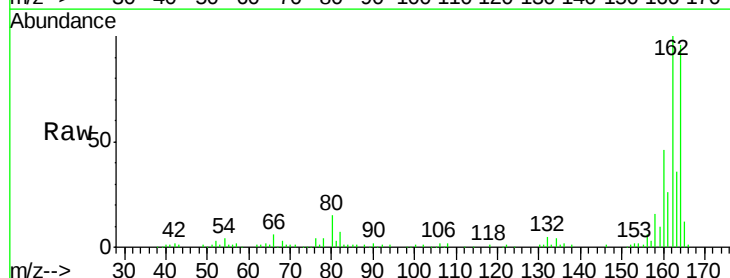


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

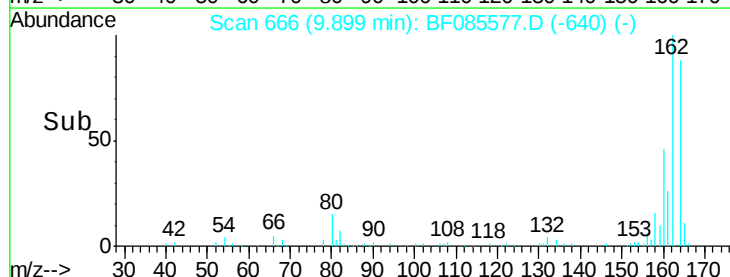
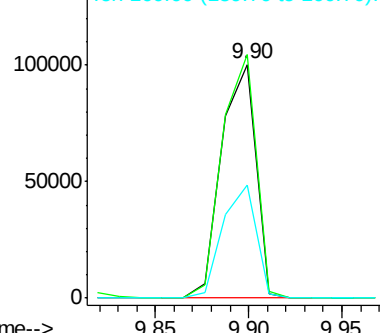


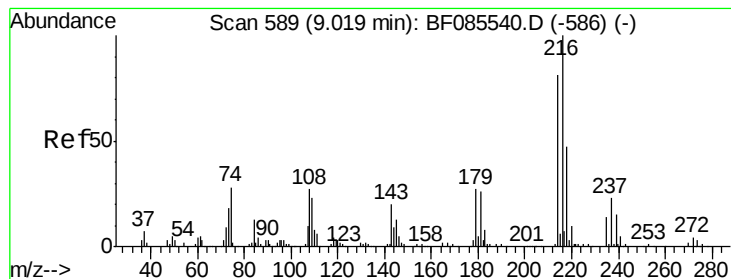
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion:164 Resp: 128034
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.1 123.1
 160 48.1 37.4 56.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 79.01 ng

RT: 9.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

Tgt Ion:216 Resp: 306844

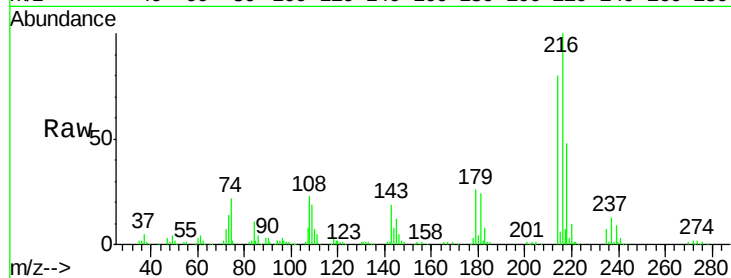
Ion Ratio Lower Upper

216 100

214 79.2 63.1 94.7

179 23.9 18.2 27.2

108 25.0 17.3 25.9

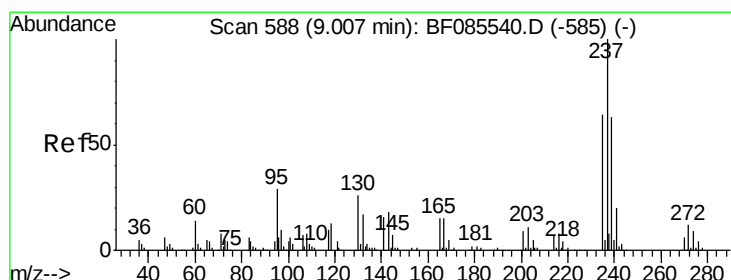
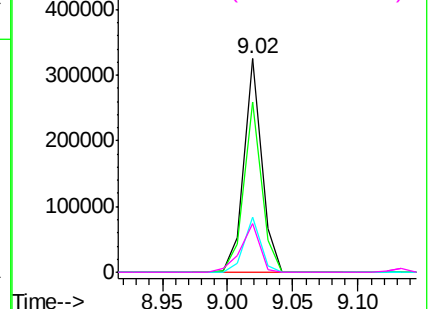
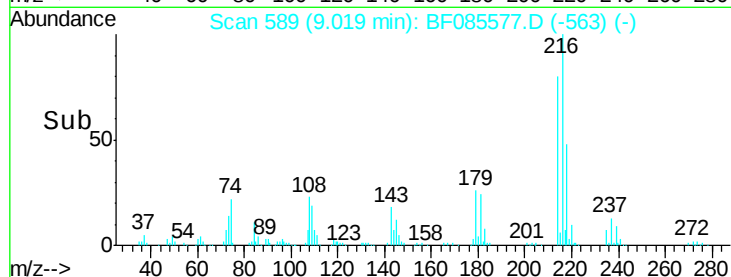


Abundance Ion 216.00 (215.70 to 216.70): E

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: 187.40 ng

RT: 9.01 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

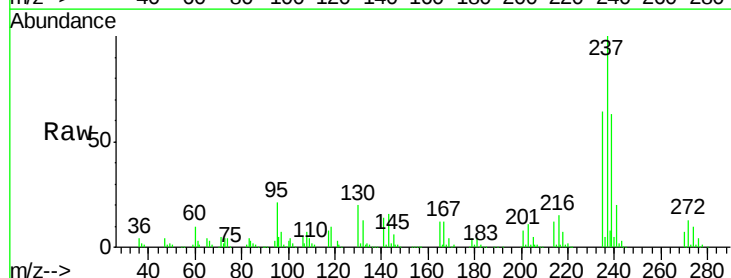
Tgt Ion:237 Resp: 328029

Ion Ratio Lower Upper

237 100

235 64.2 43.7 83.7

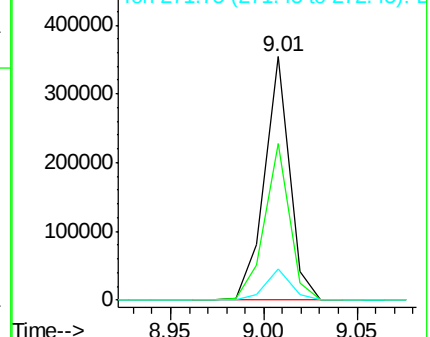
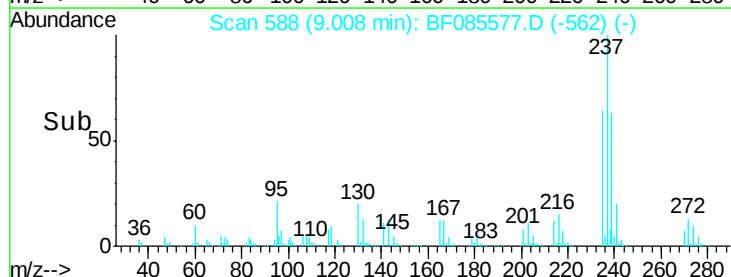
272 12.7 0.0 31.9

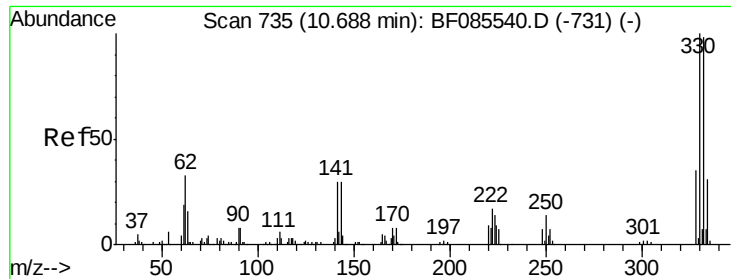


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

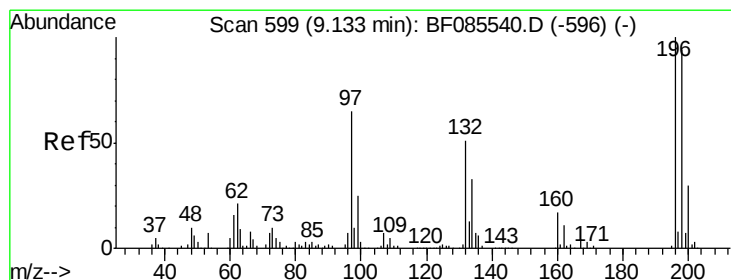
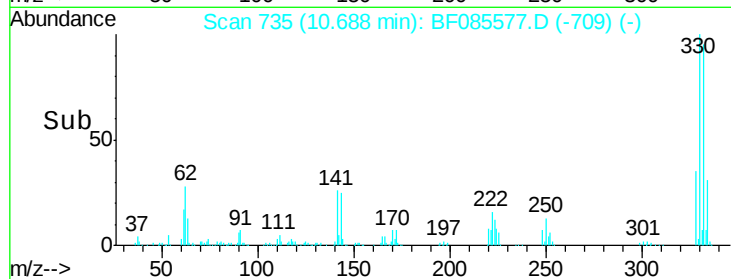
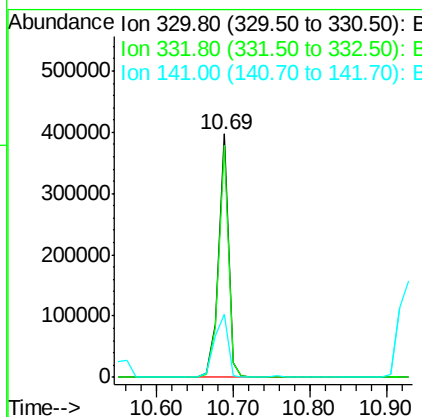
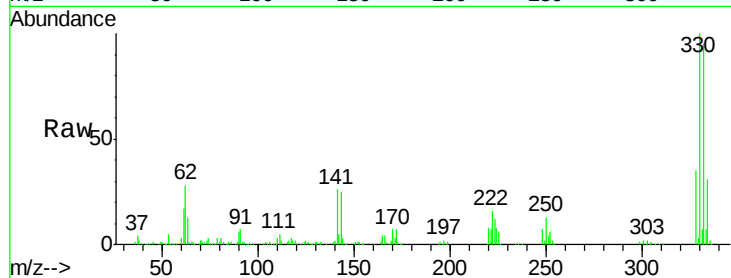




#41
 2,4,6-Tribromophenol
 Concen: 286.25 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

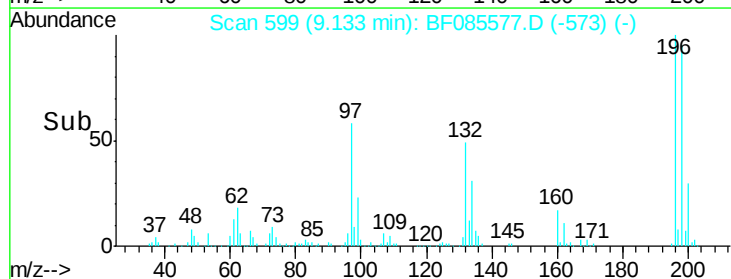
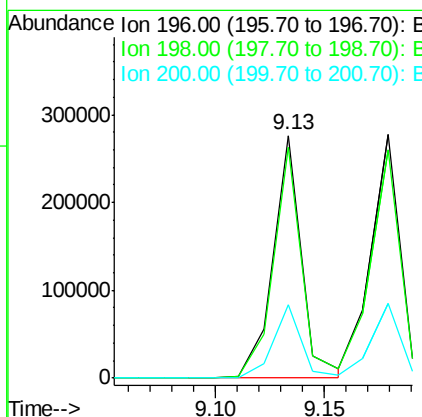
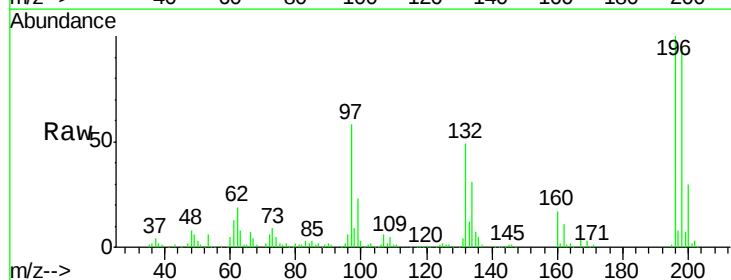
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

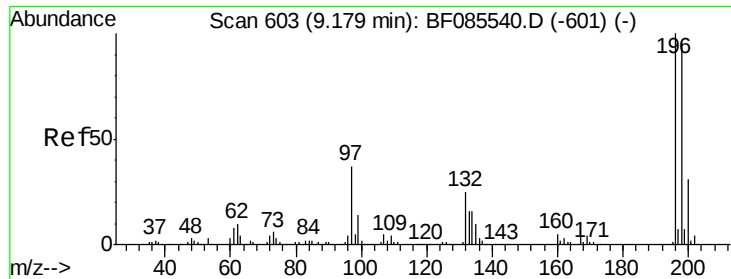
Tgt Ion:330 Resp: 359012
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.2 117.2
 141 35.0 31.5 47.3



#42
 2,4,6-Trichlorophenol
 Concen: 95.31 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion:196 Resp: 253396
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.3 112.9
 200 30.3 23.7 35.5

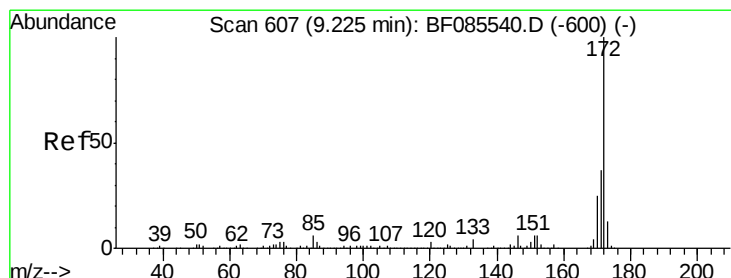
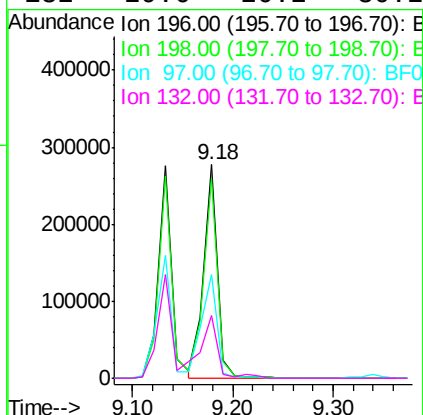
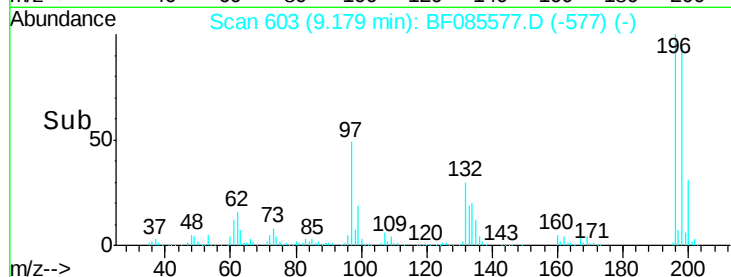
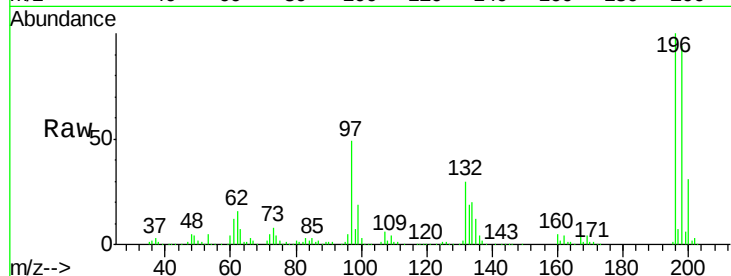




#43
 2,4,5-Trichlorophenol
 Concen: 98.24 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

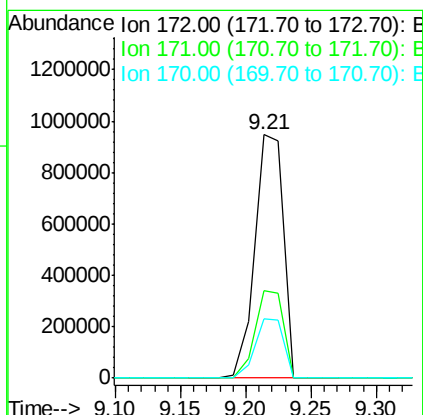
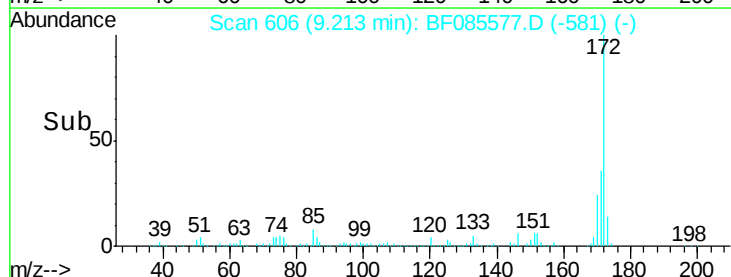
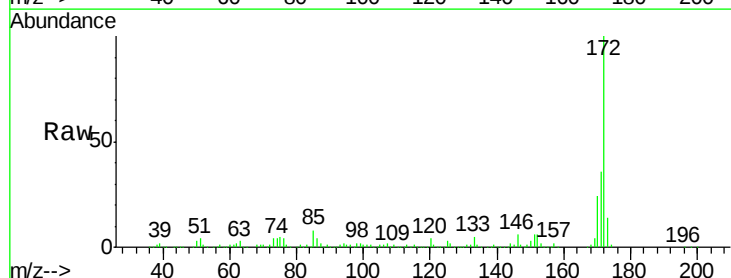
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

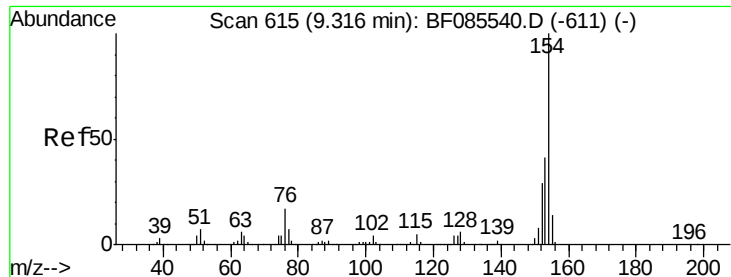
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.6	114.8
97	48.8	30.5	45.7
132	29.6	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: -20.00 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.2	19.8	29.6





#45

1,1'-Biphenyl

Concen: 78.21 ng

RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

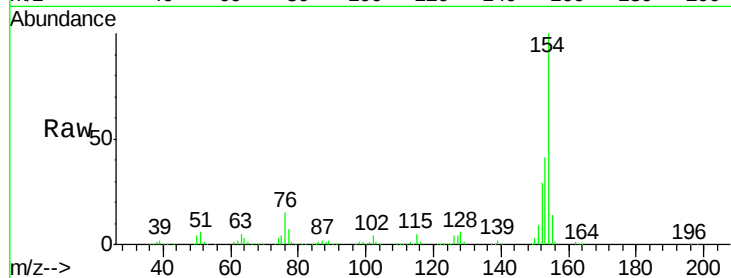
Tgt Ion:154 Resp: 863831

Ion Ratio Lower Upper

154 100

153 41.3 20.8 60.8

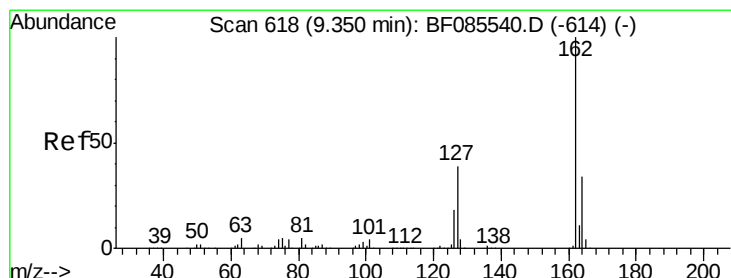
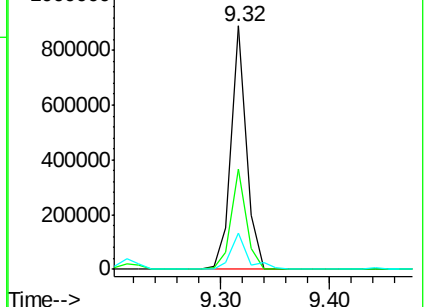
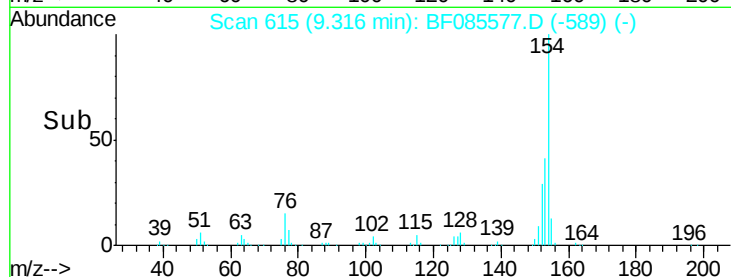
76 14.7 0.0 36.7



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: 86.83 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

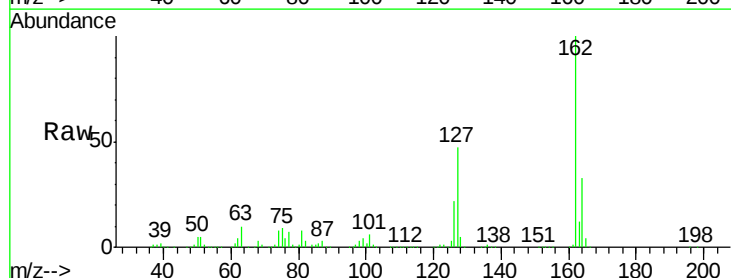
Tgt Ion:162 Resp: 700513

Ion Ratio Lower Upper

162 100

127 47.2 31.7 47.5

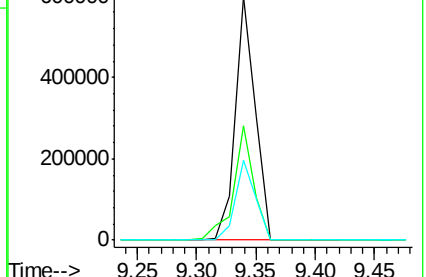
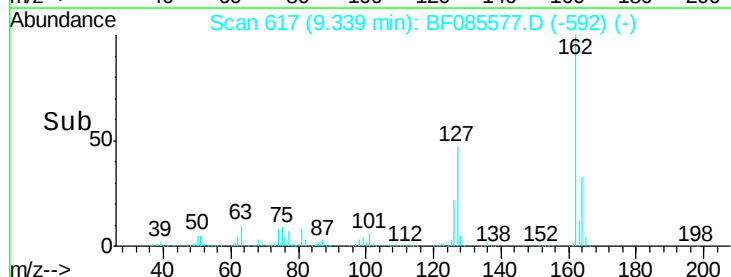
164 32.9 27.3 40.9

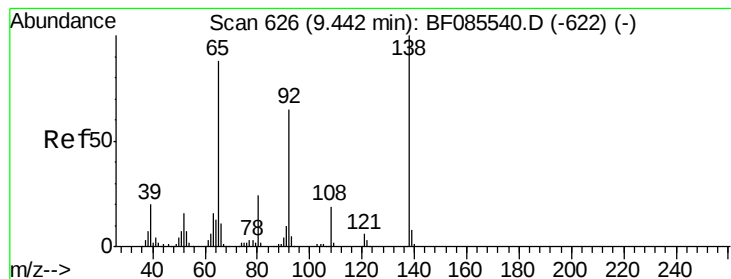


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 104.68 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

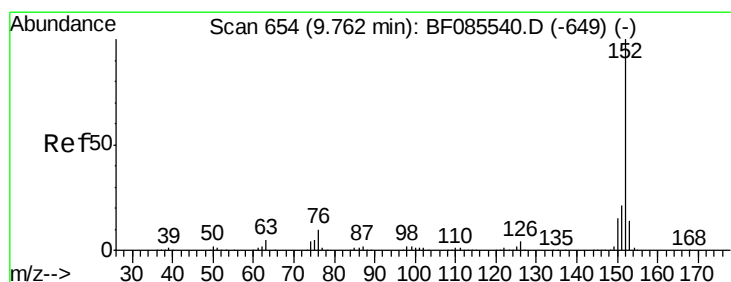
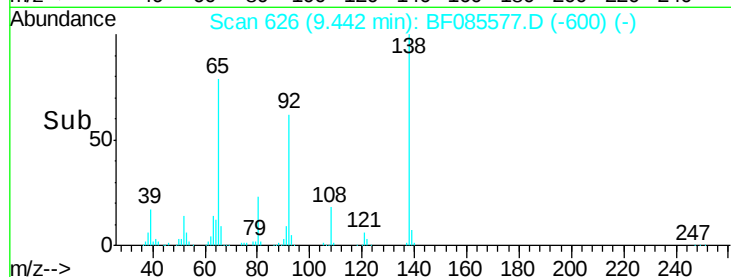
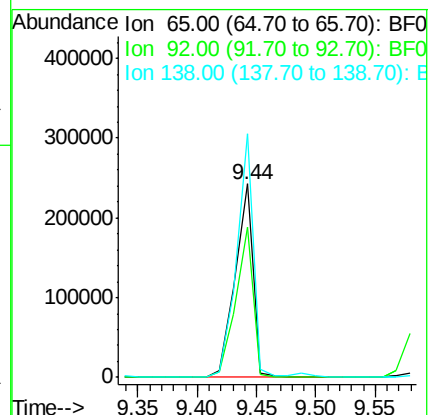
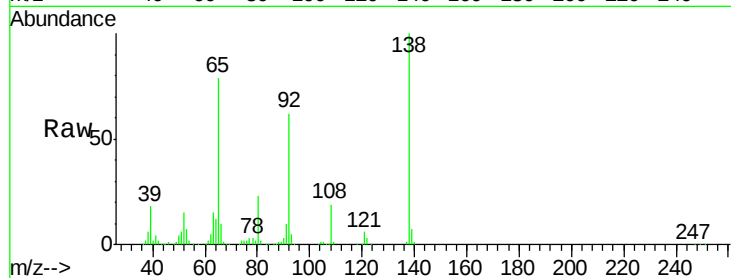
Tgt Ion: 65 Resp: 255495

Ion Ratio Lower Upper

65 100

92 77.6 59.7 89.5

138 126.0 91.4 137.0



#48

Acenaphthylene

Concen: 93.92 ng

RT: 9.76 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

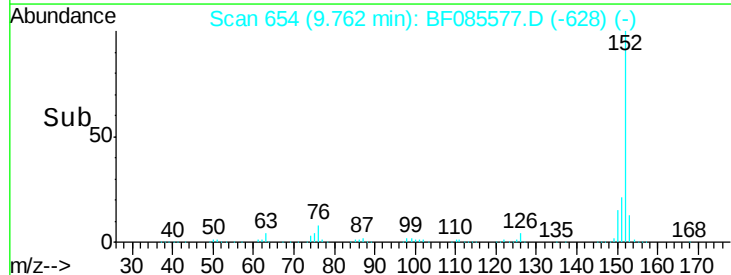
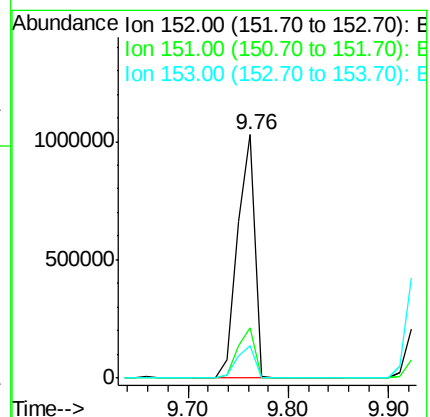
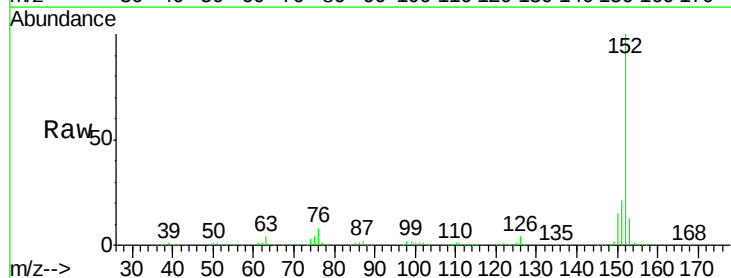
Tgt Ion: 152 Resp: 1226245

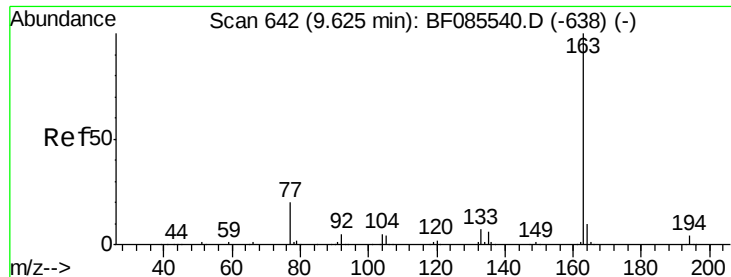
Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

153 13.2 10.9 16.3

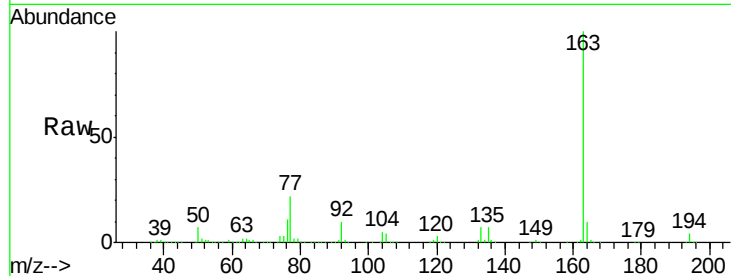




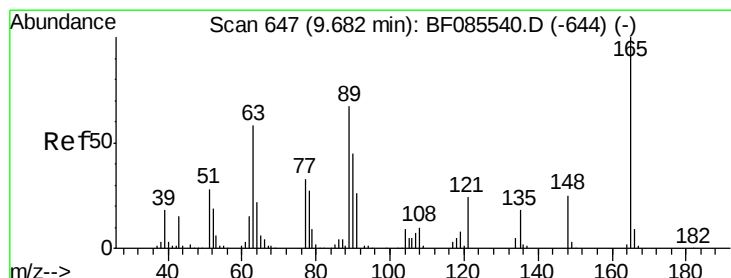
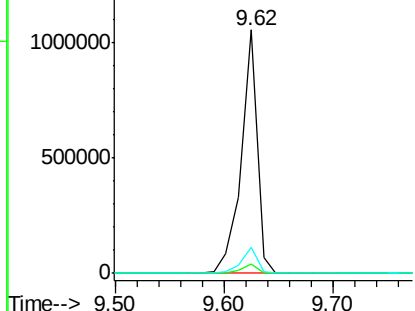
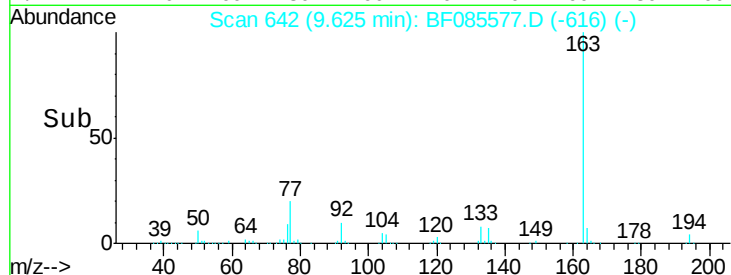
#49
Dimethylphthalate
Concen: 110.32 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

Instrument :
BNA_F
ClientSampled :
SB-1(8-9)MS

Tgt Ion:163 Resp: 1065904
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.5 8.3 12.5

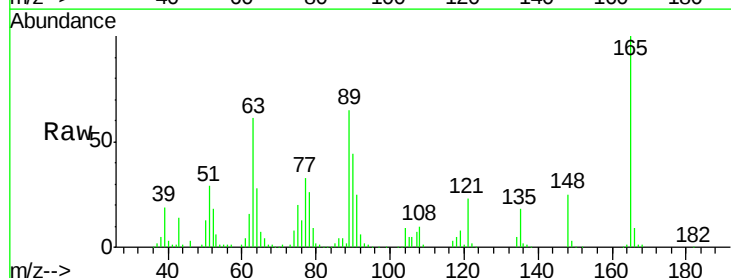


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

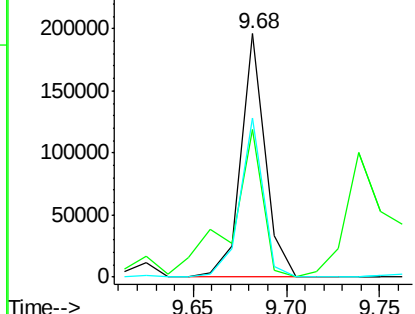
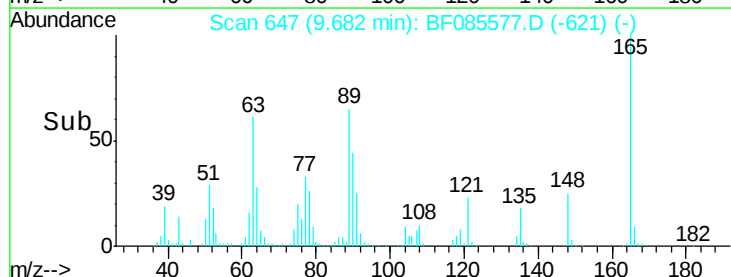


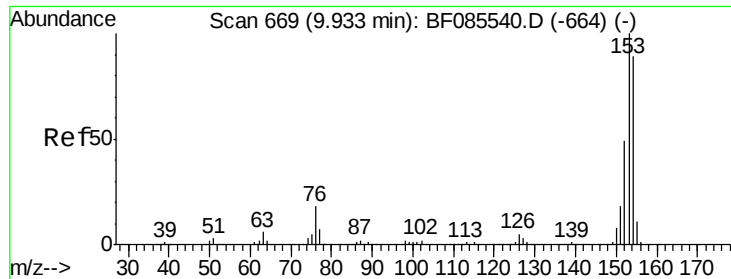
#50
2,6-Dinitrotoluene
Concen: 87.13 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

Tgt Ion:165 Resp: 177728
Ion Ratio Lower Upper
165 100
63 60.8 51.8 77.8
89 65.5 53.7 80.5



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: 99.08 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

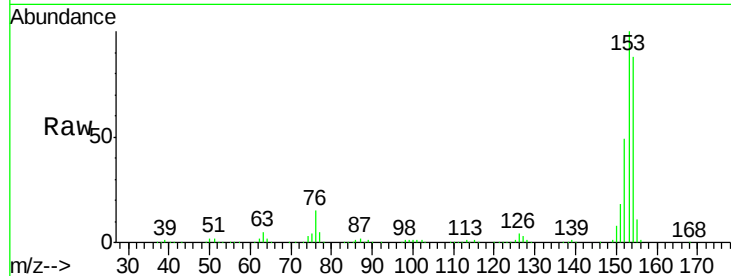
Tgt Ion:154 Resp: 811838

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

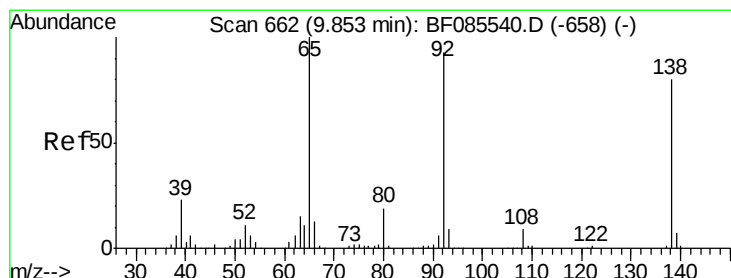
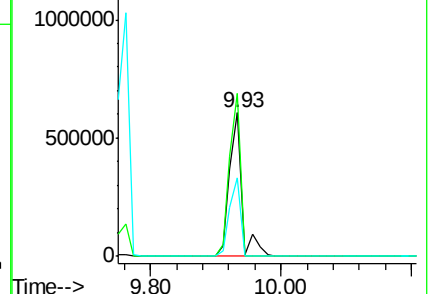
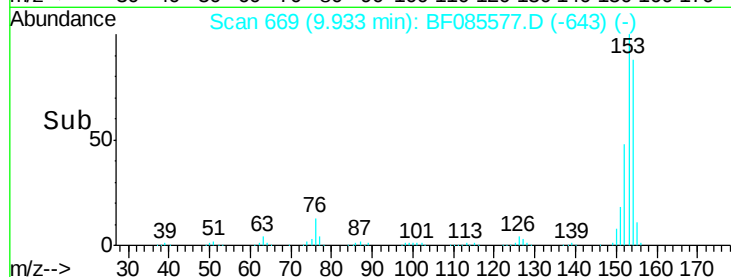
152 54.9 44.2 66.2



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: 67.01 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

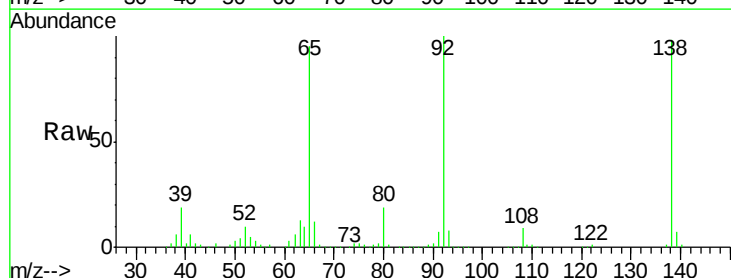
Tgt Ion:138 Resp: 171182

Ion Ratio Lower Upper

138 100

108 9.6 8.7 13.1

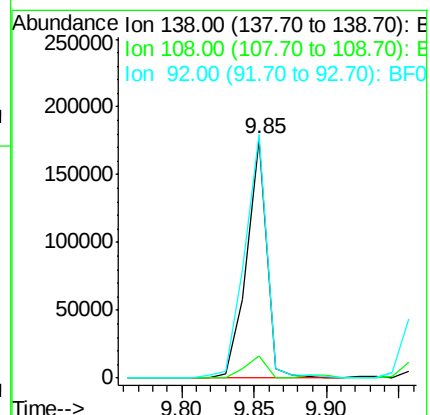
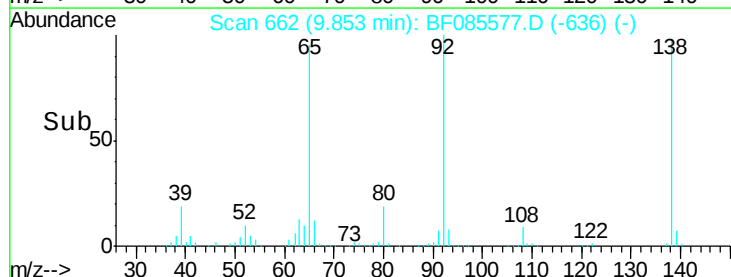
92 102.1 93.3 139.9

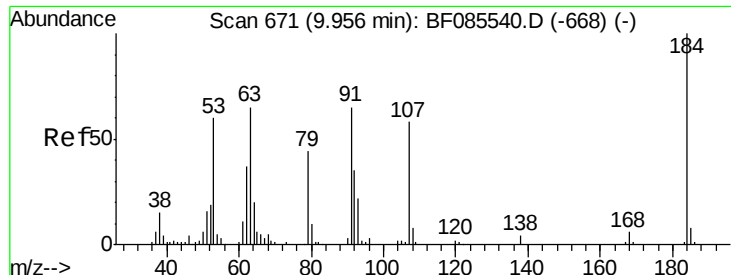


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

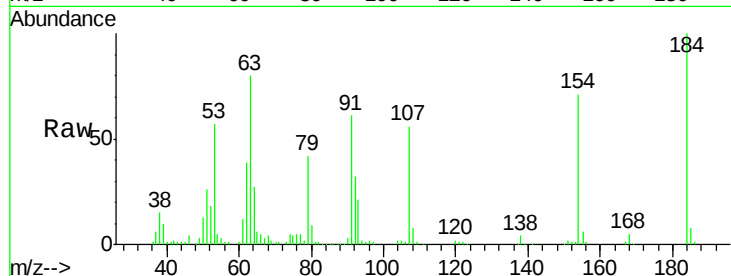




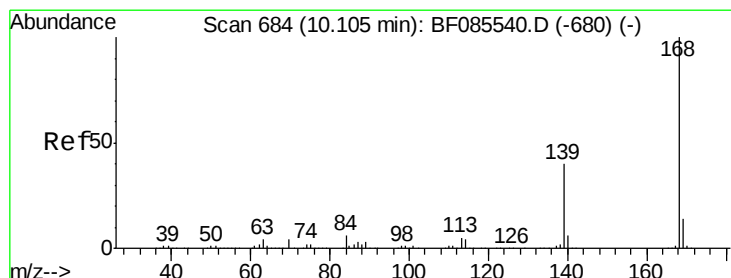
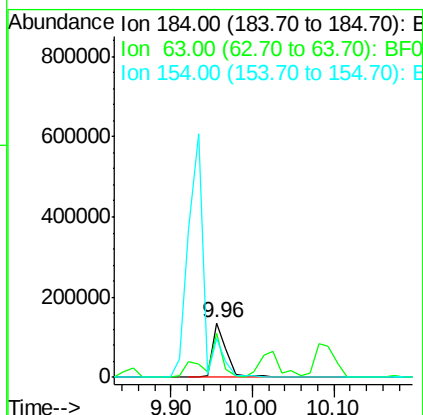
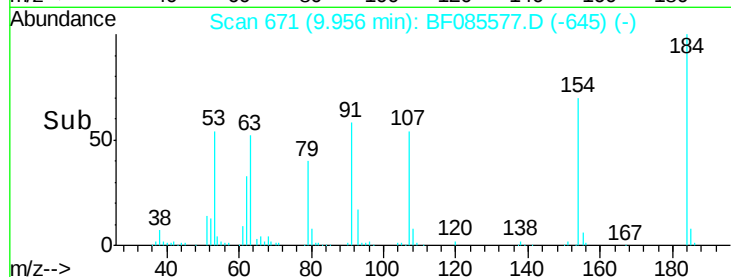
#53
 2,4-Dinitrophenol
 Concen: 128.52 ng
 RT: 9.96 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion:184 Resp: 160591
 Ion Ratio Lower Upper
 184 100
 63 80.1 69.5 104.3
 154 70.5 58.3 87.5

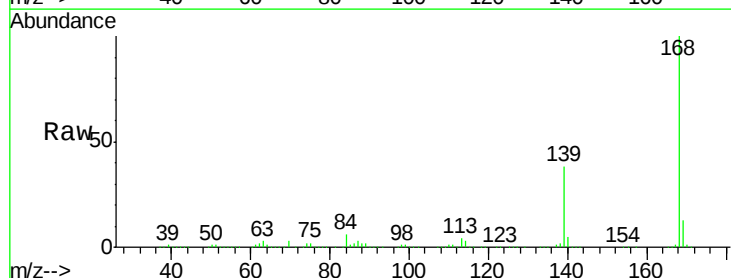


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

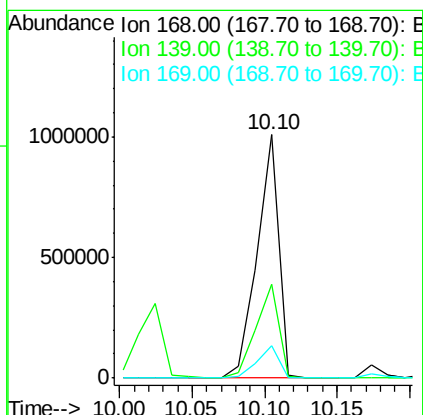
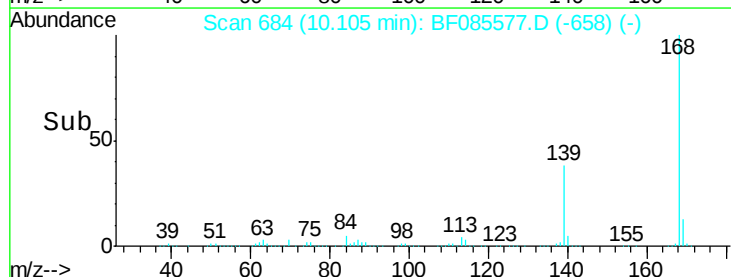


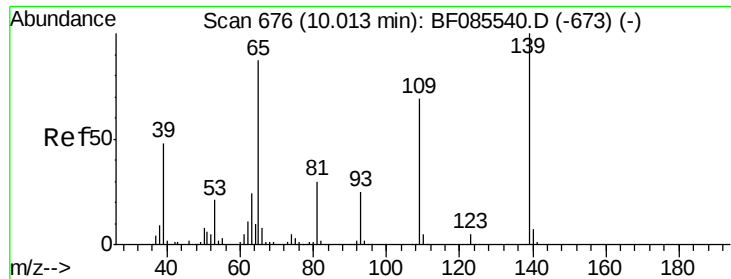
#54
 Dibenzofuran
 Concen: 104.80 ng
 RT: 10.10 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion:168 Resp: 1045664
 Ion Ratio Lower Upper
 168 100
 139 38.3 31.9 47.9
 169 13.4 11.0 16.6



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

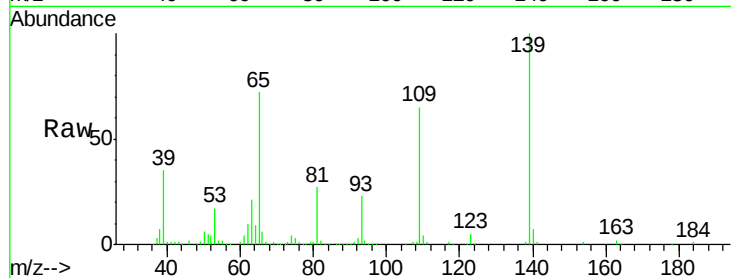




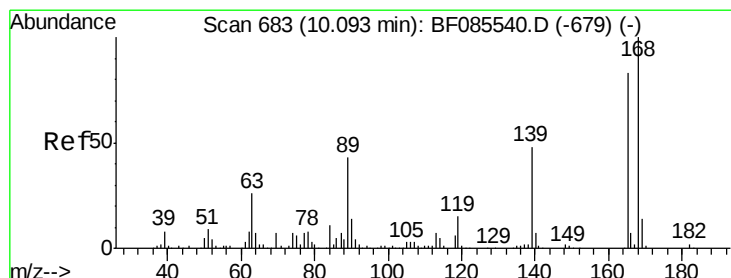
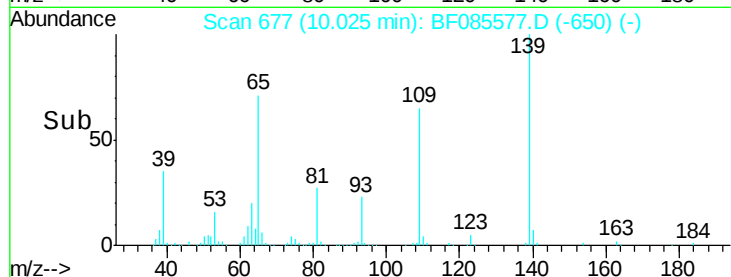
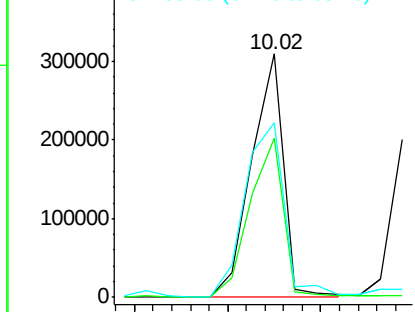
#55
4-Nitrophenol
Concen: 188.61 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

Tgt Ion:139 Resp: 372372
Ion Ratio Lower Upper
139 100
109 65.2 49.2 89.2
65 71.5 66.9 106.9

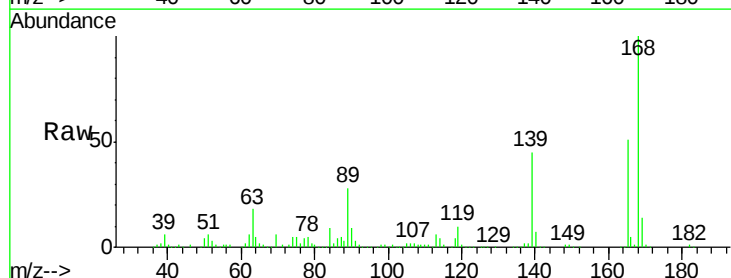


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

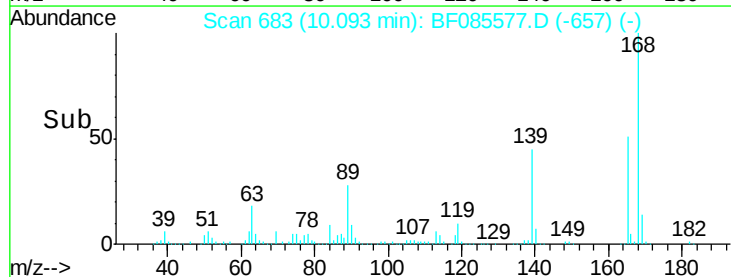
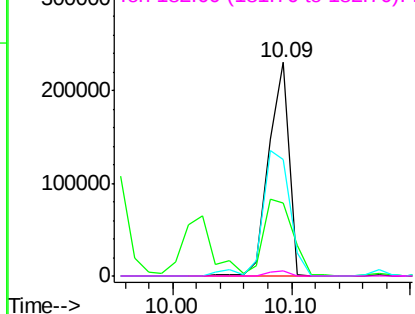


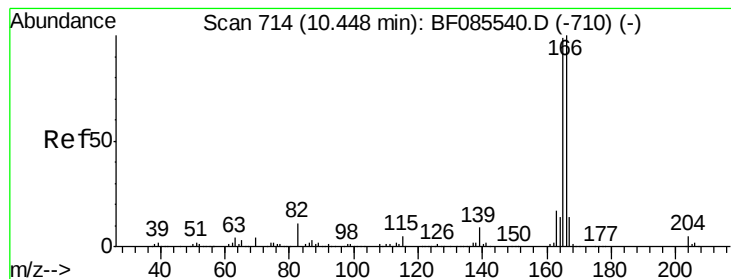
#56
2,4-Dinitrotoluene
Concen: 102.95 ng
RT: 10.09 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

Tgt Ion:165 Resp: 274925
Ion Ratio Lower Upper
165 100
63 34.3 24.9 37.3
89 54.3 41.0 61.6
182 2.6 2.1 3.1



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 94.21 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

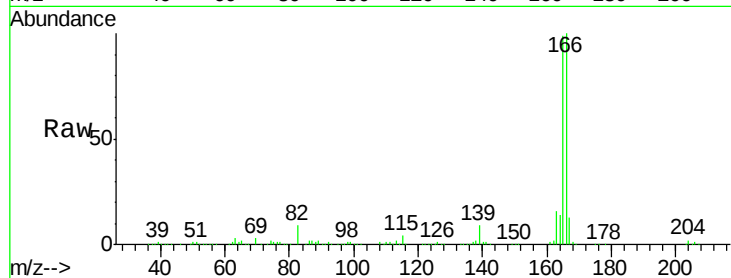
Tgt Ion:166 Resp: 783414

Ion Ratio Lower Upper

166 100

165 99.2 79.4 119.0

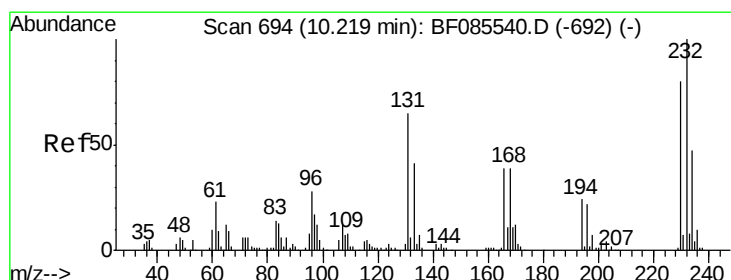
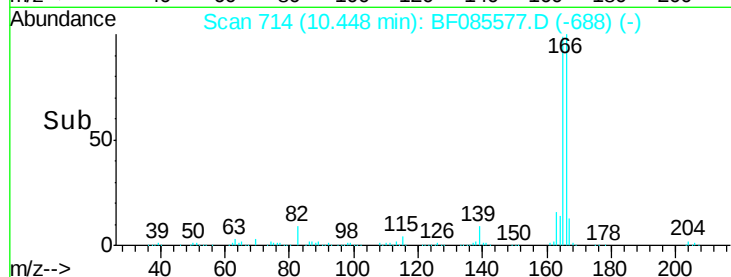
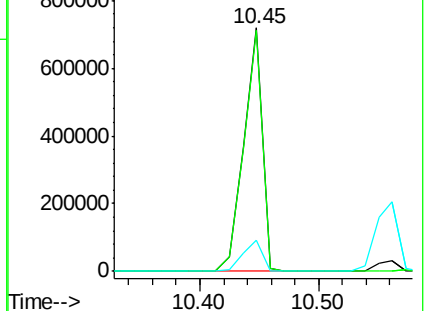
167 13.0 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 101.92 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Tgt Ion:232 Resp: 198551

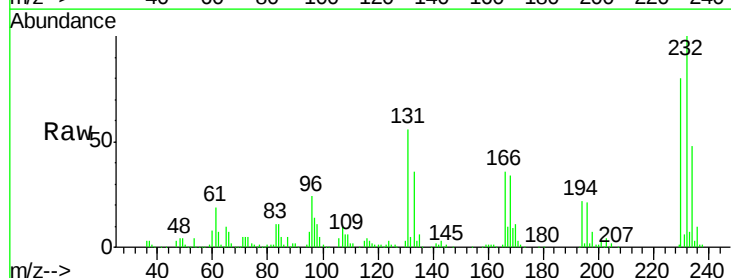
Ion Ratio Lower Upper

232 100

131 55.2 44.9 67.3

130 2.8 2.3 3.5

166 33.7 28.1 42.1

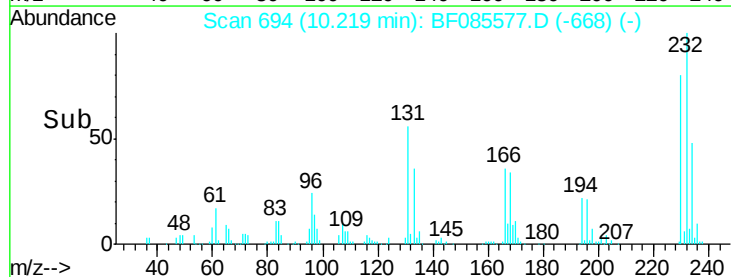
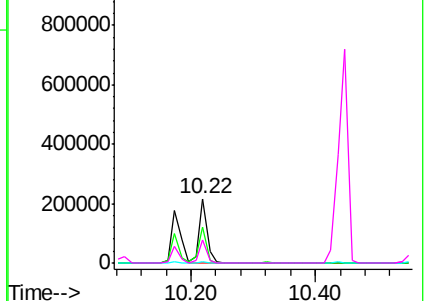


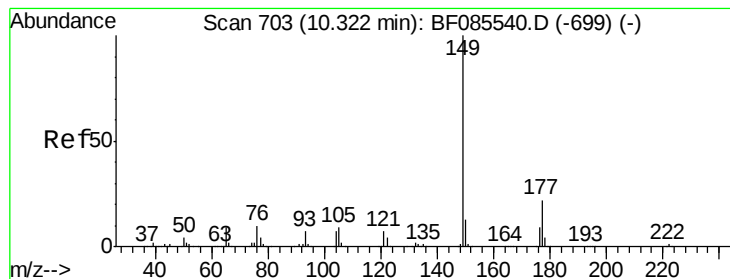
Abundance Ion 232.00 (231.70 to 232.70): E

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: 86.15 ng

RT: 10.32 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

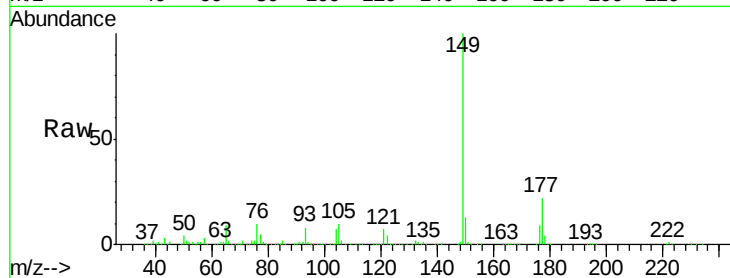
Tgt Ion:149 Resp: 827543

Ion Ratio Lower Upper

149 100

177 22.0 17.9 26.9

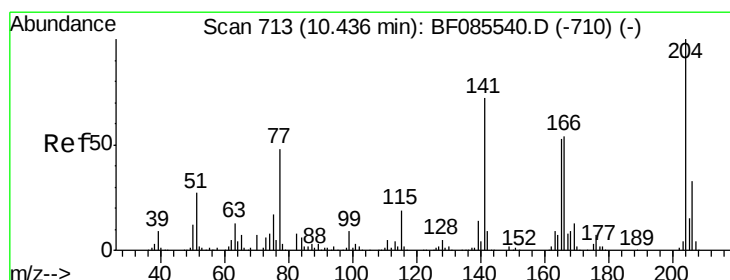
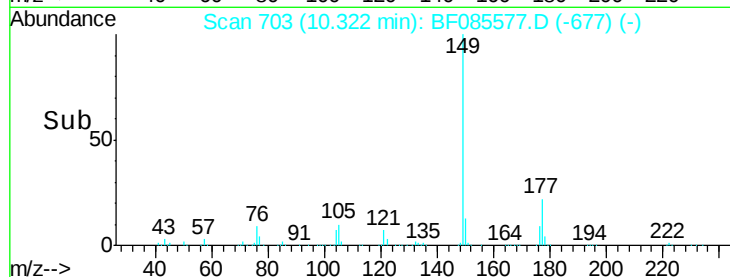
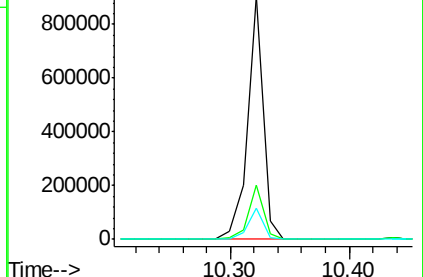
150 12.8 10.2 15.2



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: 91.15 ng

RT: 10.44 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

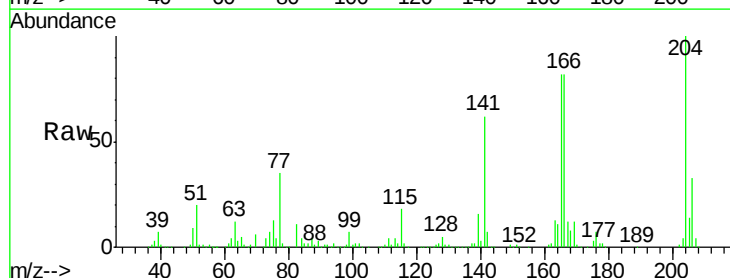
Tgt Ion:204 Resp: 370146

Ion Ratio Lower Upper

204 100

206 33.1 26.6 39.8

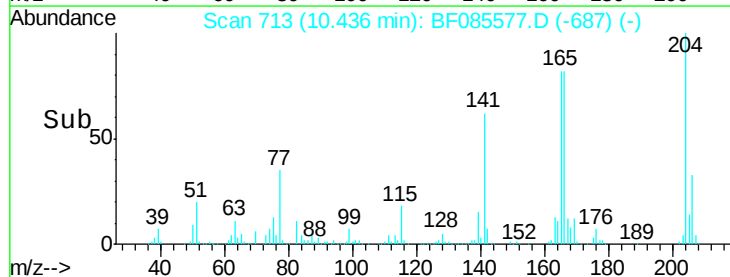
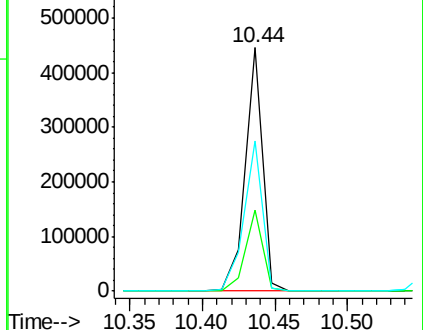
141 61.6 57.4 86.0

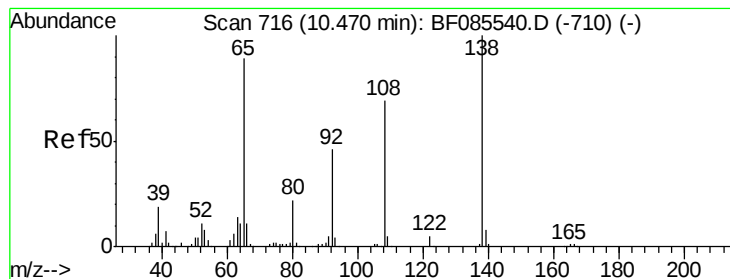


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 88.55 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

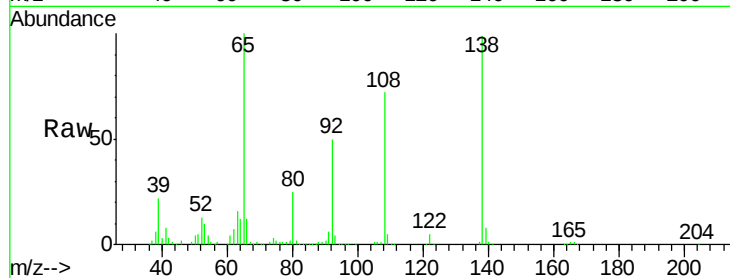
Tgt Ion:138 Resp: 222974

Ion Ratio Lower Upper

138 100

92 50.9 26.4 66.4

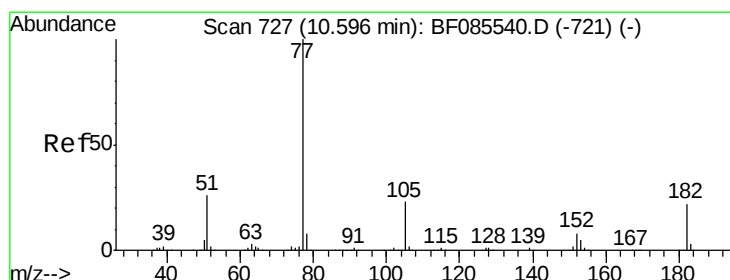
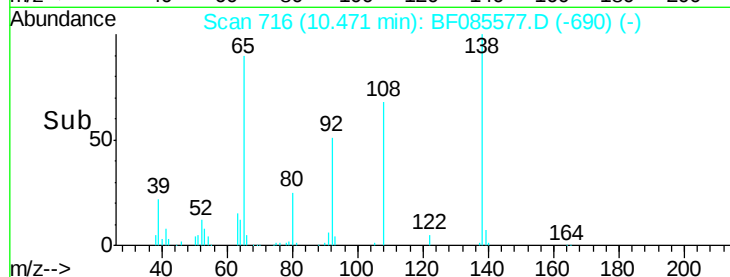
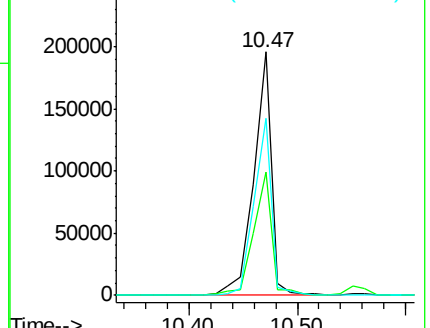
108 72.9 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 99.67 ng

RT: 10.60 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Tgt Ion: 77 Resp: 918731

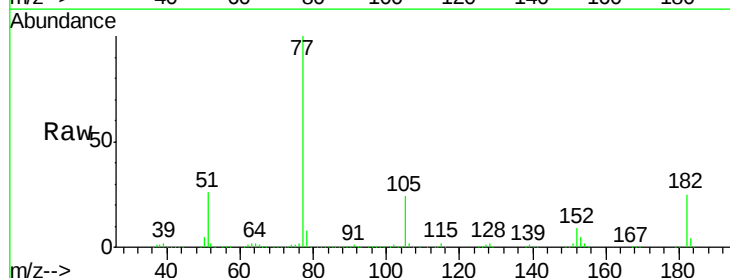
Ion Ratio Lower Upper

77 100

182 25.3 1.9 41.9

105 24.5 3.5 43.5

51 25.6 6.3 46.3

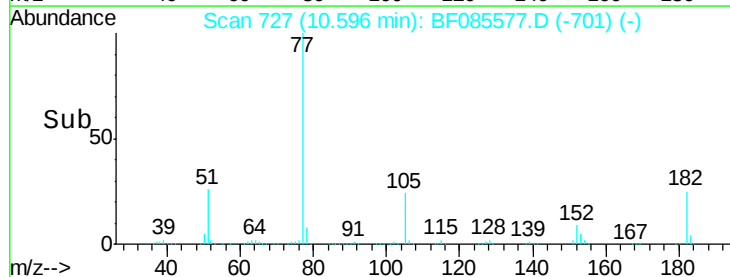
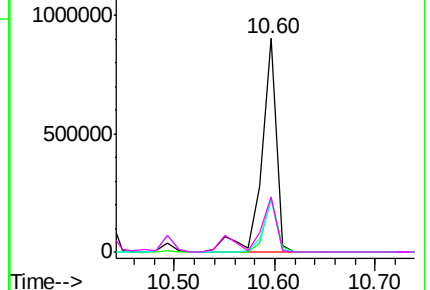


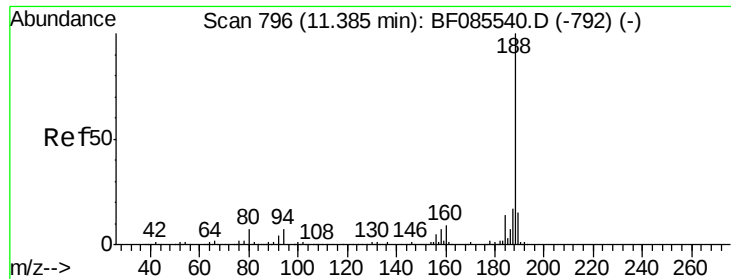
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

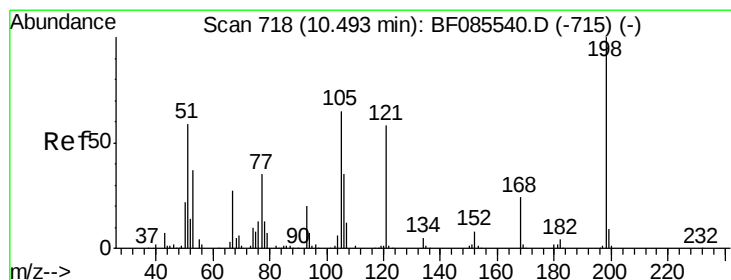
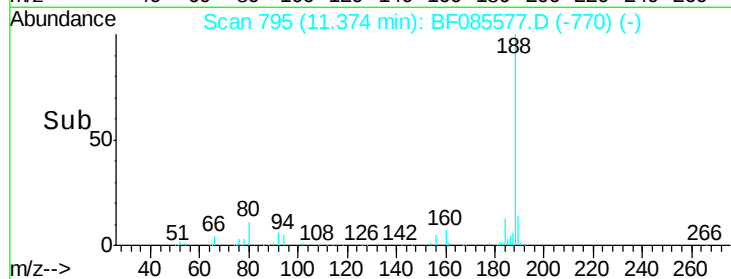
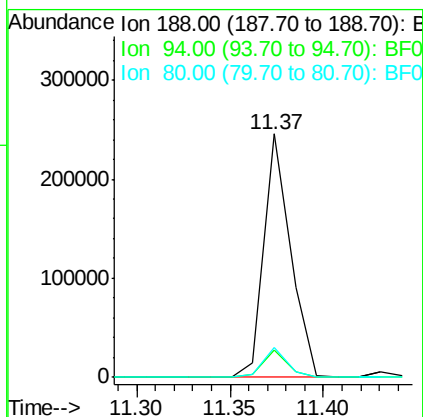
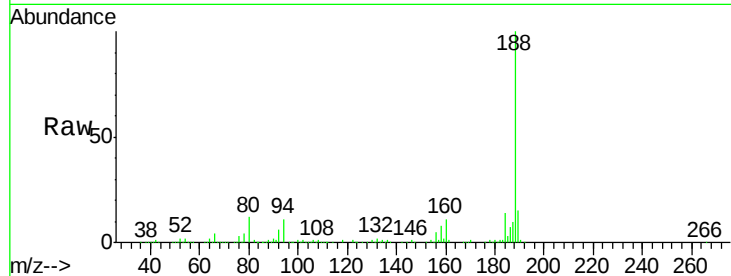




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

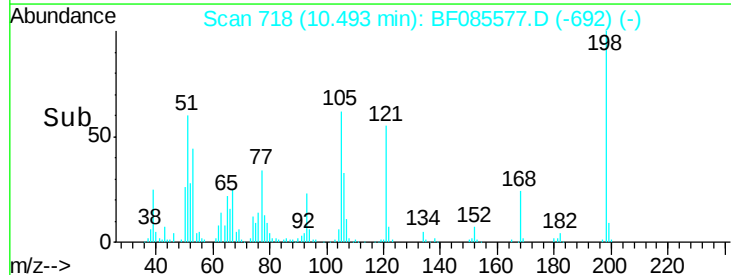
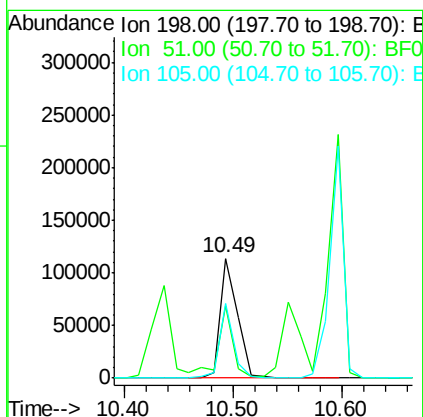
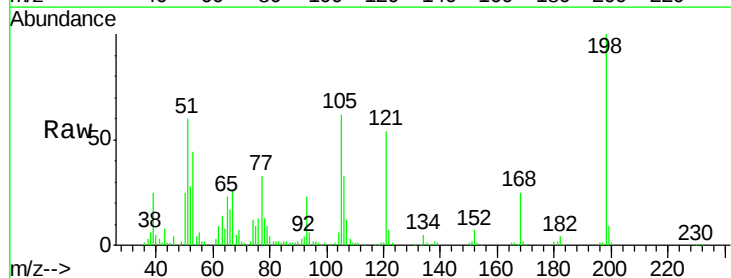
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

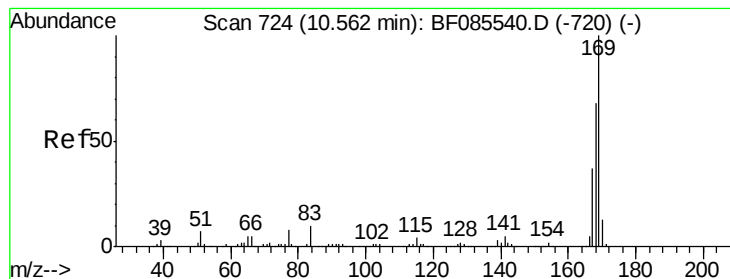
Tgt Ion:188 Resp: 243205
Ion Ratio Lower Upper
188 100
94 11.4 5.4 8.0#
80 12.0 5.5 8.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 80.74 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

Tgt Ion:198 Resp: 125659
Ion Ratio Lower Upper
198 100
51 60.2 45.4 85.4
105 62.2 45.9 85.9





#65

n-Nitrosodiphenylamine

Concen: 93.32 ng

RT: 10.56 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

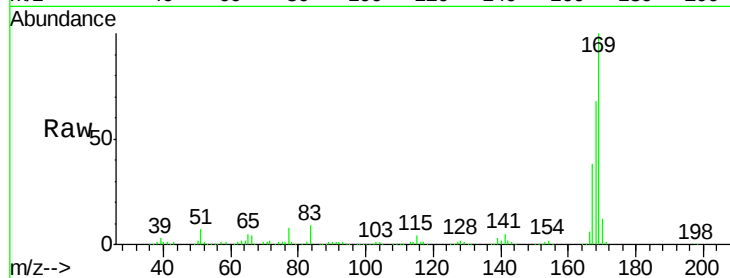
Tgt Ion:169 Resp: 706962

Ion Ratio Lower Upper

169 100

168 68.1 54.4 81.6

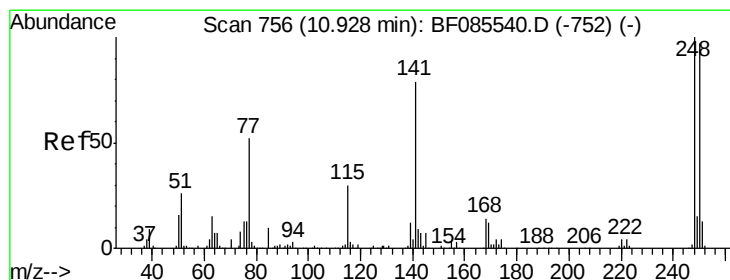
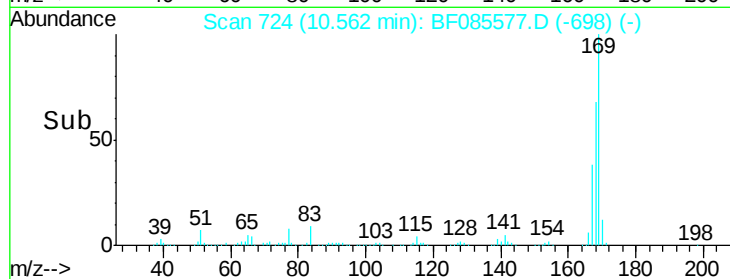
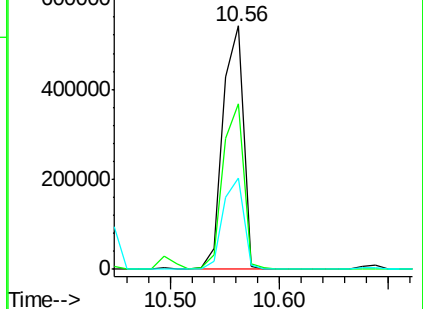
167 37.7 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 97.40 ng

RT: 10.93 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

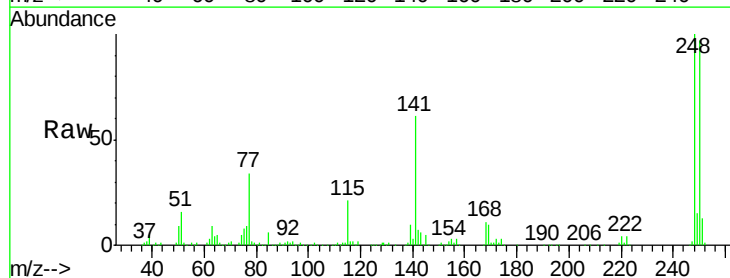
Tgt Ion:248 Resp: 236636

Ion Ratio Lower Upper

248 100

250 97.5 77.4 116.0

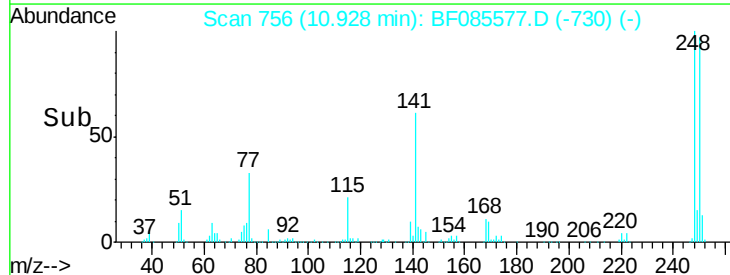
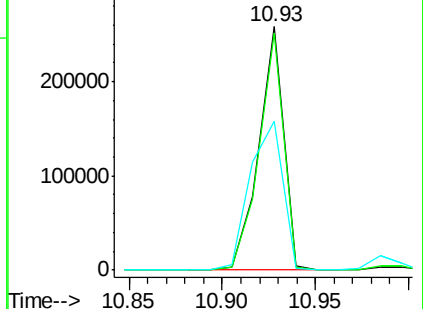
141 61.0 63.6 95.4#

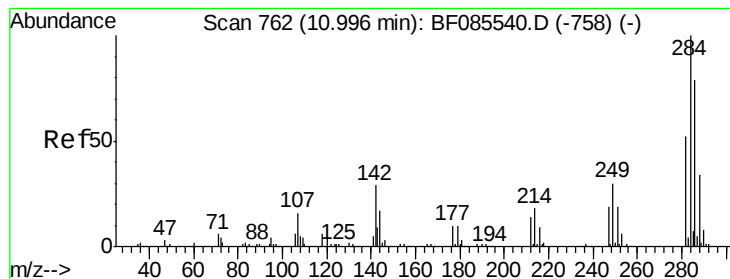


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 96.46 ng

RT: 11.00 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

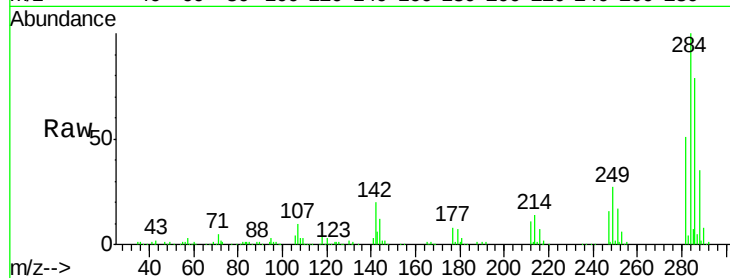
Tgt Ion:284 Resp: 248977

Ion Ratio Lower Upper

284 100

142 19.6 23.1 34.7#

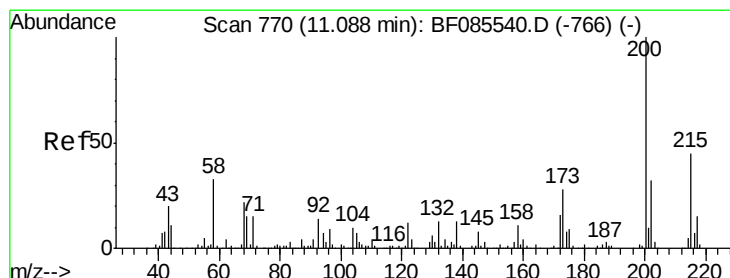
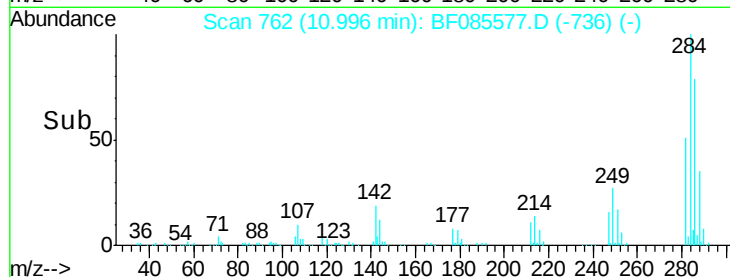
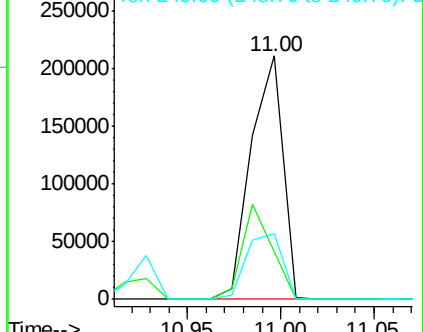
249 27.2 24.2 36.2



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: 108.58 ng

RT: 11.09 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

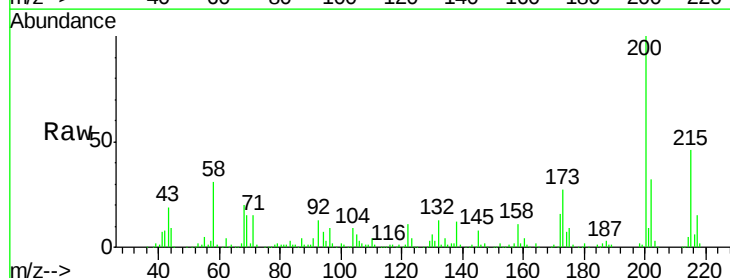
Tgt Ion:200 Resp: 250432

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

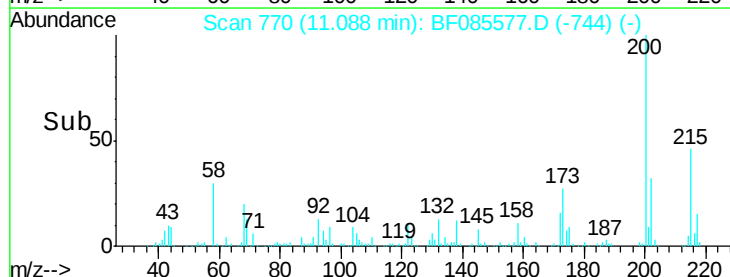
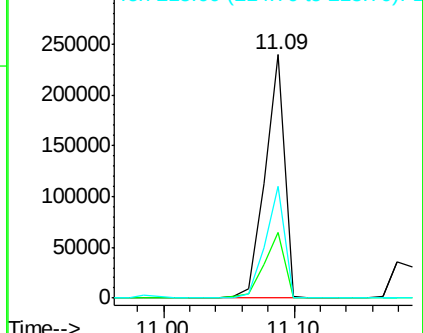
215 45.7 25.4 65.4



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

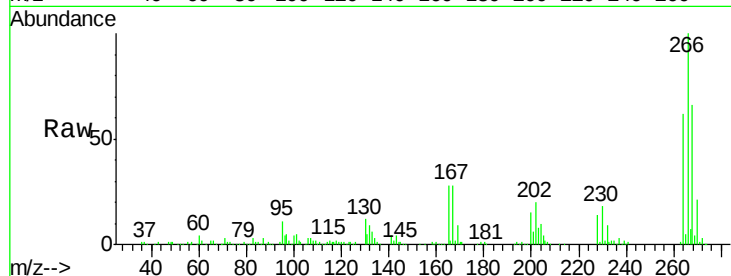




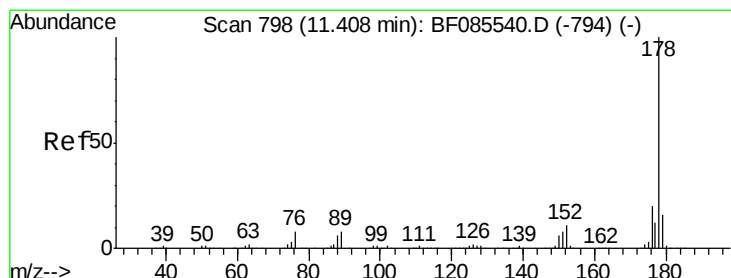
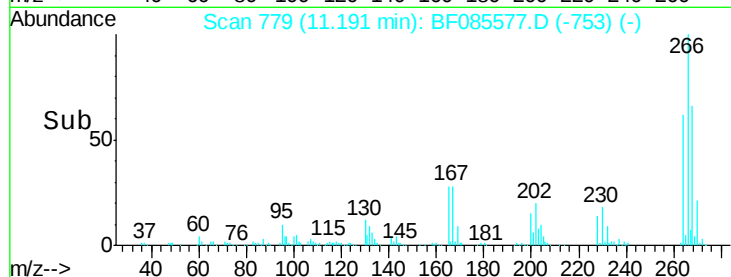
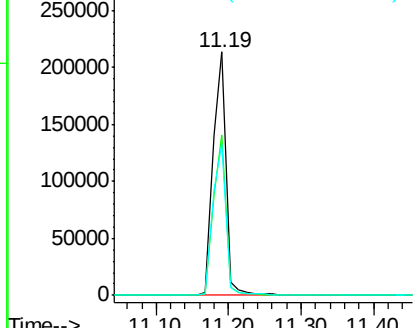
#69
 Pentachlorophenol
 Concen: 168.72 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion:266 Resp: 264405
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.5 77.3
 264 62.4 50.6 76.0

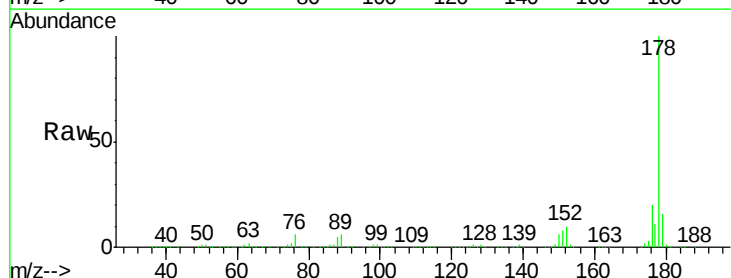


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

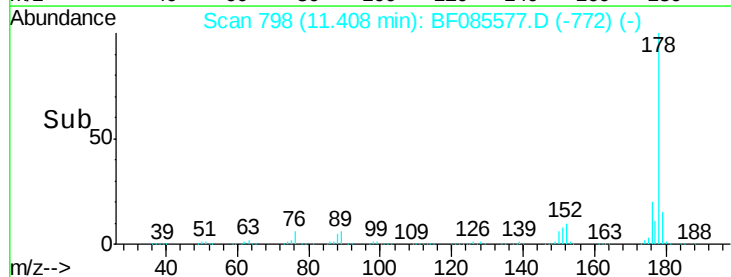
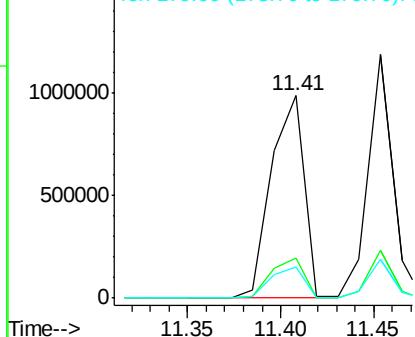


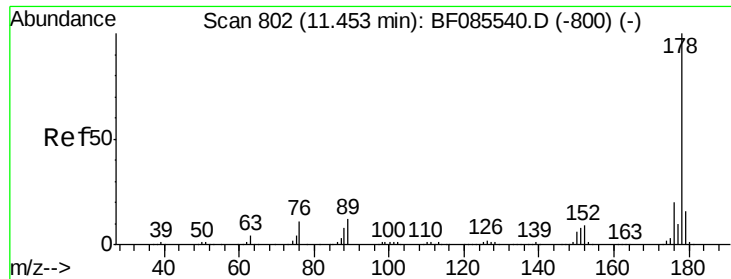
#70
 Phenanthrene
 Concen: 94.55 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion:178 Resp: 1212519
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.3 24.5
 179 15.5 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

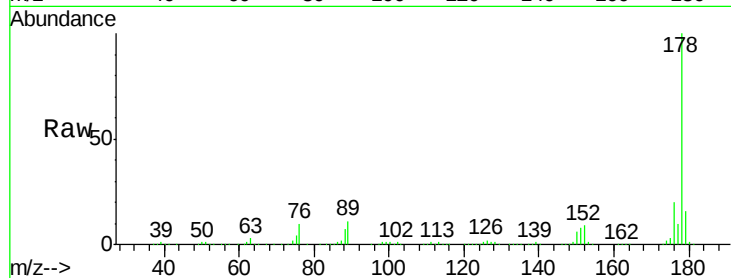




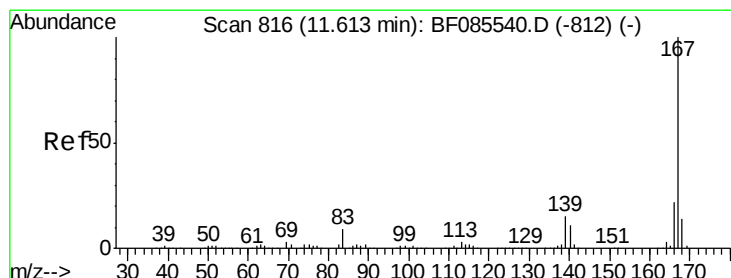
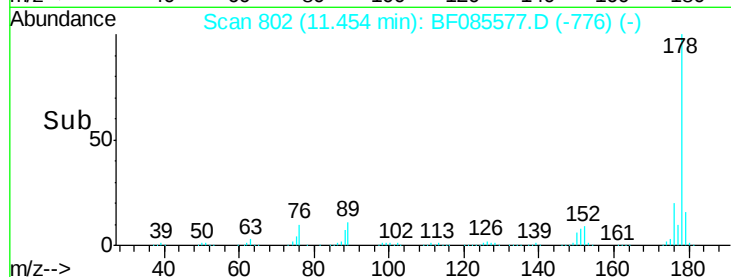
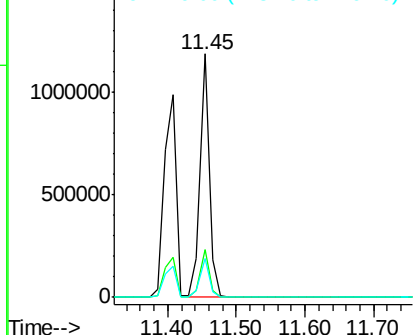
#71
 Anthracene
 Concen: 80.57 ng
 RT: 11.45 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion:178 Resp: 1083384
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.0 13.0 19.4

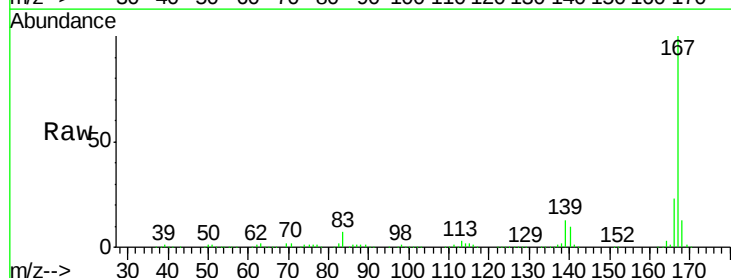


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

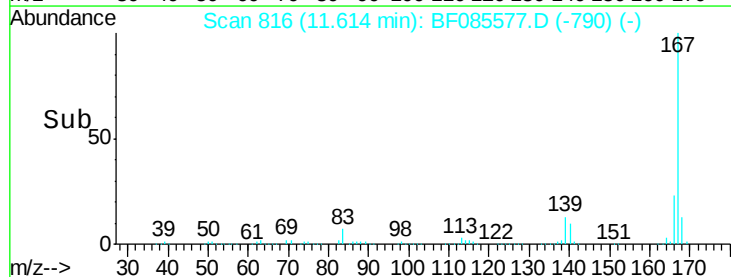
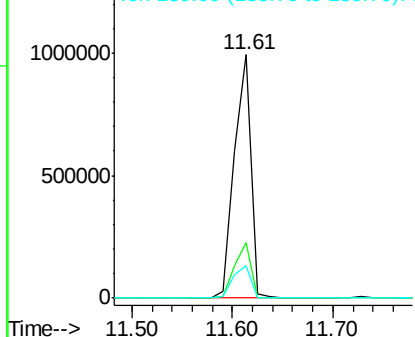


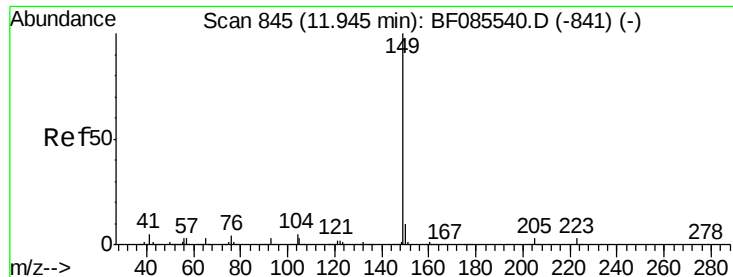
#72
 Carbazole
 Concen: 97.92 ng
 RT: 11.61 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion:167 Resp: 1135851
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.8
 139 13.4 11.6 17.4



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: 91.02 ng

RT: 11.95 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

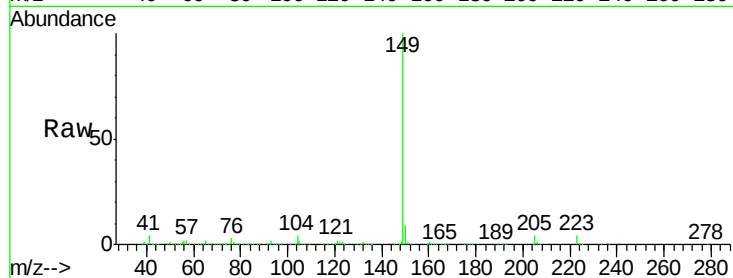
Tgt Ion:149 Resp: 1322119

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

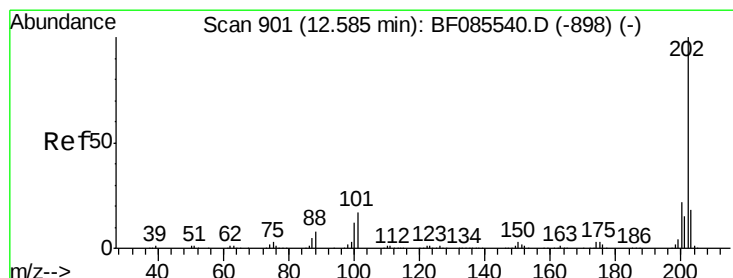
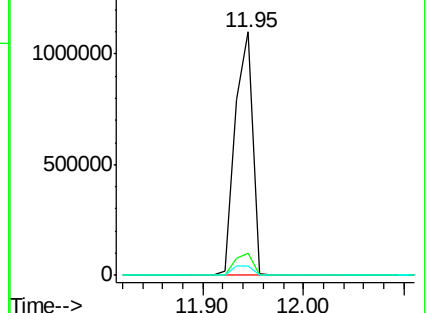
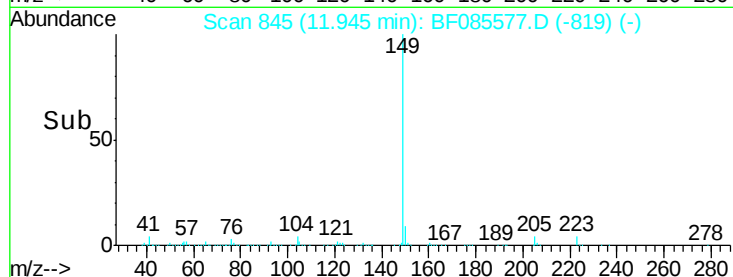
104 4.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 80.16 ng

RT: 12.59 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

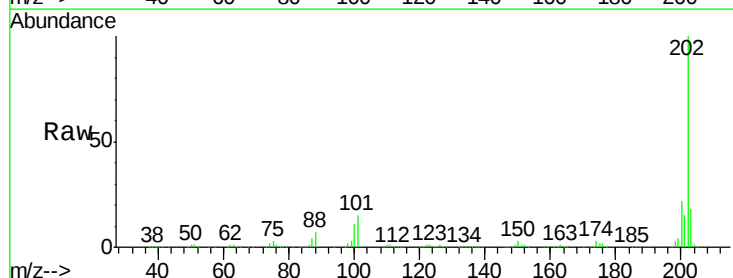
Tgt Ion:202 Resp: 1076291

Ion Ratio Lower Upper

202 100

101 14.8 0.0 36.6

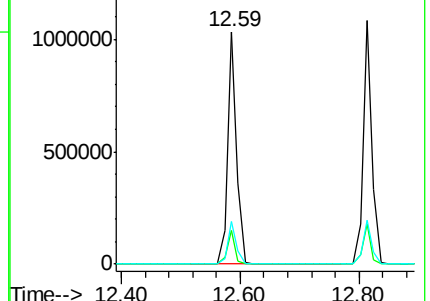
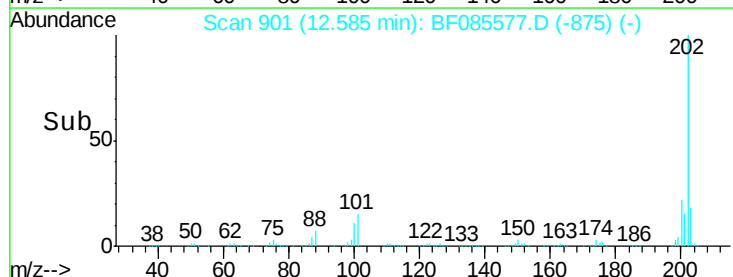
203 18.3 0.0 38.1

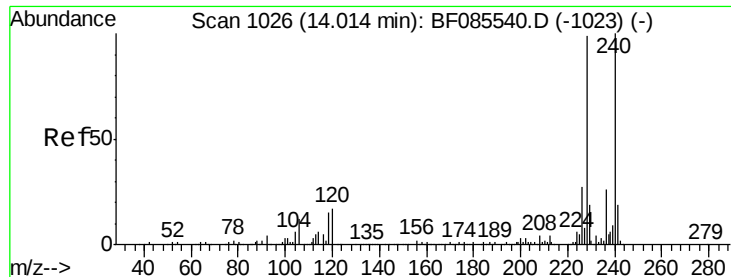


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

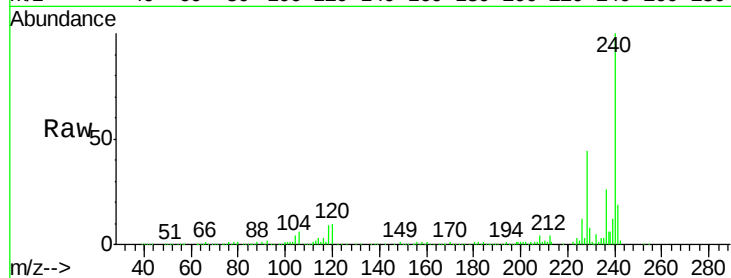
Tgt Ion:240 Resp: 196322

Ion Ratio Lower Upper

240 100

120 9.9 13.8 20.8#

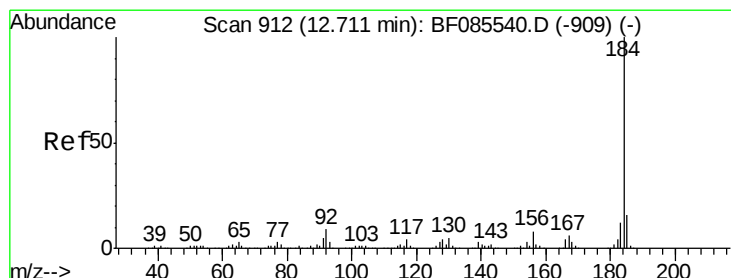
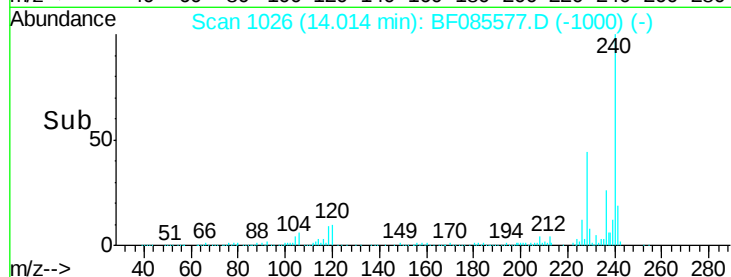
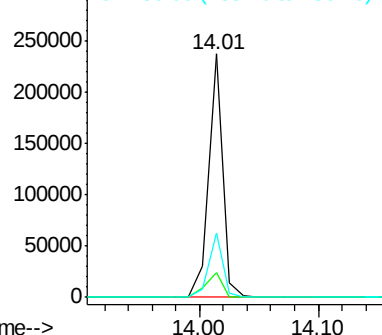
236 26.2 20.6 30.8



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: 38.48 ng

RT: 12.71 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

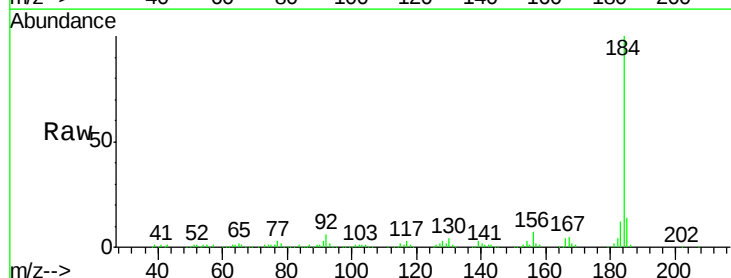
Tgt Ion:184 Resp: 254063

Ion Ratio Lower Upper

184 100

185 14.4 12.4 18.6

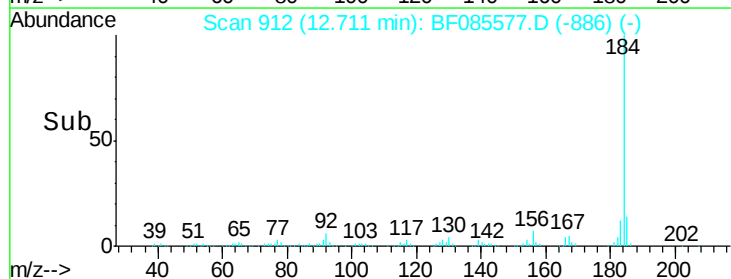
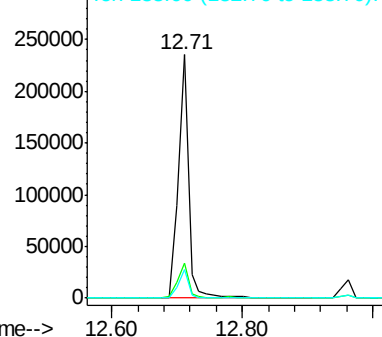
183 11.6 9.4 14.2

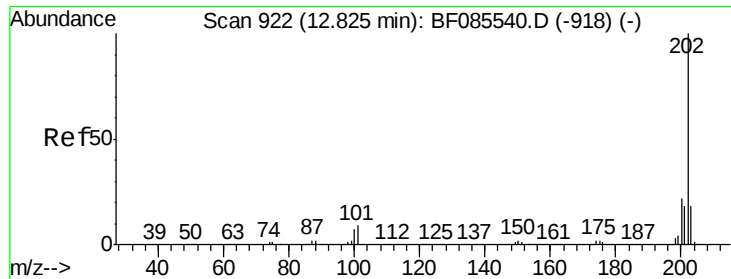


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

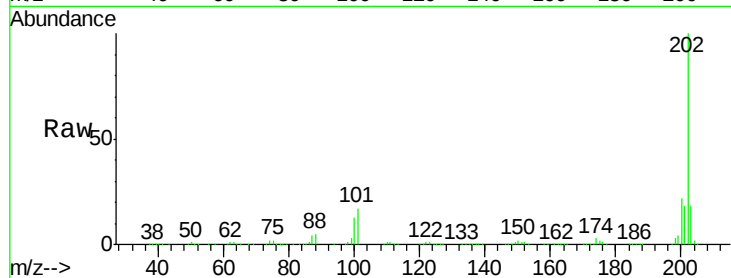




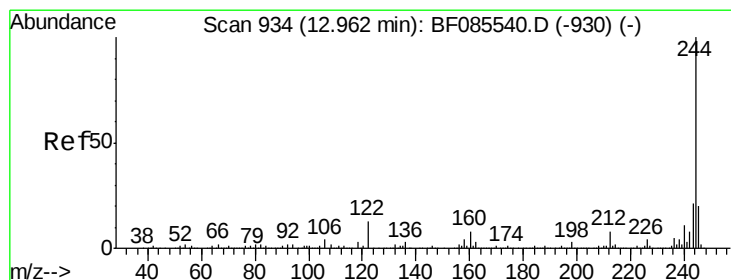
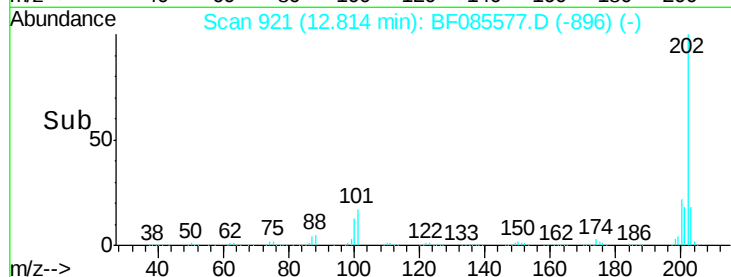
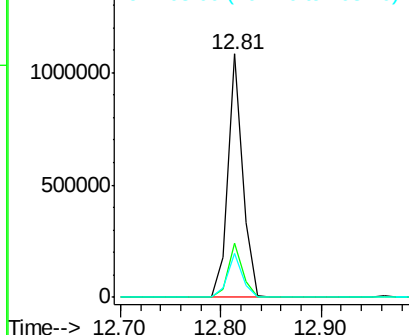
#77
 Pyrene
 Concen: 78.52 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion:202 Resp: 1106887
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.6 26.4
 203 18.2 14.0 21.0

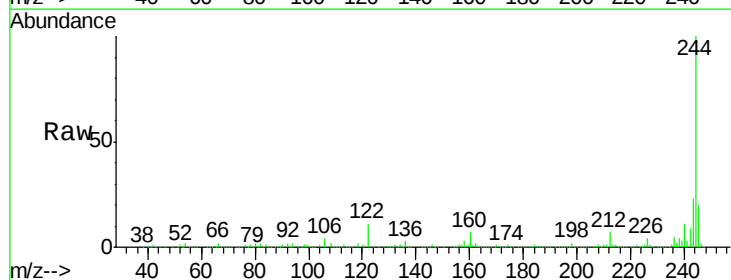


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

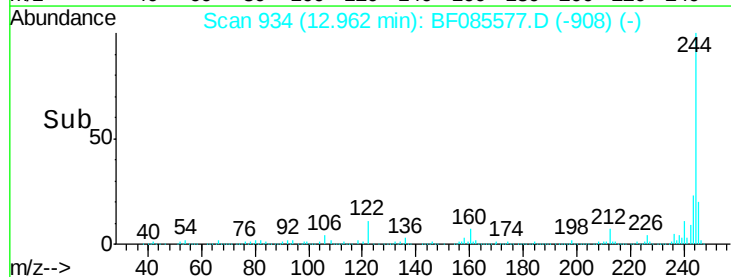
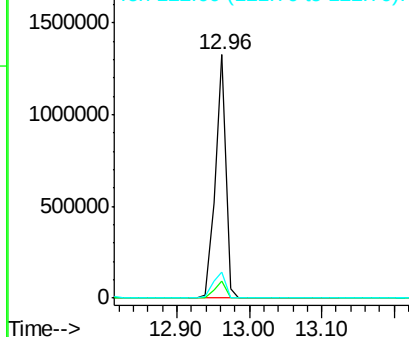


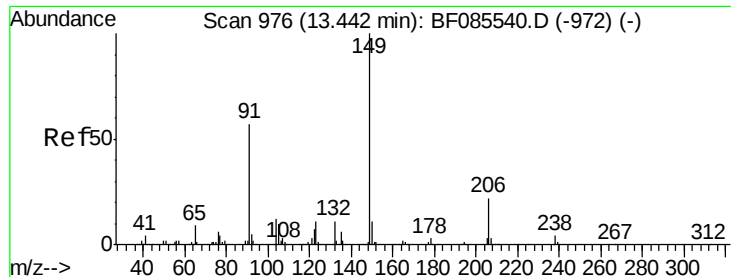
#78
 Terphenyl-d14
 Concen: 162.27 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion:244 Resp: 1323906
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.5 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

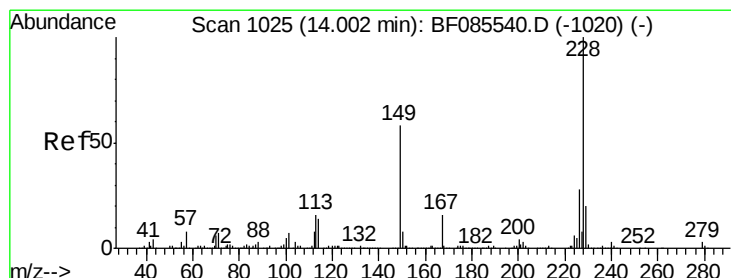
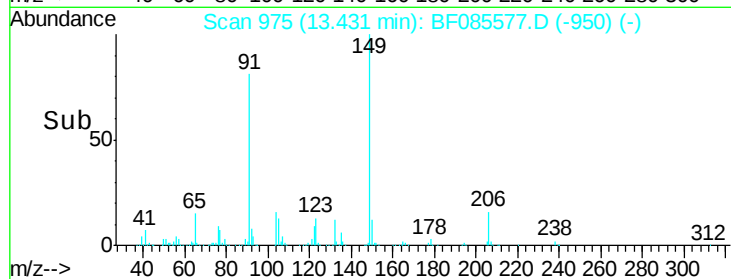
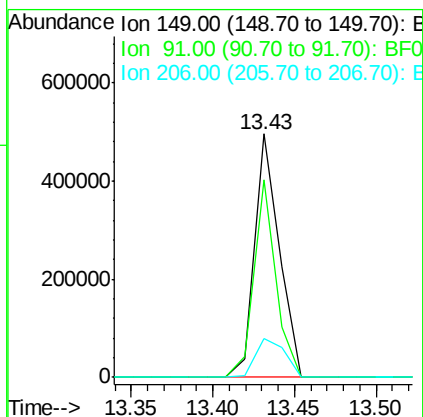
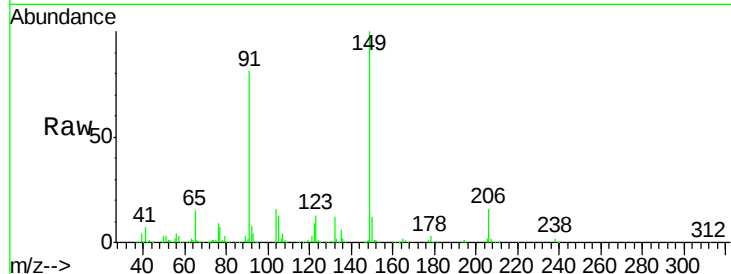




#79
Butylbenzylphthalate
Concen: 77.58 ng
RT: 13.43 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

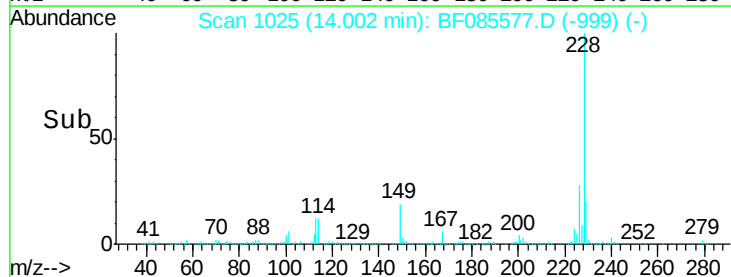
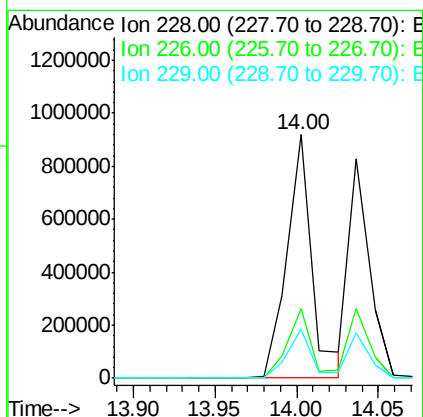
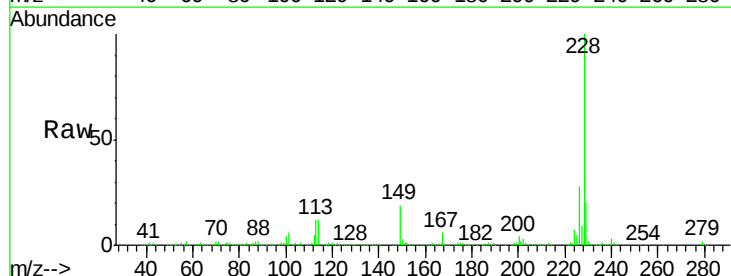
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

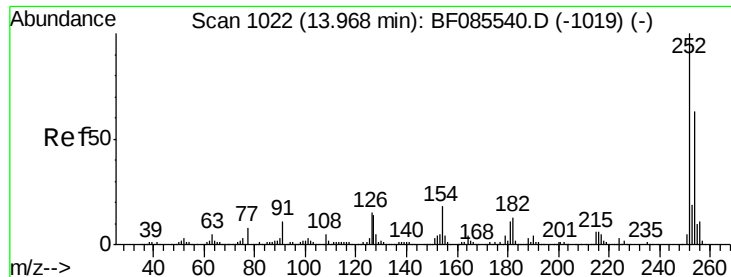
Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.0	45.8	68.8#
206	16.1	17.8	26.8#



#80
Benzo(a)anthracene
Concen: 86.69 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.0	16.2	24.4

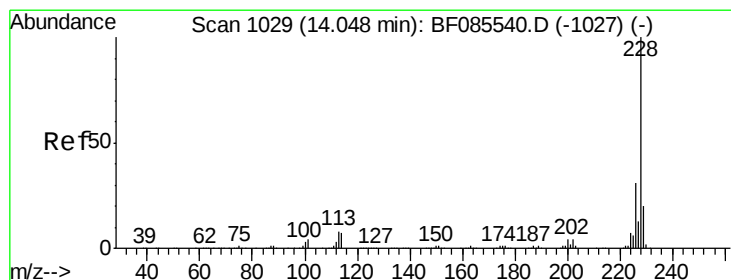
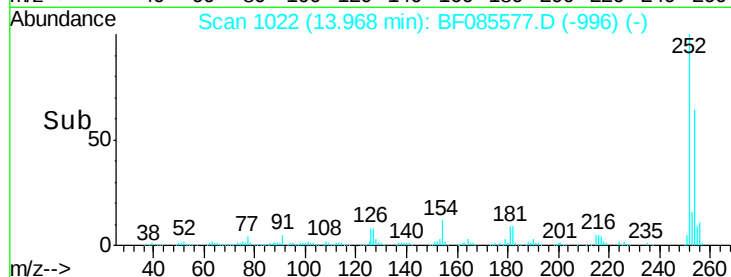
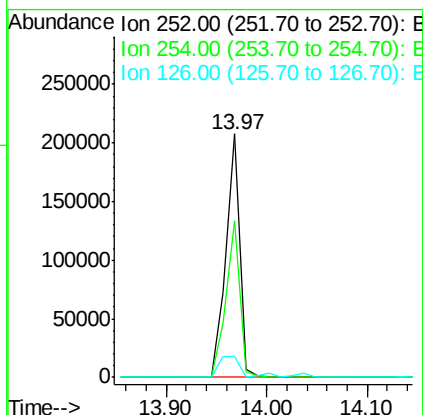
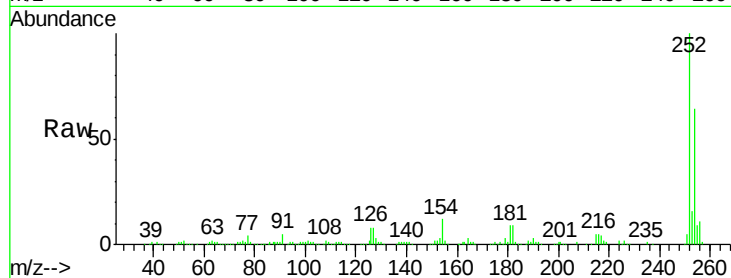




#81
 3,3'-Dichlorobenzidine
 Concen: 47.86 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

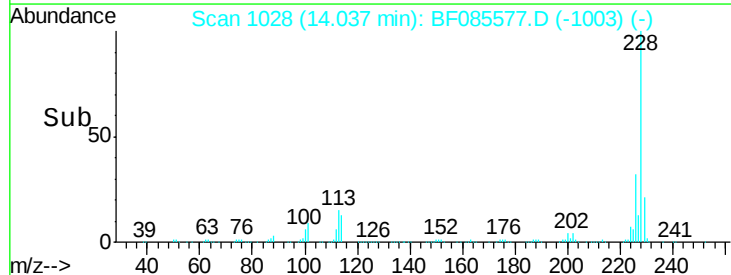
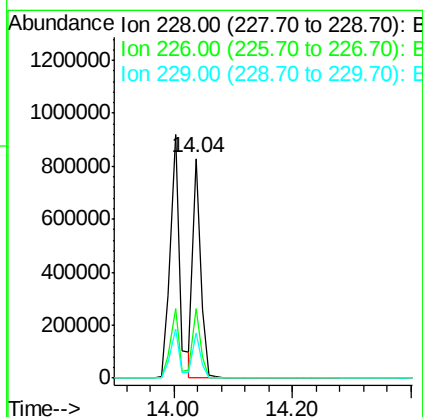
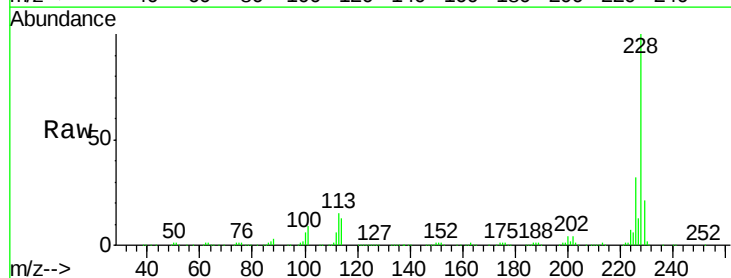
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

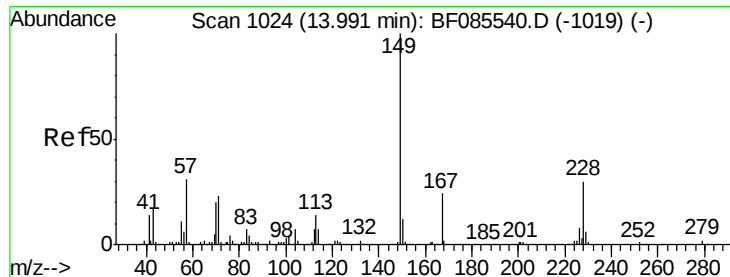
Tgt Ion:252 Resp: 199888
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.7 76.1
 126 8.4 11.8 17.6#



#82
 Chrysene
 Concen: 70.07 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion:228 Resp: 768321
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 20.5 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 78.24 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

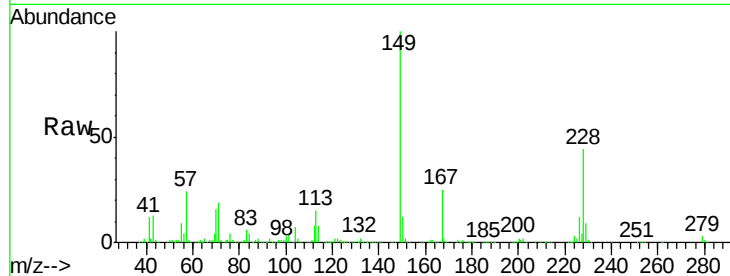
Tgt Ion:149 Resp: 653118

Ion Ratio Lower Upper

149 100

167 25.2 19.4 29.2

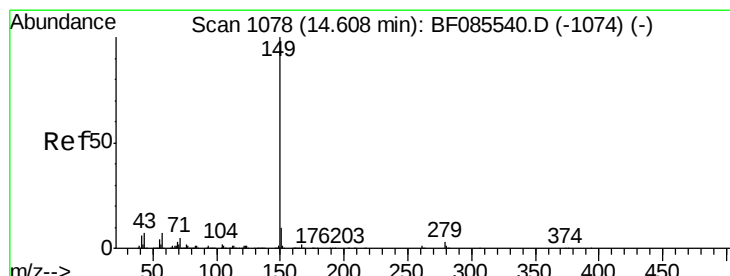
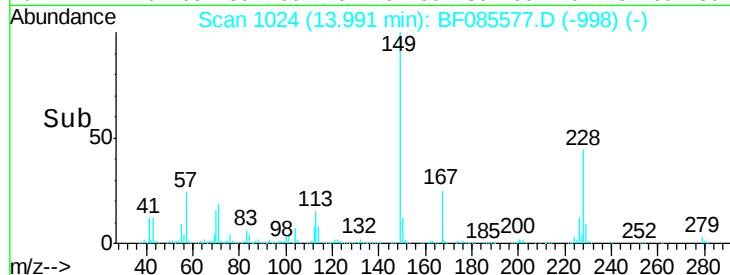
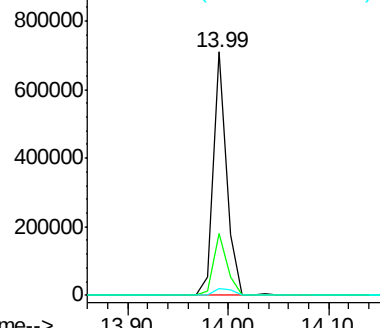
279 2.6 1.5 2.3#



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: 87.85 ng

RT: 14.61 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

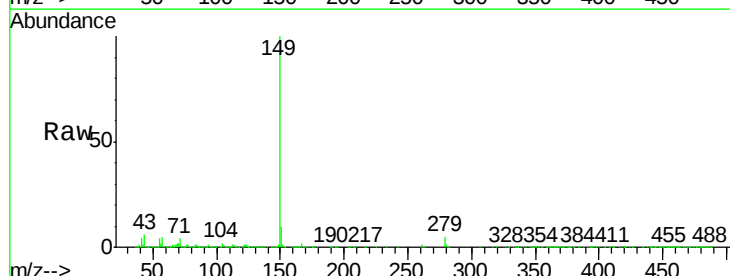
Tgt Ion:149 Resp: 1195106

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

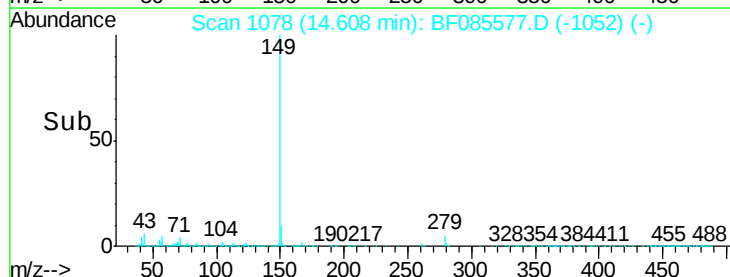
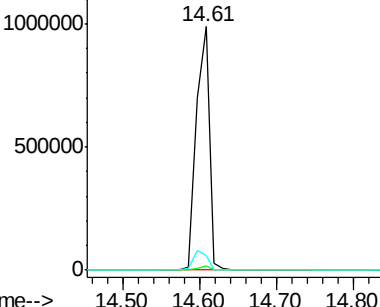
43 8.3 7.1 10.7

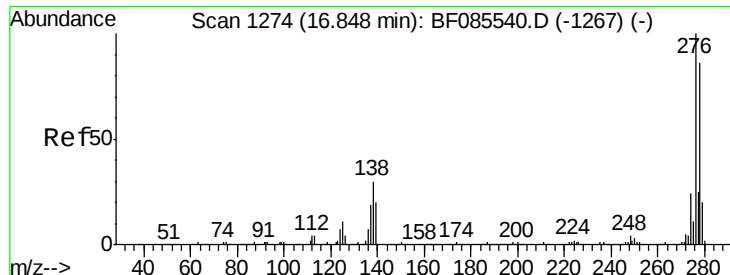


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

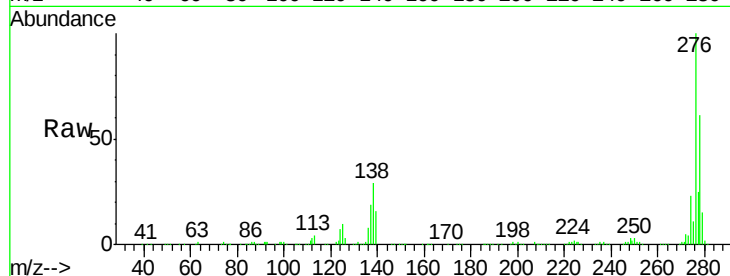




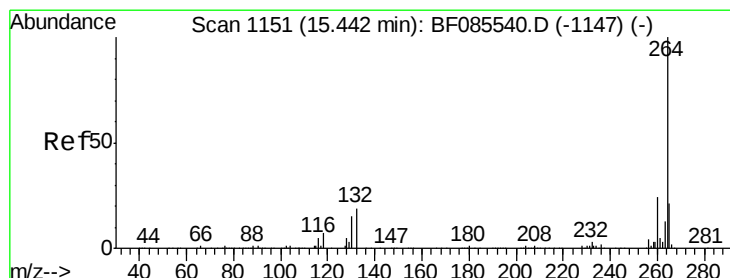
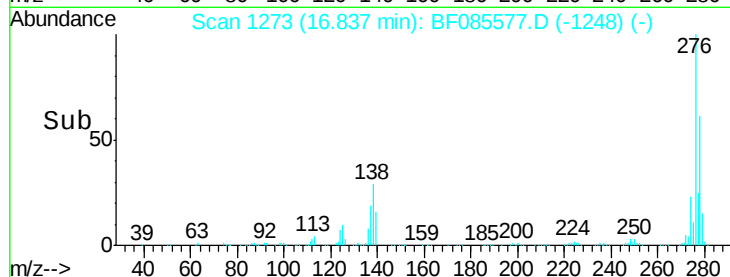
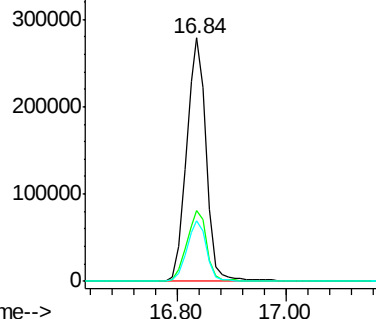
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 77.71 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.2	36.4
277	25.0	20.0	30.0

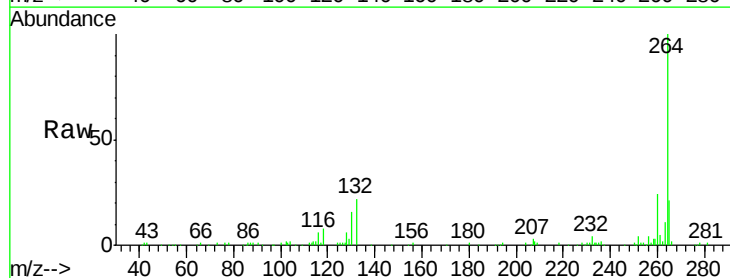


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

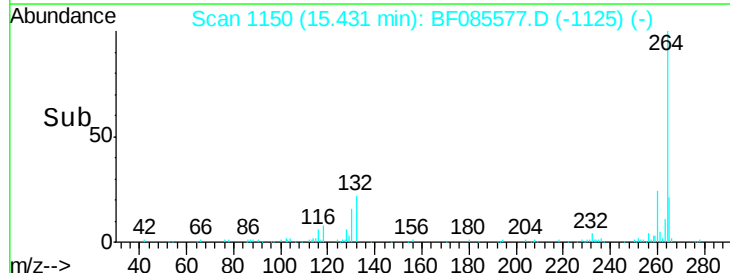
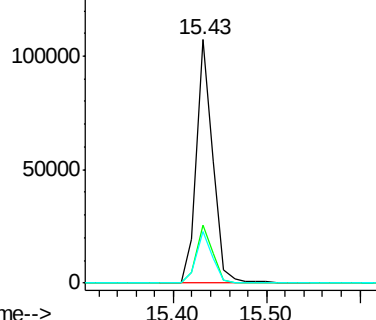


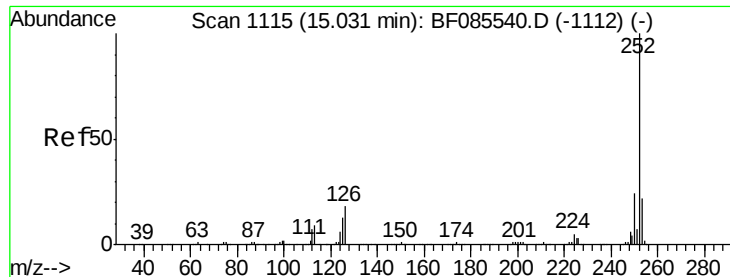
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085577.D
 Acq: 19 Mar 2016 17:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

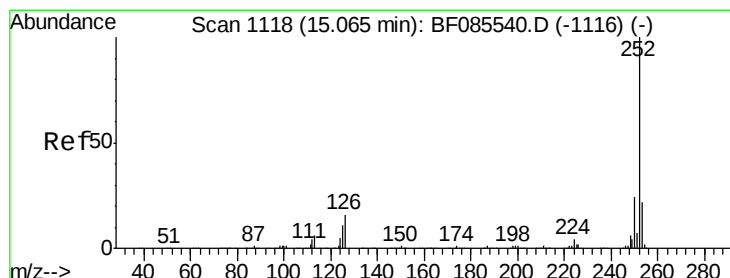
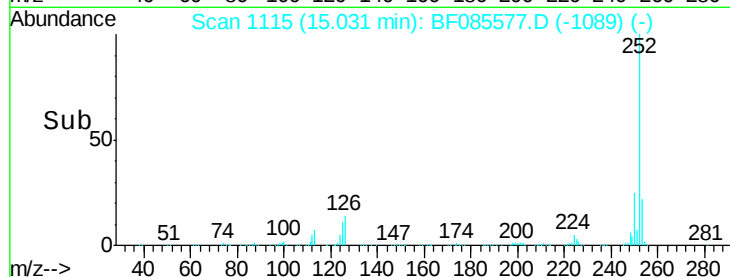
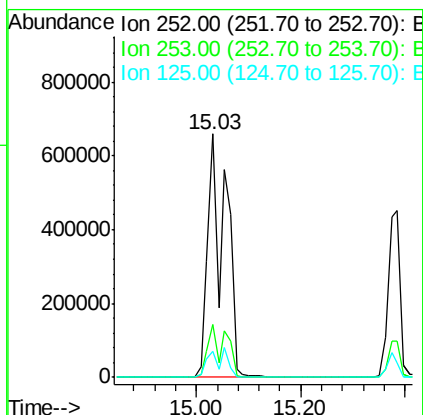
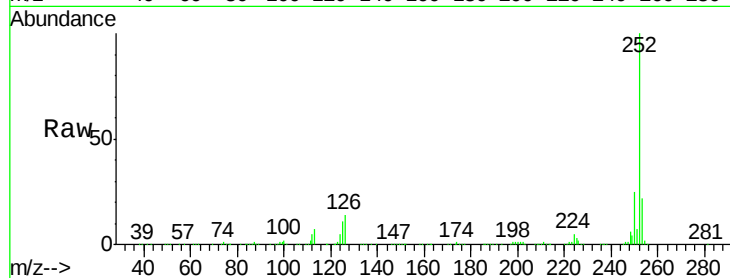




#87
Benzo(b)fluoranthene
Concen: 180.42 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

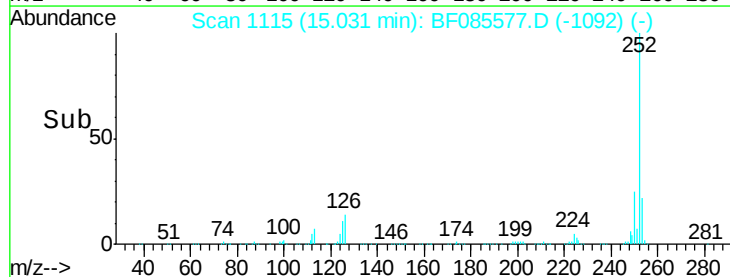
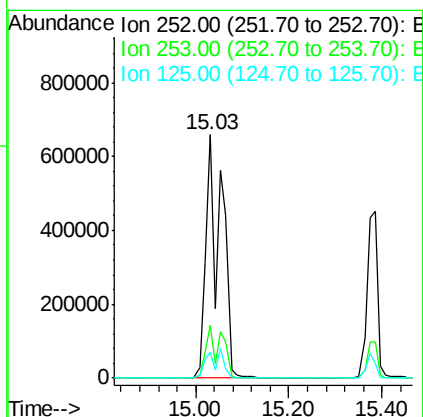
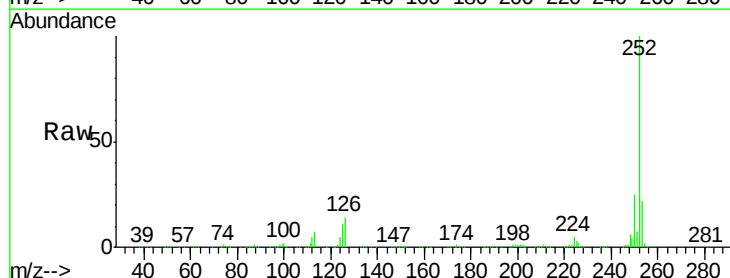
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)MS

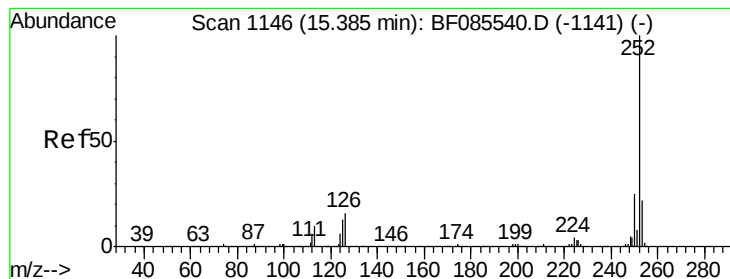
Tgt Ion:252 Resp: 1546259
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.8 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 219.13 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085577.D
Acq: 19 Mar 2016 17:13

Tgt Ion:252 Resp: 1547242
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.8 7.7 11.5





#89

Benzo(a)pyrene

Concen: 99.67 ng

RT: 15.39 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS

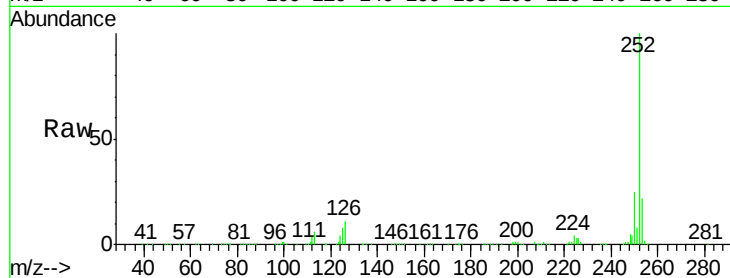
Tgt Ion:252 Resp: 724140

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

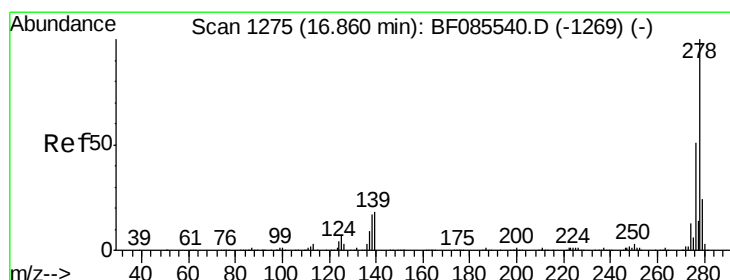
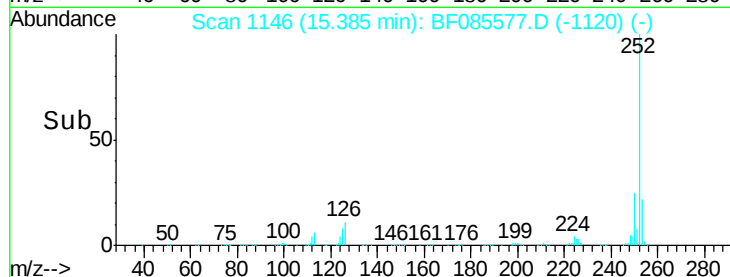
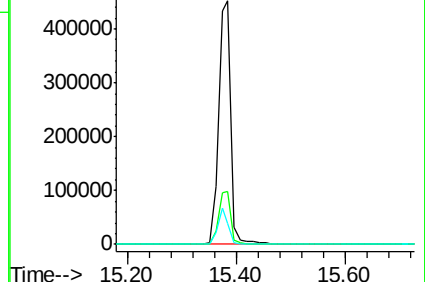
125 8.4 10.3 15.5#



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: 96.92 ng

RT: 16.85 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF085577.D

Acq: 19 Mar 2016 17:13

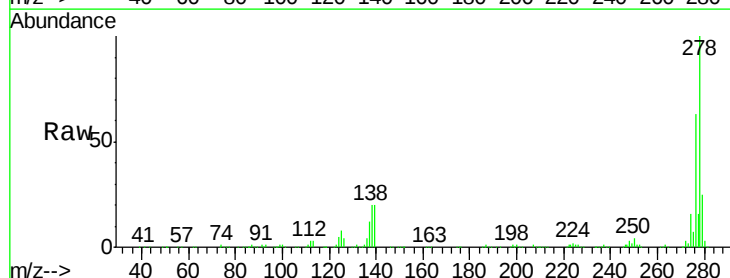
Tgt Ion:278 Resp: 587329

Ion Ratio Lower Upper

278 100

139 19.6 14.4 21.6

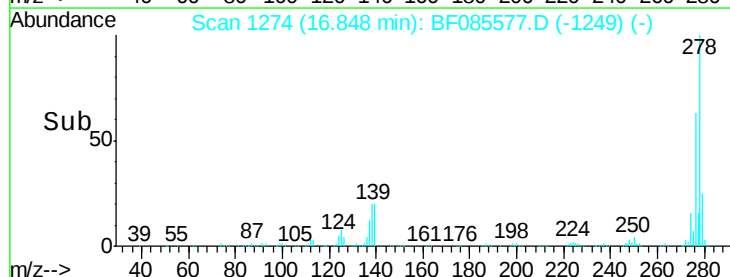
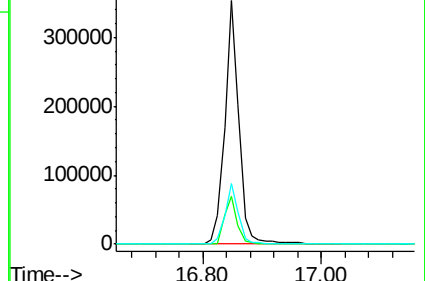
279 24.7 19.1 28.7

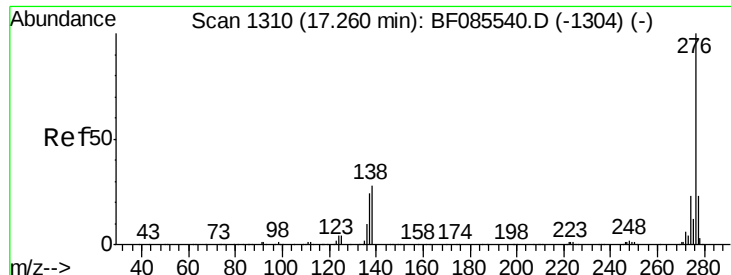


Abundance Ion 278.00 (277.70 to 278.70): E

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: 100.42 ng

RT: 17.26 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF085577.D

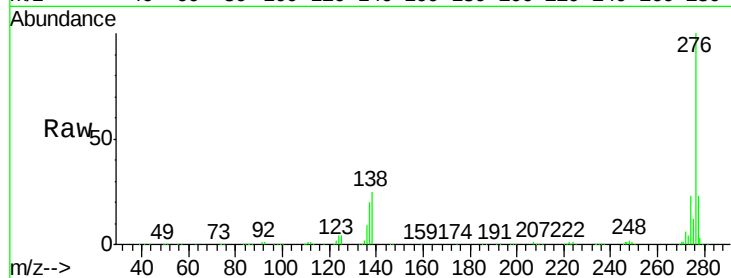
Acq: 19 Mar 2016 17:13

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)MS



Tgt Ion: 276 Resp: 589019

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 24.7 22.6 34.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

