

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085634.D
 Acq On : 21 Mar 2016 20:55
 Operator : UM/SJ
 Sample : H1841-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Quant Time: Mar 22 00:11:22 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	6.85	152	121714	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	466544	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	211667	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	353578	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	252104	20.00	ng	-0.01
86) Perylene-d12	15.42	264	233348	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	930616	128.43	ng	0.00
7) Phenol-d6	6.49	99	1311904	141.16	ng	0.00
23) Nitrobenzene-d5	7.42	82	836476	104.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	273979	132.14	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1270093	110.62	ng	-0.01
78) Terphenyl-d14	12.95	244	910493	86.91	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	138199	39.23	ng	97
3) Pyridine	3.22	79	416990	48.21	ng	98
4) n-Nitrosodimethylamine	3.18	42	178528	49.44	ng	96
6) Aniline	6.50	93	425952	34.12	ng	# 26
8) 2-Chlorophenol	6.63	128	400914	47.83	ng	94
9) Benzaldehyde	6.39	77	75404	14.08	ng	95
10) Phenol	6.50	94	504012	47.61	ng	87
11) bis(2-Chloroethyl)ether	6.58	93	376287	47.15	ng	98
12) 1,3-Dichlorobenzene	6.79	146	418029	45.76	ng	99
13) 1,4-Dichlorobenzene	6.86	146	413294	44.36	ng	99
14) 1,2-Dichlorobenzene	7.02	146	415027	50.17	ng	99
15) Benzyl Alcohol	7.00	79	333224	52.35	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	483058	46.03	ng	94
17) 2-Methylphenol	7.11	107	354268	50.98	ng	98
18) Hexachloroethane	7.35	117	149227	44.35	ng	# 80
19) n-Nitroso-di-n-propylamine	7.27	70	289460	52.14	ng	98
20) 3+4-Methylphenols	7.26	107	367647	45.68	ng	97
22) Acetophenone	7.26	105	515773	46.59	ng	98
24) Nitrobenzene	7.43	77	390815	44.42	ng	99
25) Isophorone	7.67	82	791337	49.18	ng	99
26) 2-Nitrophenol	7.75	139	234160	53.85	ng	98
27) 2,4-Dimethylphenol	7.78	122	380411	49.47	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	505822	55.26	ng	100
29) 2,4-Dichlorophenol	7.99	162	313195	49.32	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	336465	47.31	ng	99
31) Naphthalene	8.15	128	1079817	45.85	ng	100
32) Benzoic acid	7.91	122	163640	25.45	ng	98
33) 4-Chloroaniline	8.21	127	262819	27.23	ng	98
34) Hexachlorobutadiene	8.28	225	182834	48.23	ng	99
35) Caprolactam	8.57	113	85964	39.35	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	356581	48.08	ng	96
37) 2-Methylnaphthalene	8.85	142	774963	53.99	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	285561	44.48	ng	99
40) Hexachlorocyclopentadiene	9.00	237	154221	53.29	ng	99

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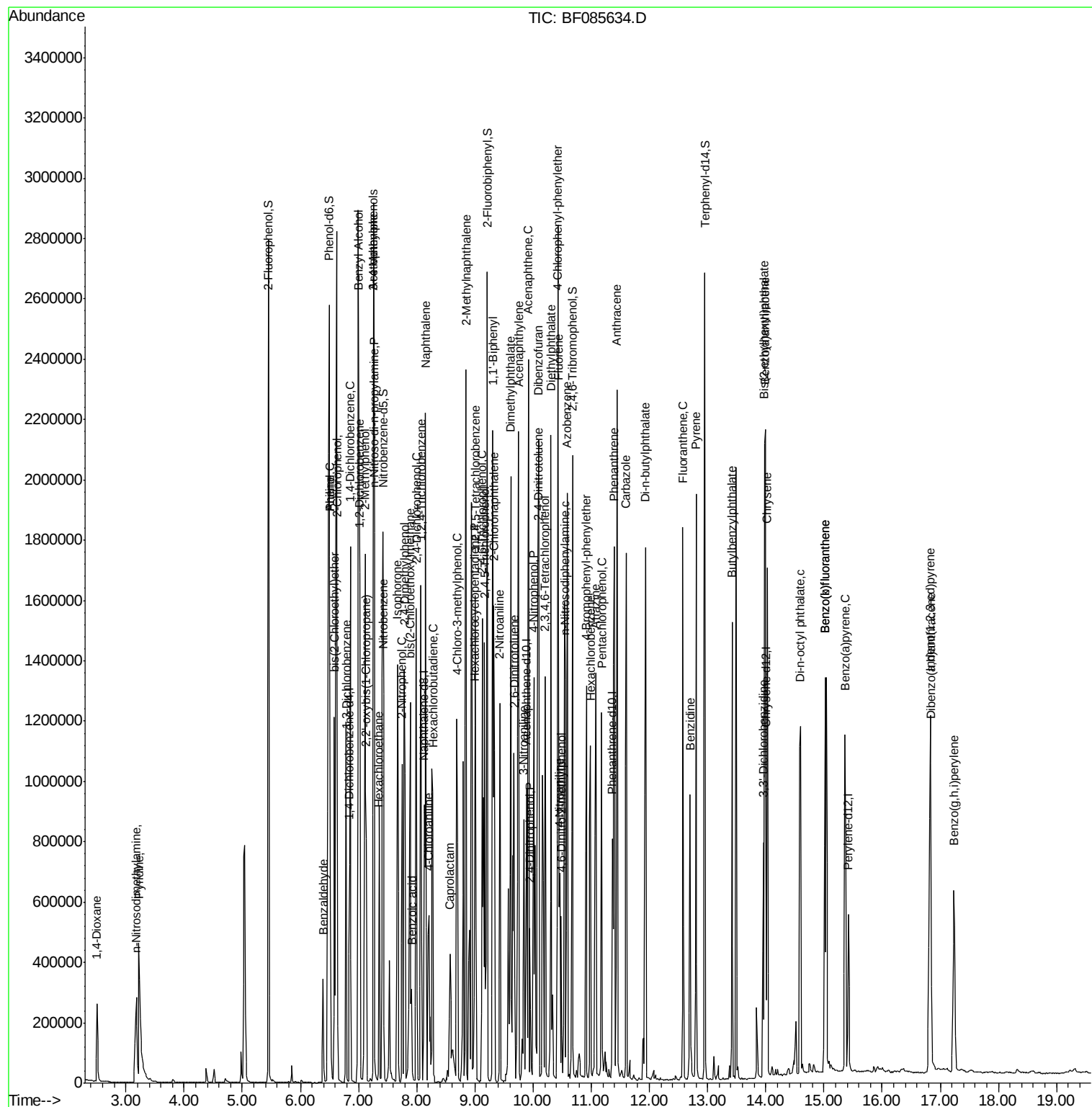
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	210973	48.00	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	221789	49.58	ng #	87
45) 1,1'-Biphenyl	9.30	154	782853	42.87	ng	98
46) 2-Chloronaphthalene	9.33	162	628972	47.16	ng #	89
47) 2-Nitroaniline	9.43	65	213805	52.99	ng	99
48) Acenaphthylene	9.75	152	1074110	49.76	ng	100
49) Dimethylphthalate	9.61	163	947858	59.34	ng	99
50) 2,6-Dinitrotoluene	9.67	165	163602	48.52	ng	99
51) Acenaphthene	9.92	154	670373	49.49	ng	99
52) 3-Nitroaniline	9.84	138	147754	34.99	ng	95
53) 2,4-Dinitrophenol	9.94	184	79994	38.72	ng	97
54) Dibenzofuran	10.09	168	911093	55.23	ng	99
55) 4-Nitrophenol	10.01	139	280251	85.86	ng	96
56) 2,4-Dinitrotoluene	10.08	165	243284	55.11	ng	90
57) Fluorene	10.44	166	674869	49.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	159280	49.46	ng	97
59) Diethylphthalate	10.31	149	792617	49.91	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	321337	47.87	ng	94
61) 4-Nitroaniline	10.46	138	183396	44.05	ng	95
62) Azobenzene	10.58	77	793149	52.05	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	67889	30.01	ng	100
65) n-Nitrosodiphenylamine	10.55	169	601471	54.61	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	201458	57.04	ng	92
67) Hexachlorobenzene	10.98	284	201725	53.76	ng #	93
68) Atrazine	11.08	200	206335	61.53	ng	99
69) Pentachlorophenol	11.18	266	202389	88.83	ng	100
70) Phenanthrene	11.40	178	942564	50.56	ng	99
71) Anthracene	11.44	178	866236	44.31	ng	99
72) Carbazole	11.60	167	852074	50.52	ng	99
73) Di-n-butylphthalate	11.93	149	1120145	53.04	ng	99
74) Fluoranthene	12.57	202	767325	39.31	ng	97
76) Benzidine	12.70	184	367958	43.40	ng	99
77) Pyrene	12.80	202	770080	42.54	ng	100
79) Butylbenzylphthalate	13.42	149	360144	41.74	ng #	72
80) Benzo(a)anthracene	13.99	228	673541	46.02	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	194598	36.28	ng #	97
82) Chrysene	14.03	228	536286	38.09	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	480296	44.80	ng #	98
84) Di-n-octyl phthalate	14.60	149	852253	48.79	ng	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	654274	55.61	ng	99
87) Benzo(b)fluoranthene	15.02	252	1261346	82.84	ng #	97
88) Benzo(k)fluoranthene	15.02	252	1261654	100.58	ng	99
89) Benzo(a)pyrene	15.36	252	619282	47.98	ng	97
90) Dibenzo(a,h)anthracene	16.84	278	556659	51.70	ng	99
91) Benzo(g,h,i)perylene	17.24	276	519225	49.83	ng	99

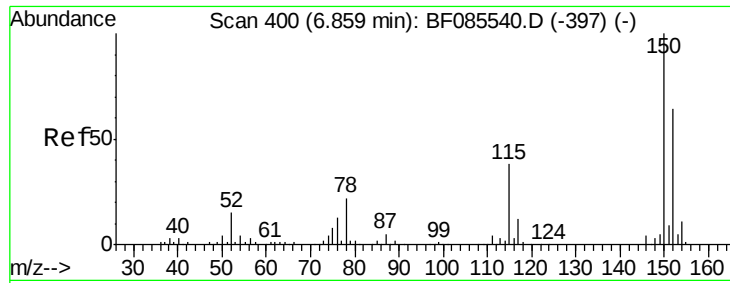
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

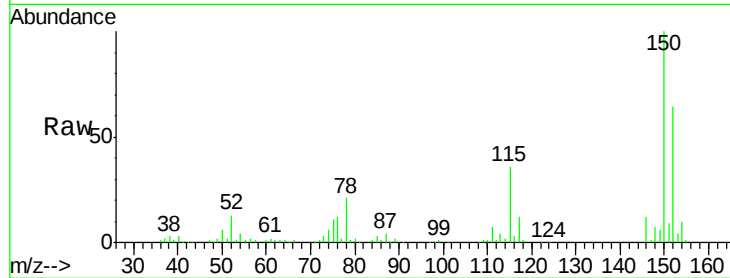
Tgt Ion:152 Resp: 121714

Ion Ratio Lower Upper

152 100

150 156.9 124.2 186.2

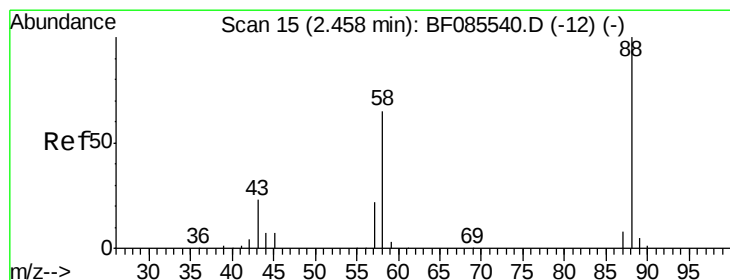
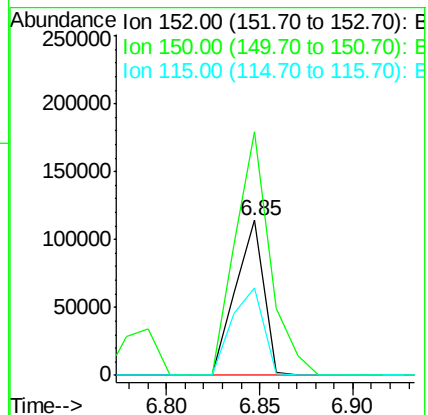
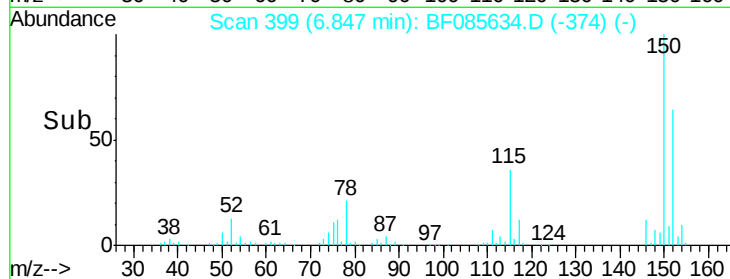
115 56.5 47.0 70.6



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: 39.23 ng

RT: 2.50 min Scan# 19

Delta R.T. 0.05 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

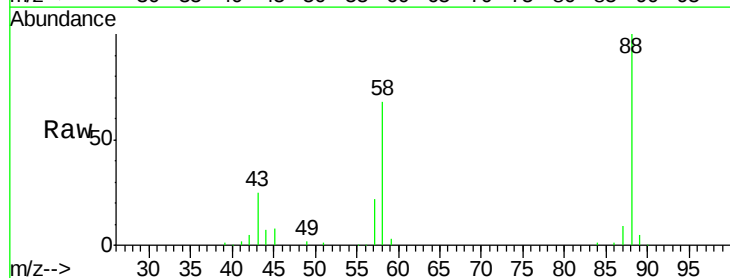
Tgt Ion: 88 Resp: 138199

Ion Ratio Lower Upper

88 100

58 70.4 54.2 81.2

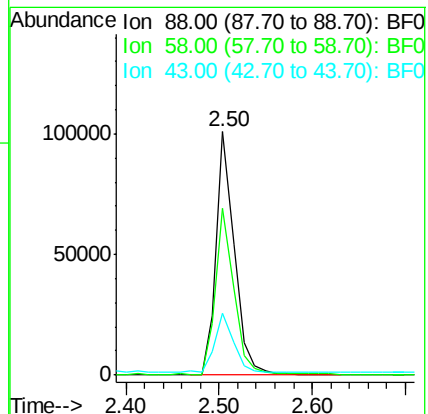
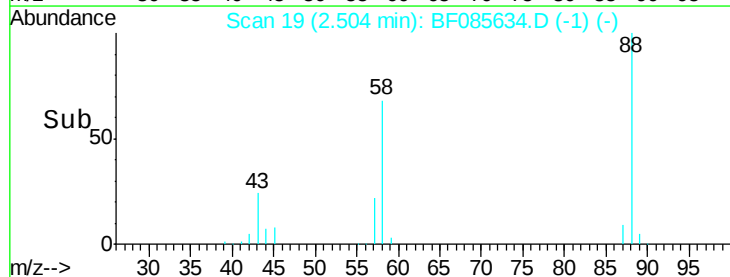
43 25.3 19.3 28.9

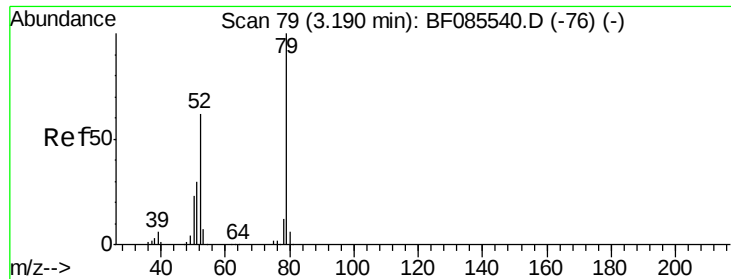


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 48.21 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.03 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

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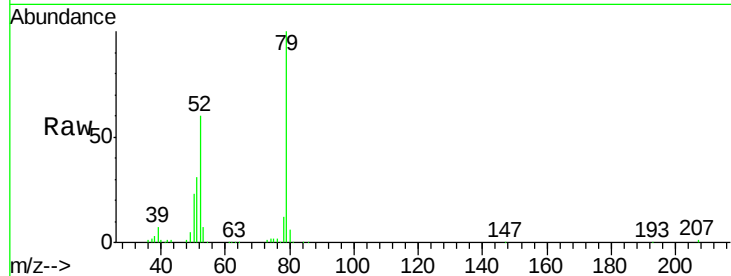
Tgt Ion: 79 Resp: 416990

Ion Ratio Lower Upper

79 100

52 60.0 49.8 74.6

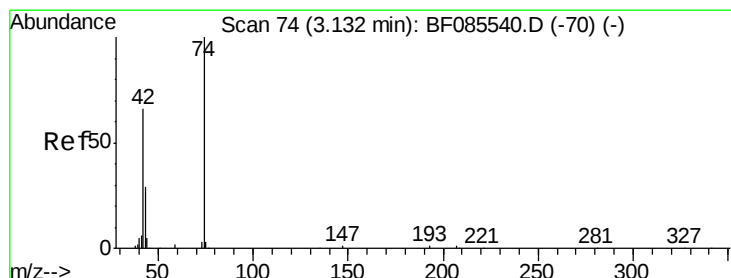
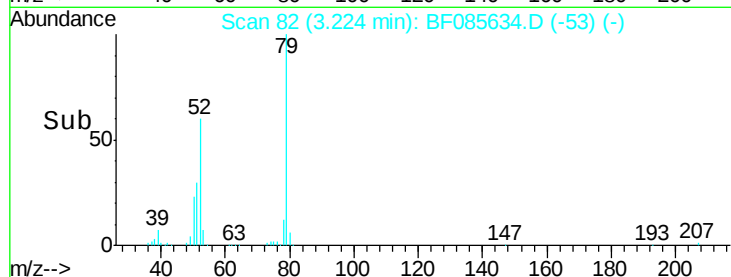
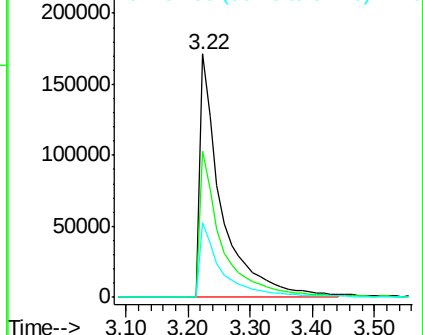
51 30.5 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 49.44 ng

RT: 3.18 min Scan# 78

Delta R.T. 0.05 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

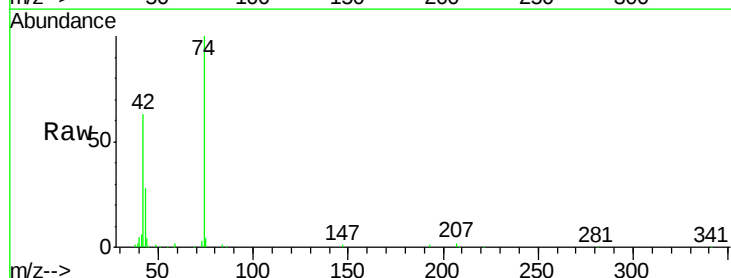
Tgt Ion: 42 Resp: 178528

Ion Ratio Lower Upper

42 100

74 157.5 121.4 182.2

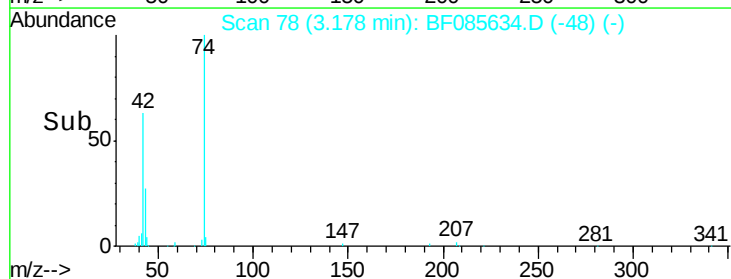
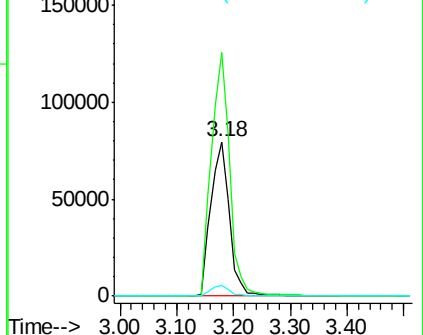
44 7.0 5.6 8.4

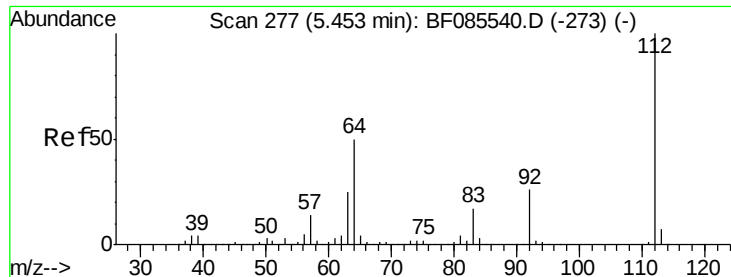


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 128.43 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

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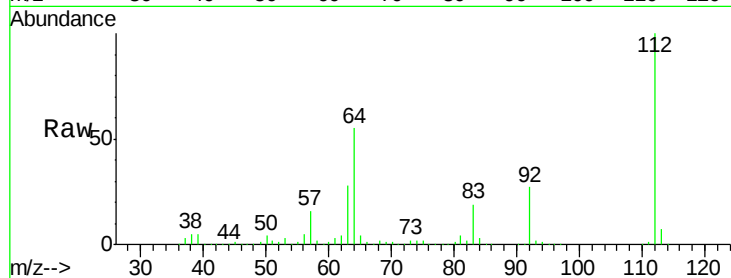
Tgt Ion: 112 Resp: 930616

Ion Ratio Lower Upper

112 100

64 54.6 39.9 59.9

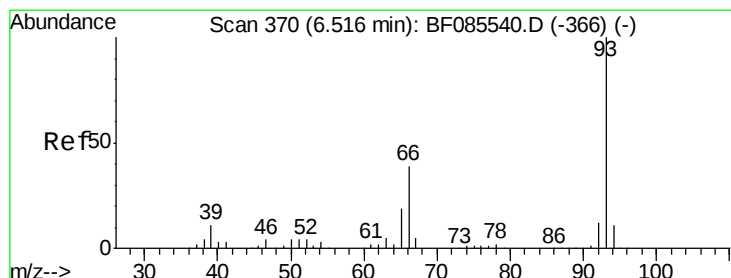
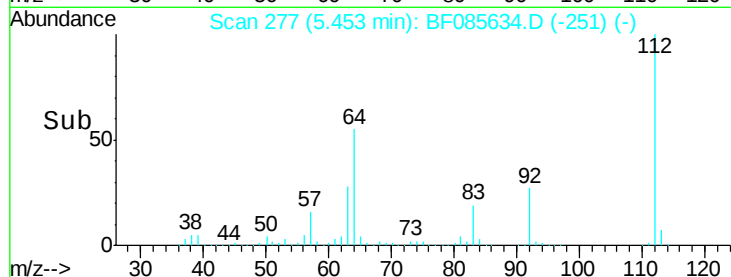
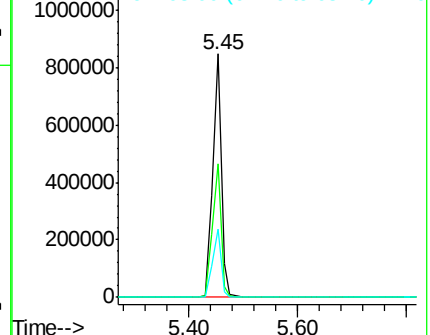
63 27.9 20.2 30.2



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: 34.12 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

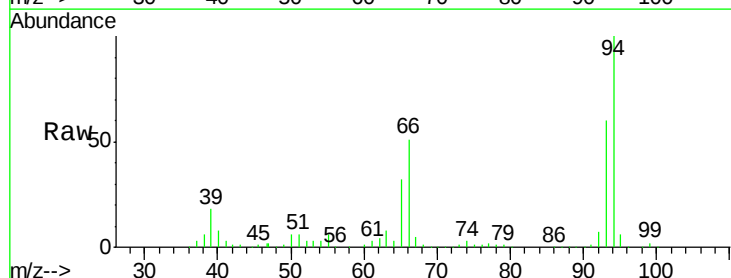
Tgt Ion: 93 Resp: 425952

Ion Ratio Lower Upper

93 100

66 84.5 31.4 47.2#

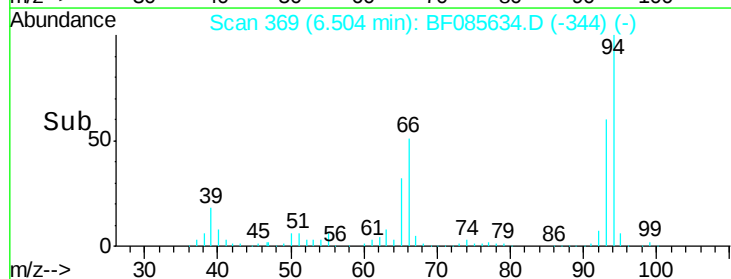
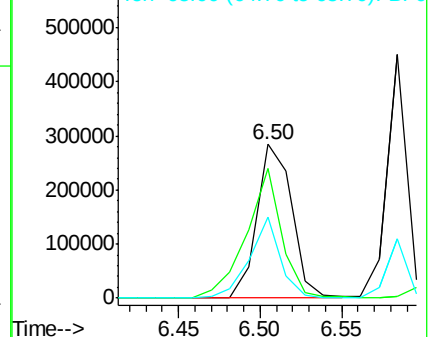
65 53.1 15.7 23.5#

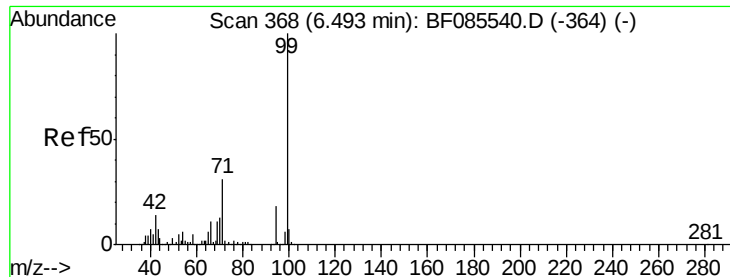


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.16 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

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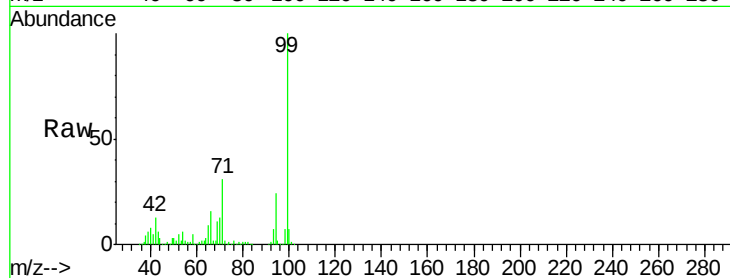
Tgt Ion: 99 Resp: 1311904

Ion Ratio Lower Upper

99 100

42 12.9 11.1 16.7

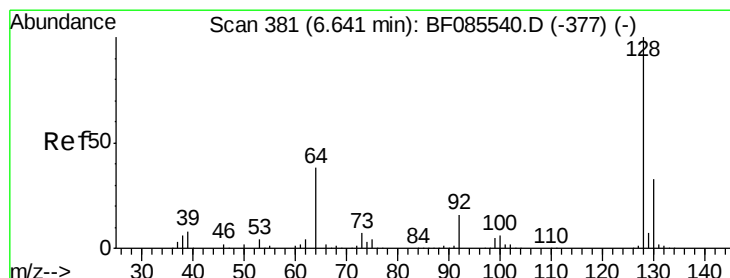
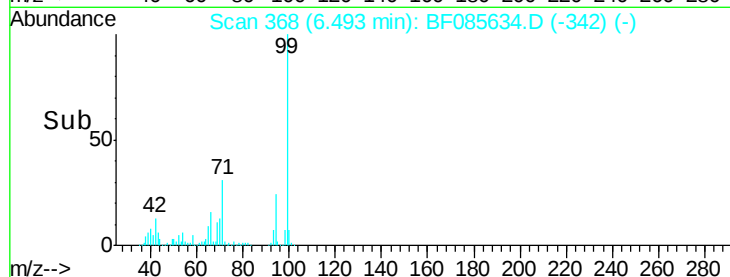
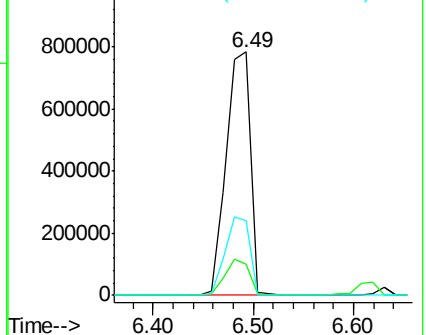
71 30.8 24.9 37.3



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: 47.83 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

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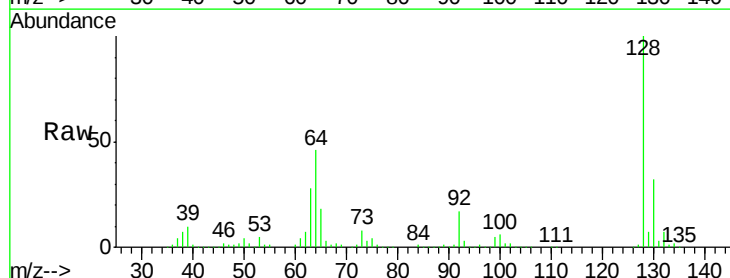
Tgt Ion: 128 Resp: 400914

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

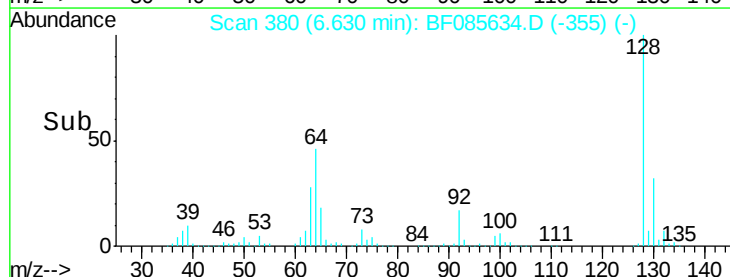
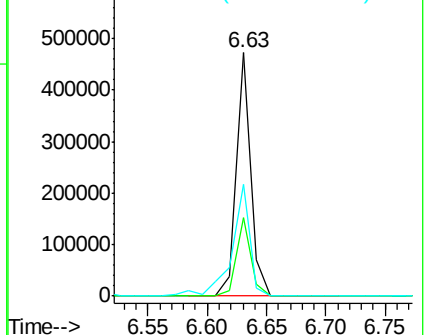
64 45.7 20.2 60.2

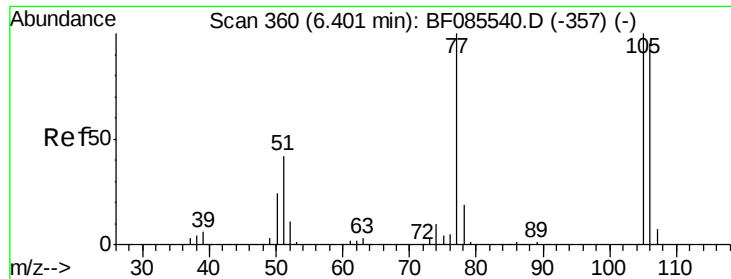


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

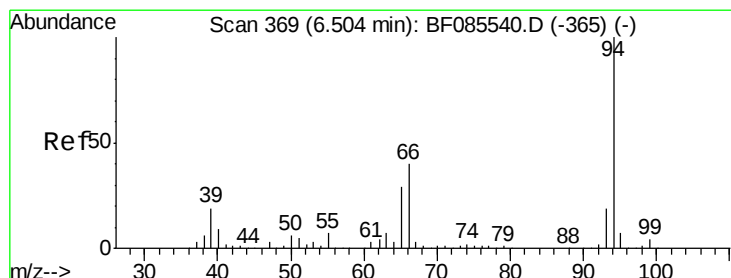
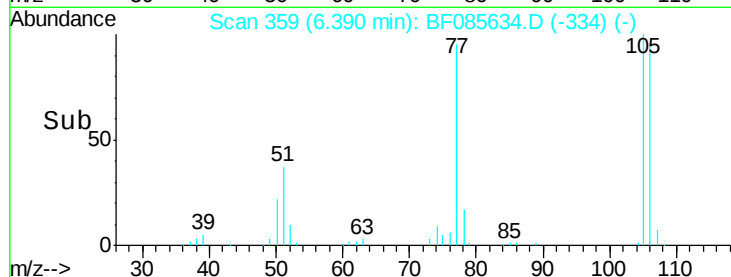
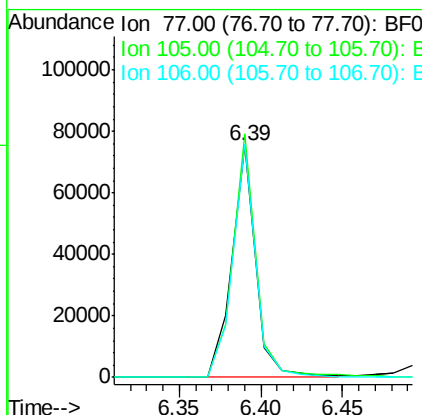
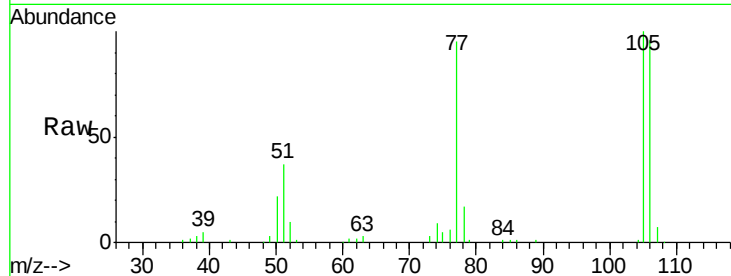




#9
Benzaldehyde
Concen: 14.08 ng
RT: 6.39 min Scan# 359
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

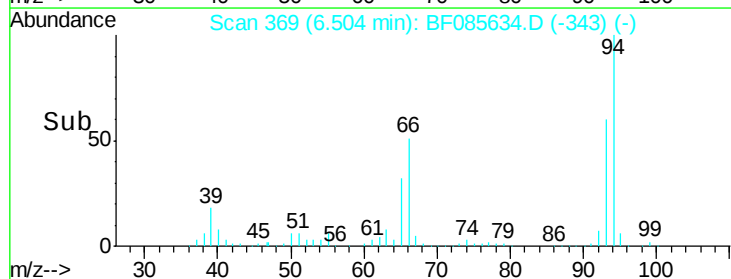
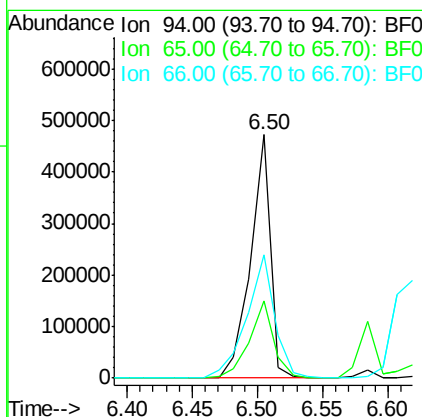
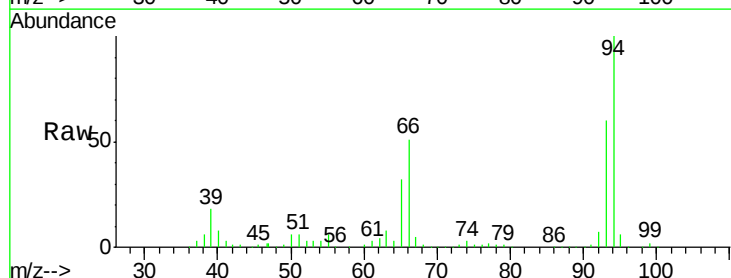
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

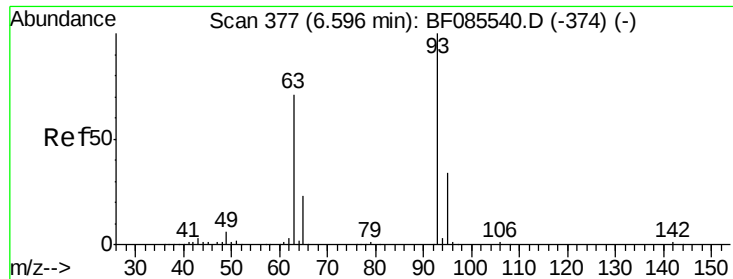
Tgt Ion: 77 Resp: 75404
Ion Ratio Lower Upper
77 100
105 105.0 80.1 120.1
106 100.4 75.0 115.0



#10
Phenol
Concen: 47.61 ng
RT: 6.50 min Scan# 369
Delta R.T. 0.00 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion: 94 Resp: 504012
Ion Ratio Lower Upper
94 100
65 31.9 8.6 48.6
66 50.8 20.0 60.0

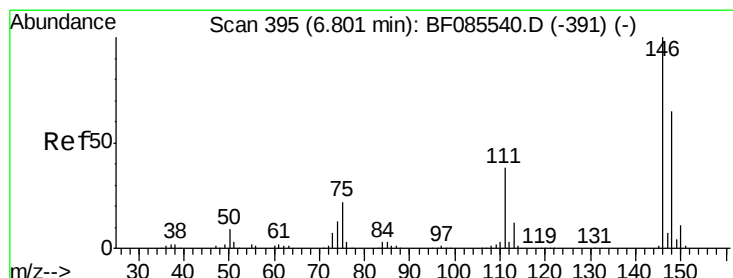
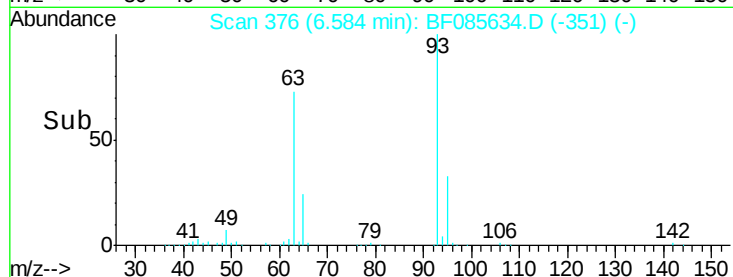
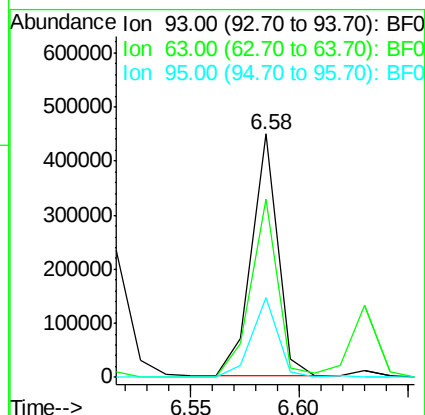
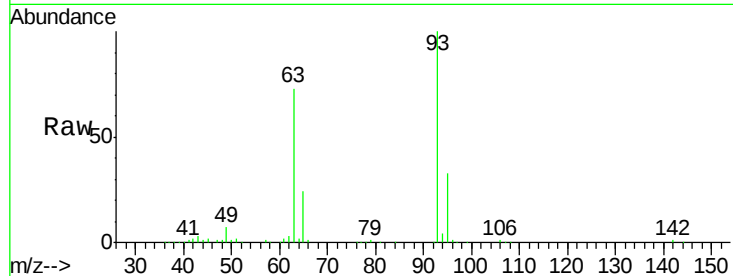




#11
bis(2-Chloroethyl)ether
Concen: 47.15 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

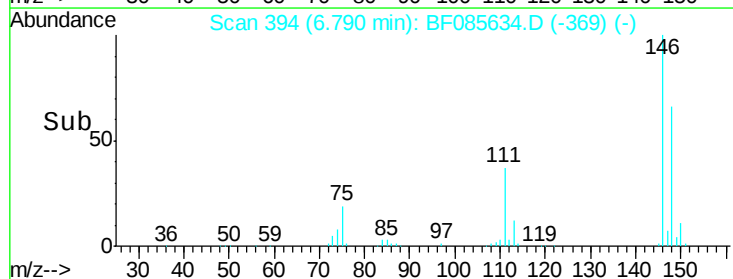
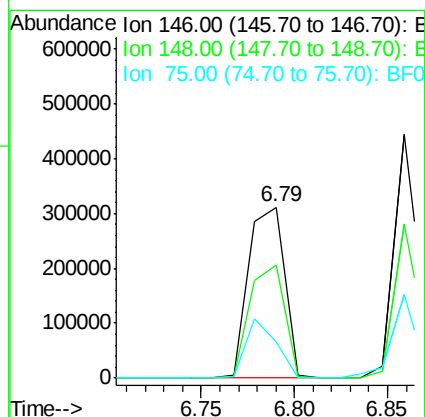
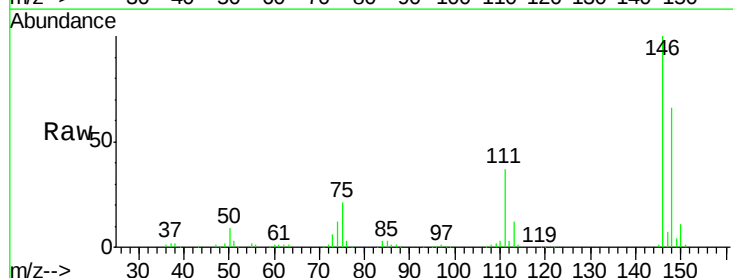
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

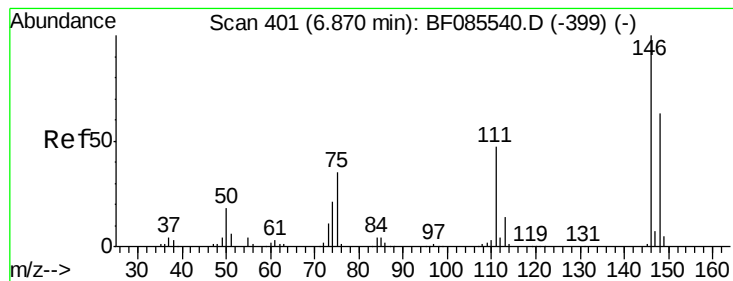
Tgt Ion: 93 Resp: 376287
Ion Ratio Lower Upper
93 100
63 73.1 50.9 90.9
95 32.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 45.76 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion: 146 Resp: 418029
Ion Ratio Lower Upper
146 100
148 66.3 52.3 78.5
75 21.1 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 44.36 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

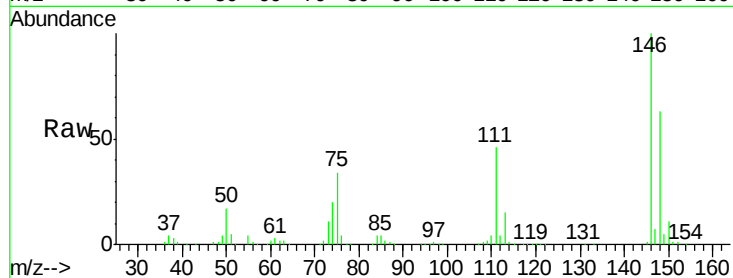
Tgt Ion:146 Resp: 413294

Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

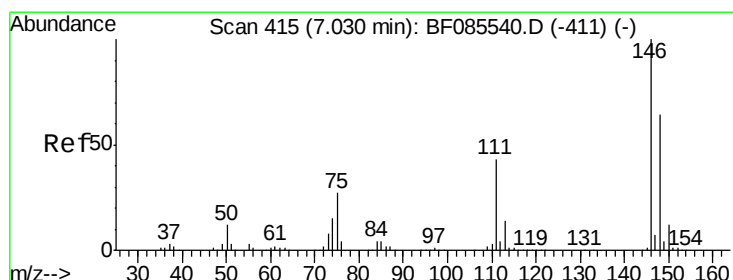
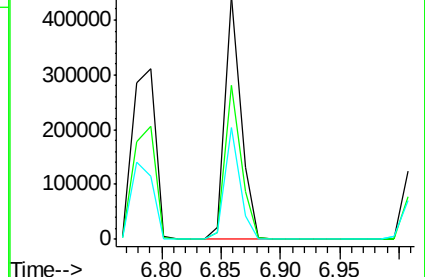
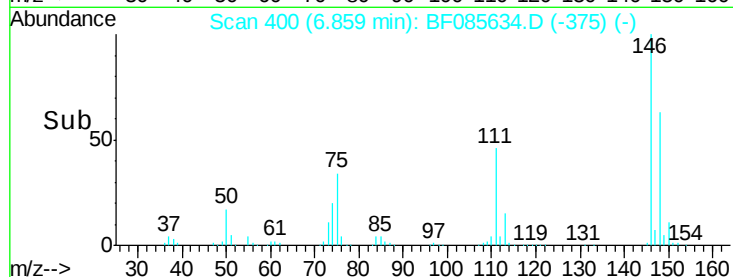
111 45.9 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 50.17 ng

RT: 7.02 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

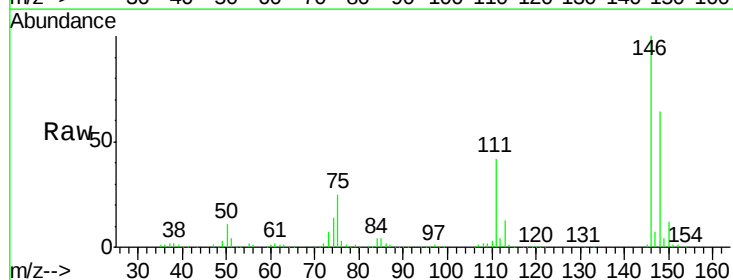
Tgt Ion:146 Resp: 415027

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

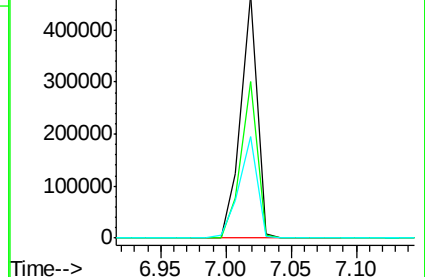
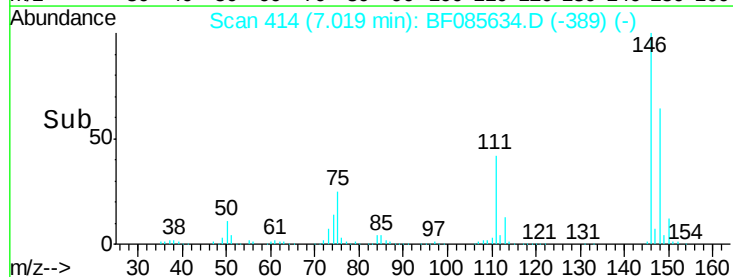
111 41.7 34.6 52.0

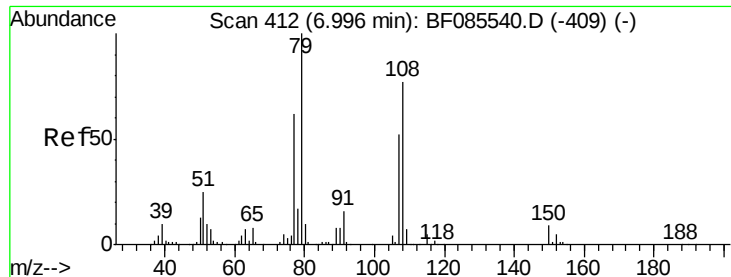


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.35 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

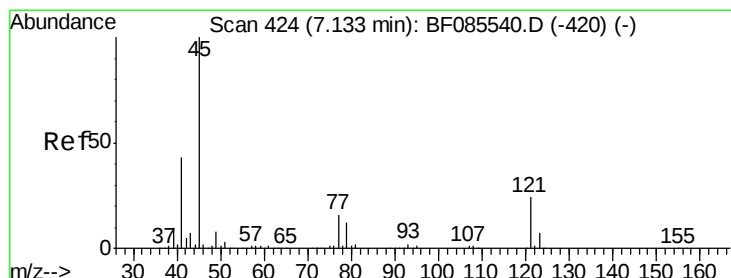
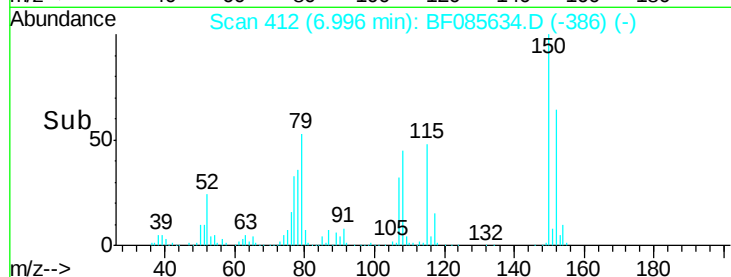
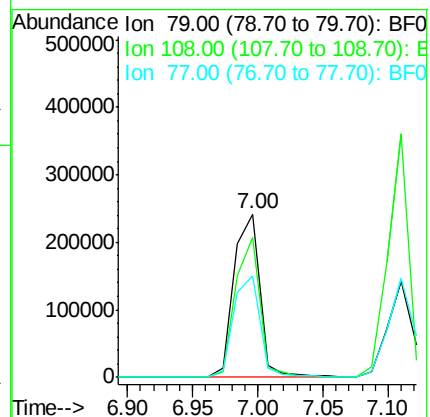
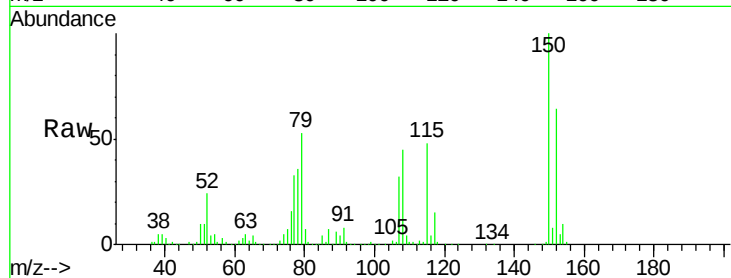
Tgt Ion: 79 Resp: 333224

Ion Ratio Lower Upper

79 100

108 85.8 61.8 92.6

77 61.8 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.03 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

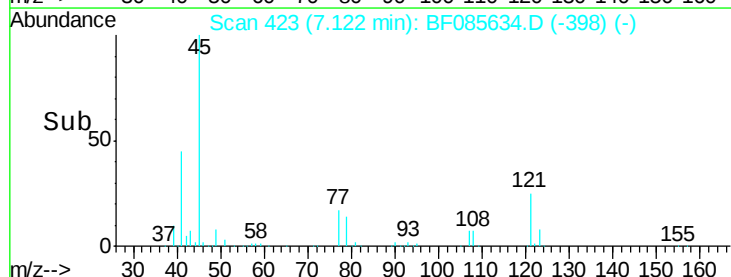
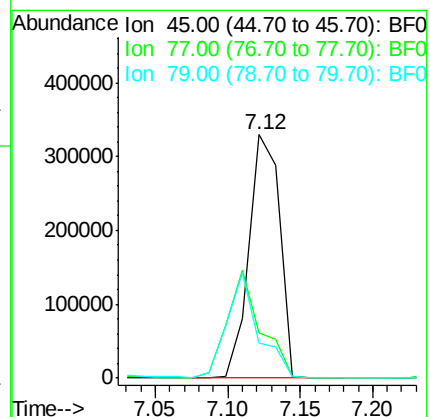
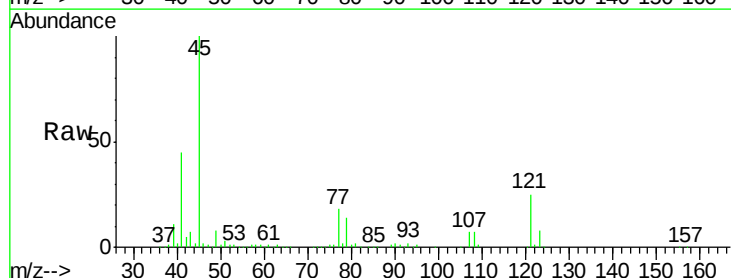
Tgt Ion: 45 Resp: 483058

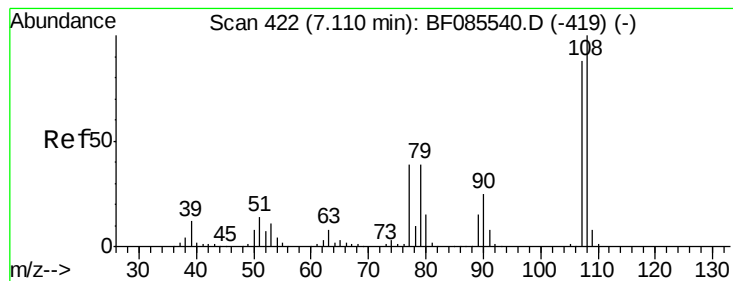
Ion Ratio Lower Upper

45 100

77 18.4 0.0 35.7

79 14.5 0.0 32.2





#17

2-Methylphenol

Concen: 50.98 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion:107 Resp: 354268

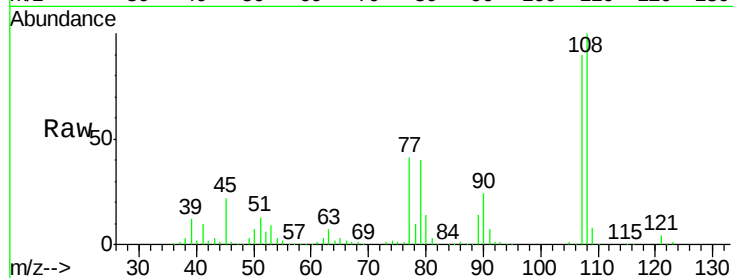
Ion Ratio Lower Upper

107 100

108 111.6 91.4 137.0

77 45.3 36.2 54.2

79 44.2 35.8 53.8

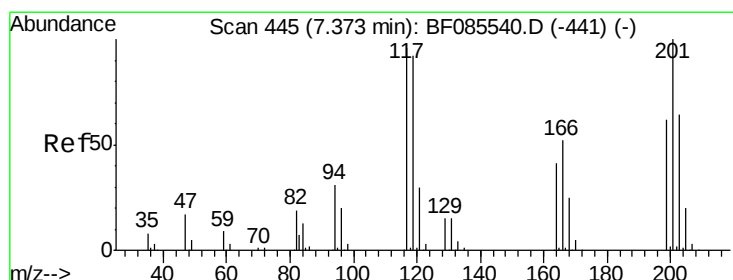
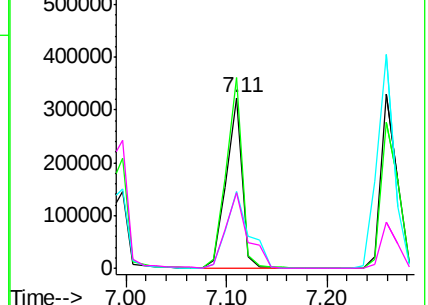
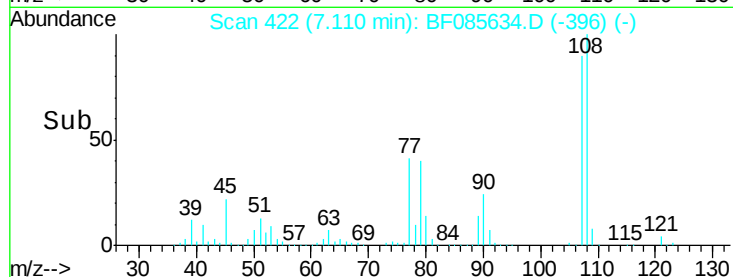


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 44.35 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

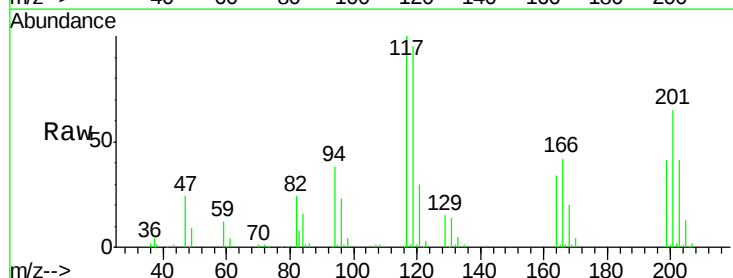
Tgt Ion:117 Resp: 149227

Ion Ratio Lower Upper

117 100

119 94.6 76.7 115.1

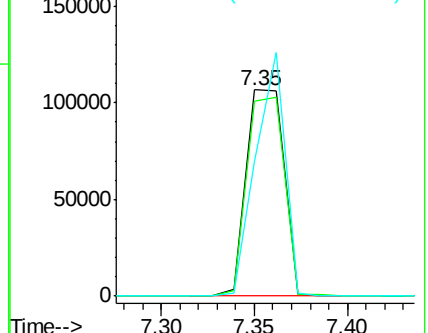
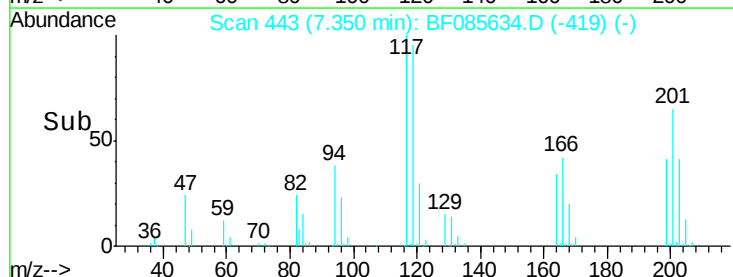
201 65.3 83.3 124.9#

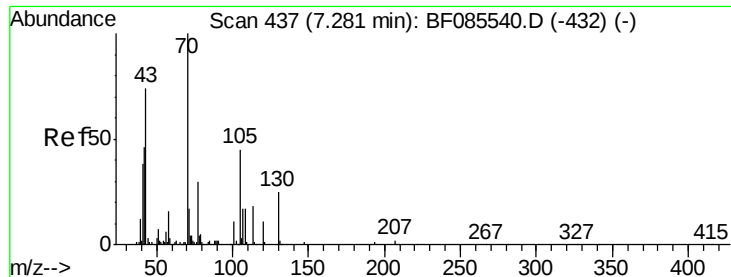


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

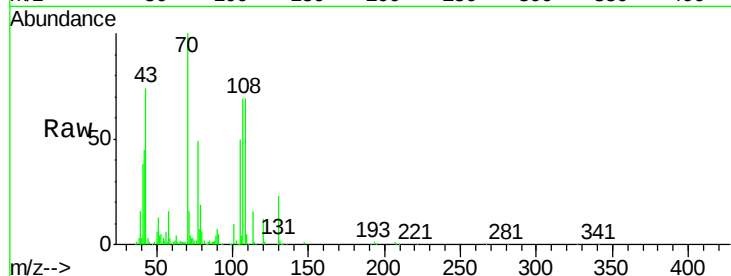




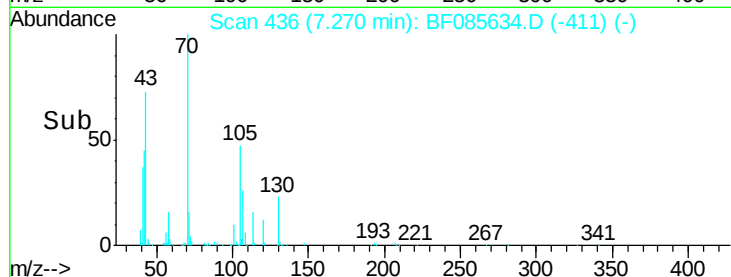
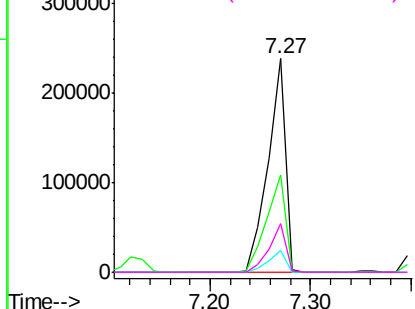
#19
n-Nitroso-di-n-propylamine
Concen: 52.14 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion: 70 Resp: 289460
Ion Ratio Lower Upper
70 100
42 45.5 37.1 55.7
101 9.9 8.6 12.8
130 22.6 19.6 29.4



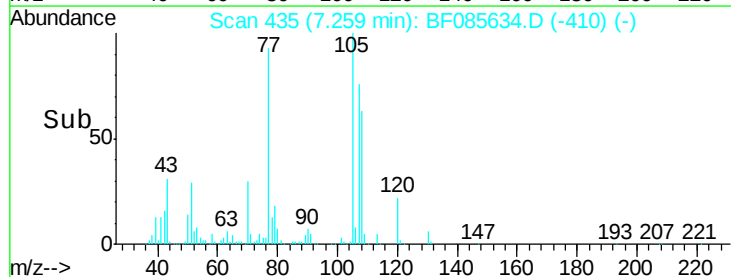
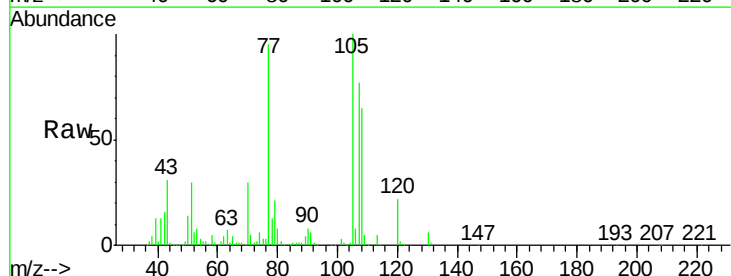
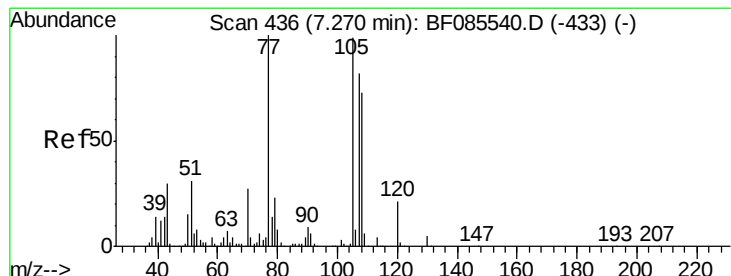
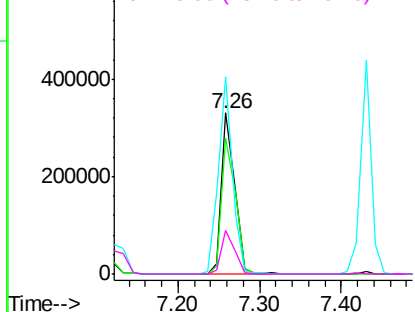
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

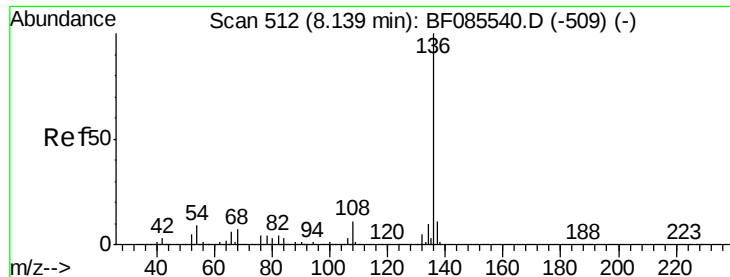


#20
3+4-Methylphenols
Concen: 45.68 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion: 107 Resp: 367647
Ion Ratio Lower Upper
107 100
108 83.9 69.3 109.3
77 122.4 101.7 141.7
79 26.8 8.3 48.3

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion:136 Resp: 466544

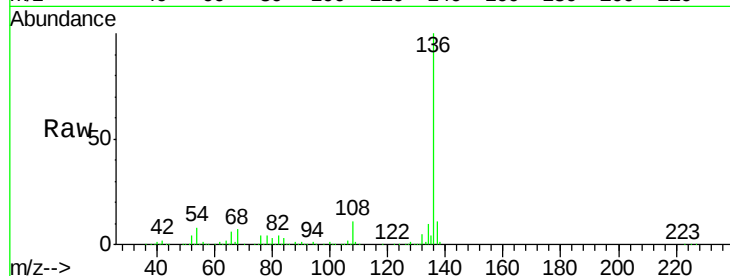
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.0 7.4 11.0

68 6.6 5.8 8.8

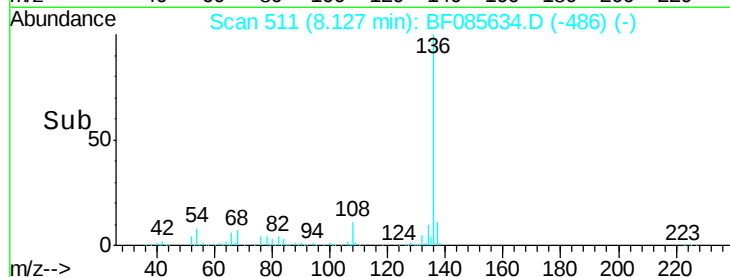


Abundance Ion 136.00 (135.70 to 136.70): E

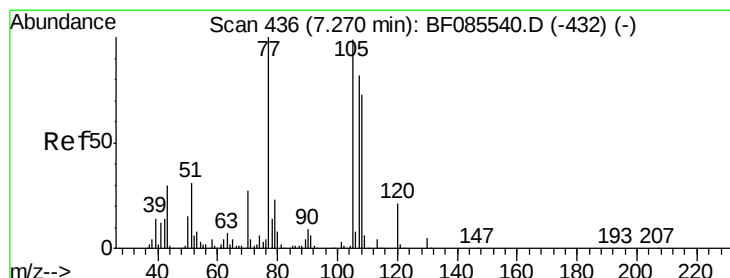
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 46.59 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion:105 Resp: 515773

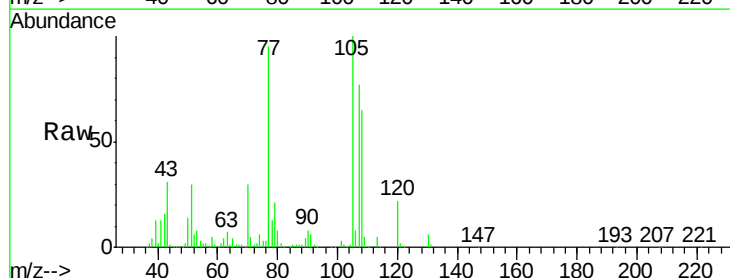
Ion Ratio Lower Upper

105 100

71 5.0 3.6 5.4

51 29.7 25.4 38.0

120 21.5 16.9 25.3

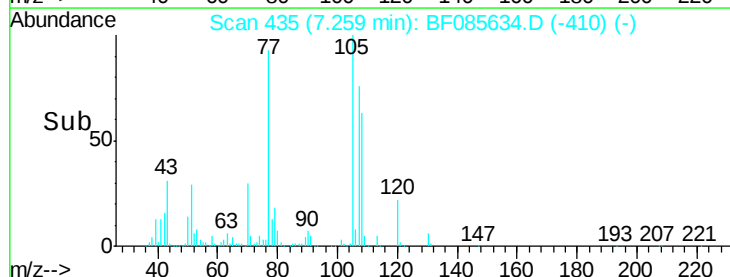


Abundance Ion 105.00 (104.70 to 105.70): E

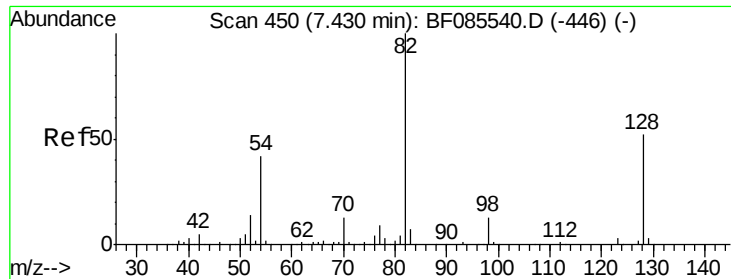
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



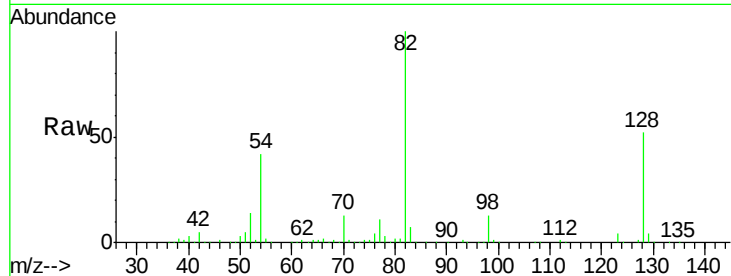
Time-->



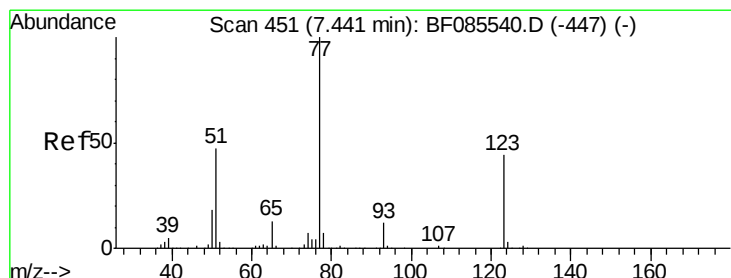
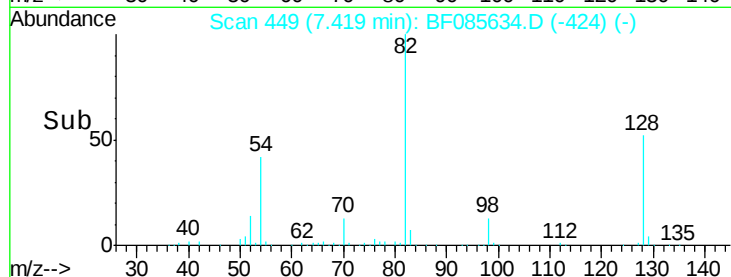
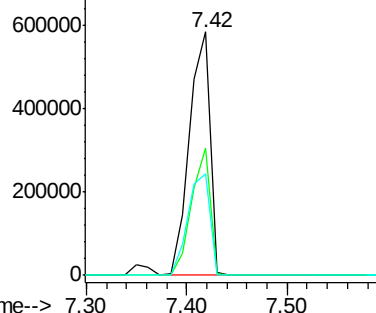
#23
 Nitrobenzene-d5
 Concen: 104.07 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.0	41.8	62.8
54	41.6	33.4	50.0

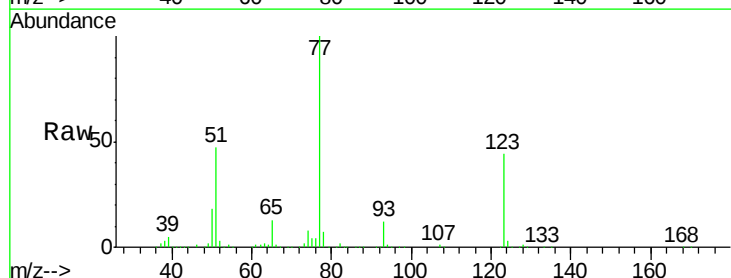


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

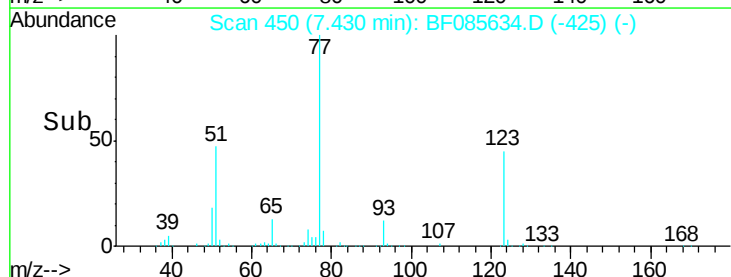
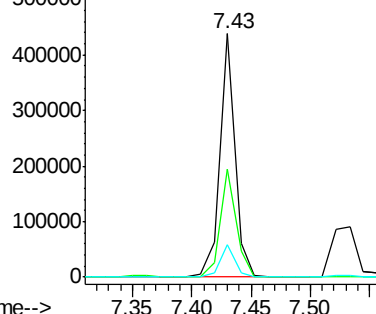


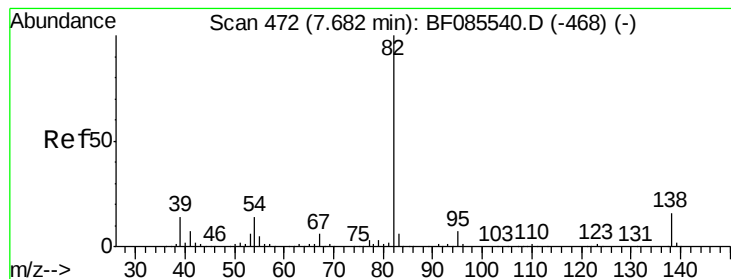
#24
 Nitrobenzene
 Concen: 44.42 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	35.0	52.4
65	13.2	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: 49.18 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

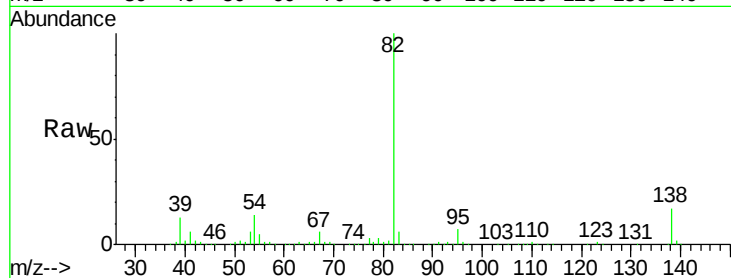
Tgt Ion: 82 Resp: 791337

Ion Ratio Lower Upper

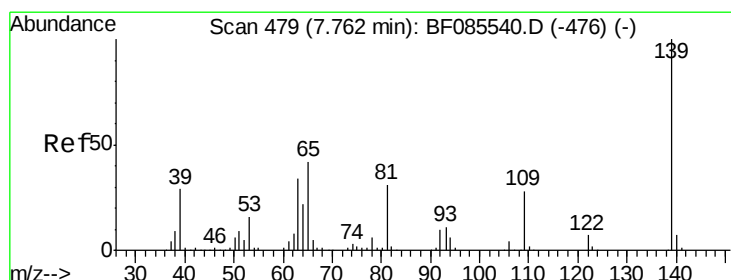
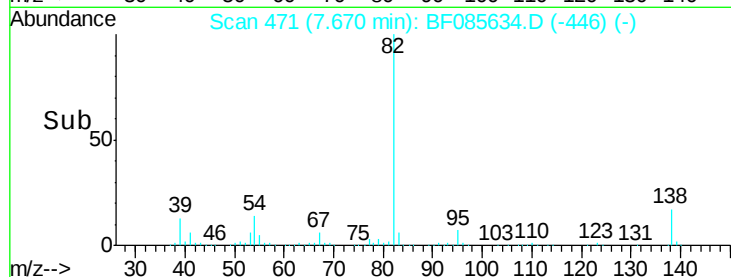
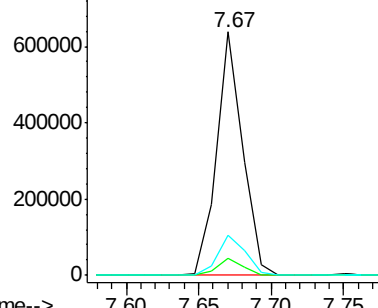
82 100

95 7.2 5.4 8.2

138 16.7 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 53.85 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

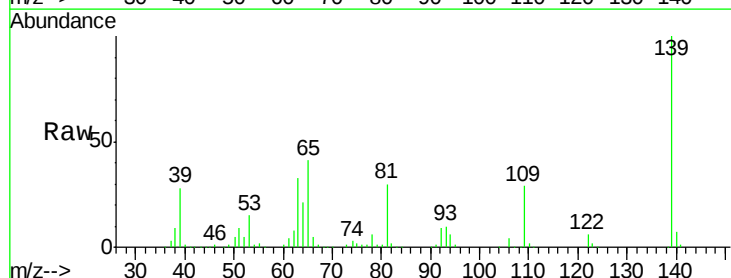
Tgt Ion: 139 Resp: 234160

Ion Ratio Lower Upper

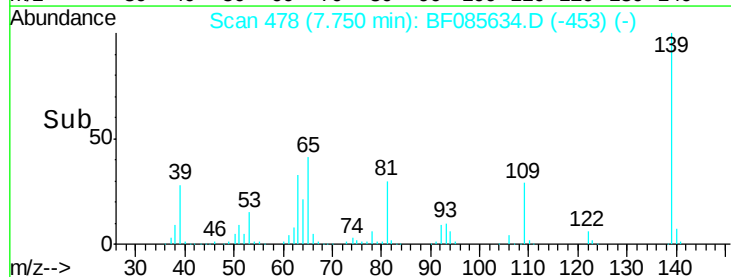
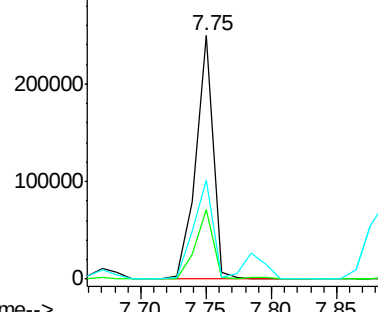
139 100

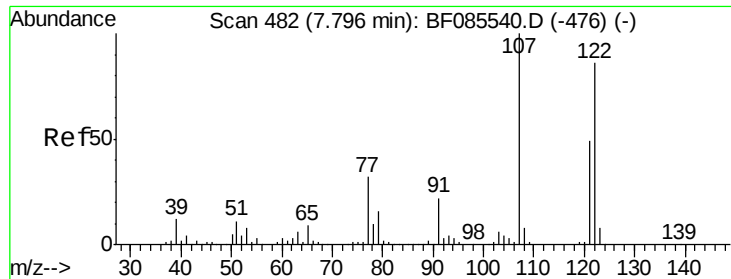
109 28.5 22.1 33.1

65 40.8 33.9 50.9



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

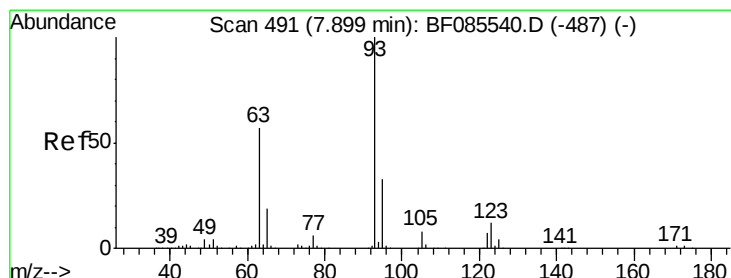
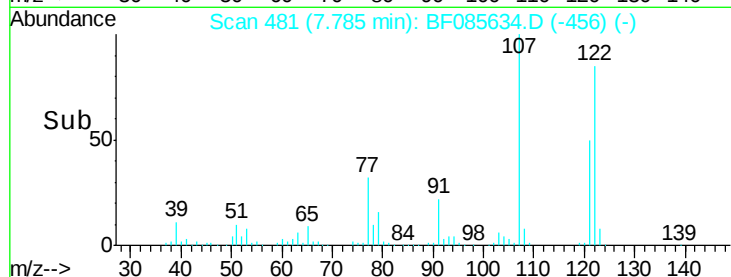
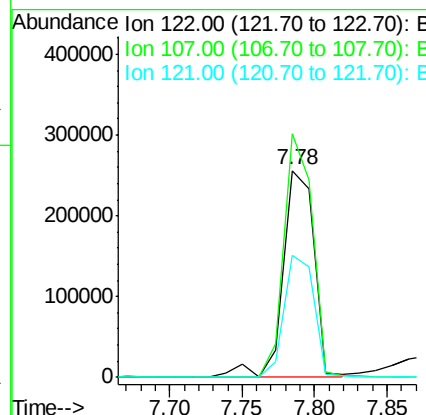
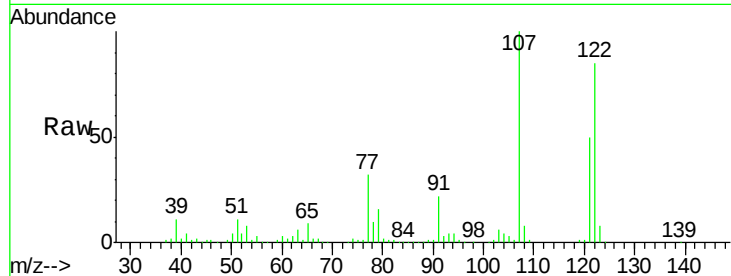




#27
 2,4-Dimethylphenol
 Concen: 49.47 ng
 RT: 7.78 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

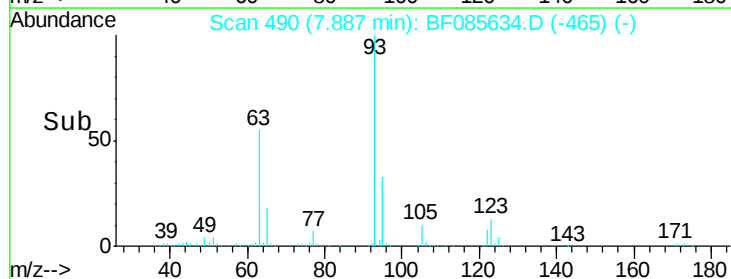
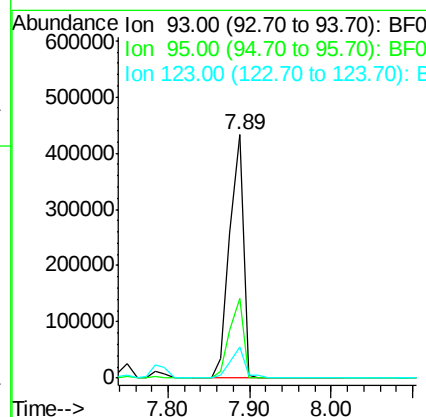
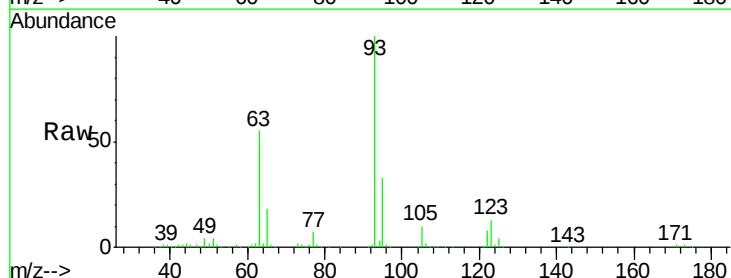
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

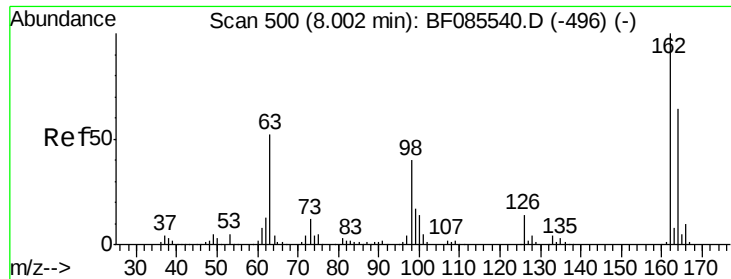
Tgt Ion:122 Resp: 380411
 Ion Ratio Lower Upper
 122 100
 107 117.7 93.0 139.6
 121 59.0 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.26 ng
 RT: 7.89 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion: 93 Resp: 505822
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.4 39.6
 123 12.6 9.8 14.6

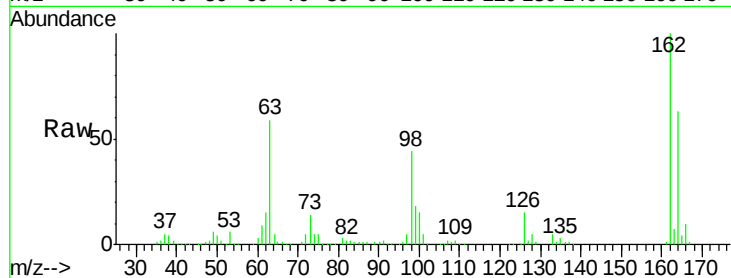




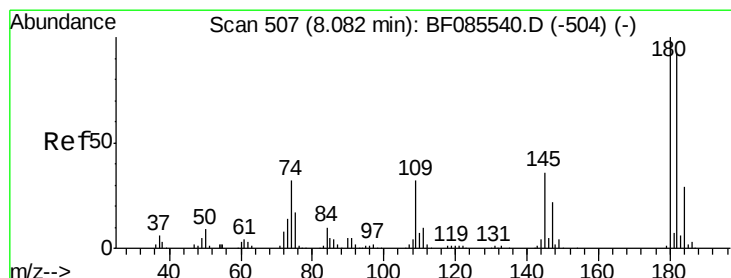
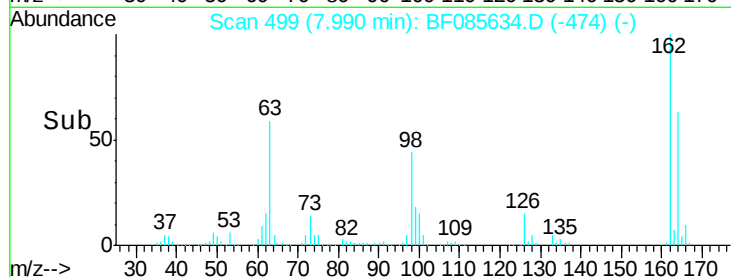
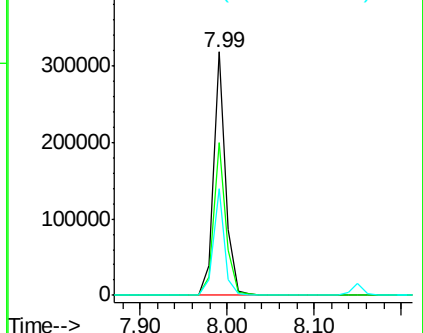
#29
 2,4-Dichlorophenol
 Concen: 49.32 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion:162 Resp: 313195
 Ion Ratio Lower Upper
 162 100
 164 62.9 43.7 83.7
 98 44.0 20.4 60.4

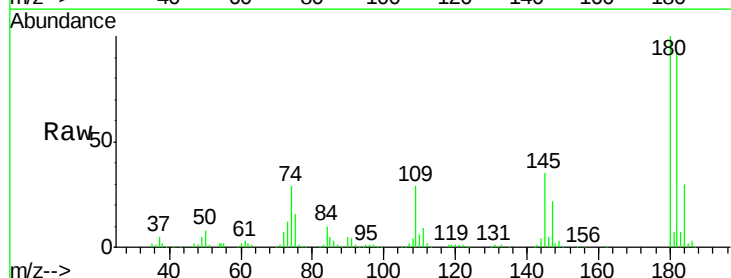


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

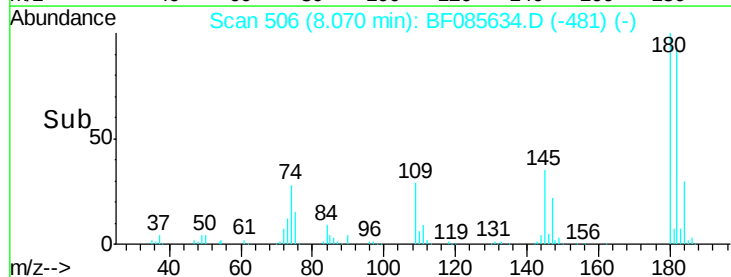
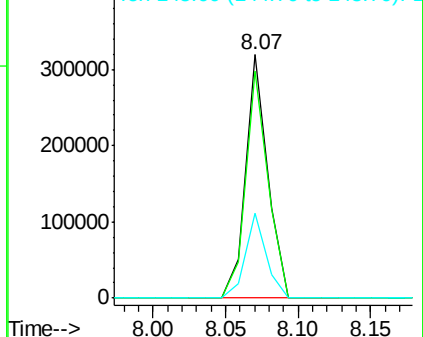


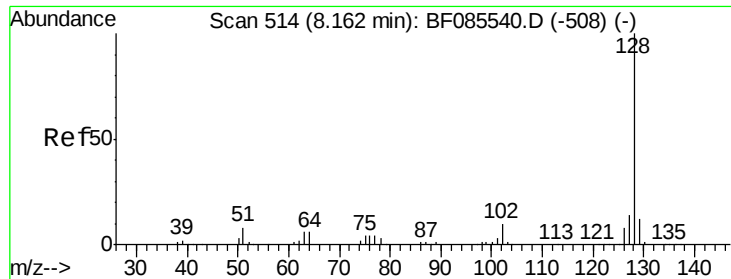
#30
 1,2,4-Trichlorobenzene
 Concen: 47.31 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion:180 Resp: 336465
 Ion Ratio Lower Upper
 180 100
 182 93.5 73.8 110.8
 145 34.8 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

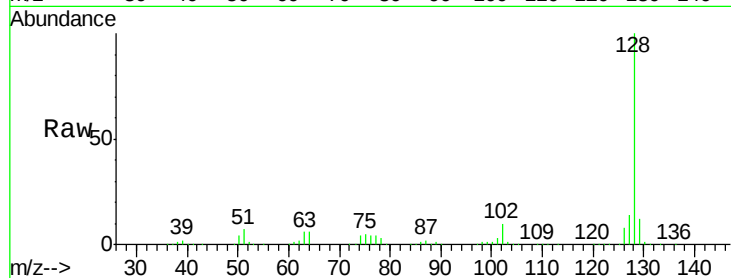




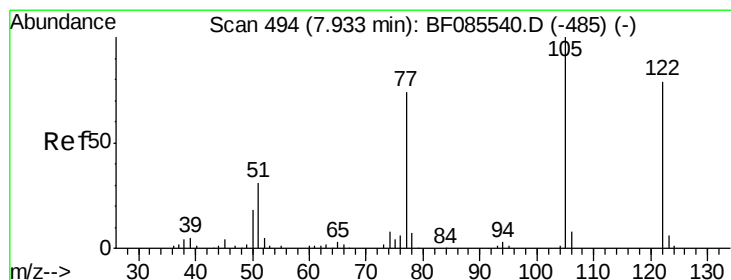
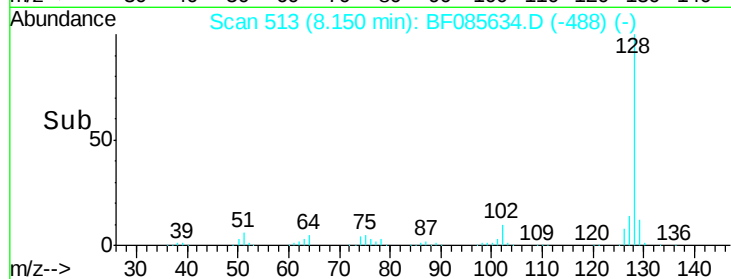
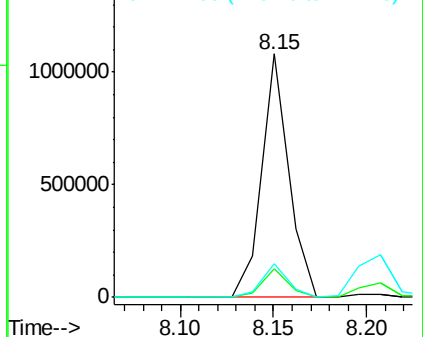
#31
Naphthalene
Concen: 45.85 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion:128 Resp: 1079817
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.8 11.0 16.6

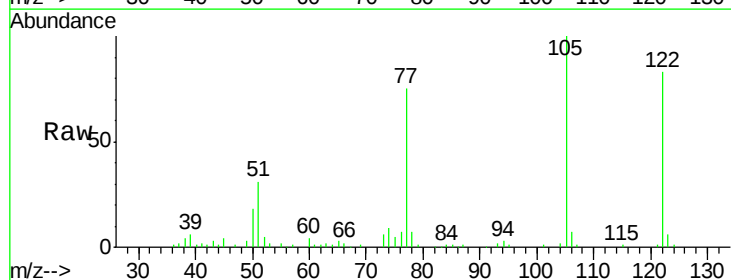


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

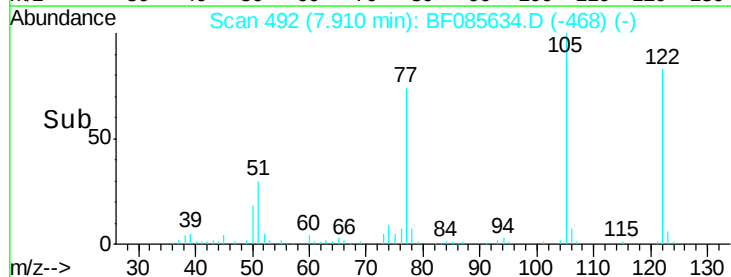
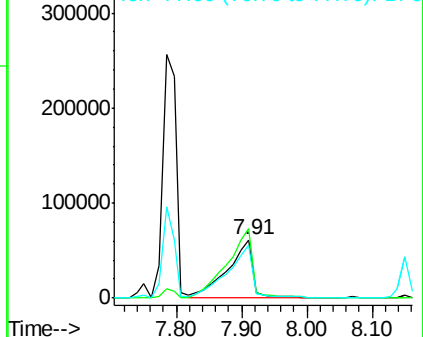


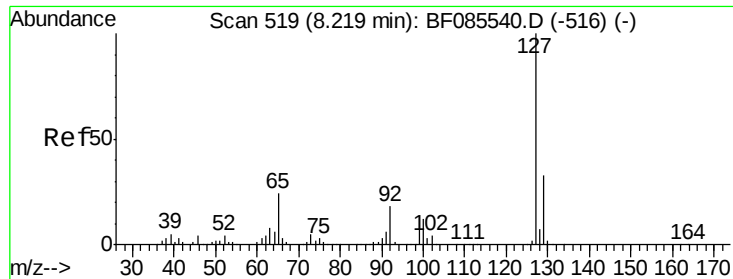
#32
Benzoic acid
Concen: 25.45 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion:122 Resp: 163640
Ion Ratio Lower Upper
122 100
105 120.1 102.9 142.9
77 90.0 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

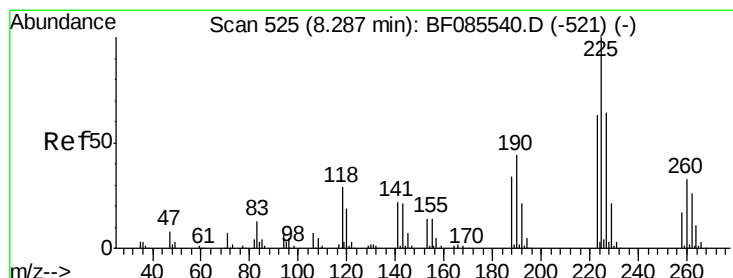
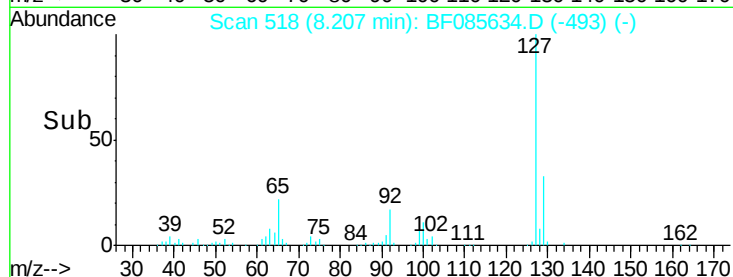
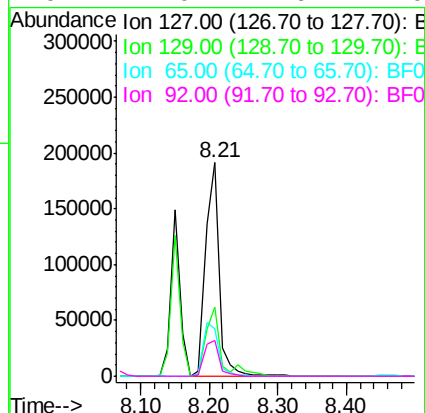
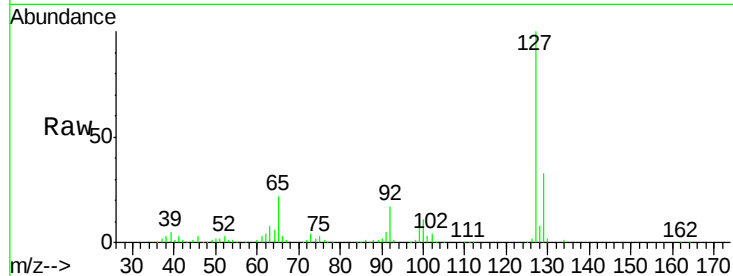




#33
4-Chloroaniline
Concen: 27.23 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

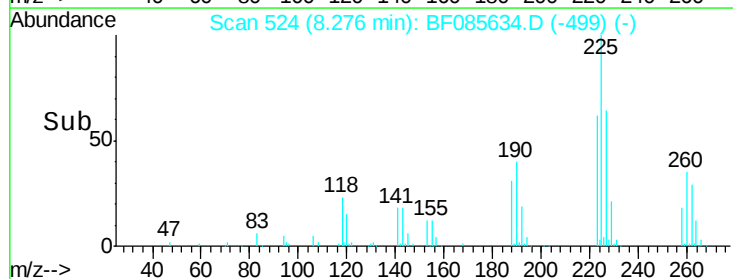
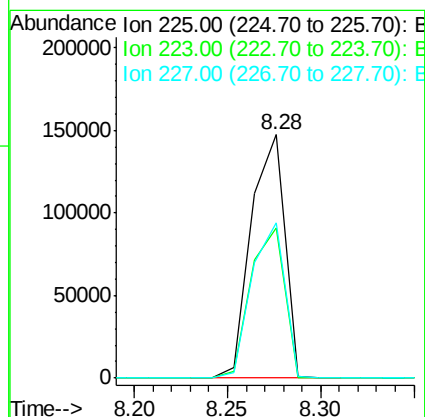
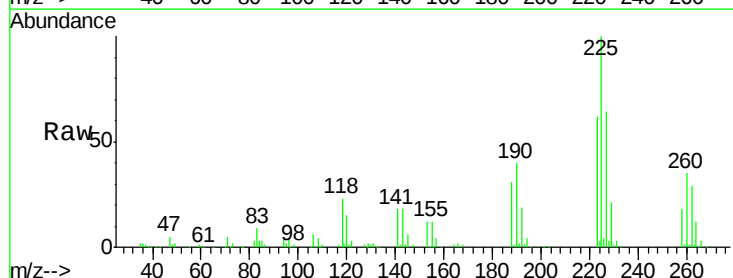
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

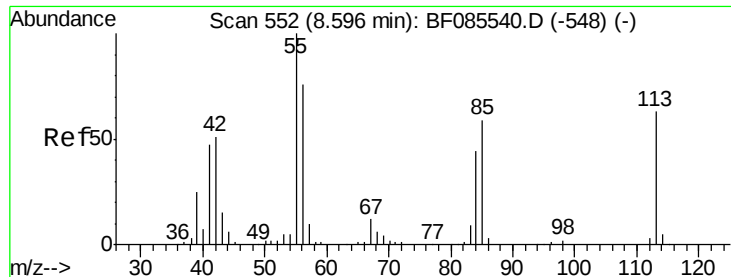
Tgt Ion:	127	Resp:	262819
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	22.4	19.5	29.3
92	17.0	14.6	22.0



#34
Hexachlorobutadiene
Concen: 48.23 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion:	225	Resp:	182834
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.4	75.6
227	63.7	51.4	77.2





#35

Caprolactam

Concen: 39.35 ng

RT: 8.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

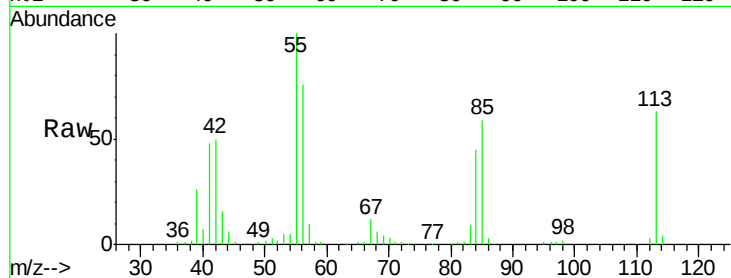
Tgt Ion:113 Resp: 85964

Ion Ratio Lower Upper

113 100

55 159.7 139.4 179.4

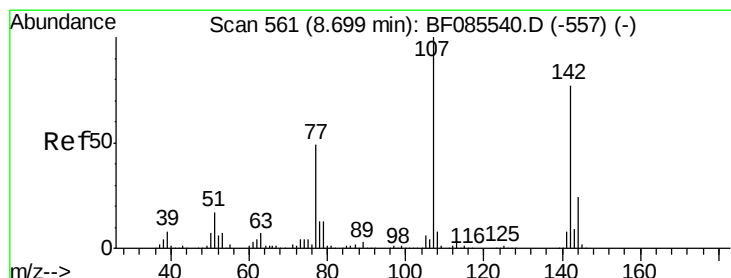
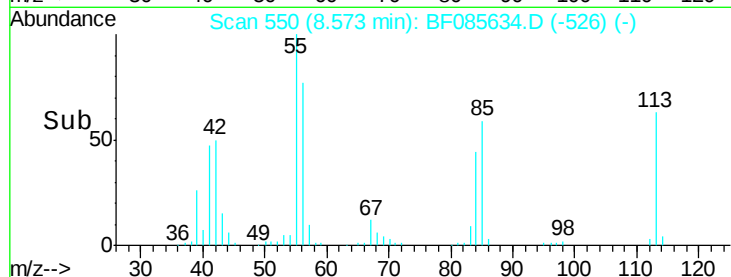
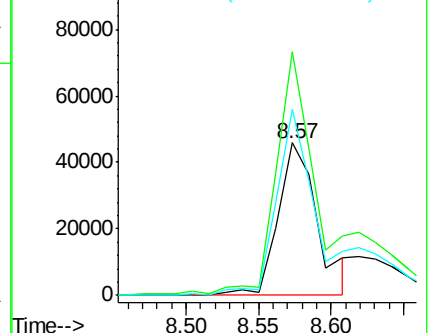
56 121.8 100.4 140.4



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: 48.08 ng

RT: 8.69 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

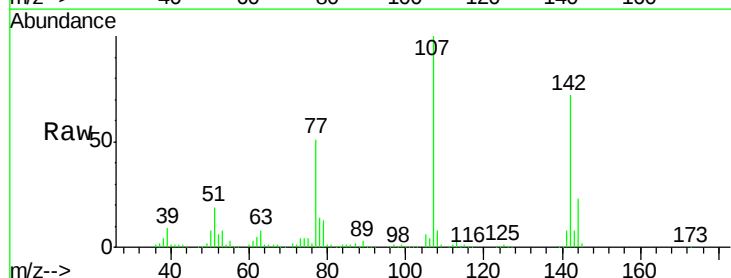
Tgt Ion:107 Resp: 356581

Ion Ratio Lower Upper

107 100

144 23.3 19.3 28.9

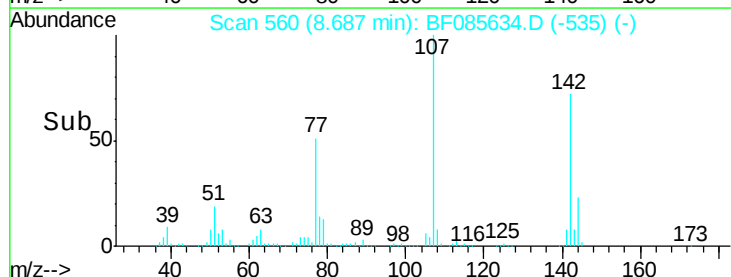
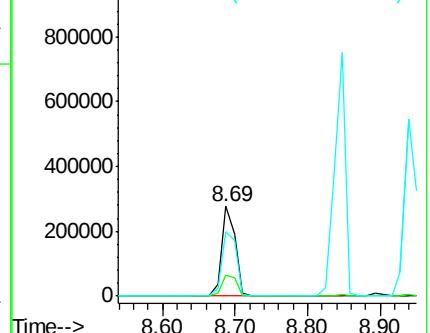
142 72.3 61.4 92.0

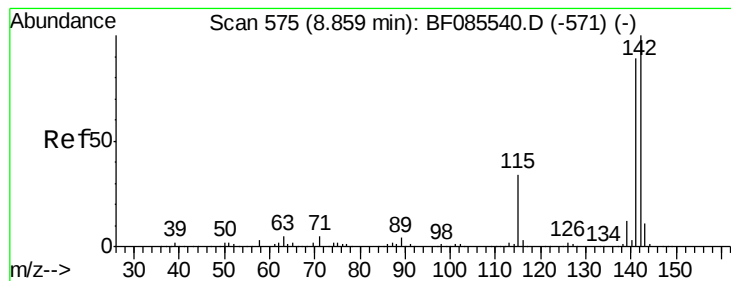


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

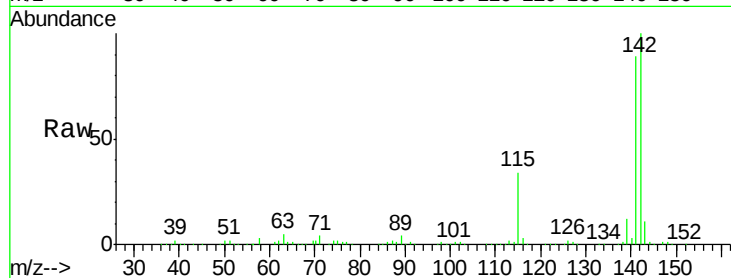




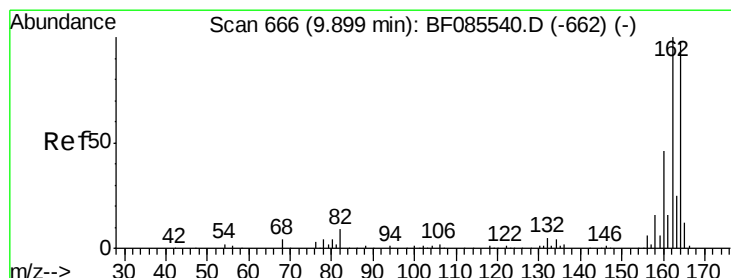
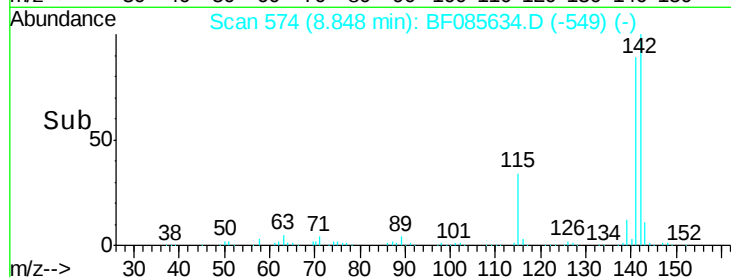
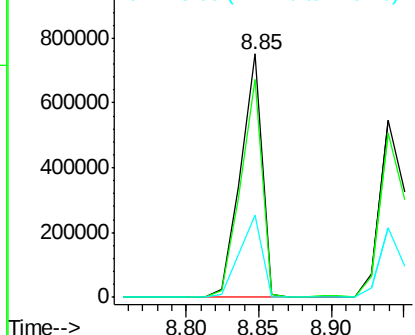
#37
 2-Methylnaphthalene
 Concen: 53.99 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion:142 Resp: 774963
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.6 107.4
 115 33.7 26.8 40.2

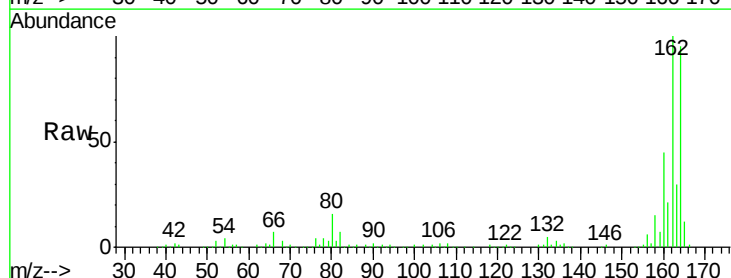


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

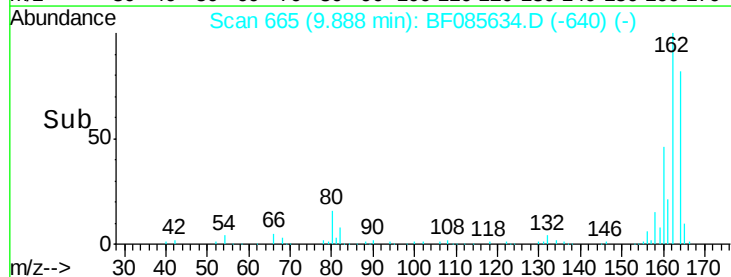
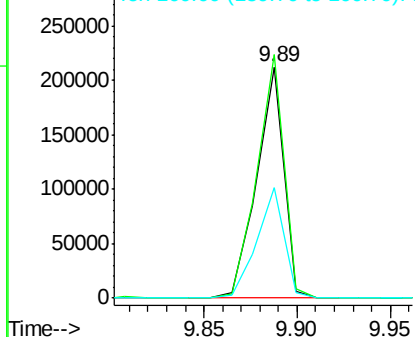


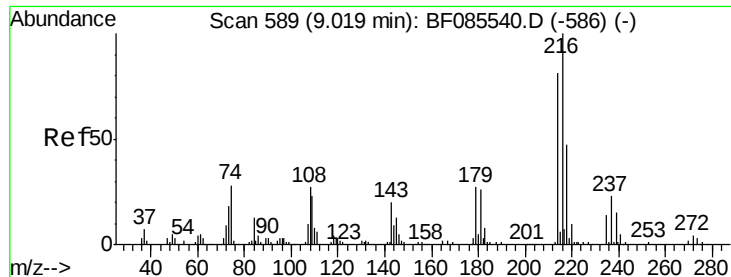
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion:164 Resp: 211667
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.1 123.1
 160 47.6 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

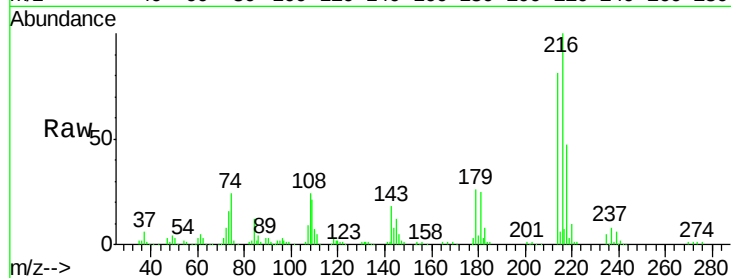




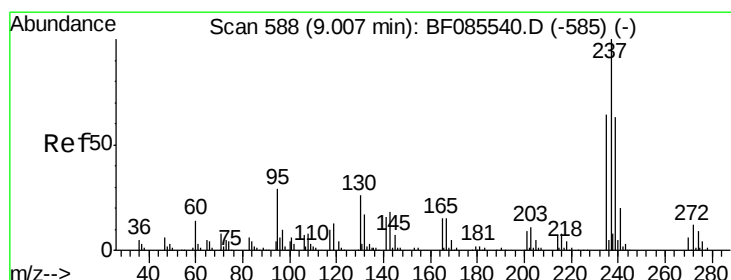
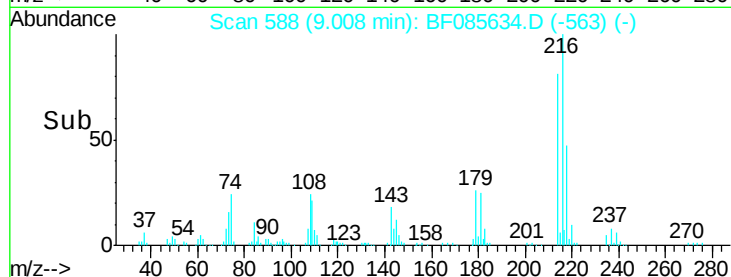
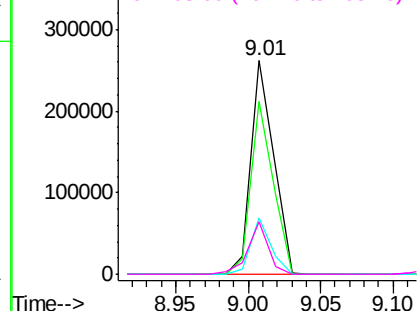
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.48 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion:	216	Resp:	285561
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.1	94.7
179	23.4	18.2	27.2
108	21.8	17.3	25.9

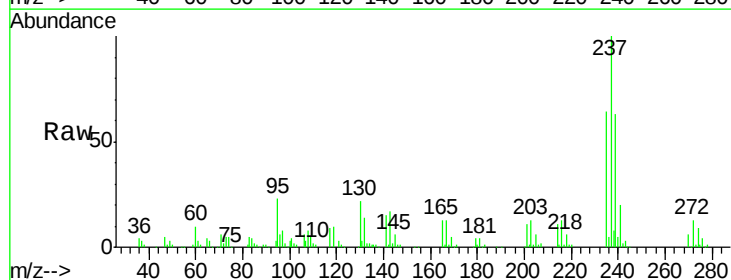


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

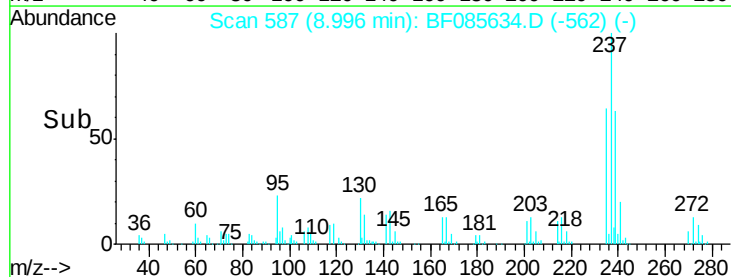
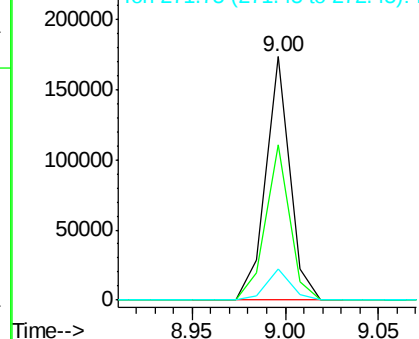


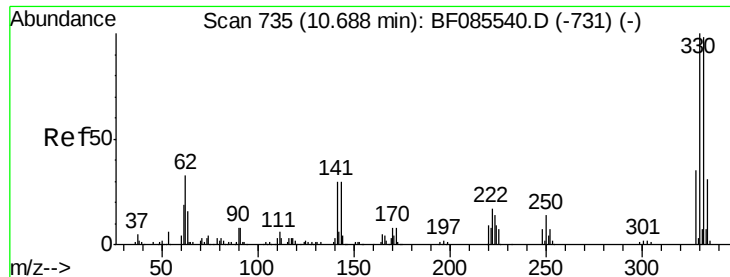
#40
 Hexachlorocyclopentadiene
 Concen: 53.29 ng
 RT: 9.00 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion:	237	Resp:	154221
Ion	Ratio	Lower	Upper
237	100		
235	63.5	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

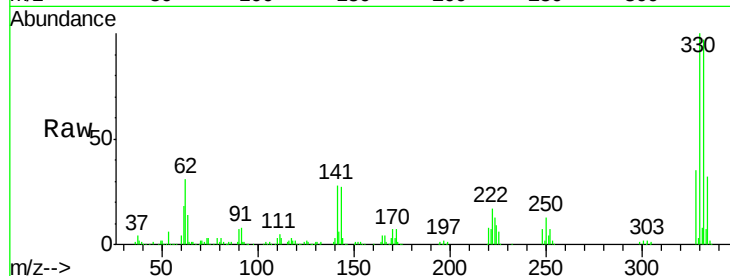




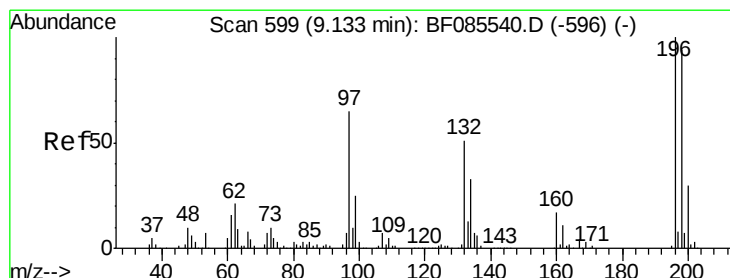
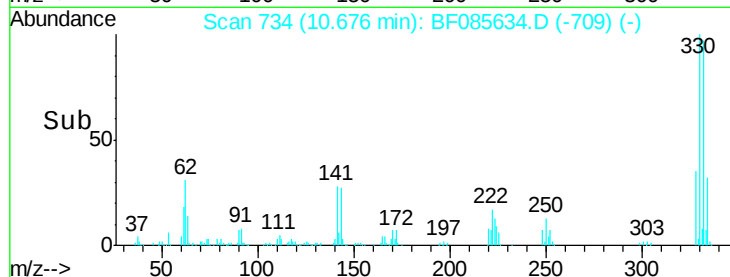
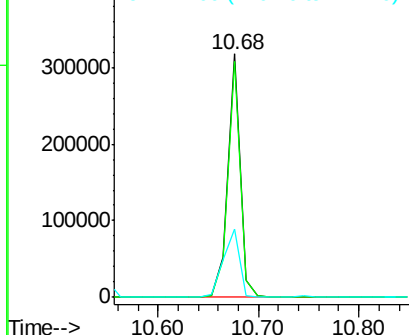
#41
 2,4,6-Tribromophenol
 Concen: 132.14 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion:330 Resp: 273979
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.2
 141 36.6 31.5 47.3

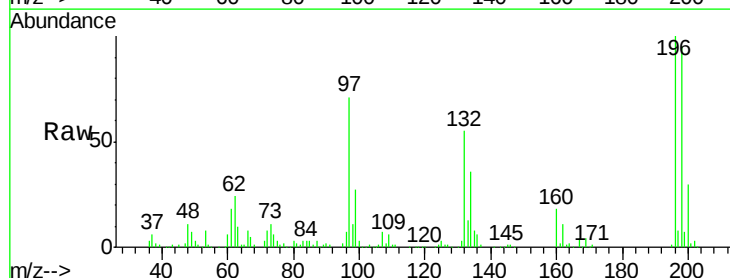


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

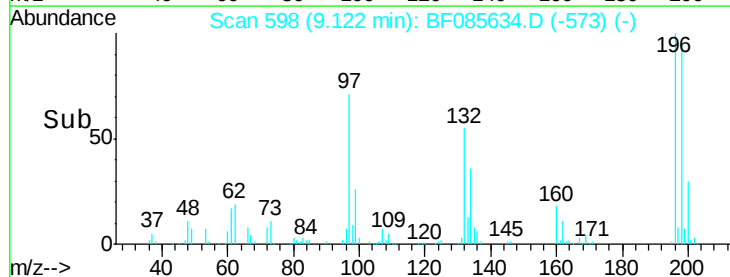
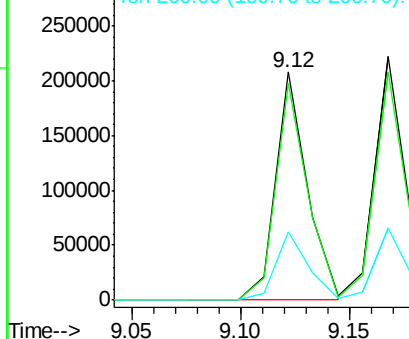


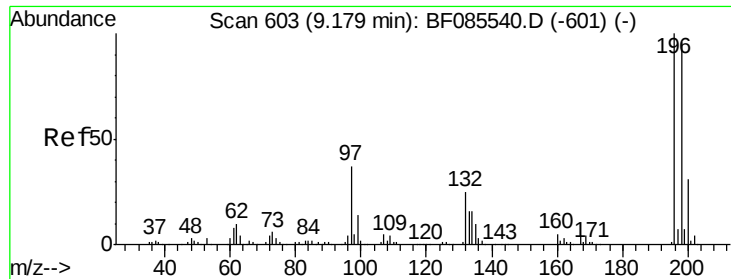
#42
 2,4,6-Trichlorophenol
 Concen: 48.00 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion:196 Resp: 210973
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.3 112.9
 200 29.8 23.7 35.5



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

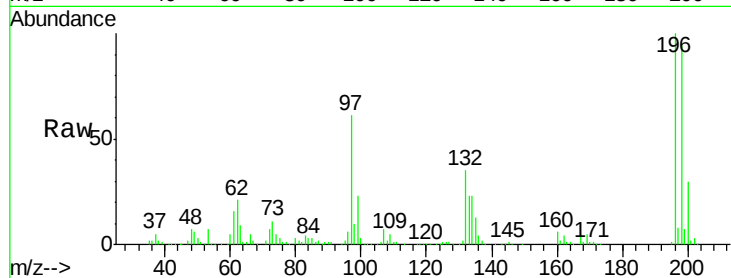




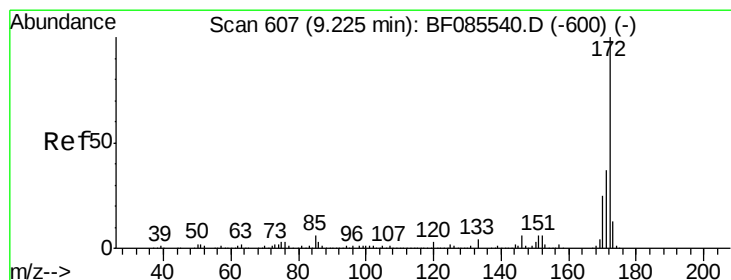
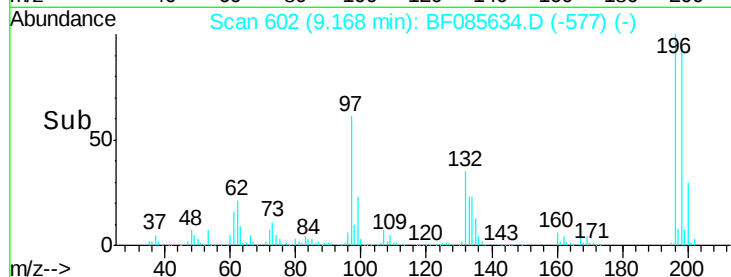
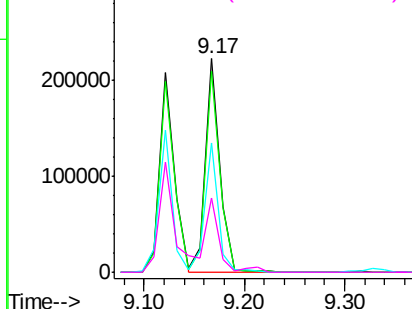
#43
 2,4,5-Trichlorophenol
 Concen: 49.58 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion:196 Resp: 221789
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.6 114.8
 97 60.8 30.5 45.7#
 132 34.8 20.2 30.2#

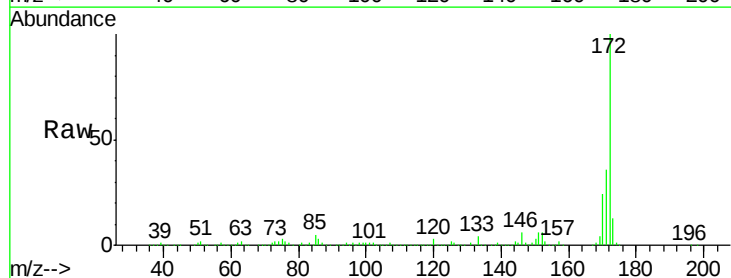


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

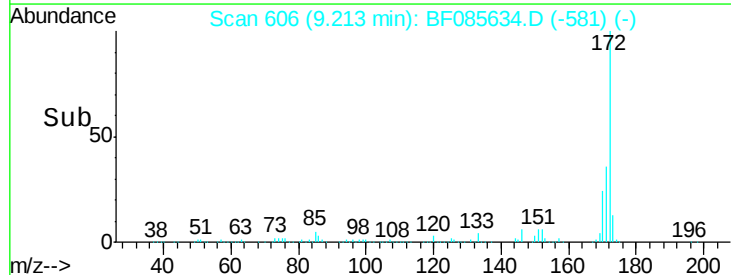
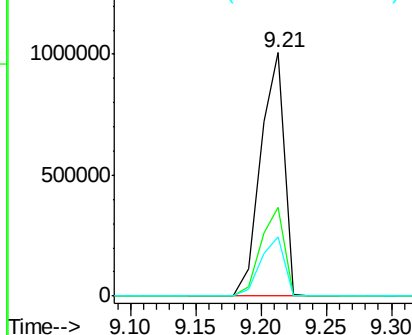


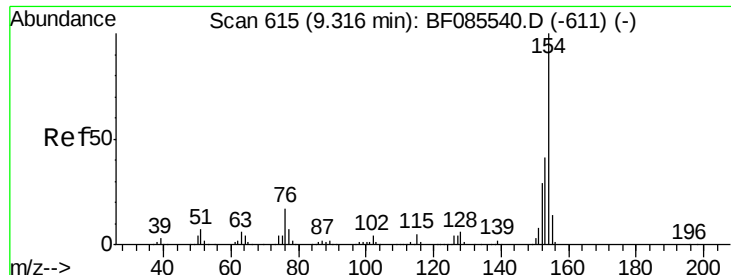
#44
 2-Fluorobiphenyl
 Concen: 110.62 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion:172 Resp: 1270093
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.4 19.8 29.6



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

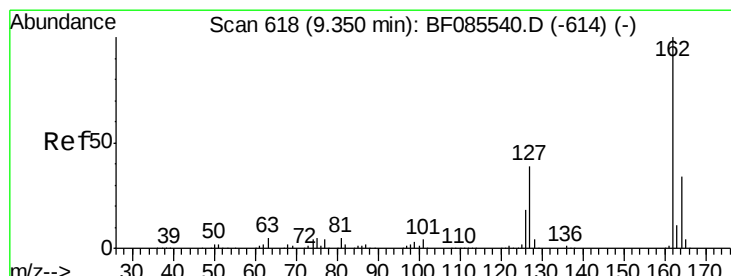
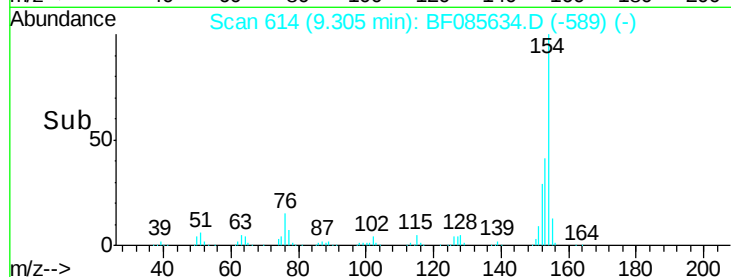
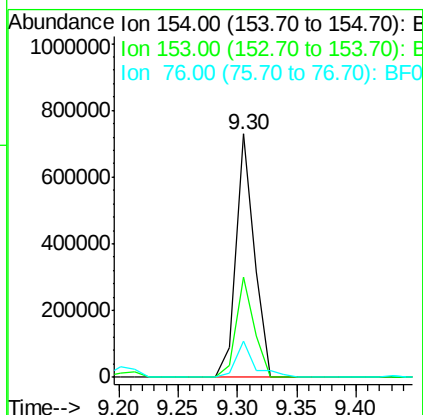
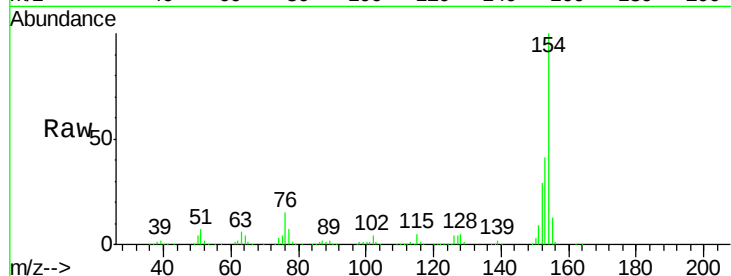




#45
 1,1'-Biphenyl
 Concen: 42.87 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

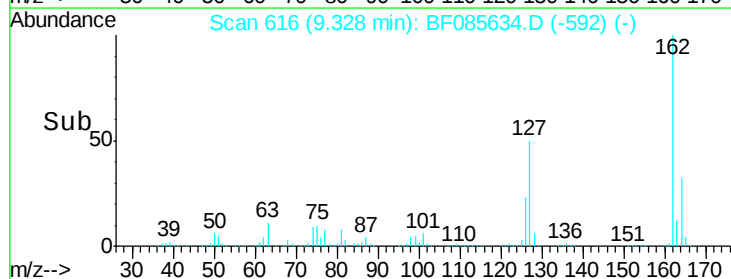
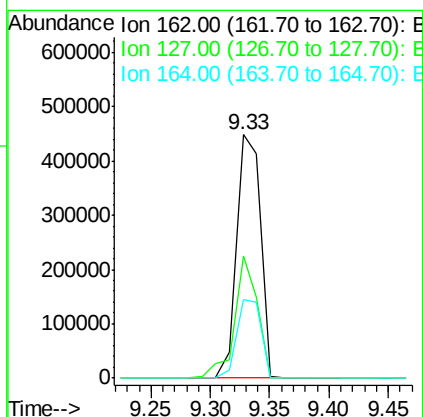
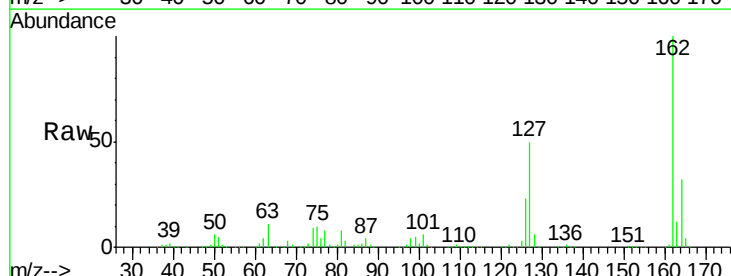
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

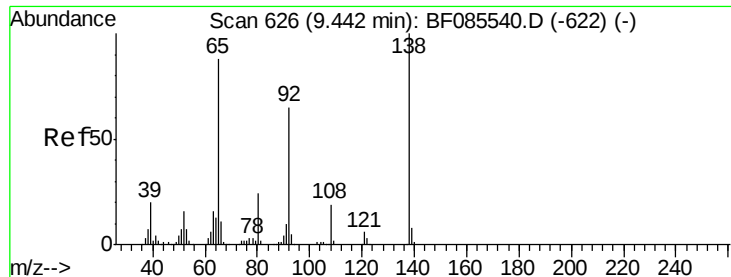
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.8	60.8
76	15.0	0.0	36.7



#46
 2-Chloronaphthalene
 Concen: 47.16 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	50.0	31.7	47.5#
164	32.3	27.3	40.9

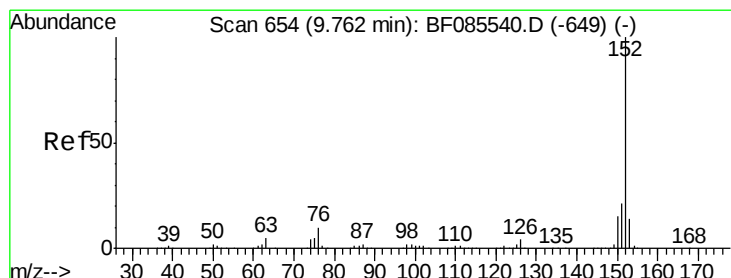
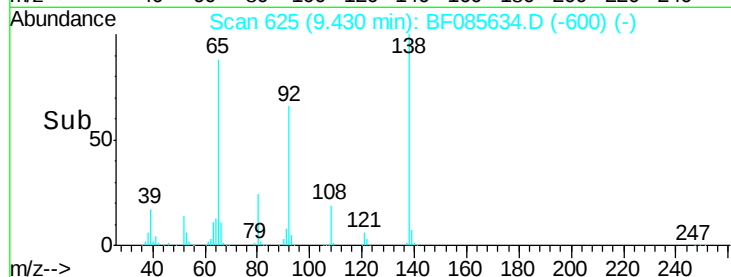
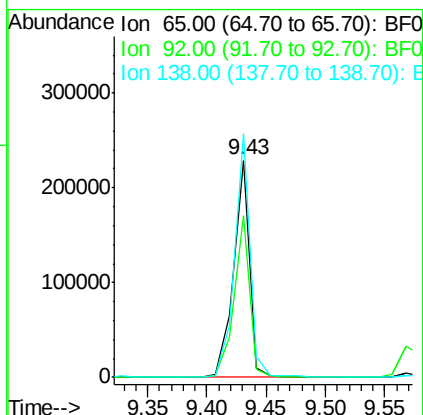
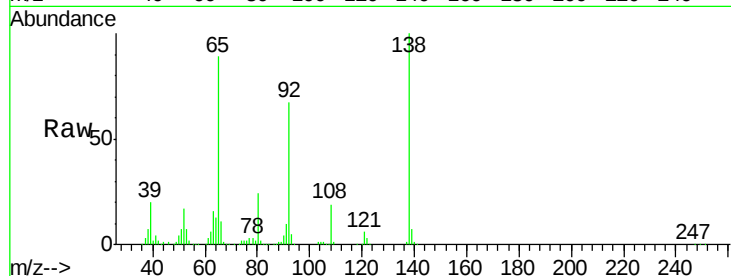




#47
2-Nitroaniline
Concen: 52.99 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

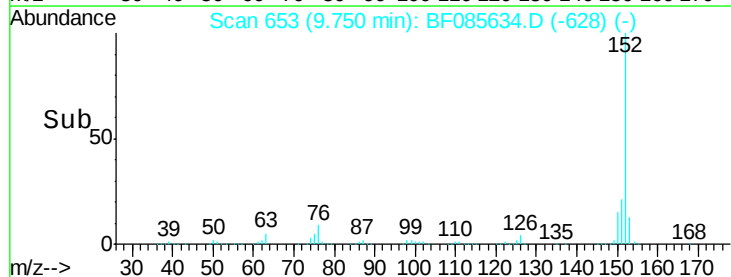
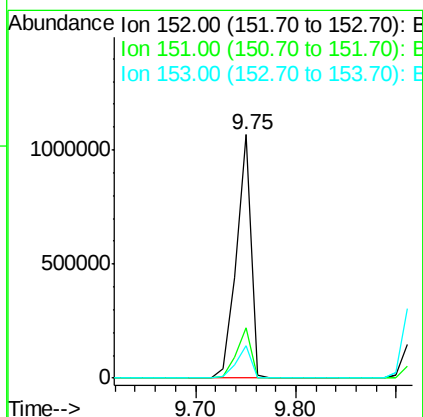
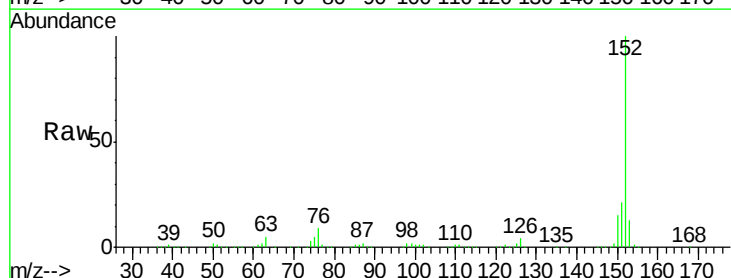
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

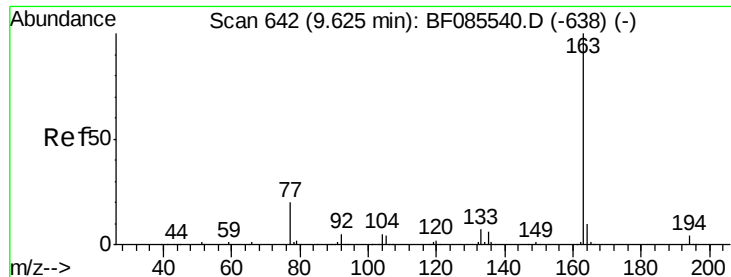
Tgt Ion: 65 Resp: 213805
Ion Ratio Lower Upper
65 100
92 74.7 59.7 89.5
138 112.2 91.4 137.0



#48
Acenaphthylene
Concen: 49.76 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion: 152 Resp: 1074110
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.4 10.9 16.3

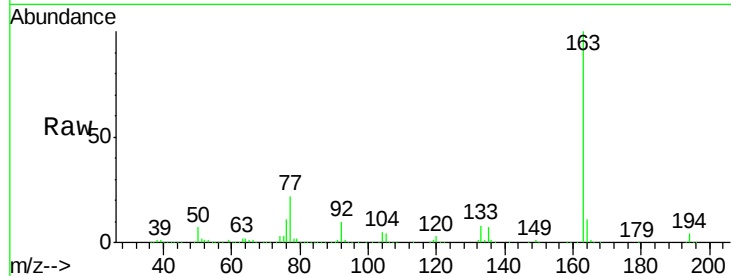




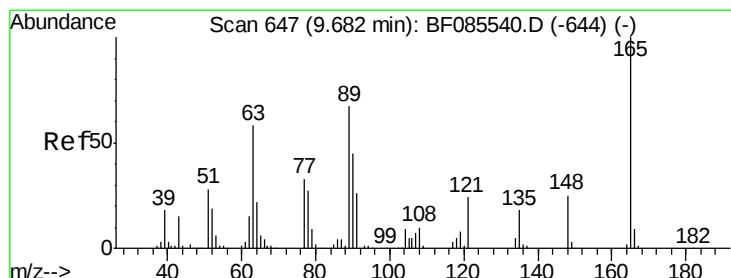
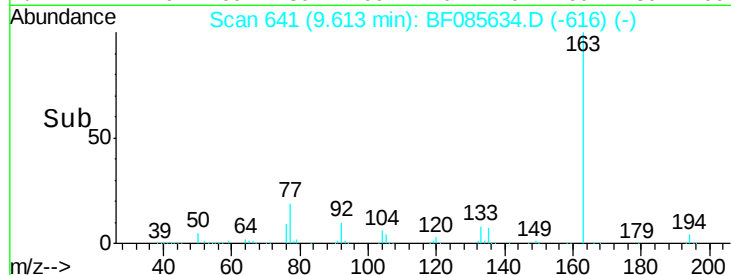
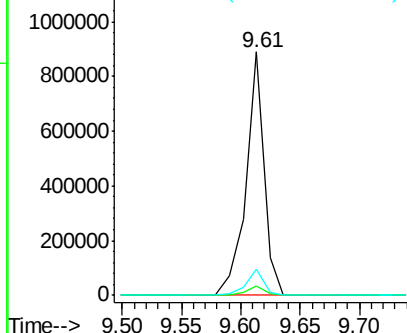
#49
Dimethylphthalate
Concen: 59.34 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion:163 Resp: 947858
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.7 8.3 12.5

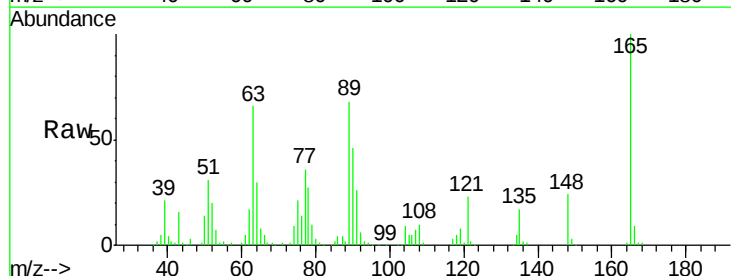


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

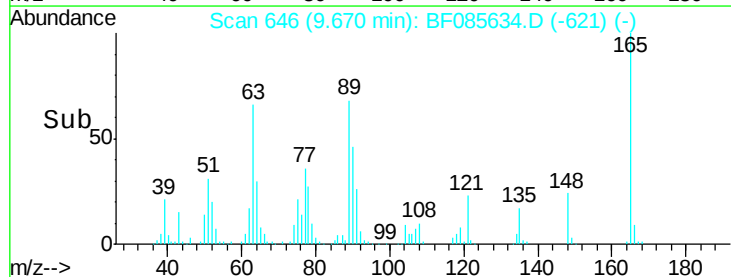
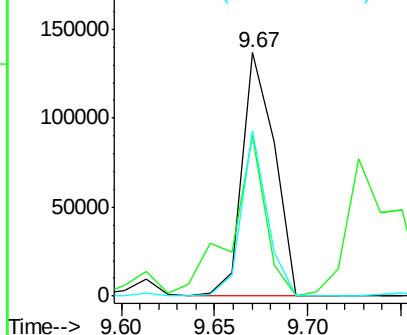


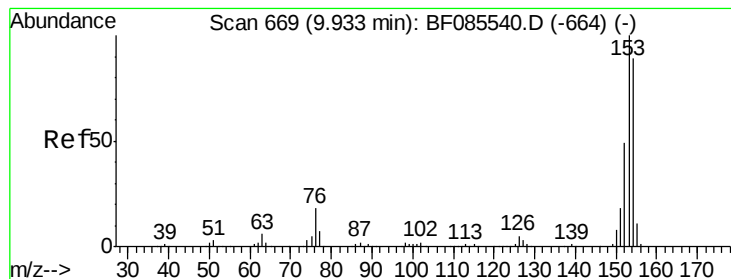
#50
2,6-Dinitrotoluene
Concen: 48.52 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion:165 Resp: 163602
Ion Ratio Lower Upper
165 100
63 65.8 51.8 77.8
89 67.9 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: 49.49 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

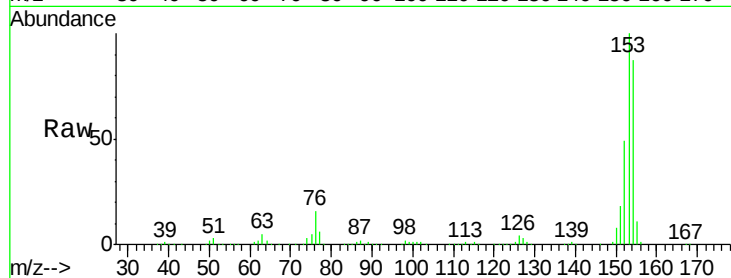
Tgt Ion:154 Resp: 670373

Ion Ratio Lower Upper

154 100

153 114.4 90.1 135.1

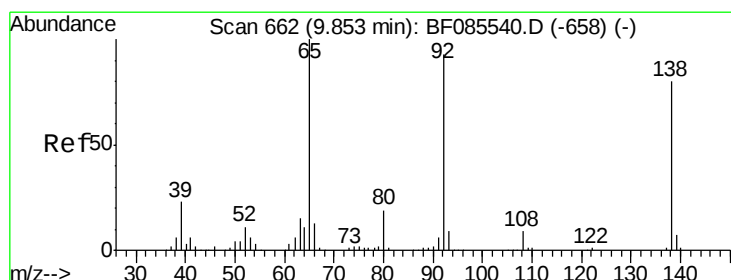
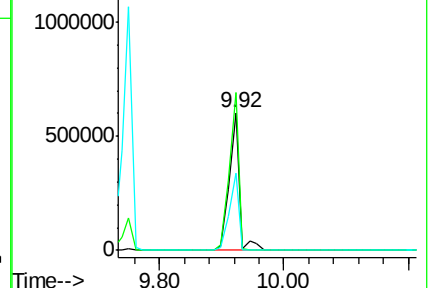
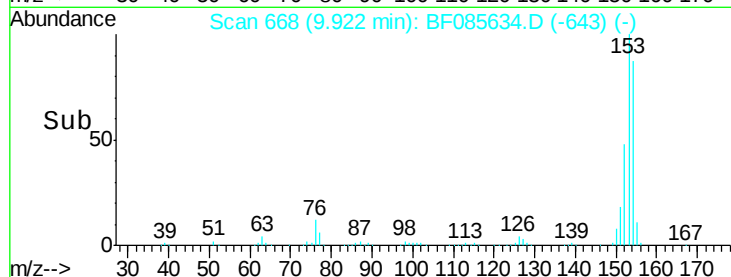
152 55.6 44.2 66.2



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: 34.99 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

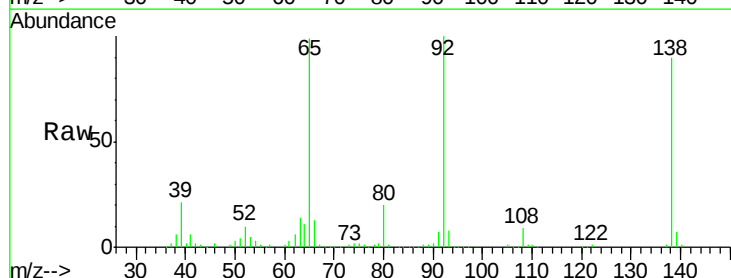
Tgt Ion:138 Resp: 147754

Ion Ratio Lower Upper

138 100

108 10.3 8.7 13.1

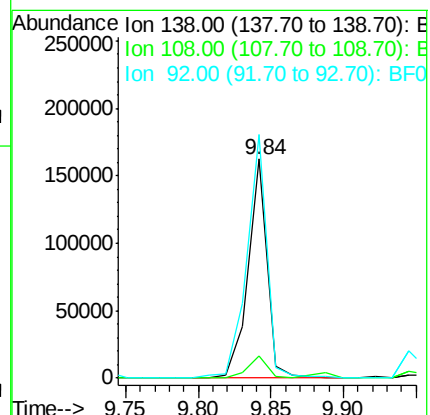
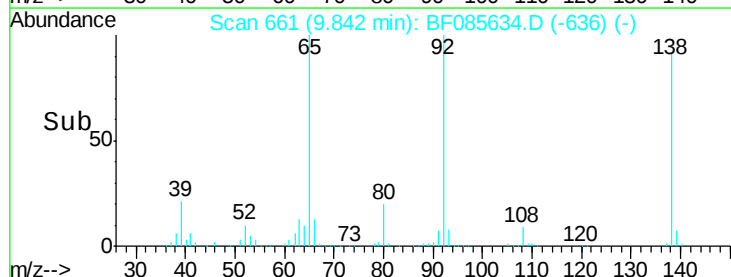
92 111.3 93.3 139.9

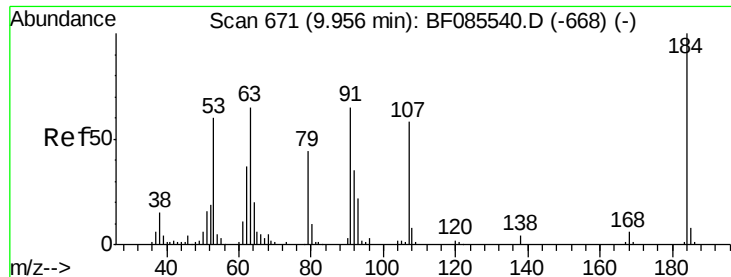


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

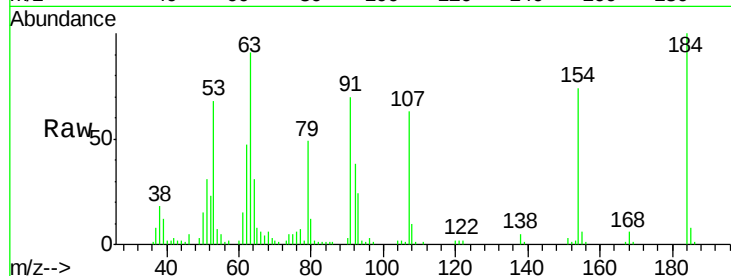




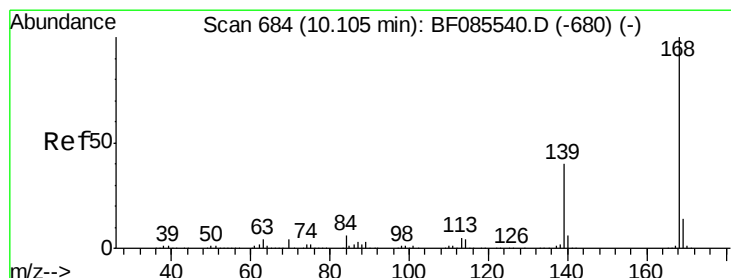
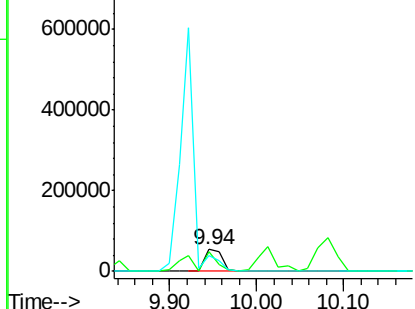
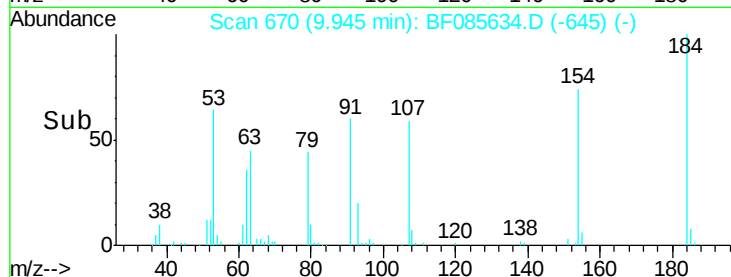
#53
2,4-Dinitrophenol
Concen: 38.72 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion:184 Resp: 79994
Ion Ratio Lower Upper
184 100
63 90.8 69.5 104.3
154 74.2 58.3 87.5

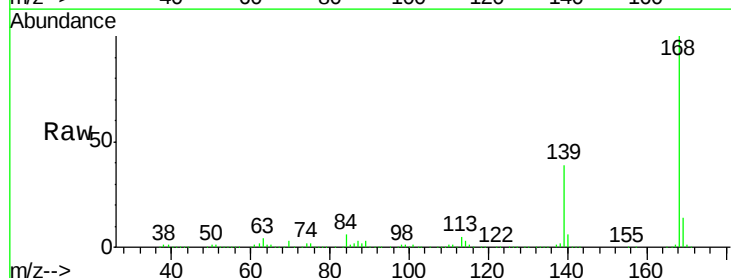


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

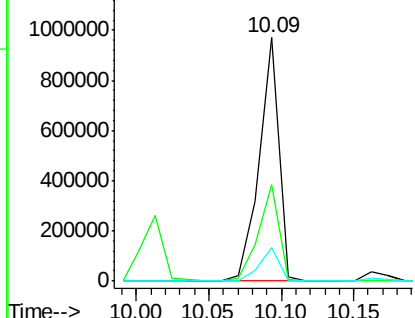
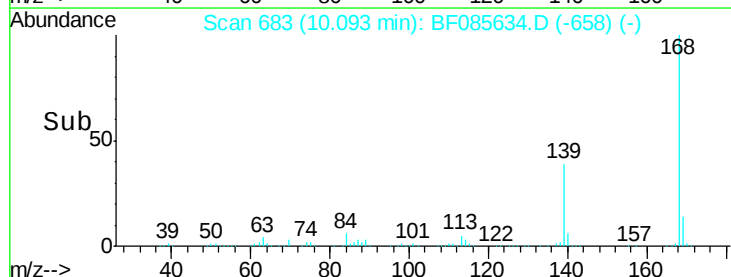


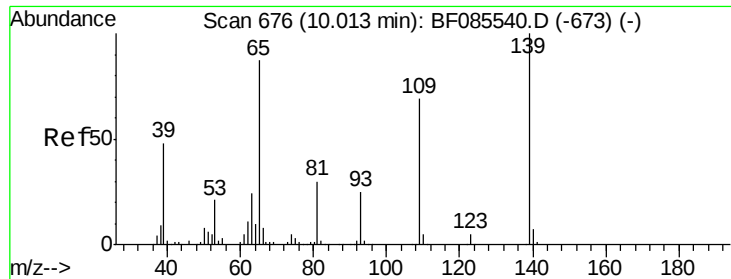
#54
Dibenzofuran
Concen: 55.23 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion:168 Resp: 911093
Ion Ratio Lower Upper
168 100
139 39.5 31.9 47.9
169 13.6 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

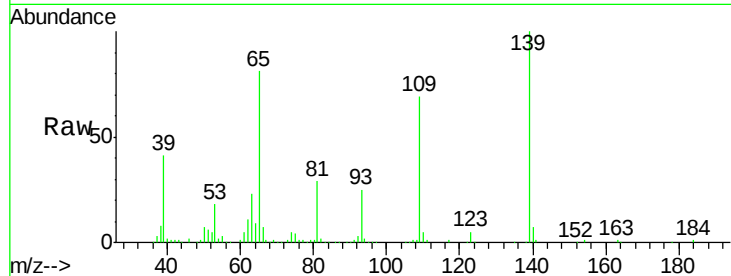




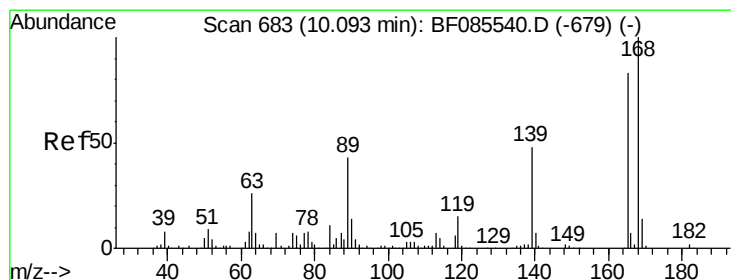
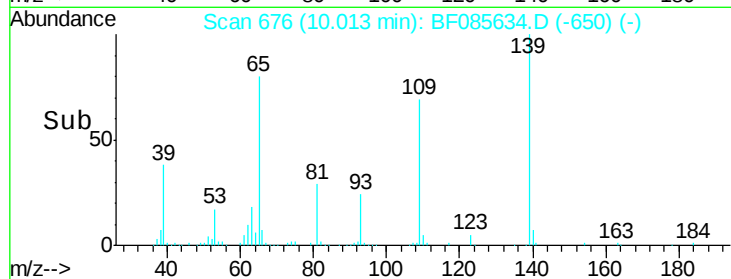
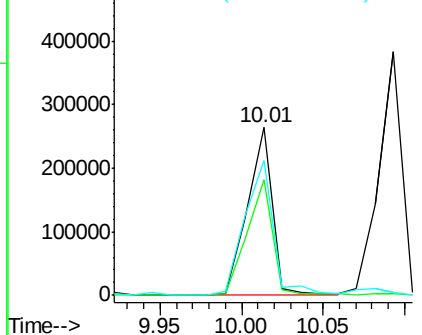
#55
4-Nitrophenol
Concen: 85.86 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion:139 Resp: 280251
Ion Ratio Lower Upper
139 100
109 68.8 49.2 89.2
65 80.6 66.9 106.9

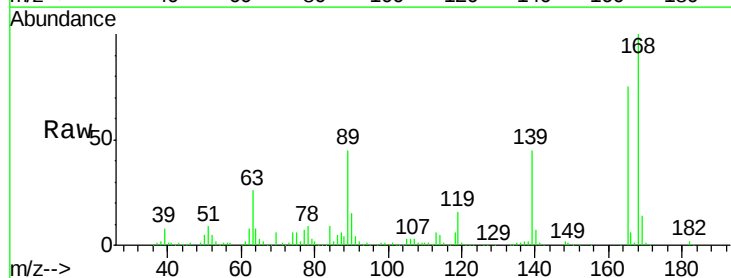


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

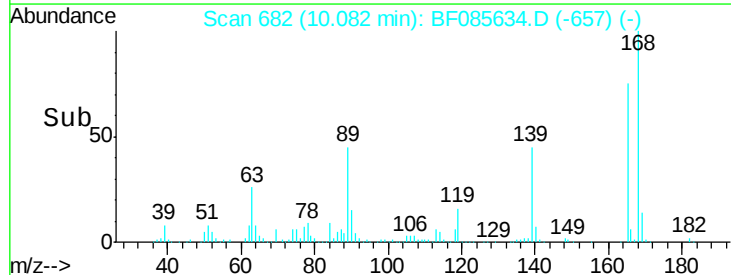
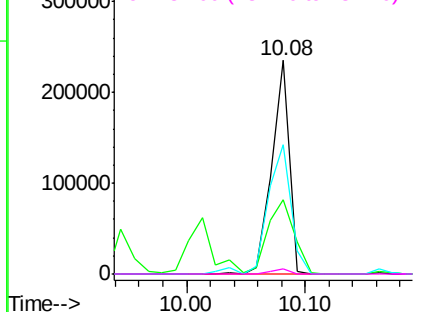


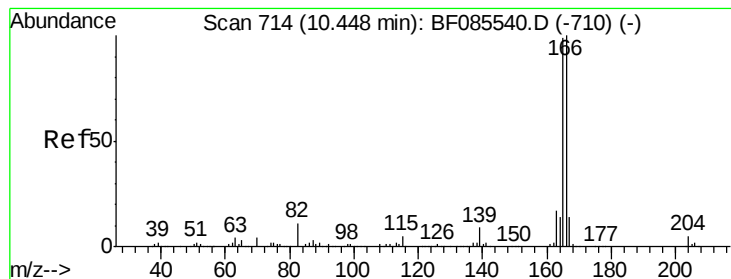
#56
2,4-Dinitrotoluene
Concen: 55.11 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion:165 Resp: 243284
Ion Ratio Lower Upper
165 100
63 34.9 24.9 37.3
89 60.4 41.0 61.6
182 2.7 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: 49.09 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

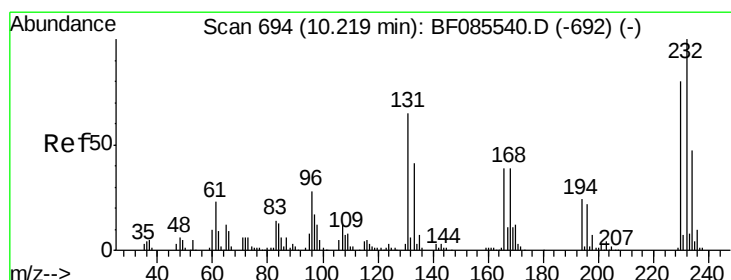
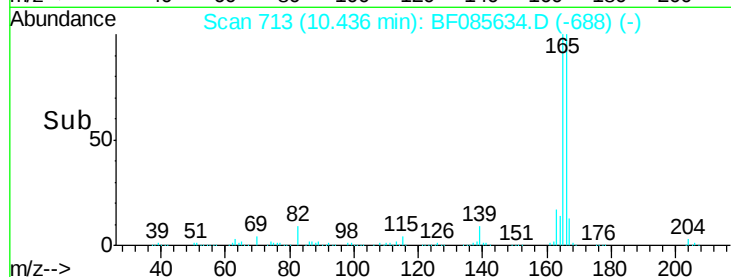
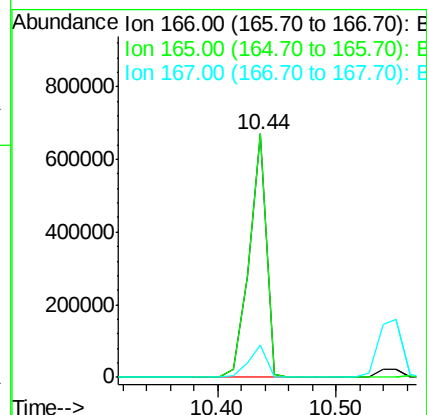
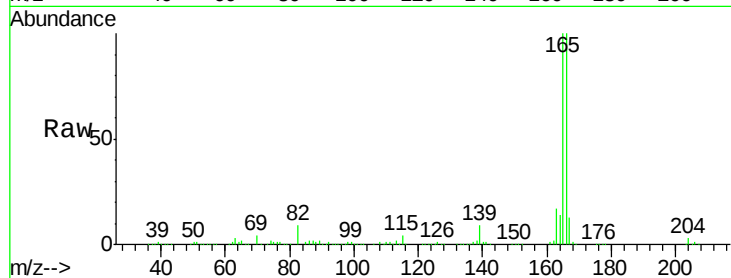
Tgt Ion:166 Resp: 674869

Ion Ratio Lower Upper

166 100

165 100.1 79.4 119.0

167 13.4 11.0 16.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.46 ng

RT: 10.21 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion:232 Resp: 159280

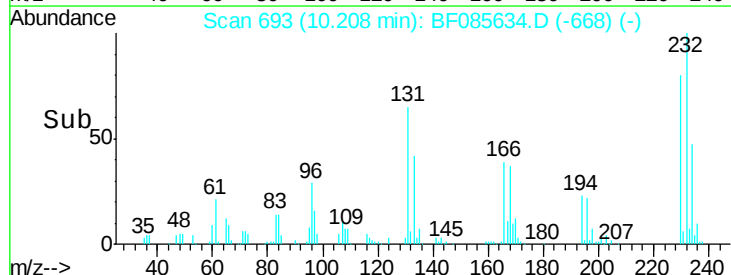
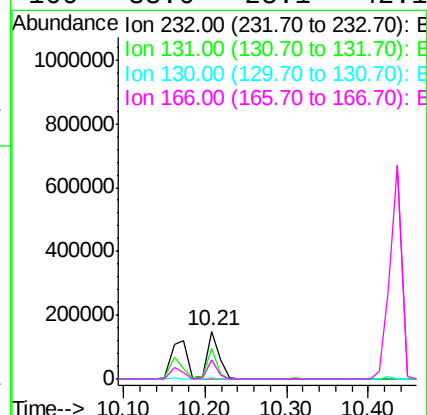
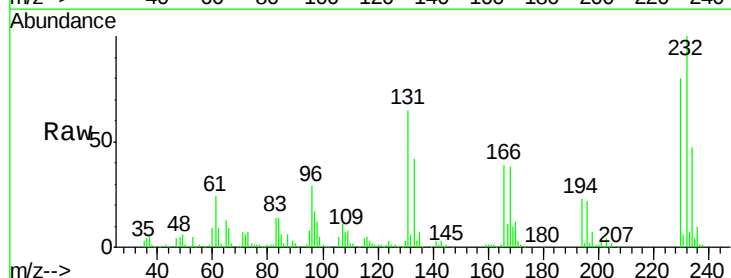
Ion Ratio Lower Upper

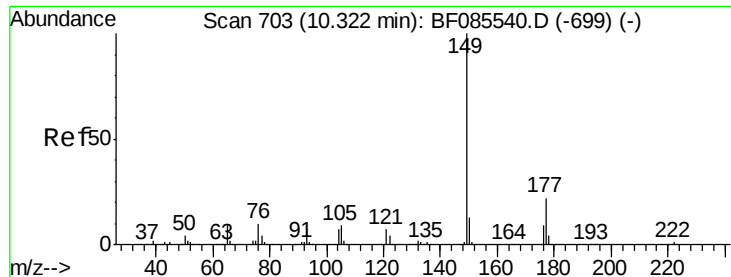
232 100

131 54.3 44.9 67.3

130 2.7 2.3 3.5

166 33.6 28.1 42.1

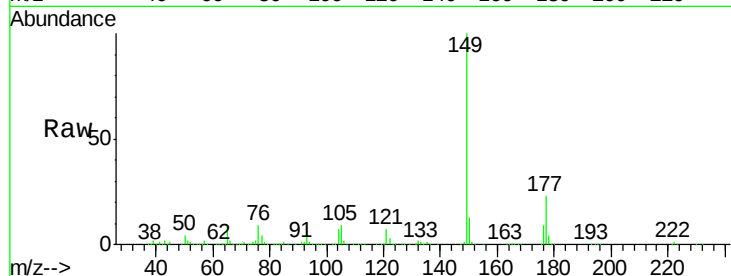




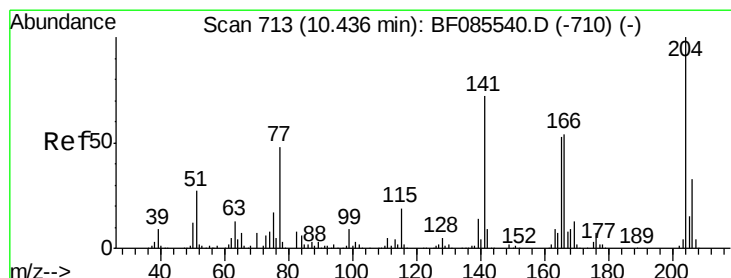
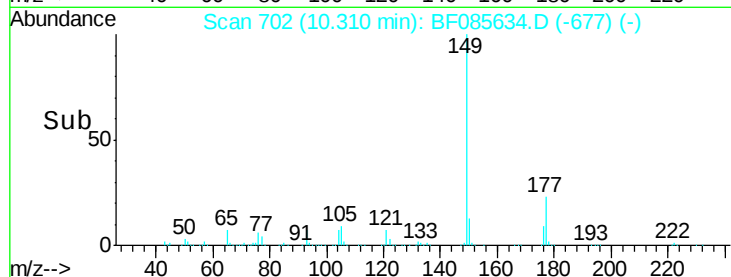
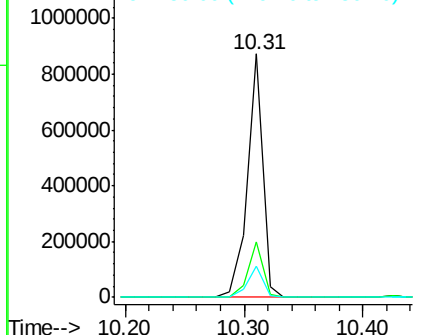
#59
Diethylphthalate
Concen: 49.91 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion:149 Resp: 792617
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.9 10.2 15.2

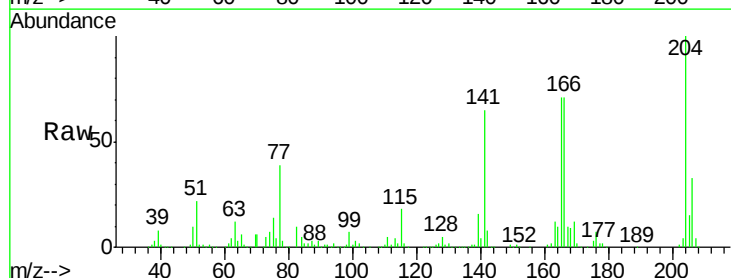


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

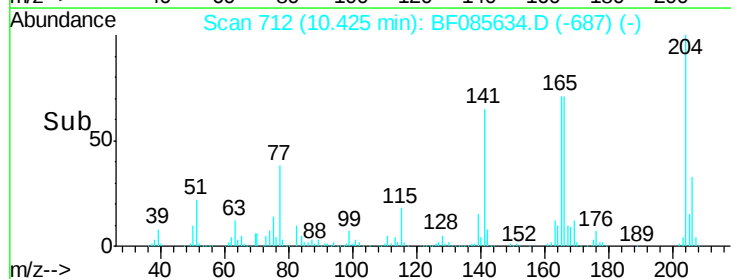
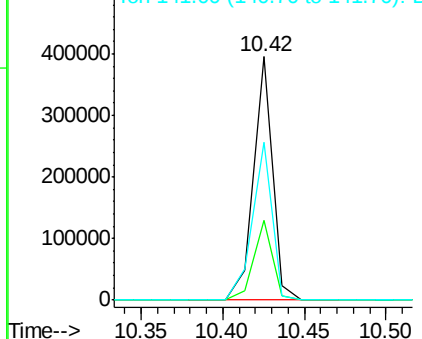


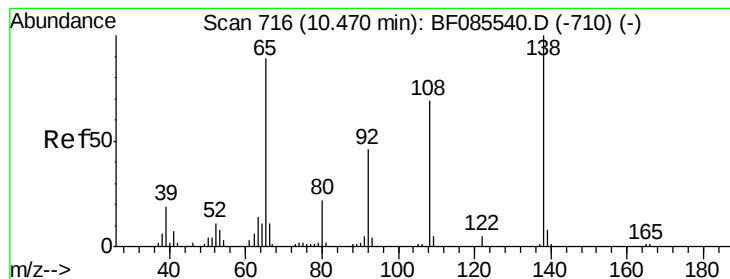
#60
4-Chlorophenyl-phenylether
Concen: 47.87 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion:204 Resp: 321337
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 64.7 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: 44.05 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

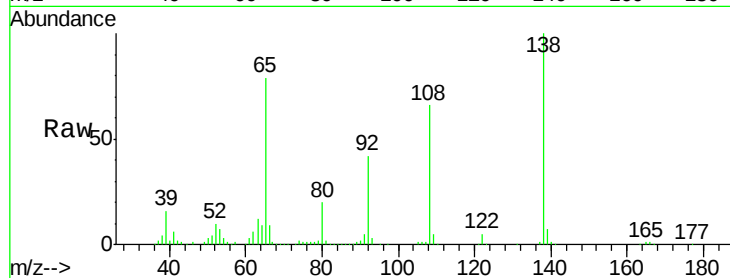
Tgt Ion:138 Resp: 183396

Ion Ratio Lower Upper

138 100

92 42.1 26.4 66.4

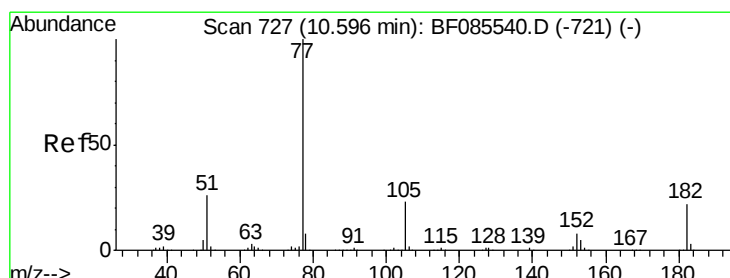
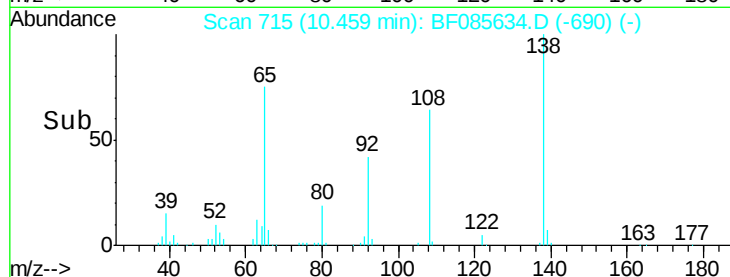
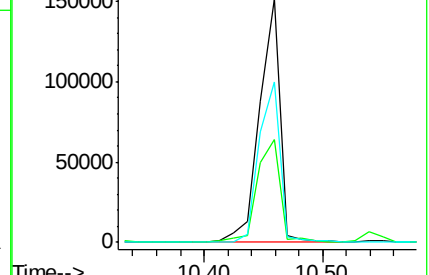
108 65.7 49.0 89.0



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: 52.05 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Tgt Ion: 77 Resp: 793149

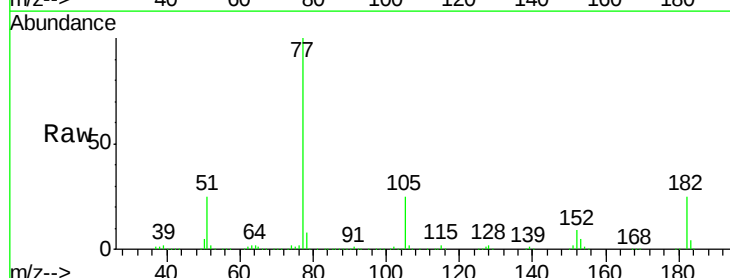
Ion Ratio Lower Upper

77 100

182 25.3 1.9 41.9

105 24.6 3.5 43.5

51 25.0 6.3 46.3

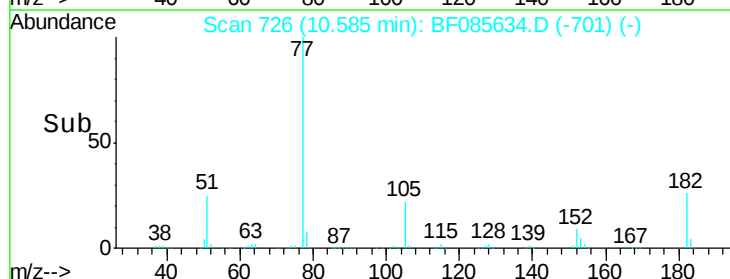
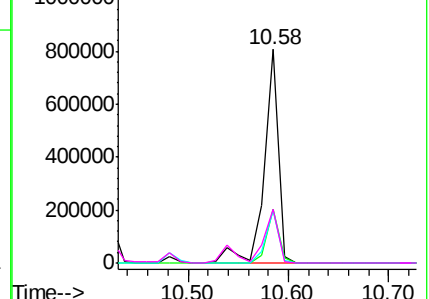


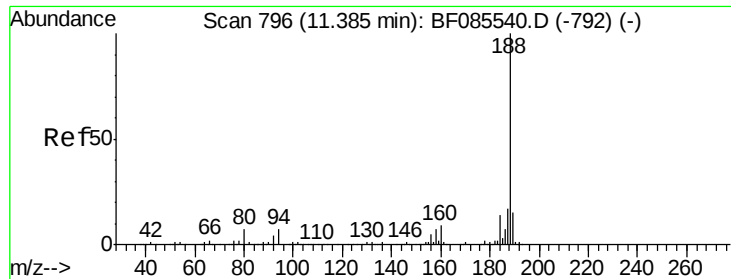
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

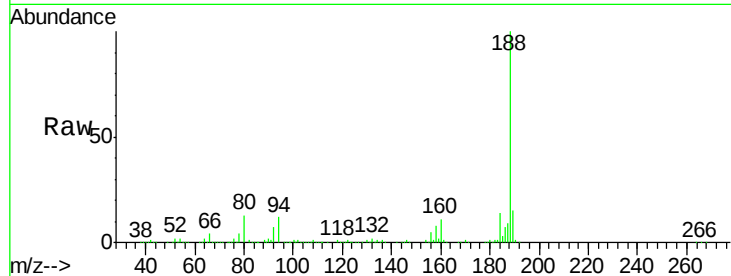
Tgt Ion:188 Resp: 353578

Ion Ratio Lower Upper

188 100

94 12.0 5.4 8.0#

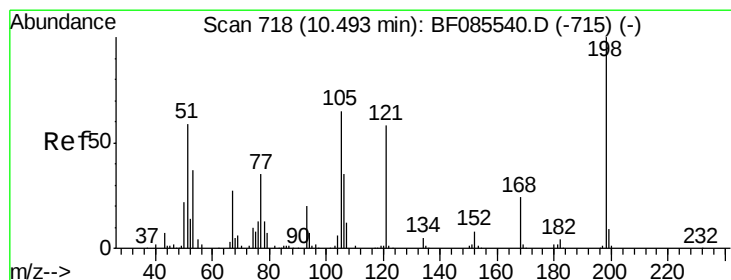
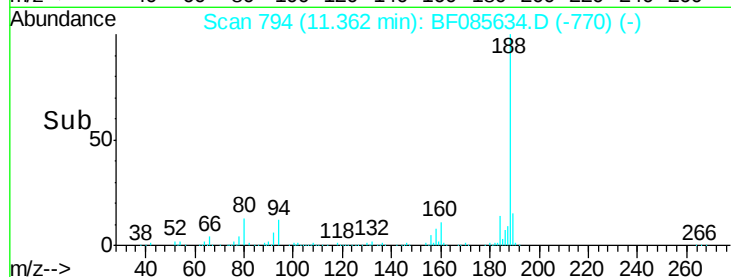
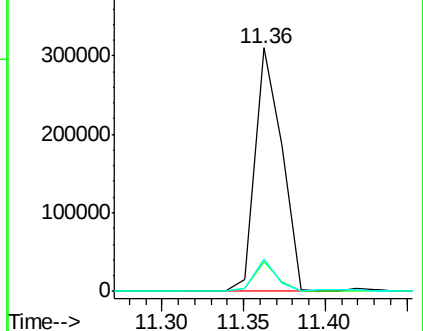
80 13.2 5.5 8.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.01 ng

RT: 10.48 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

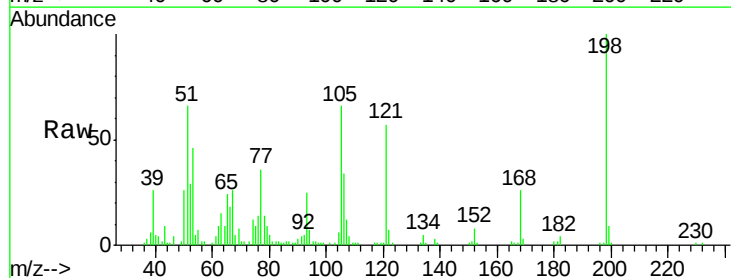
Tgt Ion:198 Resp: 67889

Ion Ratio Lower Upper

198 100

51 65.6 45.4 85.4

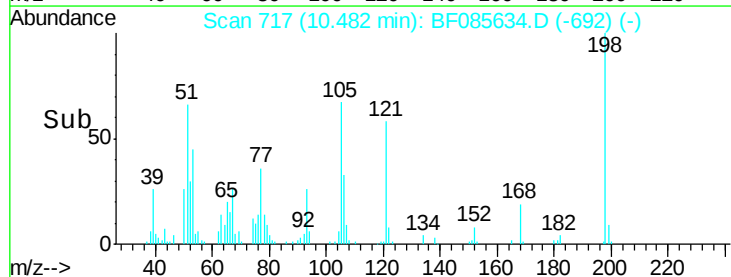
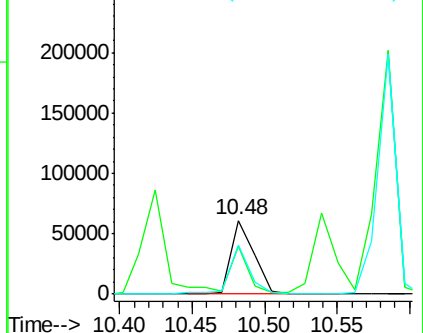
105 66.4 45.9 85.9

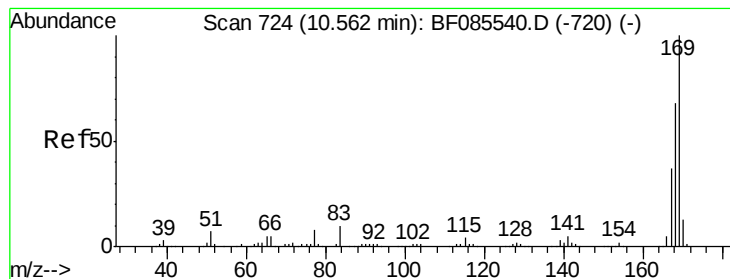


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

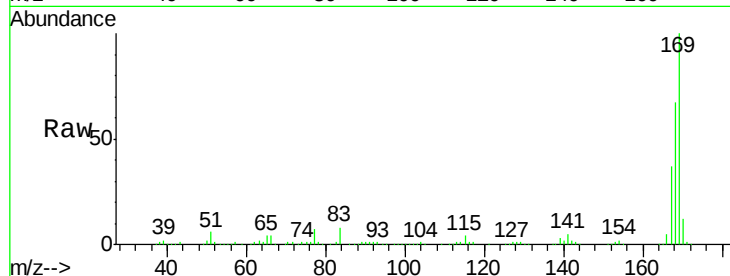




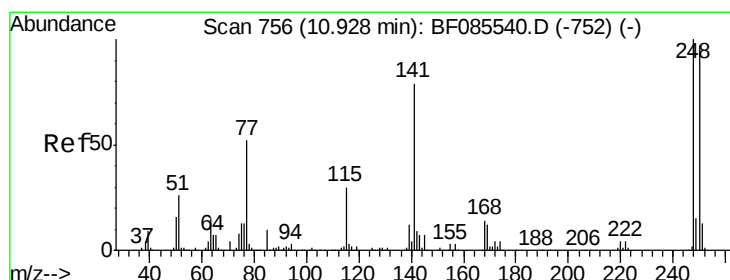
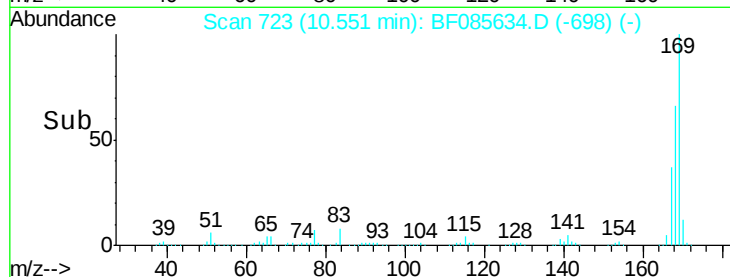
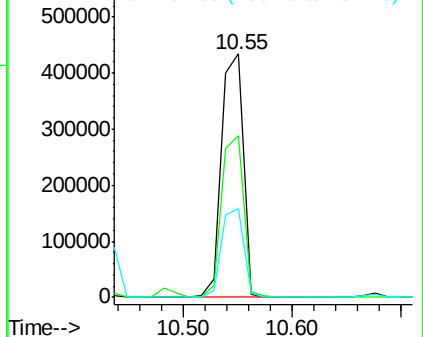
#65
 n-Nitrosodiphenylamine
 Concen: 54.61 ng
 RT: 10.55 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion:169 Resp: 601471
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.4 81.6
 167 36.6 29.4 44.0

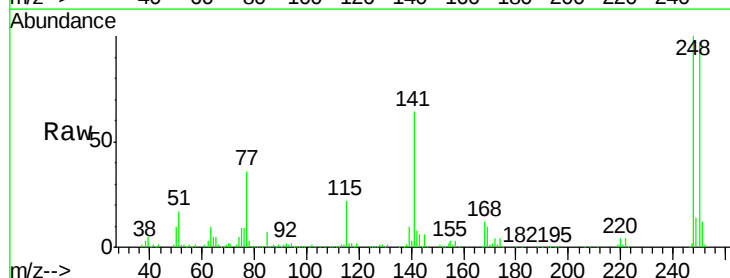


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

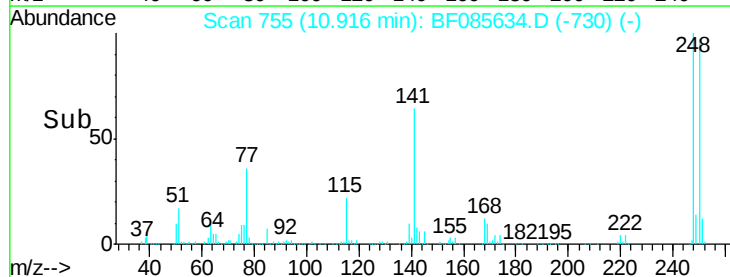
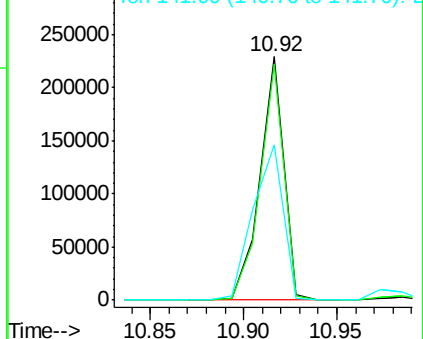


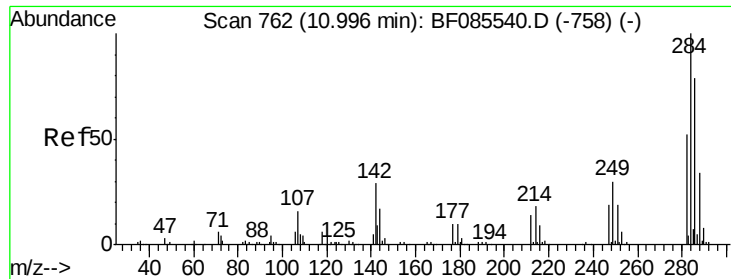
#66
 4-Bromophenyl-phenylether
 Concen: 57.04 ng
 RT: 10.92 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion:248 Resp: 201458
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.4 116.0
 141 63.9 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

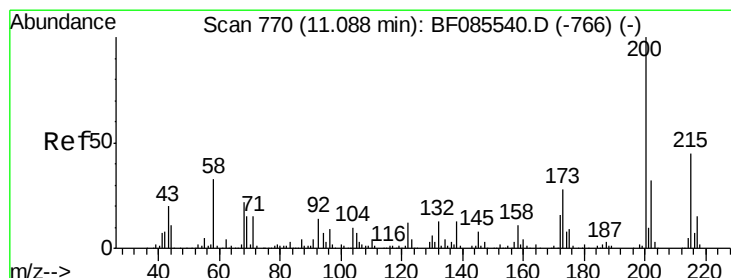
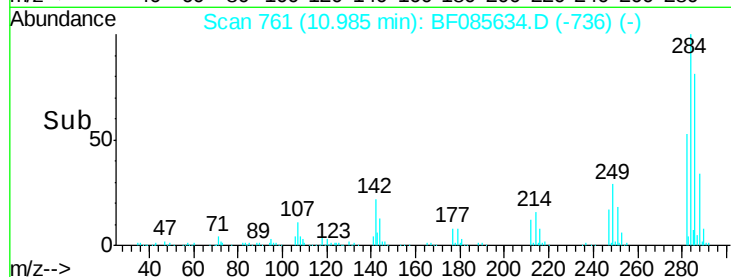
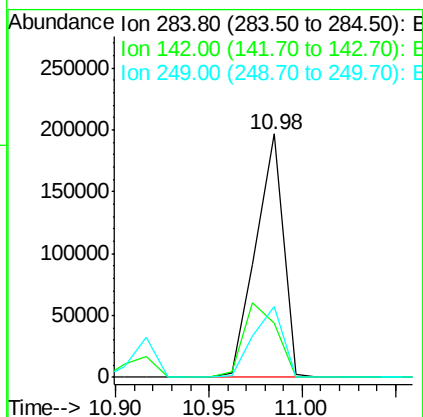
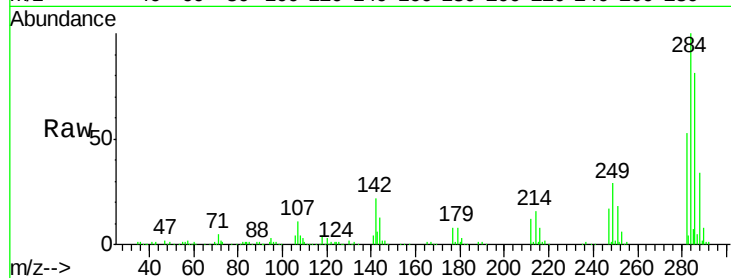




#67
Hexachlorobenzene
Concen: 53.76 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

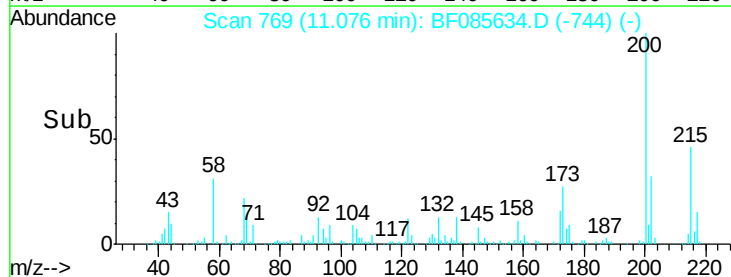
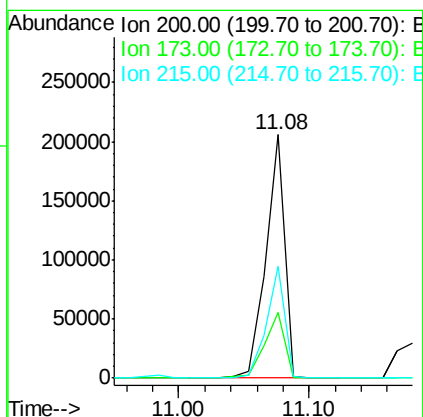
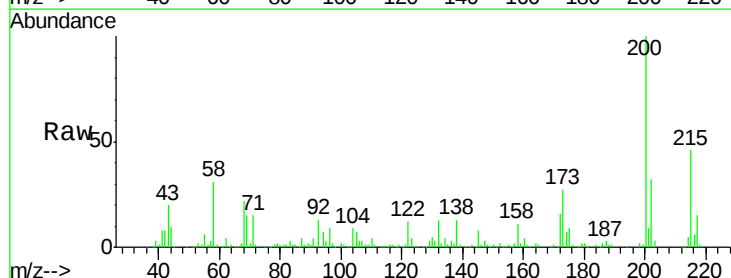
Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

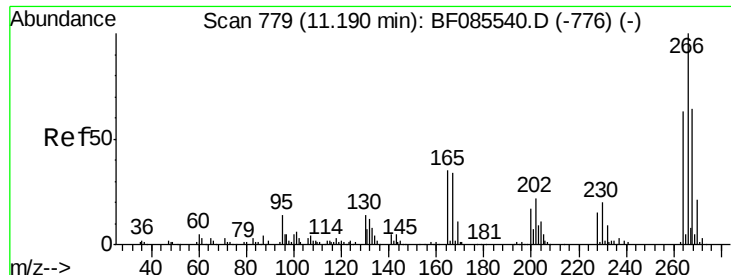
Tgt Ion:284 Resp: 201725
Ion Ratio Lower Upper
284 100
142 22.2 23.1 34.7#
249 29.1 24.2 36.2



#68
Atrazine
Concen: 61.53 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion:200 Resp: 206335
Ion Ratio Lower Upper
200 100
173 27.2 7.7 47.7
215 46.1 25.4 65.4

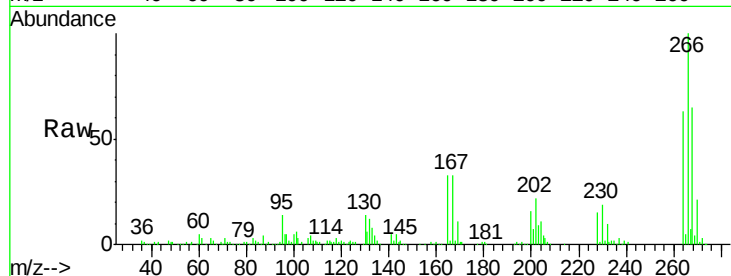




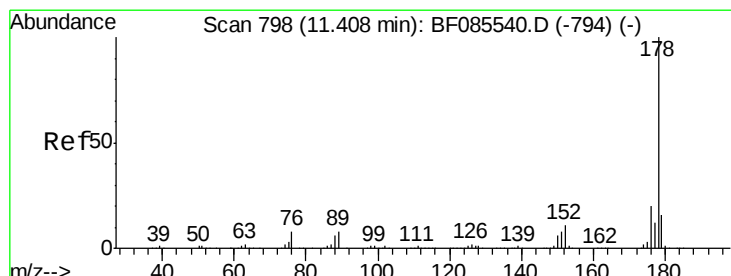
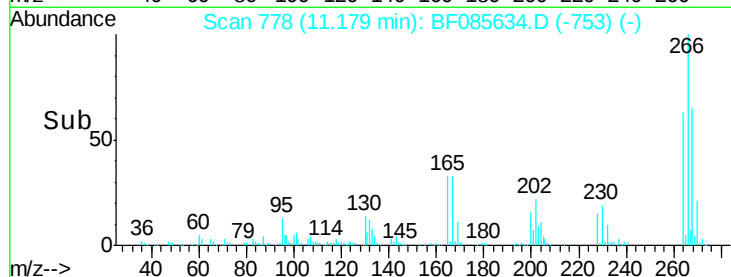
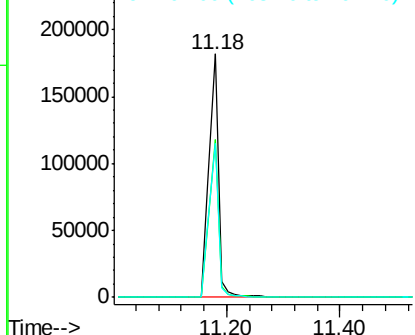
#69
 Pentachlorophenol
 Concen: 88.83 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion:266 Resp: 202389
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.5 77.3
 264 63.5 50.6 76.0

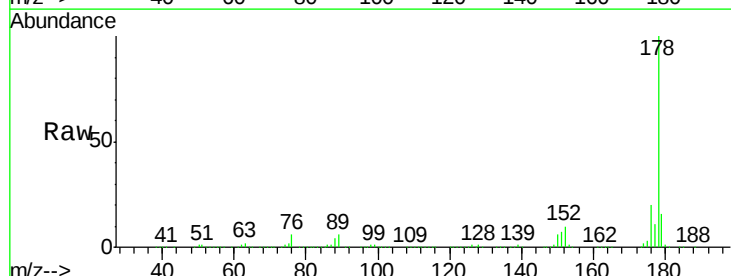


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

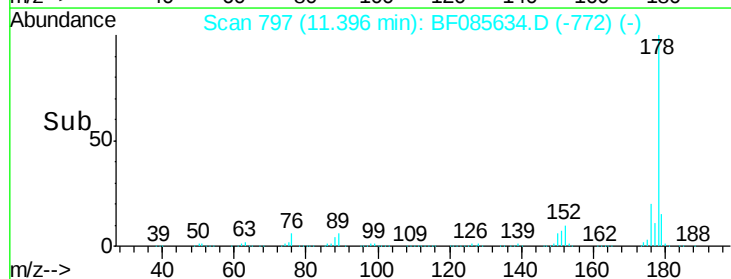
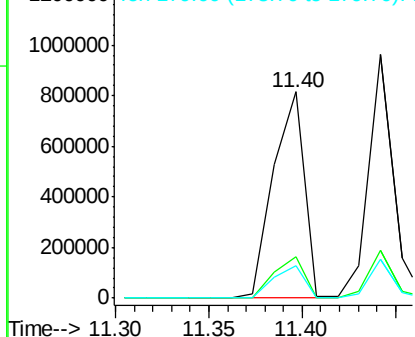


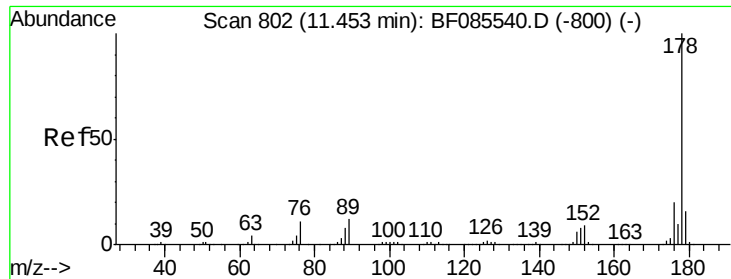
#70
 Phenanthrene
 Concen: 50.56 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion:178 Resp: 942564
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.3 24.5
 179 15.6 12.6 18.8



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

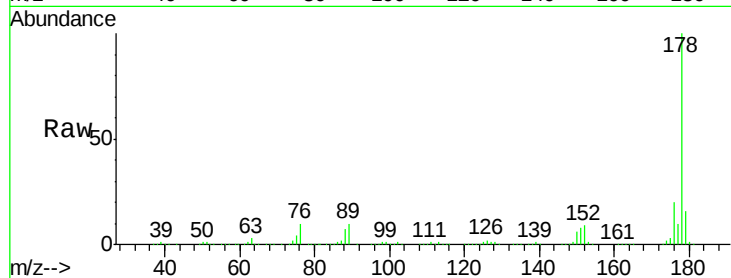




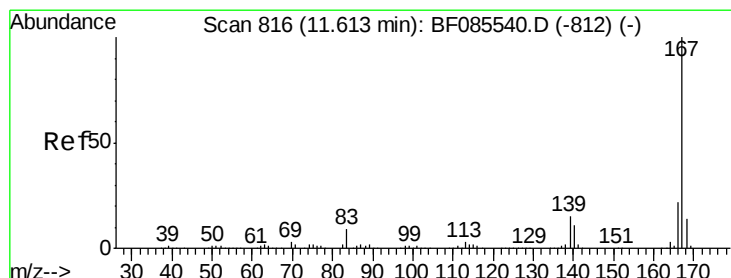
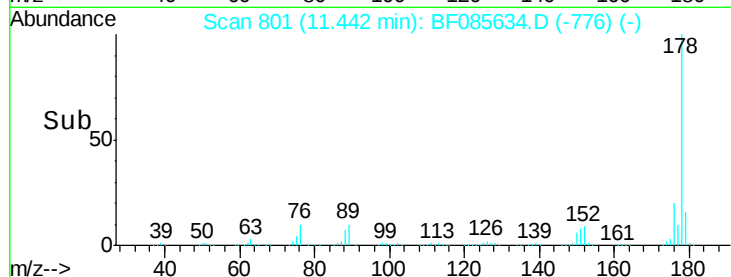
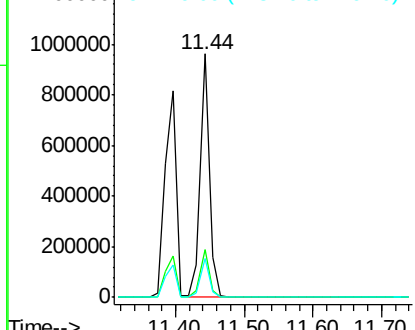
#71
 Anthracene
 Concen: 44.31 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

Tgt Ion:178 Resp: 866236
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.8 13.0 19.4

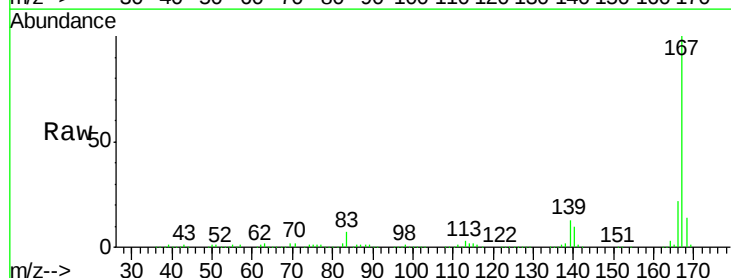


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

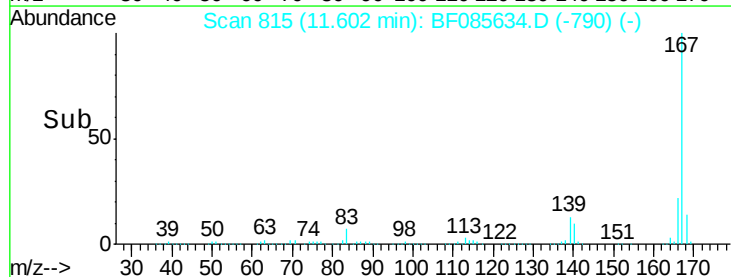
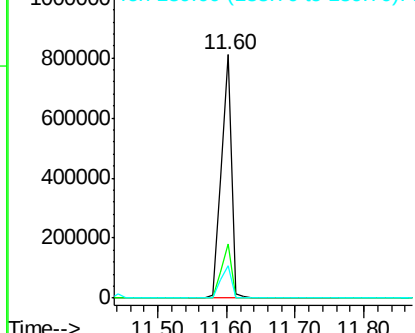


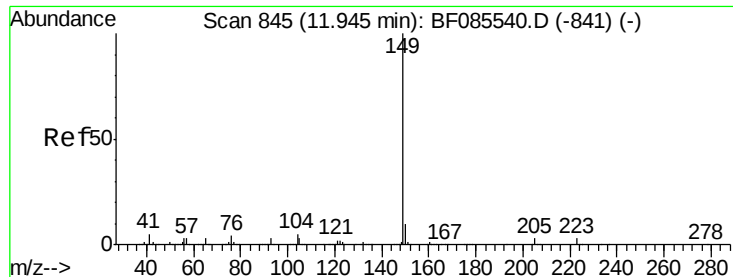
#72
 Carbazole
 Concen: 50.52 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion:167 Resp: 852074
 Ion Ratio Lower Upper
 167 100
 166 22.0 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: 53.04 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

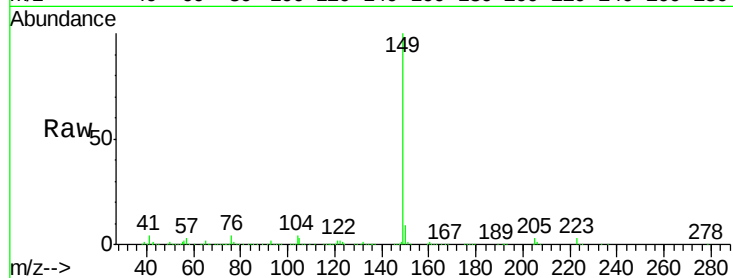
Tgt Ion:149 Resp: 1120145

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

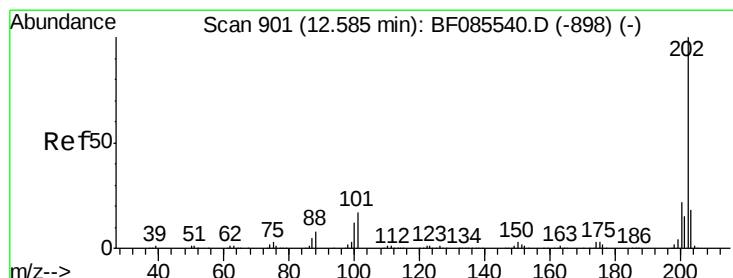
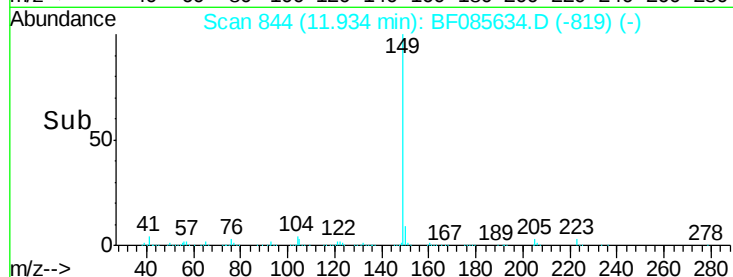
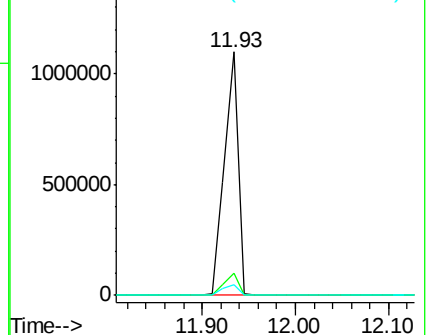
104 4.3 3.8 5.8



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: 39.31 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

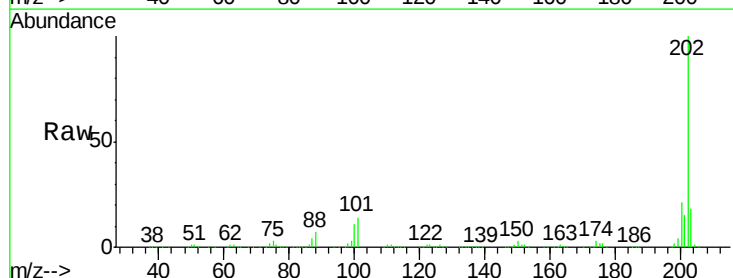
Tgt Ion:202 Resp: 767325

Ion Ratio Lower Upper

202 100

101 14.4 0.0 36.6

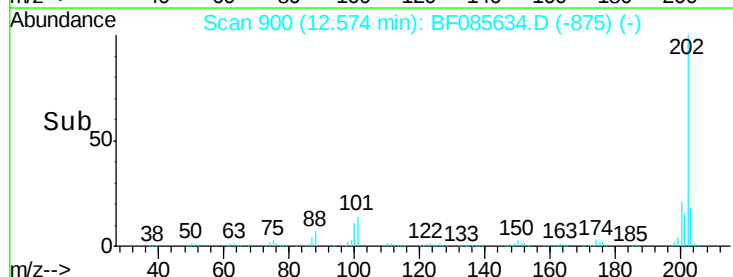
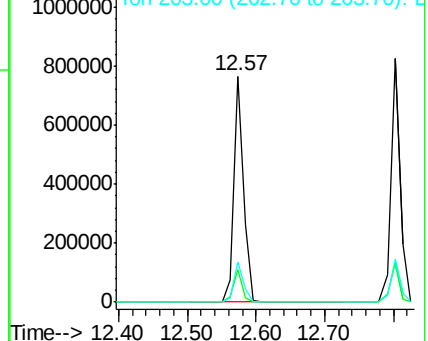
203 18.0 0.0 38.1

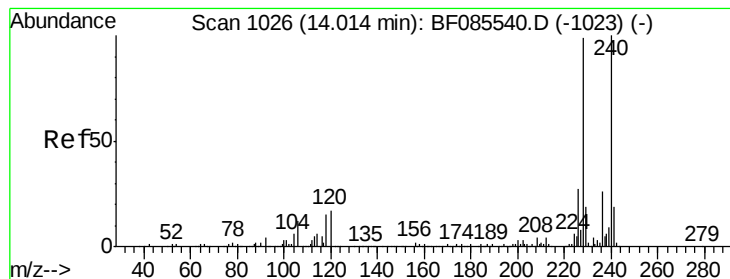


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

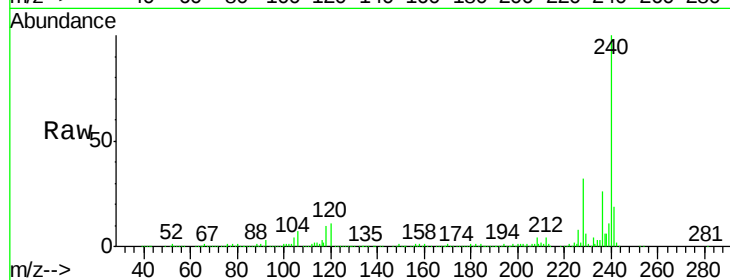
Tgt Ion:240 Resp: 252104

Ion Ratio Lower Upper

240 100

120 11.0 13.8 20.8#

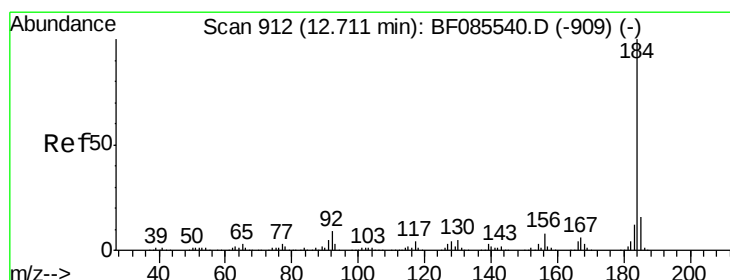
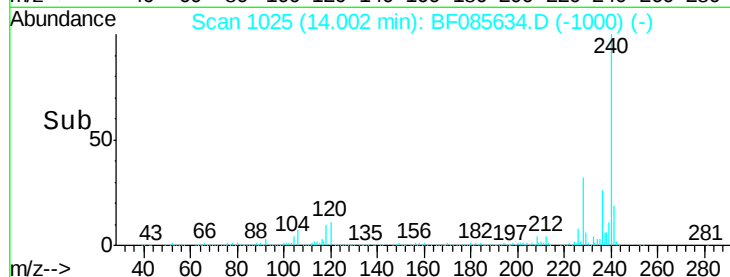
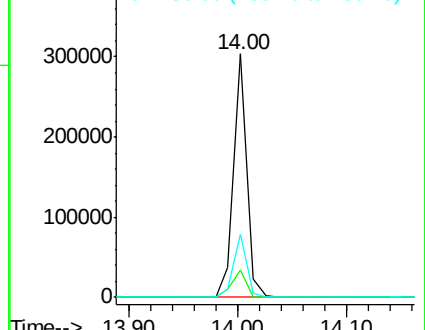
236 26.2 20.6 30.8



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: 43.40 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

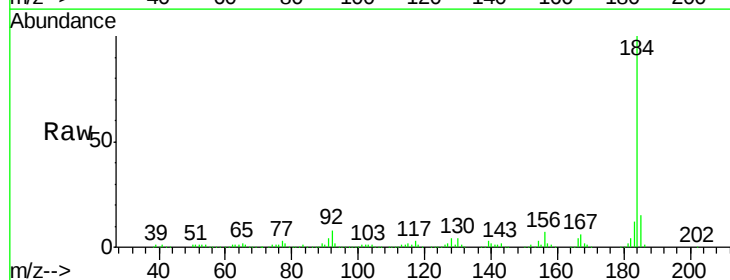
Tgt Ion:184 Resp: 367958

Ion Ratio Lower Upper

184 100

185 14.5 12.4 18.6

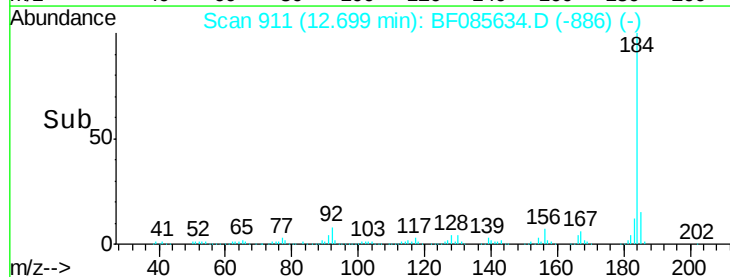
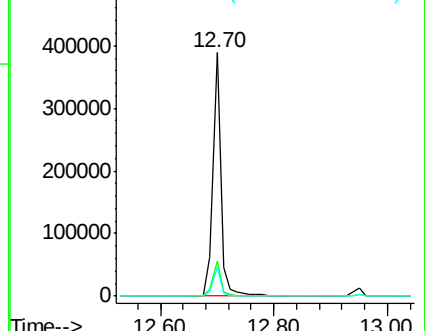
183 11.7 9.4 14.2

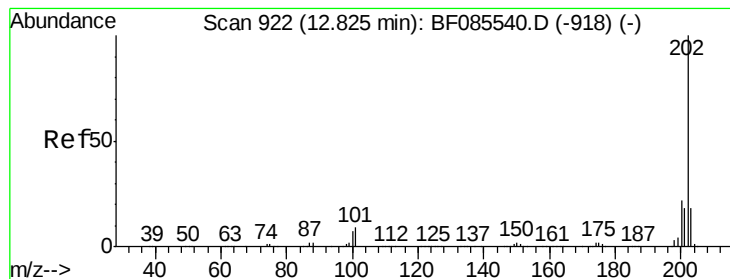


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.54 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

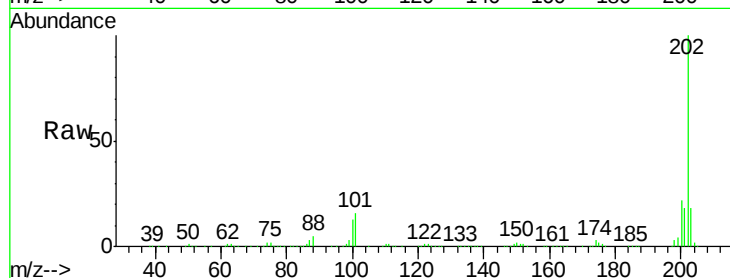
Tgt Ion:202 Resp: 770080

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

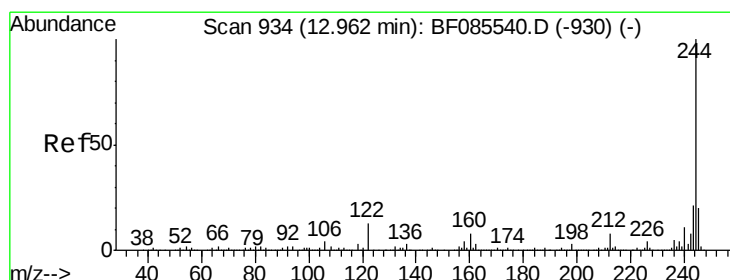
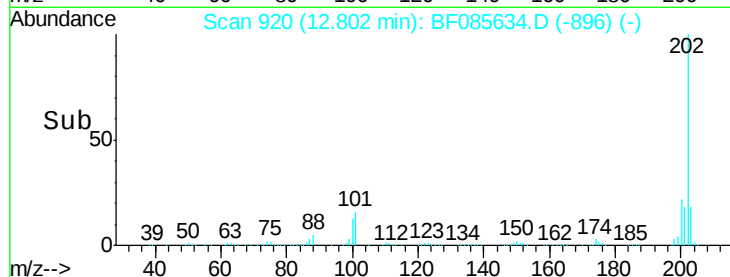
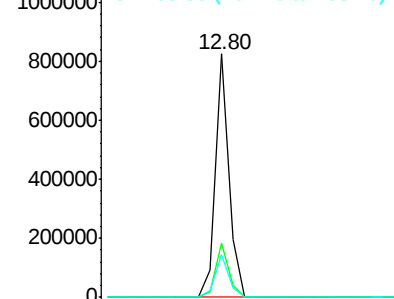
203 17.7 14.0 21.0



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: 86.91 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

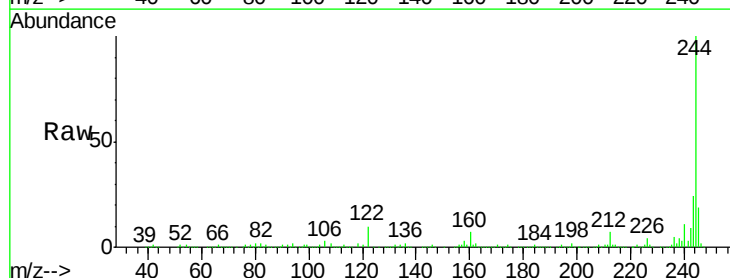
Tgt Ion:244 Resp: 910493

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

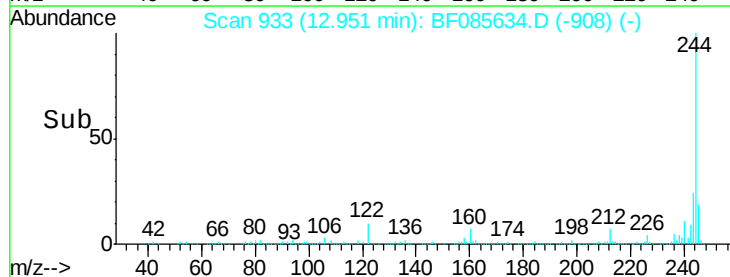
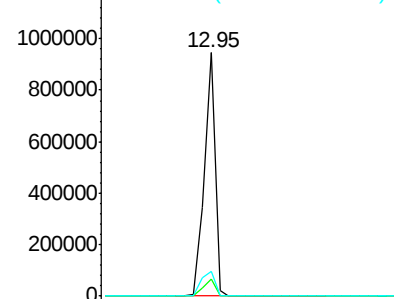
122 10.0 10.2 15.4#

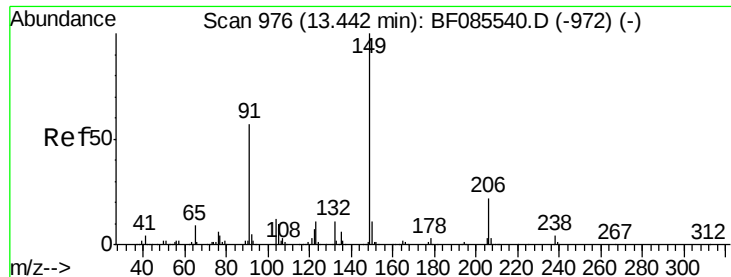


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

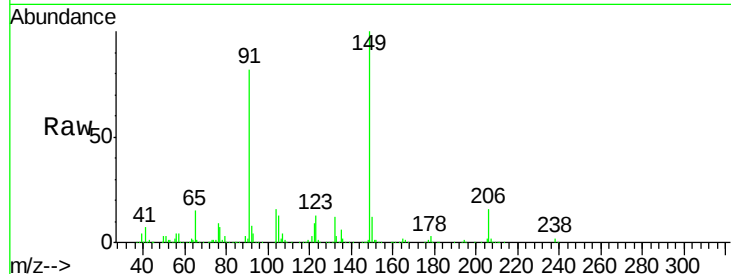




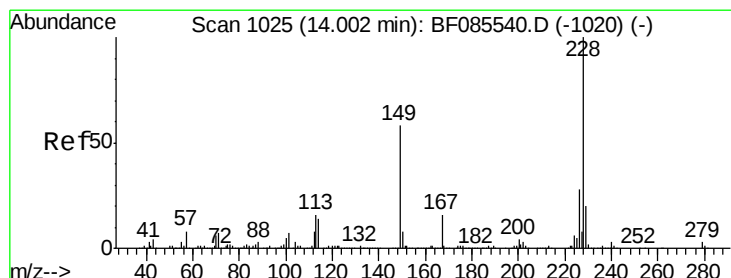
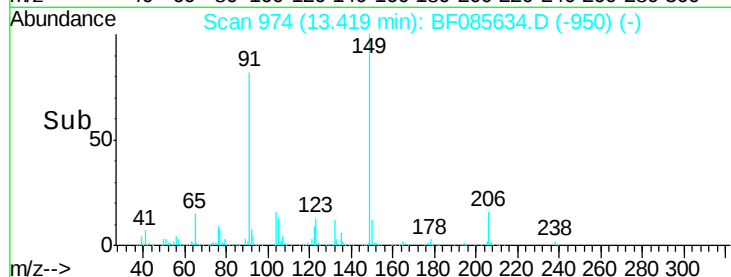
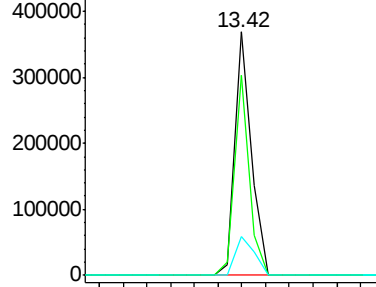
#79
Butylbenzylphthalate
Concen: 41.74 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Instrument :
BNA_F
ClientSampleId :
SOUTH-WALL(3-5)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.0	45.8	68.8#
206	16.1	17.8	26.8#

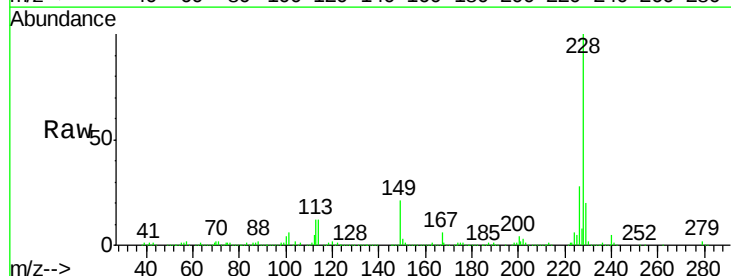


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

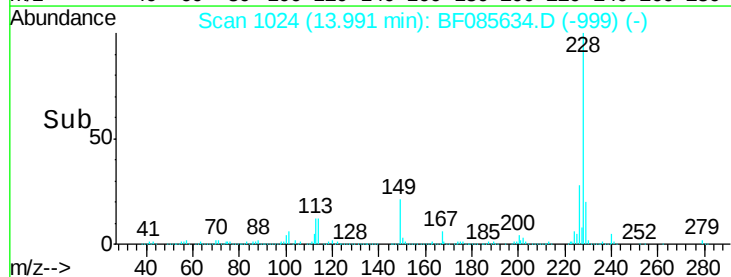
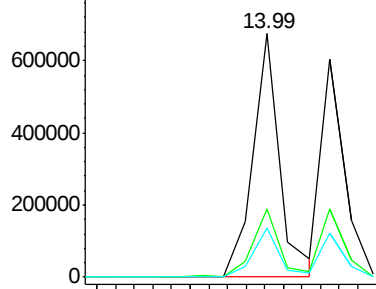


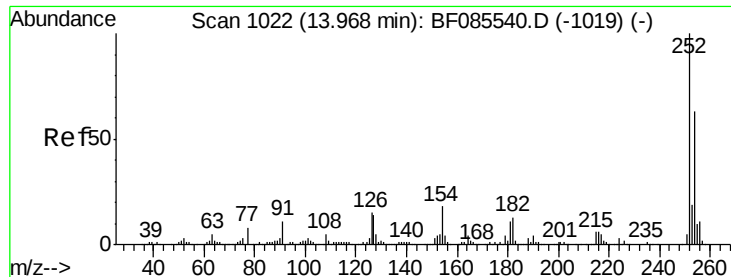
#80
Benzo(a)anthracene
Concen: 46.02 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF085634.D
Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	20.0	16.2	24.4



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

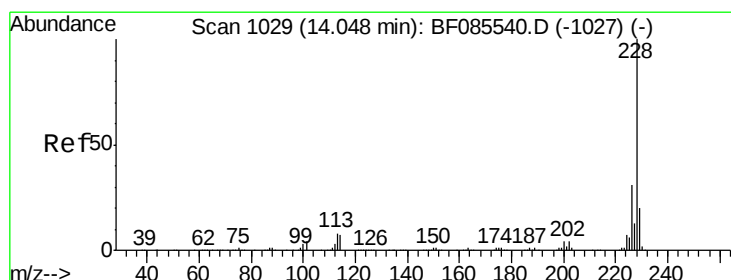
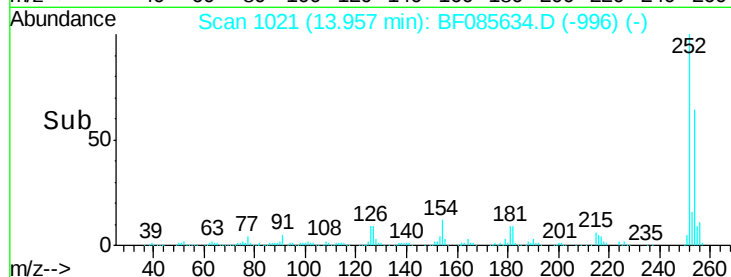
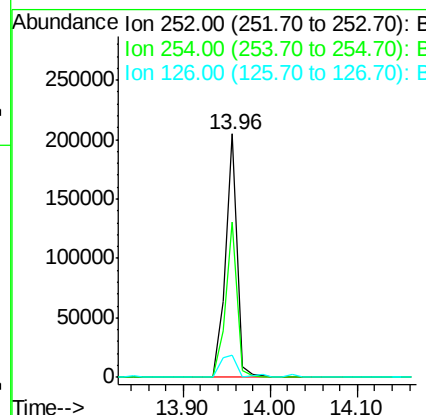
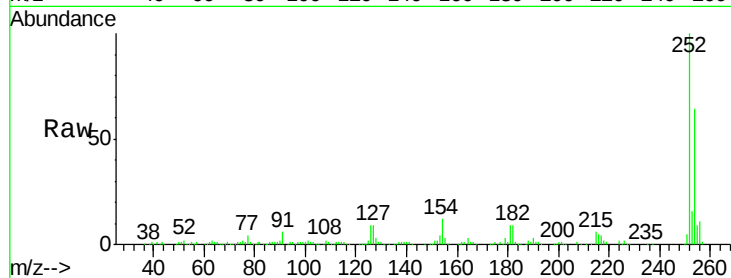




#81
 3,3'-Dichlorobenzidine
 Concen: 36.28 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

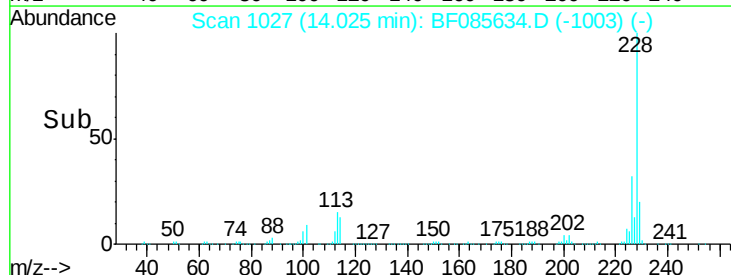
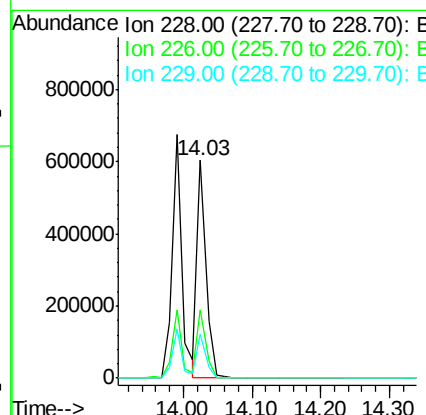
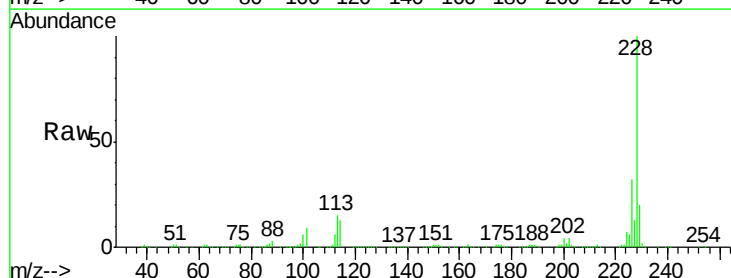
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

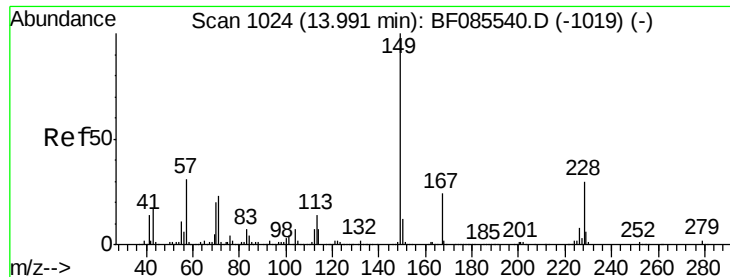
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.7	76.1
126	9.0	11.8	17.6



#82
 Chrysene
 Concen: 38.09 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.4	15.7	23.5

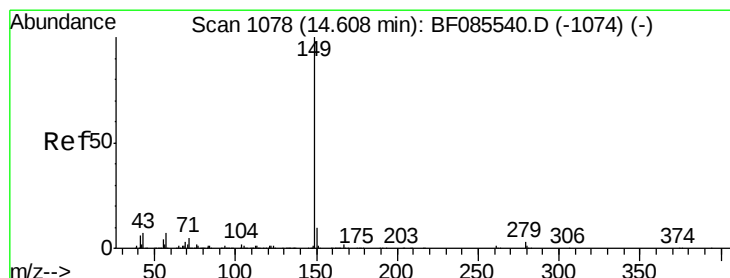
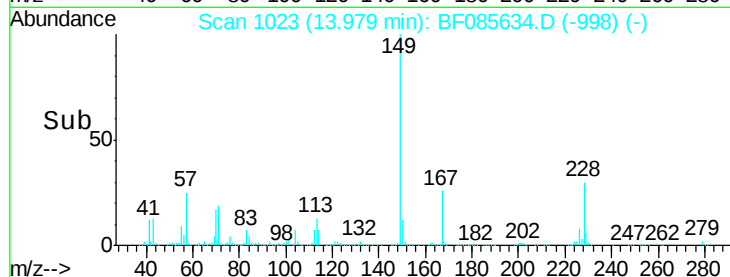
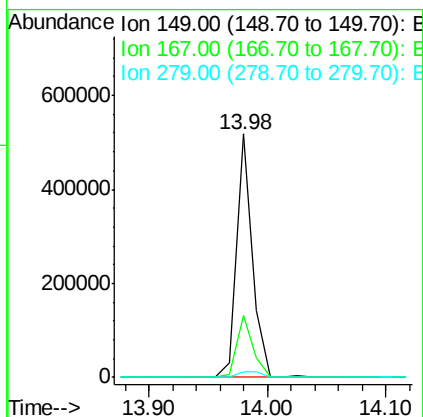
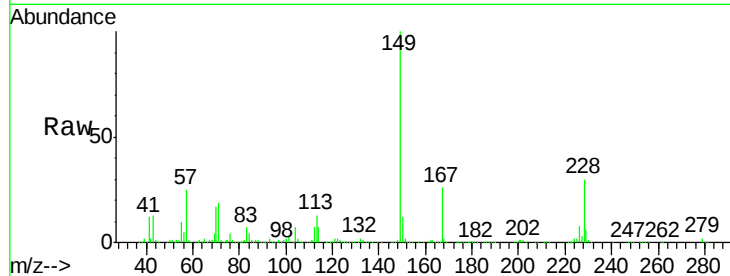




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.80 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

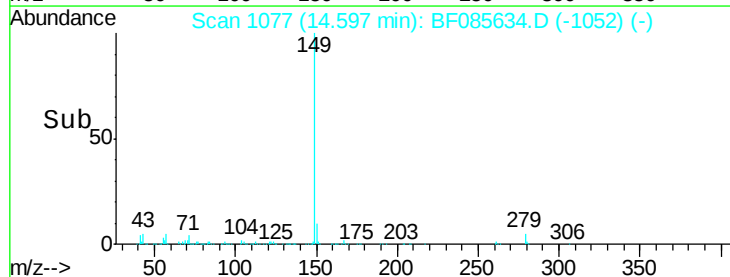
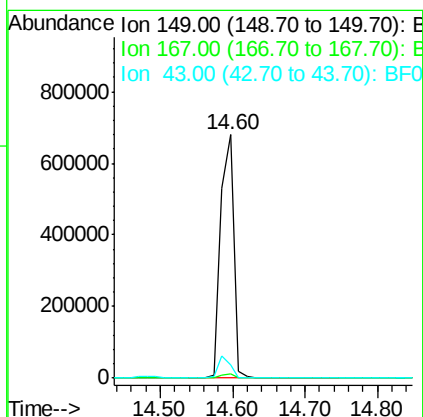
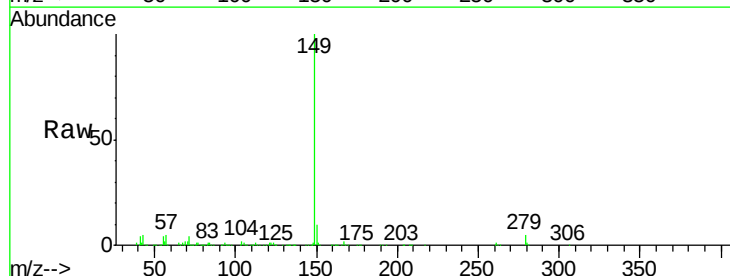
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

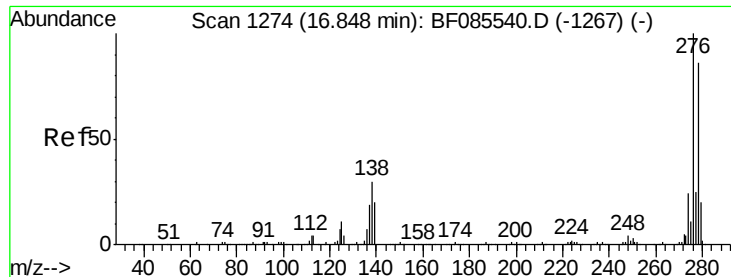
Tgt Ion:149 Resp: 480296
 Ion Ratio Lower Upper
 149 100
 167 25.6 19.4 29.2
 279 2.3 1.5 2.3#



#84
 Di-n-octyl phthalate
 Concen: 48.79 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion:149 Resp: 852253
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.0 7.1 10.7

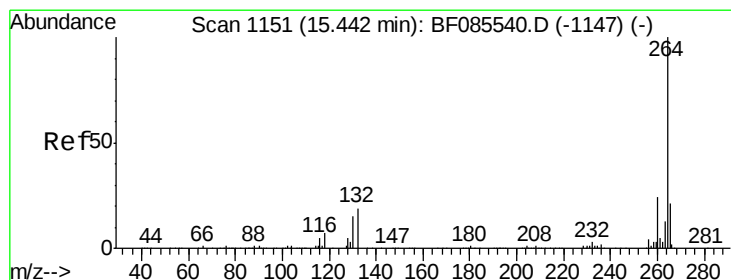
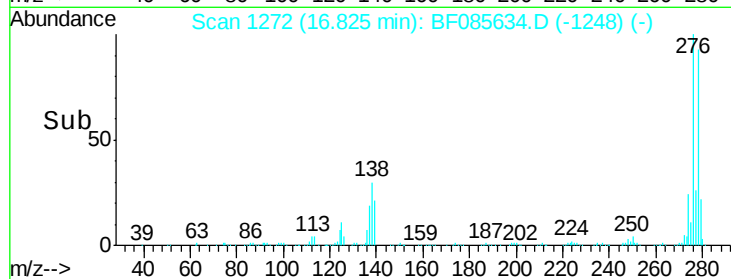
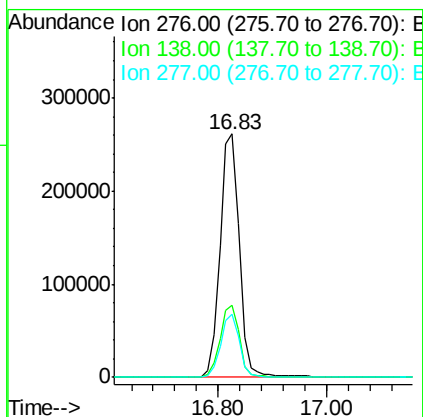
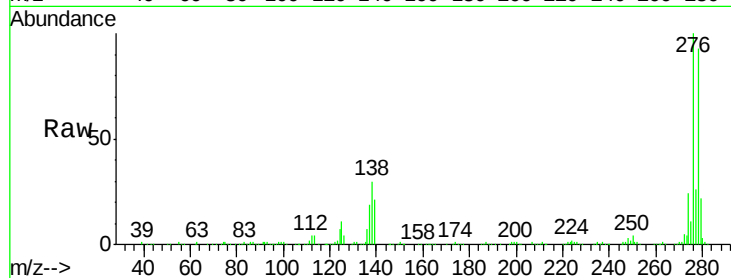




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.61 ng
 RT: 16.83 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

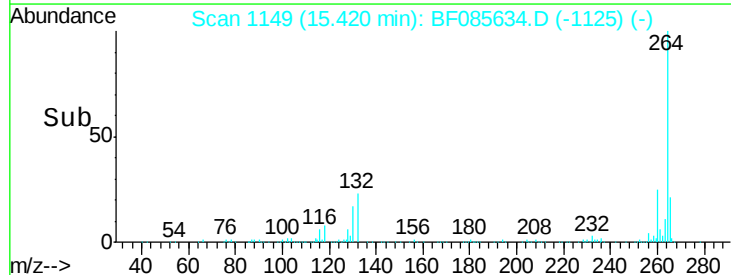
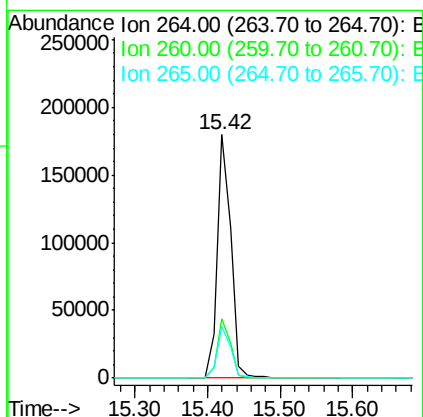
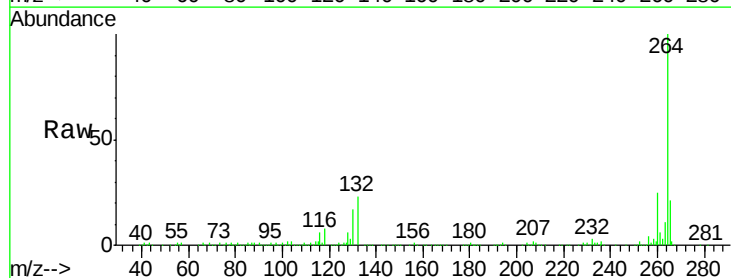
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-WALL(3-5)MSD

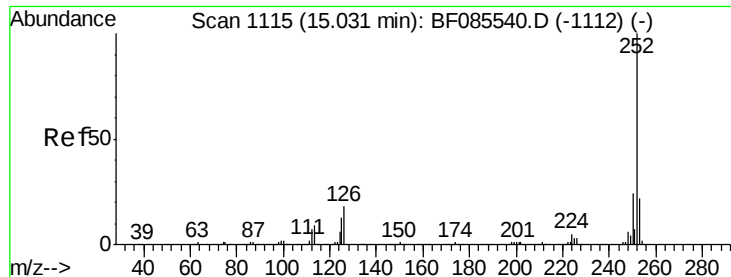
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	24.2	36.4
277	25.4	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085634.D
 Acq: 21 Mar 2016 20:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 82.84 ng

RT: 15.02 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

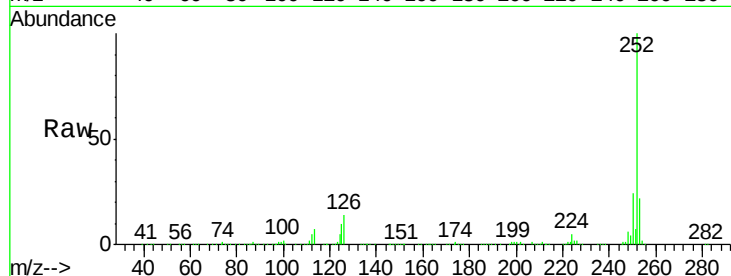
Tgt Ion:252 Resp: 1261346

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

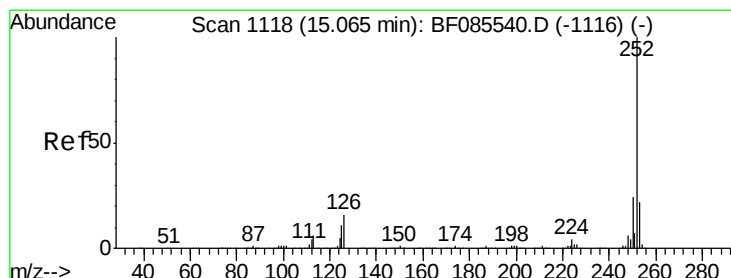
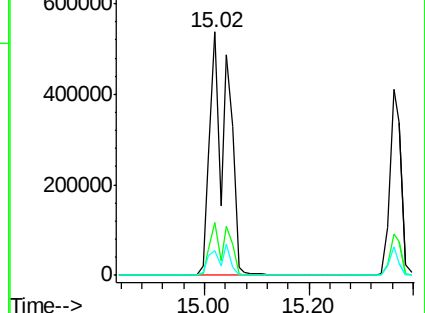
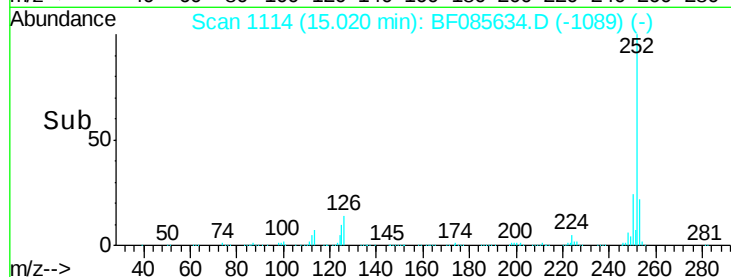
125 10.3 10.3 15.5#



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



#88

Benzo(k)fluoranthene

Concen: 100.58 ng

RT: 15.02 min Scan# 1114

Delta R.T. -0.05 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

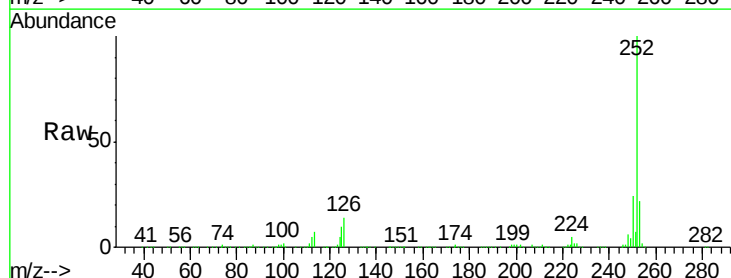
Tgt Ion:252 Resp: 1261654

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

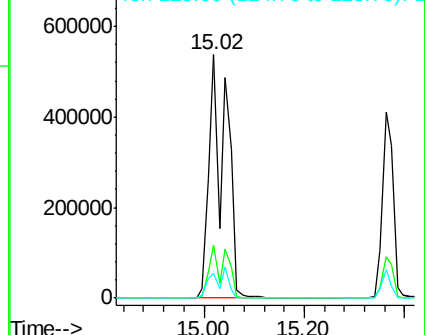
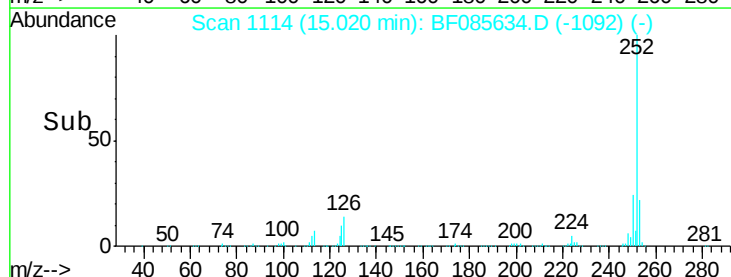
125 10.3 7.7 11.5

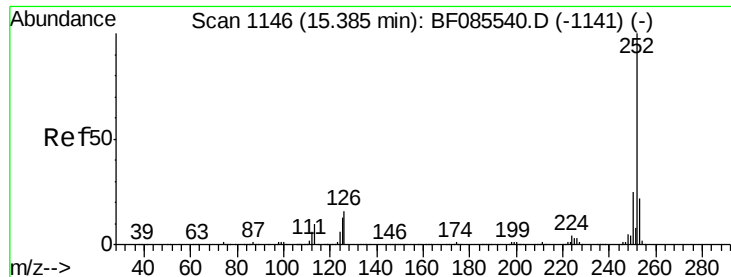


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.98 ng

RT: 15.36 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

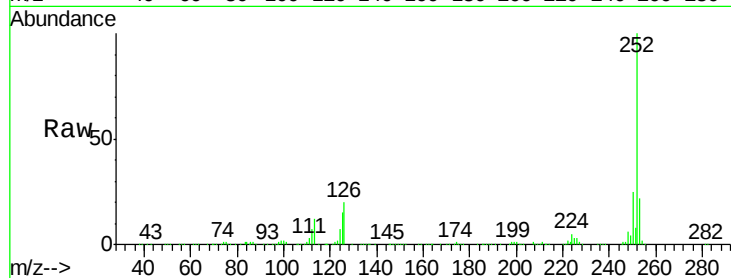
Tgt Ion:252 Resp: 619282

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

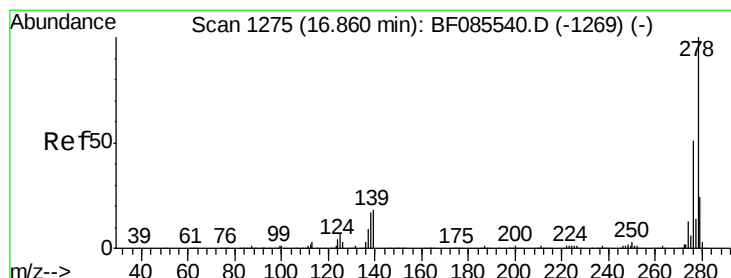
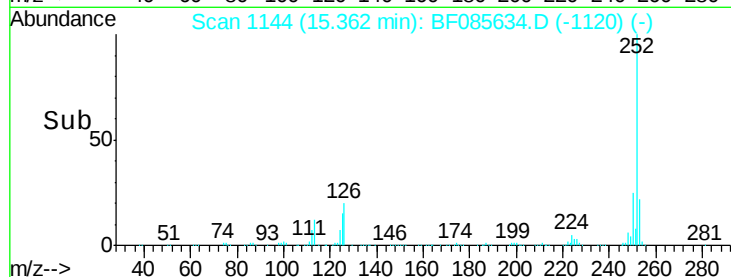
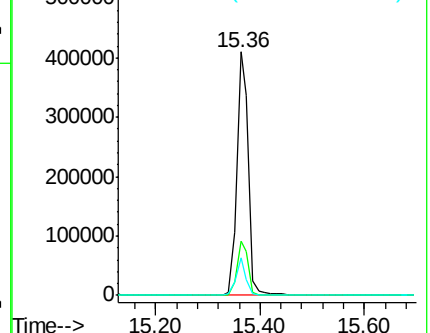
125 15.3 10.3 15.5



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: 51.70 ng

RT: 16.84 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

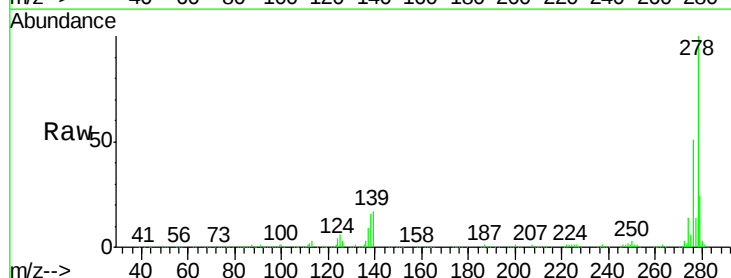
Tgt Ion:278 Resp: 556659

Ion Ratio Lower Upper

278 100

139 16.9 14.4 21.6

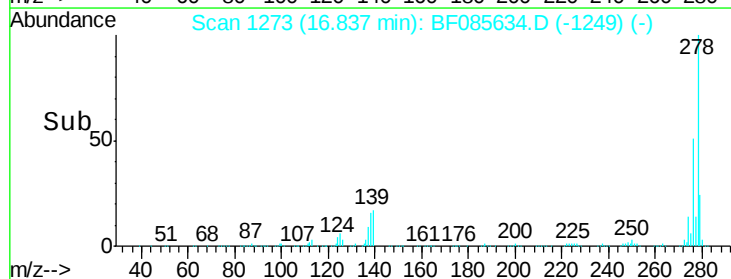
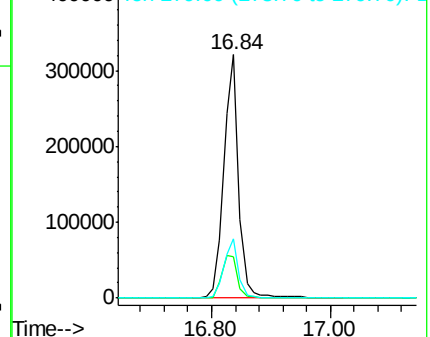
279 24.3 19.1 28.7

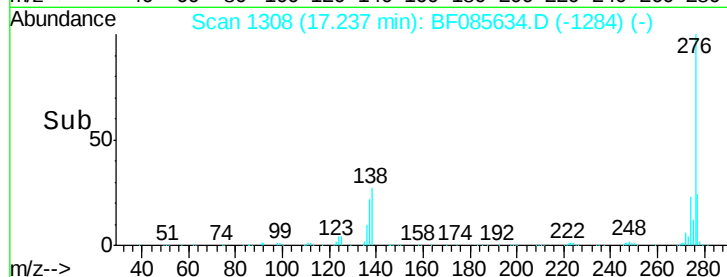
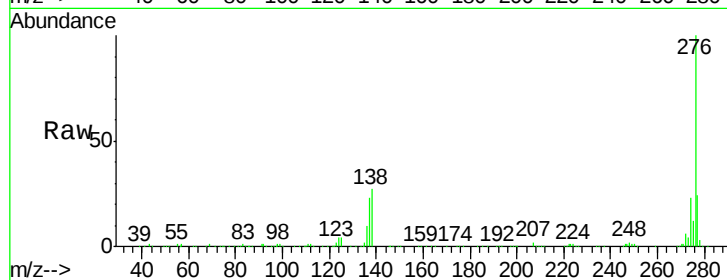
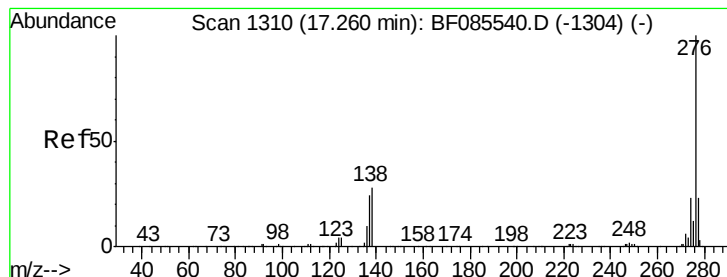


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.83 ng

RT: 17.24 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF085634.D

Acq: 21 Mar 2016 20:55

Instrument :

BNA_F

ClientSampleId :

SOUTH-WALL(3-5)MSD

Tgt Ion: 276 Resp: 519225

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 27.2 22.6 34.0

