

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085554.D
 Acq On : 19 Mar 2016 5:12
 Operator : UM/SJ
 Sample : PB89025BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Quant Time: Mar 19 05:27:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127009	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	515176	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	242112	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	436226	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	385238	20.00	ng	0.00
86) Perylene-d12	15.43	264	282626	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	849895	112.40	ng	0.01
7) Phenol-d6	6.49	99	1129459	116.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	671136	75.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	297061	125.26	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1198435	84.25	ng	-0.01
78) Terphenyl-d14	12.96	244	1208464	75.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	124316	33.82	ng	99
3) Pyridine	3.28	79	301544	33.41	ng	100
4) n-Nitrosodimethylamine	3.22	42	138509	36.76	ng	95
6) Aniline	6.52	93	304217	23.36	ng	98
8) 2-Chlorophenol	6.64	128	362039	41.39	ng	97
9) Benzaldehyde	6.40	77	52519	8.61	ng	86
10) Phenol	6.50	94	510671	46.23	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	359684	43.19	ng	95
12) 1,3-Dichlorobenzene	7.03	146	346200	36.32	ng	100
13) 1,4-Dichlorobenzene	6.87	146	376191	38.69	ng	98
14) 1,2-Dichlorobenzene	7.03	146	346474	40.13	ng	96
15) Benzyl Alcohol	7.00	79	272368	41.00	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	416449	38.03	ng	99
17) 2-Methylphenol	7.11	107	293140	40.43	ng	99
18) Hexachloroethane	7.36	117	136708	38.94	ng	# 81
19) n-Nitroso-di-n-propylamine	7.27	70	212597	36.70	ng	92
20) 3+4-Methylphenols	7.27	107	362884	43.21	ng	89
22) Acetophenone	7.27	105	454263	37.16	ng	# 96
24) Nitrobenzene	7.44	77	404100	41.59	ng	91
25) Isophorone	7.68	82	698394	39.30	ng	96
26) 2-Nitrophenol	7.76	139	193961	40.40	ng	# 86
27) 2,4-Dimethylphenol	7.80	122	342901	40.39	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	415290	41.09	ng	98
29) 2,4-Dichlorophenol	8.00	162	300645	42.88	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	303393	38.63	ng	96
31) Naphthalene	8.16	128	1019045	39.19	ng	100
32) Benzoic acid	7.92	122	229094	32.27	ng	99
33) 4-Chloroaniline	8.21	127	117227	11.00	ng	# 93
34) Hexachlorobutadiene	8.28	225	157346	37.59	ng	99
35) Caprolactam	8.63	113	35896	14.88	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	332781	40.64	ng	98
37) 2-Methylnaphthalene	8.86	142	693252	43.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	265290	36.12	ng	98
40) Hexachlorocyclopentadiene	9.01	237	297996	90.03	ng	100

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 Misc :
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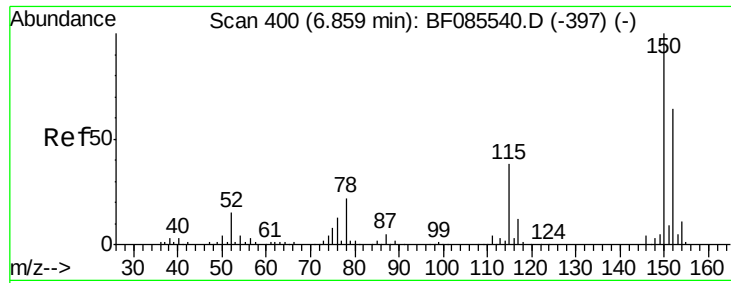
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.13	196	210879	41.95	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	218984	42.80	ng	# 94
45) 1,1'-Biphenyl	9.32	154	734975	35.19	ng	98
46) 2-Chloronaphthalene	9.34	162	566554	37.14	ng	# 92
47) 2-Nitroaniline	9.44	65	203610	44.12	ng	# 84
48) Acenaphthylene	9.76	152	1019964	41.31	ng	99
49) Dimethylphthalate	9.62	163	770040	42.15	ng	99
50) 2,6-Dinitrotoluene	9.68	165	163448	42.38	ng	88
51) Acenaphthene	9.93	154	706369	45.59	ng	99
52) 3-Nitroaniline	9.85	138	90844	18.81	ng	# 76
53) 2,4-Dinitrophenol	9.96	184	178899	75.71	ng	95
54) Dibenzofuran	10.10	168	898077	47.60	ng	98
55) 4-Nitrophenol	10.01	139	267626	71.68	ng	93
56) 2,4-Dinitrotoluene	10.08	165	208815	41.35	ng	# 49
57) Fluorene	10.45	166	671059	42.68	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	169646	46.05	ng	98
59) Diethylphthalate	10.32	149	735467	40.49	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	317451	41.34	ng	92
61) 4-Nitroaniline	10.47	138	200376	42.08	ng	94
62) Azobenzene	10.60	77	794589	45.59	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	117150	41.97	ng	86
65) n-Nitrosodiphenylamine	10.55	169	583464	42.94	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	195106	44.77	ng	# 91
67) Hexachlorobenzene	11.00	284	202822	43.81	ng	# 88
68) Atrazine	11.09	200	197912	47.84	ng	96
69) Pentachlorophenol	11.19	266	243779	86.73	ng	99
70) Phenanthrene	11.41	178	1054616	45.85	ng	99
71) Anthracene	11.45	178	952837	39.51	ng	100
72) Carbazole	11.61	167	944821	45.41	ng	98
73) Di-n-butylphthalate	11.94	149	1165782	44.74	ng	99
74) Fluoranthene	12.58	202	955609	39.68	ng	97
76) Benzidine	12.71	184	420235	32.44	ng	98
77) Pyrene	12.81	202	963353	34.83	ng	99
79) Butylbenzylphthalate	13.43	149	467457	35.45	ng	# 75
80) Benzo(a)anthracene	14.00	228	878103	39.26	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	130329	15.90	ng	# 95
82) Chrysene	14.04	228	685746	31.87	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	582533	35.56	ng	# 98
84) Di-n-octyl phthalate	14.61	149	1039606	38.95	ng	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	608012	33.82	ng	99
87) Benzo(b)fluoranthene	15.03	252	777993	42.19	ng	# 97
88) Benzo(k)fluoranthene	15.03	252	777993	51.21	ng	99
89) Benzo(a)pyrene	15.37	252	670540	42.89	ng	97
90) Dibenzo(a,h)anthracene	16.85	278	513779	39.40	ng	98
91) Benzo(g,h,i)perylene	17.26	276	494148	39.15	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

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PB89025BS

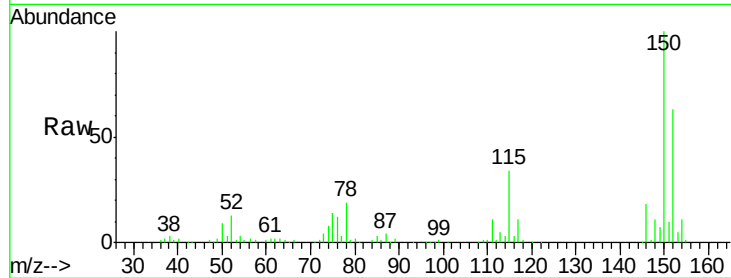
Tgt Ion:152 Resp: 127009

Ion Ratio Lower Upper

152 100

150 159.0 124.2 186.2

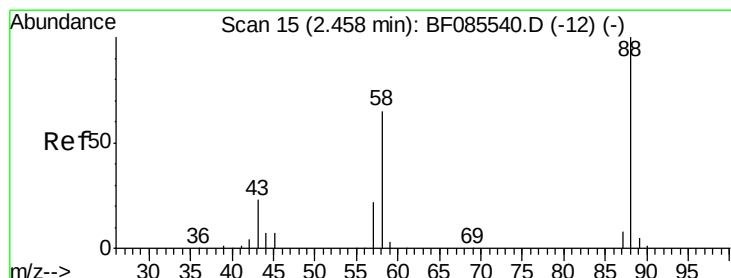
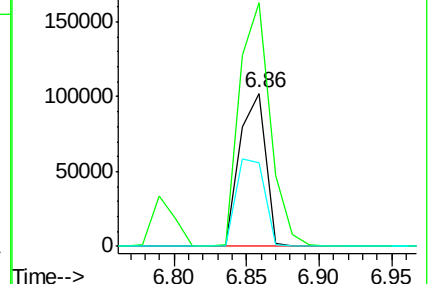
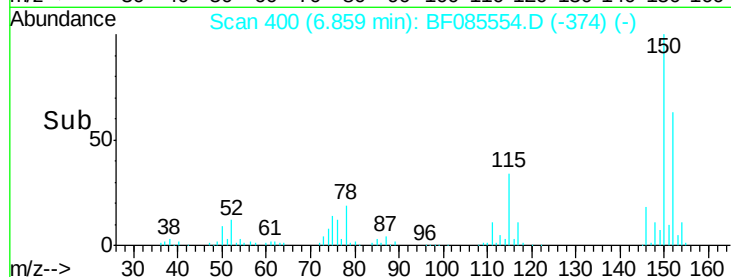
115 54.3 47.0 70.6



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: 33.82 ng

RT: 2.55 min Scan# 23

Delta R.T. 0.09 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

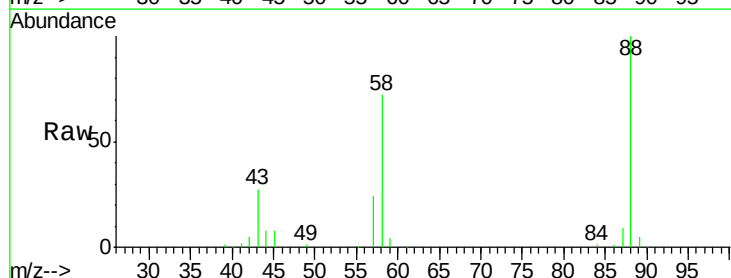
Tgt Ion: 88 Resp: 124316

Ion Ratio Lower Upper

88 100

58 68.4 54.2 81.2

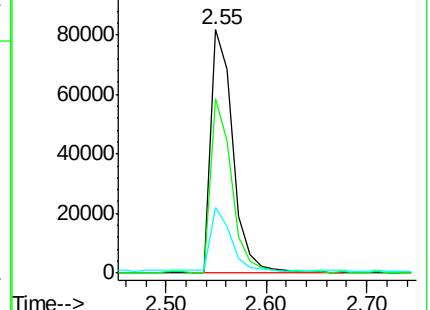
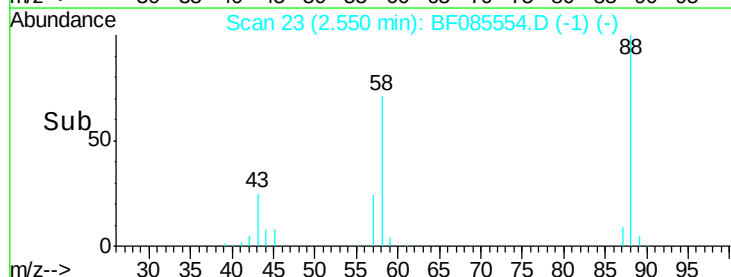
43 24.4 19.3 28.9

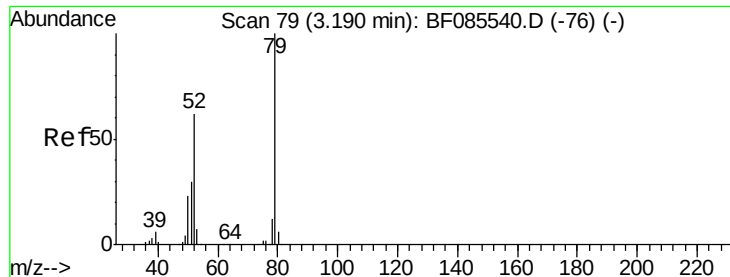


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.41 ng

RT: 3.28 min Scan# 87

Delta R.T. 0.09 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

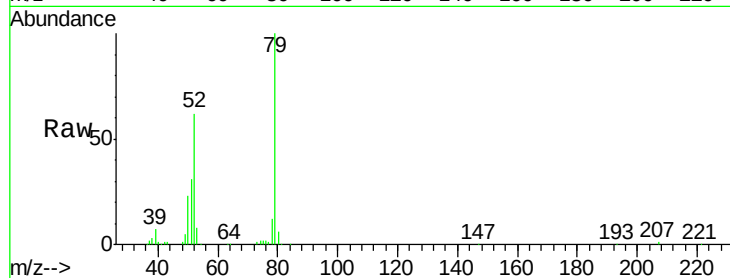
Tgt Ion: 79 Resp: 301544

Ion Ratio Lower Upper

79 100

52 62.4 49.8 74.6

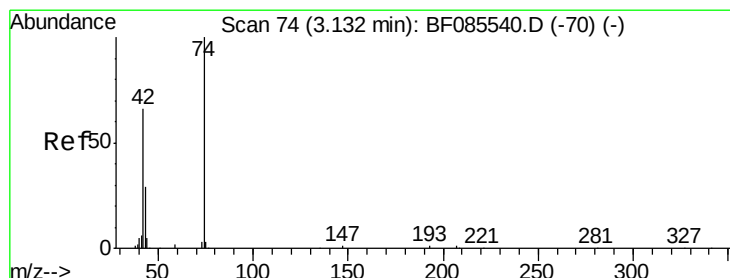
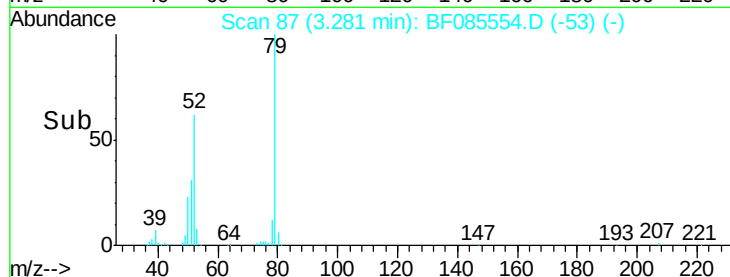
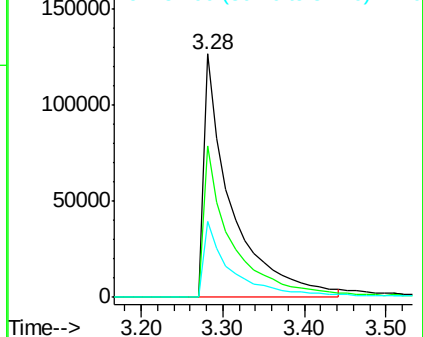
51 31.3 24.7 37.1



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: 36.76 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

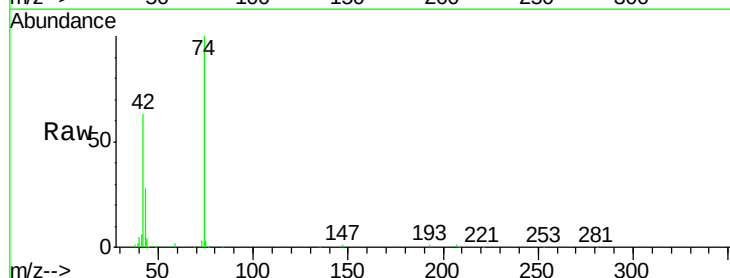
Tgt Ion: 42 Resp: 138509

Ion Ratio Lower Upper

42 100

74 158.4 121.4 182.2

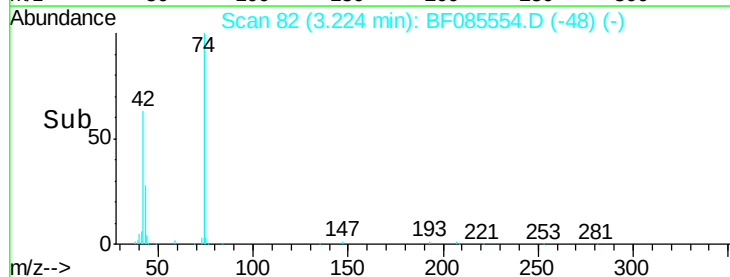
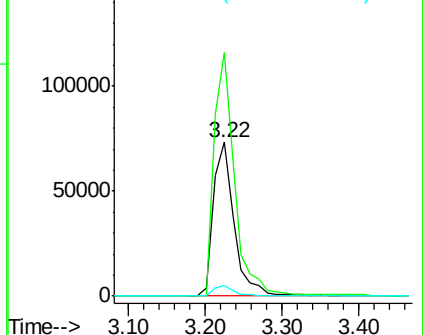
44 6.8 5.6 8.4

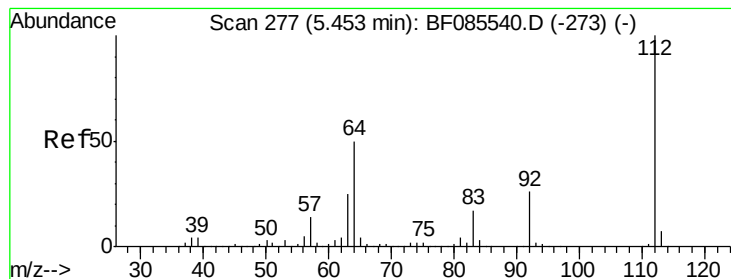


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 112.40 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampled :

PB89025BS

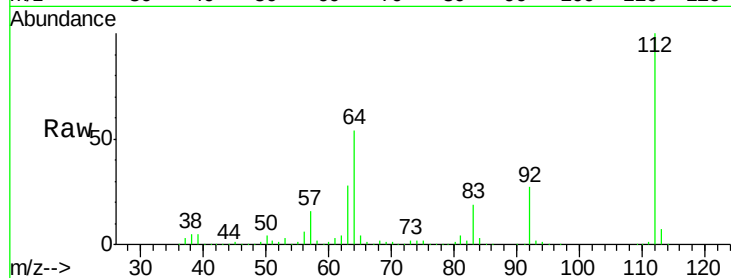
Tgt Ion: 112 Resp: 849895

Ion Ratio Lower Upper

112 100

64 54.3 39.9 59.9

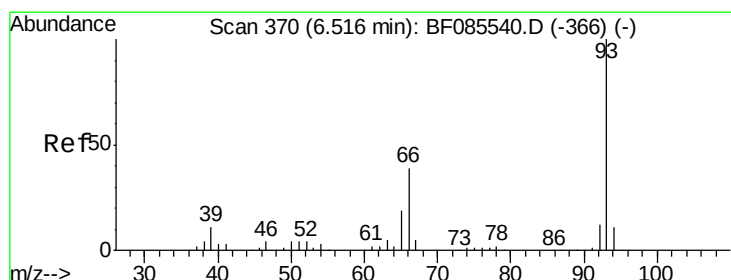
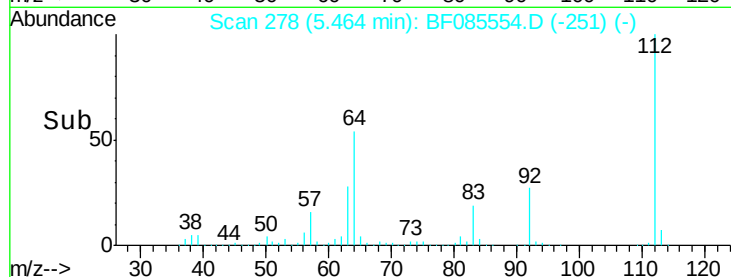
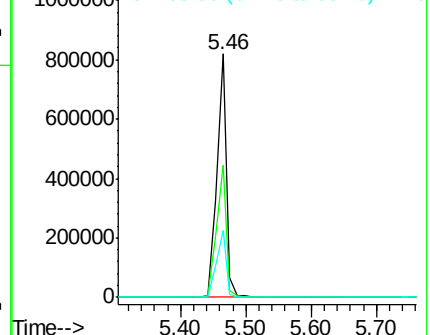
63 27.7 20.2 30.2



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: 23.36 ng

RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

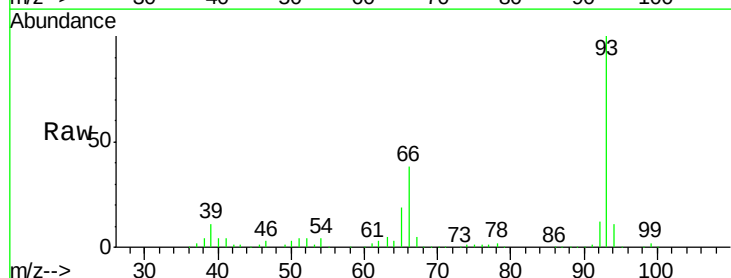
Tgt Ion: 93 Resp: 304217

Ion Ratio Lower Upper

93 100

66 37.6 31.4 47.2

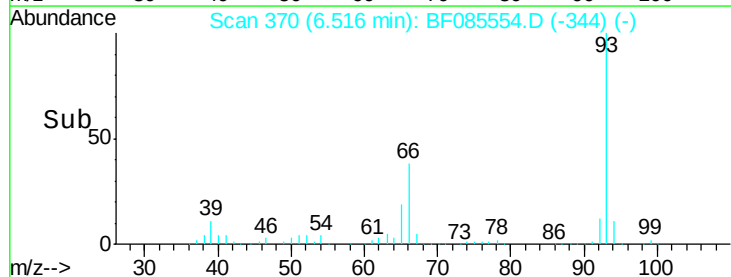
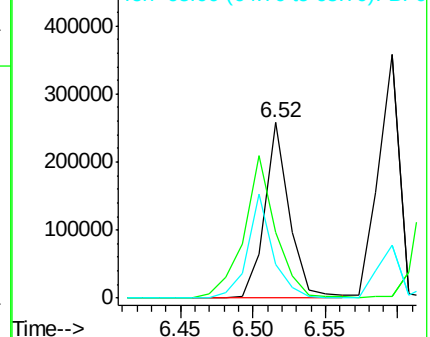
65 19.3 15.7 23.5

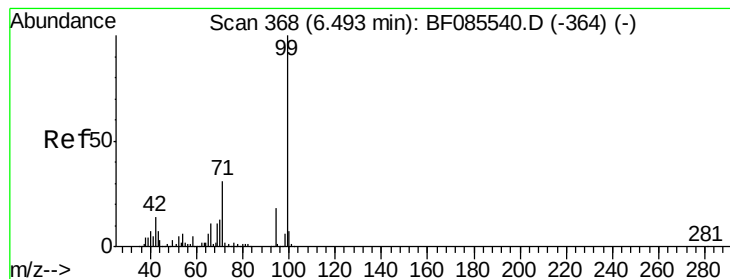


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.46 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampled :

PB89025BS

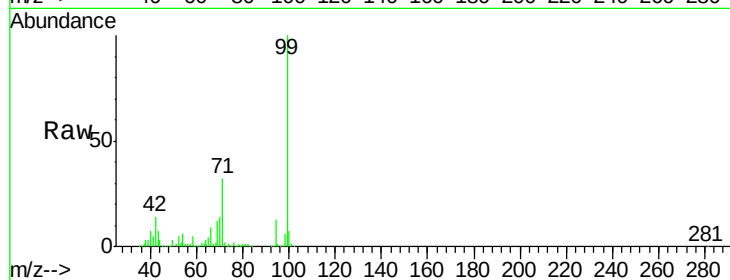
Tgt Ion: 99 Resp: 1129459

Ion Ratio Lower Upper

99 100

42 14.2 11.1 16.7

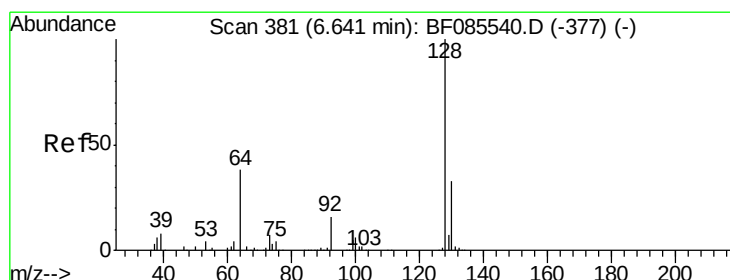
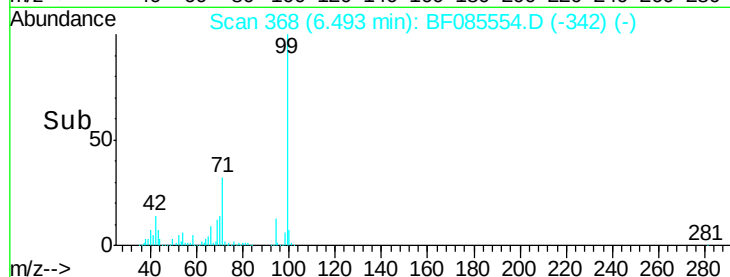
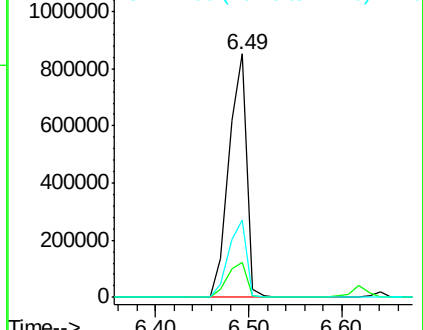
71 31.9 24.9 37.3



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: 41.39 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

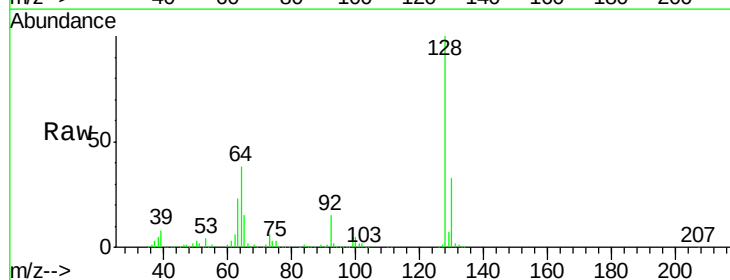
Tgt Ion: 128 Resp: 362039

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

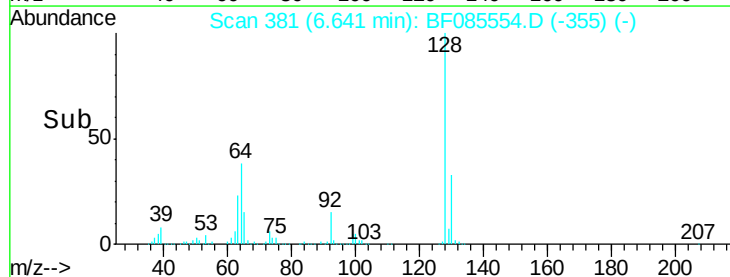
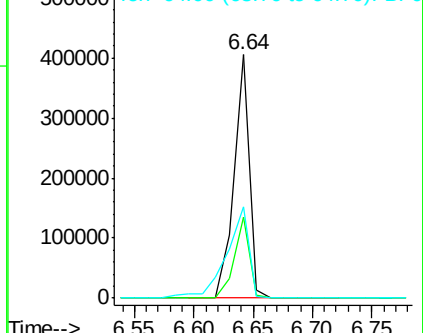
64 37.6 20.2 60.2

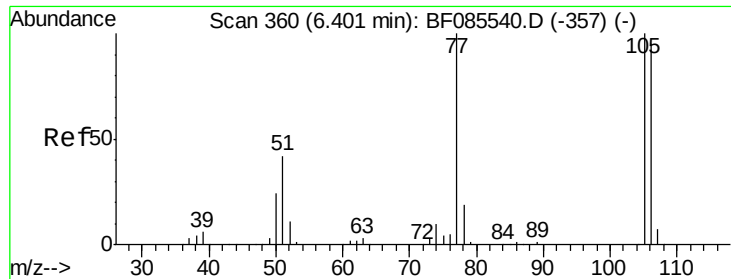


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.61 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

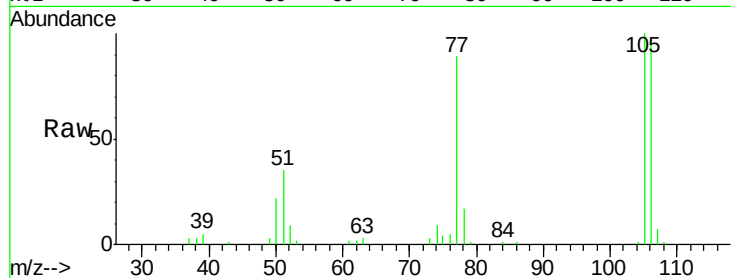
Tgt Ion: 77 Resp: 52519

Ion Ratio Lower Upper

77 100

105 112.3 80.1 120.1

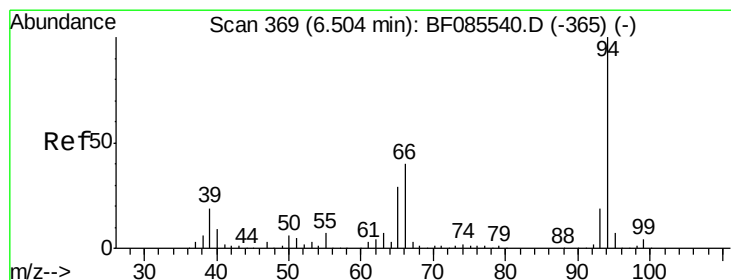
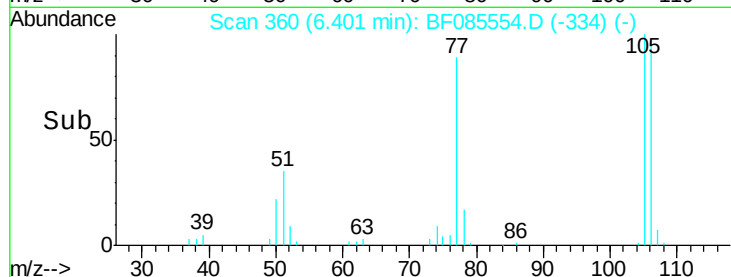
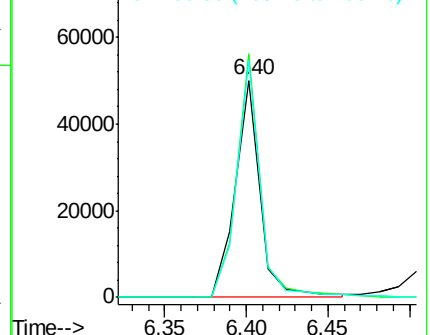
106 109.5 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.23 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

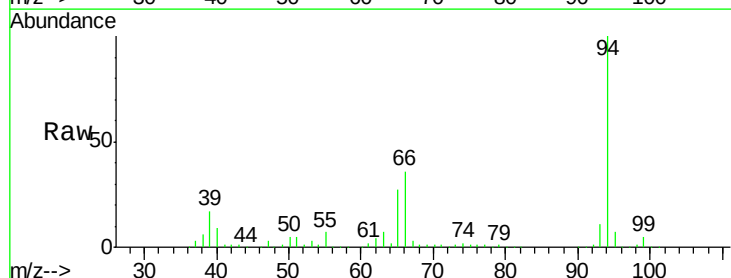
Tgt Ion: 94 Resp: 510671

Ion Ratio Lower Upper

94 100

65 26.6 8.6 48.6

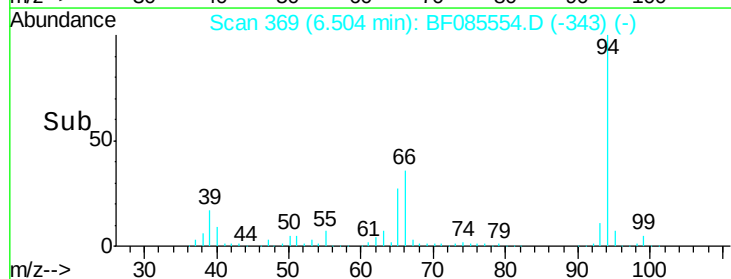
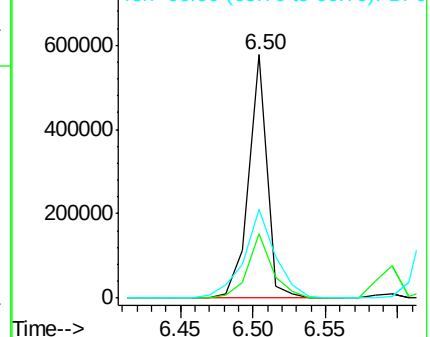
66 36.3 20.0 60.0

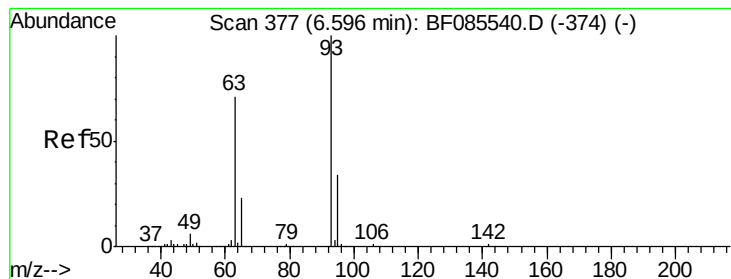


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

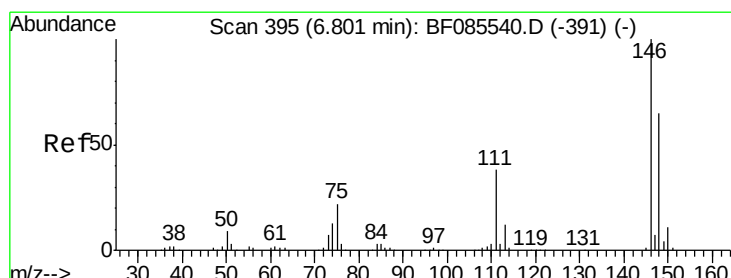
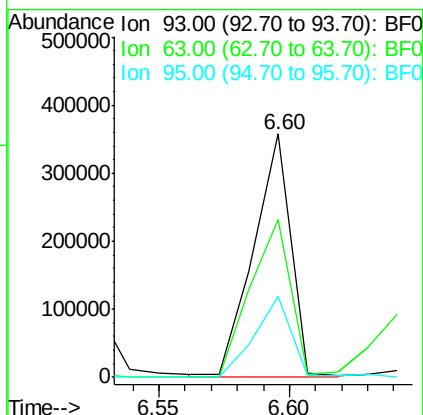
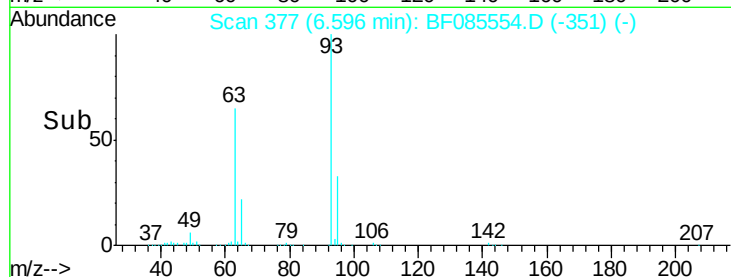
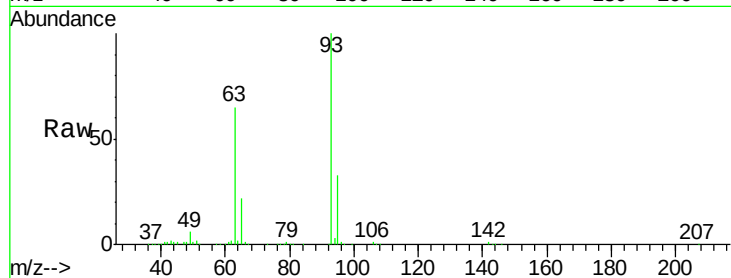




#11
bis(2-Chloroethyl)ether
Concen: 43.19 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

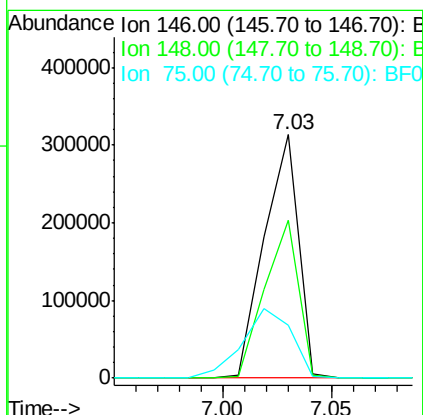
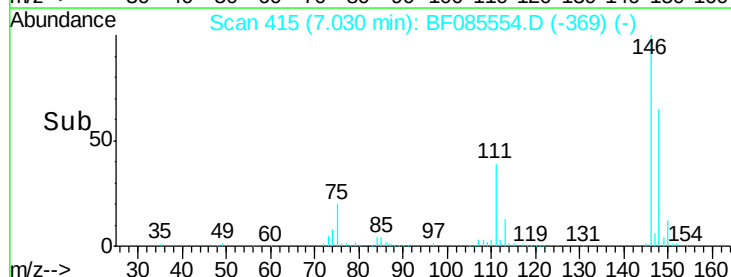
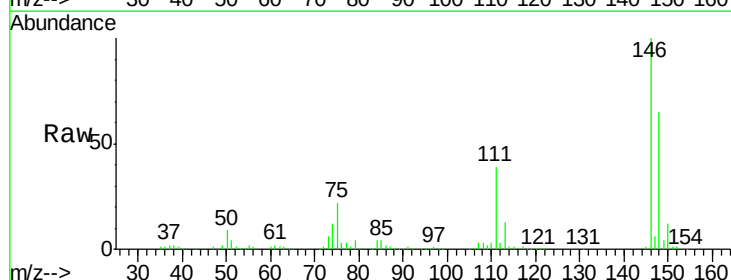
Instrument :
BNA_F
ClientSampleId :
PB89025BS

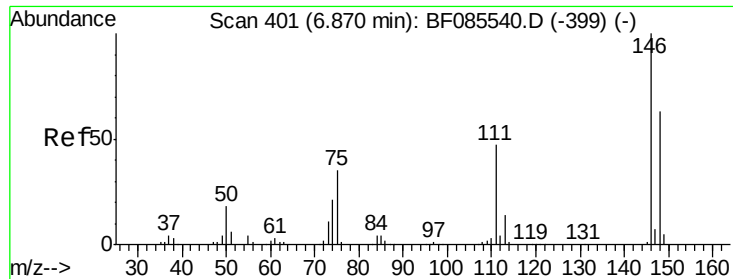
Tgt Ion: 93 Resp: 359684
Ion Ratio Lower Upper
93 100
63 65.1 50.9 90.9
95 33.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 36.32 ng
RT: 7.03 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion: 146 Resp: 346200
Ion Ratio Lower Upper
146 100
148 65.1 52.3 78.5
75 21.9 17.4 26.2

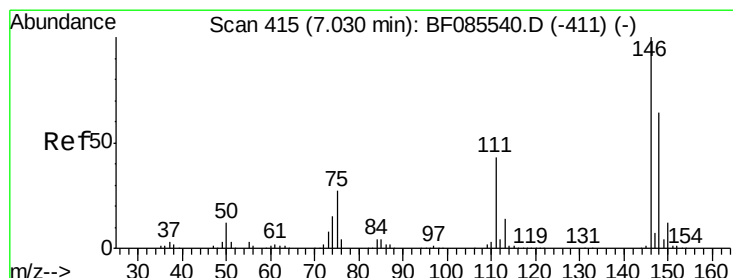
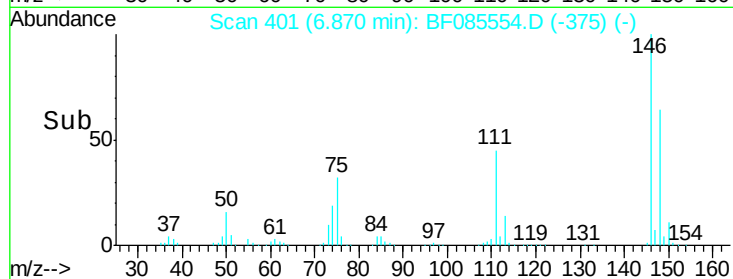
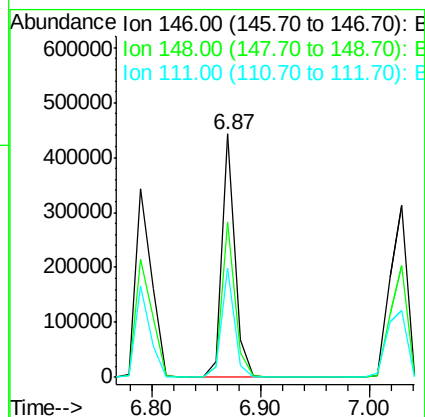
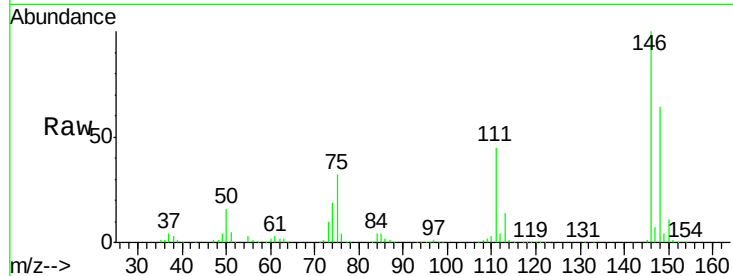




#13
 1,4-Dichlorobenzene
 Concen: 38.69 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

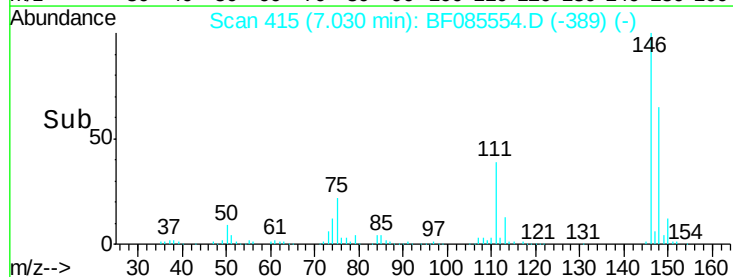
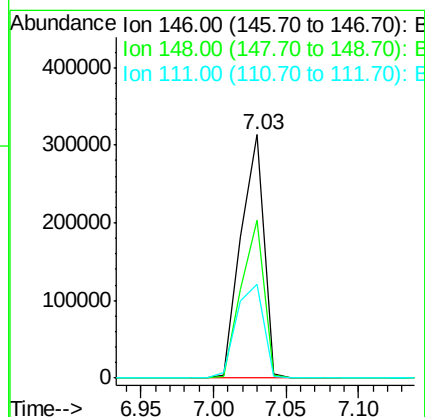
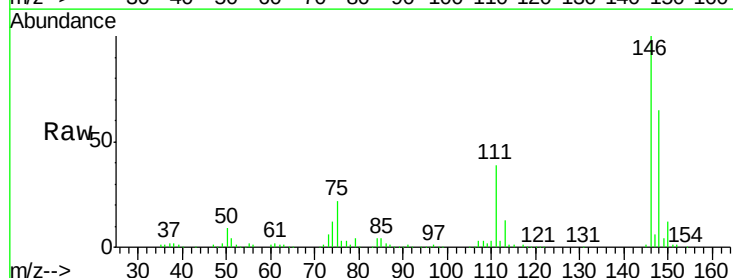
Instrument :
 BNA_F
 ClientSampled :
 PB89025BS

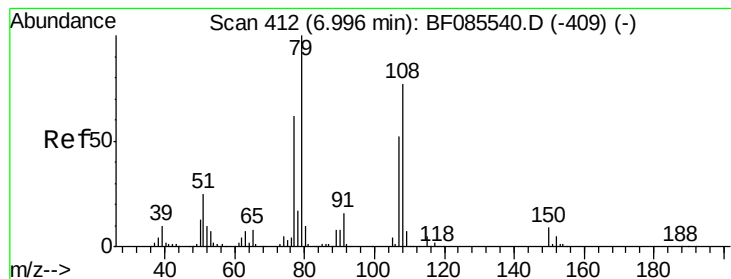
Tgt Ion:146 Resp: 376191
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 76.0
 111 44.7 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 40.13 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion:146 Resp: 346474
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.4 77.2
 111 38.5 34.6 52.0





#15

Benzyl Alcohol

Concen: 41.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

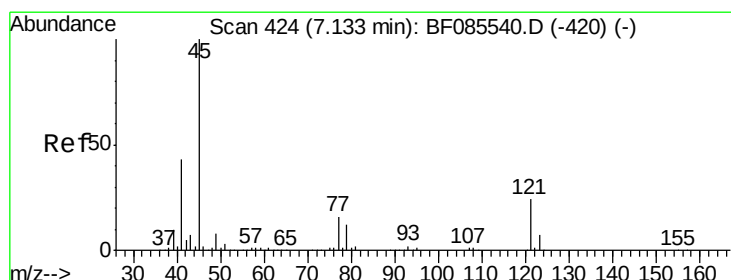
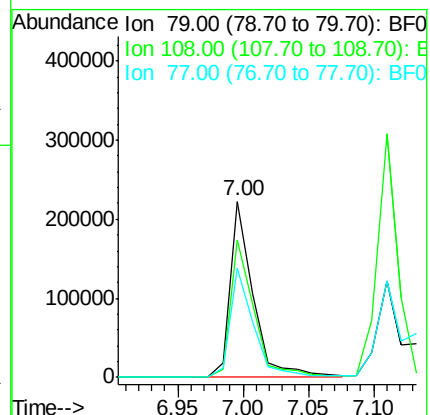
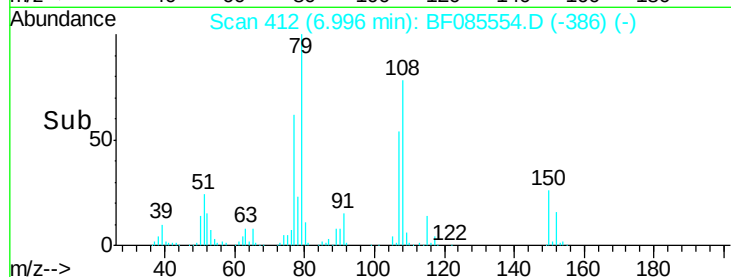
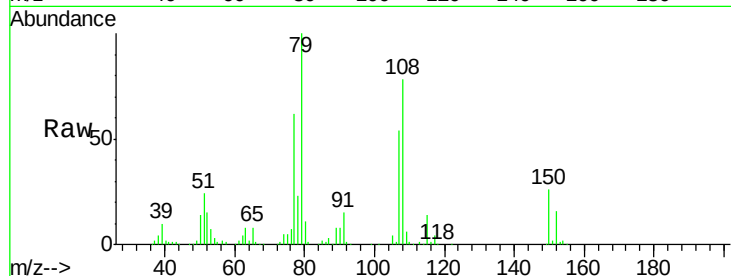
Tgt Ion: 79 Resp: 272368

Ion Ratio Lower Upper

79 100

108 77.8 61.8 92.6

77 62.3 49.6 74.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.03 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

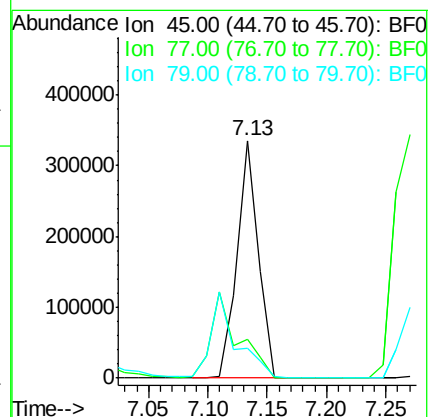
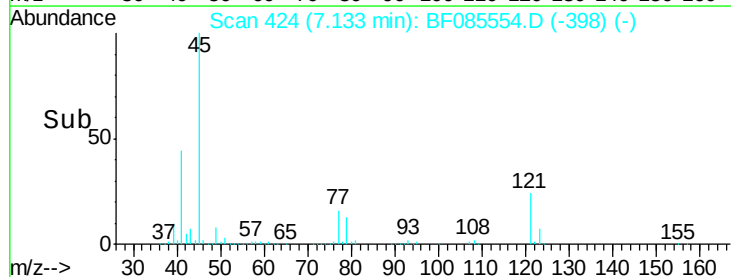
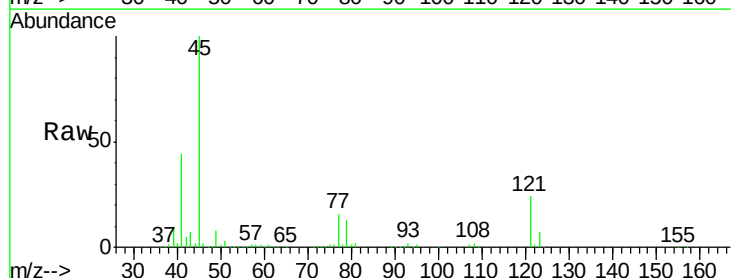
Tgt Ion: 45 Resp: 416449

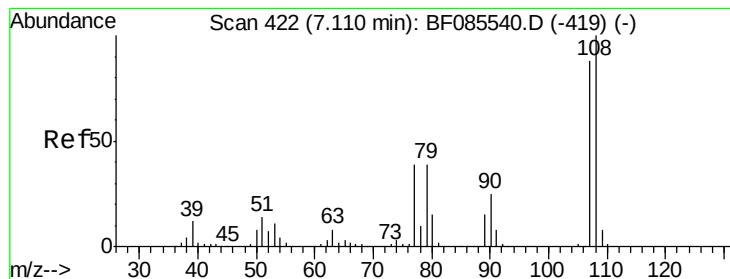
Ion Ratio Lower Upper

45 100

77 16.4 0.0 35.7

79 12.6 0.0 32.2





#17

2-Methylphenol

Concen: 40.43 ng

RT: 7.11 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

Tgt Ion:107 Resp: 293140

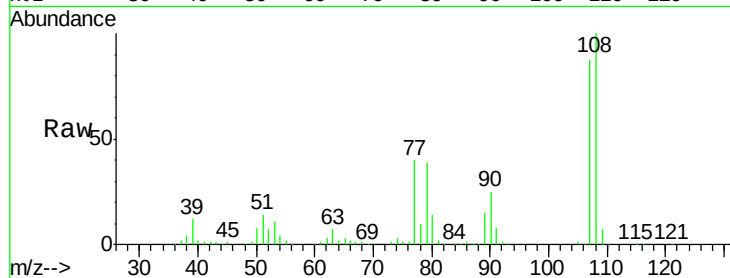
Ion Ratio Lower Upper

107 100

108 115.4 91.4 137.0

77 45.7 36.2 54.2

79 45.4 35.8 53.8

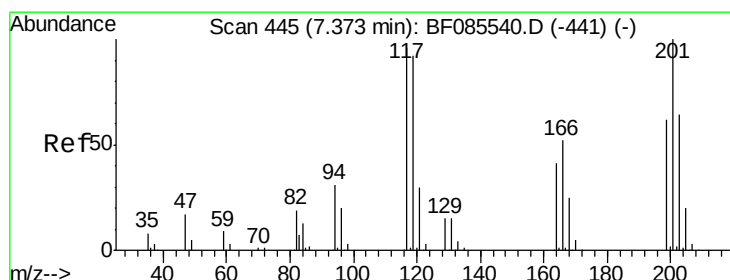
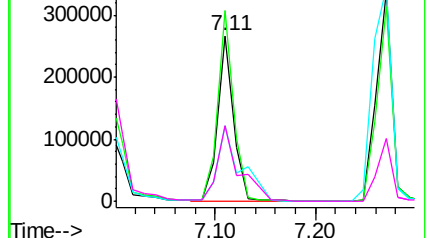
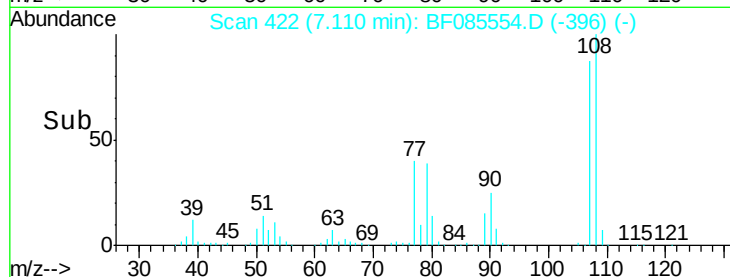


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.94 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

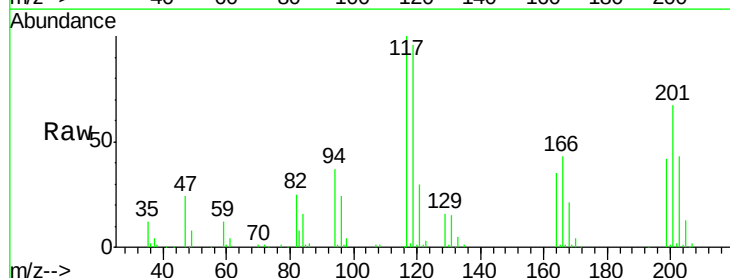
Tgt Ion:117 Resp: 136708

Ion Ratio Lower Upper

117 100

119 95.6 76.7 115.1

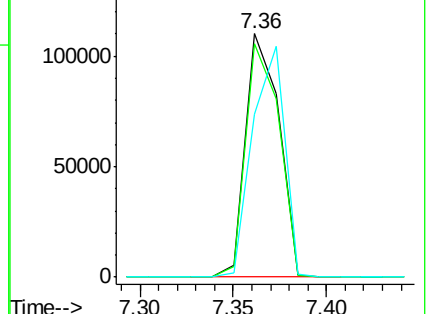
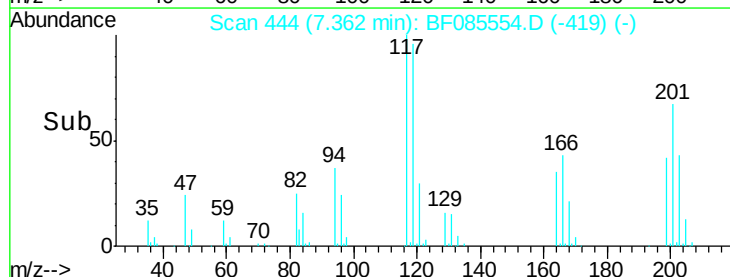
201 66.9 83.3 124.9#

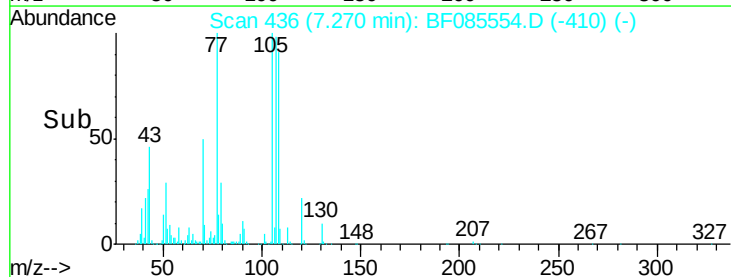
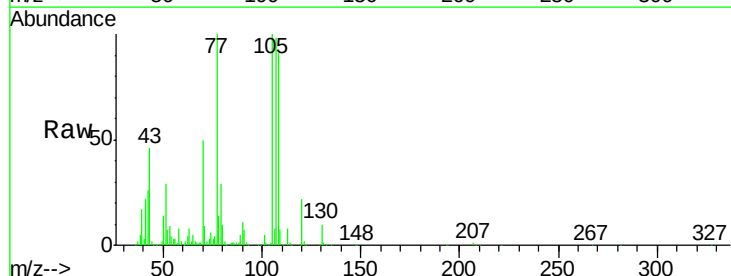
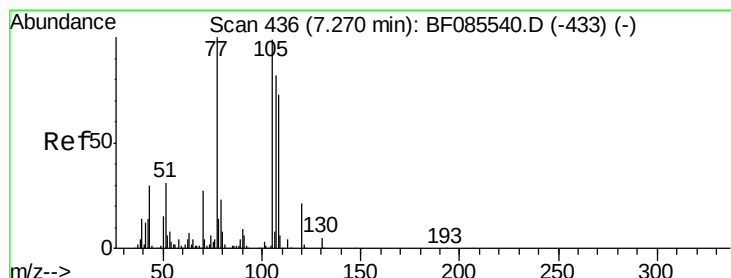
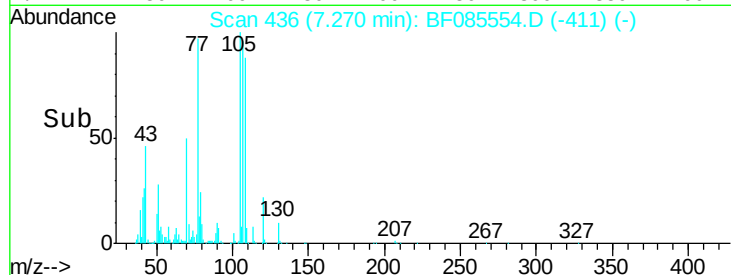
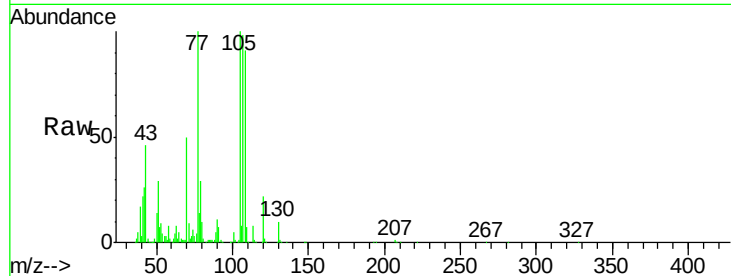
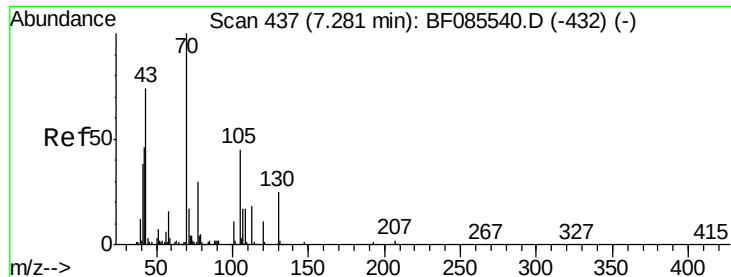


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

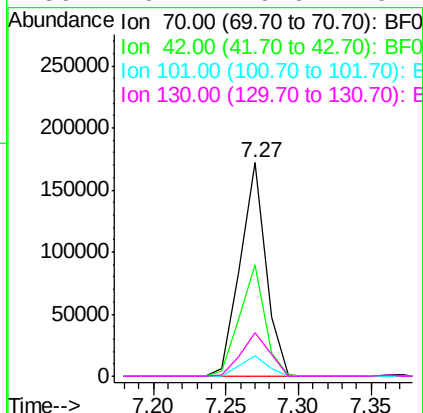




#19
n-Nitroso-di-n-propylamine
Concen: 36.70 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

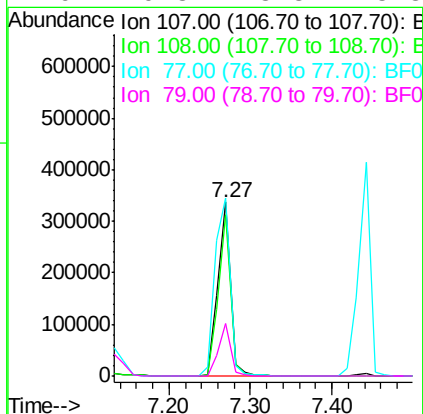
Instrument :
BNA_F
ClientSampleId :
PB89025BS

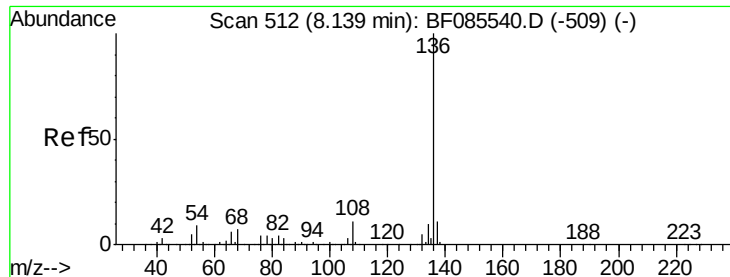
Tgt Ion:	70	Resp:	212597
Ion	Ratio	Lower	Upper
70	100		
42	52.0	37.1	55.7
101	9.5	8.6	12.8
130	20.2	19.6	29.4



#20
3+4-Methylphenols
Concen: 43.21 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion:	107	Resp:	362884
Ion	Ratio	Lower	Upper
107	100		
108	93.0	69.3	109.3
77	101.9	101.7	141.7
79	29.8	8.3	48.3

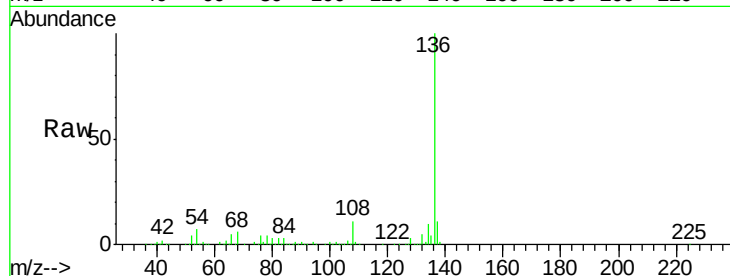




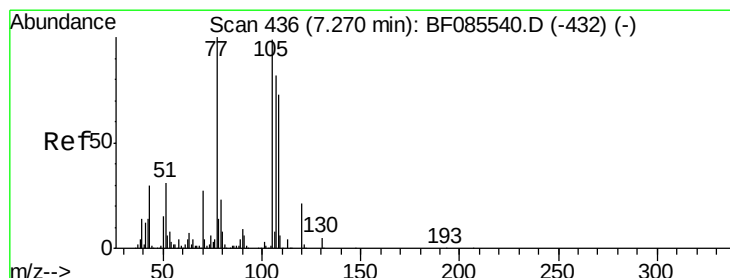
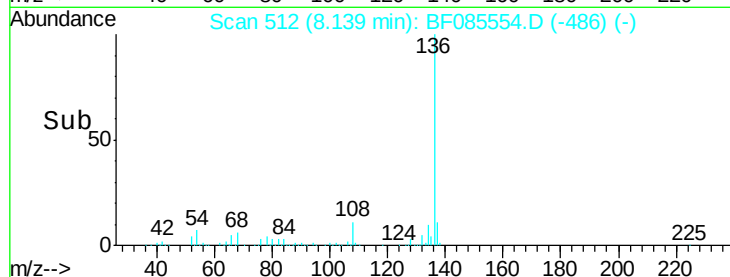
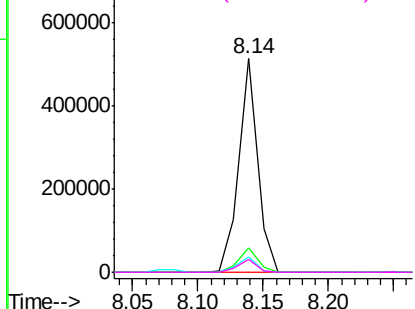
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion:	136	Resp:	515176
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	7.5	7.4	11.0
68	6.2	5.8	8.8

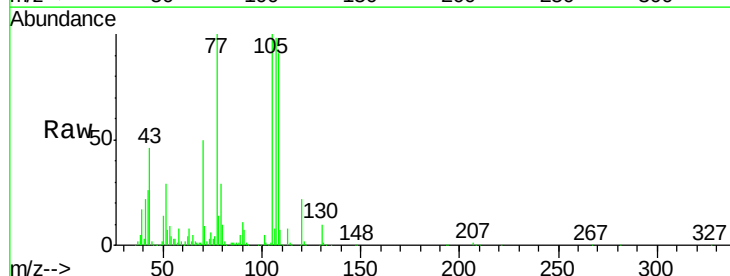


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

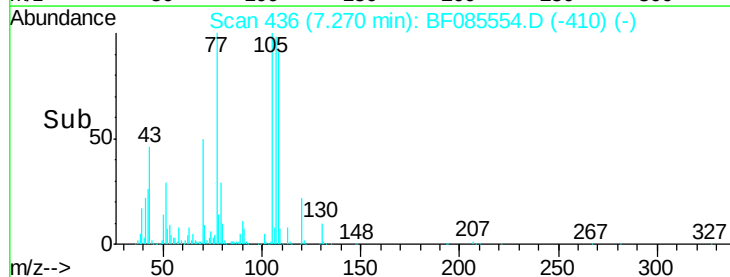
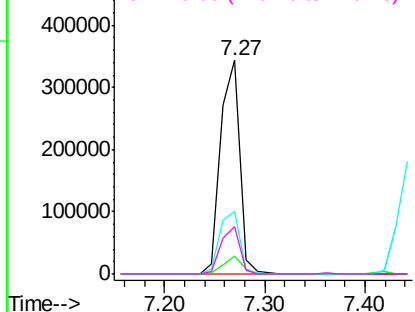


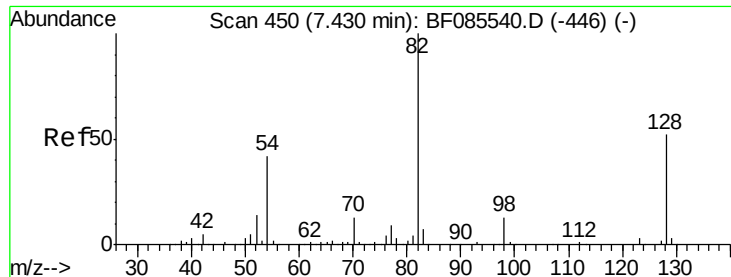
#22
Acetophenone
Concen: 37.16 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion:	105	Resp:	454263
Ion Ratio	Lower	Upper	
105	100		
71	8.5	3.6	5.4#
51	29.1	25.4	38.0
120	21.9	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.62 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

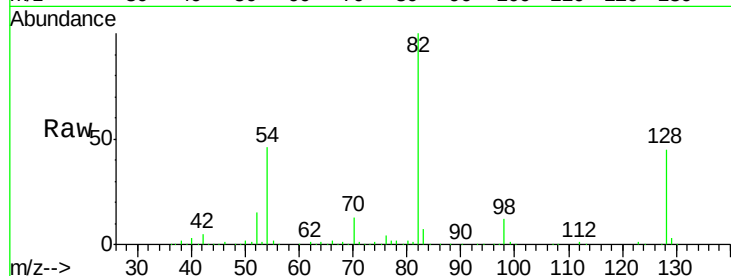
Tgt Ion: 82 Resp: 671136

Ion Ratio Lower Upper

82 100

128 44.7 41.8 62.8

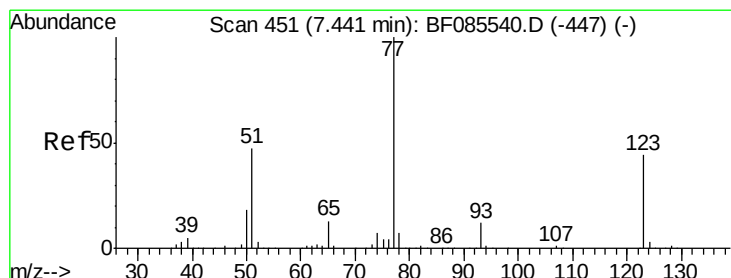
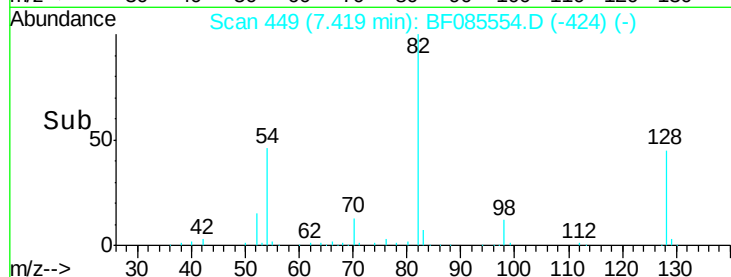
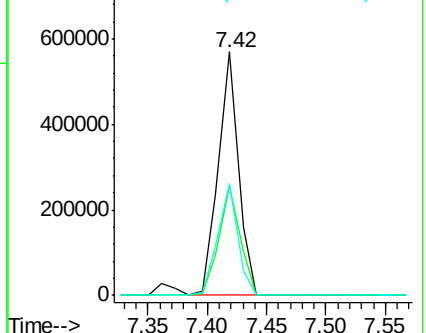
54 45.8 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.59 ng

RT: 7.44 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

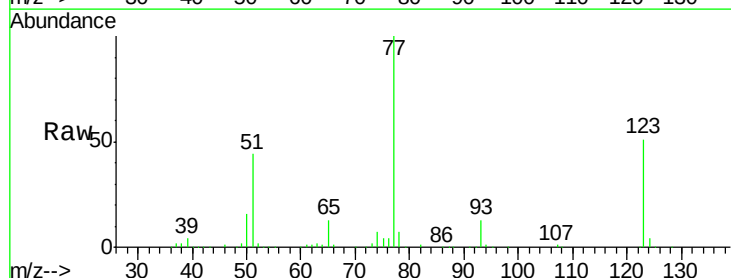
Tgt Ion: 77 Resp: 404100

Ion Ratio Lower Upper

77 100

123 51.0 35.0 52.4

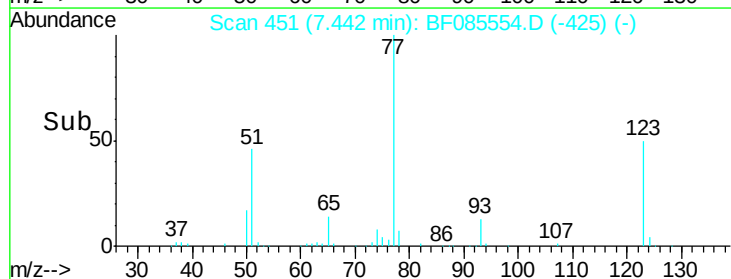
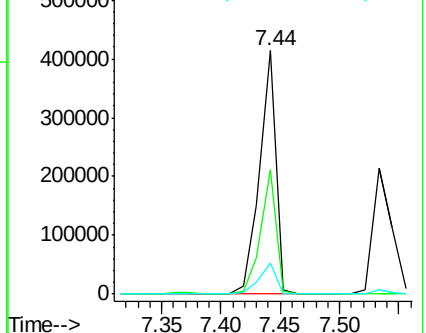
65 12.6 10.6 16.0

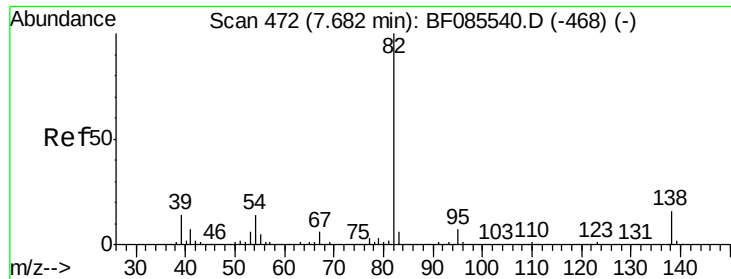


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.30 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

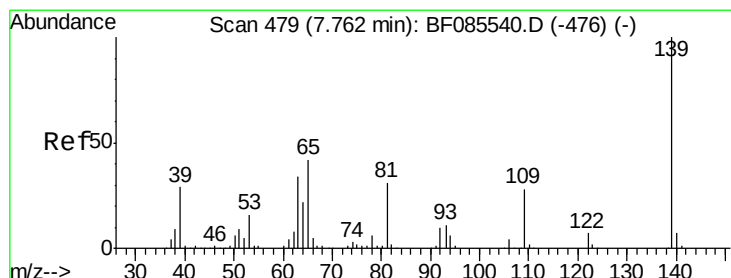
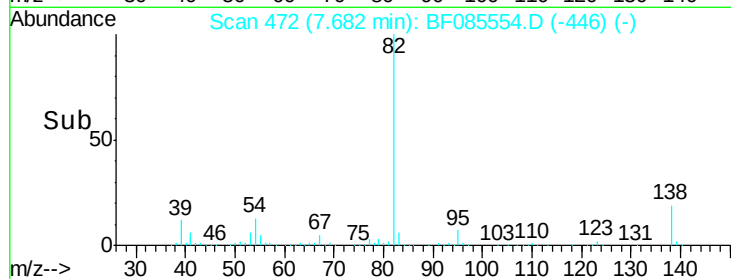
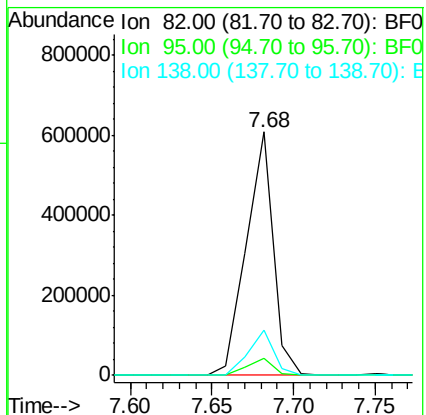
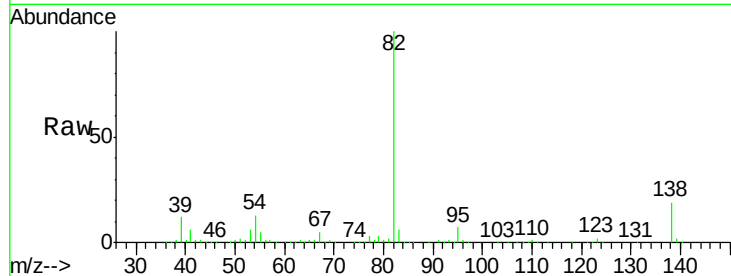
Tgt Ion: 82 Resp: 698394

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 18.5 12.9 19.3



#26

2-Nitrophenol

Concen: 40.40 ng

RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

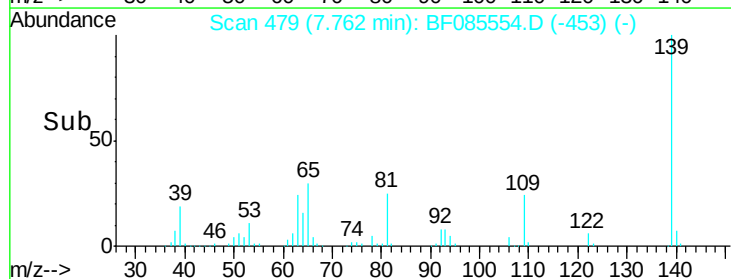
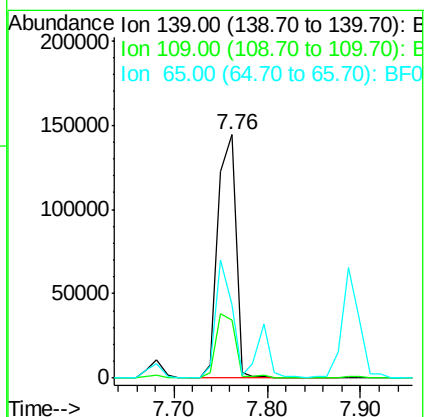
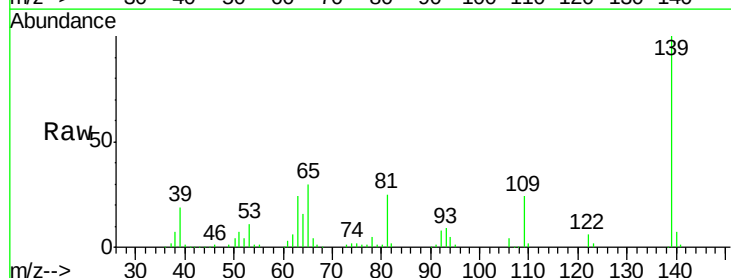
Tgt Ion: 139 Resp: 193961

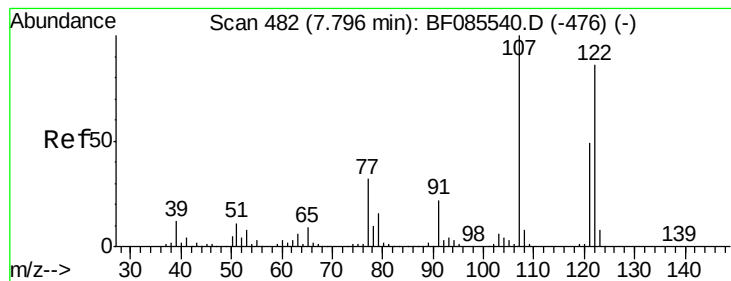
Ion Ratio Lower Upper

139 100

109 24.0 22.1 33.1

65 30.2 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 40.39 ng

RT: 7.80 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

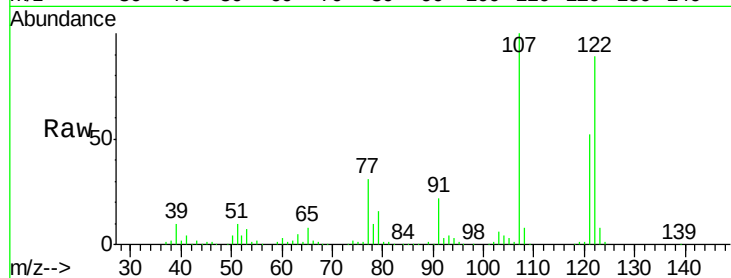
Tgt Ion:122 Resp: 342901

Ion Ratio Lower Upper

122 100

107 112.8 93.0 139.6

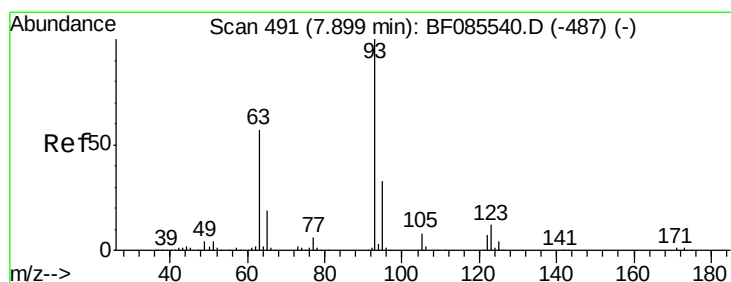
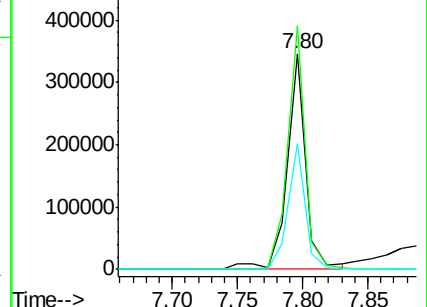
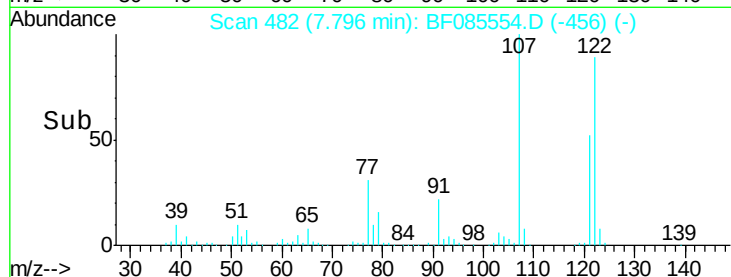
121 58.3 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.09 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

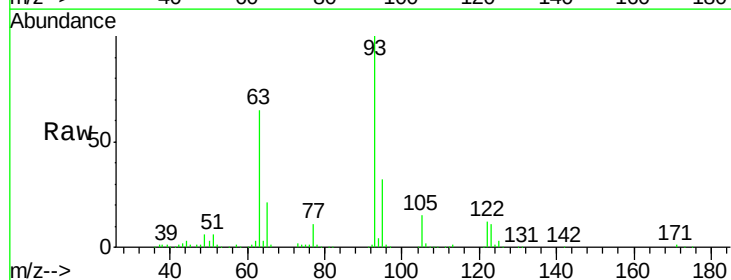
Tgt Ion: 93 Resp: 415290

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

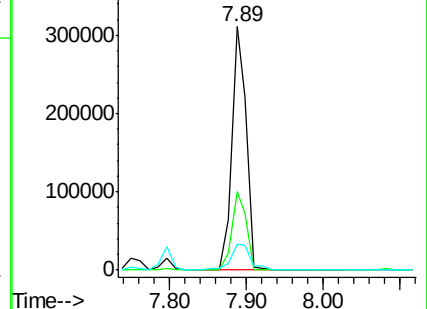
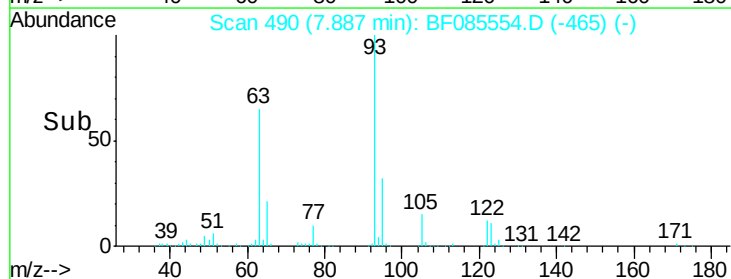
123 10.9 9.8 14.6

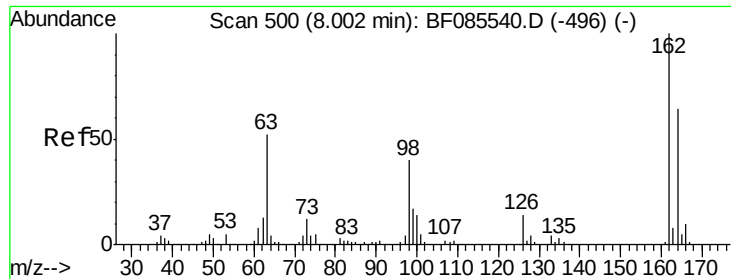


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

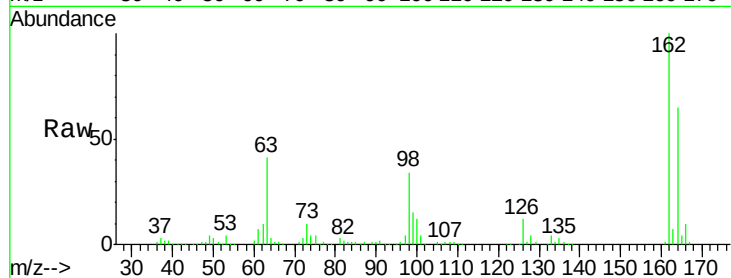




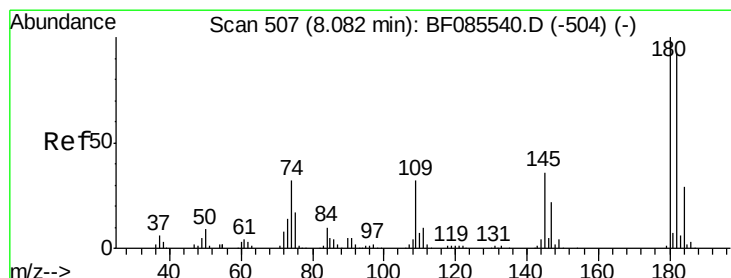
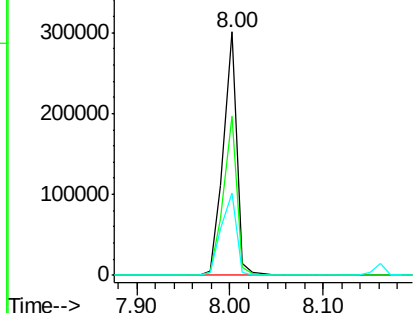
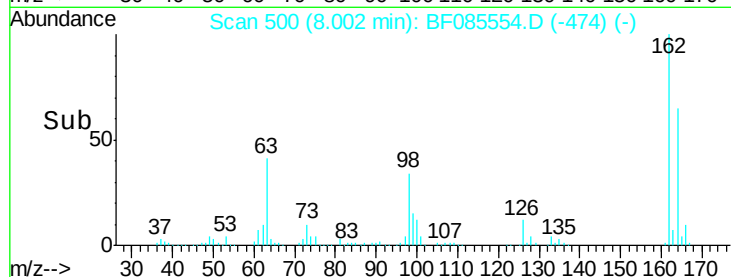
#29
 2,4-Dichlorophenol
 Concen: 42.88 ng
 RT: 8.00 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.7	83.7
98	33.8	20.4	60.4

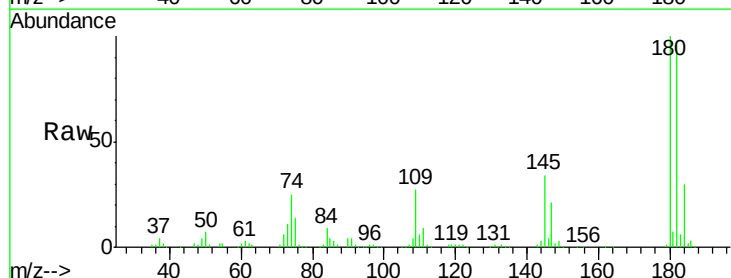


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

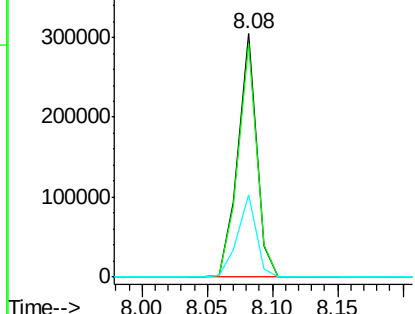
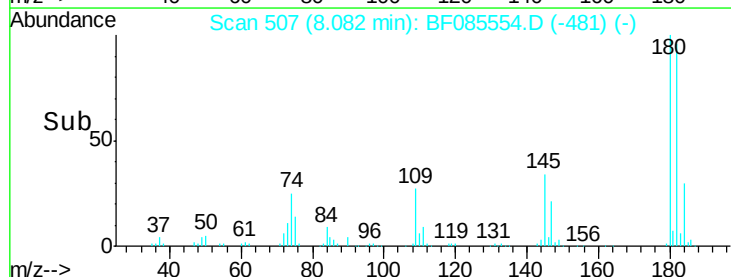


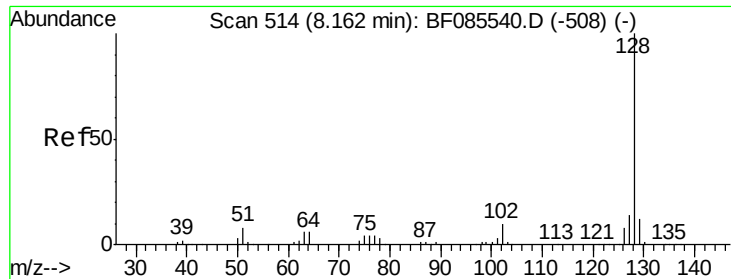
#30
 1,2,4-Trichlorobenzene
 Concen: 38.63 ng
 RT: 8.08 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	73.8	110.8
145	33.7	28.4	42.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

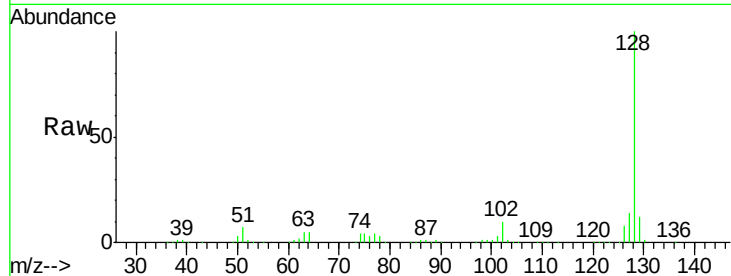




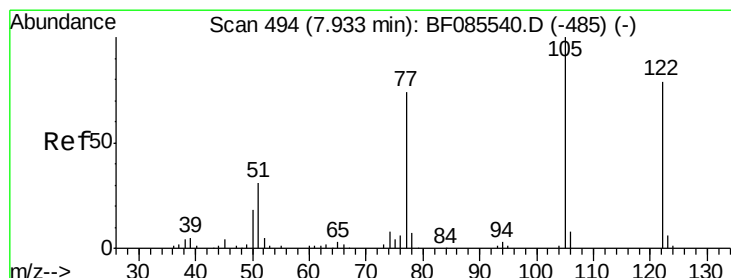
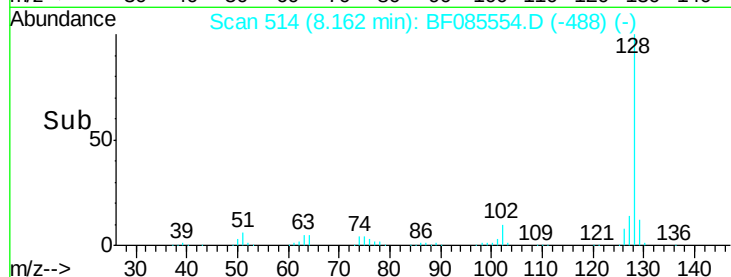
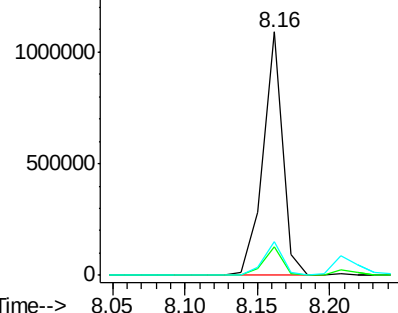
#31
Naphthalene
Concen: 39.19 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion:128 Resp: 1019045
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.8 11.0 16.6

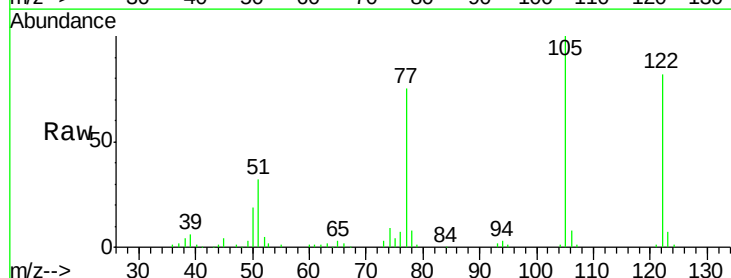


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

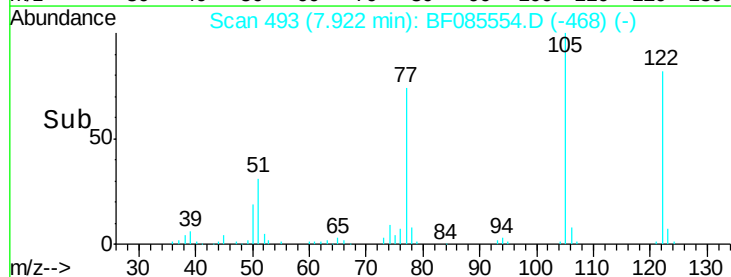
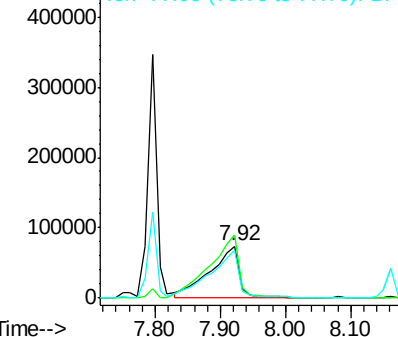


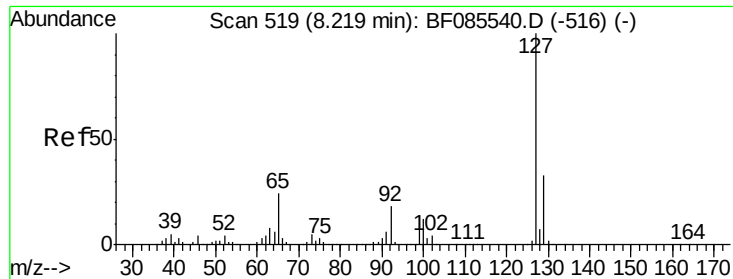
#32
Benzoic acid
Concen: 32.27 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion:122 Resp: 229094
Ion Ratio Lower Upper
122 100
105 121.5 102.9 142.9
77 91.7 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

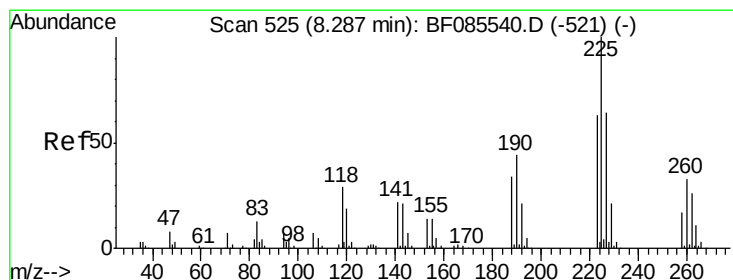
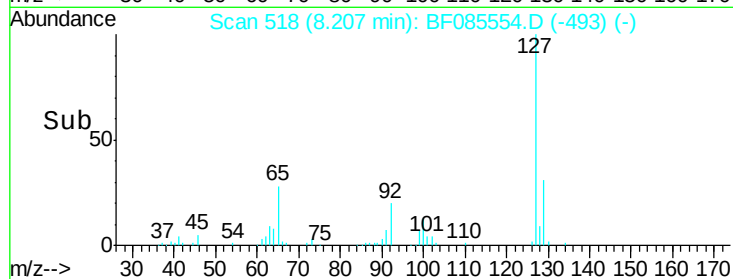
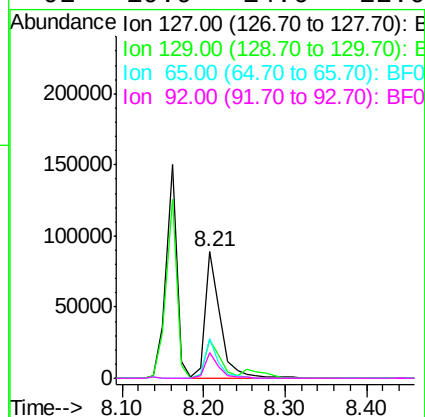
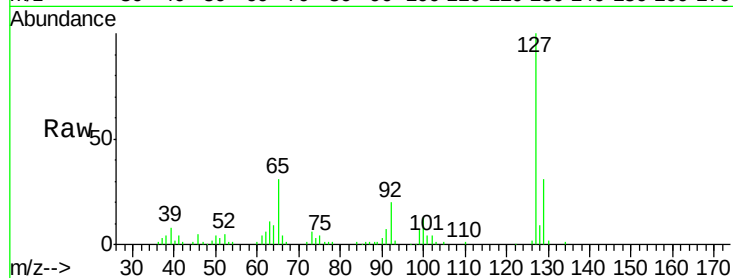




#33
4-Chloroaniline
Concen: 11.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

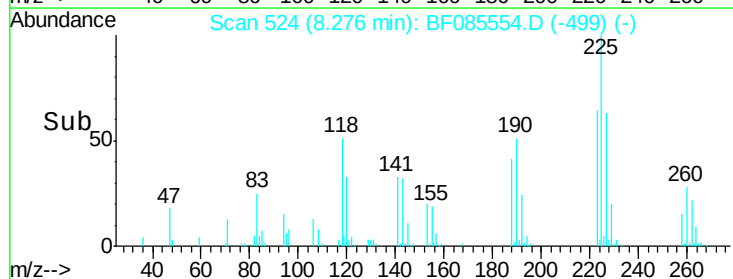
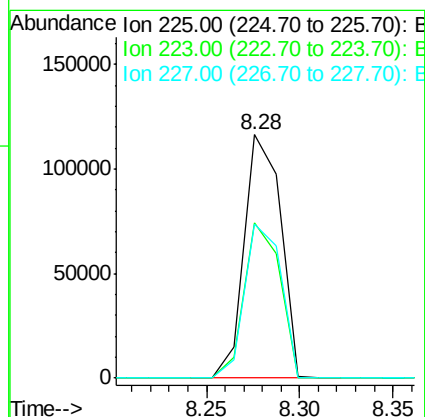
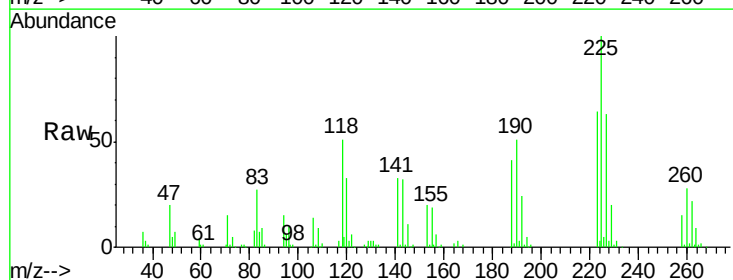
Instrument :
BNA_F
ClientSampleId :
PB89025BS

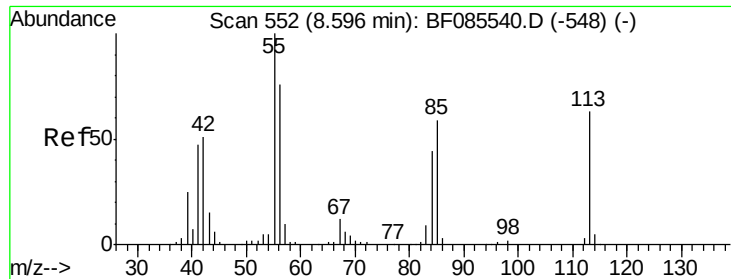
Tgt Ion:	127	Resp:	117227
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.1	39.1
65	31.4	19.5	29.3
92	19.9	14.6	22.0



#34
Hexachlorobutadiene
Concen: 37.59 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion:	225	Resp:	157346
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.4	75.6
227	63.3	51.4	77.2

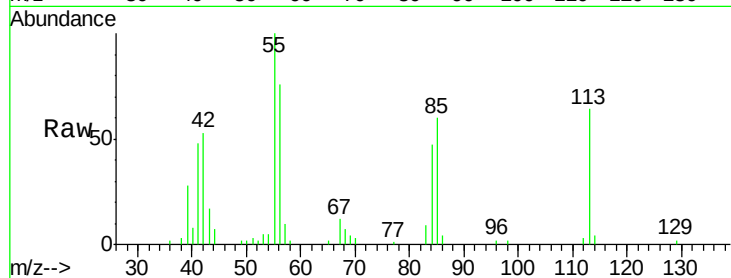




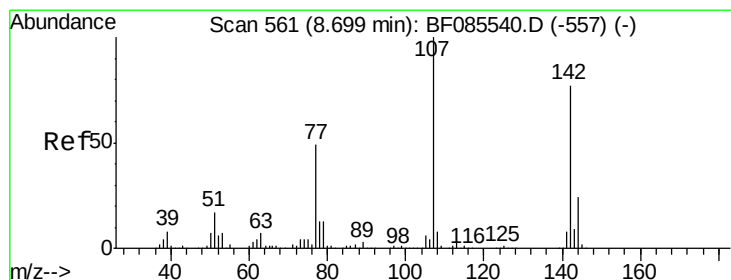
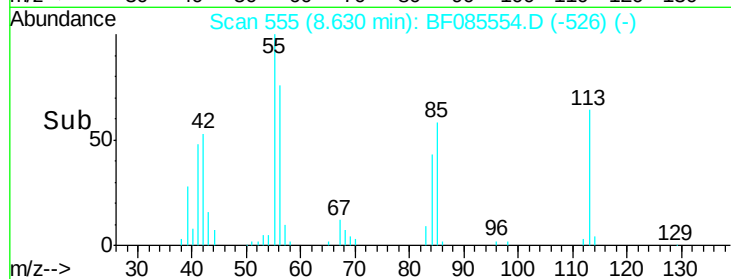
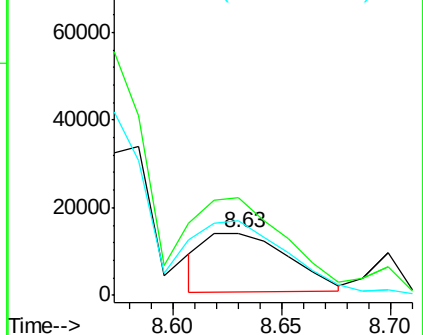
#35
 Caprolactam
 Concen: 14.88 ng
 RT: 8.63 min Scan# 555
 Delta R.T. 0.03 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Tgt Ion:113 Resp: 35896
 Ion Ratio Lower Upper
 113 100
 55 156.6 139.4 179.4
 56 119.5 100.4 140.4

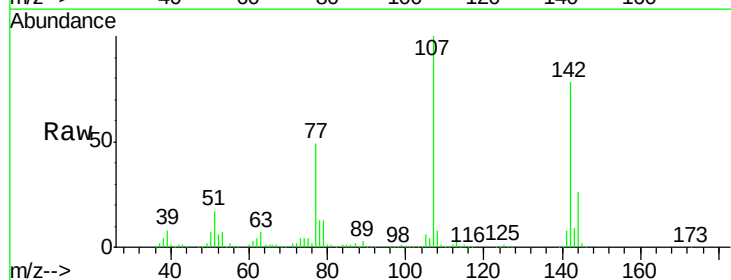


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

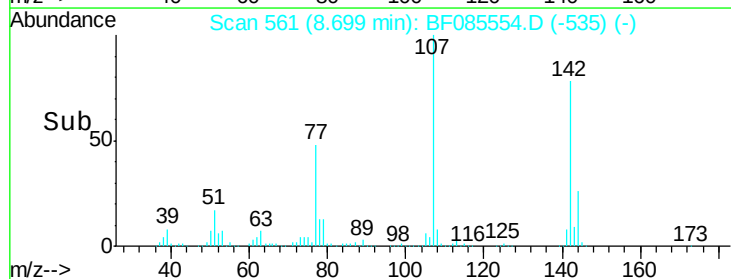
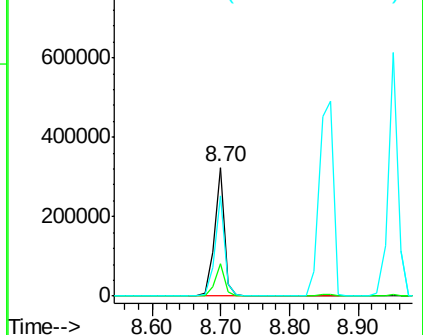


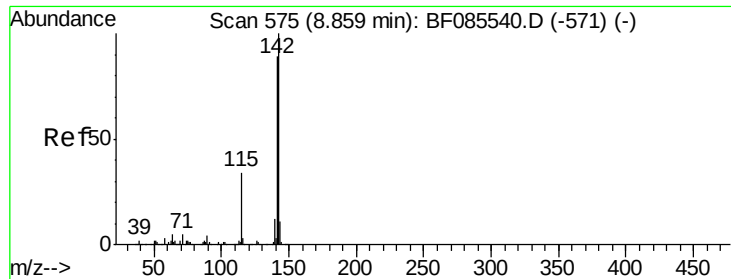
#36
 4-Chloro-3-methylphenol
 Concen: 40.64 ng
 RT: 8.70 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion:107 Resp: 332781
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.3 28.9
 142 78.2 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

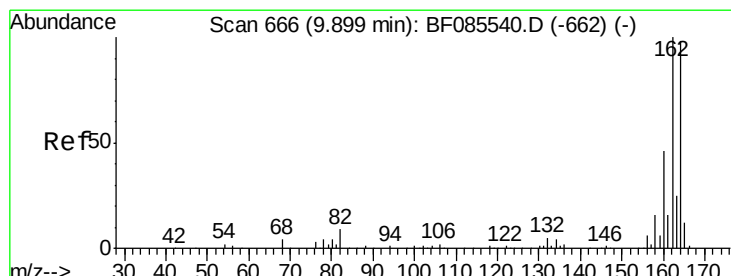
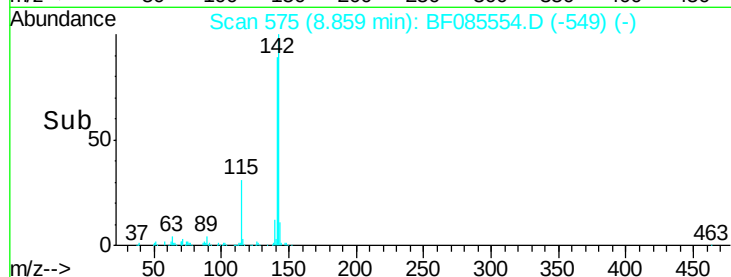
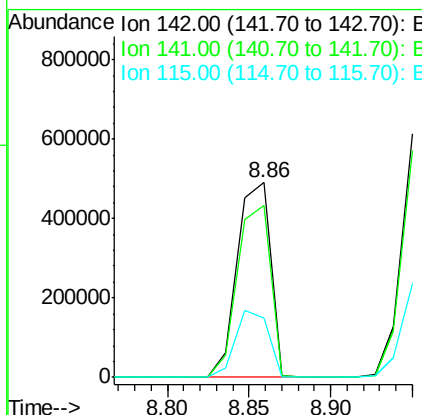
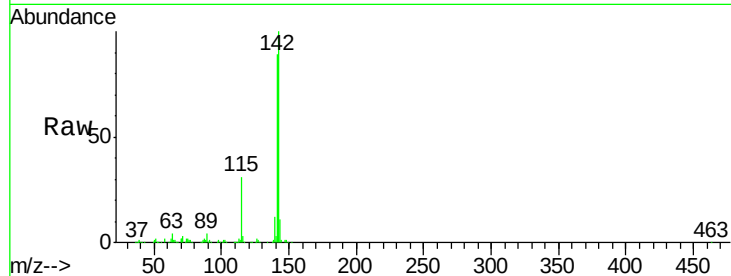




#37
 2-Methylnaphthalene
 Concen: 43.74 ng
 RT: 8.86 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

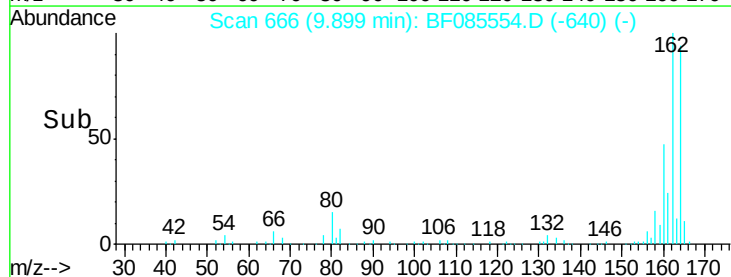
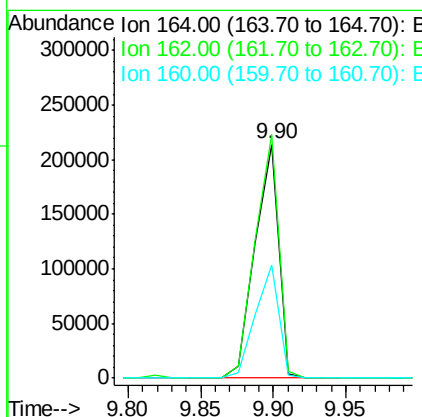
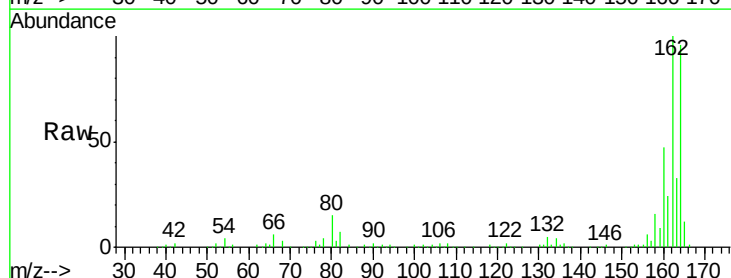
Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

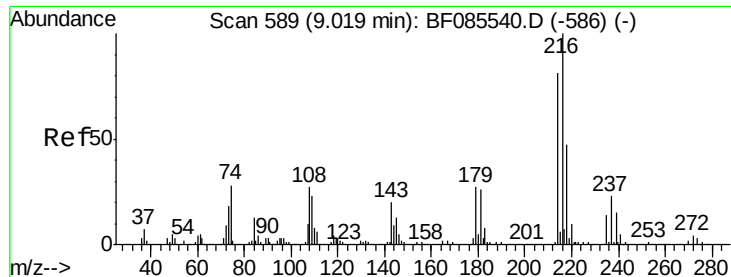
Tgt Ion:142 Resp: 693252
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.6 107.4
 115 30.8 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion:164 Resp: 242112
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.1 123.1
 160 48.5 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.12 ng

RT: 9.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

Tgt Ion:216 Resp: 265290

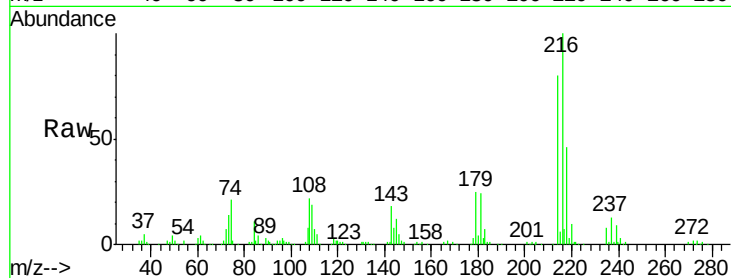
Ion Ratio Lower Upper

216 100

214 78.3 63.1 94.7

179 23.7 18.2 27.2

108 24.9 17.3 25.9

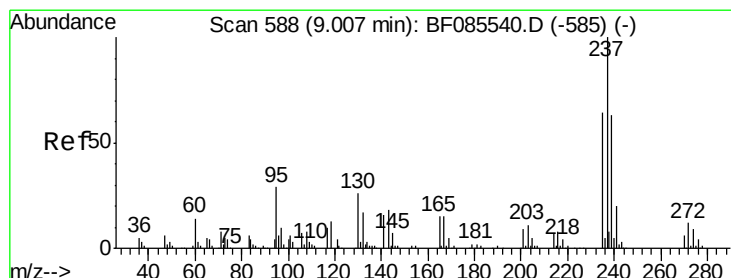
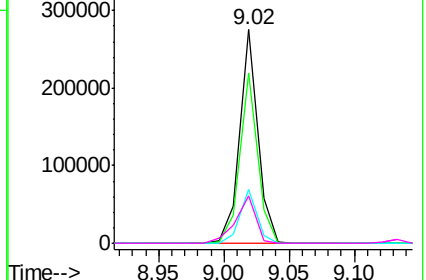
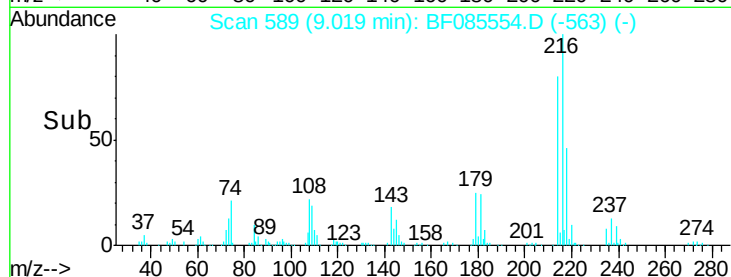


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.03 ng

RT: 9.01 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

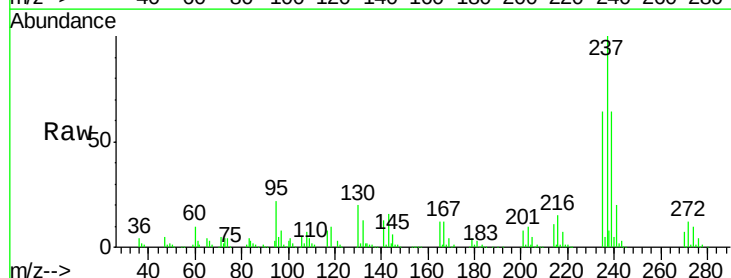
Tgt Ion:237 Resp: 297996

Ion Ratio Lower Upper

237 100

235 63.9 43.7 83.7

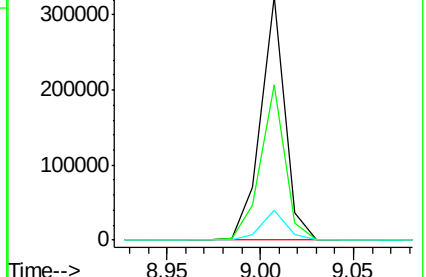
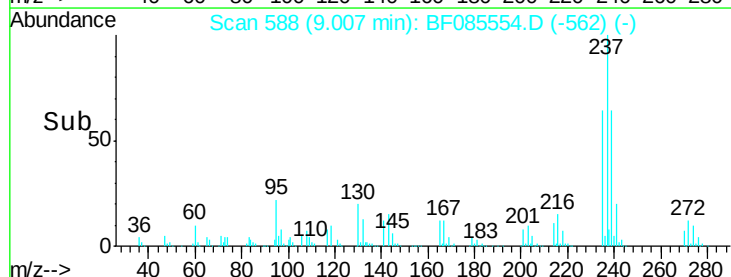
272 12.5 0.0 31.9

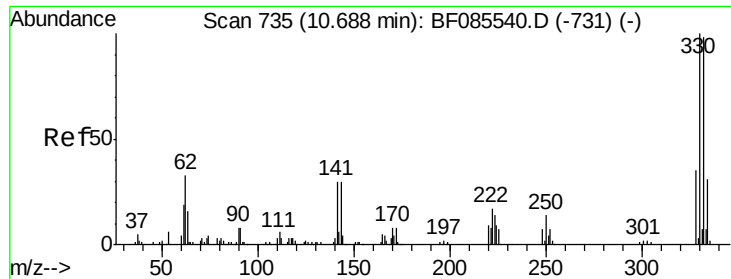


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

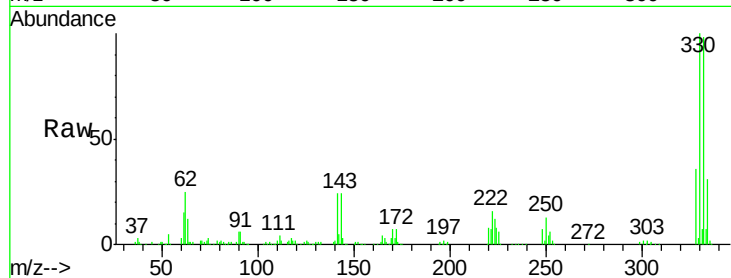




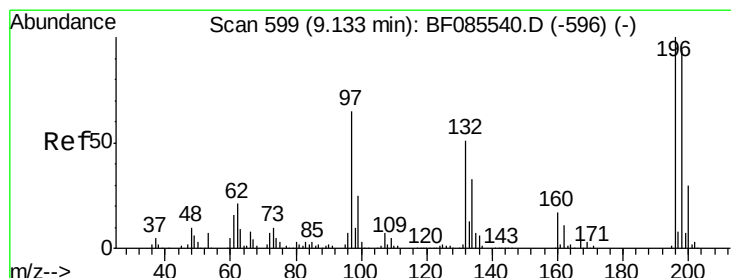
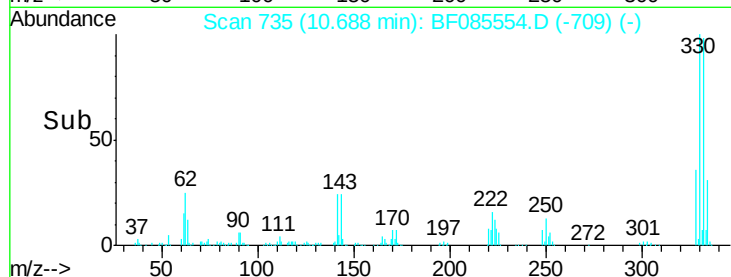
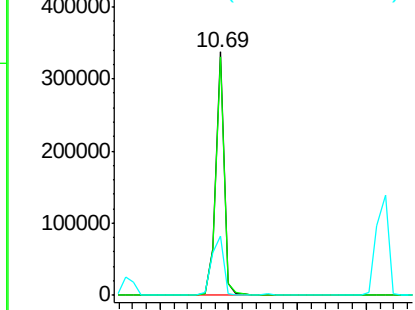
#41
 2,4,6-Tribromophenol
 Concen: 125.26 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Tgt Ion:330 Resp: 297061
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.2 117.2
 141 34.8 31.5 47.3

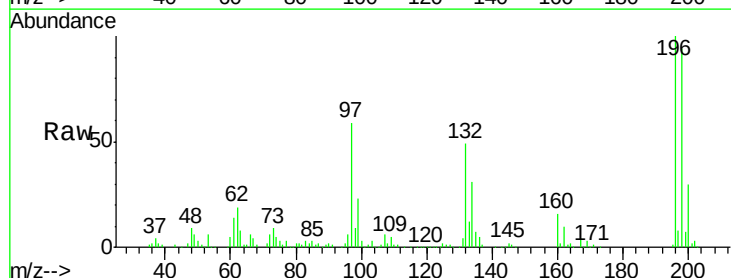


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

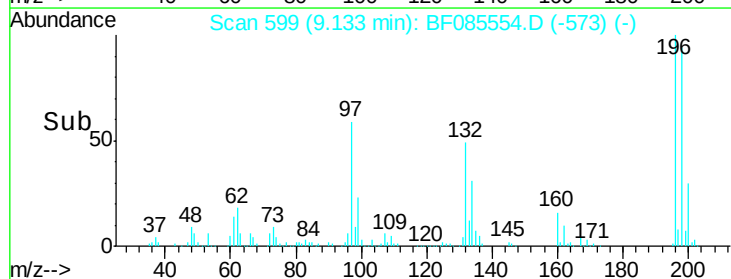
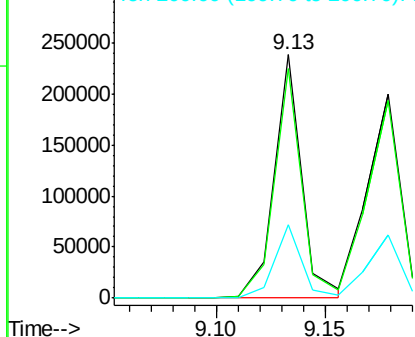


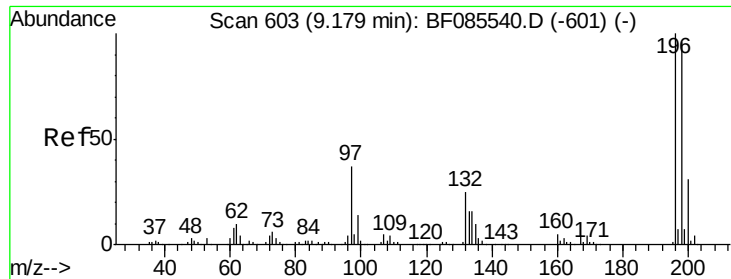
#42
 2,4,6-Trichlorophenol
 Concen: 41.95 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion:196 Resp: 210879
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.3 112.9
 200 30.1 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

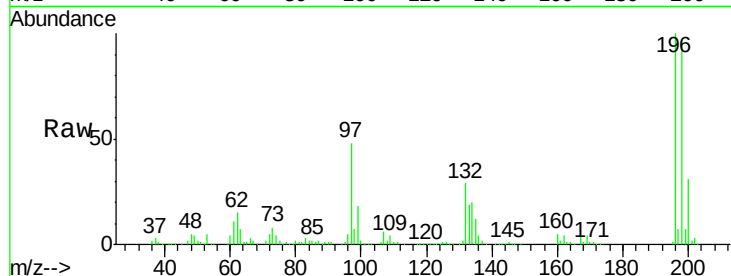




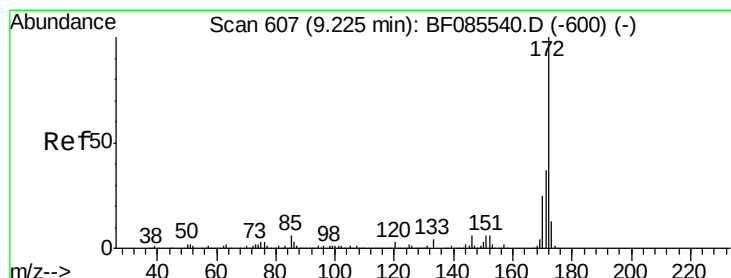
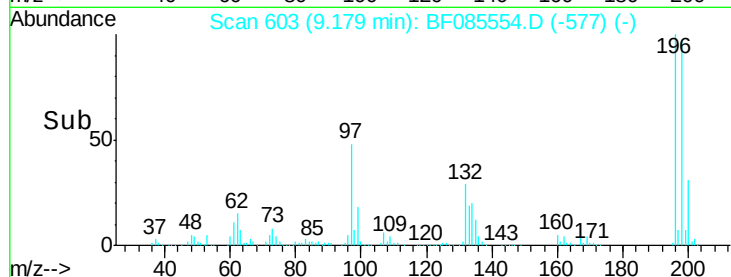
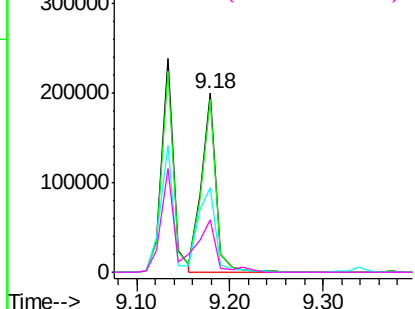
#43
 2,4,5-Trichlorophenol
 Concen: 42.80 ng
 RT: 9.18 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.6	114.8
97	47.6	30.5	45.7#
132	29.4	20.2	30.2

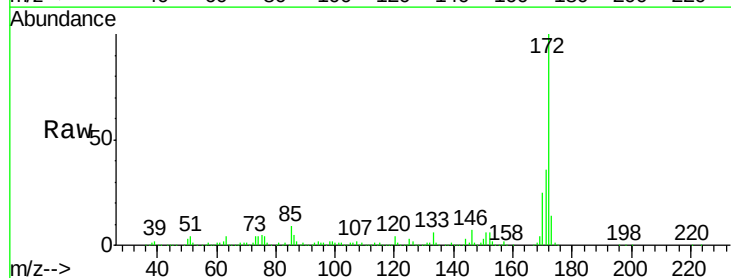


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

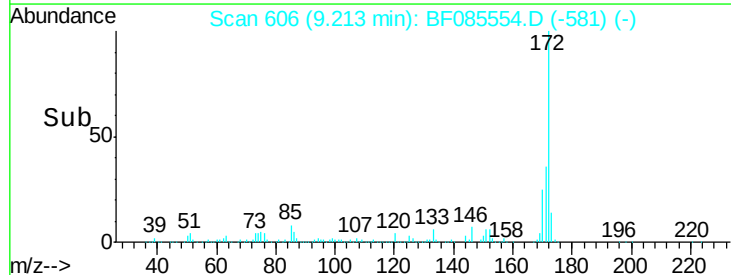
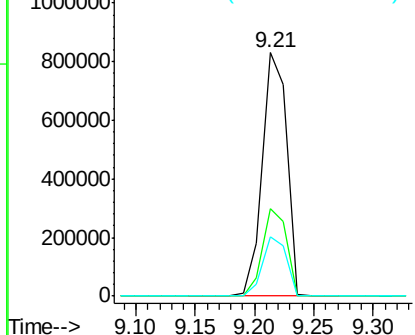


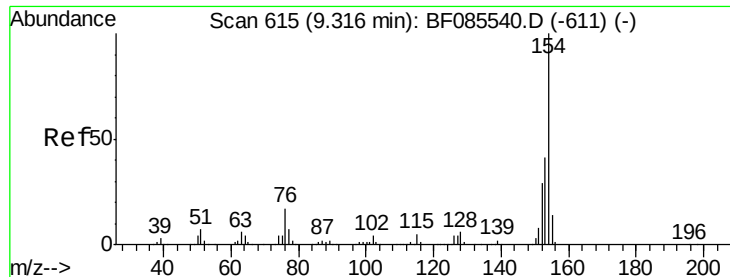
#44
 2-Fluorobiphenyl
 Concen: 84.25 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.6	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

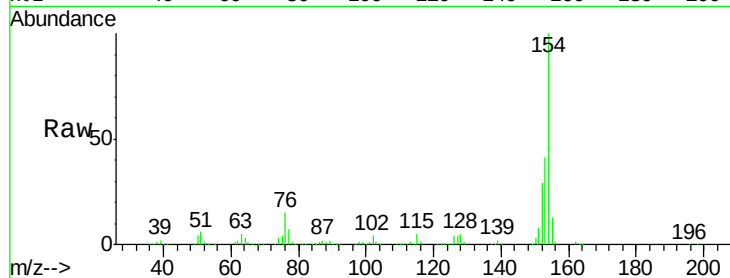




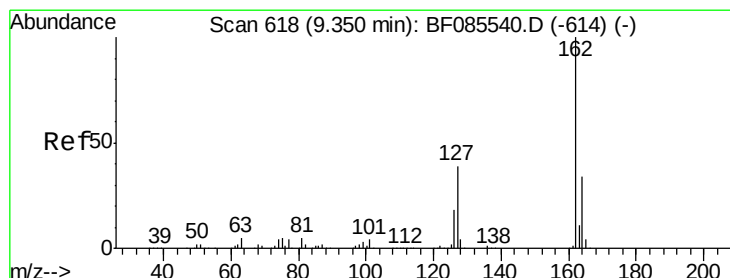
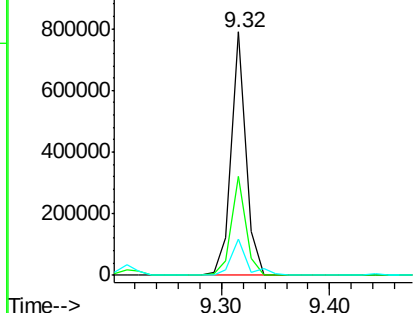
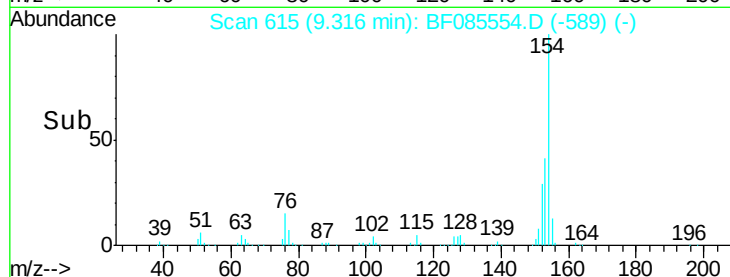
#45
 1,1'-Biphenyl
 Concen: 35.19 ng
 RT: 9.32 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.8	60.8
76	14.8	0.0	36.7

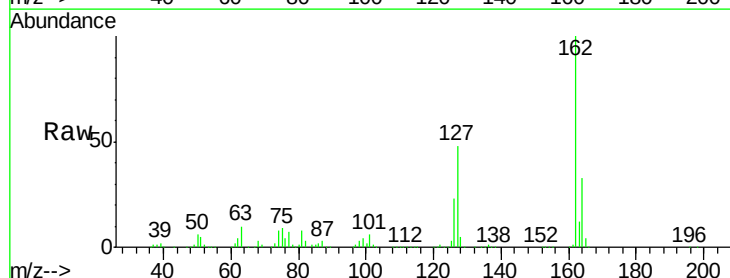


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

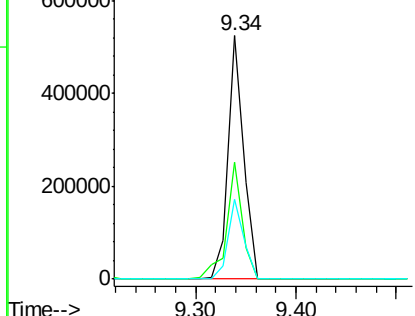
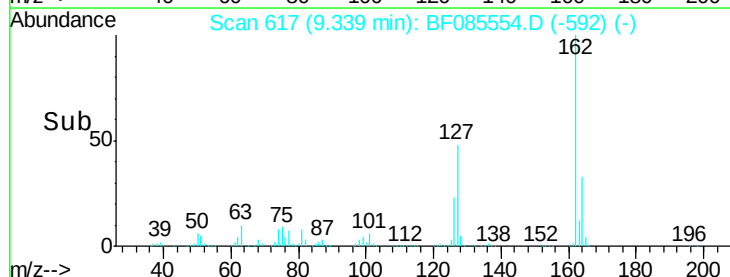


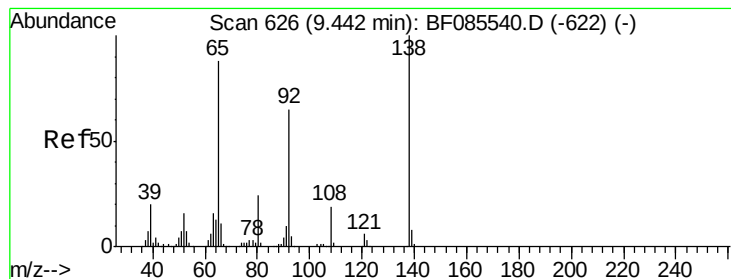
#46
 2-Chloronaphthalene
 Concen: 37.14 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.8	31.7	47.5#
164	32.7	27.3	40.9



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





#47

2-Nitroaniline

Concen: 44.12 ng

RT: 9.44 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

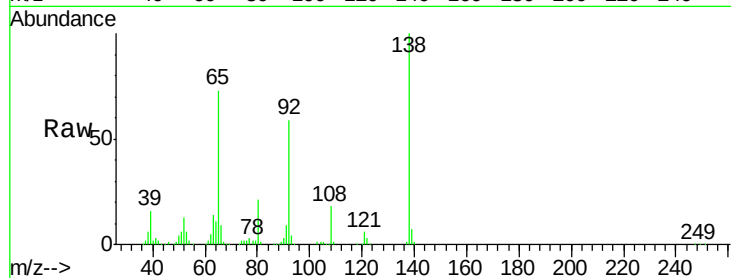
Tgt Ion: 65 Resp: 203610

Ion Ratio Lower Upper

65 100

92 80.7 59.7 89.5

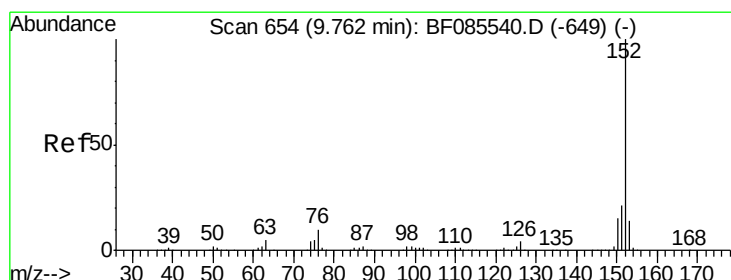
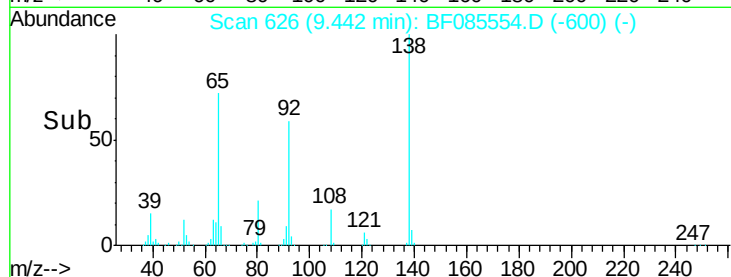
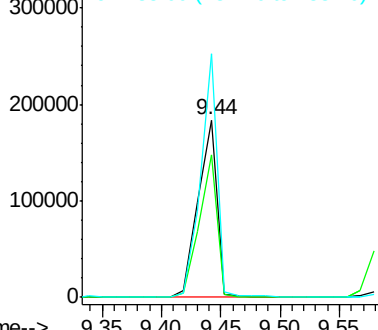
138 137.4 91.4 137.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 41.31 ng

RT: 9.76 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

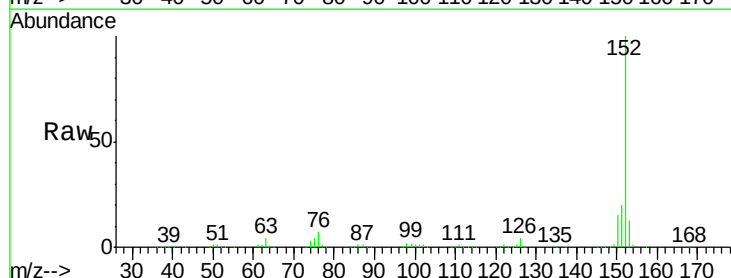
Tgt Ion: 152 Resp: 1019964

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

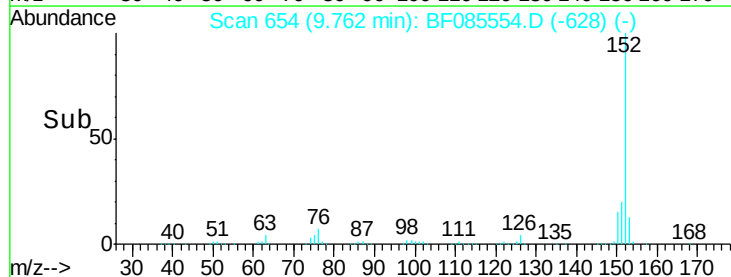
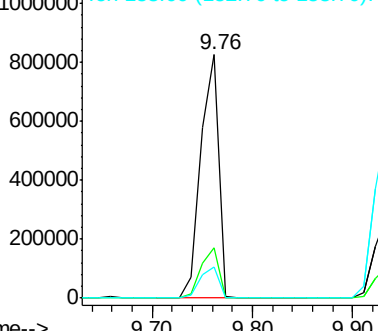
153 12.8 10.9 16.3

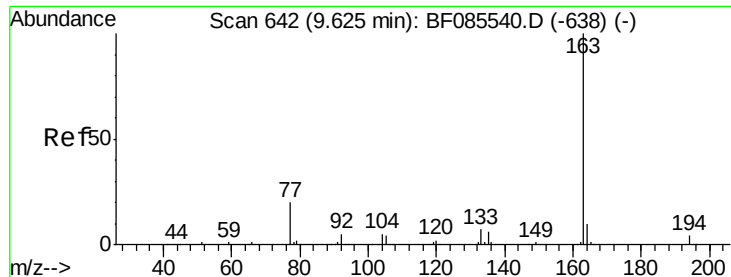


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

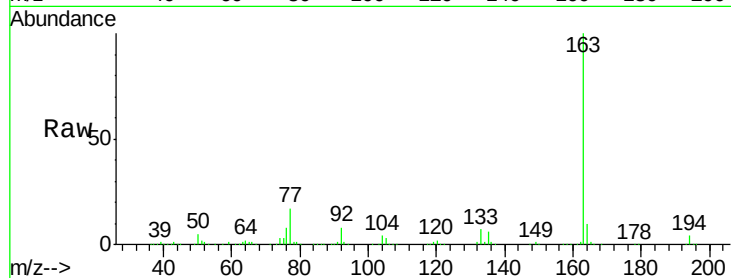




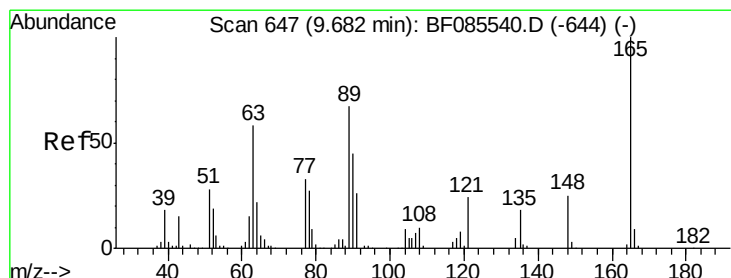
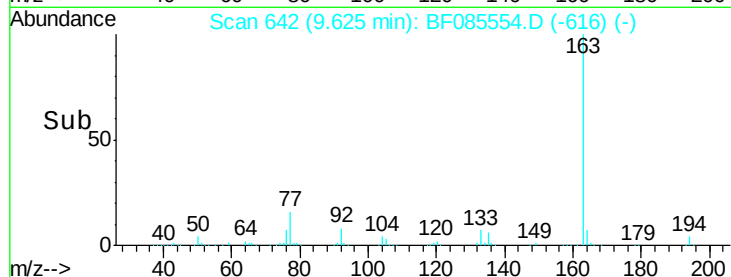
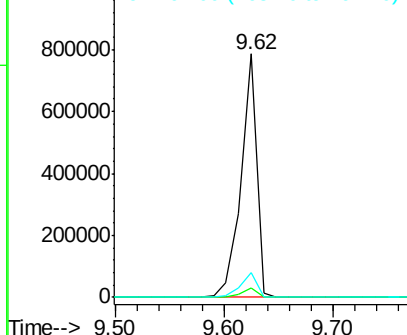
#49
Dimethylphthalate
Concen: 42.15 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Instrument :
BNA_F
ClientSampleId :
PB89025BS

Tgt Ion:163 Resp: 770040
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.0 8.3 12.5

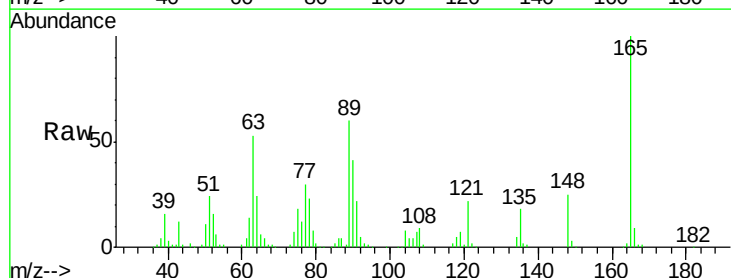


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

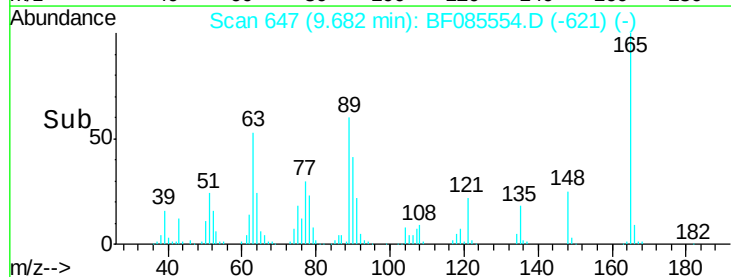
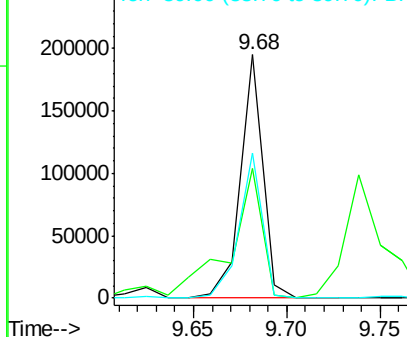


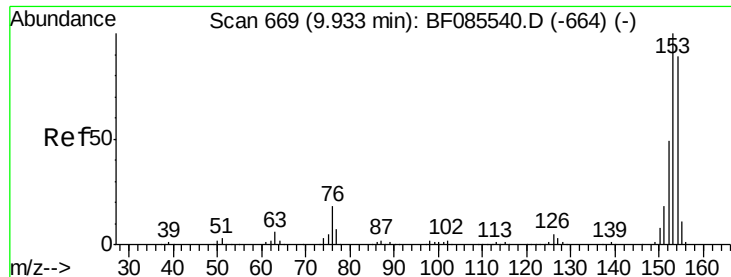
#50
2,6-Dinitrotoluene
Concen: 42.38 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion:165 Resp: 163448
Ion Ratio Lower Upper
165 100
63 53.3 51.8 77.8
89 59.5 53.7 80.5



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





#51

Acenaphthene

Concen: 45.59 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

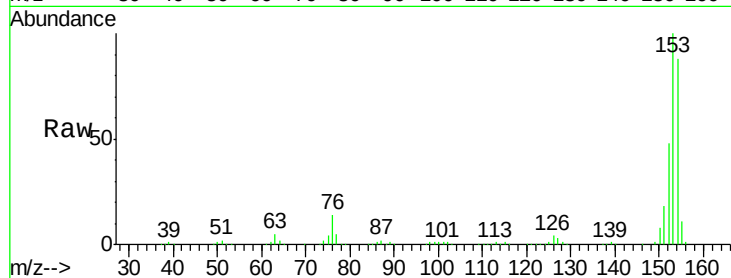
Tgt Ion:154 Resp: 706369

Ion Ratio Lower Upper

154 100

153 113.1 90.1 135.1

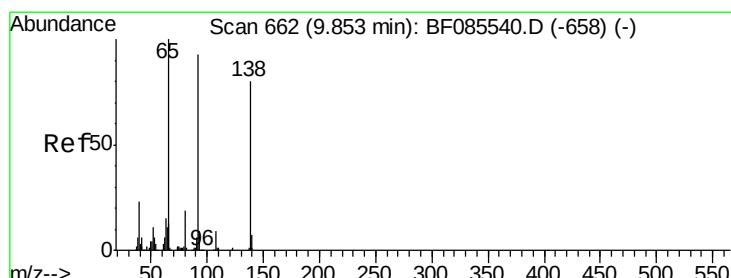
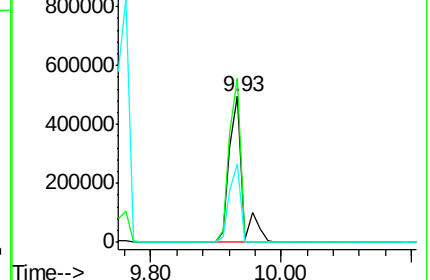
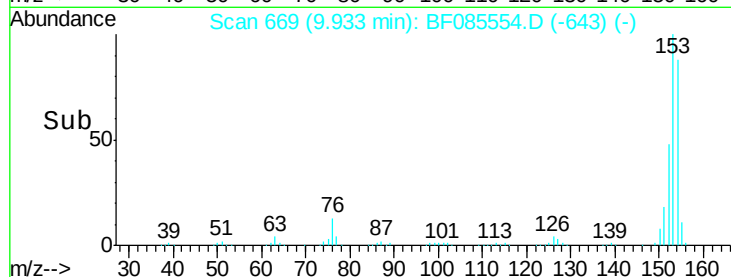
152 54.2 44.2 66.2



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: 18.81 ng

RT: 9.85 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

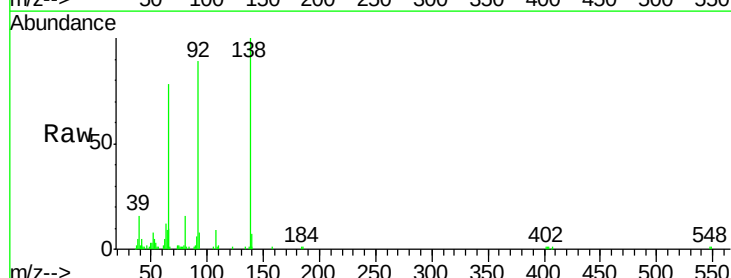
Tgt Ion:138 Resp: 90844

Ion Ratio Lower Upper

138 100

108 9.2 8.7 13.1

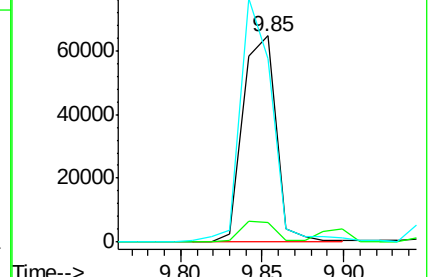
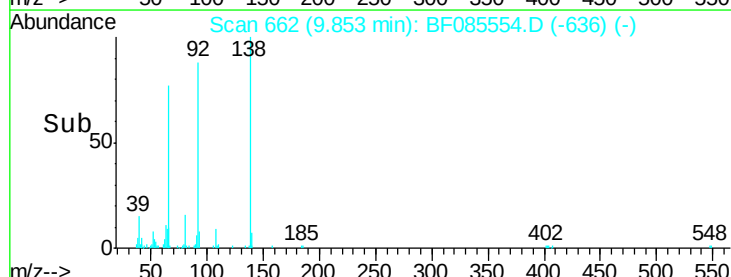
92 88.9 93.3 139.9#

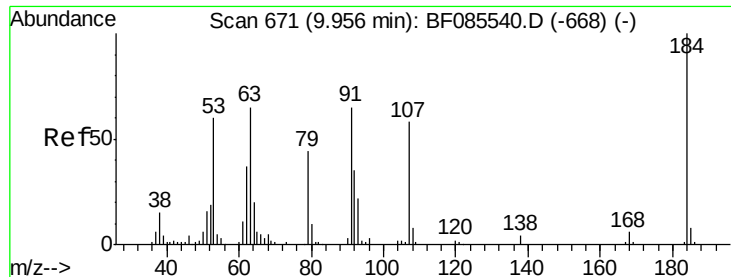


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

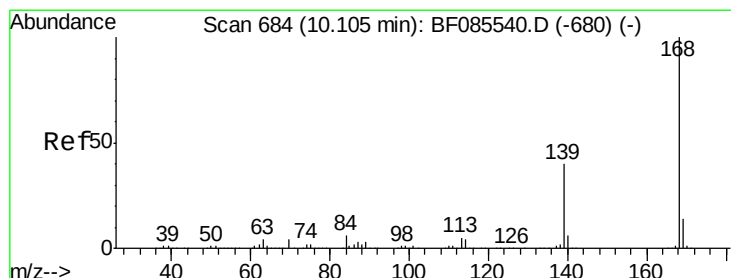
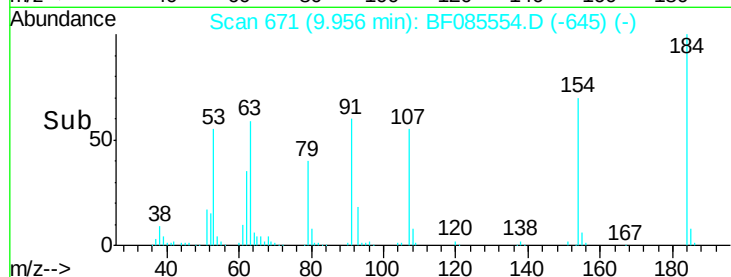
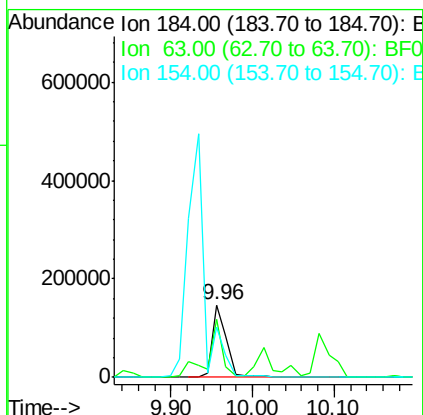
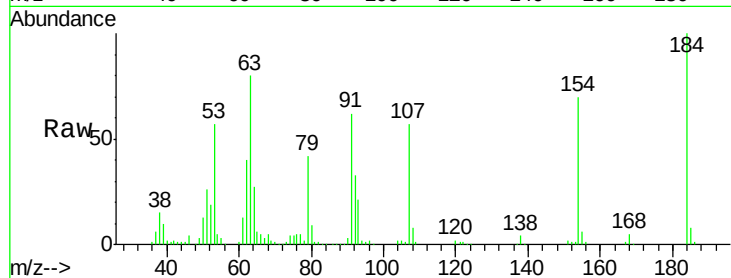




#53
2,4-Dinitrophenol
Concen: 75.71 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

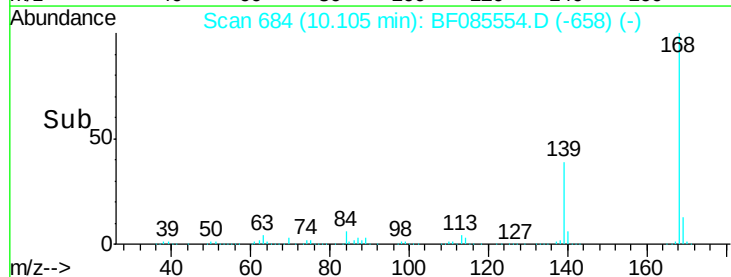
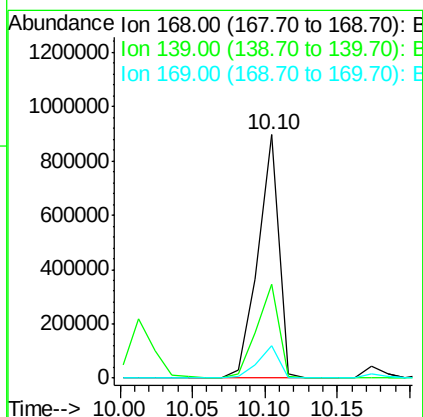
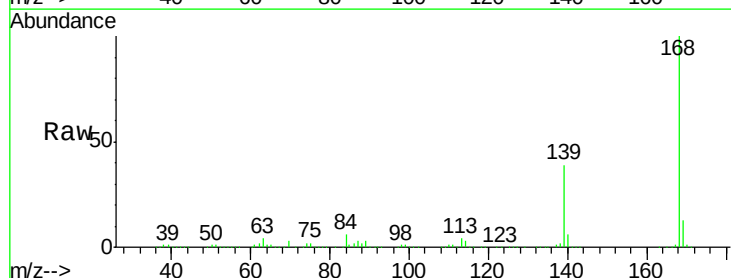
Instrument :
BNA_F
ClientSampleId :
PB89025BS

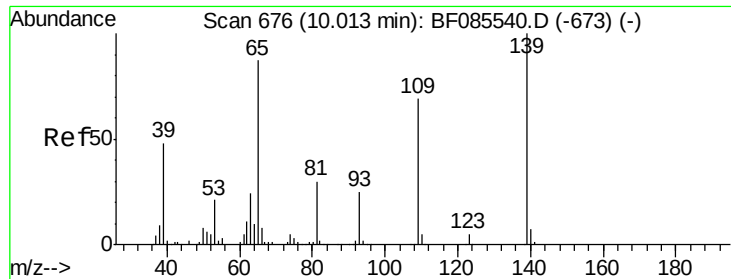
Tgt Ion:184 Resp: 178899
Ion Ratio Lower Upper
184 100
63 80.2 69.5 104.3
154 70.1 58.3 87.5



#54
Dibenzofuran
Concen: 47.60 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion:168 Resp: 898077
Ion Ratio Lower Upper
168 100
139 38.8 31.9 47.9
169 13.4 11.0 16.6

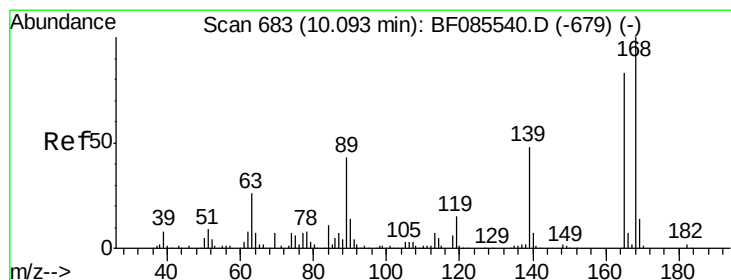
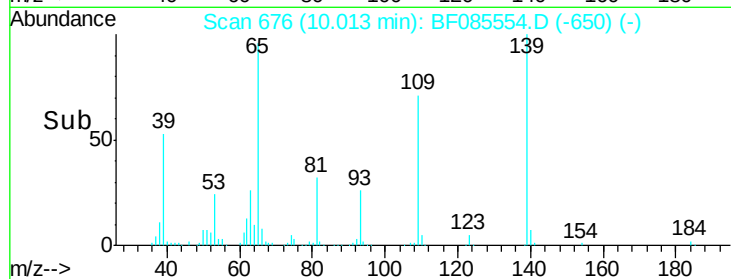
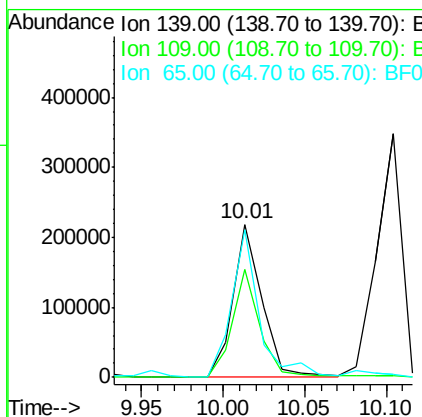
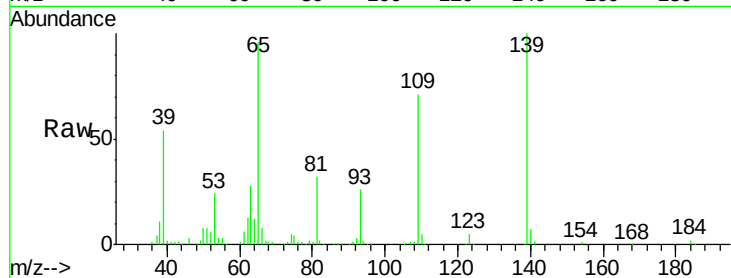




#55
4-Nitrophenol
Concen: 71.68 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

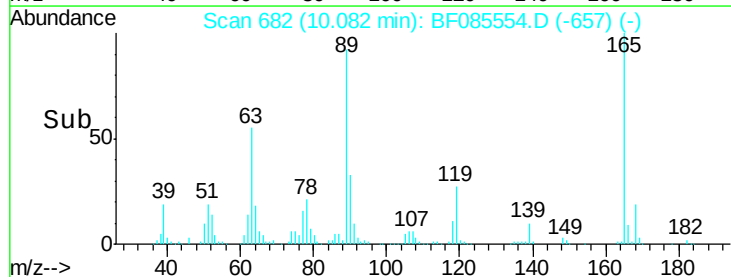
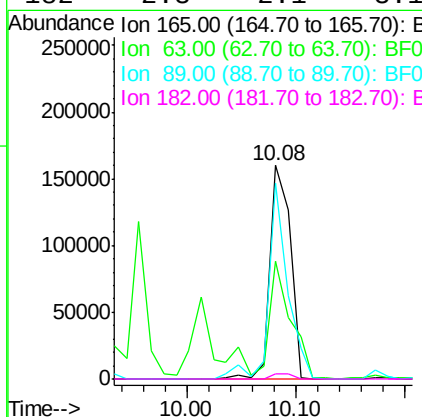
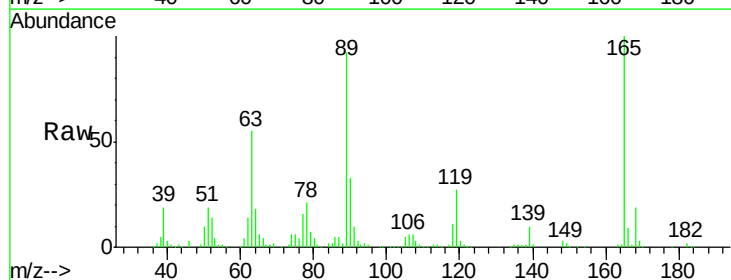
Instrument :
BNA_F
ClientSampleId :
PB89025BS

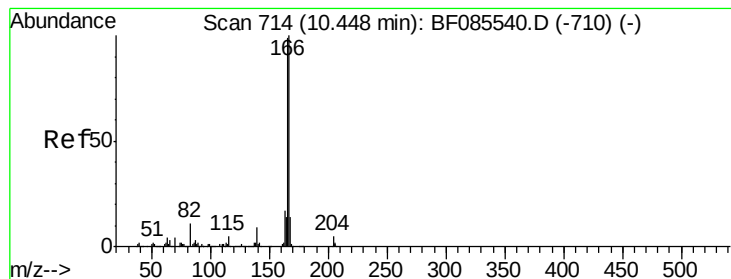
Tgt Ion:139 Resp: 267626
Ion Ratio Lower Upper
139 100
109 70.9 49.2 89.2
65 96.3 66.9 106.9



#56
2,4-Dinitrotoluene
Concen: 41.35 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion:165 Resp: 208815
Ion Ratio Lower Upper
165 100
63 55.0 24.9 37.3#
89 91.9 41.0 61.6#
182 2.3 2.1 3.1





#57

Fluorene

Concen: 42.68 ng

RT: 10.45 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

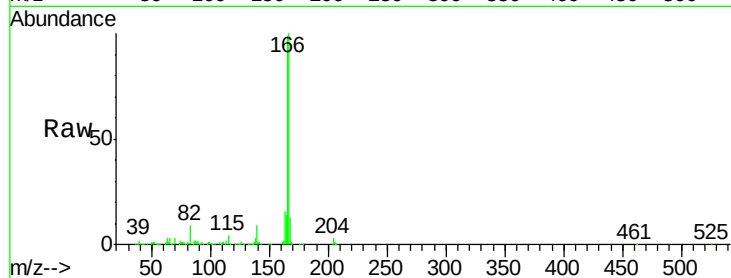
Tgt Ion:166 Resp: 671059

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.0

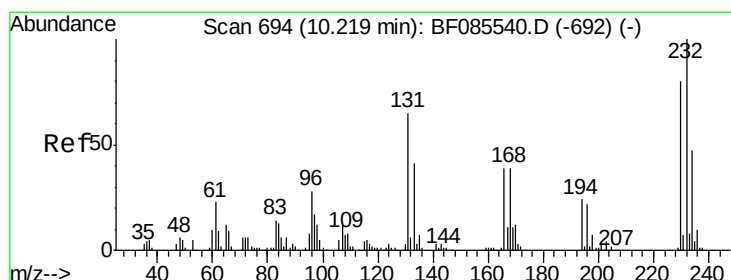
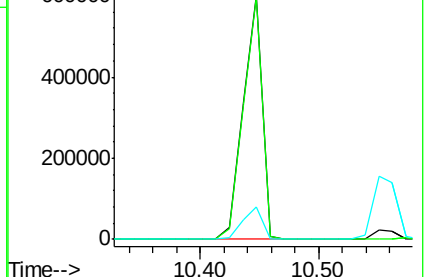
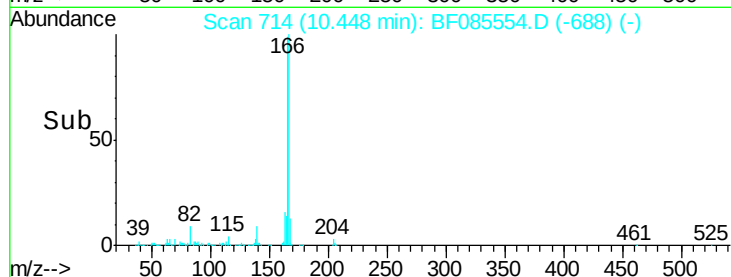
167 13.3 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.05 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Tgt Ion:232 Resp: 169646

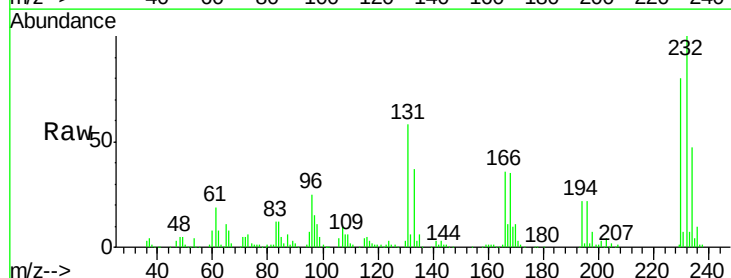
Ion Ratio Lower Upper

232 100

131 55.3 44.9 67.3

130 2.7 2.3 3.5

166 33.3 28.1 42.1

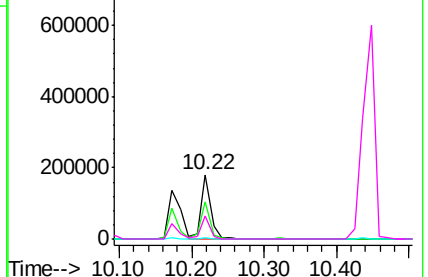
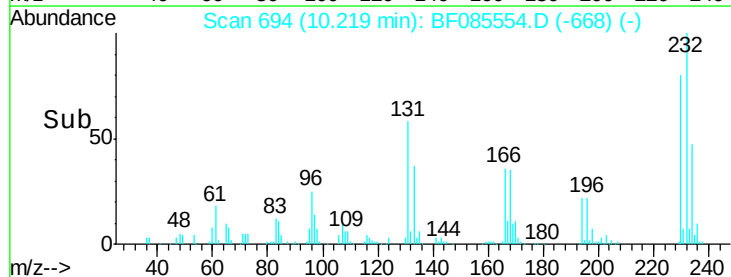


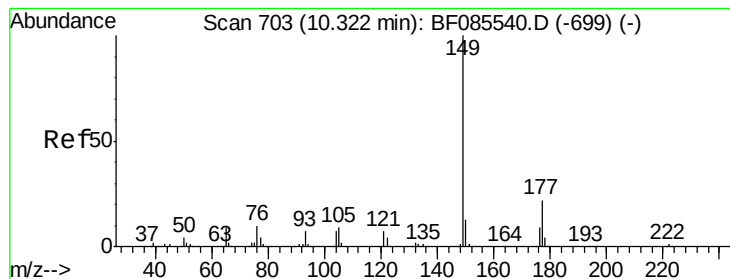
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.49 ng

RT: 10.32 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

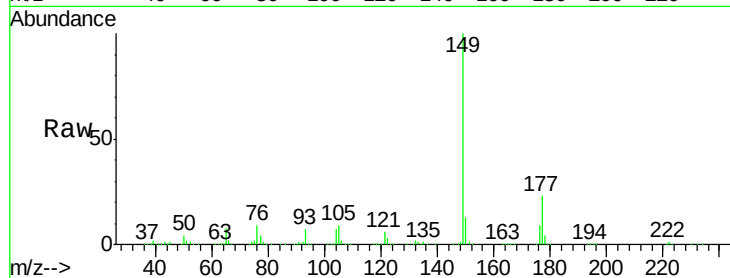
Tgt Ion:149 Resp: 735467

Ion Ratio Lower Upper

149 100

177 22.8 17.9 26.9

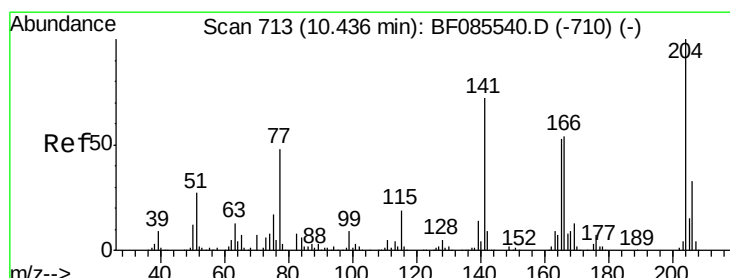
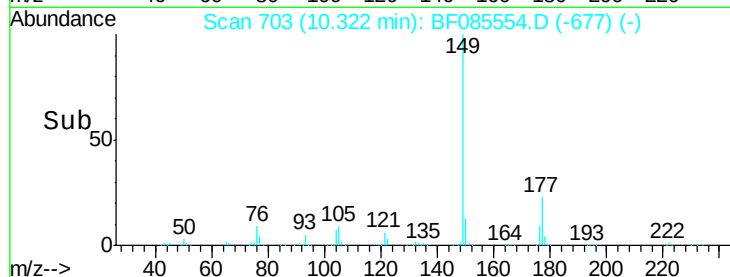
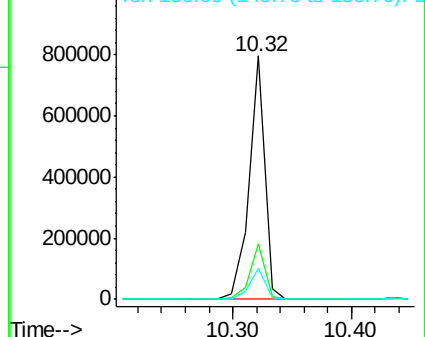
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.34 ng

RT: 10.44 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

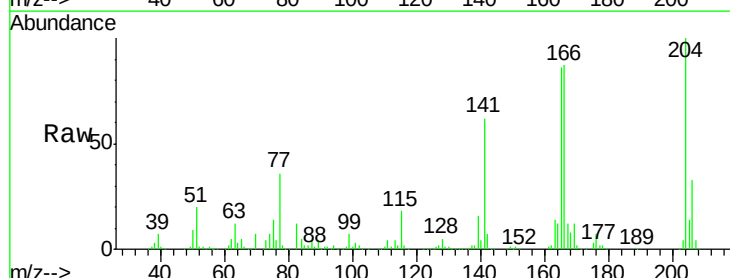
Tgt Ion:204 Resp: 317451

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

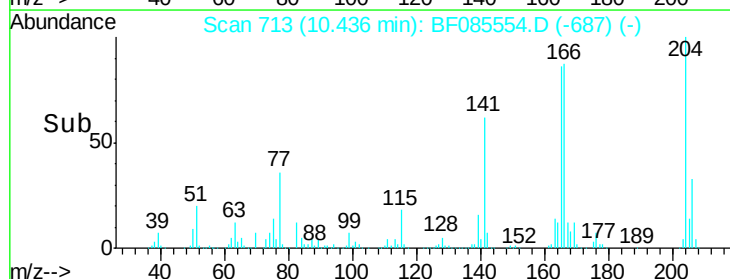
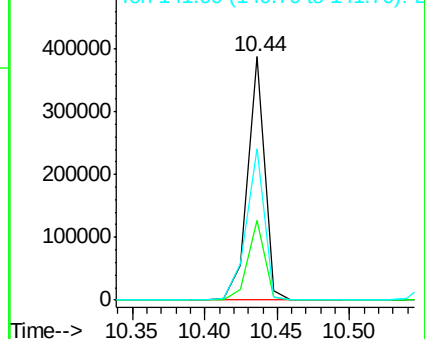
141 62.5 57.4 86.0

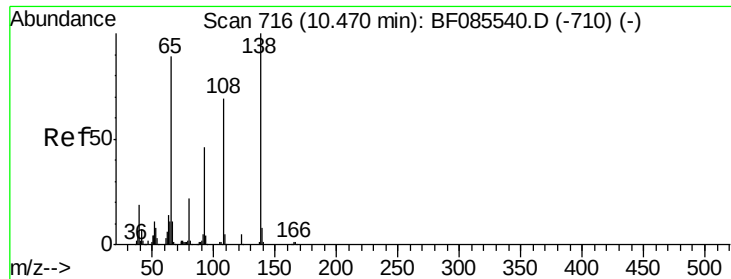


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.08 ng

RT: 10.47 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

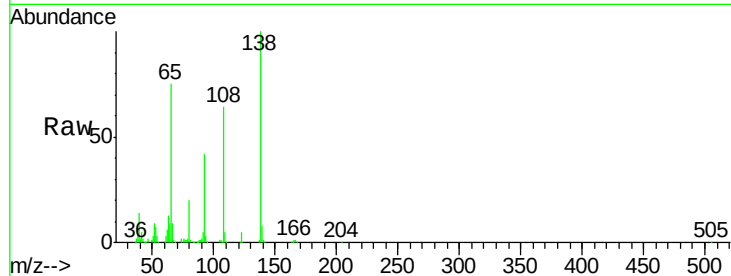
Tgt Ion:138 Resp: 200376

Ion Ratio Lower Upper

138 100

92 41.7 26.4 66.4

108 64.5 49.0 89.0

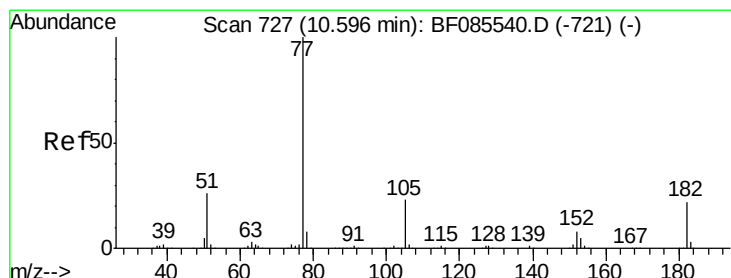
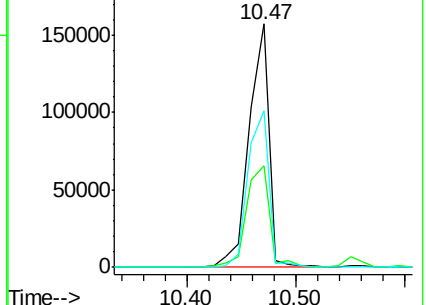
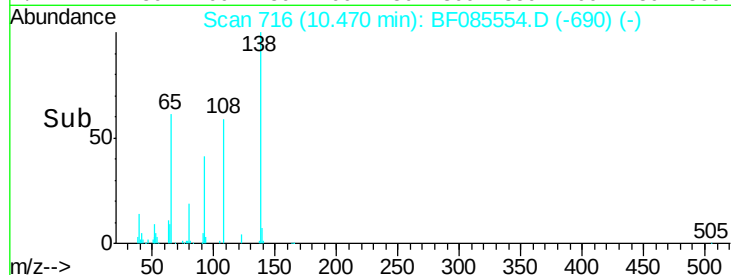


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



#62

Azobenzene

Concen: 45.59 ng

RT: 10.60 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Tgt Ion: 77 Resp: 794589

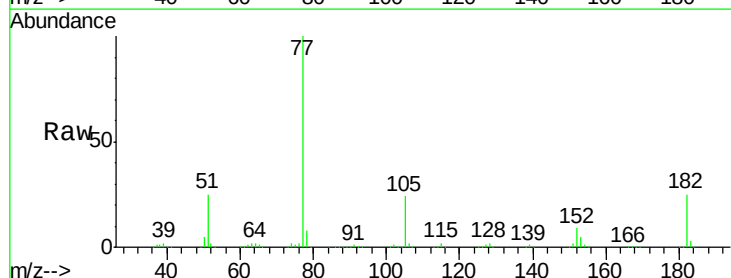
Ion Ratio Lower Upper

77 100

182 25.3 1.9 41.9

105 24.1 3.5 43.5

51 25.2 6.3 46.3



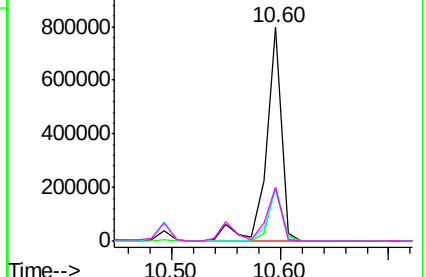
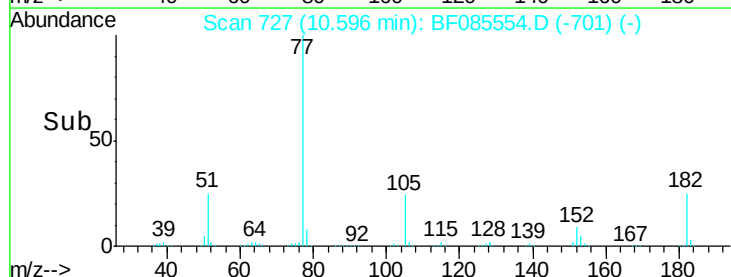
Abundance Ion 77.00 (76.70 to 77.70): BF0

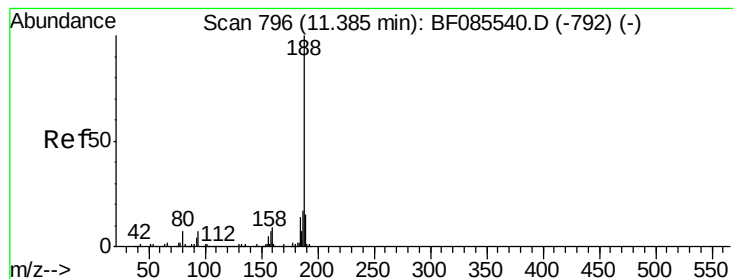
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

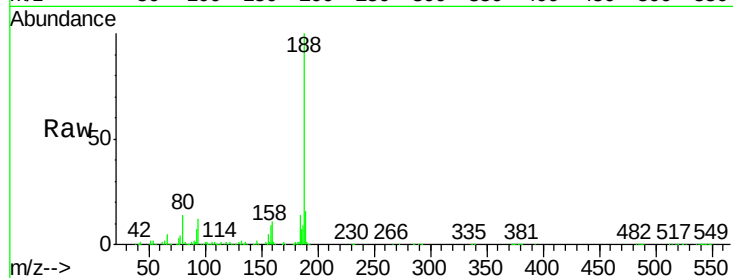
Tgt Ion:188 Resp: 436226

Ion Ratio Lower Upper

188 100

94 12.3 5.4 8.0#

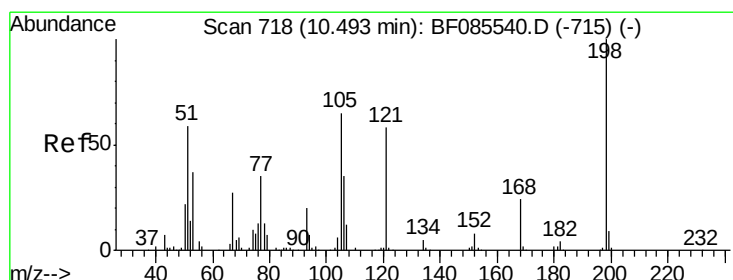
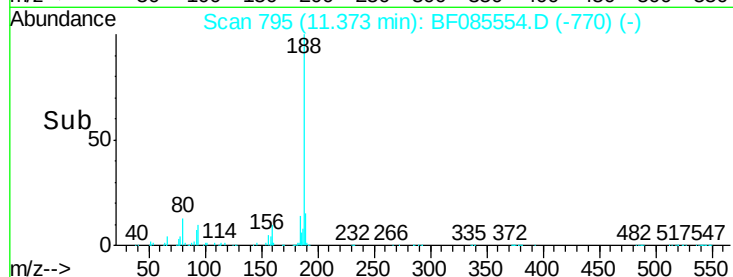
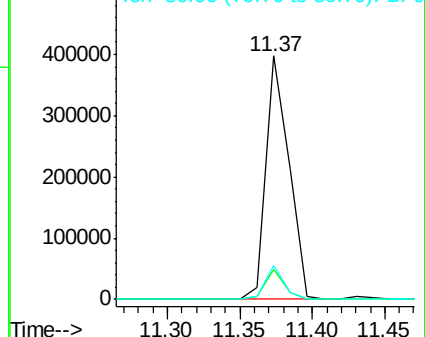
80 13.6 5.5 8.3#



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: 41.97 ng

RT: 10.49 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

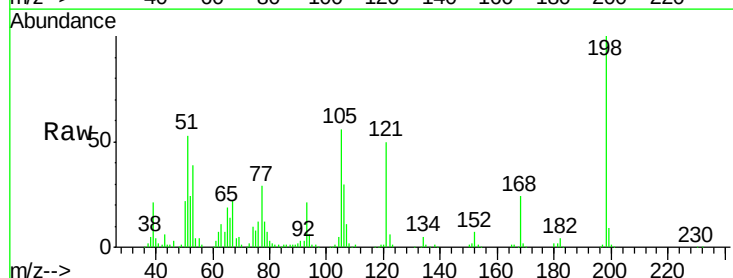
Tgt Ion:198 Resp: 117150

Ion Ratio Lower Upper

198 100

51 52.8 45.4 85.4

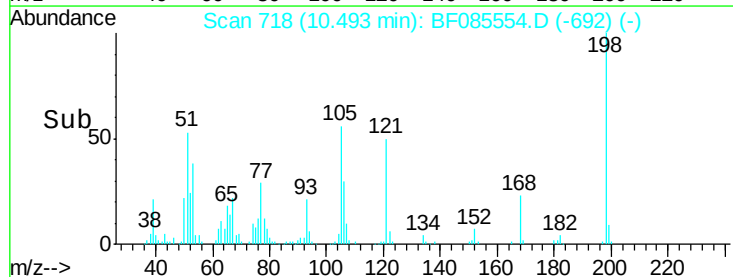
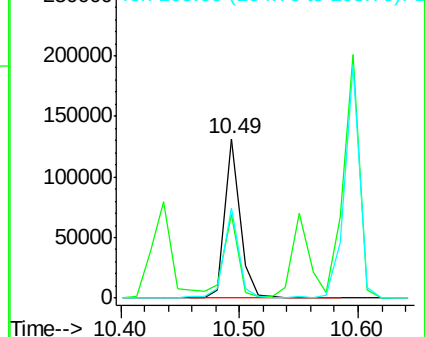
105 56.4 45.9 85.9

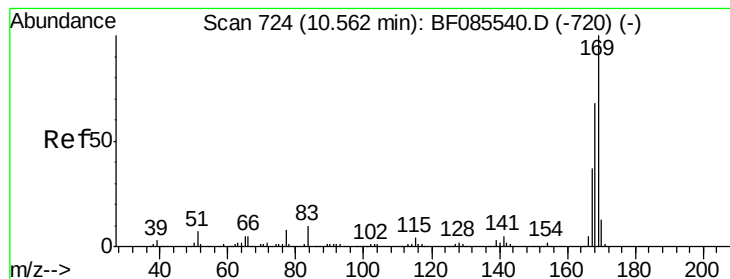


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.94 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

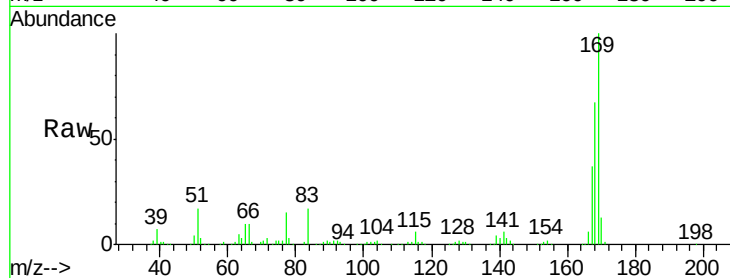
Tgt Ion:169 Resp: 583464

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

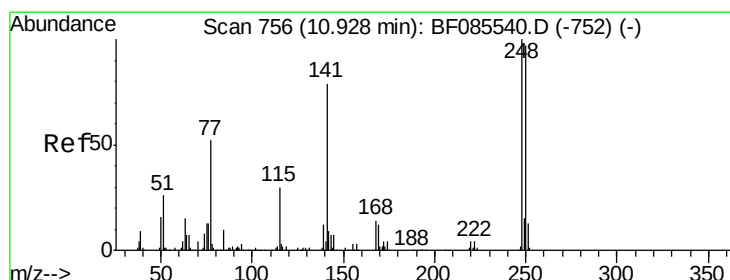
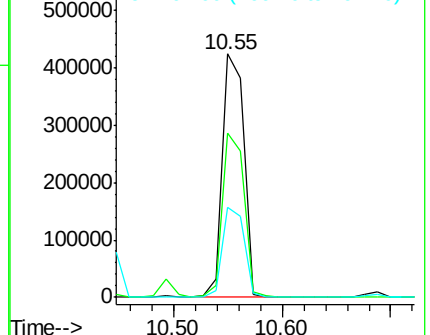
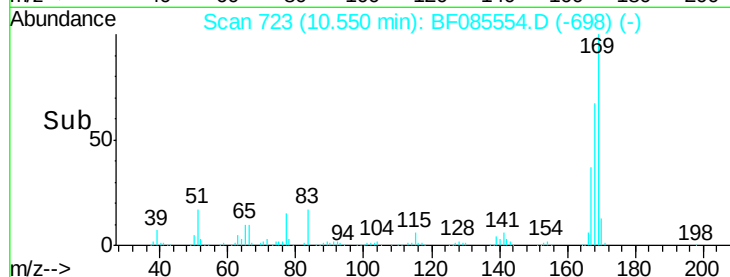
167 36.9 29.4 44.0



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: 44.77 ng

RT: 10.93 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

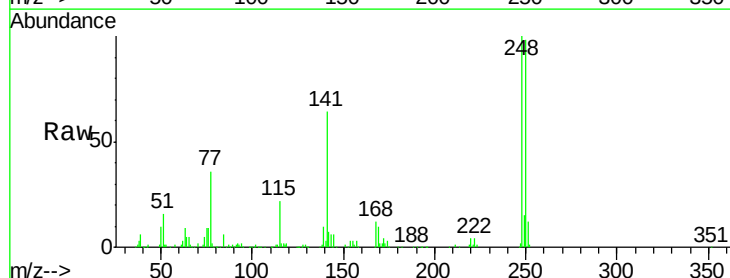
Tgt Ion:248 Resp: 195106

Ion Ratio Lower Upper

248 100

250 97.7 77.4 116.0

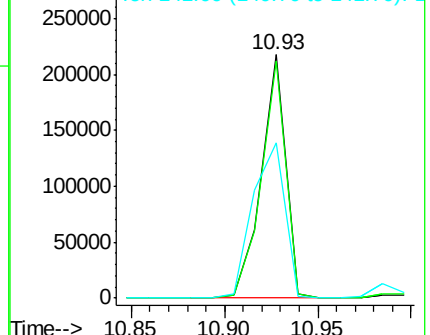
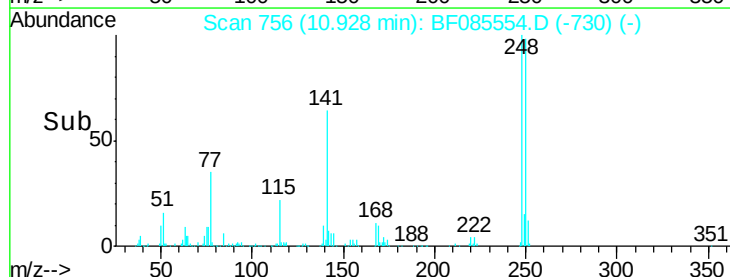
141 63.6 63.6 95.4#

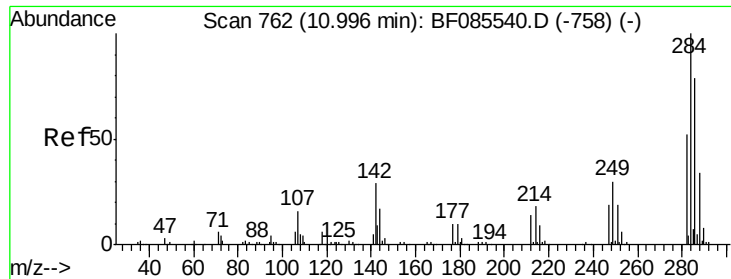


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

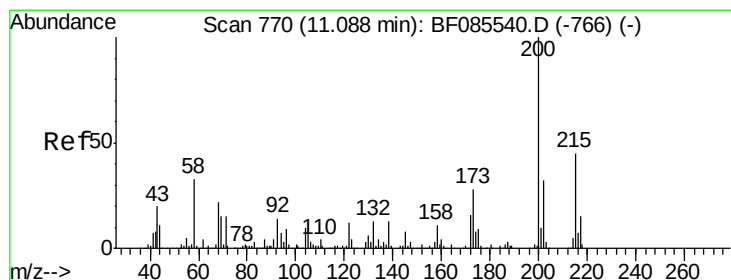
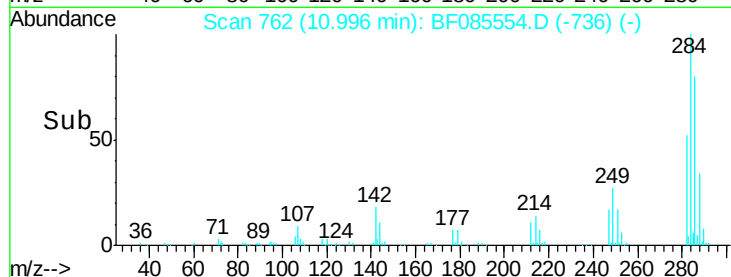
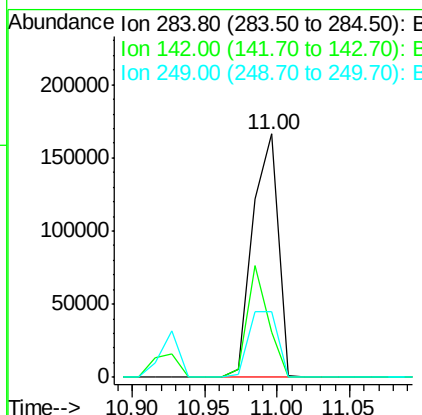
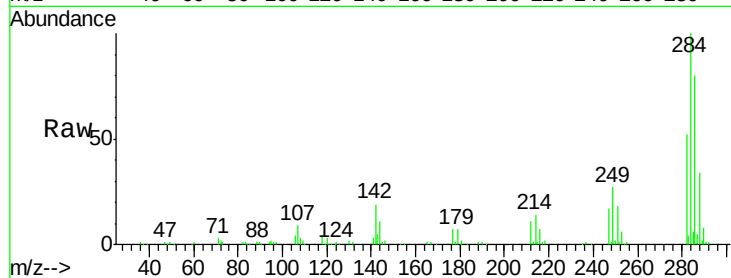




#67
Hexachlorobenzene
Concen: 43.81 ng
RT: 11.00 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

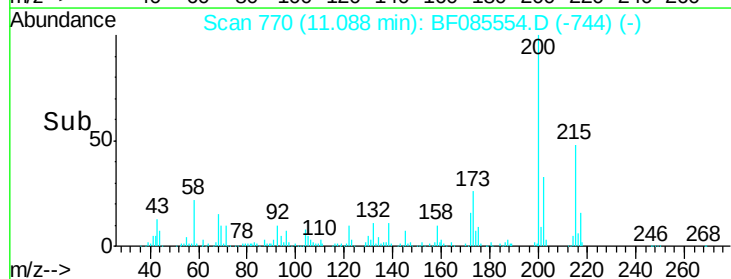
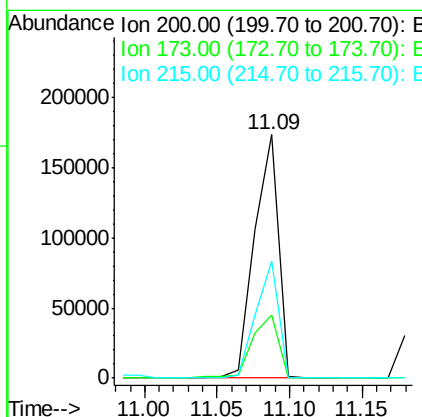
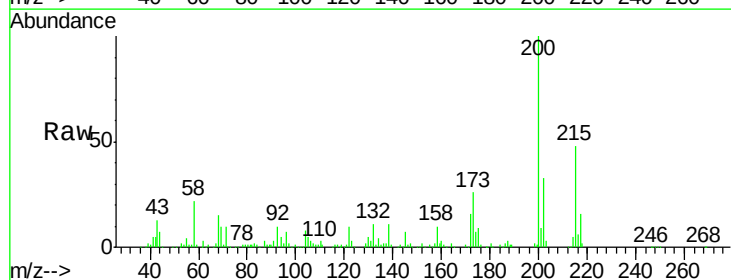
Instrument :
BNA_F
ClientSampleId :
PB89025BS

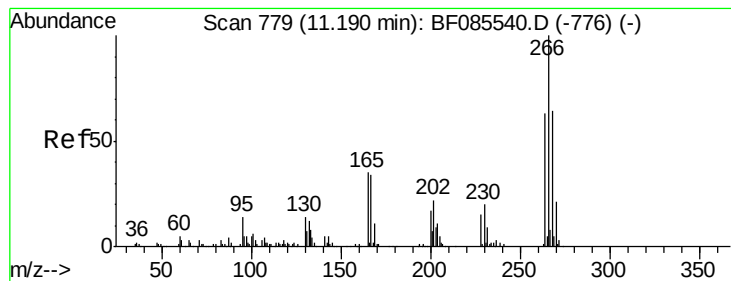
Tgt Ion	Ratio	Lower	Upper
284	100		
142	18.7	23.1	34.7#
249	26.9	24.2	36.2



#68
Atrazine
Concen: 47.84 ng
RT: 11.09 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.7	47.7
215	48.3	25.4	65.4





#69

Pentachlorophenol

Concen: 86.73 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

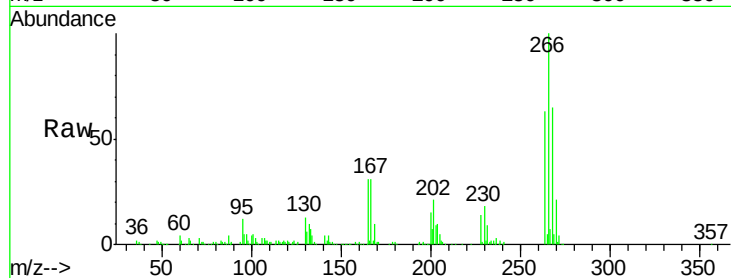
Tgt Ion:266 Resp: 243779

Ion Ratio Lower Upper

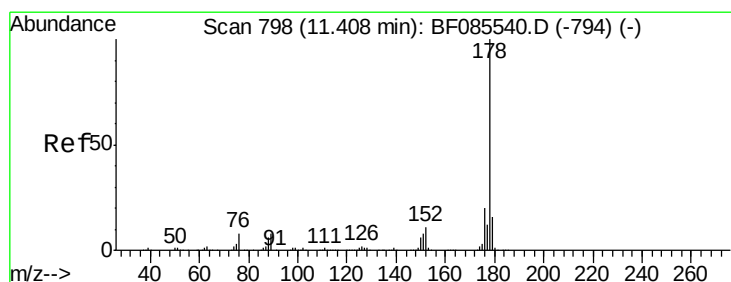
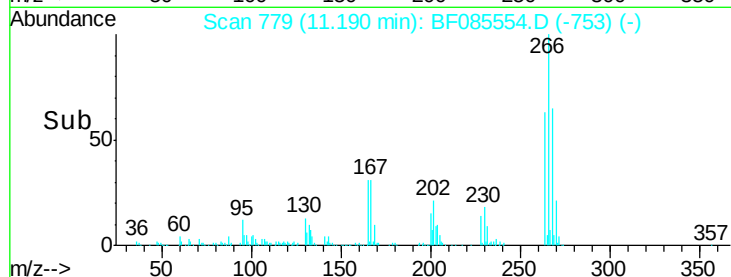
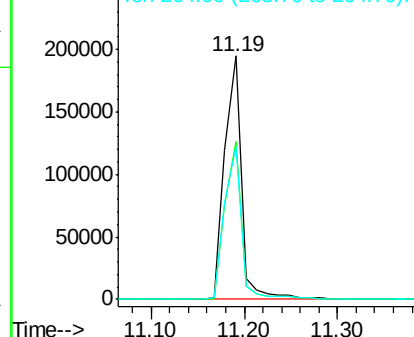
266 100

268 65.0 51.5 77.3

264 62.9 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: 45.85 ng

RT: 11.41 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

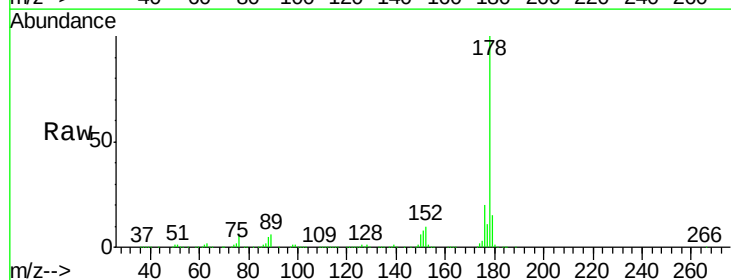
Tgt Ion:178 Resp: 1054616

Ion Ratio Lower Upper

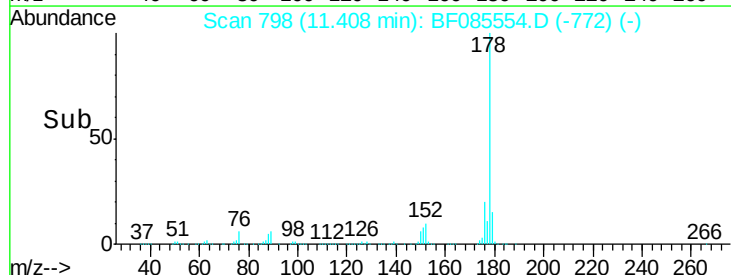
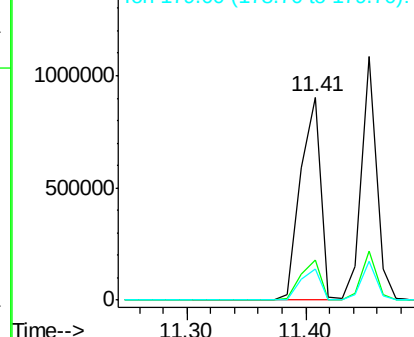
178 100

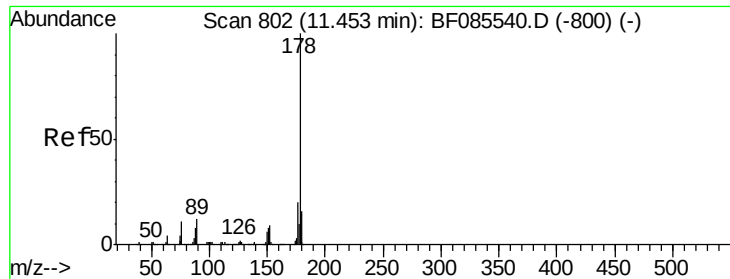
176 20.0 16.3 24.5

179 15.3 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: 39.51 ng

RT: 11.45 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

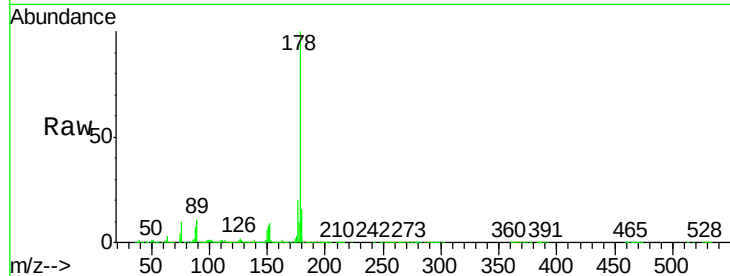
Tgt Ion:178 Resp: 952837

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

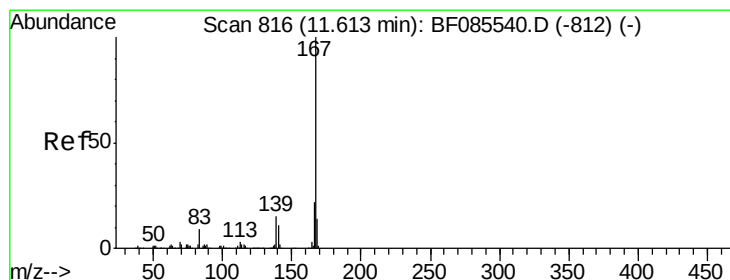
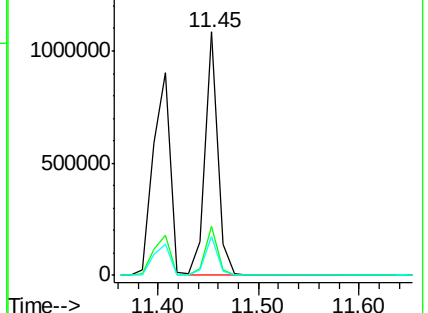
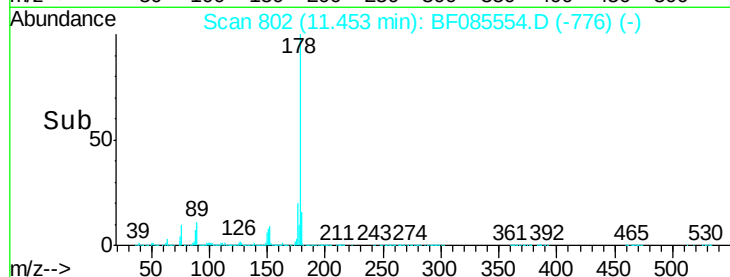
179 16.2 13.0 19.4



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: 45.41 ng

RT: 11.61 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

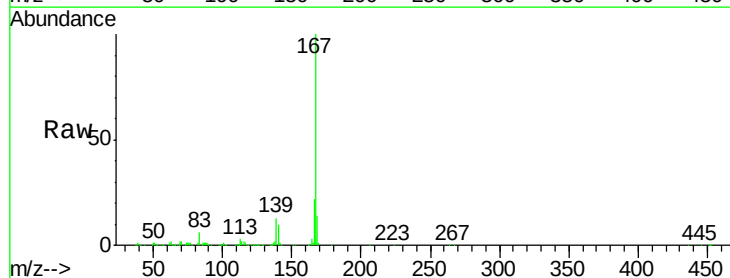
Tgt Ion:167 Resp: 944821

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

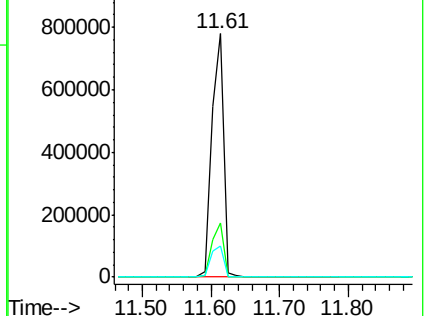
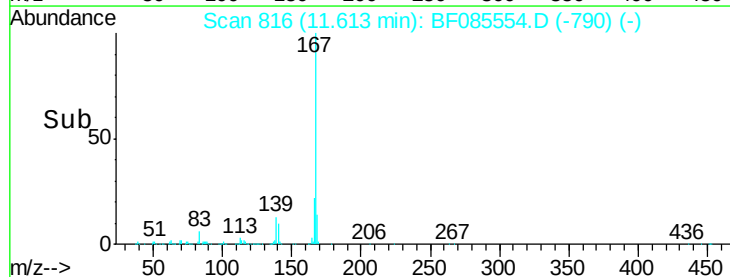
139 12.8 11.6 17.4

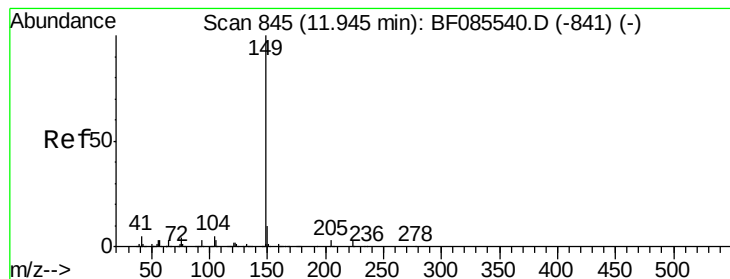


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.74 ng

RT: 11.94 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

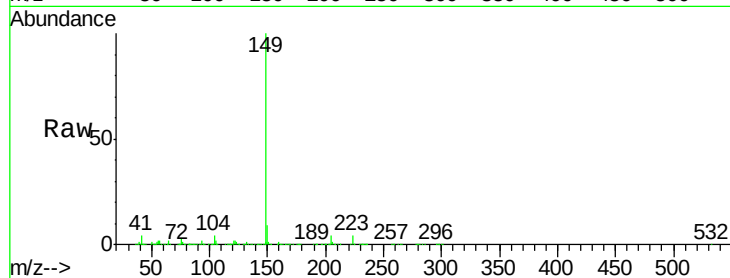
Tgt Ion:149 Resp: 1165782

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

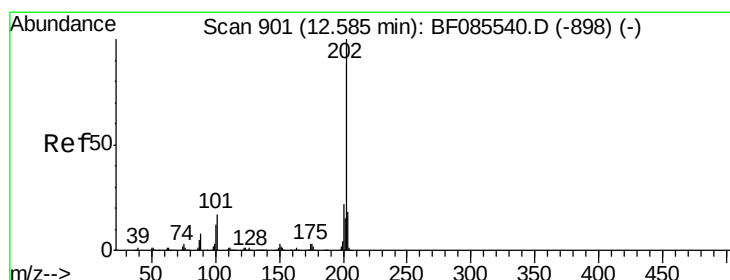
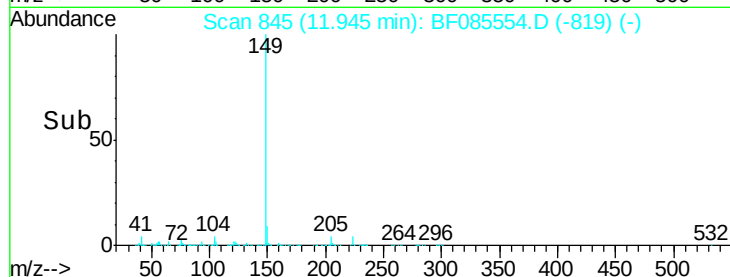
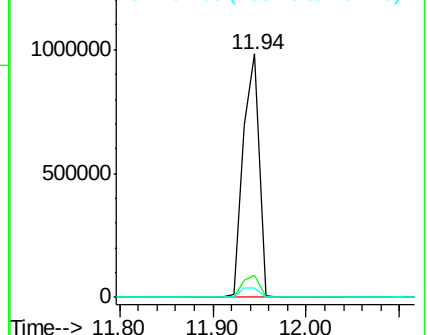
104 4.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.68 ng

RT: 12.58 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

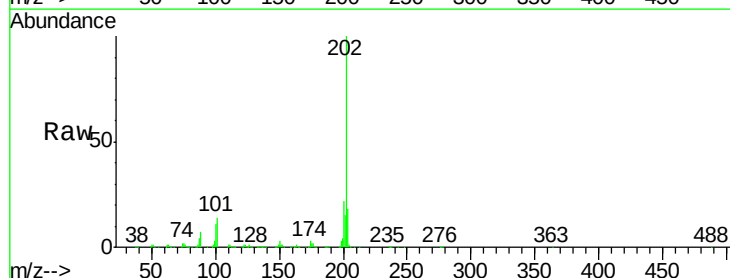
Tgt Ion:202 Resp: 955609

Ion Ratio Lower Upper

202 100

101 14.1 0.0 36.6

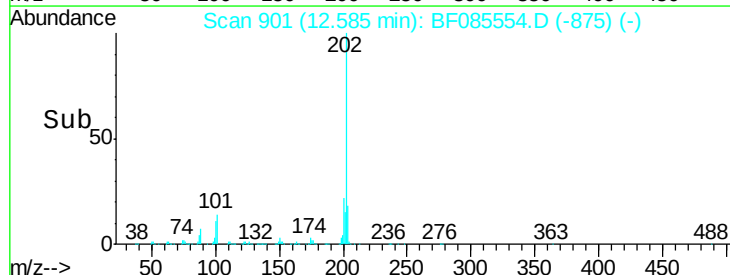
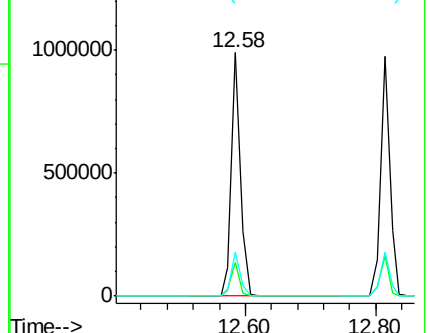
203 18.3 0.0 38.1

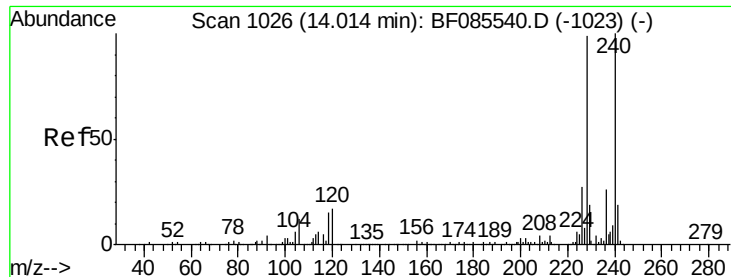


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

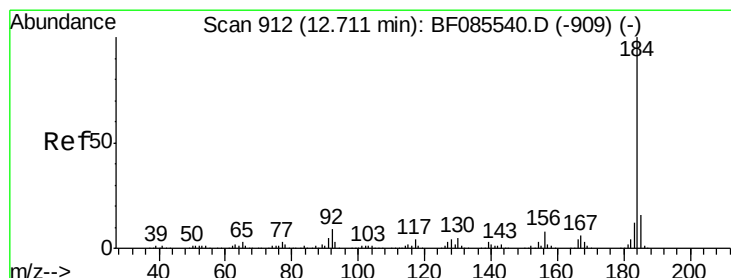
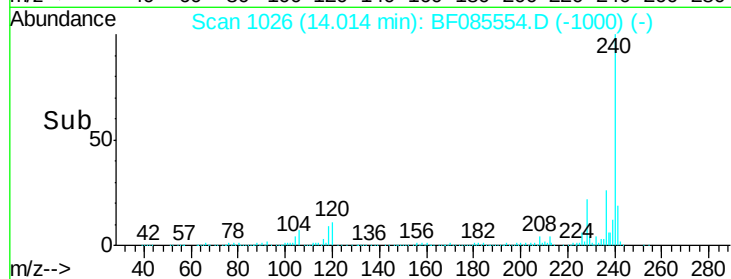
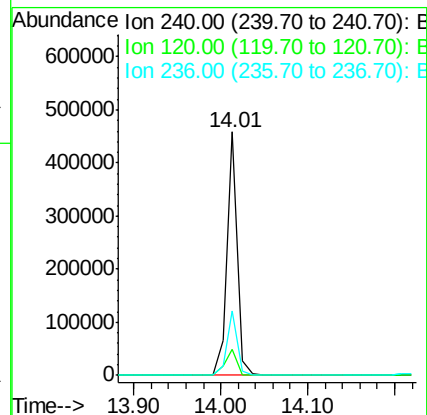
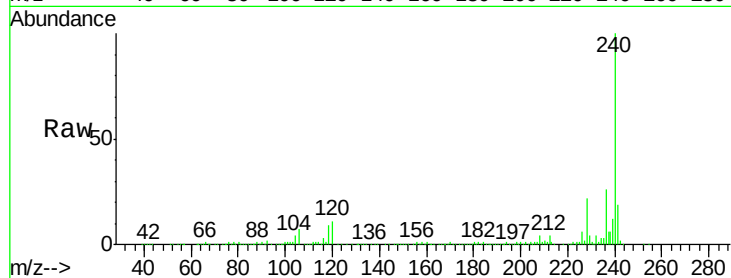
Tgt Ion:240 Resp: 385238

Ion Ratio Lower Upper

240 100

120 10.6 13.8 20.8#

236 26.3 20.6 30.8



#76

Benzidine

Concen: 32.44 ng

RT: 12.71 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

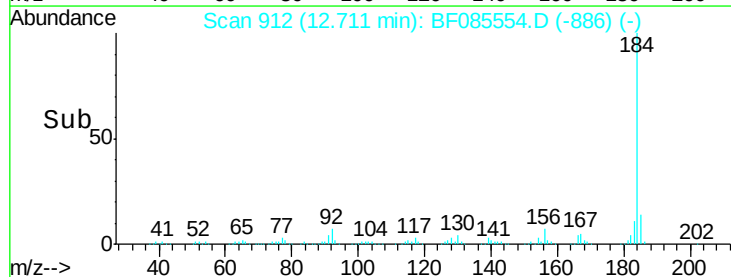
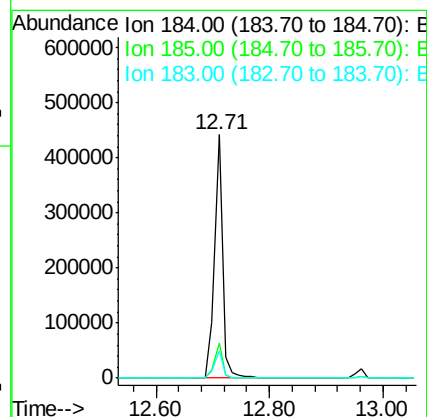
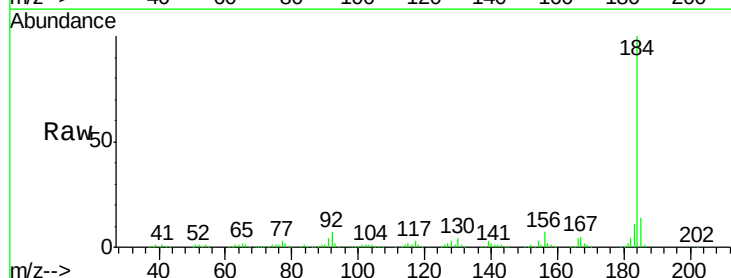
Tgt Ion:184 Resp: 420235

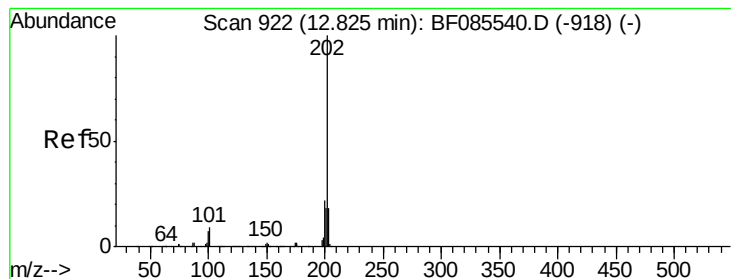
Ion Ratio Lower Upper

184 100

185 14.4 12.4 18.6

183 11.5 9.4 14.2





#77

Pyrene

Concen: 34.83 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

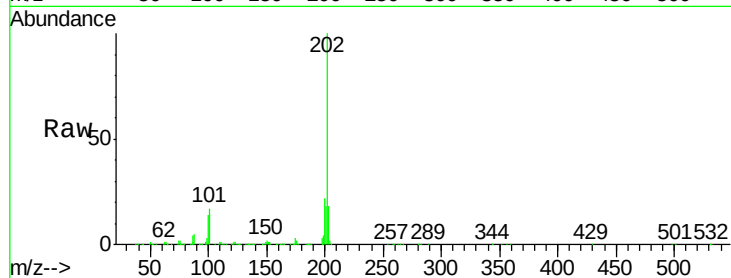
Tgt Ion:202 Resp: 963353

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

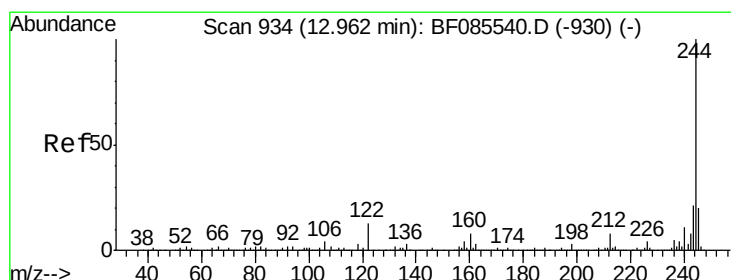
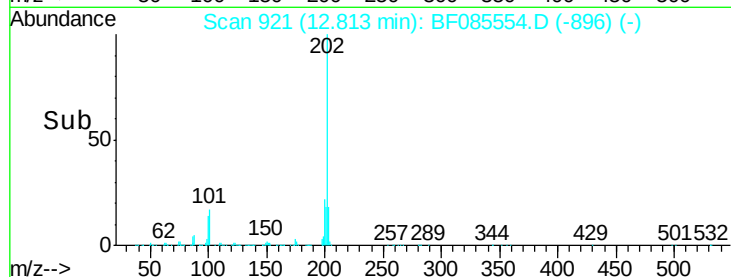
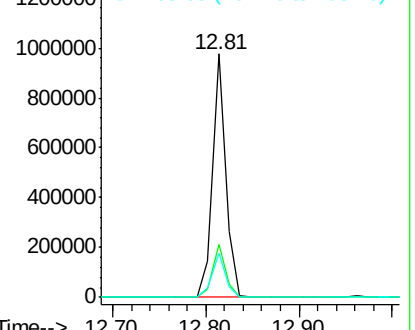
203 18.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.49 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

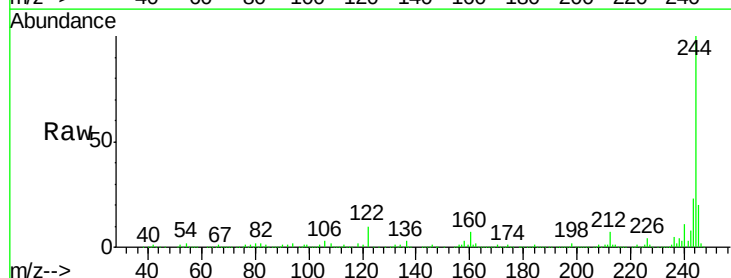
Tgt Ion:244 Resp: 1208464

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

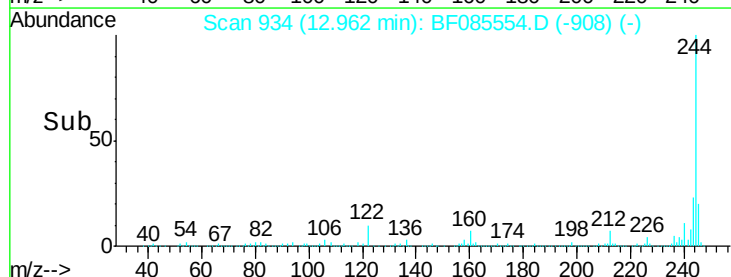
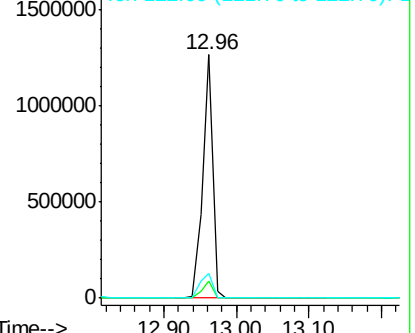
122 10.4 10.2 15.4

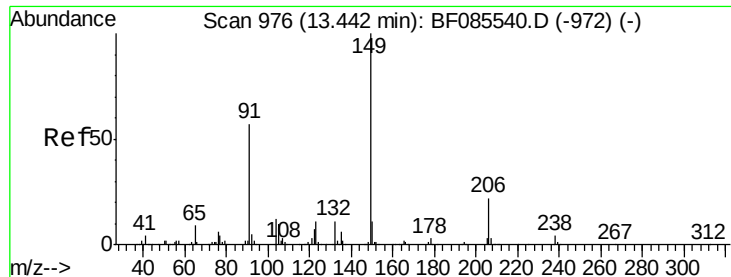


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.45 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

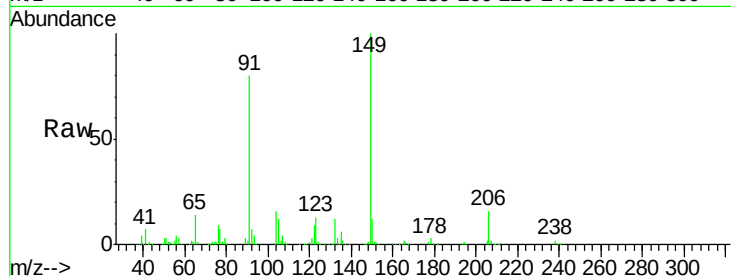
PB89025BS

Tgt Ion:149 Resp: 467457
Ion Ratio Lower Upper

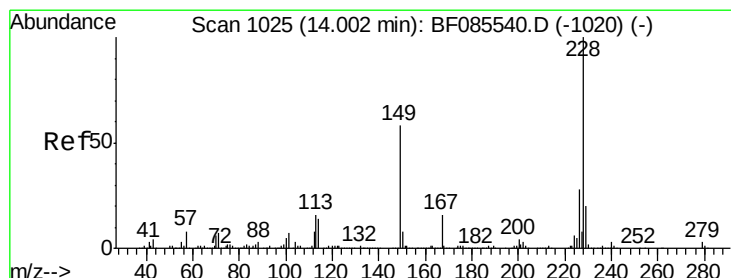
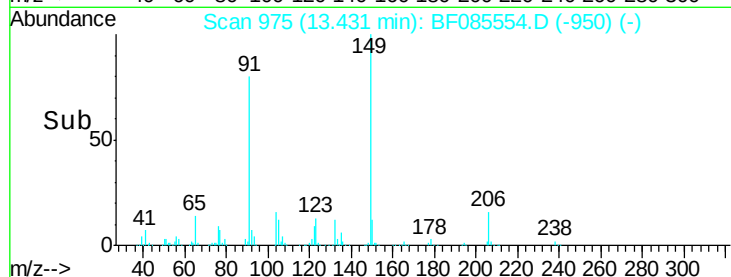
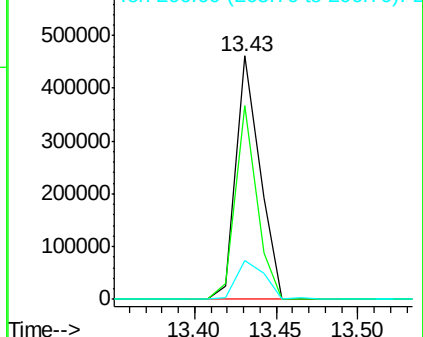
149 100

91 79.6 45.8 68.8#

206 15.9 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: 39.26 ng

RT: 14.00 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF085554.D

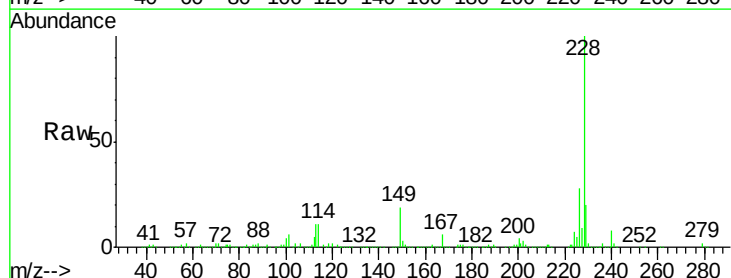
Acq: 19 Mar 2016 5:12

Tgt Ion:228 Resp: 878103
Ion Ratio Lower Upper

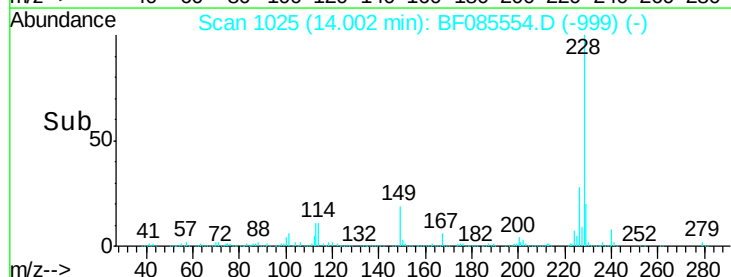
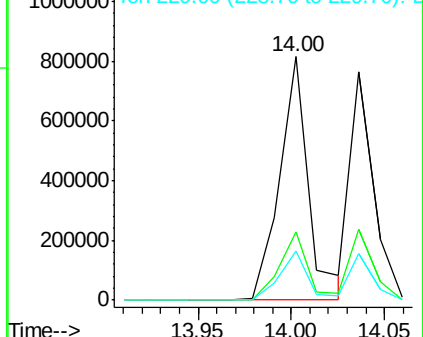
228 100

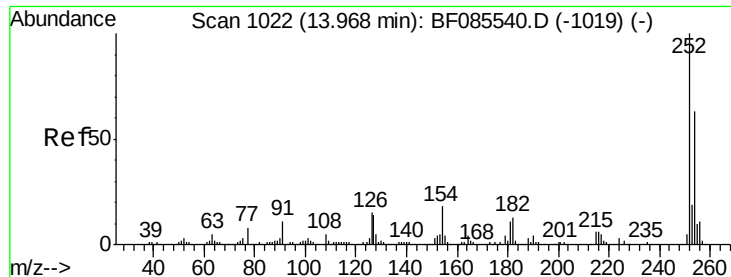
226 27.9 22.1 33.1

229 19.9 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

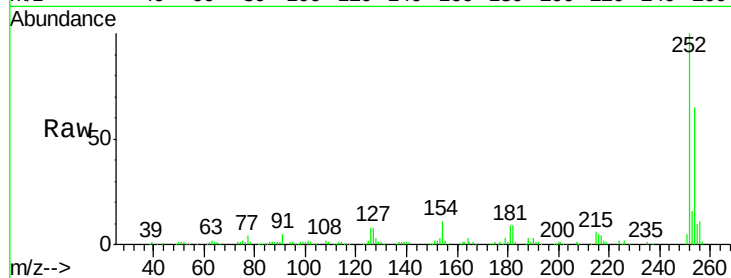




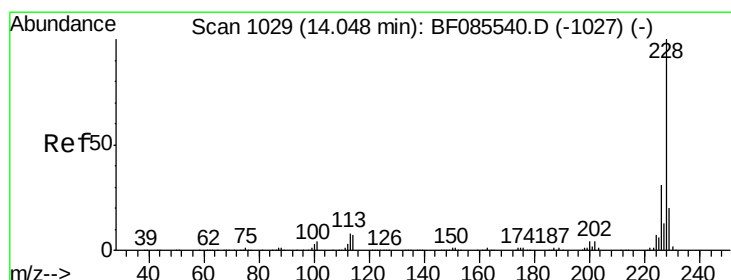
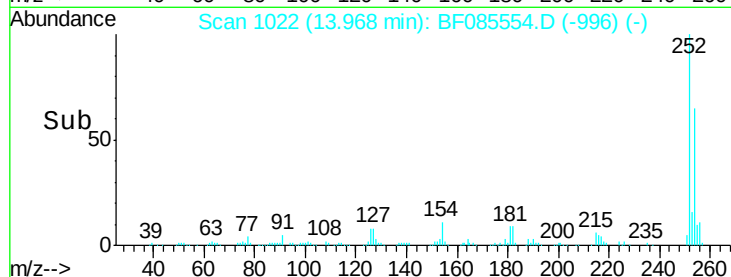
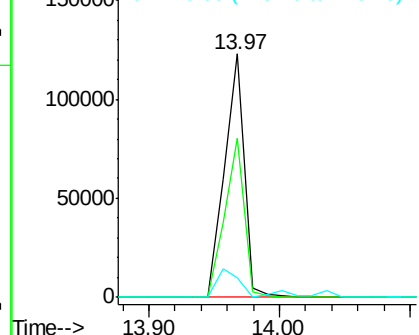
#81
 3,3'-Dichlorobenzidine
 Concen: 15.90 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

Tgt Ion: 252 Resp: 130329
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.7 76.1
 126 8.2 11.8 17.6#

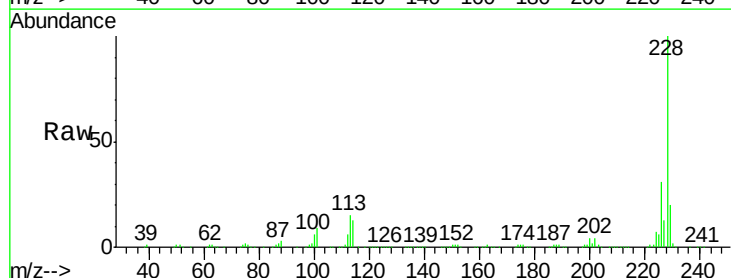


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

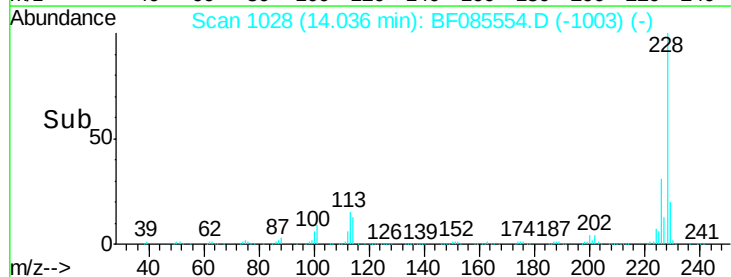
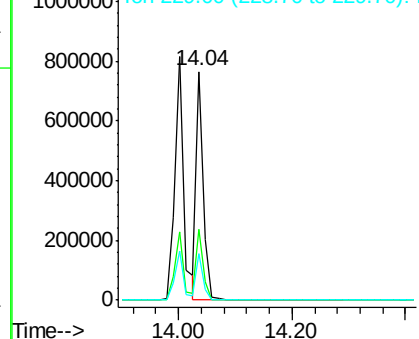


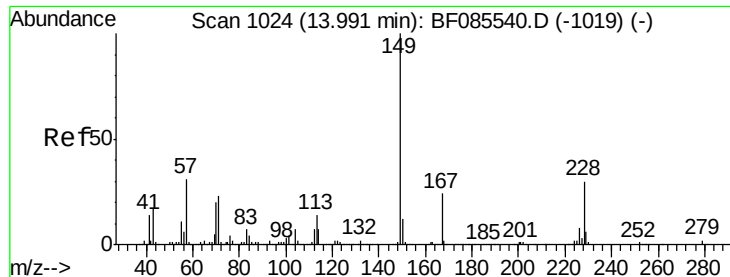
#82
 Chrysene
 Concen: 31.87 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion: 228 Resp: 685746
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.1 15.7 23.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.56 ng

RT: 13.99 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

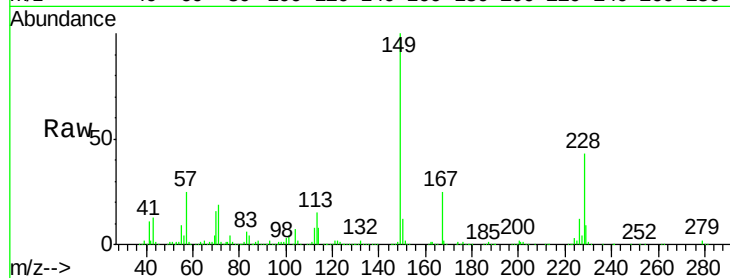
Tgt Ion:149 Resp: 582533

Ion Ratio Lower Upper

149 100

167 25.3 19.4 29.2

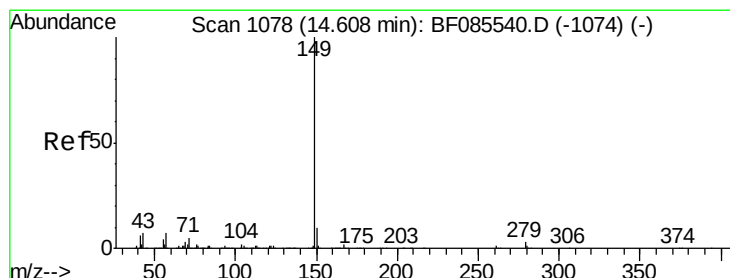
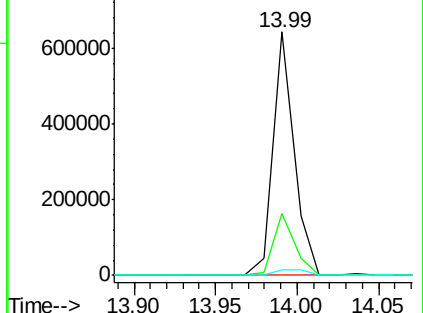
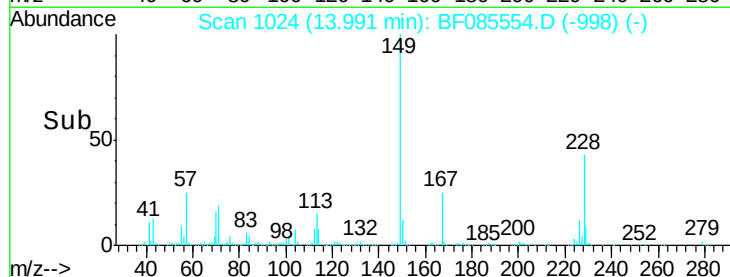
279 2.5 1.5 2.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.95 ng

RT: 14.61 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

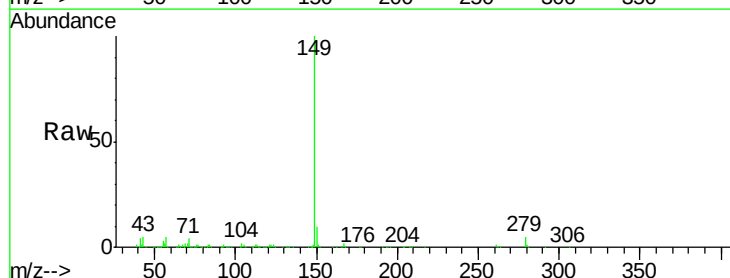
Tgt Ion:149 Resp: 1039606

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

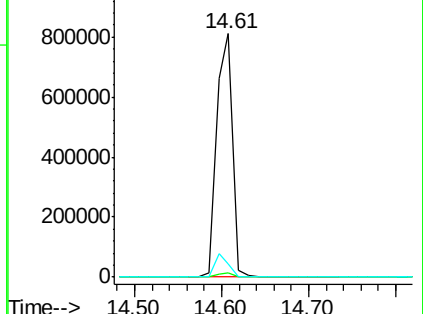
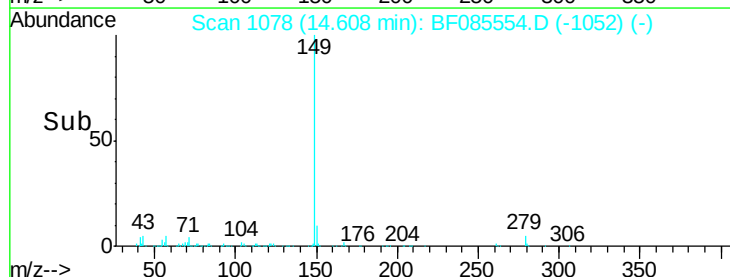
43 8.2 7.1 10.7

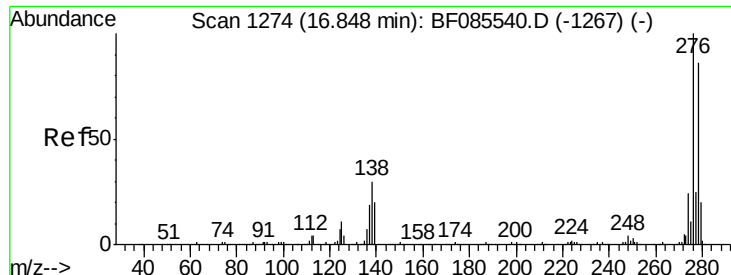


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

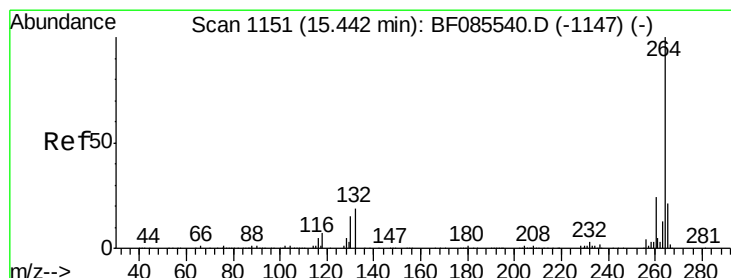
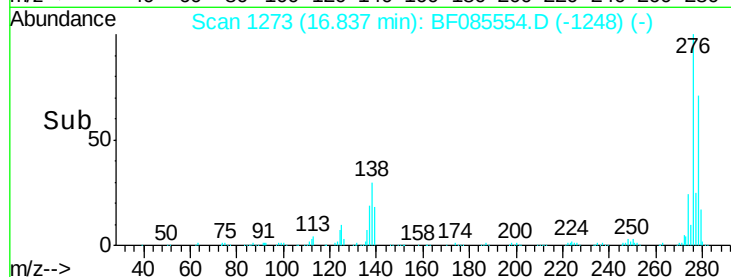
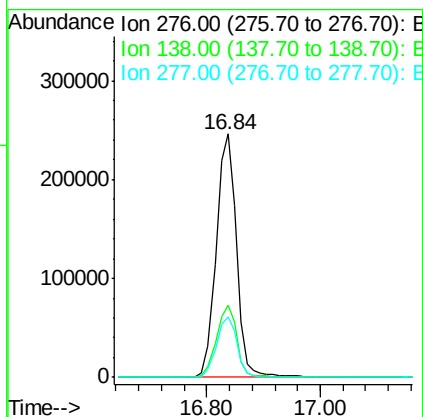
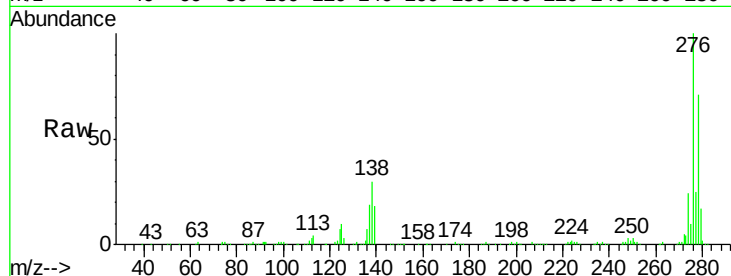




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.82 ng
 RT: 16.84 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

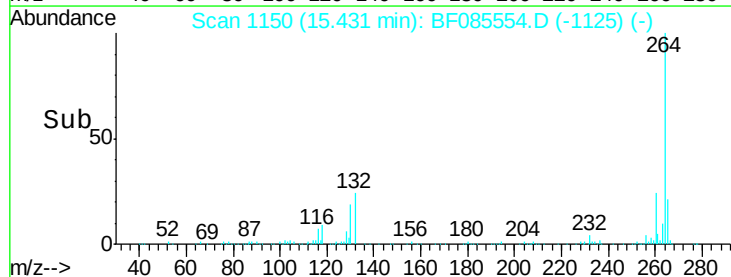
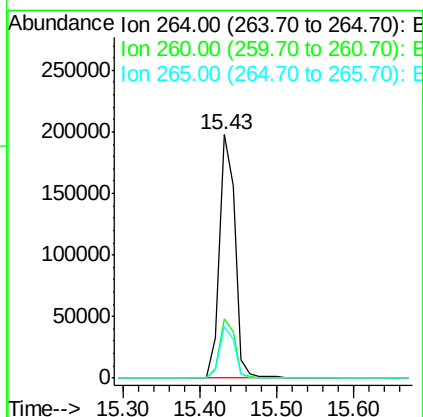
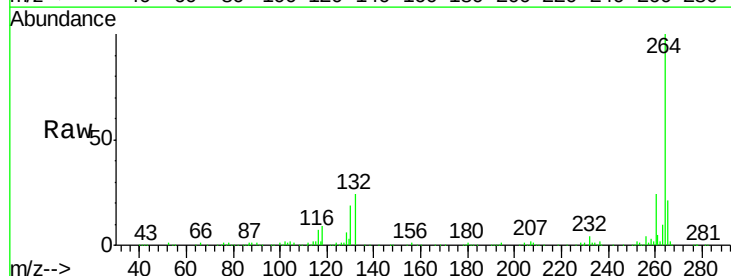
Instrument :
 BNA_F
 ClientSampleId :
 PB89025BS

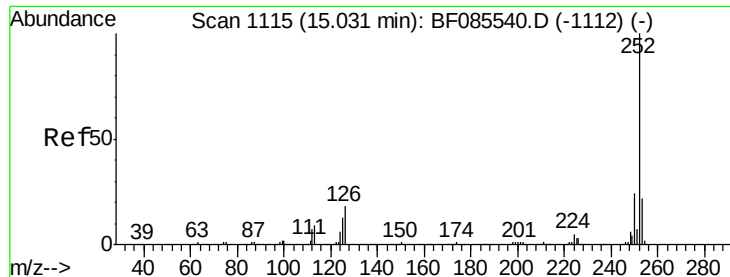
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	24.2	36.4
277	25.3	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085554.D
 Acq: 19 Mar 2016 5:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.1	17.2	25.8

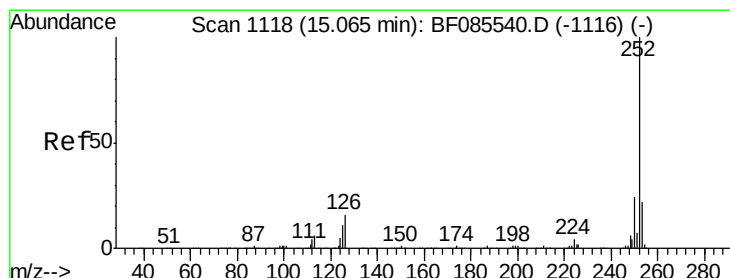
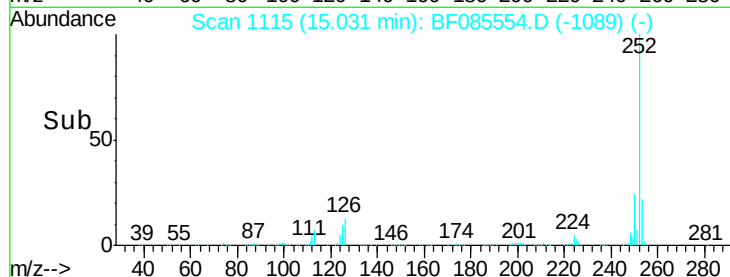
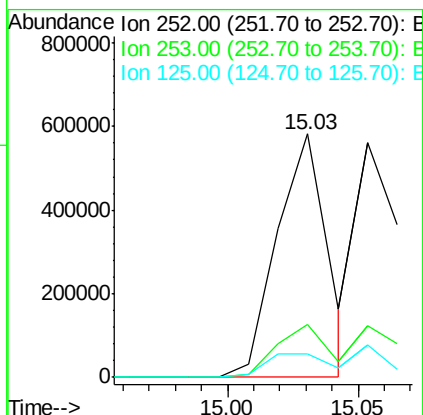
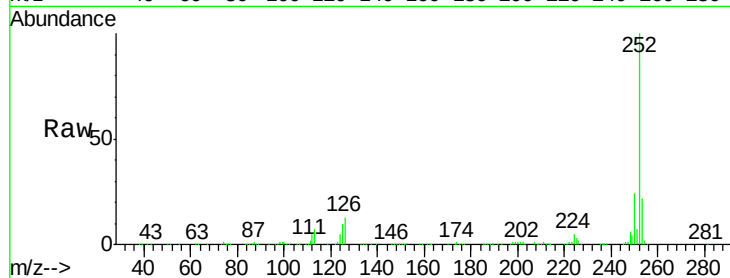




#87
Benzo(b)fluoranthene
Concen: 42.19 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

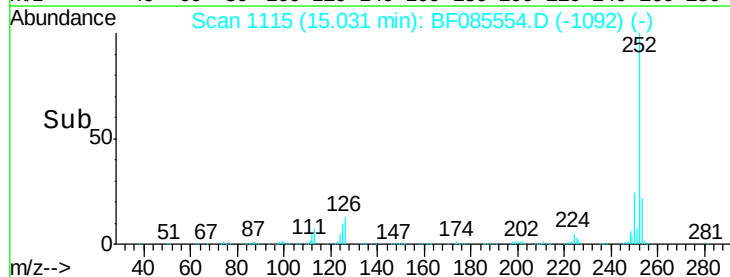
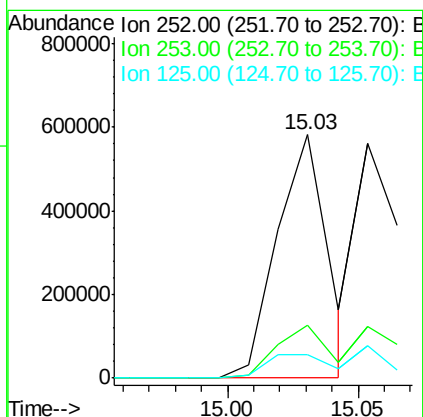
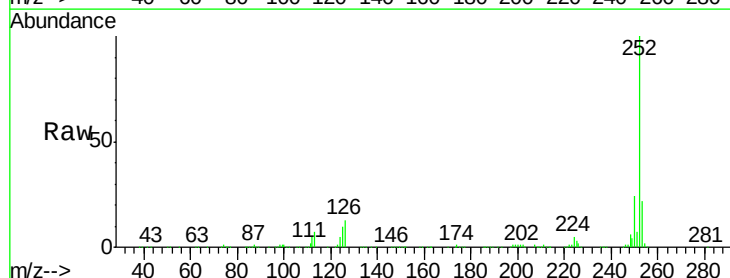
Instrument :
BNA_F
ClientSampleId :
PB89025BS

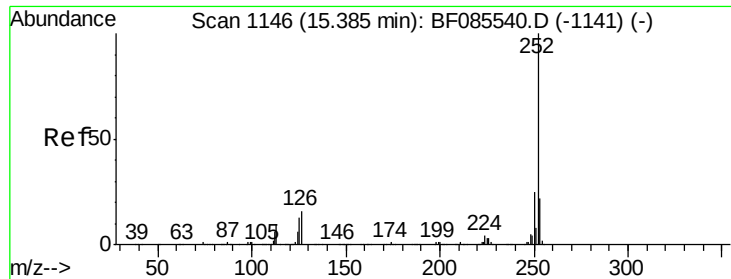
Tgt Ion: 252 Resp: 777993
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.8 10.3 15.5#



#88
Benzo(k)fluoranthene
Concen: 51.21 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085554.D
Acq: 19 Mar 2016 5:12

Tgt Ion: 252 Resp: 777993
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 9.8 7.7 11.5





#89

Benzo(a)pyrene

Concen: 42.89 ng

RT: 15.37 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

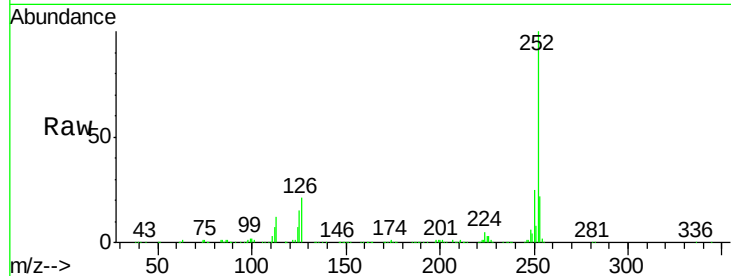
Tgt Ion: 252 Resp: 670540

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

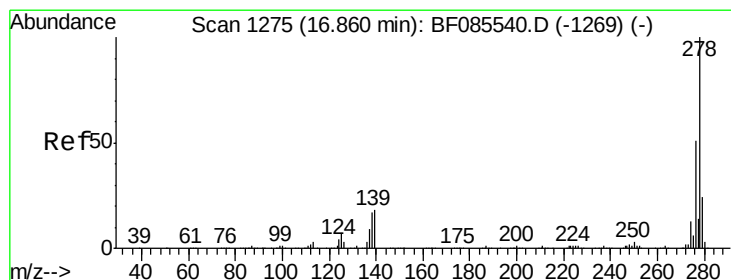
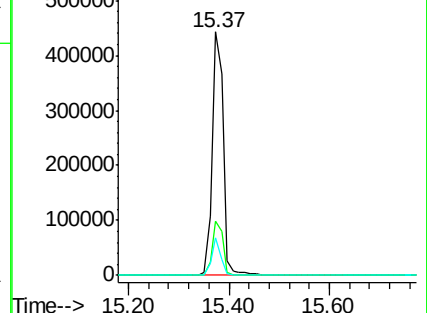
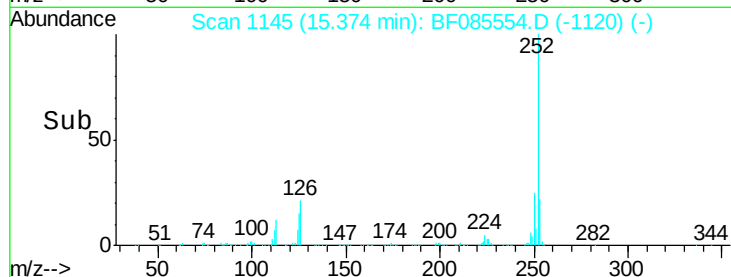
125 15.3 10.3 15.5



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: 39.40 ng

RT: 16.85 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

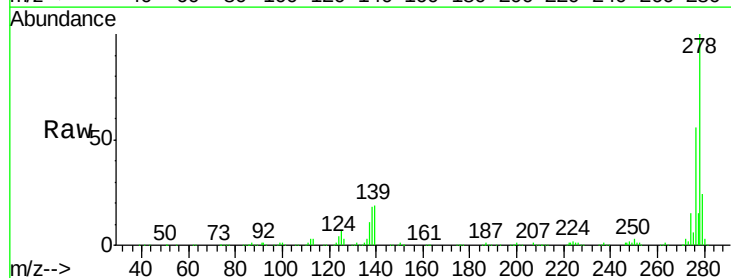
Tgt Ion: 278 Resp: 513779

Ion Ratio Lower Upper

278 100

139 18.9 14.4 21.6

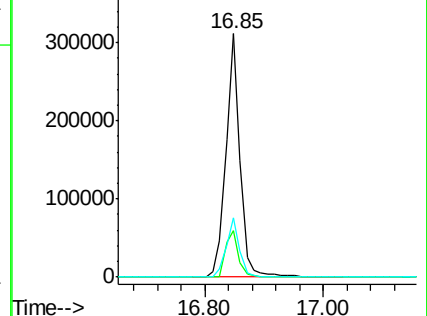
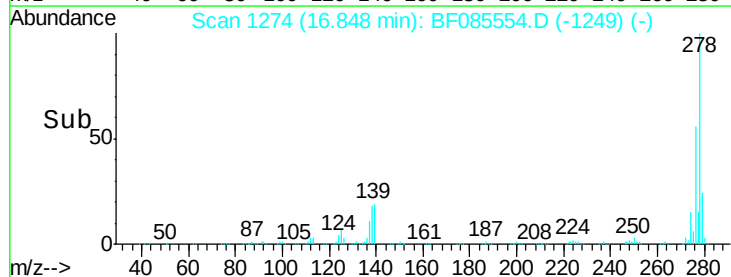
279 24.4 19.1 28.7

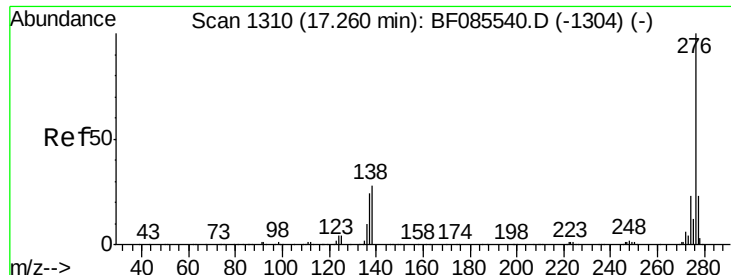


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.15 ng

RT: 17.26 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF085554.D

Acq: 19 Mar 2016 5:12

Instrument :

BNA_F

ClientSampleId :

PB89025BS

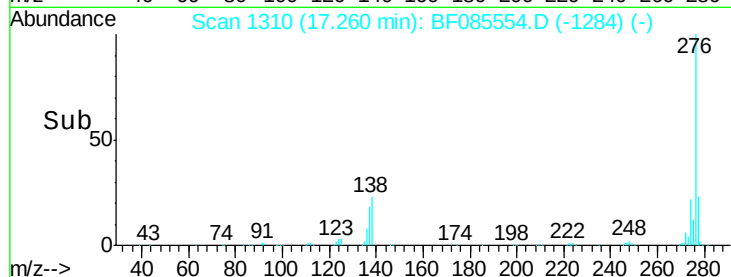
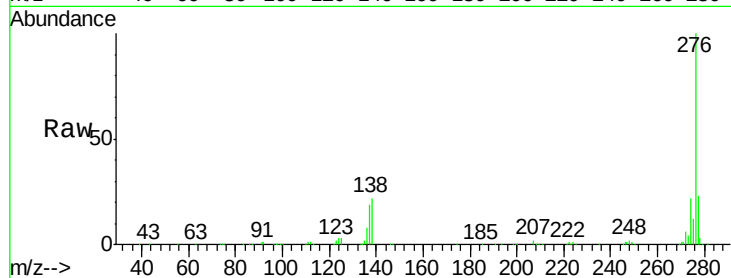
Tgt Ion: 276 Resp: 494148

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 22.5 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

