

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085377.D
 Acq On : 11 Mar 2016 17:36
 Operator : UM/SJ
 Sample : PB88818BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Quant Time: Mar 11 21:59:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	174670	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	681258	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	295908	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	515394	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	288112	20.00	ng	-0.05
86) Perylene-d12	15.57	264	281304	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1310199	125.82	ng	-0.02
7) Phenol-d6	6.57	99	1637972	120.06	ng	-0.03
23) Nitrobenzene-d5	7.50	82	987710	77.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.78	330	352918	139.38	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1689123	86.81	ng	-0.05
78) Terphenyl-d14	13.05	244	1190987	95.96	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	162838	30.58	ng	99
3) Pyridine	3.48	79	436351	32.74	ng	97
4) n-Nitrosodimethylamine	3.42	42	216330	37.92	ng	99
6) Aniline	6.60	93	424732	22.21	ng	97
8) 2-Chlorophenol	6.72	128	484985	38.69	ng	98
9) Benzaldehyde	6.48	77	119851	15.27	ng	93
10) Phenol	6.58	94	625643	42.82	ng	93
11) bis(2-Chloroethyl)ether	6.68	93	473301	39.00	ng	95
12) 1,3-Dichlorobenzene	6.88	146	503338	37.40	ng	98
13) 1,4-Dichlorobenzene	6.95	146	477250	35.38	ng	98
14) 1,2-Dichlorobenzene	7.11	146	495476	40.48	ng	97
15) Benzyl Alcohol	7.08	79	391292	39.07	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.21	45	570424	32.61	ng	98
17) 2-Methylphenol	7.19	107	403599	39.45	ng	98
18) Hexachloroethane	7.45	117	192530	38.69	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	300439	33.79	ng	# 90
20) 3+4-Methylphenols	7.34	107	463348	38.24	ng	# 90
22) Acetophenone	7.35	105	626110	37.65	ng	# 97
24) Nitrobenzene	7.52	77	541602	41.88	ng	95
25) Isophorone	7.76	82	920660	39.02	ng	97
26) 2-Nitrophenol	7.84	139	262900	41.77	ng	94
27) 2,4-Dimethylphenol	7.88	122	488012	42.43	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	534407	40.67	ng	99
29) 2,4-Dichlorophenol	8.08	162	398884	43.00	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	390555	38.94	ng	99
31) Naphthalene	8.24	128	1272172	37.98	ng	99
32) Benzoic acid	7.99	122	309422	40.50	ng	98
33) 4-Chloroaniline	8.29	127	153401	11.32	ng	96
34) Hexachlorobutadiene	8.37	225	213468	40.91	ng	100
35) Caprolactam	8.66	113	85455	28.21	ng	93
36) 4-Chloro-3-methylphenol	8.78	107	439565	41.77	ng	90
37) 2-Methylnaphthalene	8.94	142	919116	42.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	349580	41.31	ng	98
40) Hexachlorocyclopentadiene	9.09	237	372265	81.56	ng	99

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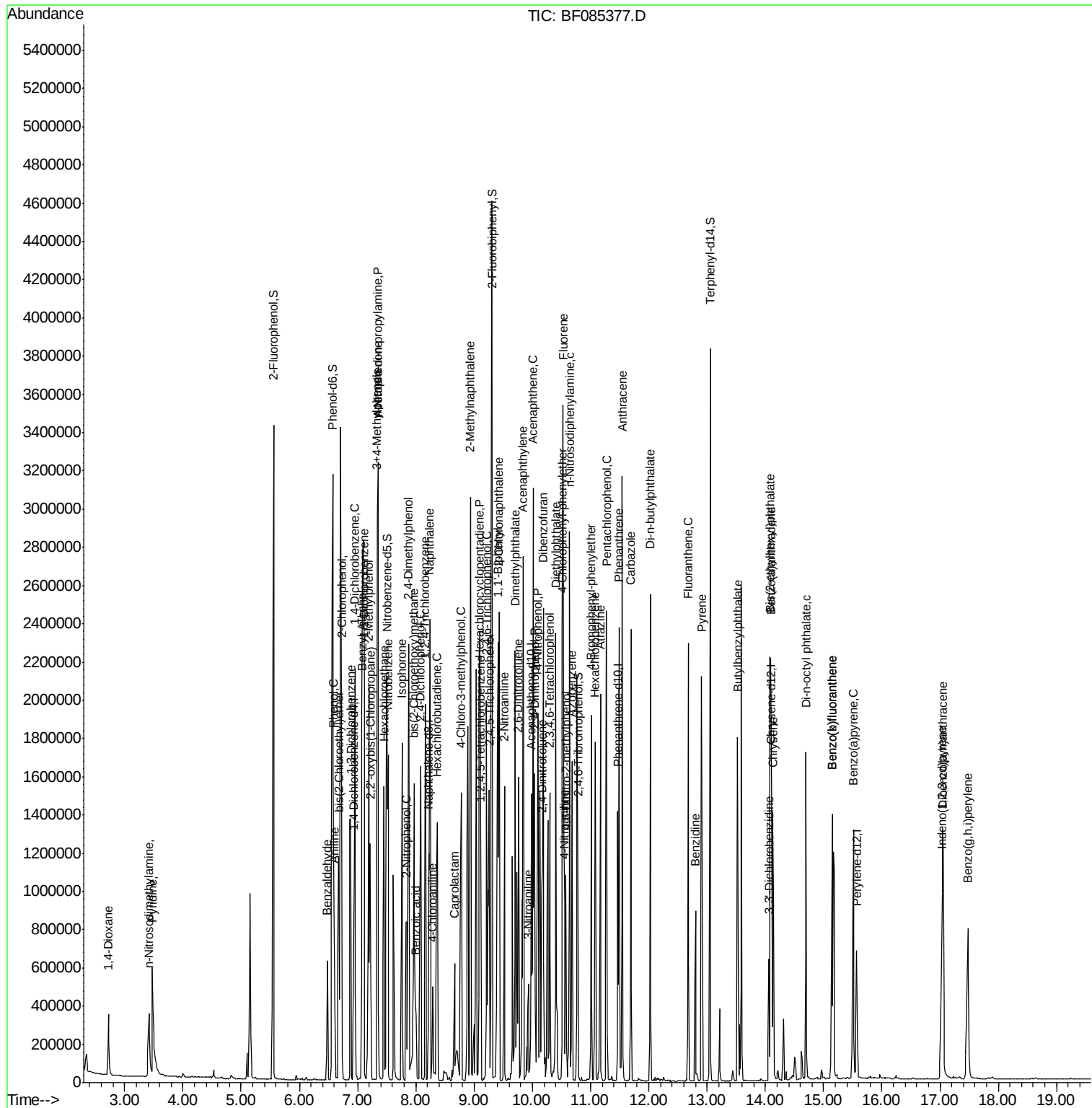
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	259041	41.12	ng	98
43) 2,4,5-Trichlorophenol	9.26	196	270802	45.34	ng	# 94
45) 1,1'-Biphenyl	9.41	154	1037529	41.04	ng	93
46) 2-Chloronaphthalene	9.43	162	808053	41.93	ng	97
47) 2-Nitroaniline	9.52	65	261373	43.77	ng	# 86
48) Acenaphthylene	9.84	152	1189617	39.66	ng	98
49) Dimethylphthalate	9.70	163	924061	40.69	ng	100
50) 2,6-Dinitrotoluene	9.76	165	184646	38.00	ng	# 85
51) Acenaphthene	10.01	154	794612	43.63	ng	99
52) 3-Nitroaniline	9.93	138	119411	20.54	ng	93
53) 2,4-Dinitrophenol	10.04	184	178228	73.06	ng	# 59
54) Dibenzofuran	10.18	168	981281	41.13	ng	97
55) 4-Nitrophenol	10.09	139	336592	73.68	ng	# 78
56) 2,4-Dinitrotoluene	10.17	165	278982	44.86	ng	# 74
57) Fluorene	10.53	166	749140	39.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	185829	44.29	ng	100
59) Diethylphthalate	10.40	149	865946	39.29	ng	96
60) 4-Chlorophenyl-phenylether	10.52	204	362648	39.77	ng	89
61) 4-Nitroaniline	10.55	138	222688	40.96	ng	90
62) Azobenzene	10.68	77	963073	44.35	ng	94
64) 4,6-Dinitro-2-methylphenol	10.57	198	117080	37.94	ng	# 55
65) n-Nitrosodiphenylamine	10.64	169	753013	46.97	ng	98
66) 4-Bromophenyl-phenylether	11.01	248	211005	42.16	ng	# 81
67) Hexachlorobenzene	11.08	284	216051	40.47	ng	# 78
68) Atrazine	11.17	200	232430	52.14	ng	97
69) Pentachlorophenol	11.27	266	244218	82.41	ng	98
70) Phenanthrene	11.49	178	1123289	41.59	ng	99
71) Anthracene	11.54	178	1188387	41.44	ng	99
72) Carbazole	11.69	167	923090	36.71	ng	98
73) Di-n-butylphthalate	12.02	149	1228965	38.67	ng	99
74) Fluoranthene	12.68	202	913216	33.69	ng	96
76) Benzidine	12.80	184	435137	50.75	ng	98
77) Pyrene	12.90	202	939336	43.32	ng	100
79) Butylbenzylphthalate	13.52	149	419938	42.68	ng	98
80) Benzo(a)anthracene	14.09	228	682282	39.56	ng	100
81) 3,3'-Dichlorobenzidine	14.06	252	128578	23.63	ng	# 95
82) Chrysene	14.13	228	636034	39.92	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	552580	42.68	ng	# 99
84) Di-n-octyl phthalate	14.70	149	890856	45.18	ng	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	792740	63.75	ng	97
87) Benzo(b)fluoranthene	15.15	252	662494	35.33	ng	# 96
88) Benzo(k)fluoranthene	15.15	252	662494	43.80	ng	97
89) Benzo(a)pyrene	15.51	252	661640	42.58	ng	99
90) Dibenzo(a,h)anthracene	17.05	278	665281	50.16	ng	96
91) Benzo(g,h,i)perylene	17.48	276	667929	50.08	ng	100

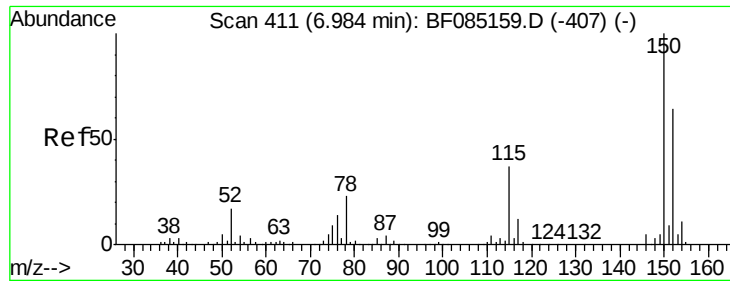
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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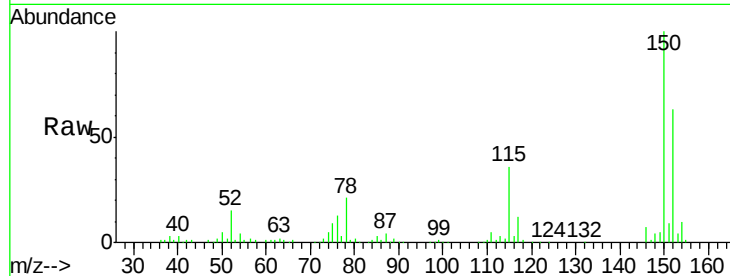


#1

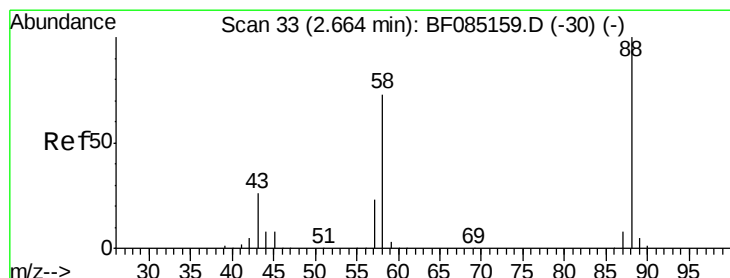
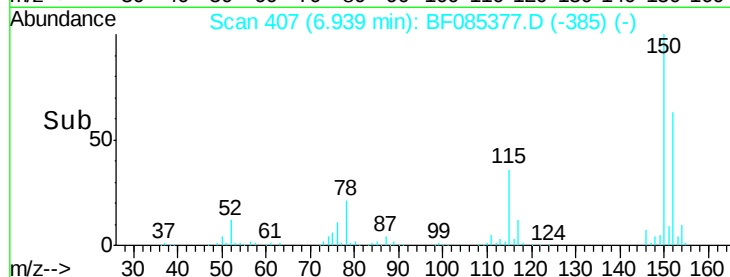
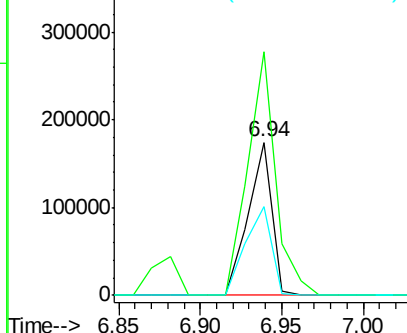
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion:152 Resp: 174670
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 57.5 46.6 70.0



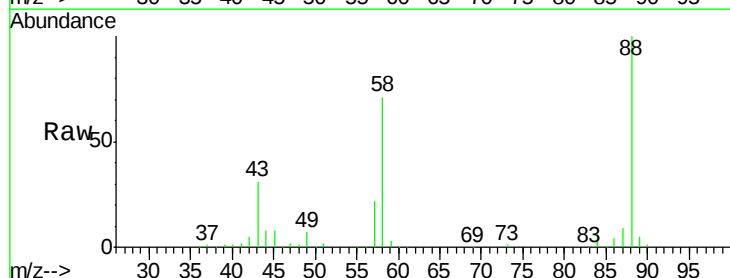
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



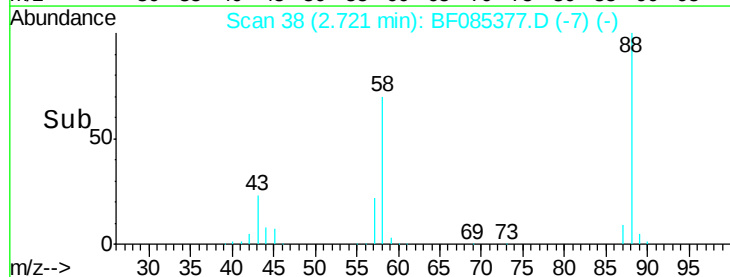
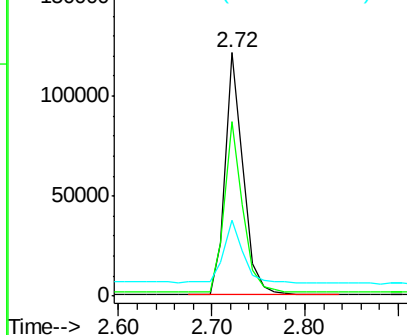
#2

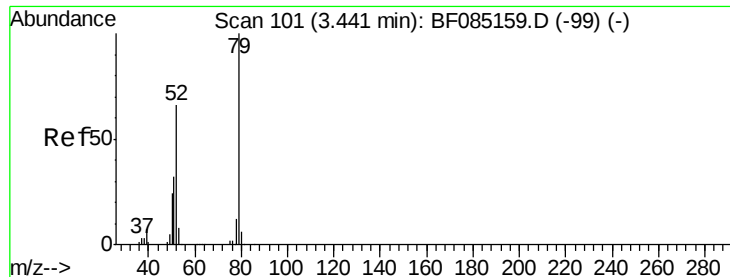
1,4-Dioxane
Concen: 30.58 ng
RT: 2.72 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion: 88 Resp: 162838
Ion Ratio Lower Upper
88 100
58 71.1 57.0 85.6
43 28.0 20.5 30.7



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: 32.74 ng

RT: 3.48 min Scan# 104

Delta R.T. 0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampled :

PB88818BS

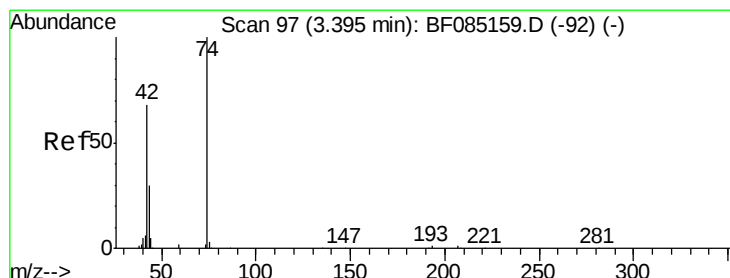
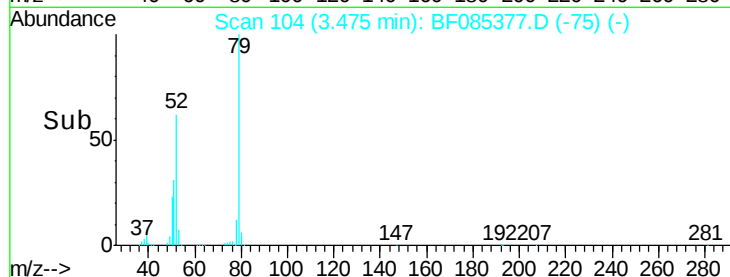
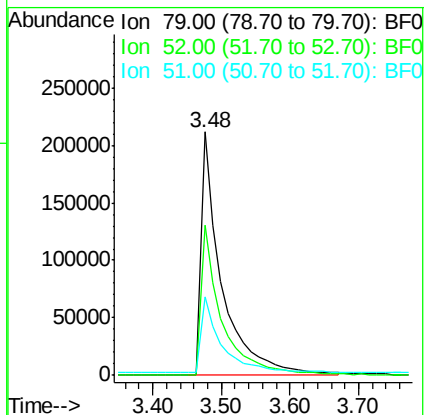
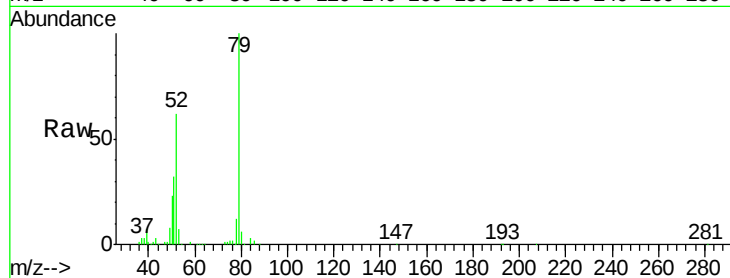
Tgt Ion: 79 Resp: 436351

Ion Ratio Lower Upper

79 100

52 61.8 52.6 79.0

51 32.0 25.8 38.8



#4

n-Nitrosodimethylamine

Concen: 37.92 ng

RT: 3.42 min Scan# 99

Delta R.T. 0.02 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

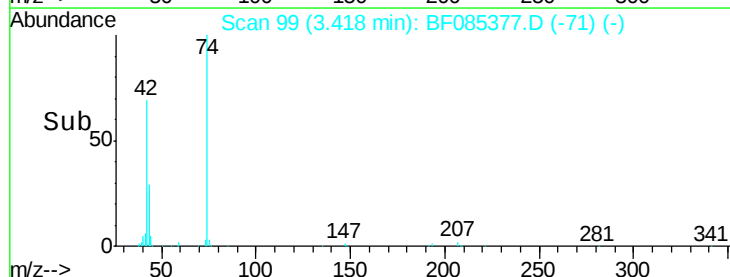
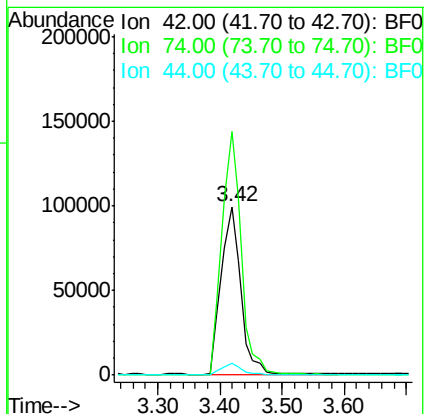
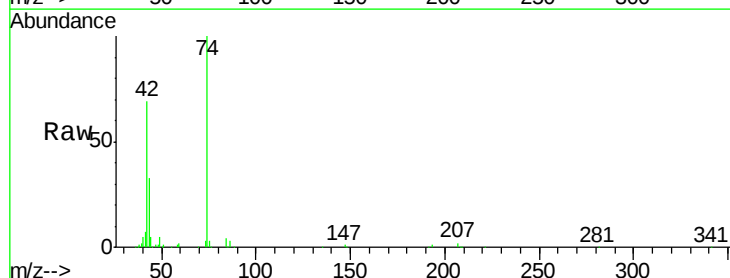
Tgt Ion: 42 Resp: 216330

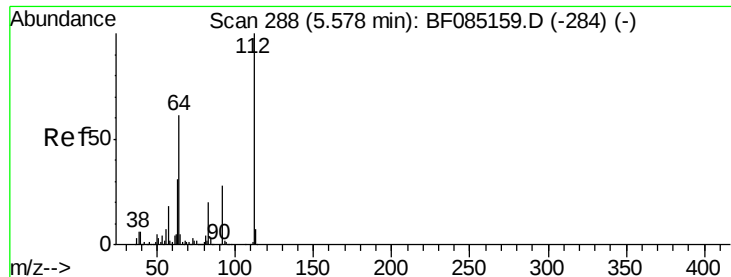
Ion Ratio Lower Upper

42 100

74 144.5 116.8 175.2

44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 125.82 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085377.D

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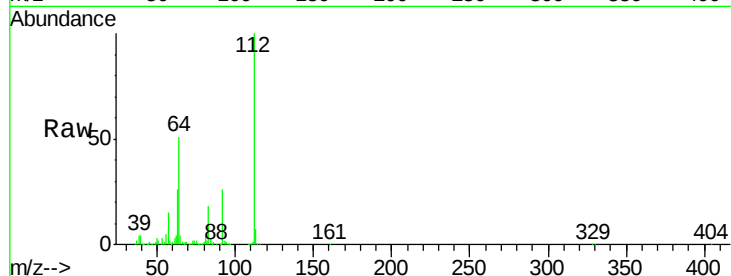
Tgt Ion: 112 Resp: 1310199

Ion Ratio Lower Upper

112 100

64 50.6 49.0 73.4

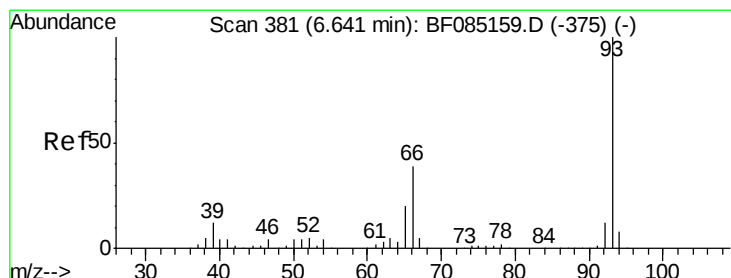
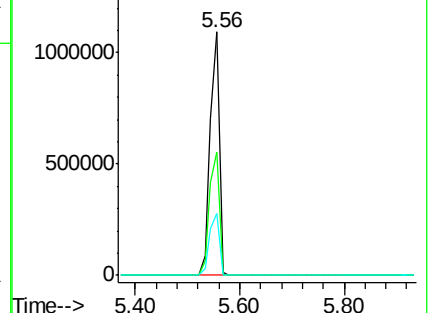
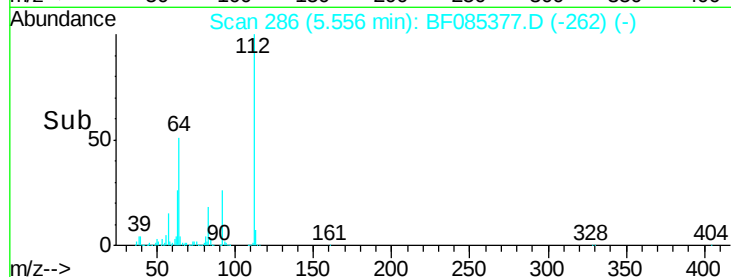
63 25.6 24.8 37.2



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: 22.21 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

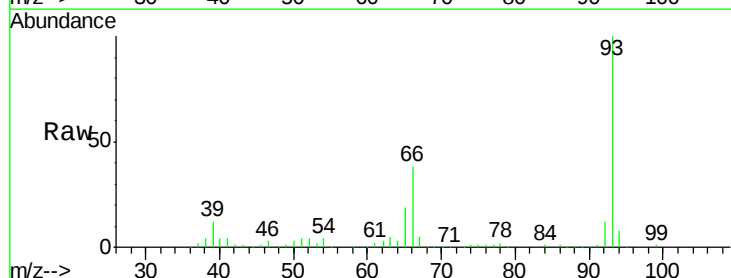
Tgt Ion: 93 Resp: 424732

Ion Ratio Lower Upper

93 100

66 37.5 31.6 47.4

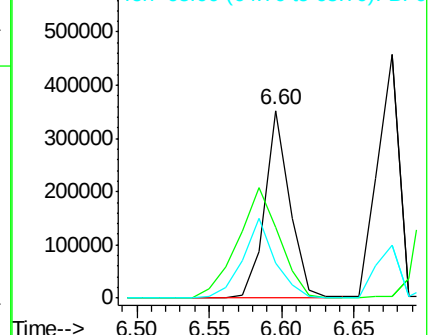
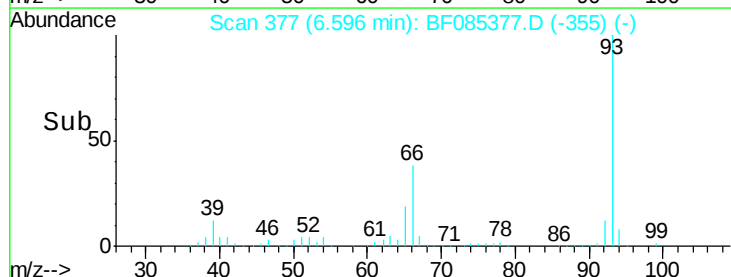
65 18.8 15.8 23.8



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: 120.06 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

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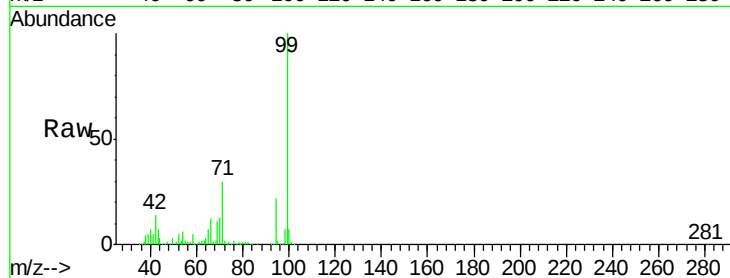
Tgt Ion: 99 Resp: 1637972

Ion Ratio Lower Upper

99 100

42 13.6 13.6 20.4#

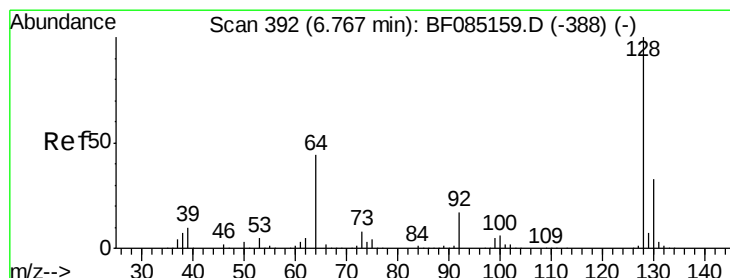
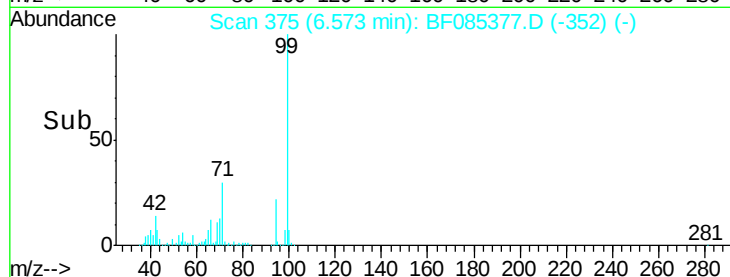
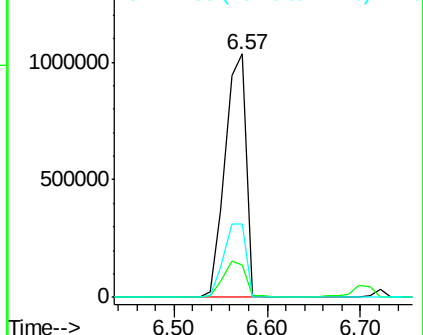
71 30.2 26.7 40.1



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: 38.69 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

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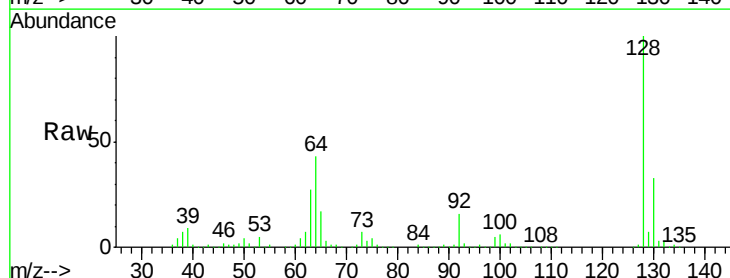
Tgt Ion: 128 Resp: 484985

Ion Ratio Lower Upper

128 100

130 33.4 13.3 53.3

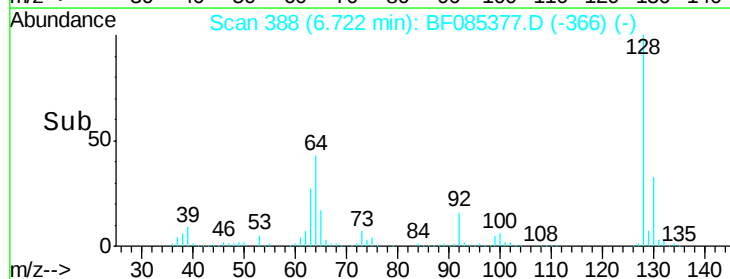
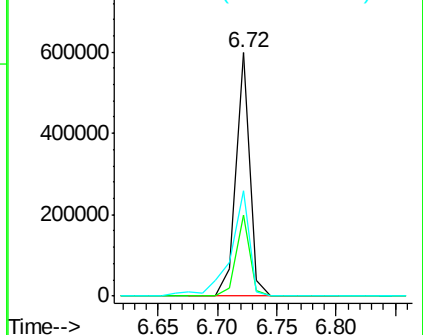
64 43.3 25.7 65.7

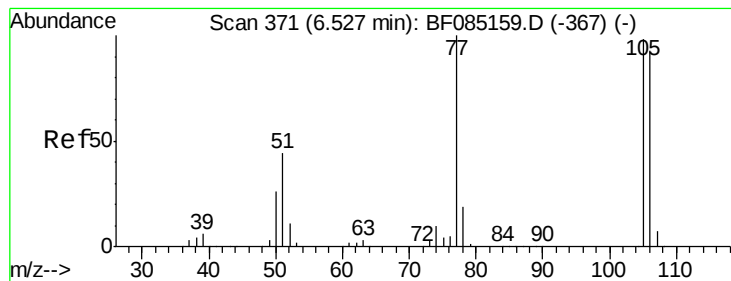


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.27 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

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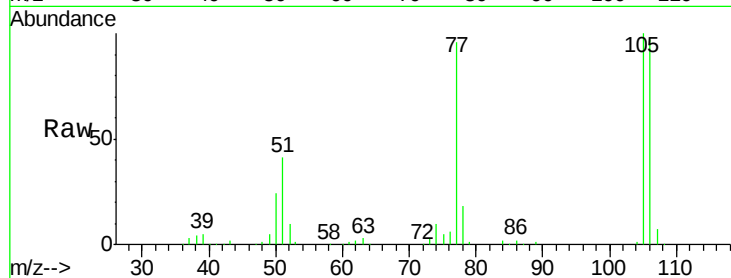
Tgt Ion: 77 Resp: 119851

Ion Ratio Lower Upper

77 100

105 104.3 78.2 118.2

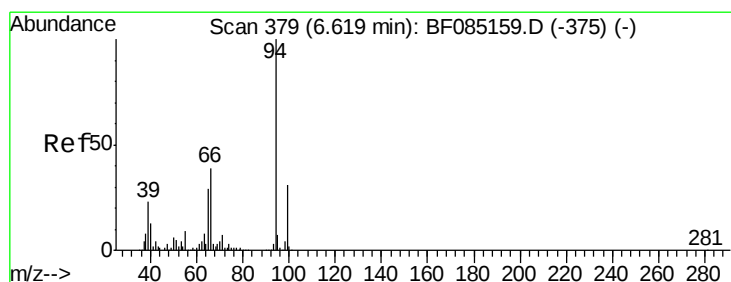
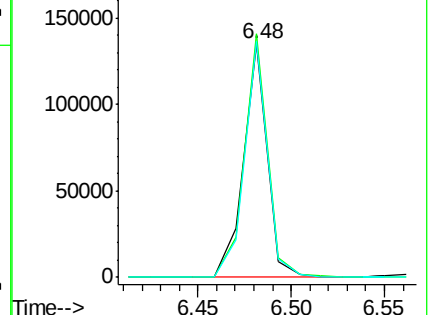
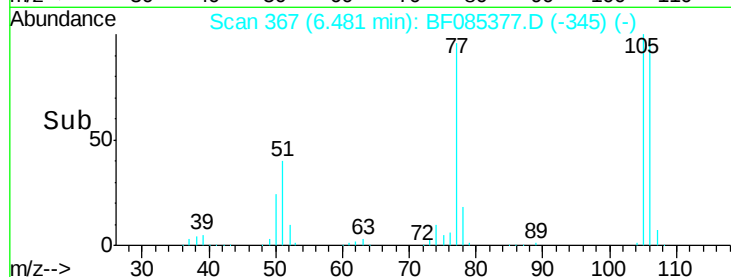
106 100.9 72.9 112.9



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: 42.82 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF085377.D

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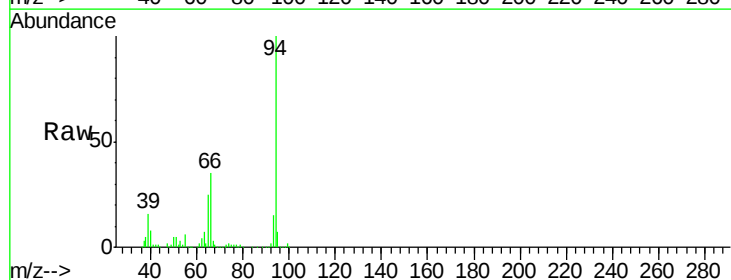
Tgt Ion: 94 Resp: 625643

Ion Ratio Lower Upper

94 100

65 25.3 9.1 49.1

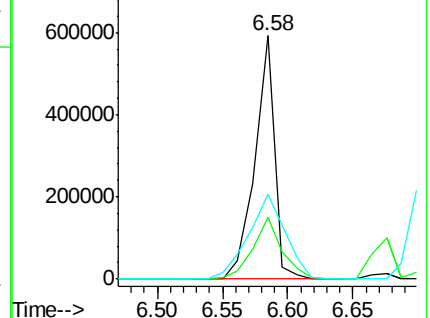
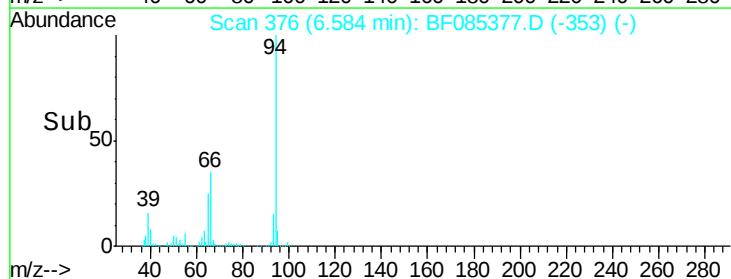
66 34.9 19.3 59.3

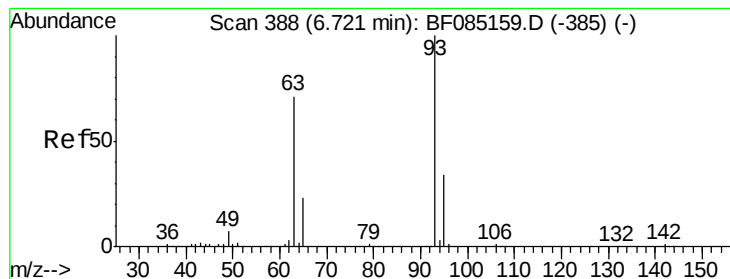


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.00 ng

RT: 6.68 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

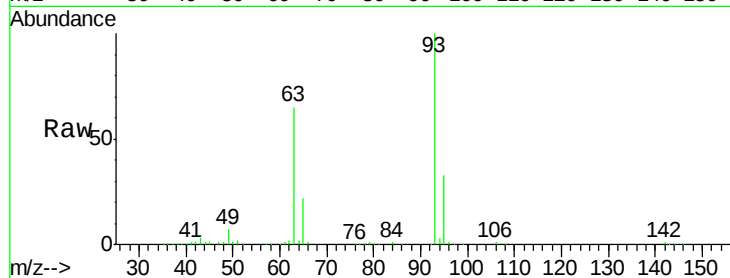
Tgt Ion: 93 Resp: 473301

Ion Ratio Lower Upper

93 100

63 65.3 50.9 90.9

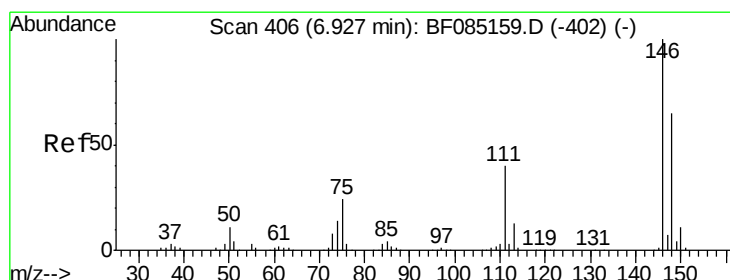
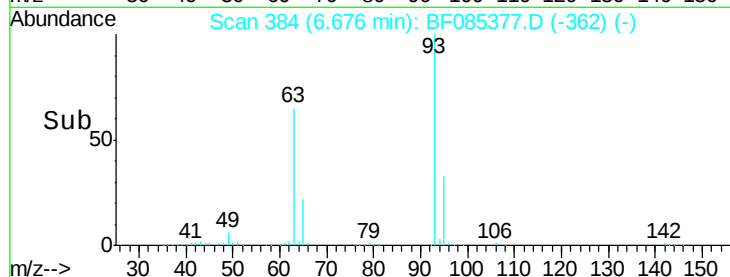
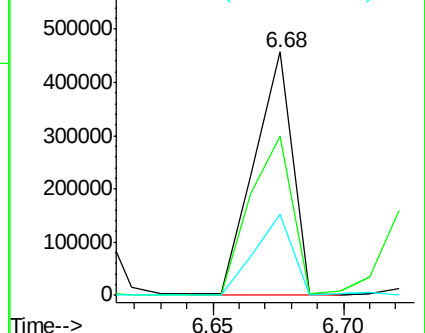
95 33.1 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.40 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

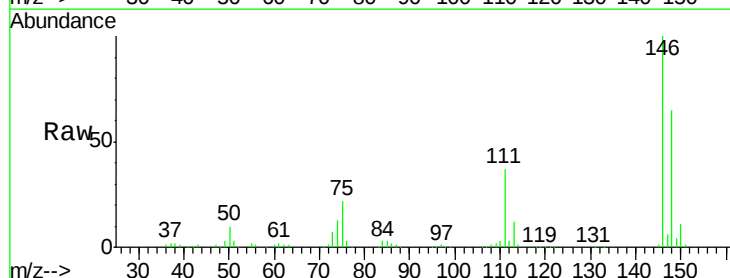
Tgt Ion: 146 Resp: 503338

Ion Ratio Lower Upper

146 100

148 65.5 52.1 78.1

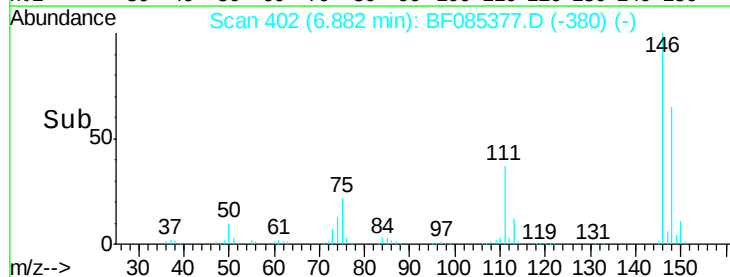
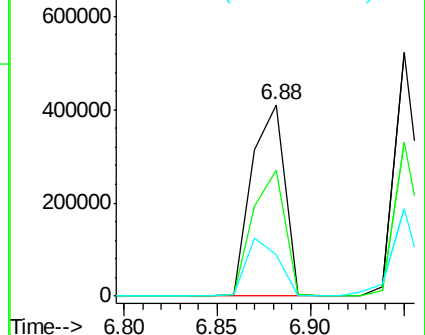
75 21.8 19.5 29.3

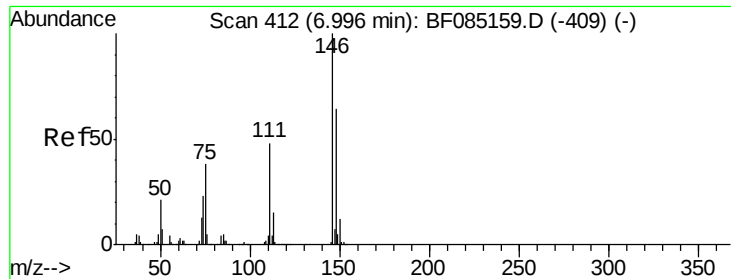


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

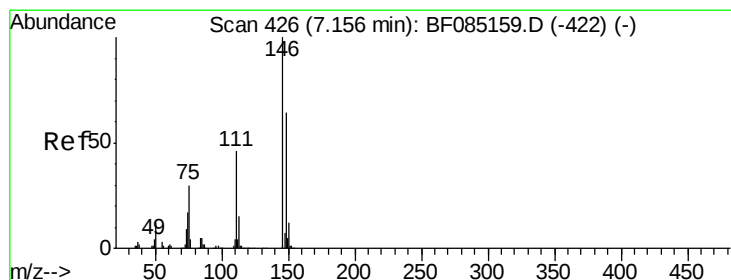
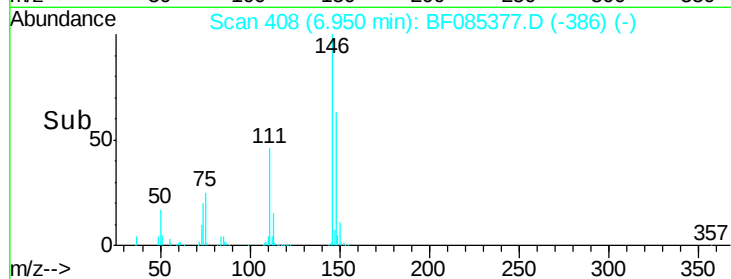
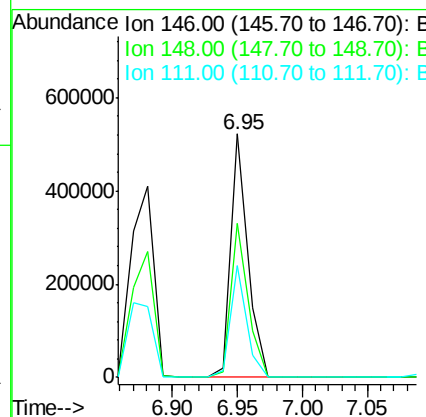
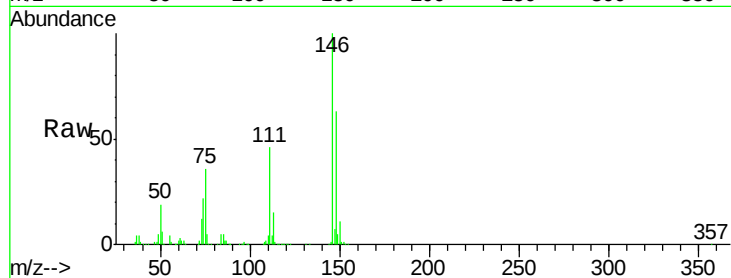




#13
 1,4-Dichlorobenzene
 Concen: 35.38 ng
 RT: 6.95 min Scan# 408
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

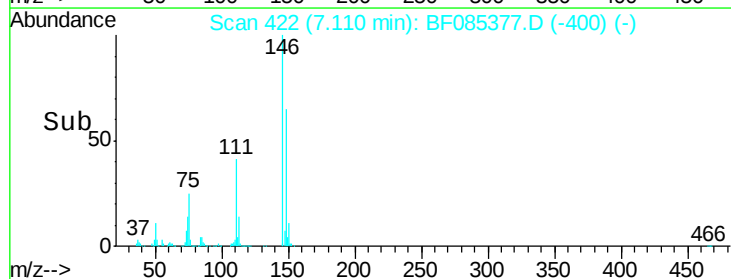
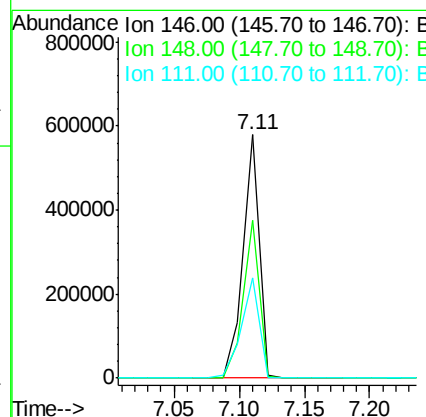
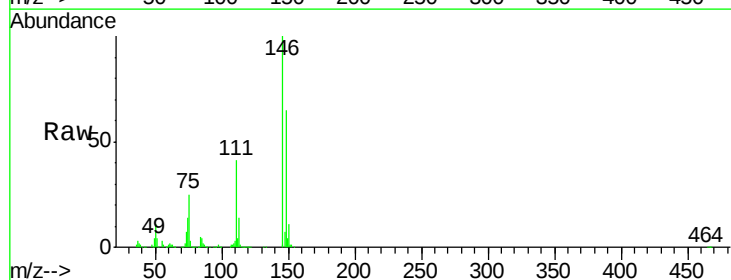
Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

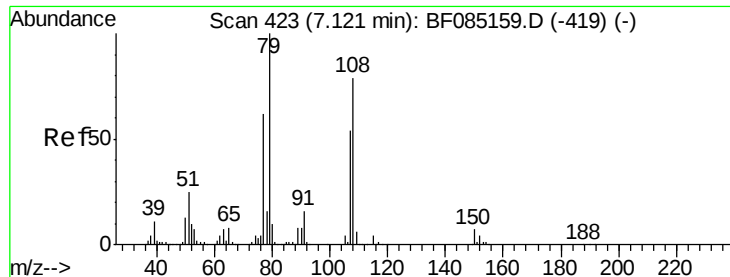
Tgt Ion:146 Resp: 477250
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.3 76.9
 111 46.0 38.4 57.6



#14
 1,2-Dichlorobenzene
 Concen: 40.48 ng
 RT: 7.11 min Scan# 422
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion:146 Resp: 495476
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.2
 111 41.2 36.7 55.1





#15

Benzyl Alcohol

Concen: 39.07 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

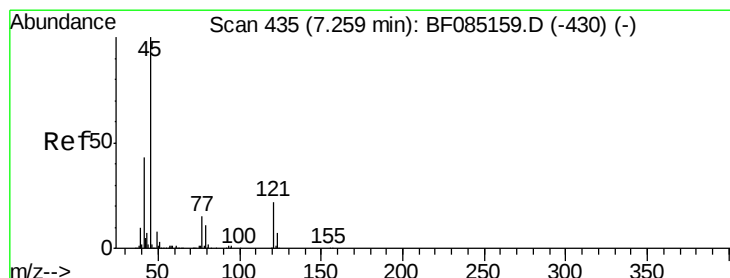
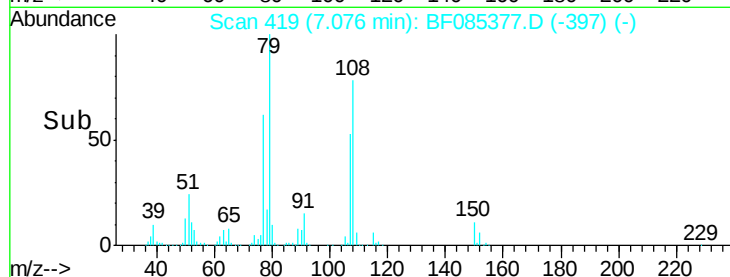
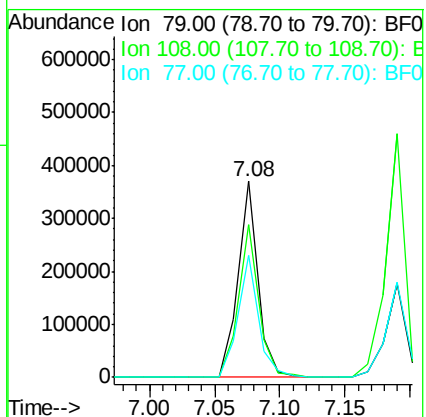
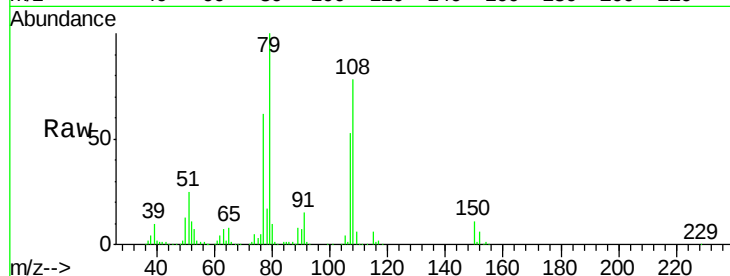
Tgt Ion: 79 Resp: 391292

Ion Ratio Lower Upper

79 100

108 78.2 62.9 94.3

77 62.1 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.61 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

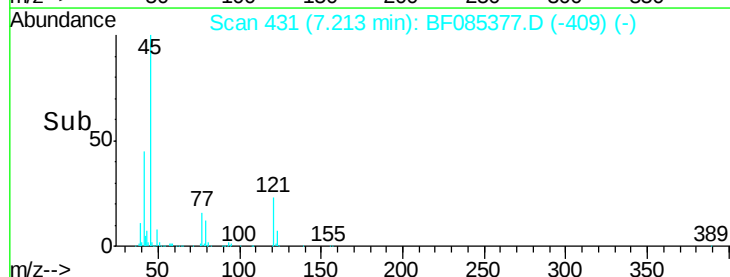
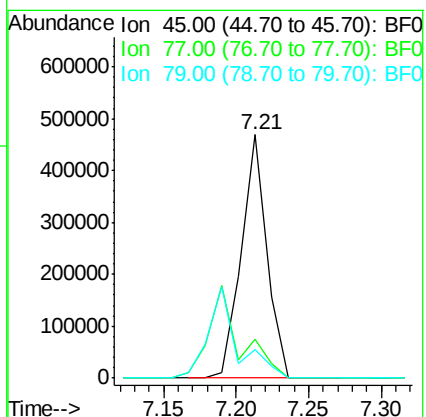
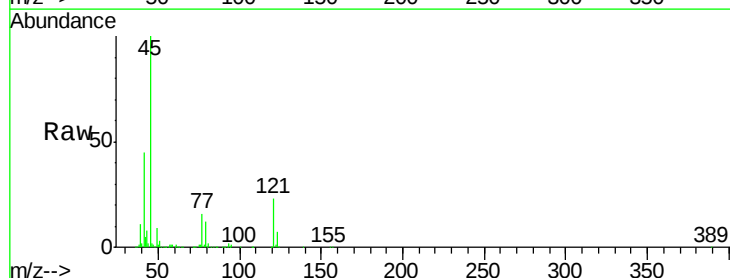
Tgt Ion: 45 Resp: 570424

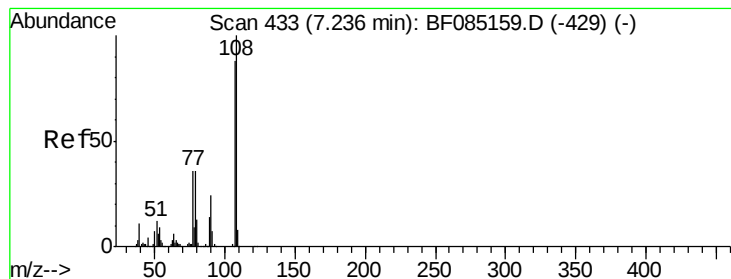
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.1

79 12.0 0.0 31.3





#17

2-Methylphenol

Concen: 39.45 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

Tgt Ion:107 Resp: 403599

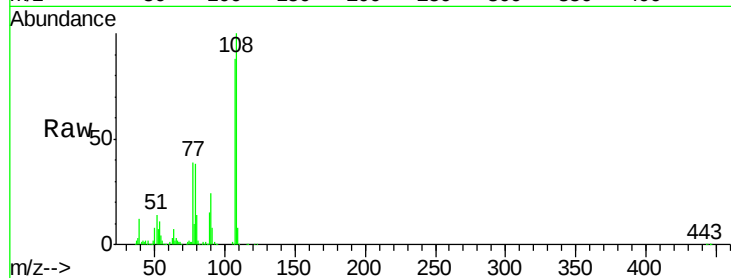
Ion Ratio Lower Upper

107 100

108 114.2 90.9 136.3

77 44.4 32.6 48.8

79 43.8 32.8 49.2

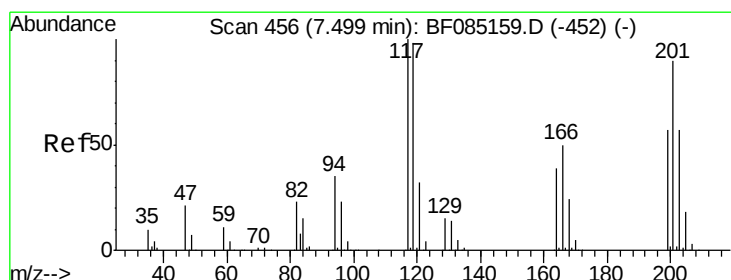
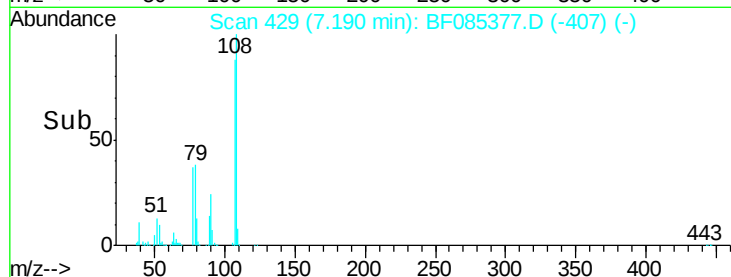
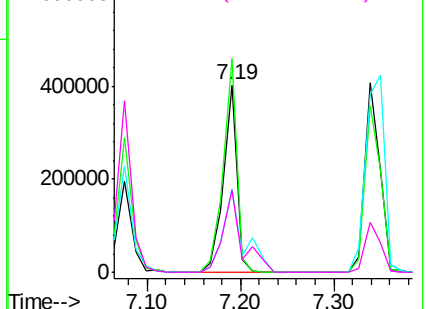


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.69 ng

RT: 7.45 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

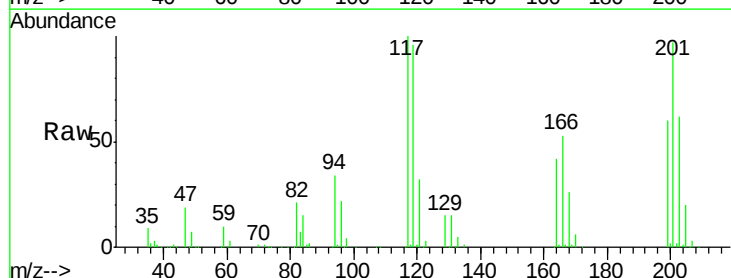
Tgt Ion:117 Resp: 192530

Ion Ratio Lower Upper

117 100

119 96.0 78.2 117.4

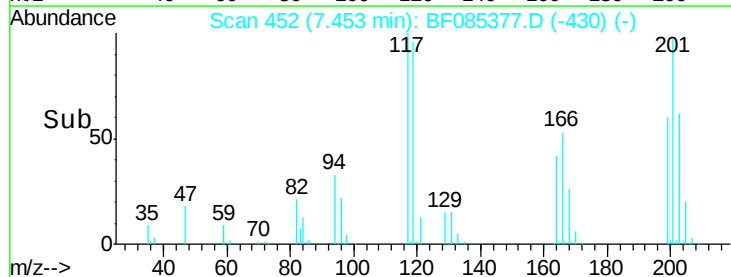
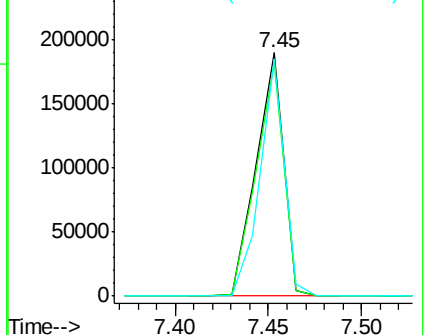
201 97.2 72.0 108.0

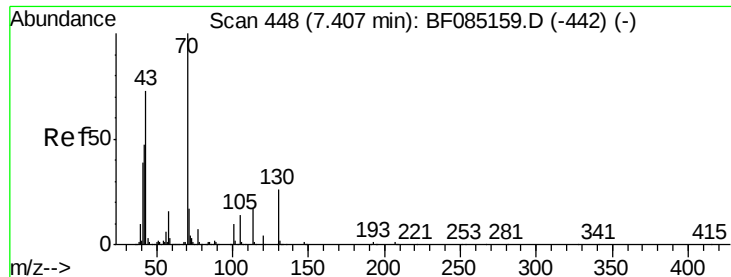


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

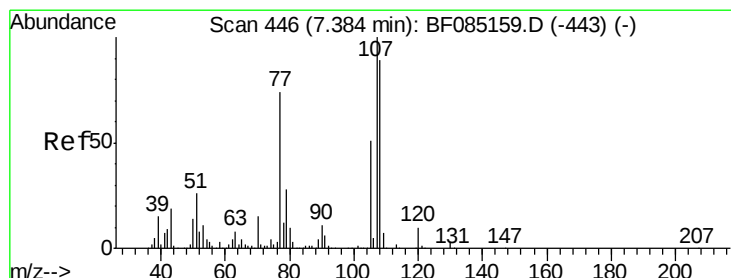
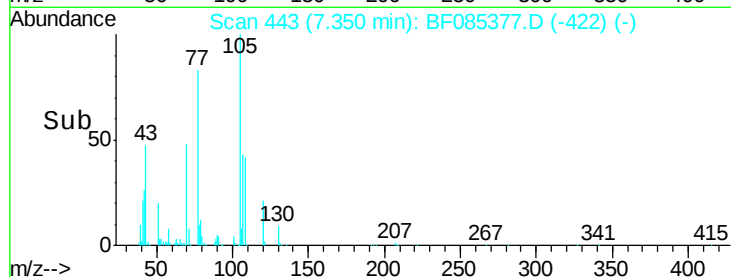
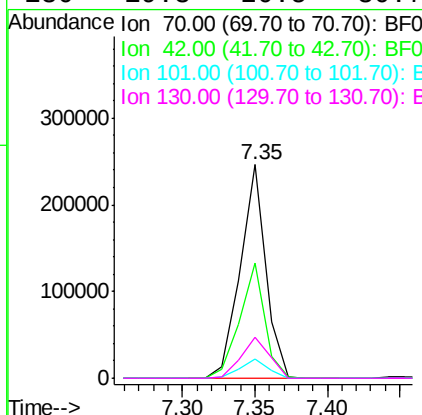
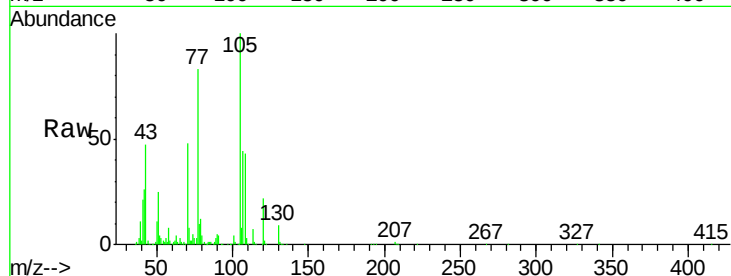




#19
n-Nitroso-di-n-propylamine
Concen: 33.79 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

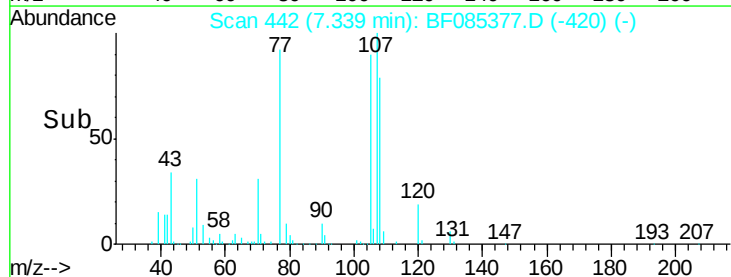
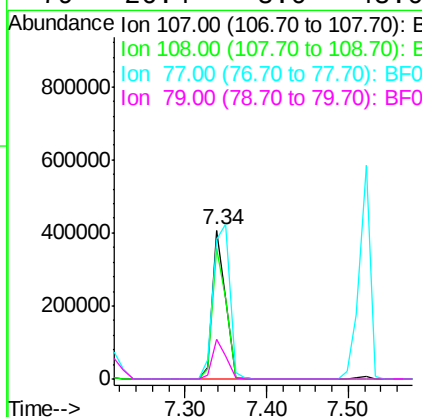
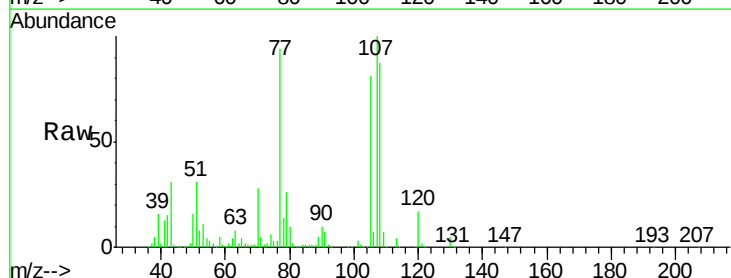
Instrument :
BNA_F
ClientSampleId :
PB88818BS

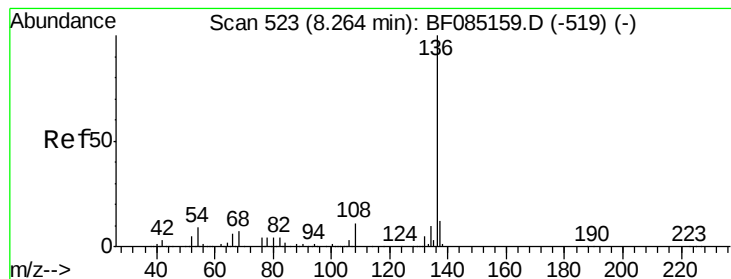
Tgt Ion: 70 Resp: 300439
Ion Ratio Lower Upper
70 100
42 54.1 37.7 56.5
101 9.2 8.2 12.4
130 19.3 20.5 30.7#



#20
3+4-Methylphenols
Concen: 38.24 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion: 107 Resp: 463348
Ion Ratio Lower Upper
107 100
108 87.4 68.8 108.8
77 93.8 53.6 93.6#
79 26.4 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

Tgt Ion:136 Resp: 681258

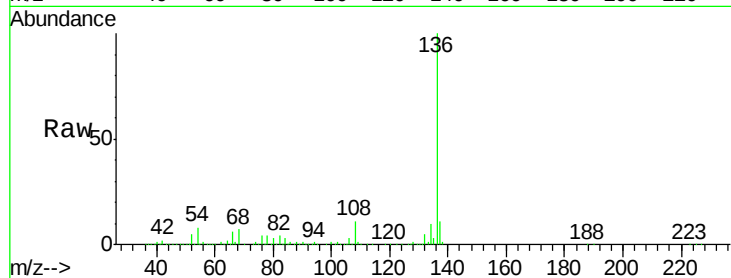
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.3 7.4 11.2

68 6.9 6.0 9.0

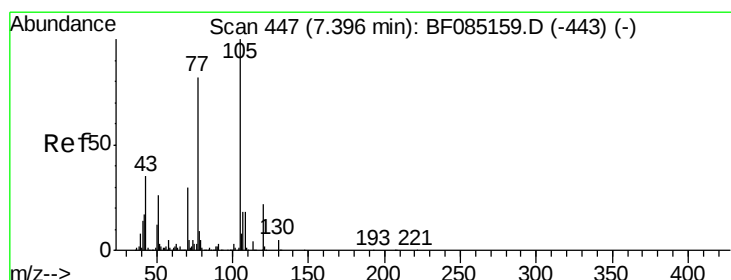
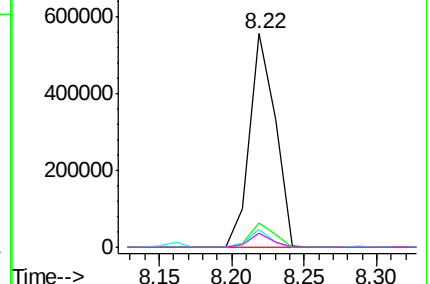
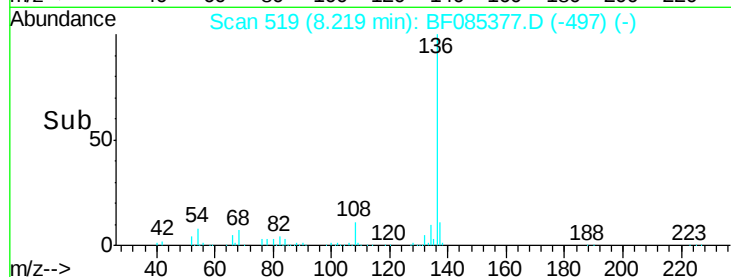


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.65 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:105 Resp: 626110

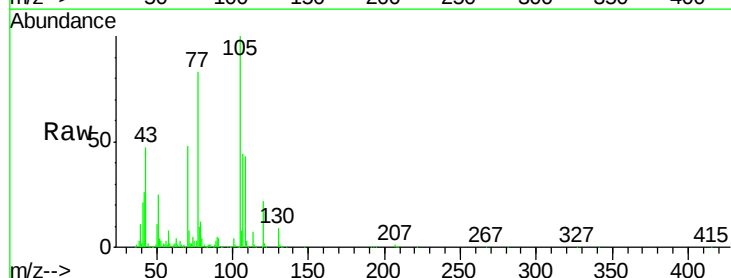
Ion Ratio Lower Upper

105 100

71 8.2 4.1 6.1#

51 24.6 21.1 31.7

120 21.8 17.3 25.9

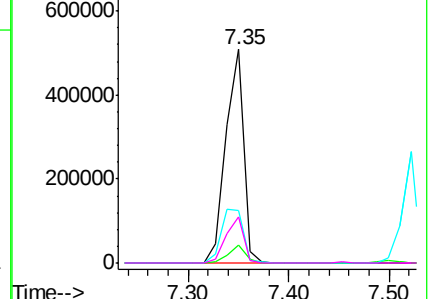
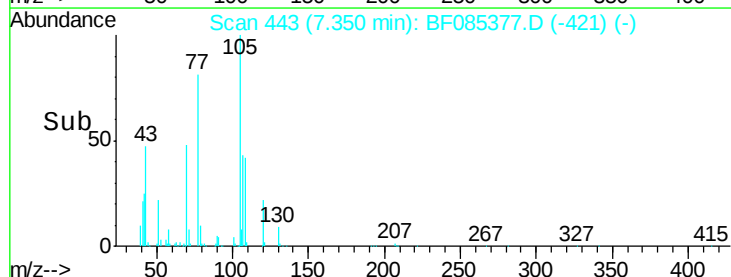


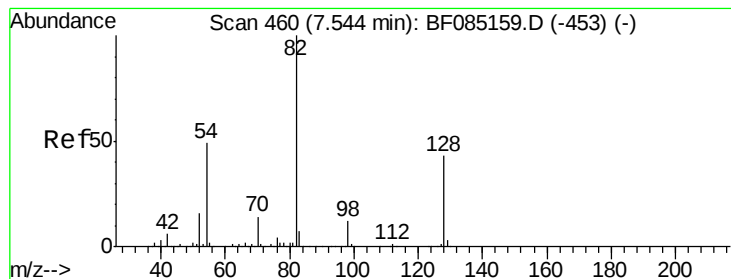
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.58 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

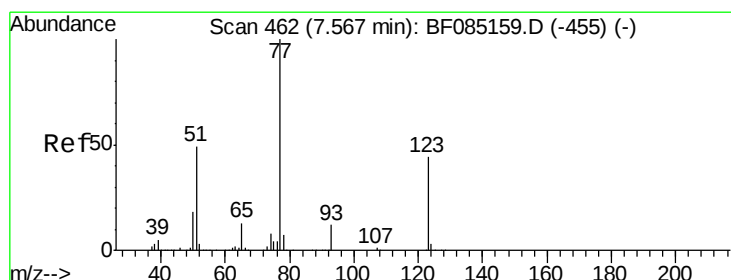
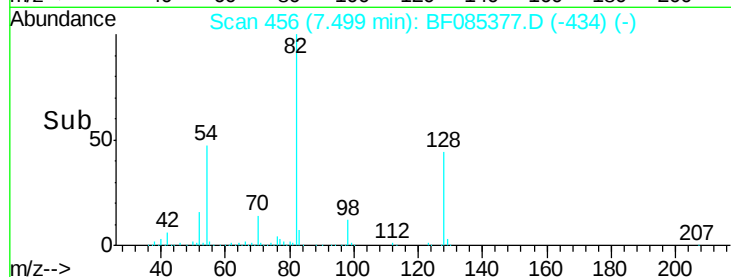
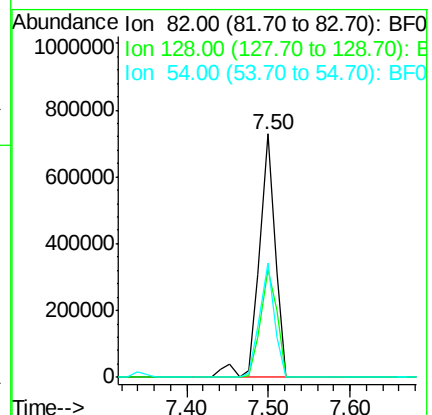
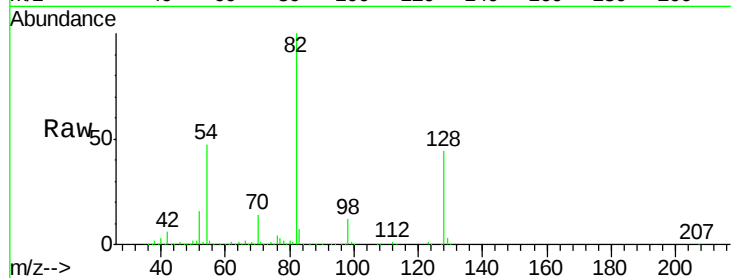
Tgt Ion: 82 Resp: 987710

Ion Ratio Lower Upper

82 100

128 44.3 34.5 51.7

54 47.1 39.3 58.9



#24

Nitrobenzene

Concen: 41.88 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

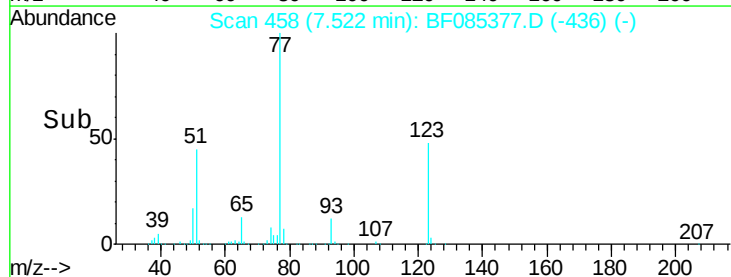
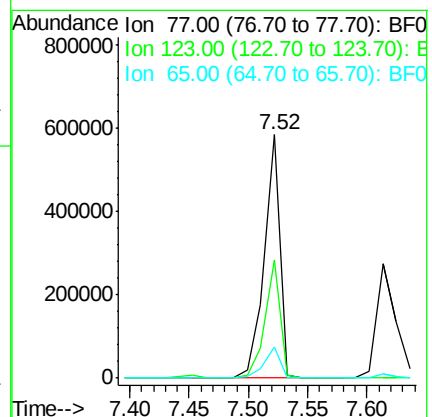
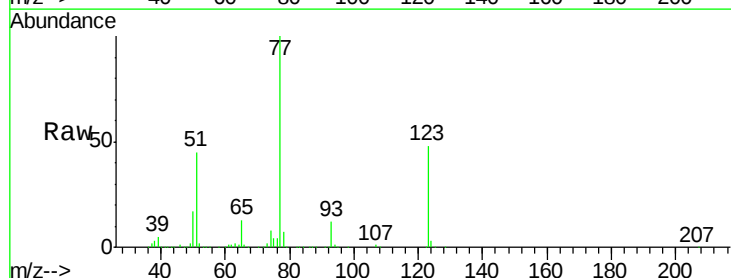
Tgt Ion: 77 Resp: 541602

Ion Ratio Lower Upper

77 100

123 48.3 35.4 53.2

65 12.9 10.6 16.0





#25

Isophorone

Concen: 39.02 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

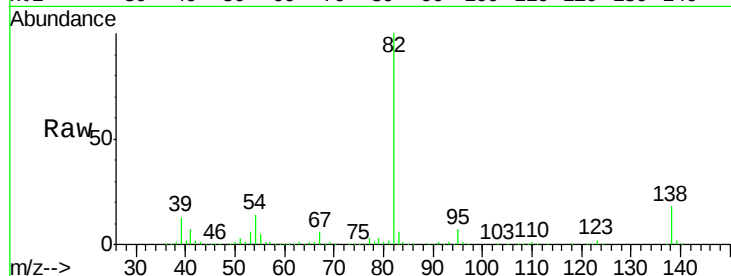
Tgt Ion: 82 Resp: 920660

Ion Ratio Lower Upper

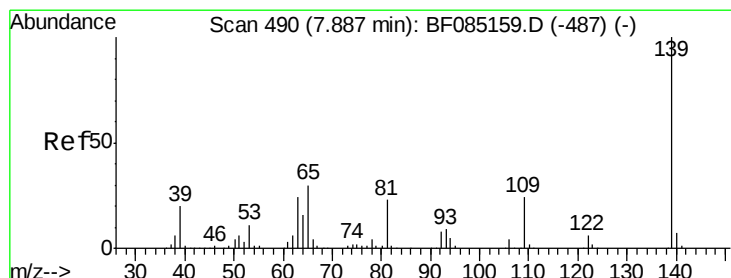
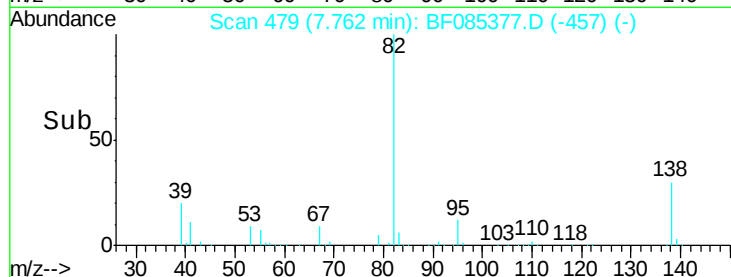
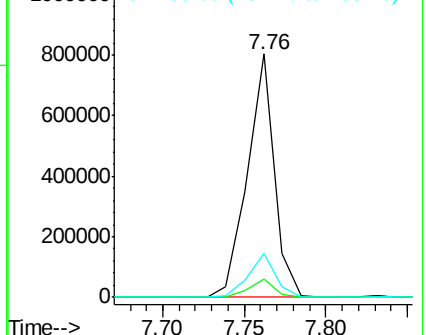
82 100

95 7.3 5.4 8.2

138 18.1 13.3 19.9



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



#26

2-Nitrophenol

Concen: 41.77 ng

RT: 7.84 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

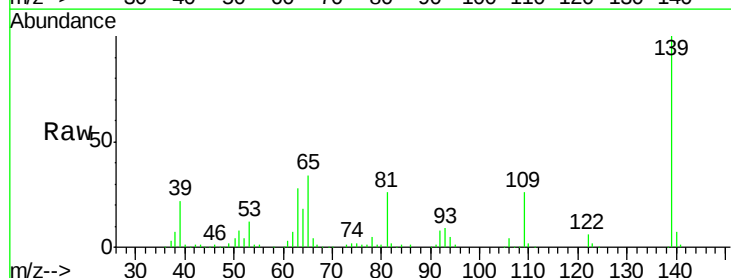
Tgt Ion: 139 Resp: 262900

Ion Ratio Lower Upper

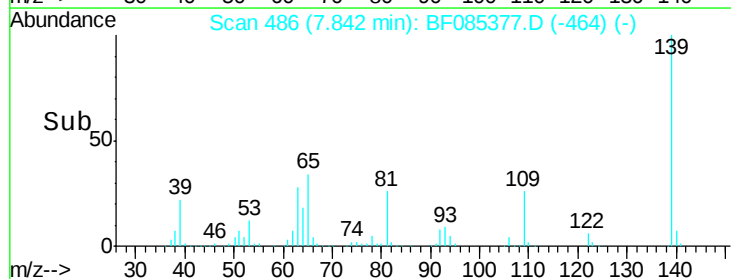
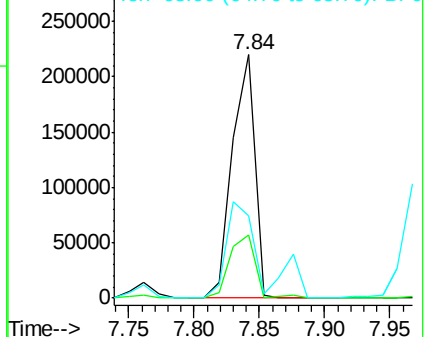
139 100

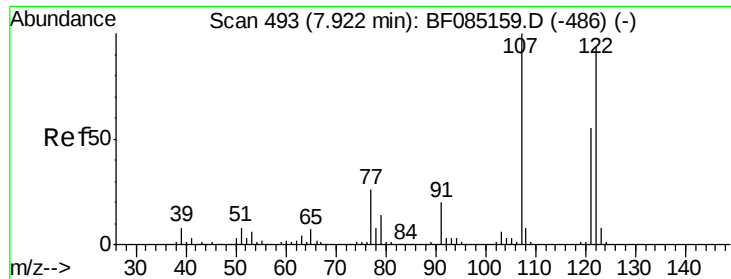
109 26.1 19.1 28.7

65 33.6 23.9 35.9



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

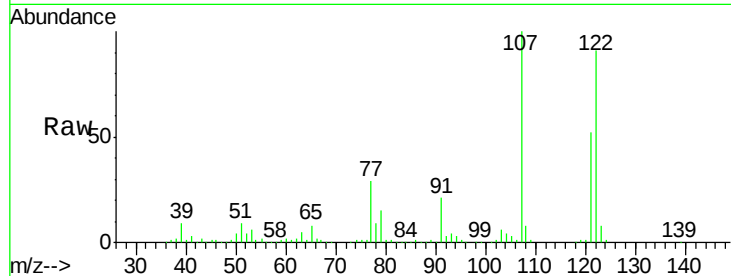




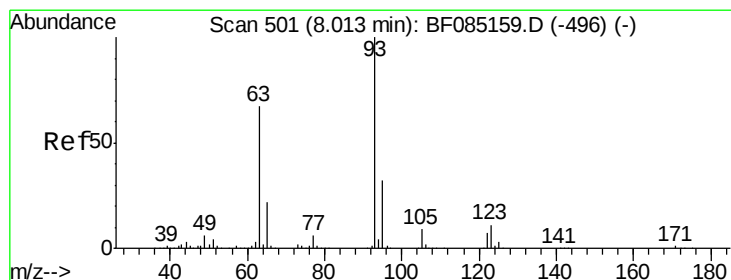
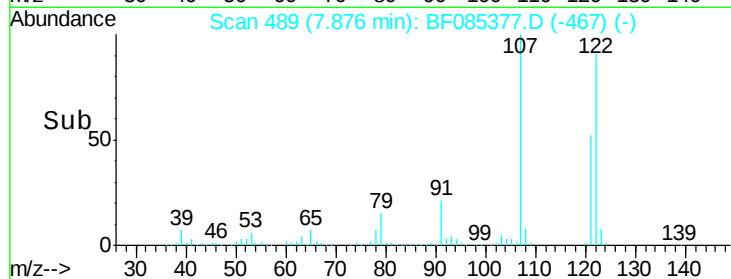
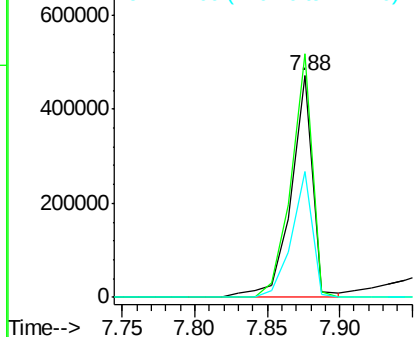
#27
 2,4-Dimethylphenol
 Concen: 42.43 ng
 RT: 7.88 min Scan# 489
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion:122 Resp: 488012
 Ion Ratio Lower Upper
 122 100
 107 109.9 84.8 127.2
 121 57.1 47.0 70.6

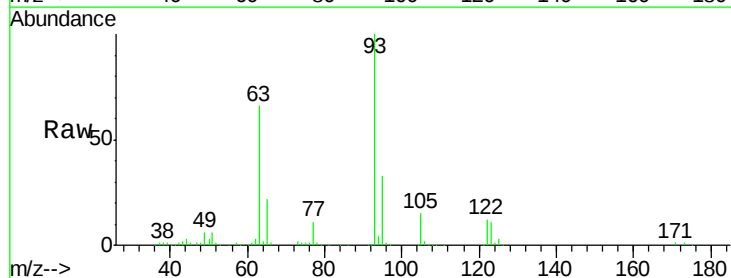


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

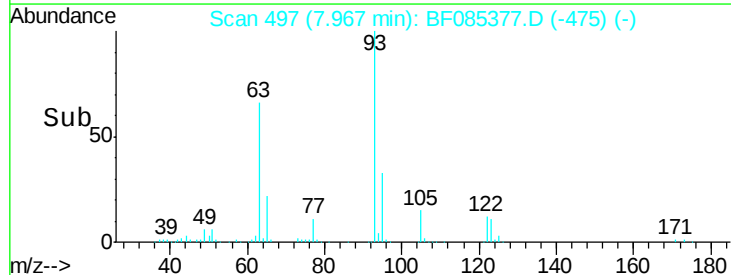
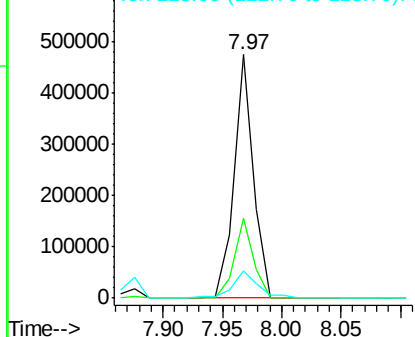


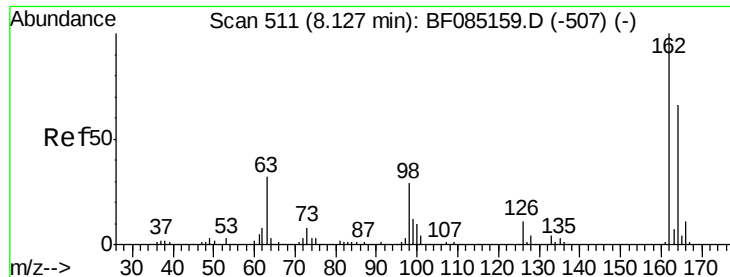
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.67 ng
 RT: 7.97 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion: 93 Resp: 534407
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.9 38.9
 123 11.2 8.8 13.2



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

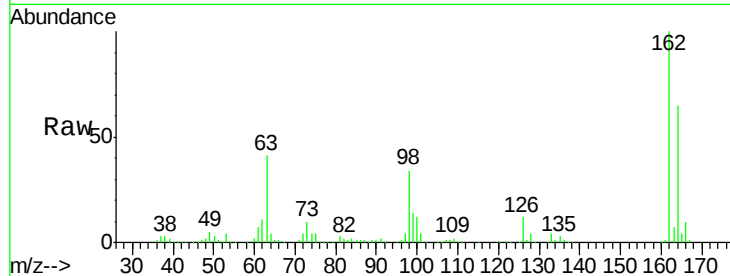




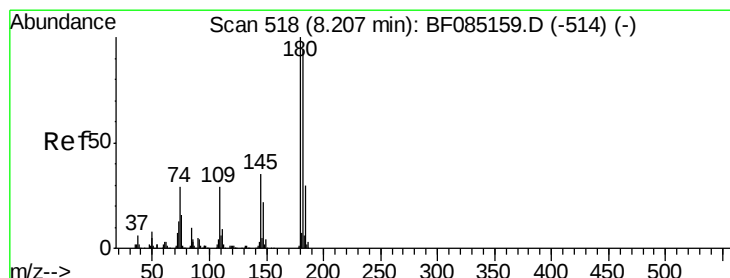
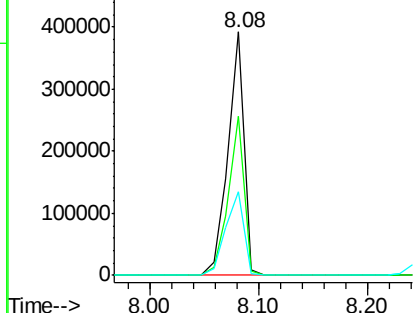
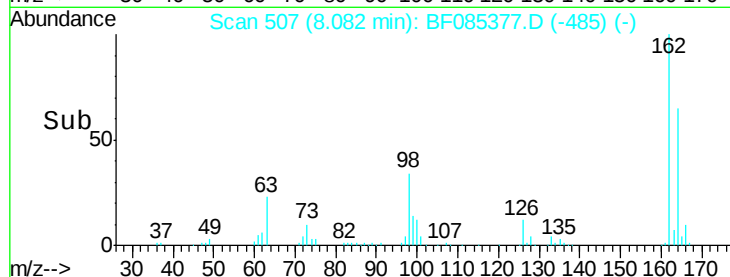
#29
 2,4-Dichlorophenol
 Concen: 43.00 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	45.7	85.7
98	34.2	9.4	49.4

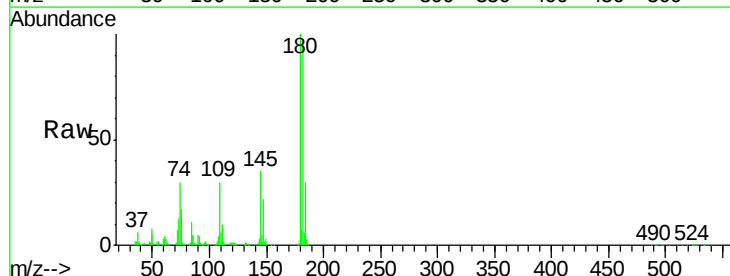


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

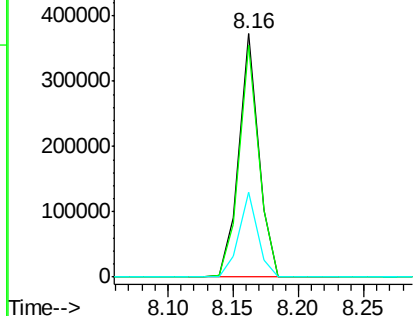
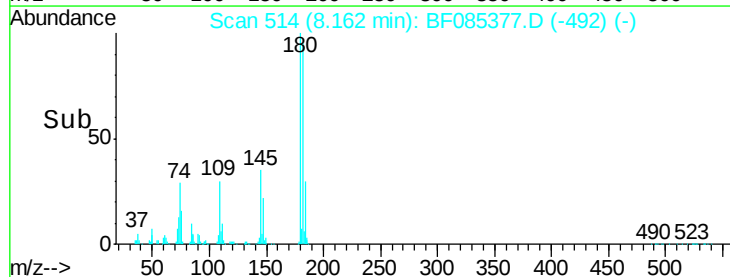


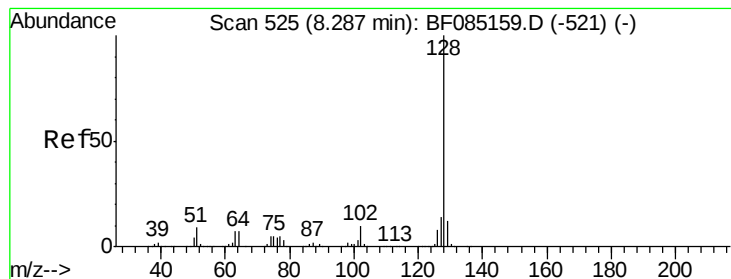
#30
 1,2,4-Trichlorobenzene
 Concen: 38.94 ng
 RT: 8.16 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	74.9	112.3
145	35.1	27.9	41.9



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: 37.98 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

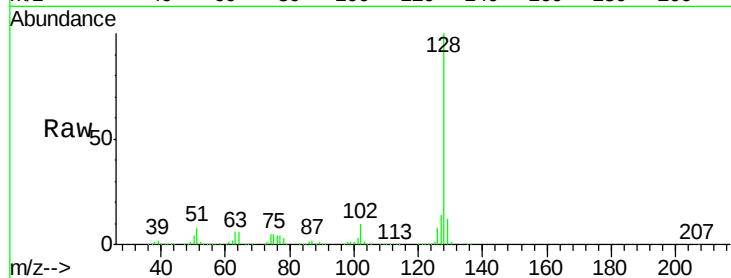
Tgt Ion:128 Resp: 1272172

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

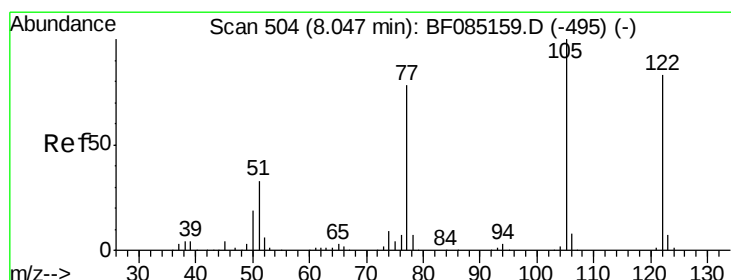
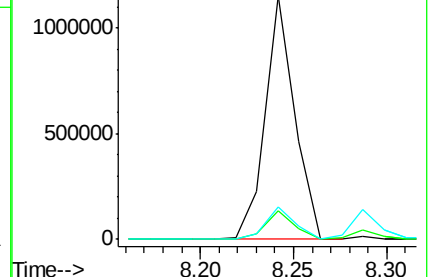
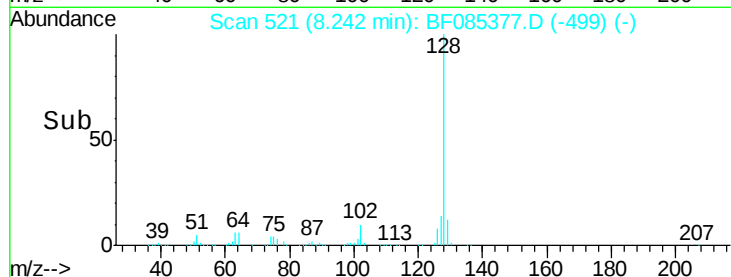
127 13.6 11.2 16.8



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: 40.50 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

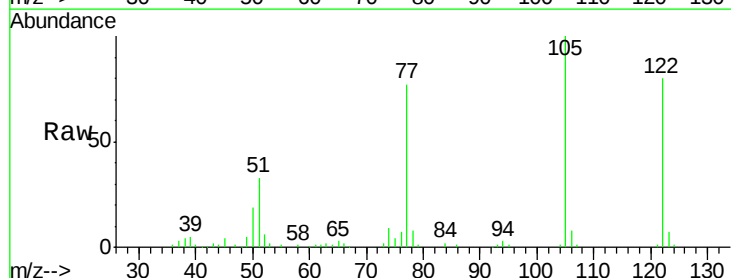
Tgt Ion:122 Resp: 309422

Ion Ratio Lower Upper

122 100

105 124.8 101.3 141.3

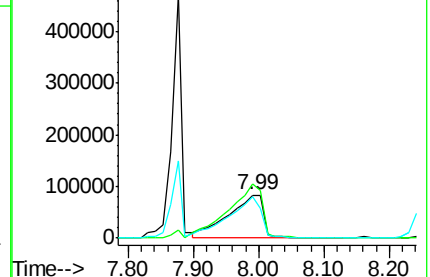
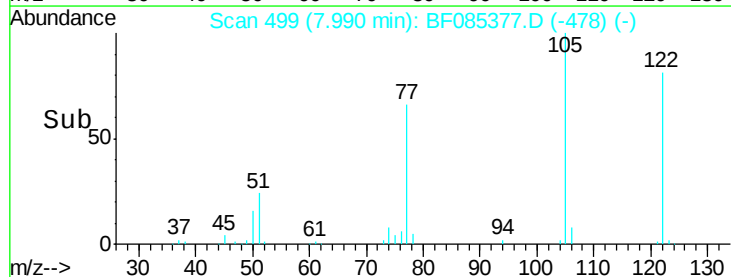
77 95.6 74.7 114.7

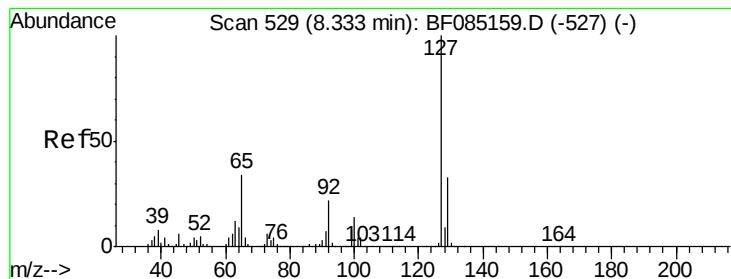


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.32 ng

RT: 8.29 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

Tgt Ion:127 Resp: 153401

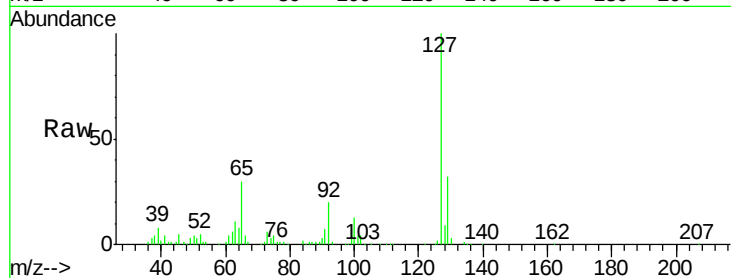
Ion Ratio Lower Upper

127 100

129 31.9 26.1 39.1

65 30.4 27.0 40.6

92 19.7 17.4 26.0

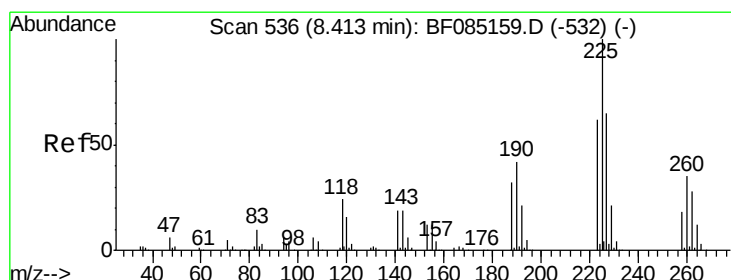
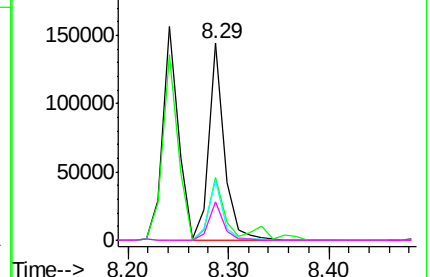
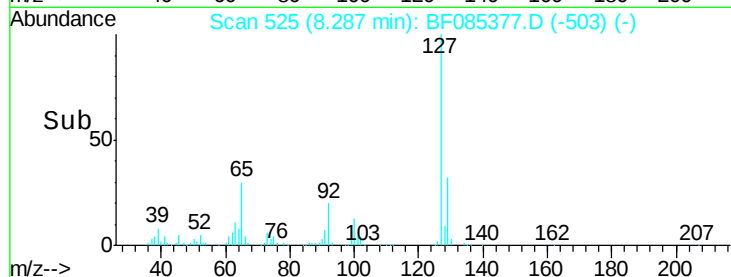


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.91 ng

RT: 8.37 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

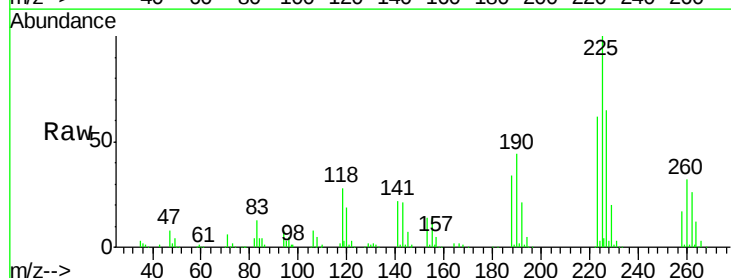
Tgt Ion:225 Resp: 213468

Ion Ratio Lower Upper

225 100

223 61.6 49.7 74.5

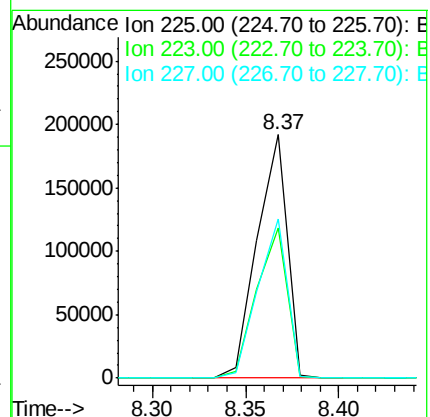
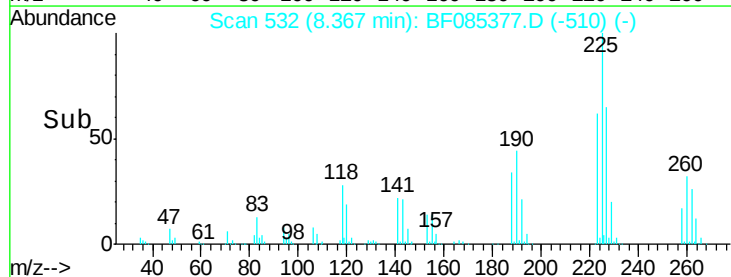
227 65.4 52.2 78.4

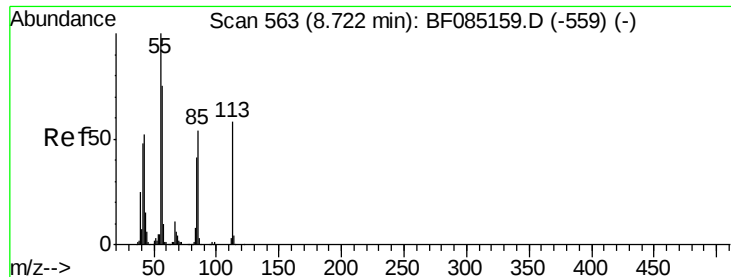


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.21 ng

RT: 8.66 min Scan# 558

Delta R.T. -0.06 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

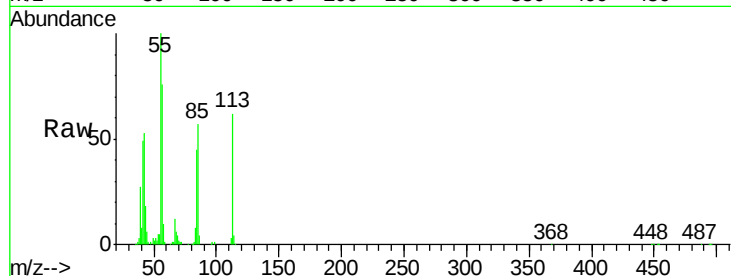
Tgt Ion:113 Resp: 85455

Ion Ratio Lower Upper

113 100

55 160.8 152.7 192.7

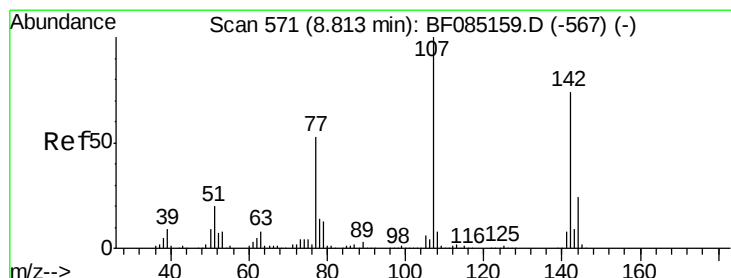
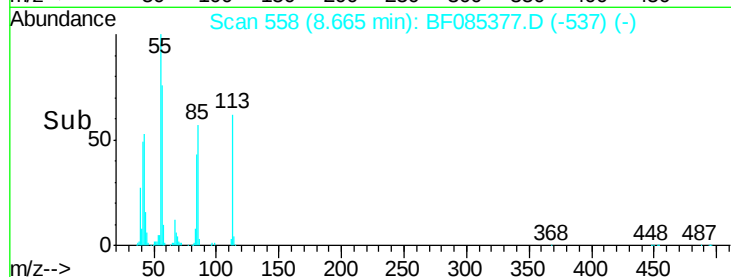
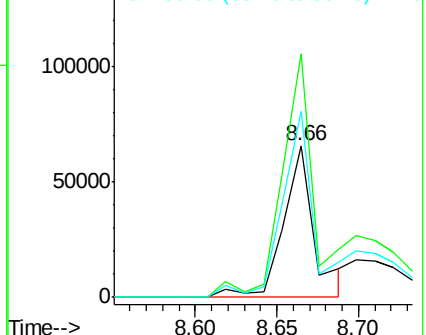
56 122.4 109.0 149.0



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: 41.77 ng

RT: 8.78 min Scan# 568

Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

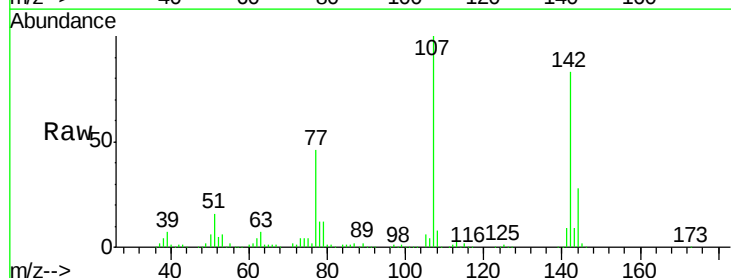
Tgt Ion:107 Resp: 439565

Ion Ratio Lower Upper

107 100

144 27.9 19.4 29.2

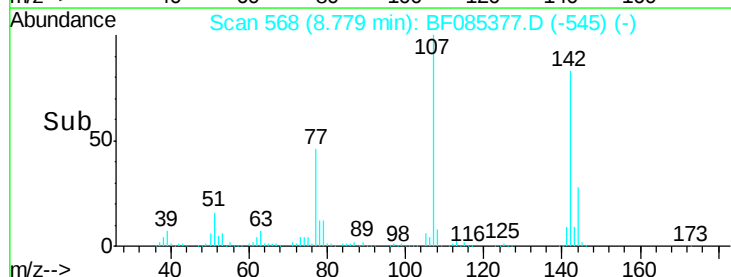
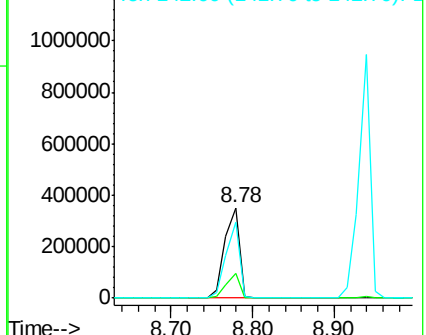
142 83.4 59.4 89.2

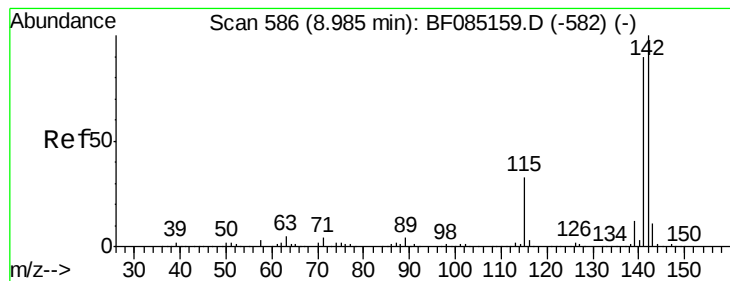


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.76 ng

RT: 8.94 min Scan# 582

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

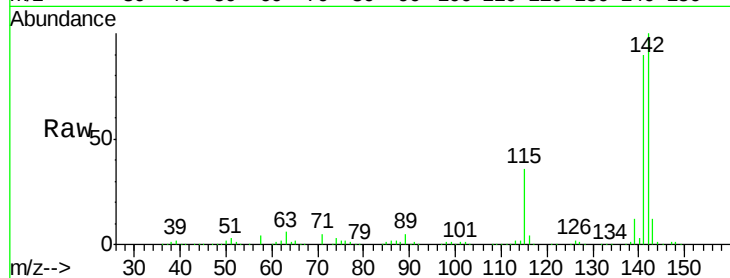
Tgt Ion:142 Resp: 919116

Ion Ratio Lower Upper

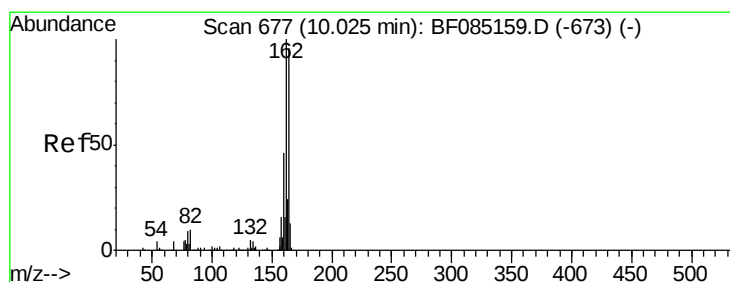
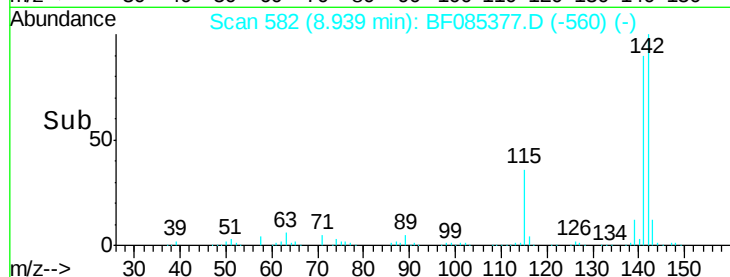
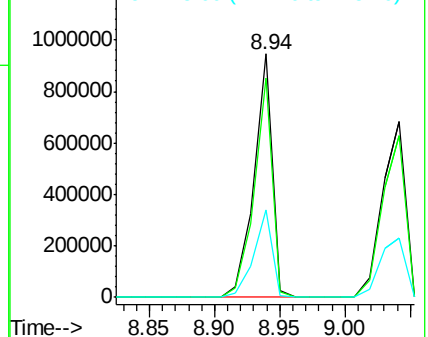
142 100

141 90.1 71.7 107.5

115 35.9 26.2 39.4



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

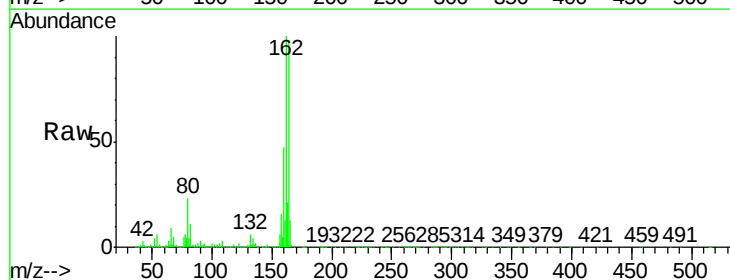
Tgt Ion:164 Resp: 295908

Ion Ratio Lower Upper

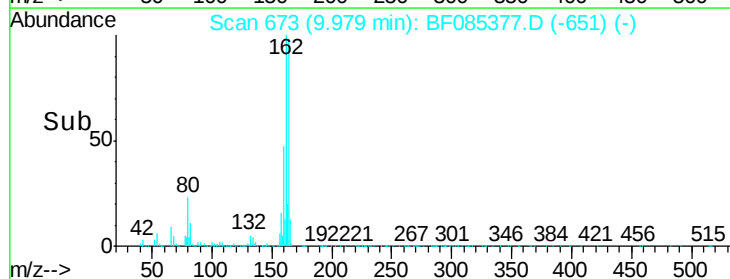
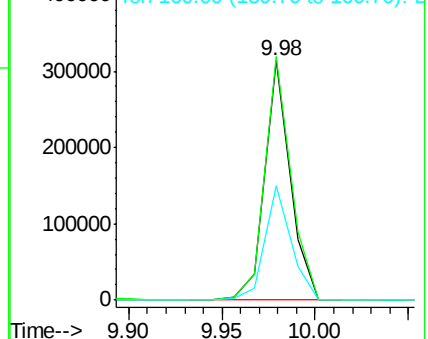
164 100

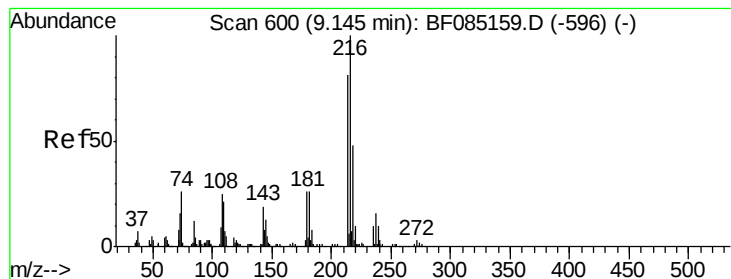
162 101.8 83.3 124.9

160 47.6 37.9 56.9



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.31 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

Tgt Ion:216 Resp: 349580

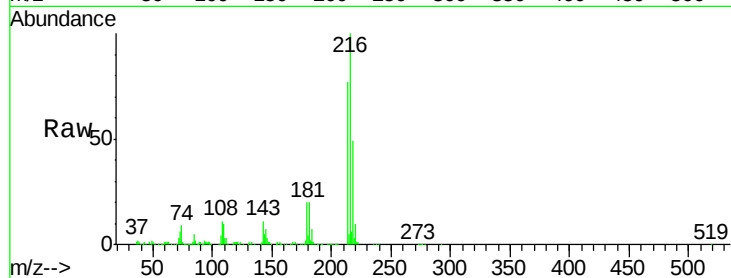
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 22.8 19.6 29.4

108 23.3 19.6 29.4

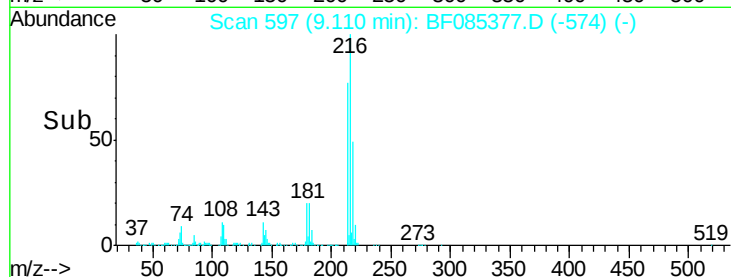


Abundance Ion 216.00 (215.70 to 216.70): E

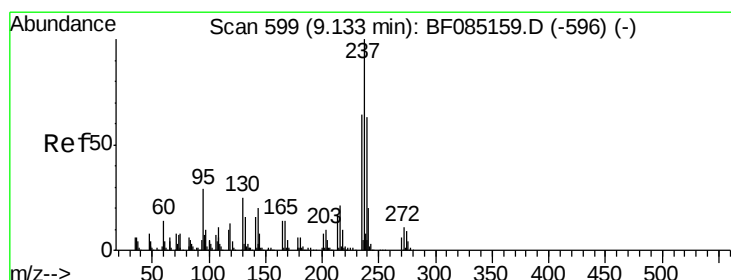
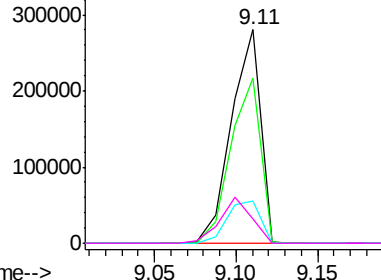
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 81.56 ng

RT: 9.09 min Scan# 595

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

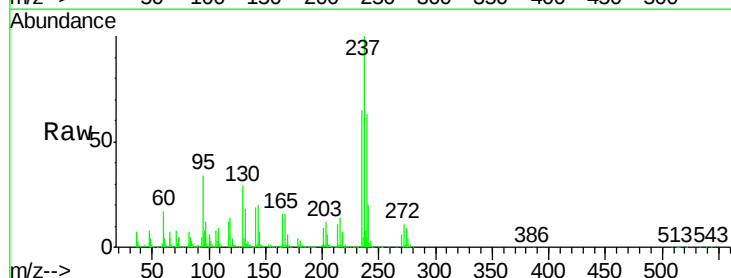
Tgt Ion:237 Resp: 372265

Ion Ratio Lower Upper

237 100

235 64.8 43.7 83.7

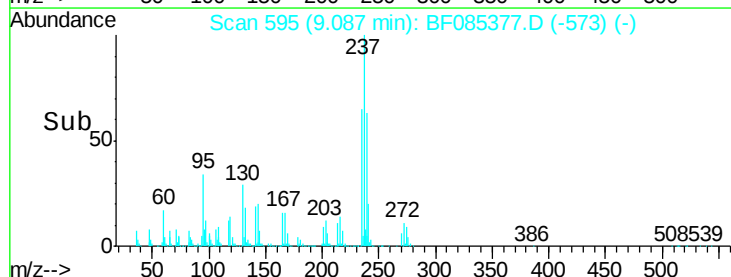
272 11.2 0.0 31.5



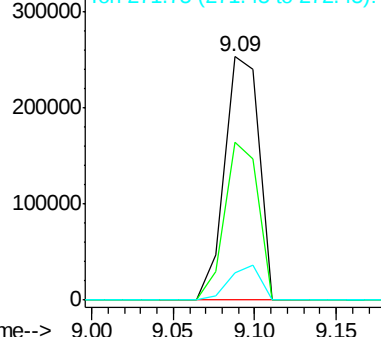
Abundance Ion 236.80 (236.50 to 237.50): E

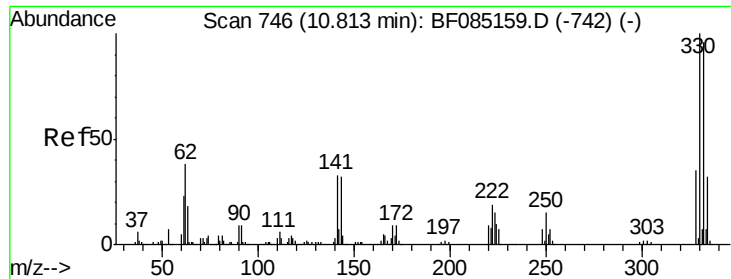
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

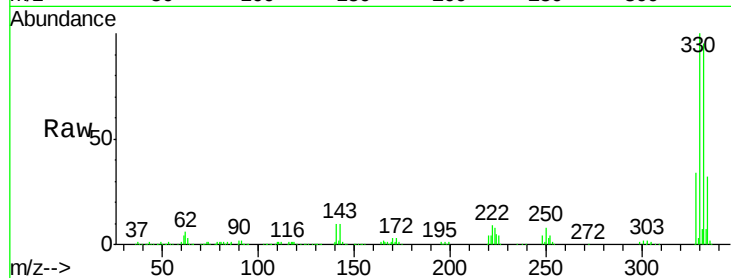




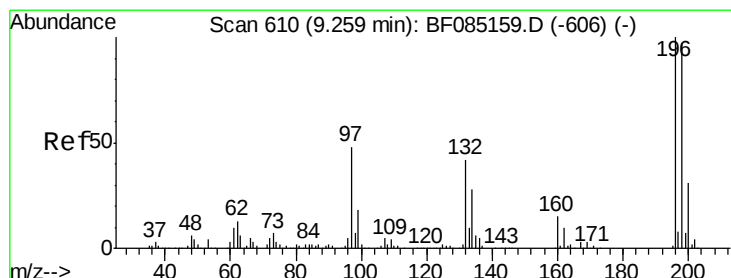
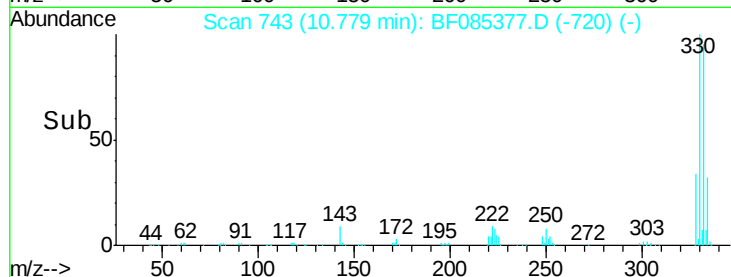
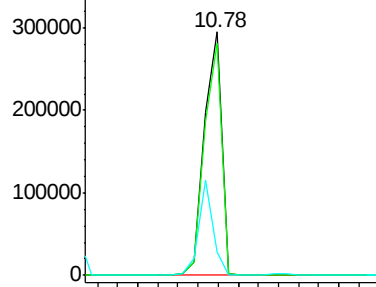
#41
 2,4,6-Tribromophenol
 Concen: 139.38 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion:330 Resp: 352918
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 32.8 35.0 52.6#

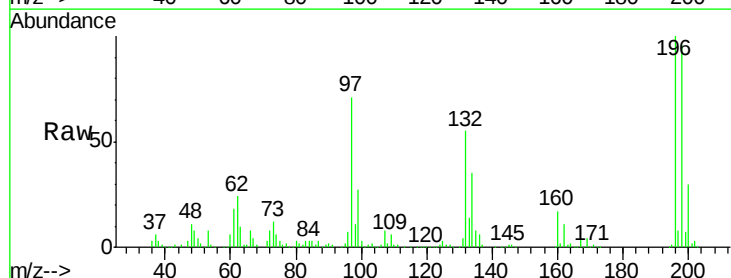


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

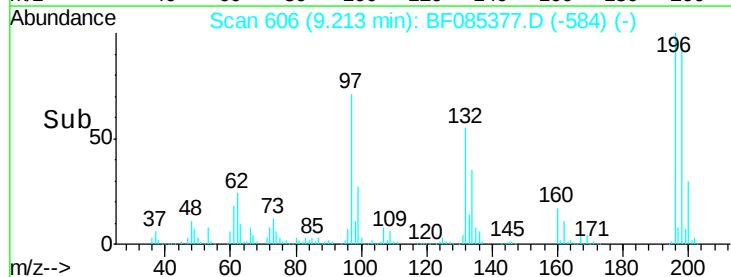
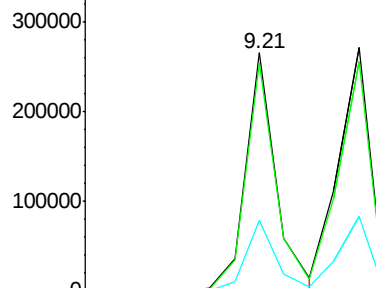


#42
 2,4,6-Trichlorophenol
 Concen: 41.12 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion:196 Resp: 259041
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.8 116.6
 200 30.0 25.0 37.6



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

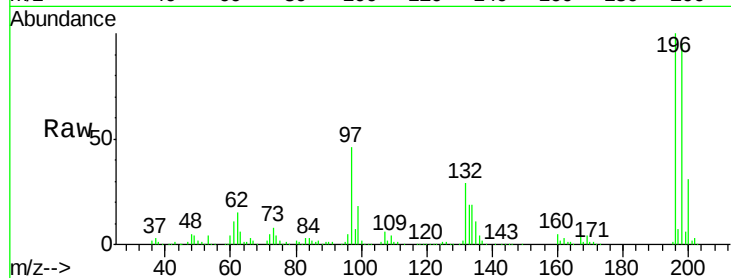




#43
 2,4,5-Trichlorophenol
 Concen: 45.34 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
97	46.0	46.4	69.6
132	29.0	26.2	39.4



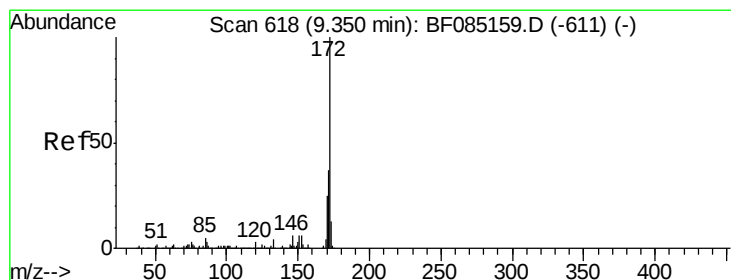
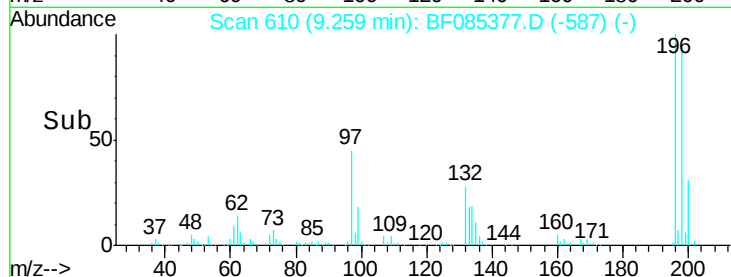
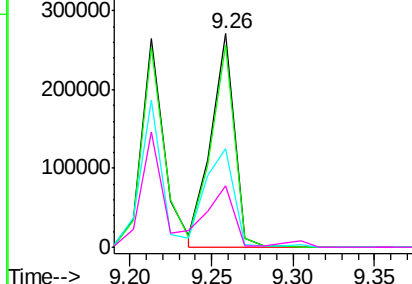
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

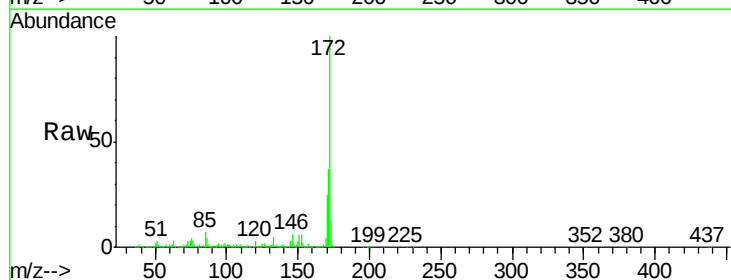
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.81 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.3	43.9
170	24.8	20.0	30.0

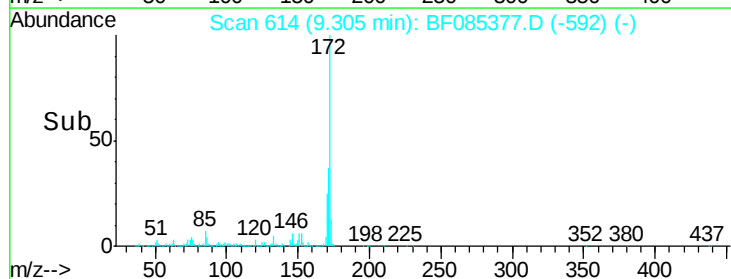
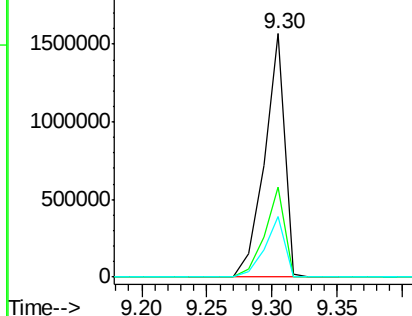


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

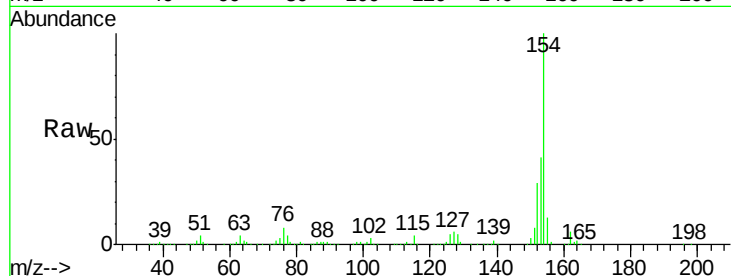




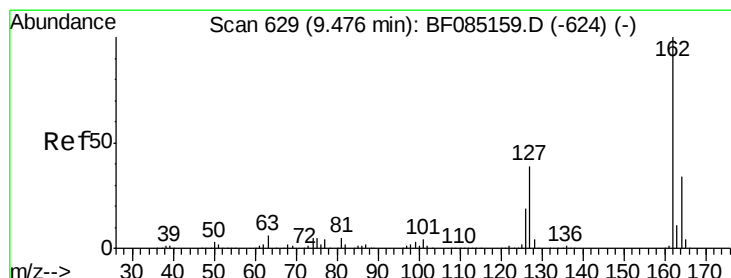
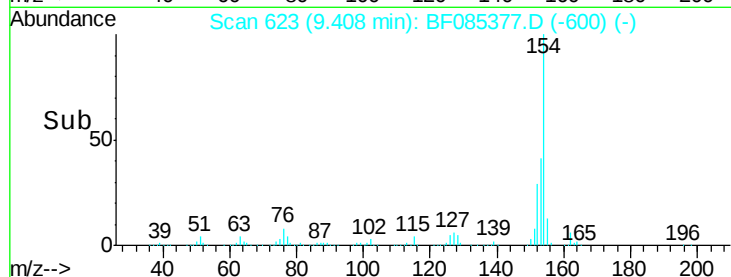
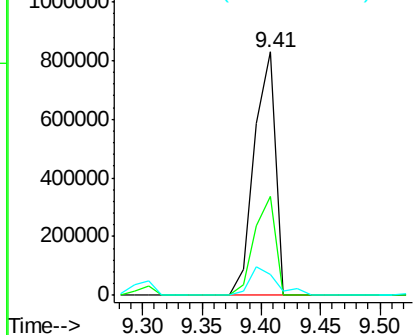
#45
 1,1'-Biphenyl
 Concen: 41.04 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampled :
 PB88818BS

Tgt Ion:154 Resp: 1037529
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.4 61.4
 76 8.5 0.0 37.5

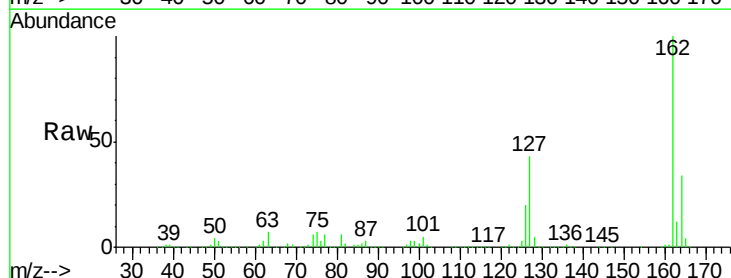


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

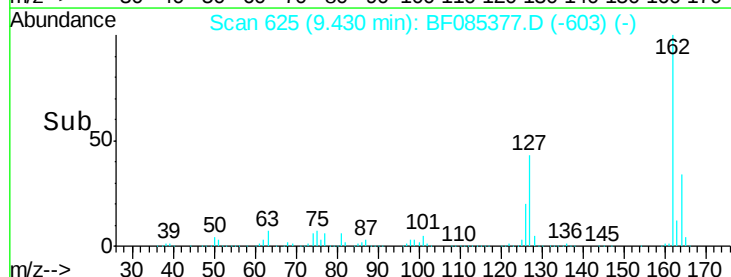
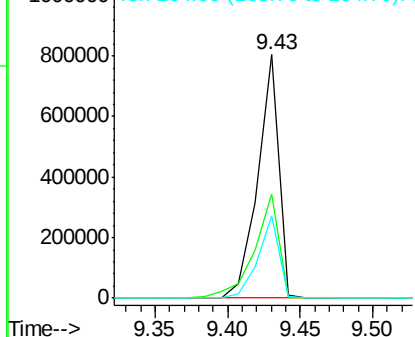


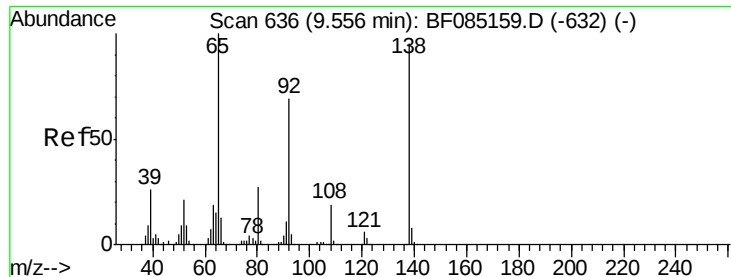
#46
 2-Chloronaphthalene
 Concen: 41.93 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion:162 Resp: 808053
 Ion Ratio Lower Upper
 162 100
 127 42.6 31.6 47.4
 164 33.7 27.1 40.7



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

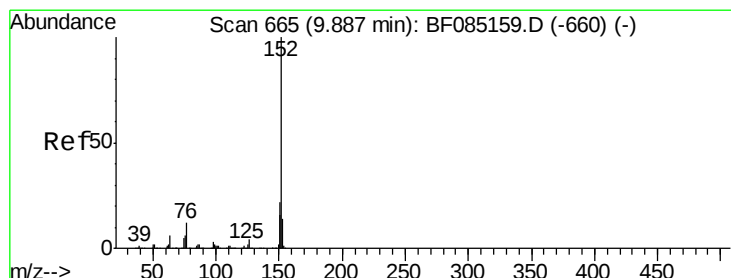
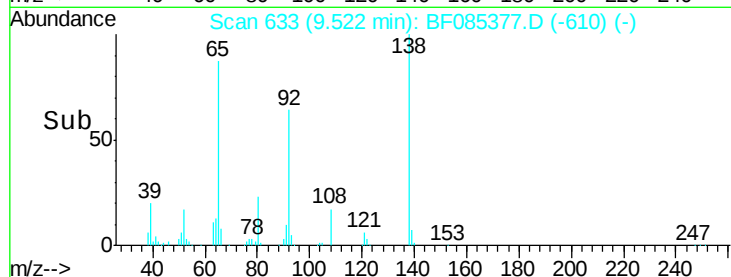
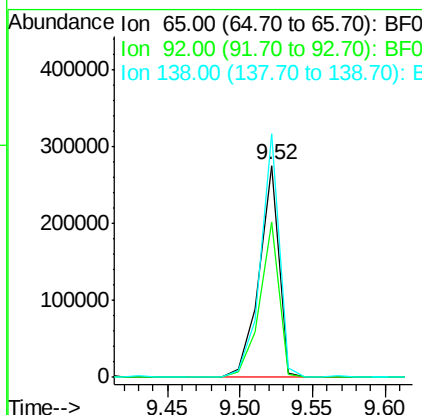
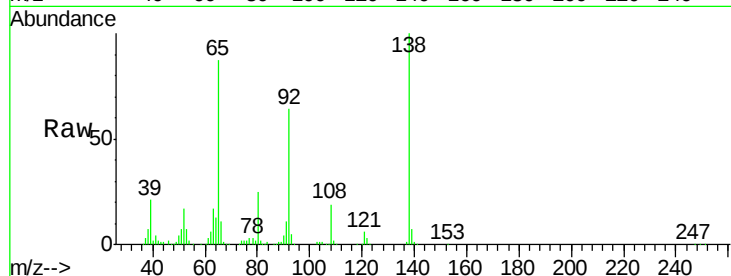




#47
2-Nitroaniline
Concen: 43.77 ng
RT: 9.52 min Scan# 633
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

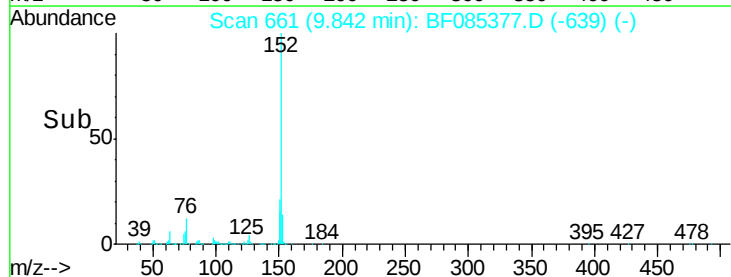
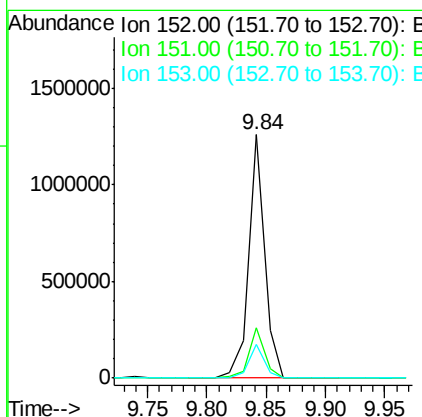
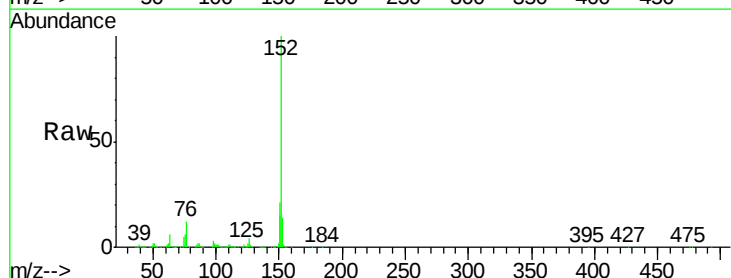
Instrument :
BNA_F
ClientSampleId :
PB88818BS

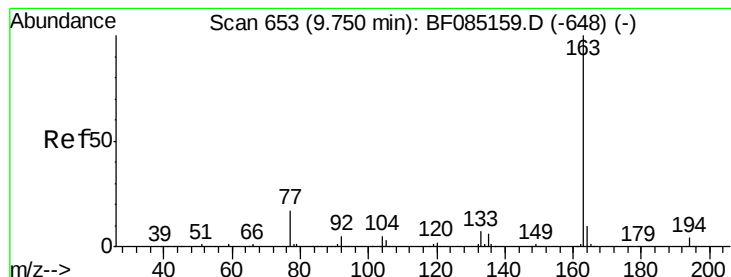
Tgt Ion: 65 Resp: 261373
Ion Ratio Lower Upper
65 100
92 73.3 55.4 83.2
138 114.8 75.7 113.5#



#48
Acenaphthylene
Concen: 39.66 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion: 152 Resp: 1189617
Ion Ratio Lower Upper
152 100
151 20.7 17.5 26.3
153 13.7 11.3 16.9





#49

Dimethylphthalate

Concen: 40.69 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

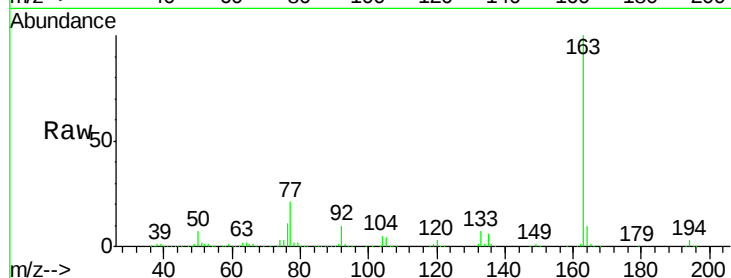
Tgt Ion:163 Resp: 924061

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

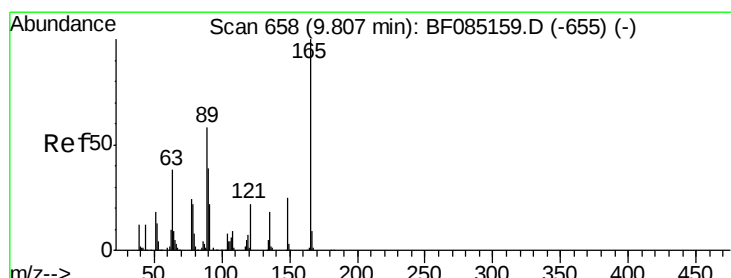
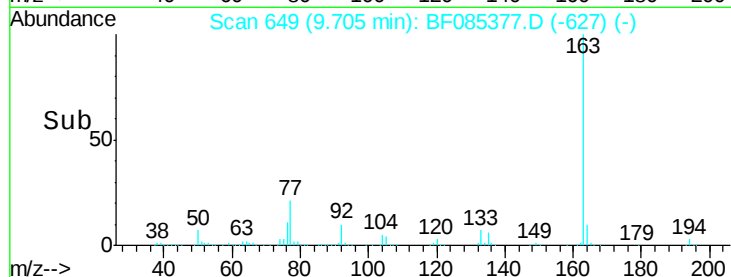
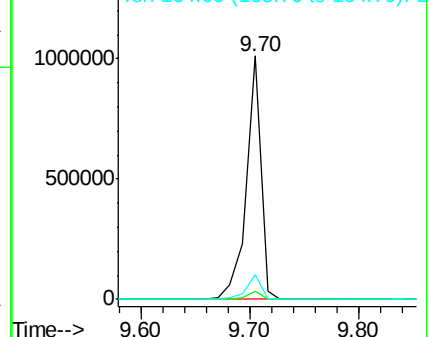
164 10.3 8.2 12.4



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: 38.00 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

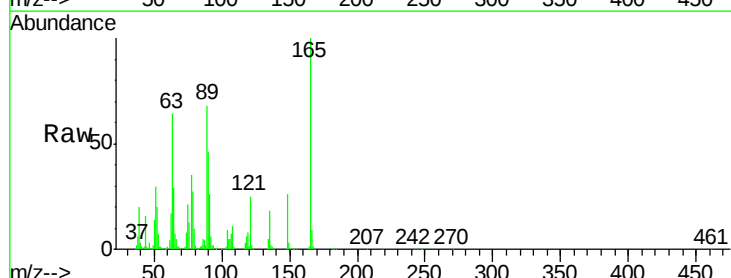
Tgt Ion:165 Resp: 184646

Ion Ratio Lower Upper

165 100

63 64.4 41.8 62.8#

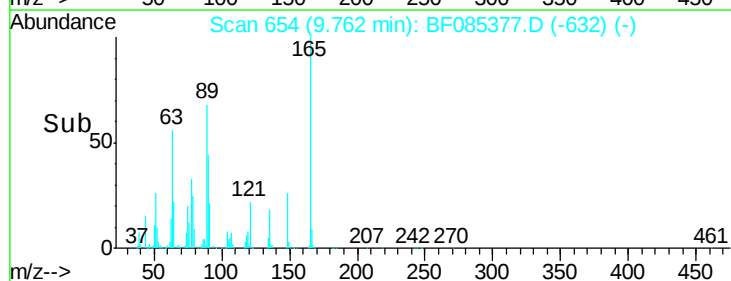
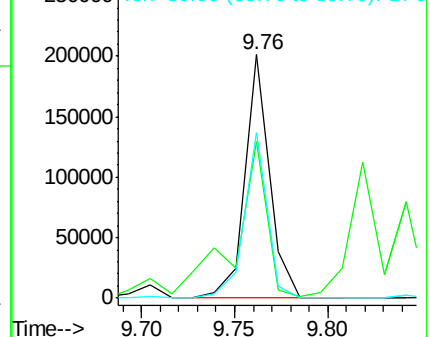
89 68.2 46.7 70.1

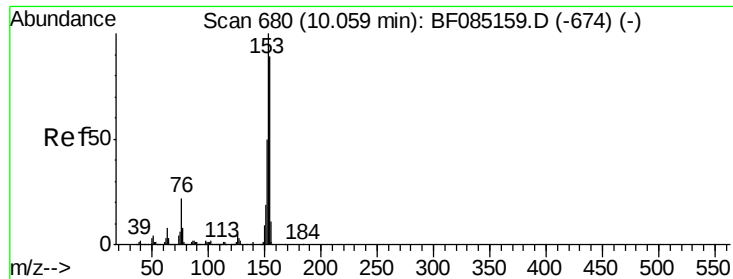


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.63 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

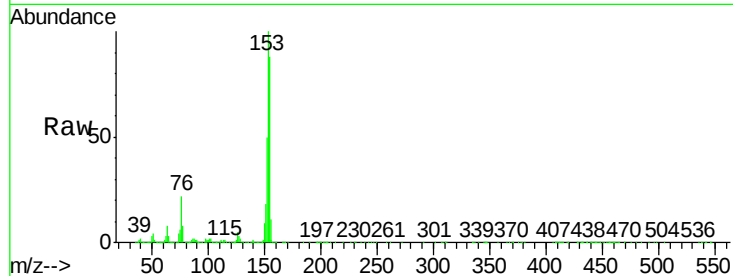
Tgt Ion:154 Resp: 794612

Ion Ratio Lower Upper

154 100

153 113.2 89.8 134.8

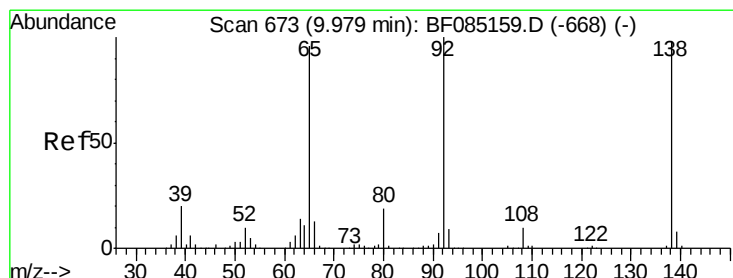
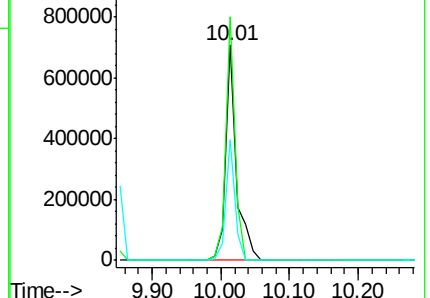
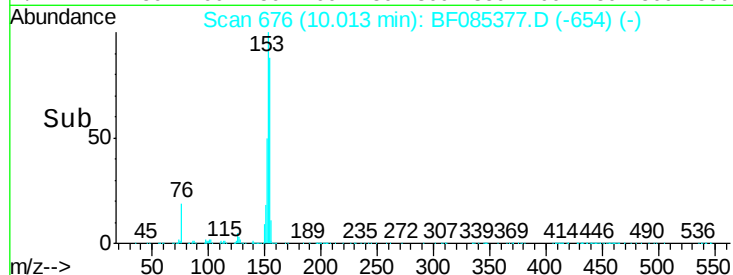
152 56.3 44.6 66.8



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: 20.54 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

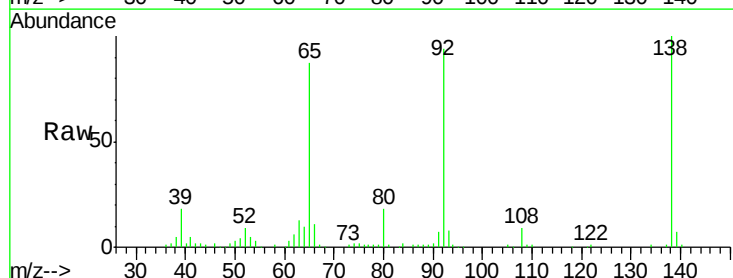
Tgt Ion:138 Resp: 119411

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.6

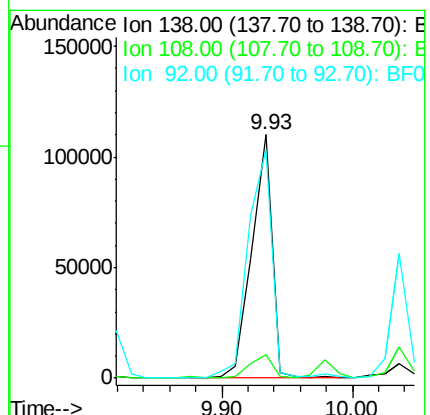
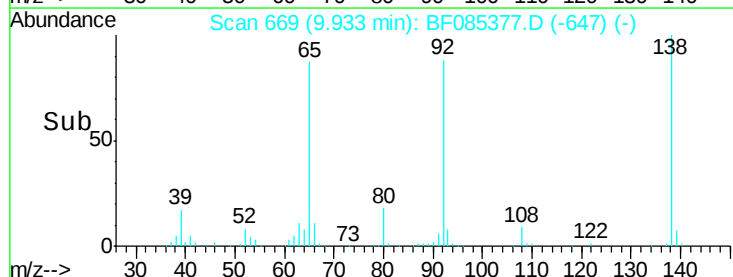
92 93.6 81.3 121.9

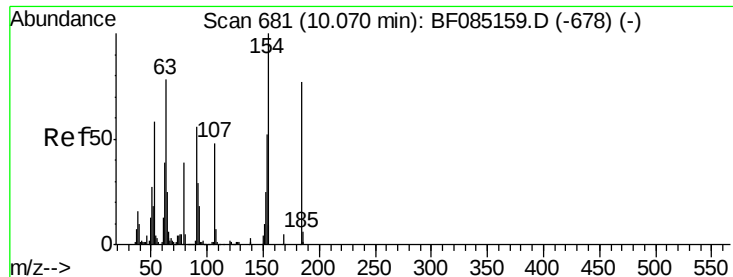


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

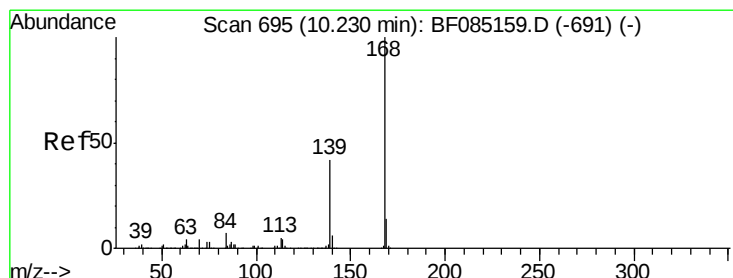
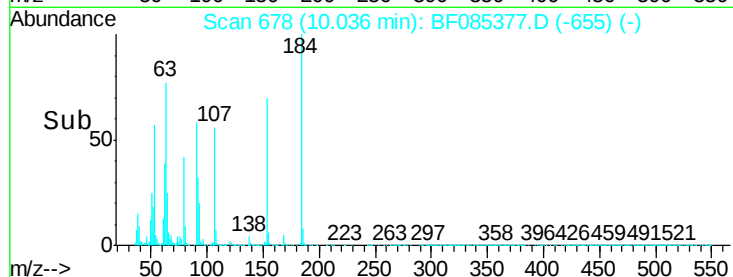
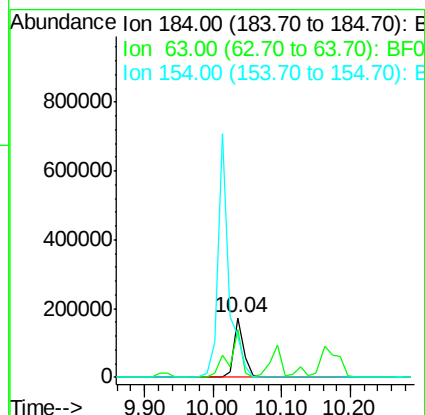
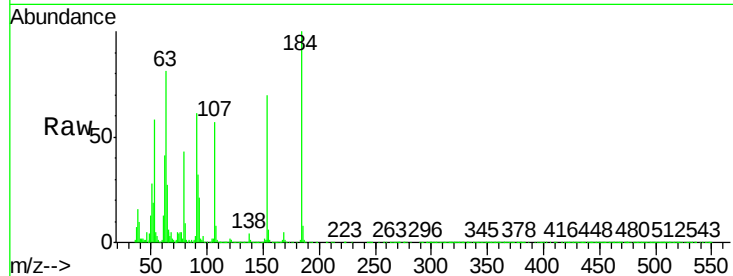




#53
2,4-Dinitrophenol
Concen: 73.06 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

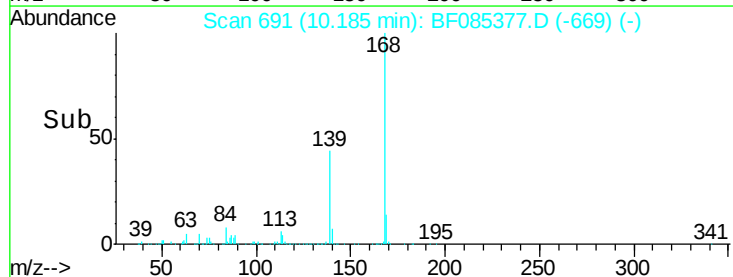
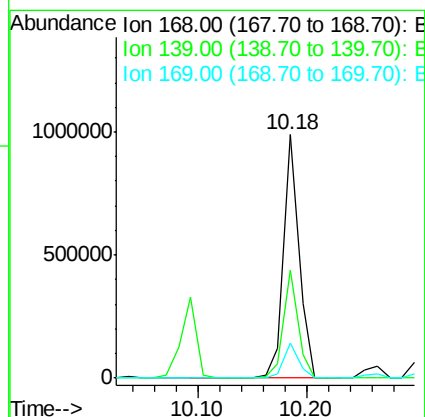
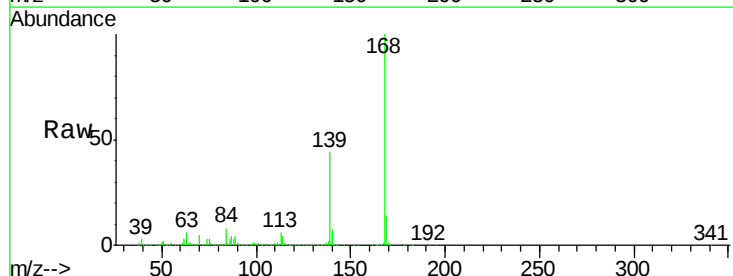
Instrument :
BNA_F
ClientSampleId :
PB88818BS

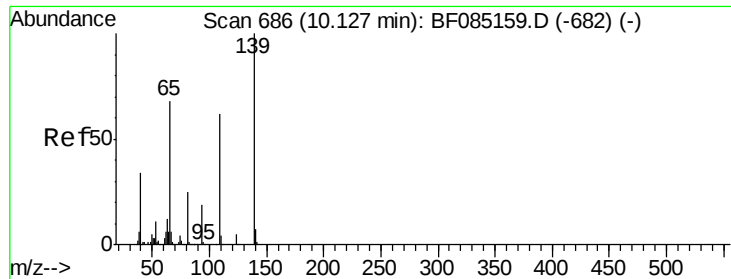
Tgt Ion:184 Resp: 178228
Ion Ratio Lower Upper
184 100
63 80.6 82.2 123.4#
154 69.9 108.9 163.3#



#54
Dibenzofuran
Concen: 41.13 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion:168 Resp: 981281
Ion Ratio Lower Upper
168 100
139 44.3 33.6 50.4
169 14.3 11.2 16.8





#55

4-Nitrophenol

Concen: 73.68 ng

RT: 10.09 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

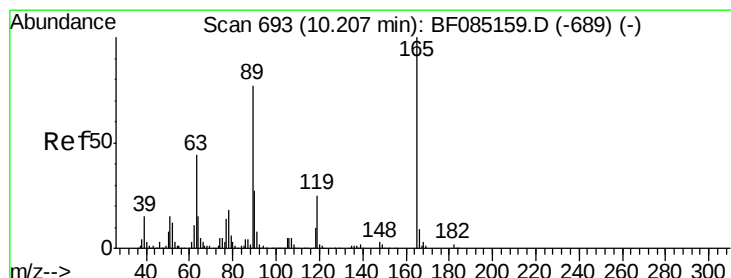
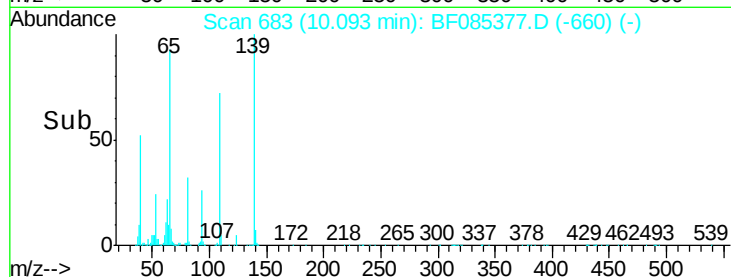
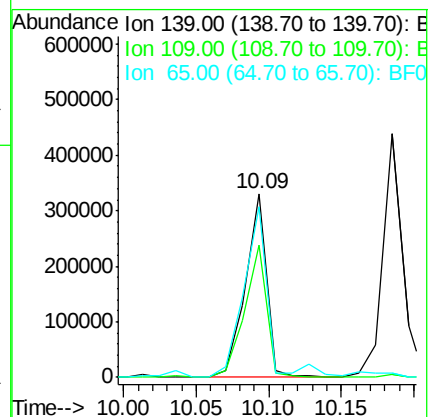
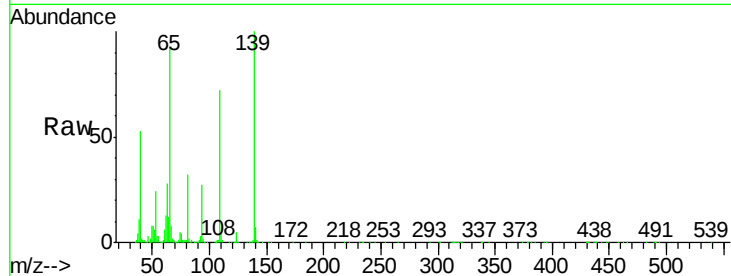
Tgt Ion:139 Resp: 336592

Ion Ratio Lower Upper

139 100

109 72.2 41.9 81.9

65 93.0 48.3 88.3#



#56

2,4-Dinitrotoluene

Concen: 44.86 ng

RT: 10.17 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:165 Resp: 278982

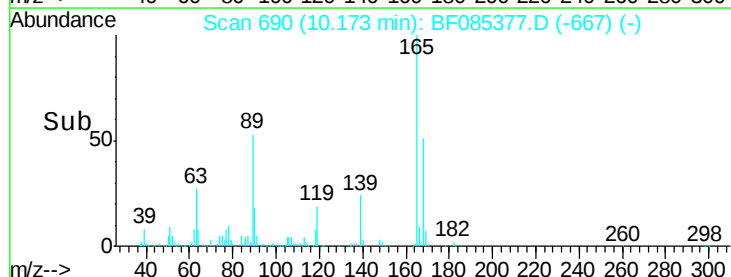
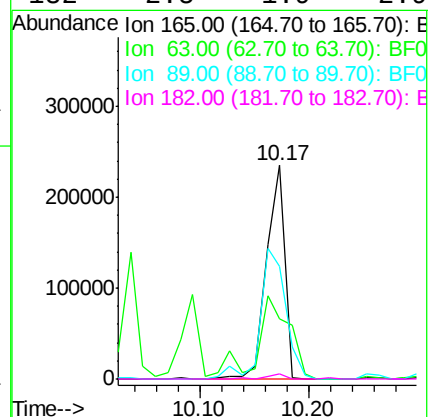
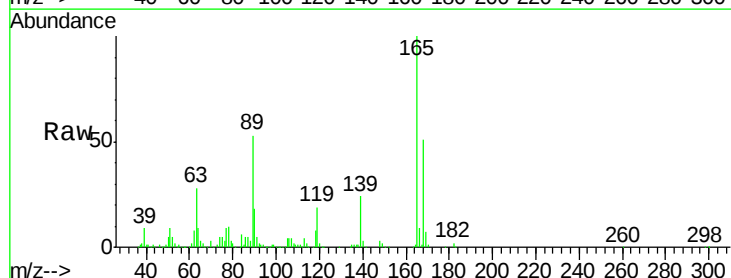
Ion Ratio Lower Upper

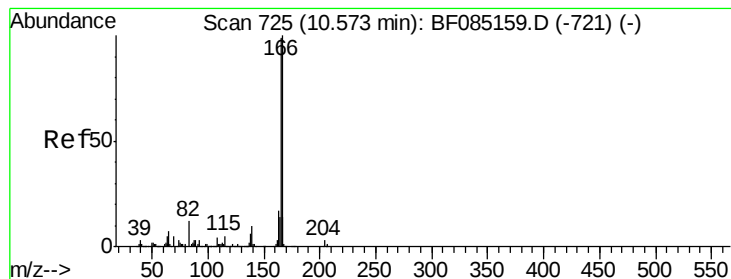
165 100

63 28.1 35.4 53.0#

89 52.9 61.9 92.9#

182 2.5 1.9 2.9





#57

Fluorene

Concen: 39.97 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

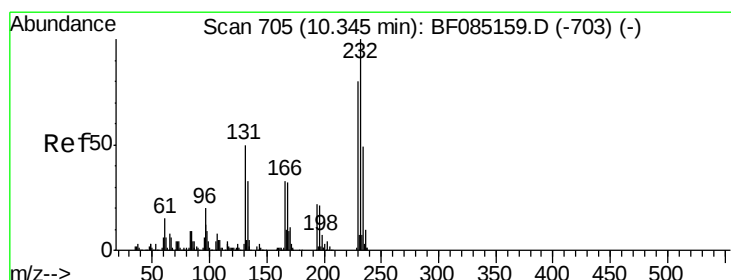
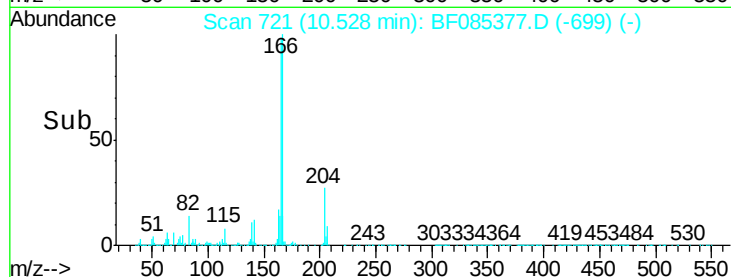
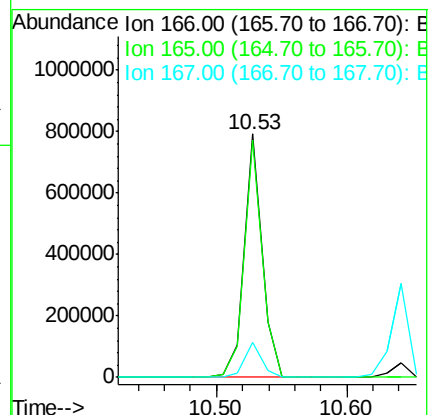
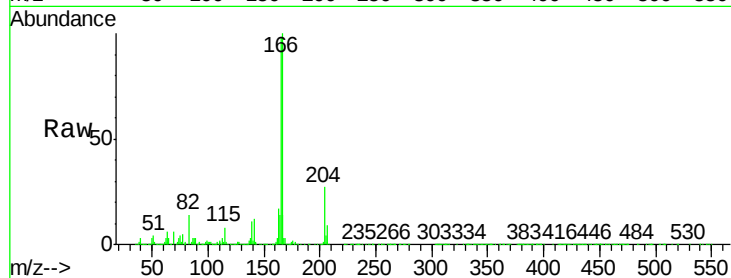
Tgt Ion:166 Resp: 749140

Ion Ratio Lower Upper

166 100

165 97.7 79.4 119.0

167 14.1 11.0 16.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.29 ng

RT: 10.30 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:232 Resp: 185829

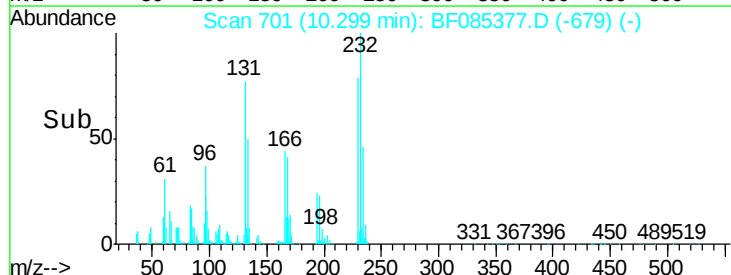
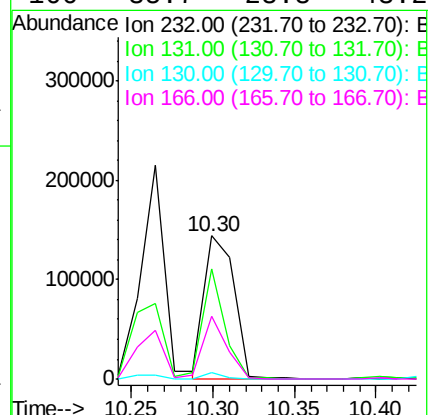
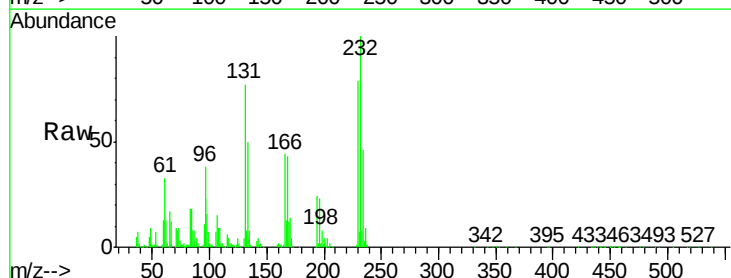
Ion Ratio Lower Upper

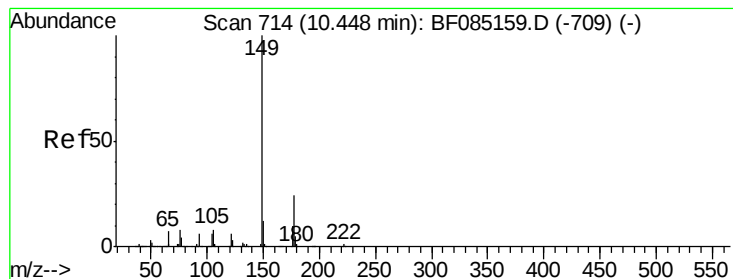
232 100

131 57.5 46.0 69.0

130 3.2 2.2 3.4

166 35.7 28.8 43.2





#59

Diethylphthalate

Concen: 39.29 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

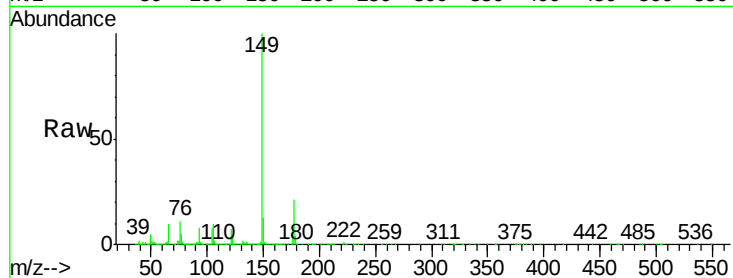
Tgt Ion:149 Resp: 865946

Ion Ratio Lower Upper

149 100

177 21.4 19.2 28.8

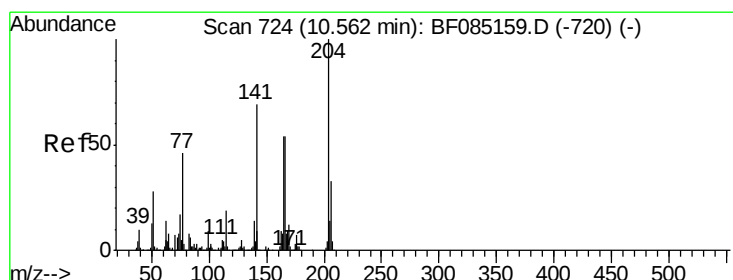
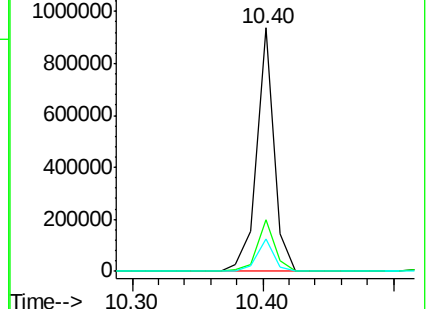
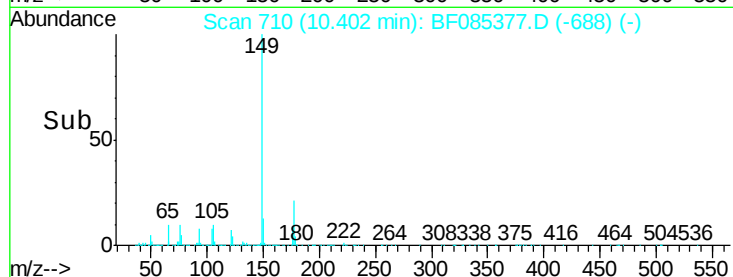
150 13.1 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.77 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

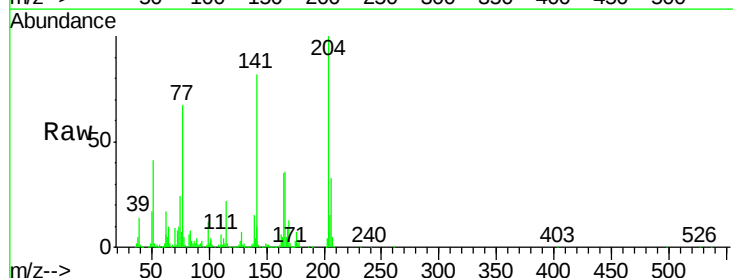
Tgt Ion:204 Resp: 362648

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

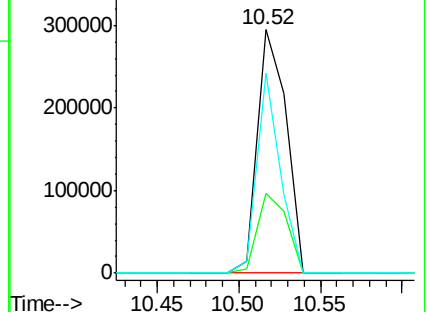
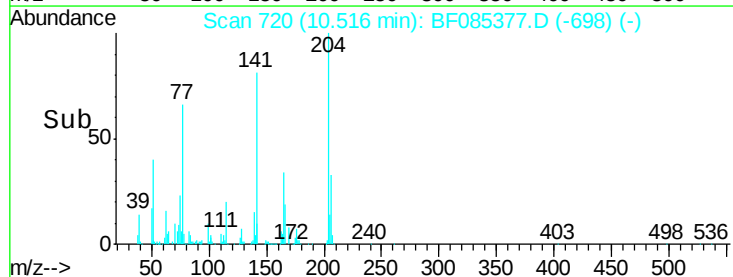
141 82.0 55.4 83.2

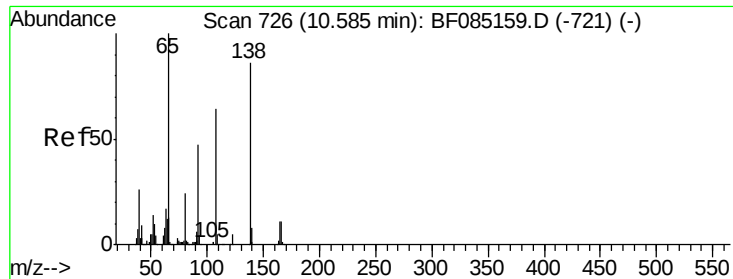


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

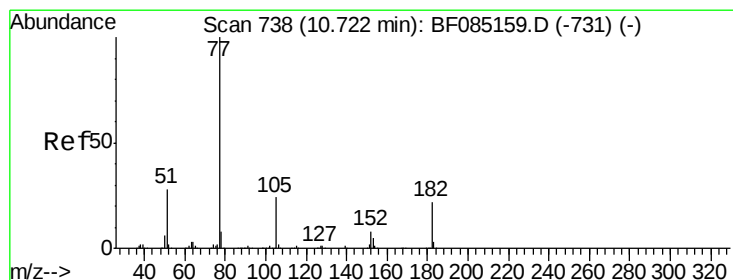
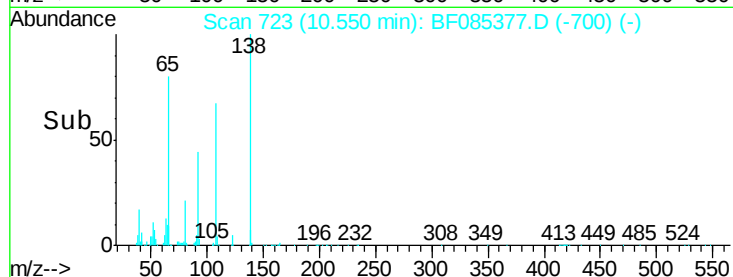
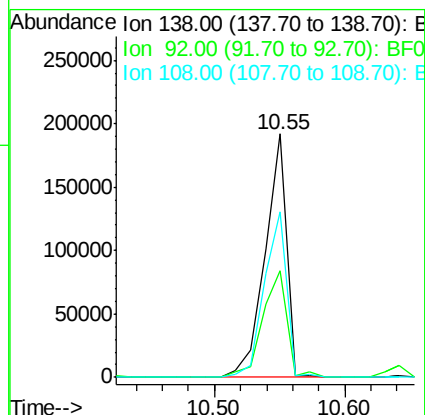
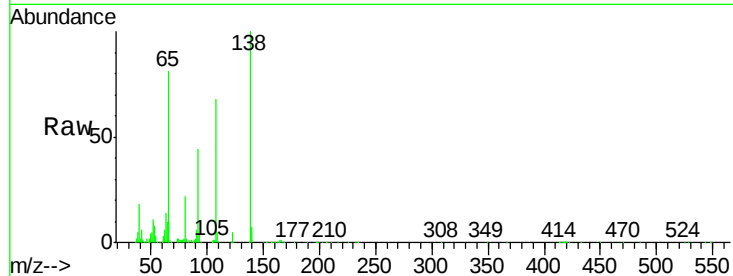




#61
4-Nitroaniline
Concen: 40.96 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

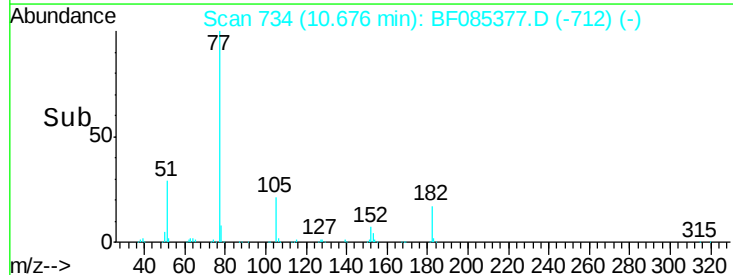
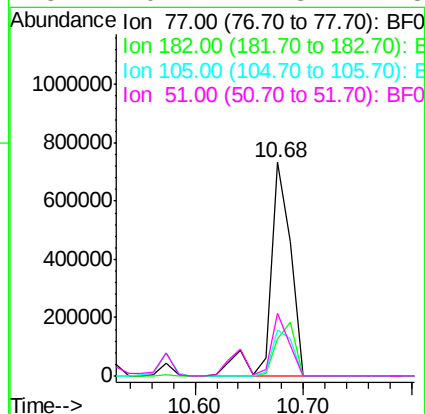
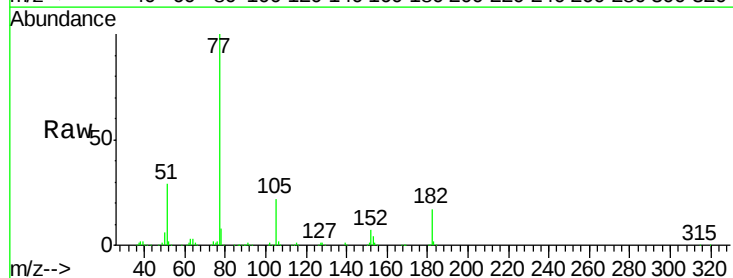
Instrument :
BNA_F
ClientSampleId :
PB88818BS

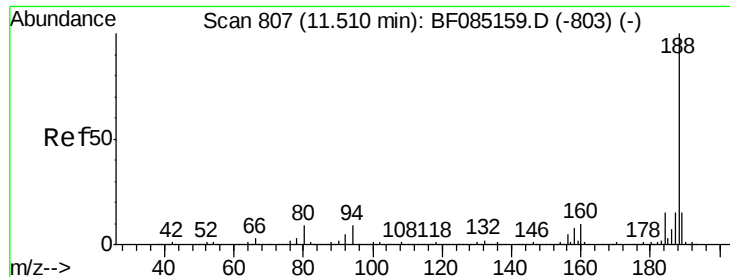
Tgt Ion: 138 Resp: 222688
Ion Ratio Lower Upper
138 100
92 44.0 34.2 74.2
108 67.7 53.9 93.9



#62
Azobenzene
Concen: 44.35 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion: 77 Resp: 963073
Ion Ratio Lower Upper
77 100
182 17.1 2.1 42.1
105 21.6 3.8 43.8
51 29.4 7.8 47.8

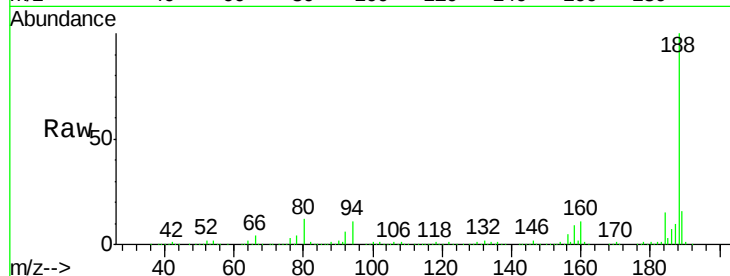




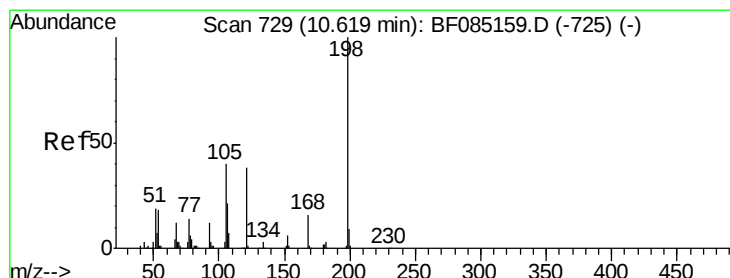
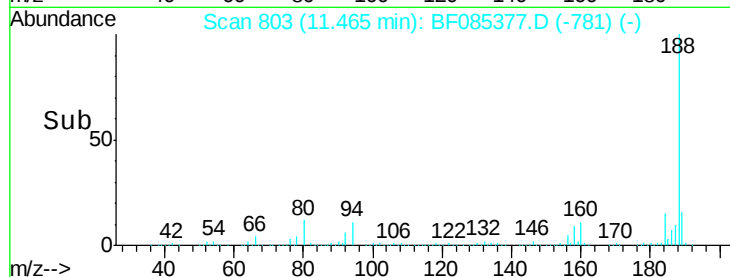
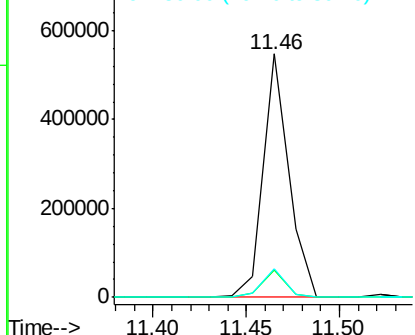
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion:188 Resp: 515394
 Ion Ratio Lower Upper
 188 100
 94 11.1 7.0 10.6#
 80 11.8 7.4 11.0#

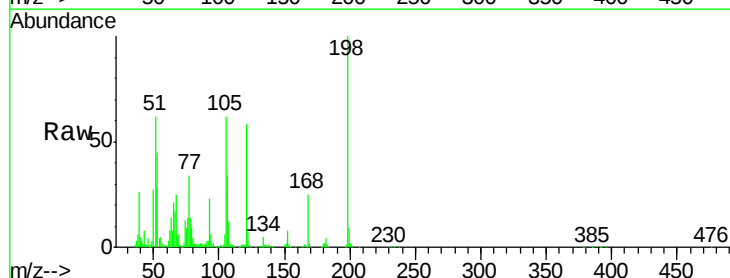


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

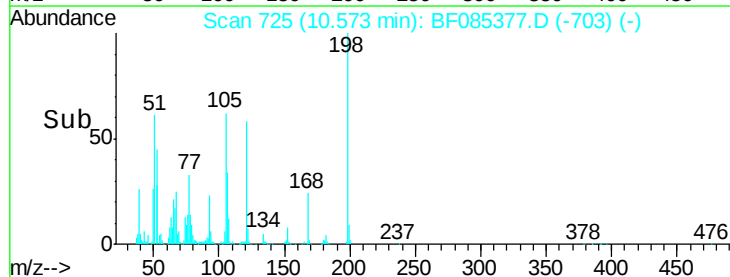
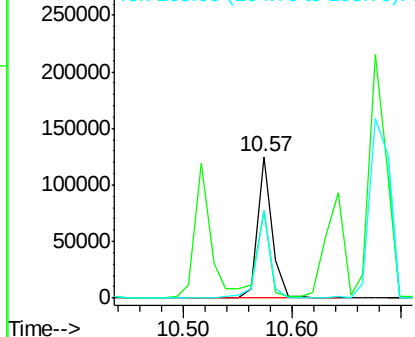


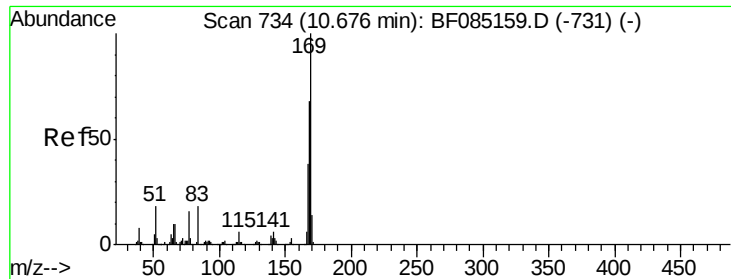
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.94 ng
 RT: 10.57 min Scan# 725
 Delta R.T. -0.04 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion:198 Resp: 117080
 Ion Ratio Lower Upper
 198 100
 51 61.9 9.5 49.5#
 105 61.6 20.5 60.5#



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

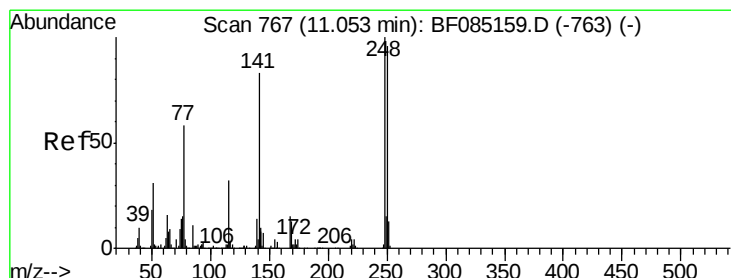
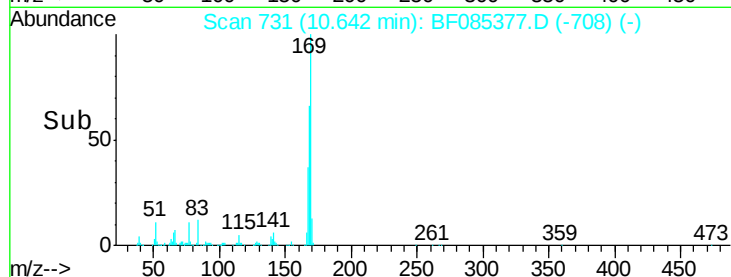
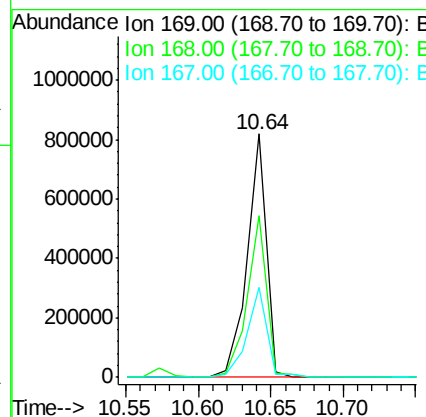
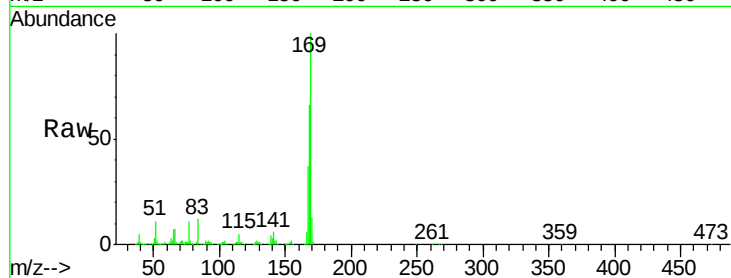




#65
n-Nitrosodiphenylamine
Concen: 46.97 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

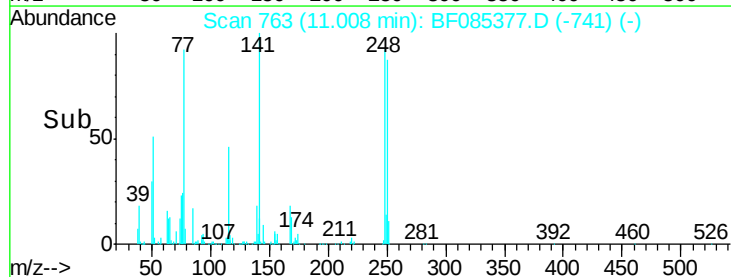
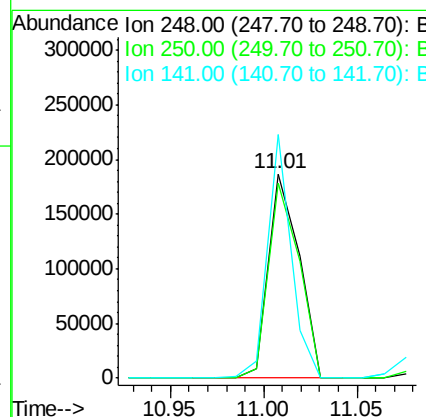
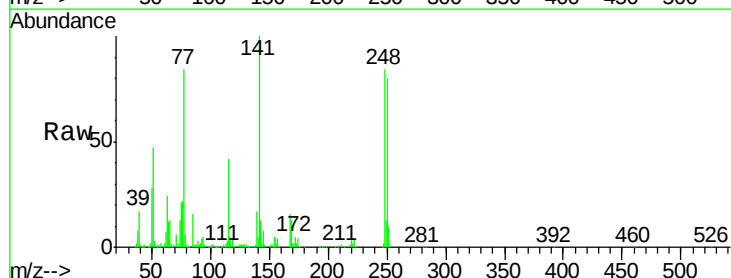
Instrument :
BNA_F
ClientSampleId :
PB88818BS

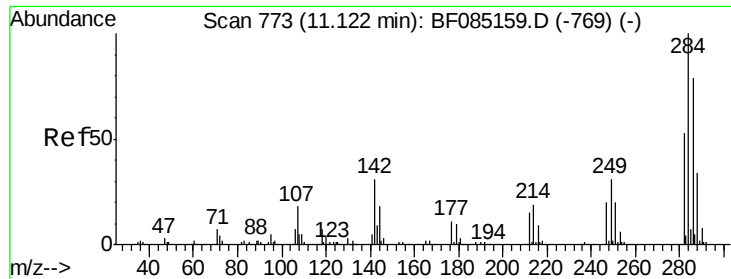
Tgt Ion:169 Resp: 753013
Ion Ratio Lower Upper
169 100
168 66.4 54.8 82.2
167 37.1 30.3 45.5



#66
4-Bromophenyl-phenylether
Concen: 42.16 ng
RT: 11.01 min Scan# 763
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion:248 Resp: 211005
Ion Ratio Lower Upper
248 100
250 95.4 77.1 115.7
141 119.2 66.2 99.2#

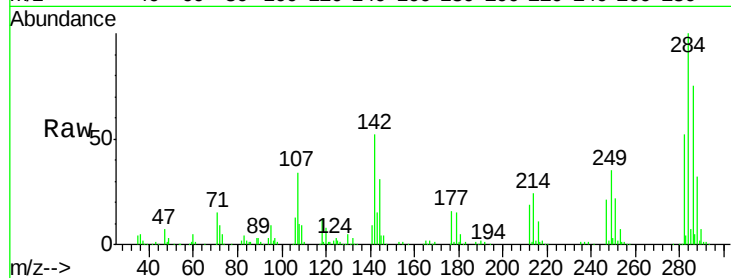




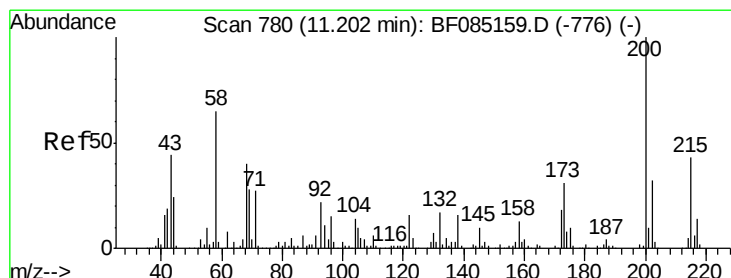
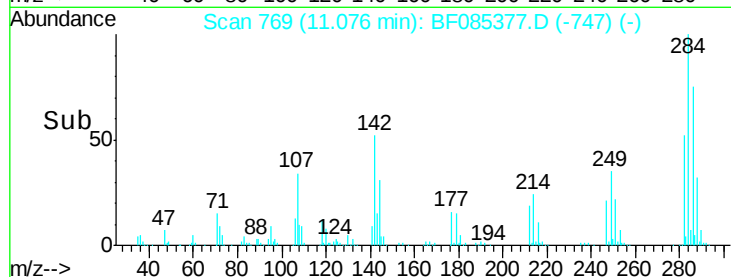
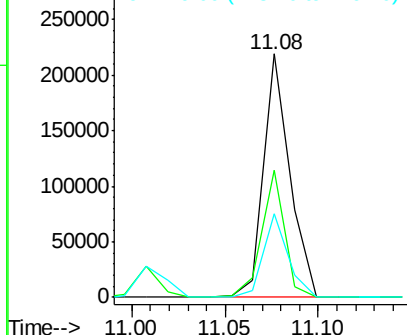
#67
Hexachlorobenzene
Concen: 40.47 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion: 284 Resp: 216051
Ion Ratio Lower Upper
284 100
142 52.4 24.9 37.3#
249 34.6 25.0 37.4

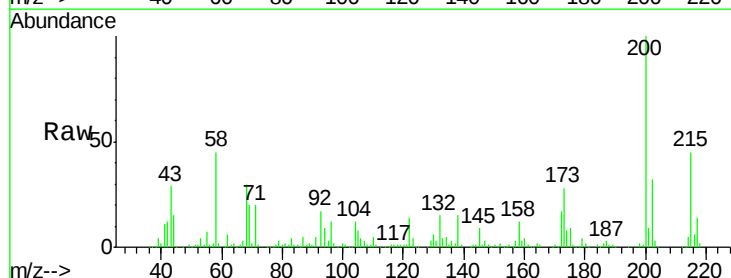


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

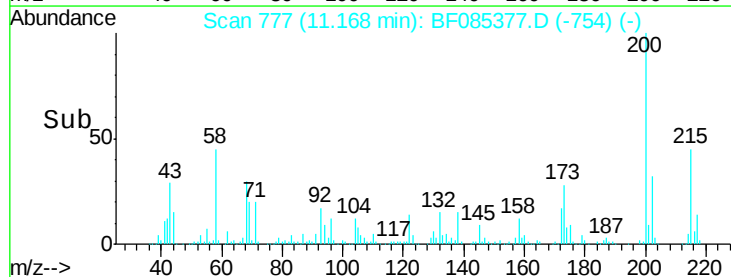
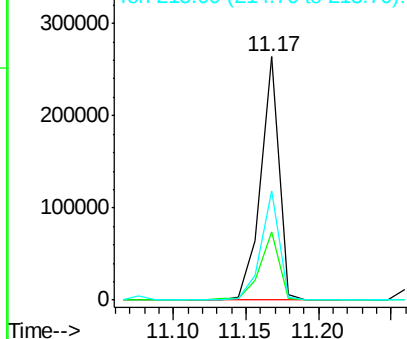


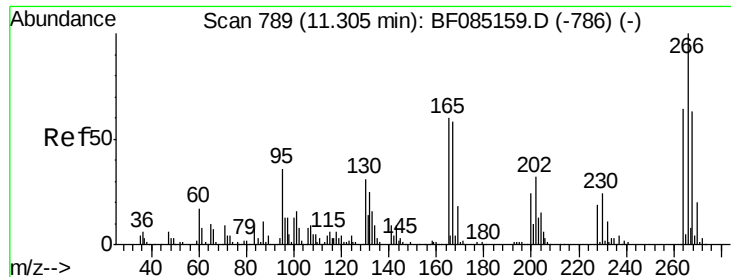
#68
Atrazine
Concen: 52.14 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion: 200 Resp: 232430
Ion Ratio Lower Upper
200 100
173 28.1 10.5 50.5
215 44.6 23.4 63.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

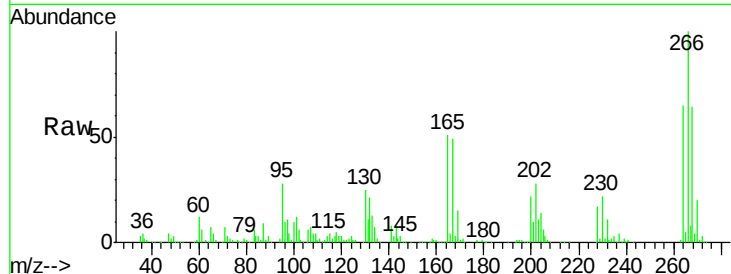




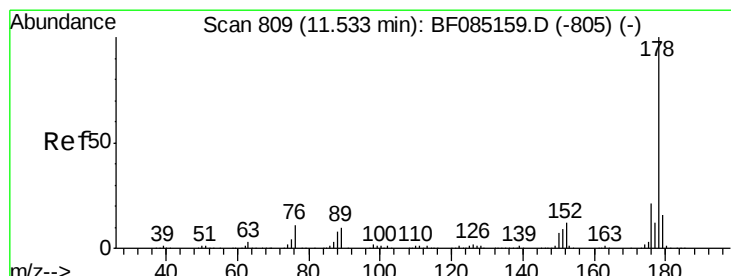
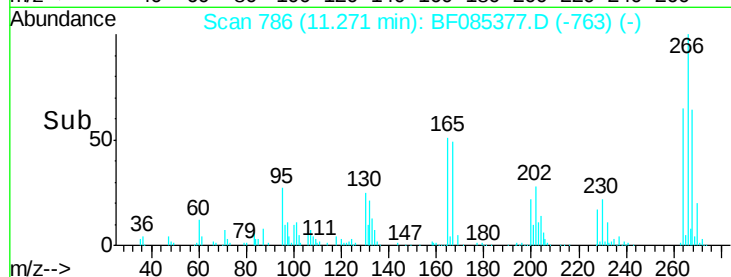
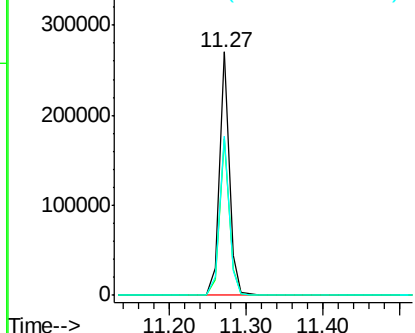
#69
 Pentachlorophenol
 Concen: 82.41 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion:266 Resp: 244218
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.0 75.0
 264 65.1 51.4 77.2

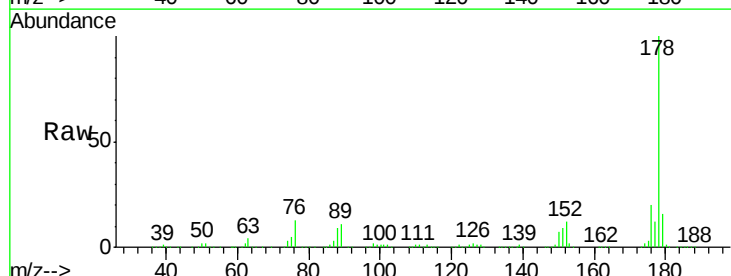


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

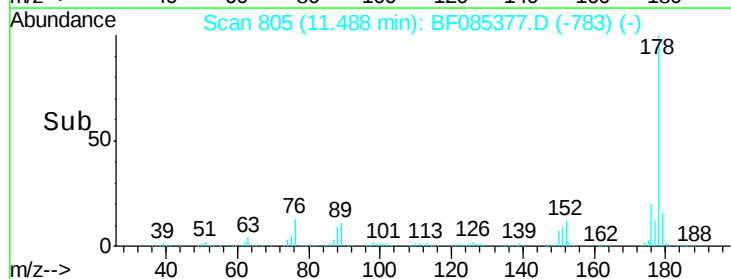
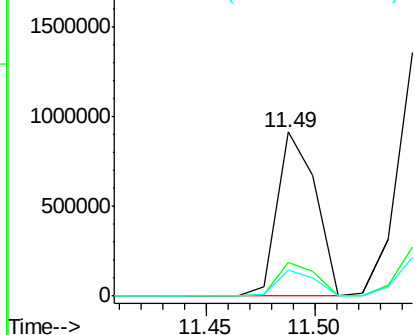


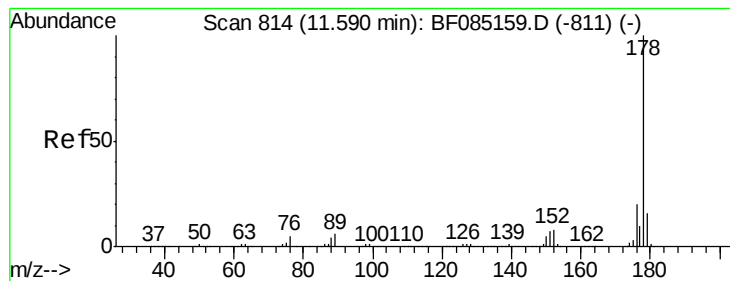
#70
 Phenanthrene
 Concen: 41.59 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion:178 Resp: 1123289
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.8 25.2
 179 16.1 13.1 19.7



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: 41.44 ng

RT: 11.54 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

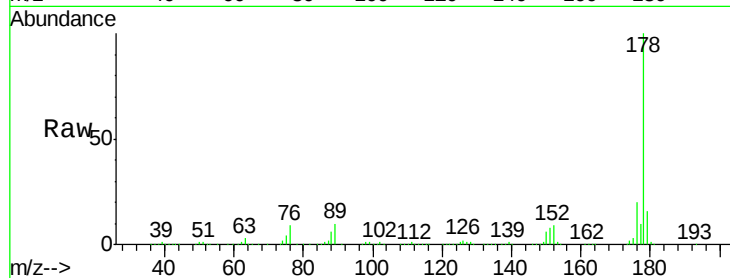
Tgt Ion:178 Resp: 1188387

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

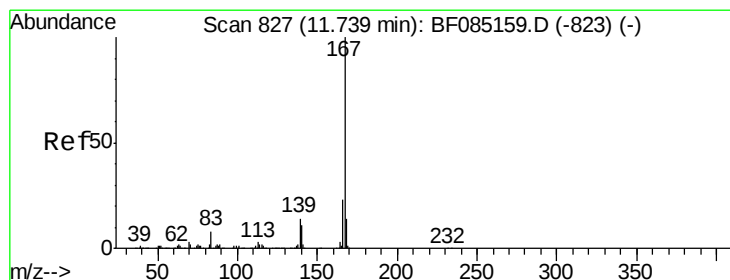
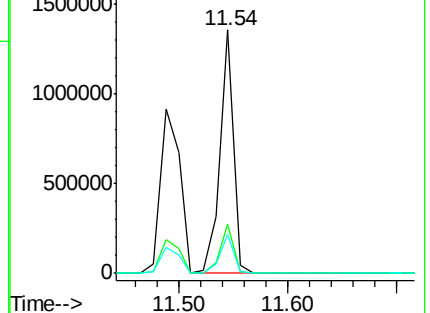
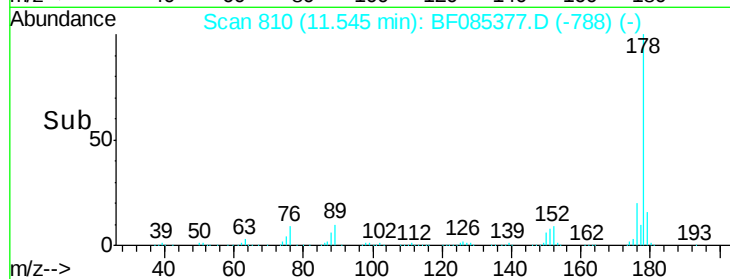
179 16.0 12.5 18.7



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: 36.71 ng

RT: 11.69 min Scan# 823

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

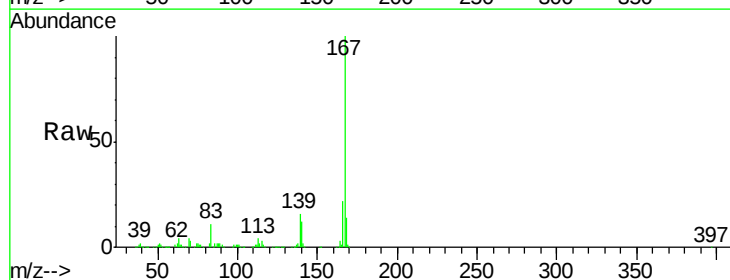
Tgt Ion:167 Resp: 923090

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

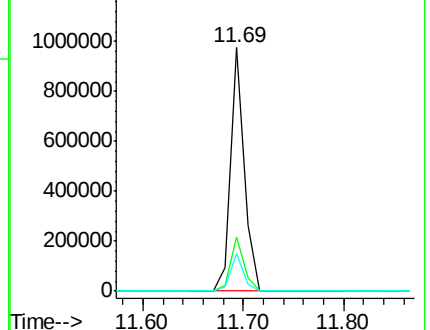
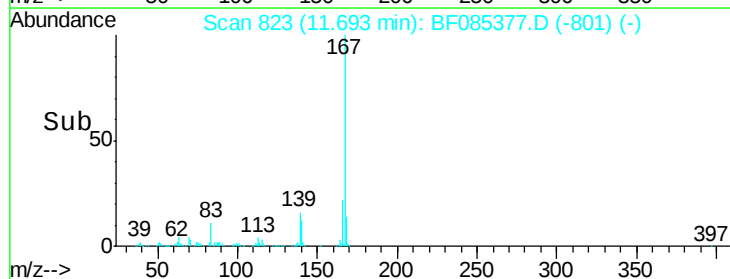
139 15.6 11.4 17.0

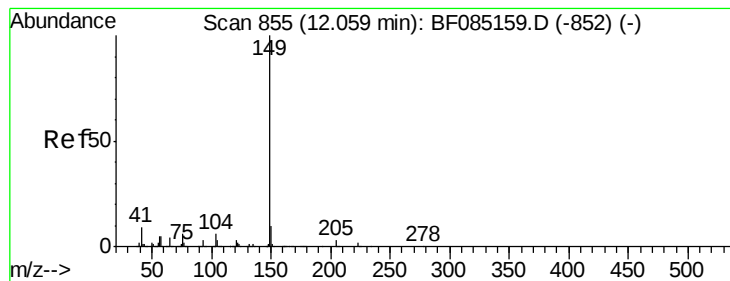


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.67 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

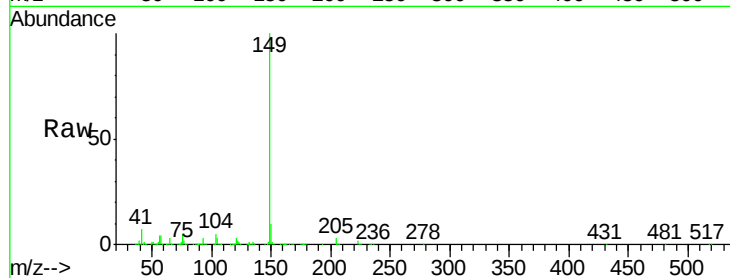
Tgt Ion:149 Resp: 1228965

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

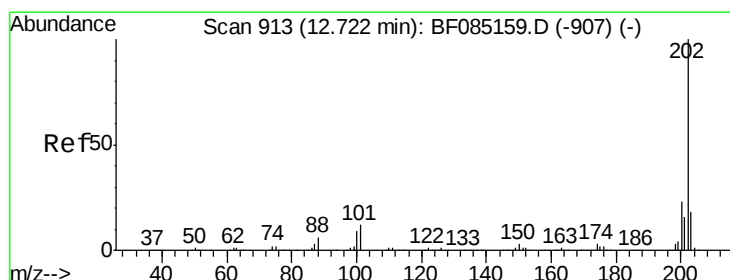
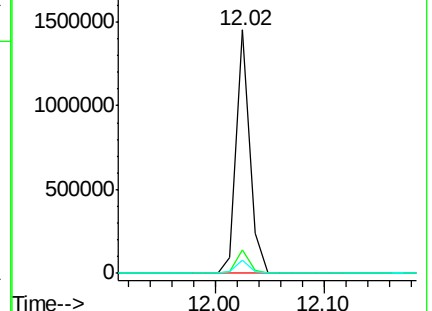
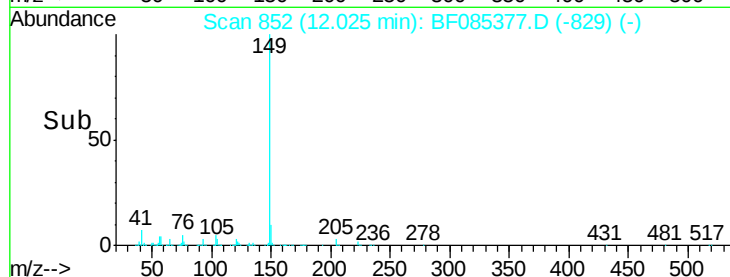
104 5.3 4.7 7.1



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: 33.69 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

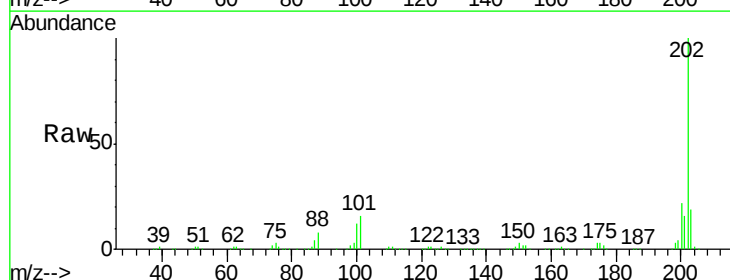
Tgt Ion:202 Resp: 913216

Ion Ratio Lower Upper

202 100

101 15.7 0.0 31.8

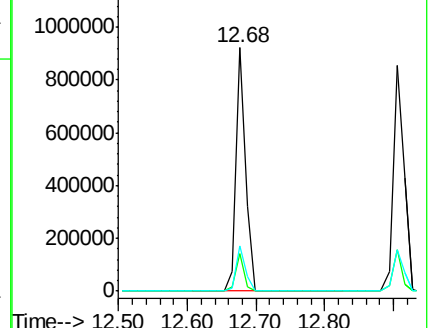
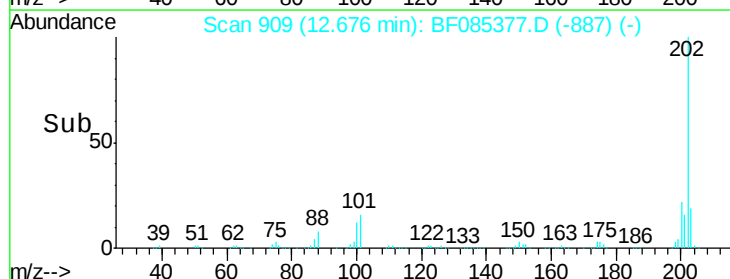
203 18.6 0.0 38.4

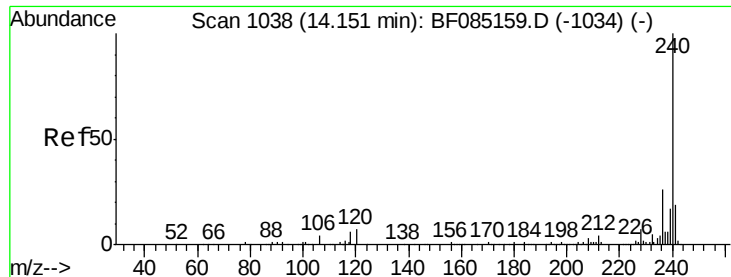


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

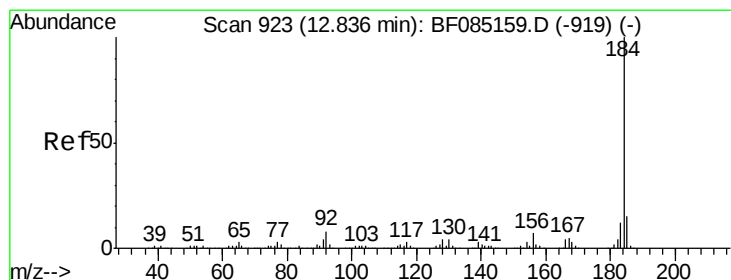
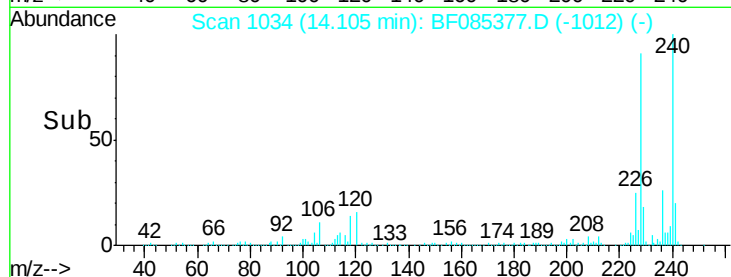
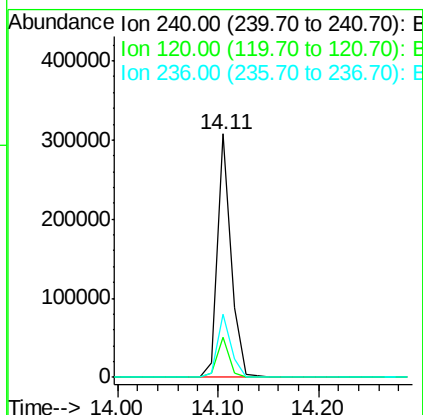
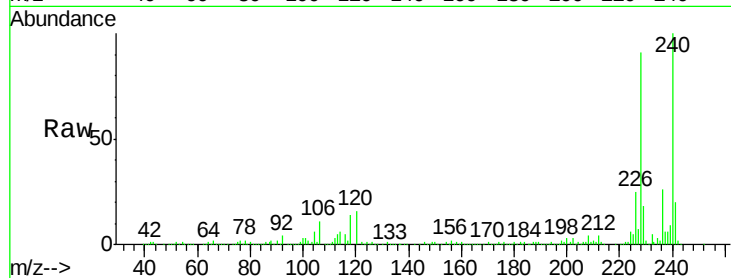




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

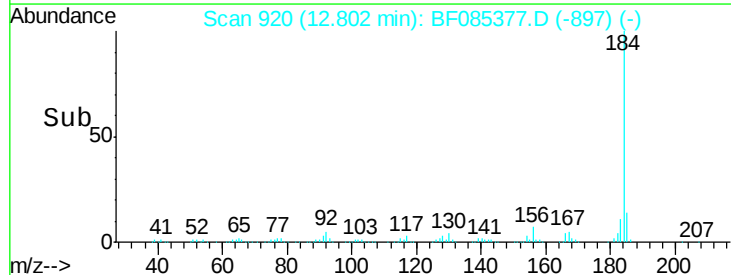
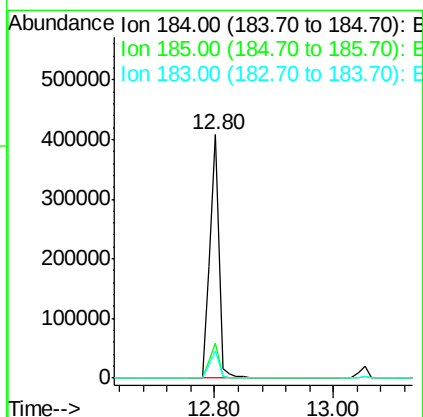
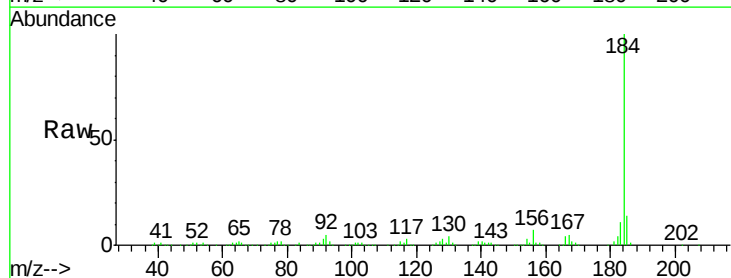
Instrument :
BNA_F
ClientSampleId :
PB88818BS

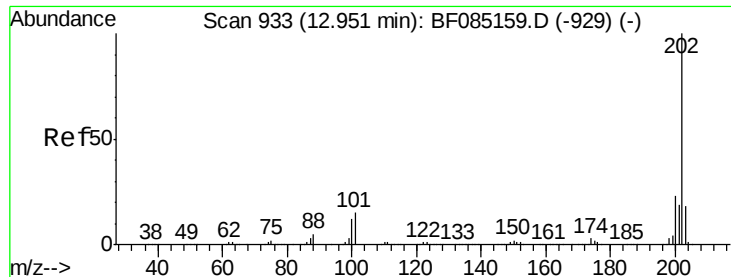
Tgt Ion:240 Resp: 288112
Ion Ratio Lower Upper
240 100
120 16.5 5.3 7.9#
236 26.2 20.7 31.1



#76
Benzidine
Concen: 50.75 ng
RT: 12.80 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion:184 Resp: 435137
Ion Ratio Lower Upper
184 100
185 14.3 12.4 18.6
183 11.2 9.4 14.2

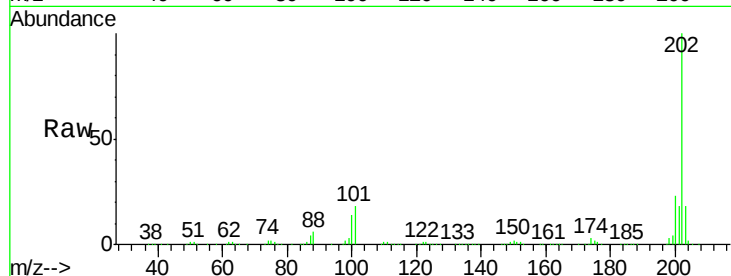




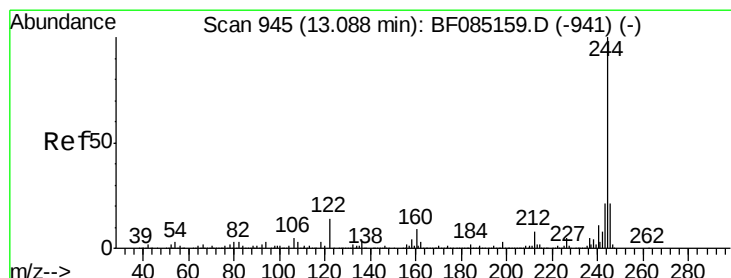
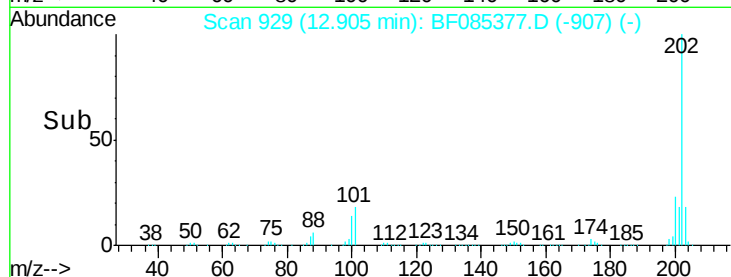
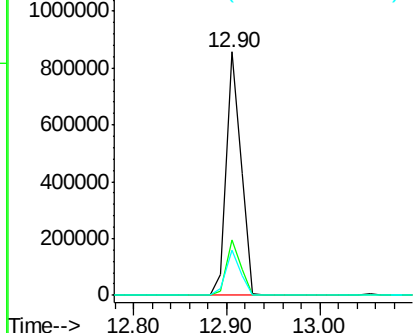
#77
 Pyrene
 Concen: 43.32 ng
 RT: 12.90 min Scan# 929
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion: 202 Resp: 939336
 Ion Ratio Lower Upper
 202 100
 200 22.7 18.2 27.4
 203 18.5 14.7 22.1

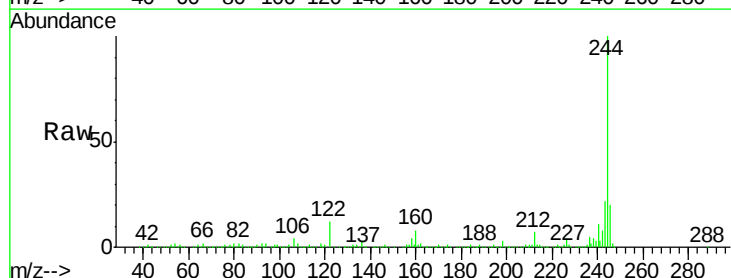


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

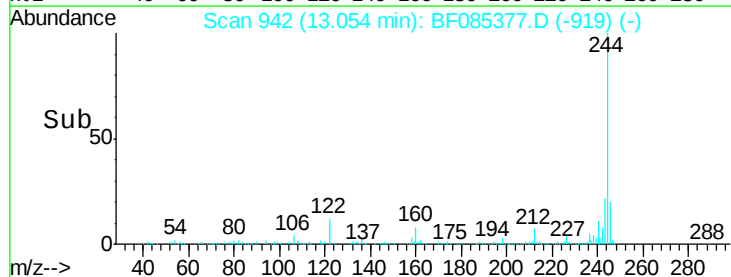
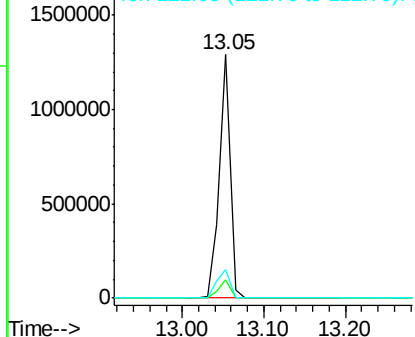


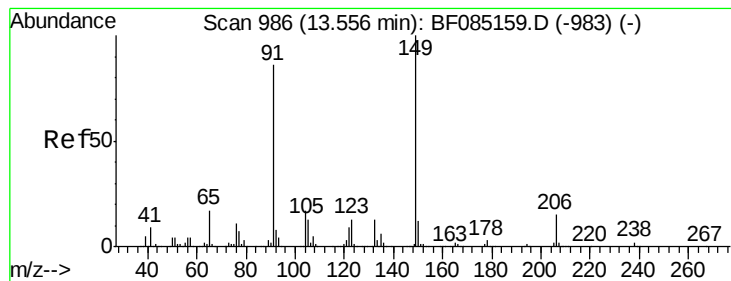
#78
 Terphenyl-d14
 Concen: 95.96 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion: 244 Resp: 1190987
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 11.7 11.4 17.2



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: 42.68 ng

RT: 13.52 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

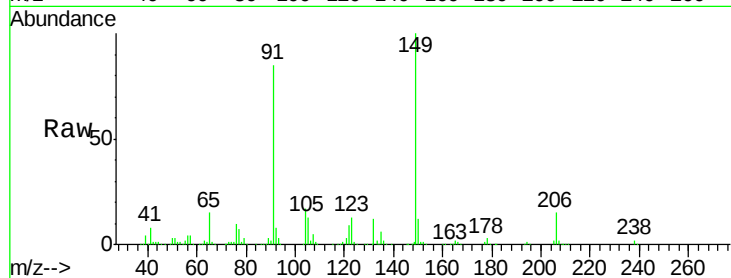
Tgt Ion:149 Resp: 419938

Ion Ratio Lower Upper

149 100

91 84.6 69.0 103.4

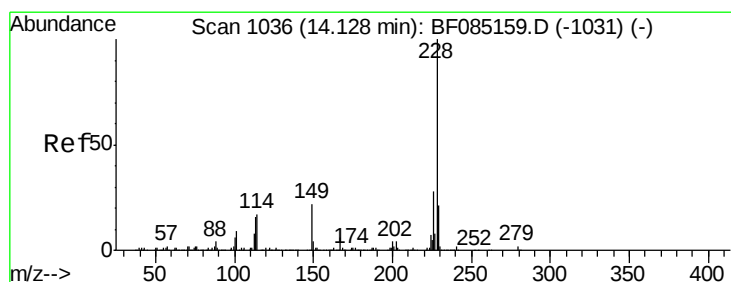
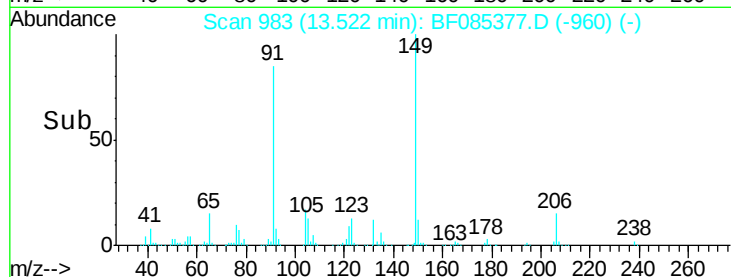
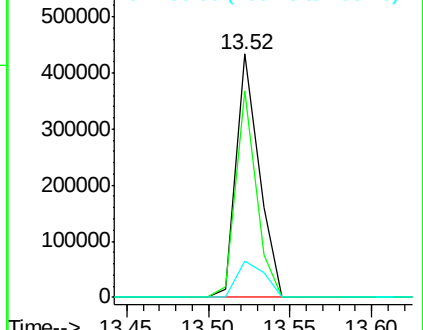
206 14.7 12.3 18.5



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: 39.56 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

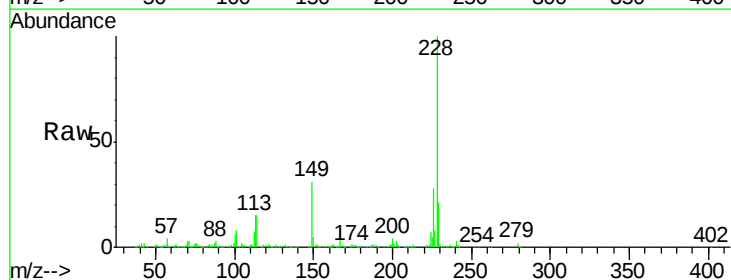
Tgt Ion:228 Resp: 682282

Ion Ratio Lower Upper

228 100

226 28.4 22.8 34.2

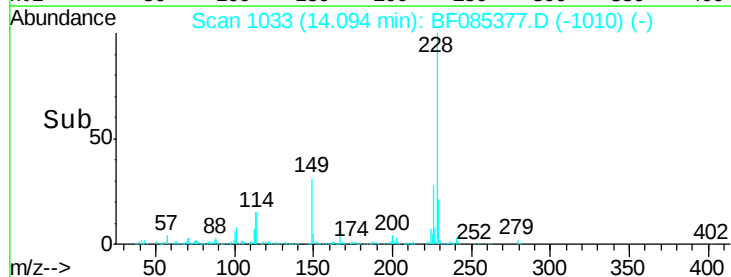
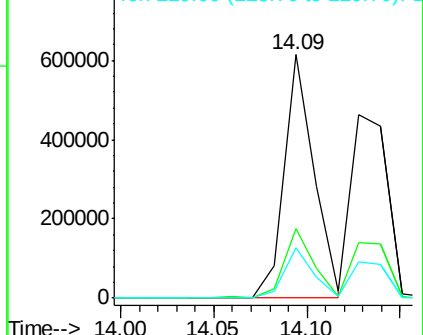
229 20.6 16.6 24.8

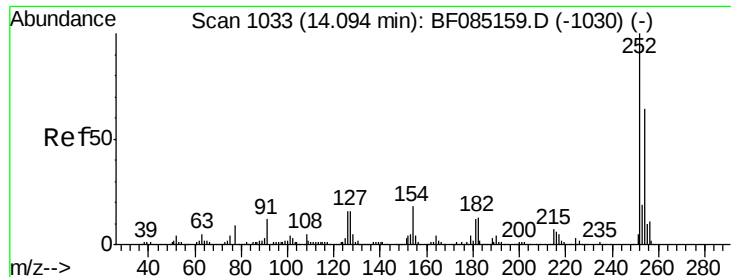


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

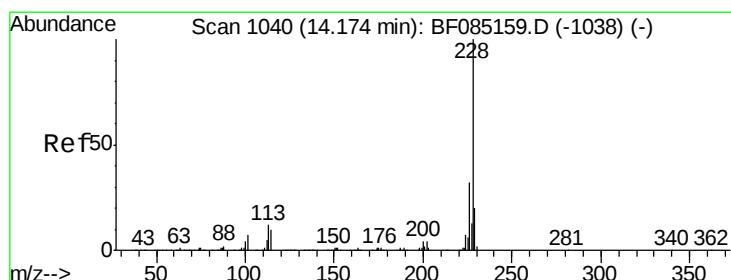
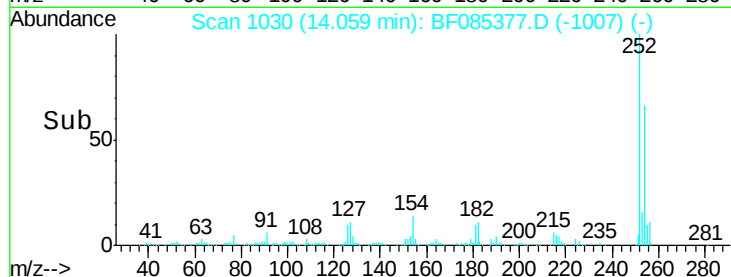
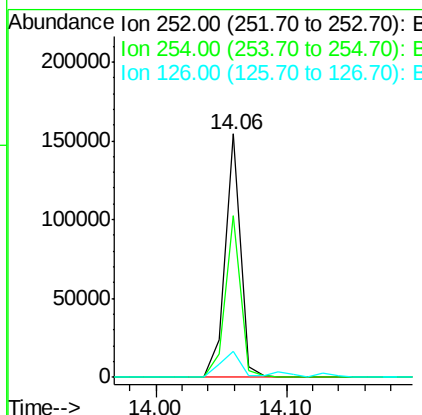
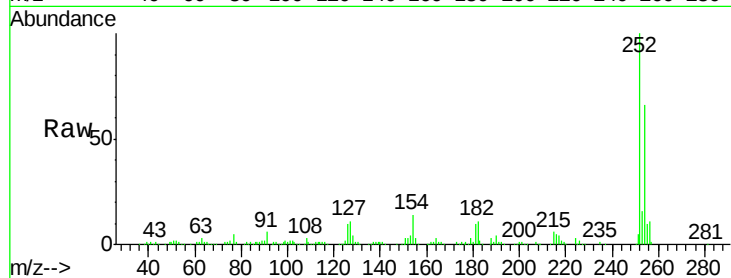




#81
 3,3'-Dichlorobenzidine
 Concen: 23.63 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

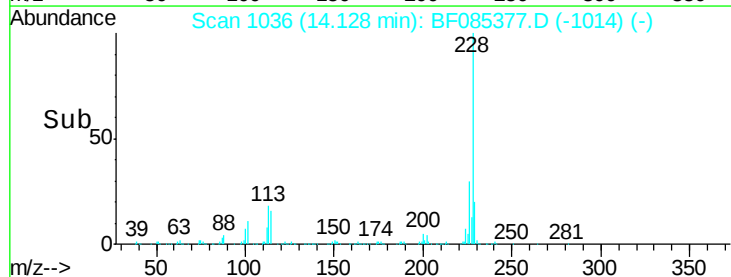
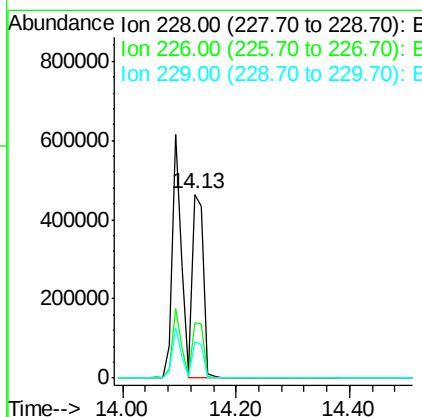
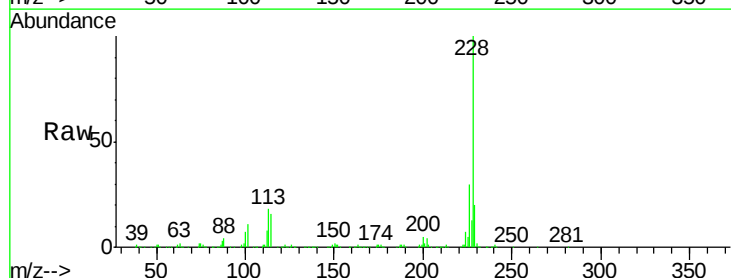
Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

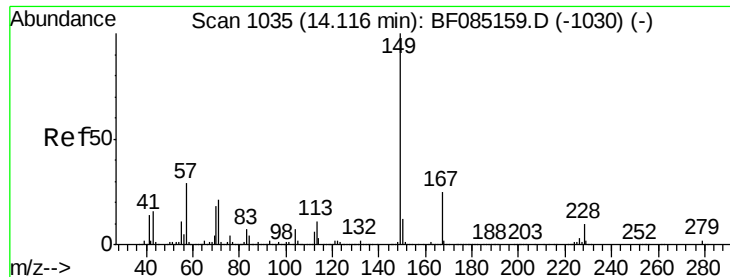
Tgt Ion:252 Resp: 128578
 Ion Ratio Lower Upper
 252 100
 254 66.3 51.4 77.0
 126 10.5 12.9 19.3#



#82
 Chrysene
 Concen: 39.92 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion:228 Resp: 636034
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.2 37.8
 229 20.0 16.0 24.0

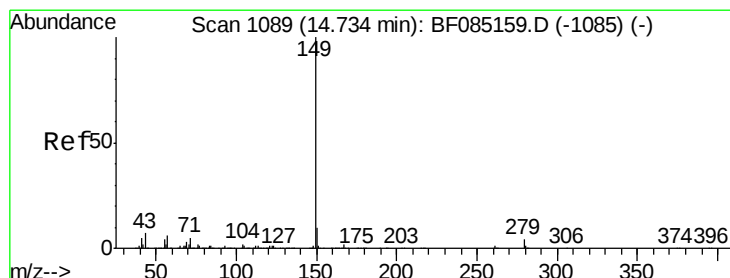
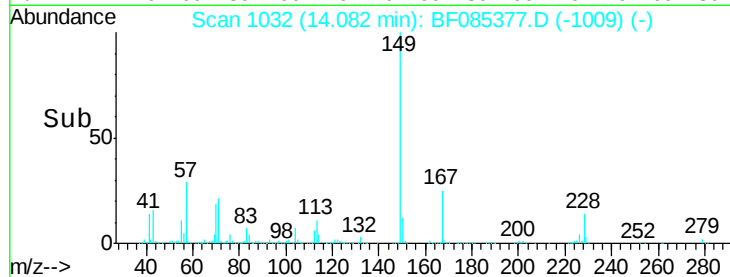
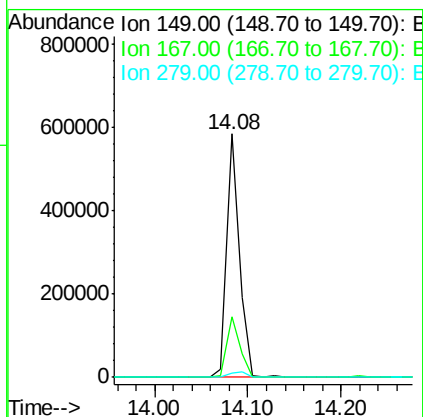
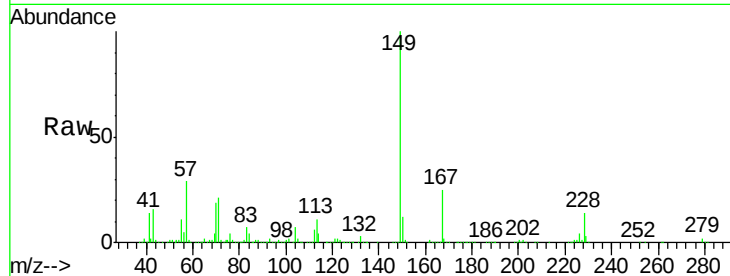




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.68 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

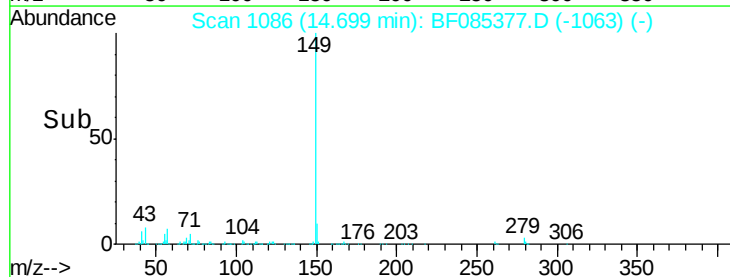
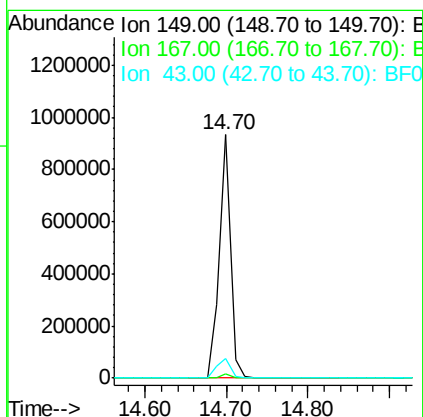
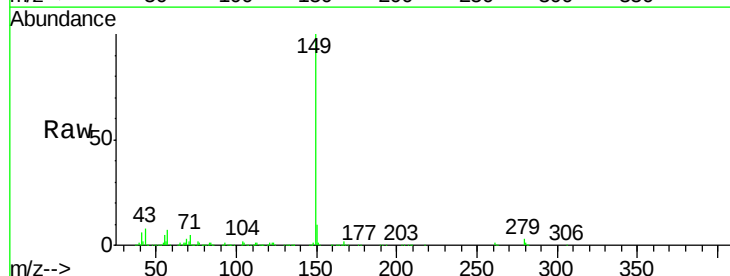
Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

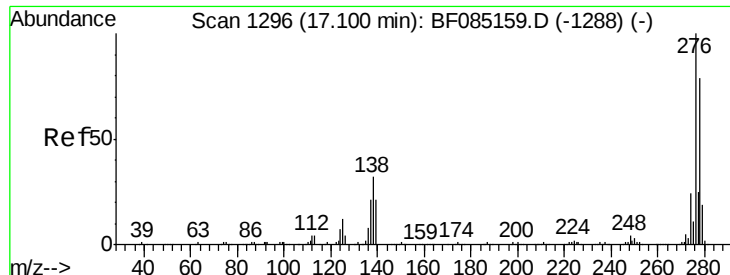
Tgt Ion:149 Resp: 552580
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.3 30.5
 279 1.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 45.18 ng
 RT: 14.70 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion:149 Resp: 890856
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 9.3 7.8 11.8

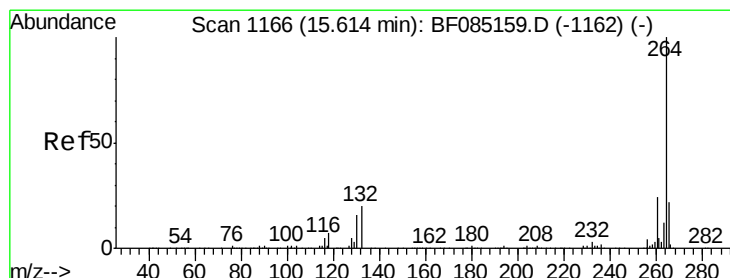
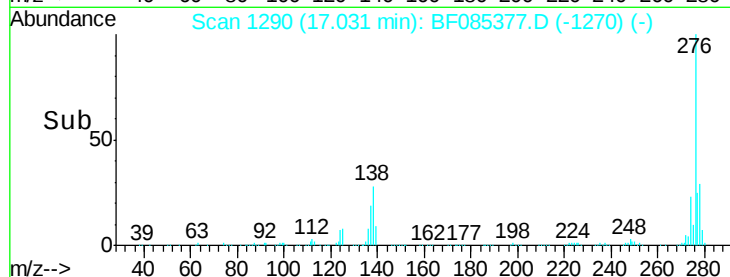
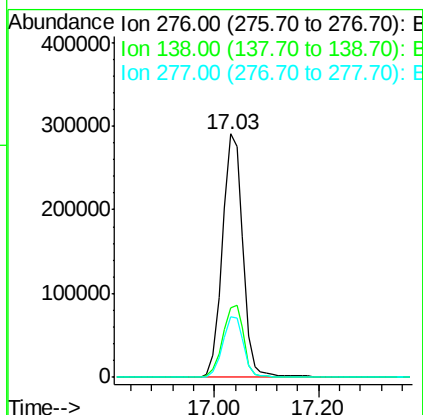
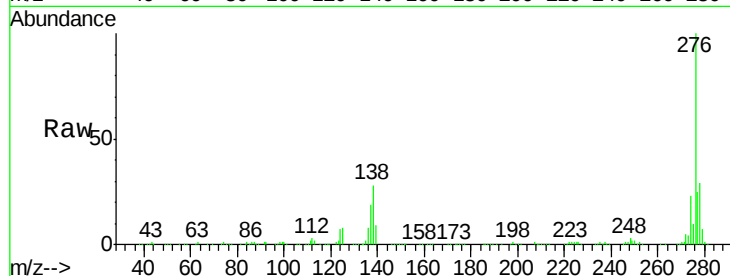




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.75 ng
 RT: 17.03 min Scan# 1290
 Delta R.T. -0.07 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

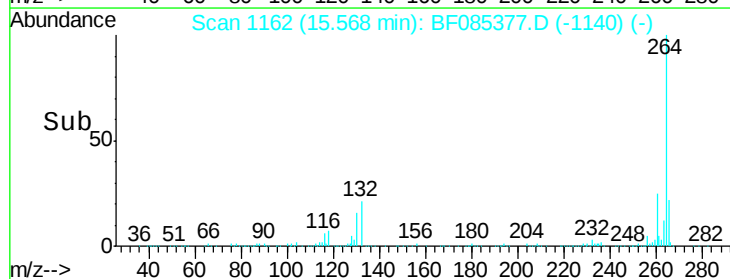
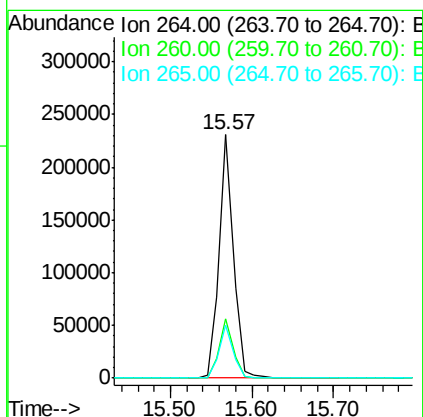
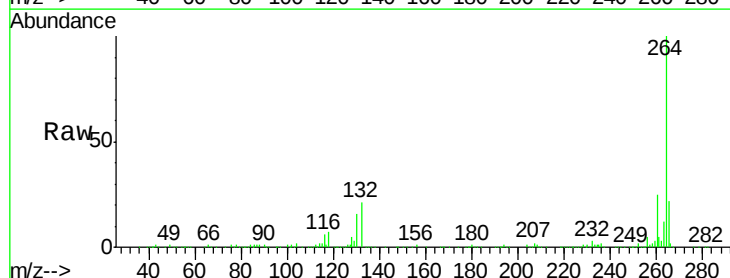
Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

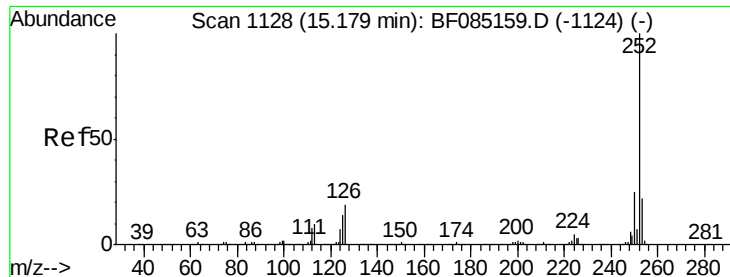
Tgt Ion: 276 Resp: 792740
 Ion Ratio Lower Upper
 276 100
 138 30.5 26.4 39.6
 277 25.2 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion: 264 Resp: 281304
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.7 17.3 25.9

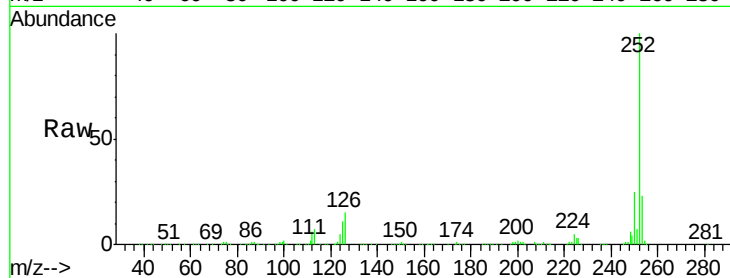




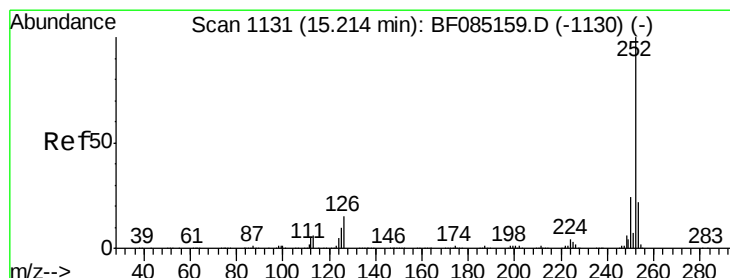
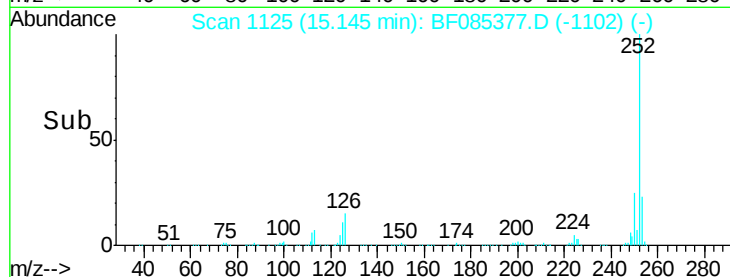
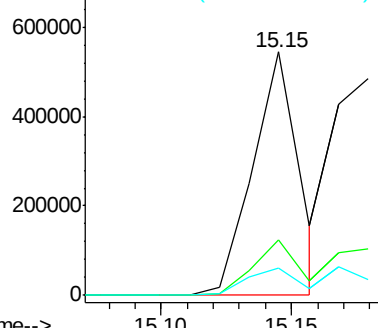
#87
Benzo(b)fluoranthene
Concen: 35.33 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion:252 Resp: 662494
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 11.1 11.3 16.9#

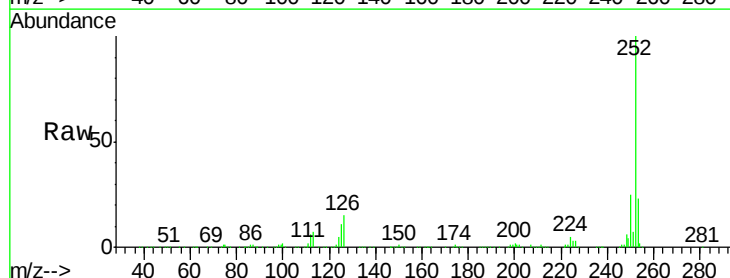


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

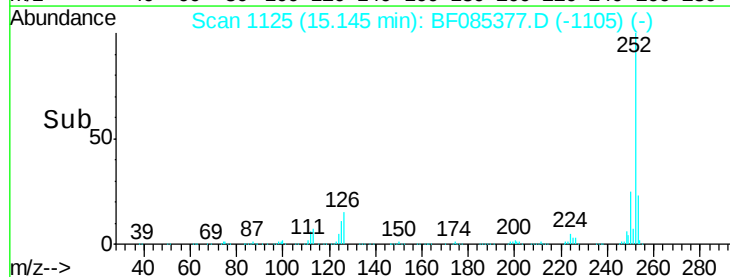
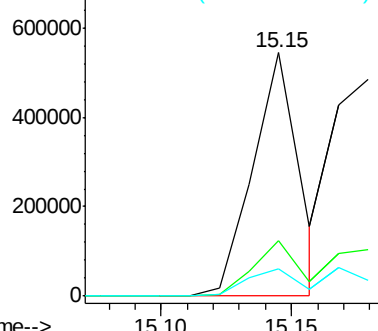


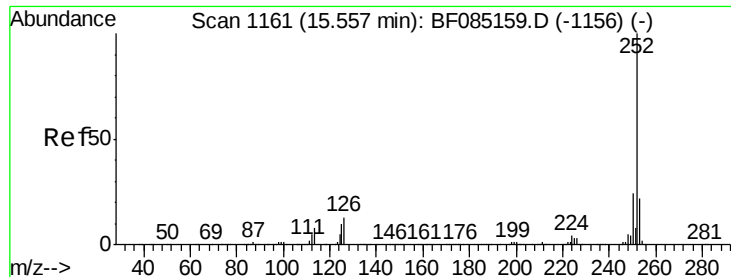
#88
Benzo(k)fluoranthene
Concen: 43.80 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion:252 Resp: 662494
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 11.1 10.4 15.6



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





#89

Benzo(a)pyrene

Concen: 42.58 ng

RT: 15.51 min Scan# 1157

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

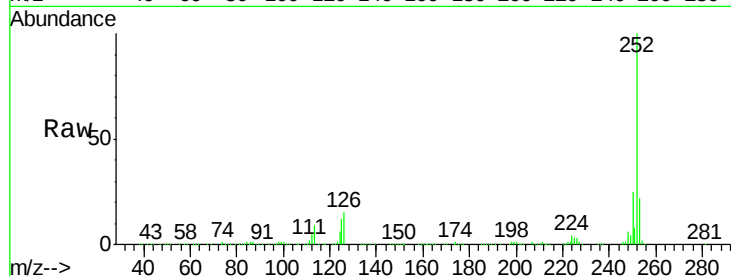
Tgt Ion:252 Resp: 661640

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

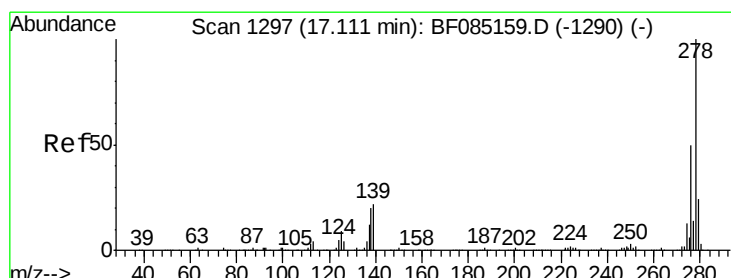
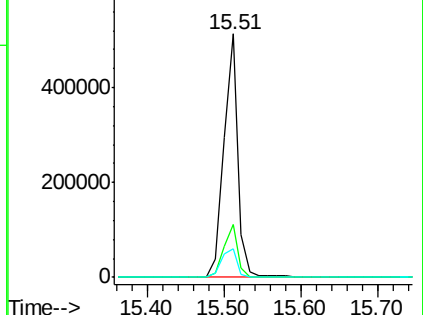
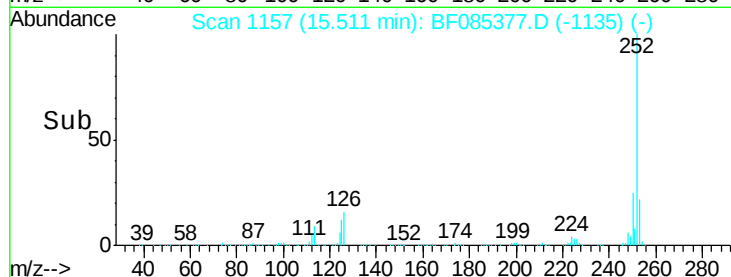
125 11.6 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.16 ng

RT: 17.05 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

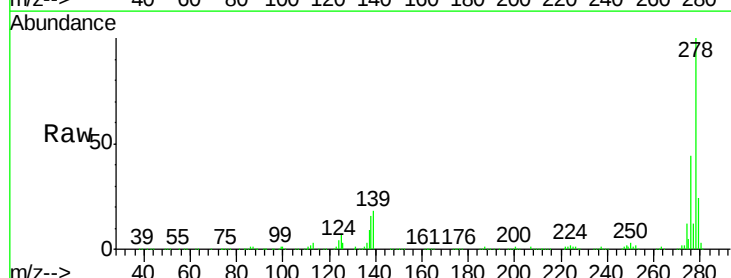
Tgt Ion:278 Resp: 665281

Ion Ratio Lower Upper

278 100

139 18.2 17.3 25.9

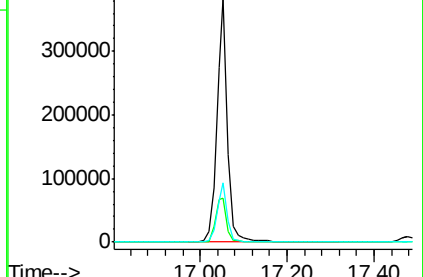
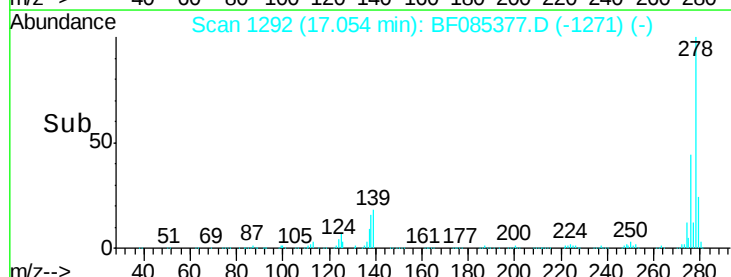
279 24.2 19.2 28.8

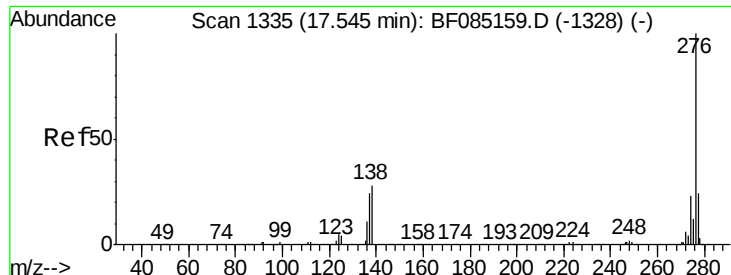


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.08 ng

RT: 17.48 min Scan# 1329

Delta R.T. -0.07 min

Lab File: BF085377.D

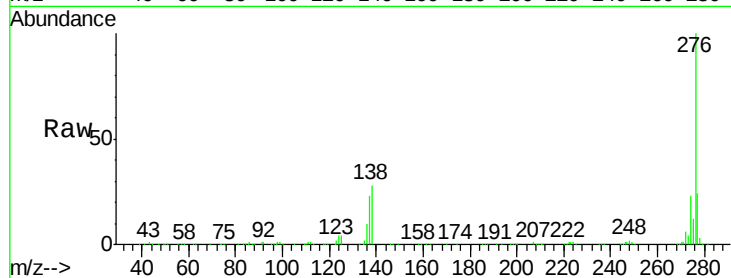
Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS



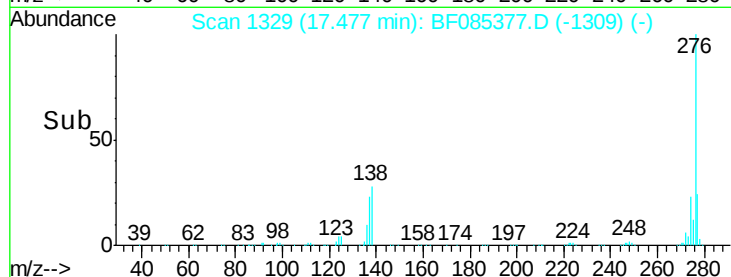
Tgt Ion: 276 Resp: 667929

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 28.4 22.5 33.7



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

400000

300000

200000

100000

0

17.40 17.48 17.60 17.80

Time-->