

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085717.D
 Acq On : 24 Mar 2016 16:28
 Operator : UM/SJ
 Sample : PB88875BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Quant Time: Mar 24 23:50:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106363	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	416980	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	202840	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	387000	20.00	ng	0.00
75) Chrysene-d12	13.98	240	278532	20.00	ng	0.00
86) Perylene-d12	15.40	264	185866	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	751478	117.67	ng	0.02
7) Phenol-d6	6.46	99	881841	108.60	ng	0.00
23) Nitrobenzene-d5	7.40	82	585482	79.07	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	212998	110.52	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1025299	84.45	ng	0.00
78) Terphenyl-d14	12.93	244	923169	68.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	92063	30.19	ng	97
3) Pyridine	3.19	79	269327	36.84	ng	100
4) n-Nitrosodimethylamine	3.13	42	115482	39.46	ng	99
6) Aniline	6.48	93	252937	23.14	ng	# 71
8) 2-Chlorophenol	6.61	128	286866	38.66	ng	96
9) Benzaldehyde	6.37	77	55941	11.43	ng	94
10) Phenol	6.47	94	306762	33.35	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	259641	36.68	ng	98
12) 1,3-Dichlorobenzene	6.77	146	288775	36.14	ng	99
13) 1,4-Dichlorobenzene	6.84	146	288739	35.63	ng	99
14) 1,2-Dichlorobenzene	7.00	146	289365	38.32	ng	99
15) Benzyl Alcohol	6.97	79	237465	43.83	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	339649	36.16	ng	97
17) 2-Methylphenol	7.09	107	247007	41.58	ng	98
18) Hexachloroethane	7.34	117	112332	37.86	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	185219	38.10	ng	92
20) 3+4-Methylphenols	7.24	107	275819	38.62	ng	93
22) Acetophenone	7.24	105	354572	36.50	ng	# 99
24) Nitrobenzene	7.41	77	270675	35.46	ng	99
25) Isophorone	7.65	82	537267	37.67	ng	99
26) 2-Nitrophenol	7.73	139	148557	38.90	ng	92
27) 2,4-Dimethylphenol	7.77	122	284270	42.59	ng	93
28) bis(2-Chloroethoxy)methane	7.86	93	355891	43.79	ng	99
29) 2,4-Dichlorophenol	7.97	162	223956	39.91	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	230940	37.07	ng	99
31) Naphthalene	8.13	128	780420	37.14	ng	99
32) Benzoic acid	7.90	122	166132	37.48	ng	95
33) 4-Chloroaniline	8.18	127	108548	12.65	ng	98
34) Hexachlorobutadiene	8.25	225	128650	38.00	ng	100
35) Caprolactam	8.55	113	45698	22.99	ng	92
36) 4-Chloro-3-methylphenol	8.68	107	274949	41.95	ng	92
37) 2-Methylnaphthalene	8.82	142	555585	45.47	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	220401	36.64	ng	99
40) Hexachlorocyclopentadiene	8.97	237	191176	76.69	ng	99

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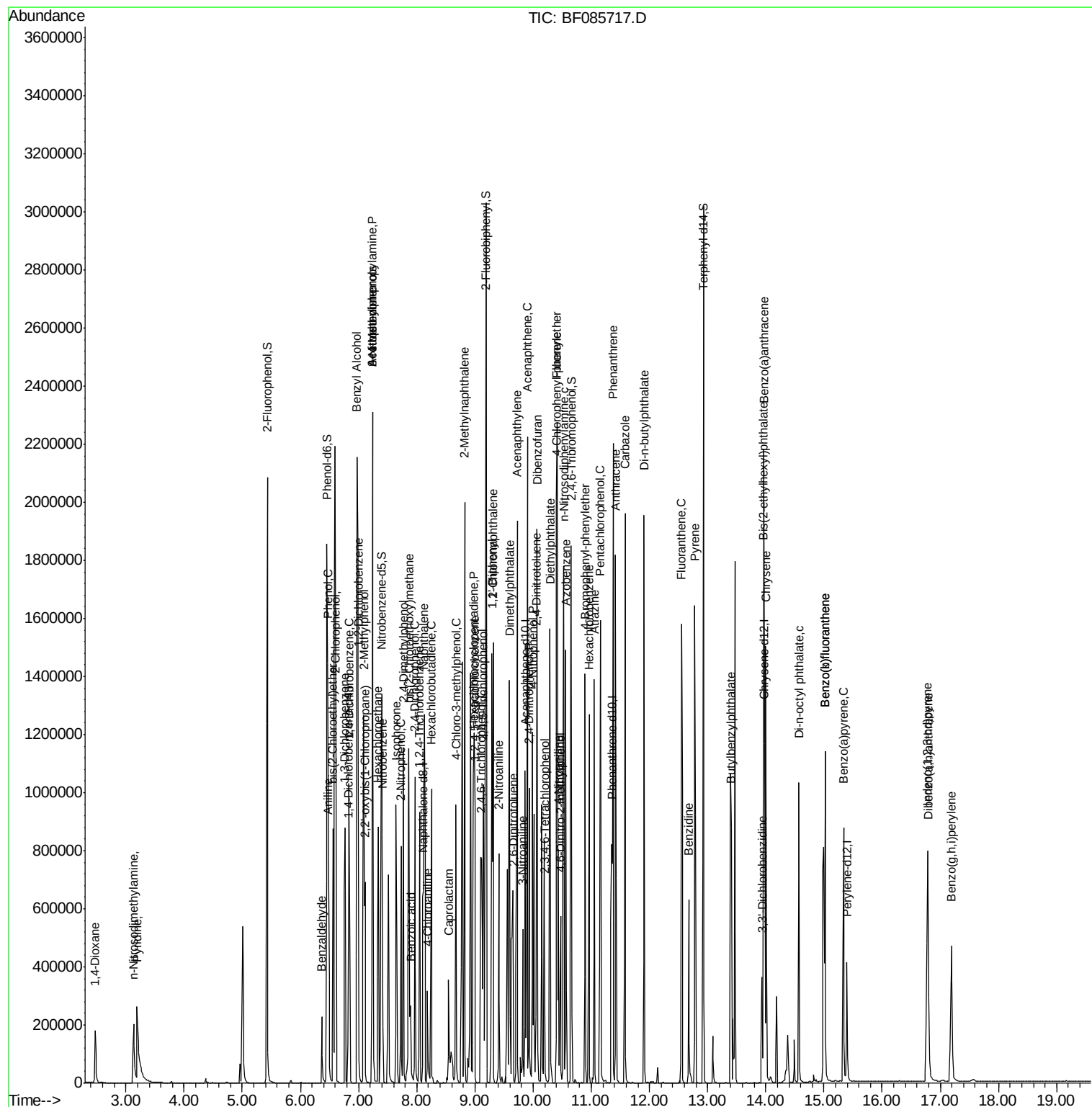
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	158160	38.93	ng	97
43) 2,4,5-Trichlorophenol	9.14	196	166289	39.03	ng	# 83
45) 1,1'-Biphenyl	9.29	154	645352	37.70	ng	94
46) 2-Chloronaphthalene	9.32	162	513869	40.83	ng	98
47) 2-Nitroaniline	9.41	65	141275	36.71	ng	88
48) Acenaphthylene	9.73	152	826690	40.31	ng	99
49) Dimethylphthalate	9.59	163	568072	36.91	ng	99
50) 2,6-Dinitrotoluene	9.66	165	133747	40.38	ng	# 62
51) Acenaphthene	9.90	154	482674	38.53	ng	99
52) 3-Nitroaniline	9.82	138	81211	21.42	ng	97
53) 2,4-Dinitrophenol	9.93	184	128895	77.24	ng	# 83
54) Dibenzofuran	10.07	168	693969	42.80	ng	98
55) 4-Nitrophenol	9.99	139	202181	81.85	ng	96
56) 2,4-Dinitrotoluene	10.06	165	173562	41.22	ng	# 64
57) Fluorene	10.41	166	564082	41.85	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	128371	43.35	ng	98
59) Diethylphthalate	10.29	149	569334	37.45	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	233259	35.40	ng	96
61) 4-Nitroaniline	10.44	138	139252	38.40	ng	90
62) Azobenzene	10.56	77	620428	42.46	ng	98
64) 4,6-Dinitro-2-methylphenol	10.47	198	92764	40.93	ng	# 62
65) n-Nitrosodiphenylamine	10.53	169	506964	41.36	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	159489	40.28	ng	97
67) Hexachlorobenzene	10.96	284	172421	41.64	ng	97
68) Atrazine	11.05	200	157492	38.06	ng	98
69) Pentachlorophenol	11.16	266	171266	84.25	ng	100
70) Phenanthrene	11.37	178	861735	43.37	ng	100
71) Anthracene	11.42	178	788065	37.78	ng	100
72) Carbazole	11.58	167	747374	42.67	ng	100
73) Di-n-butylphthalate	11.91	149	977848	40.69	ng	100
74) Fluoranthene	12.55	202	813594	38.52	ng	100
76) Benzidine	12.68	184	246389	25.12	ng	99
77) Pyrene	12.78	202	822020	35.90	ng	99
79) Butylbenzylphthalate	13.41	149	358631	37.40	ng	95
80) Benzo(a)anthracene	13.97	228	615049	38.73	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	79761	7.24	ng	# 97
82) Chrysene	14.00	228	529504	33.10	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	432304	37.66	ng	100
84) Di-n-octyl phthalate	14.57	149	668233	39.14	ng	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	445216	36.04	ng	99
87) Benzo(b)fluoranthene	15.02	252	918327	78.43	ng	97
88) Benzo(k)fluoranthene	15.02	252	918327	87.00	ng	99
89) Benzo(a)pyrene	15.34	252	427647	41.13	ng	98
90) Dibenzo(a,h)anthracene	16.79	278	371923	38.50	ng	99
91) Benzo(g,h,i)perylene	17.19	276	380407	38.89	ng	97

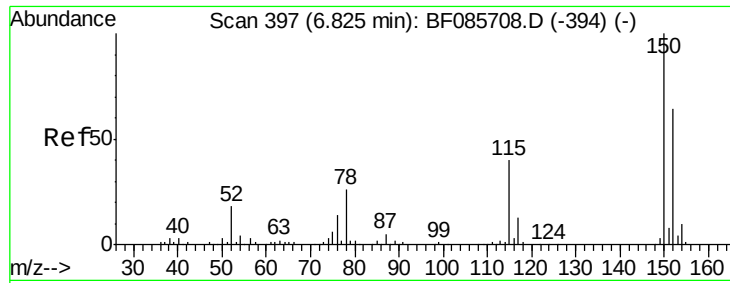
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

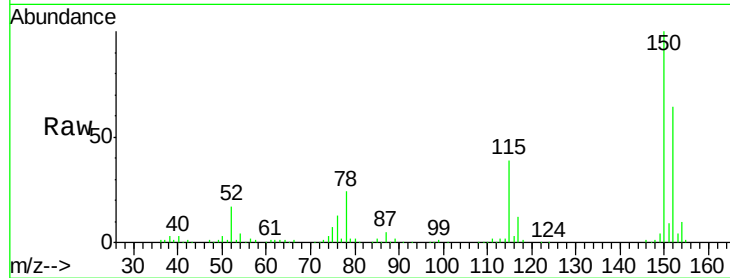
Tgt Ion:152 Resp: 106363

Ion Ratio Lower Upper

152 100

150 155.6 124.2 186.2

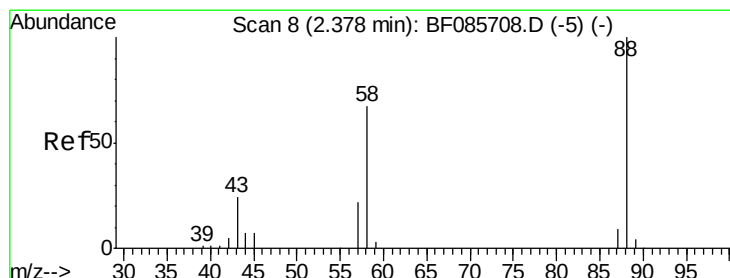
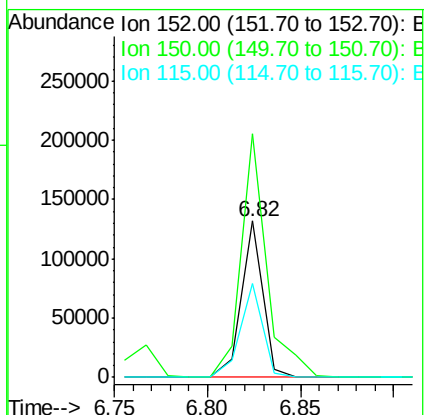
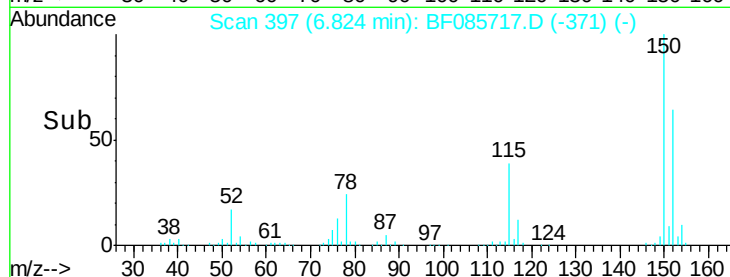
115 60.3 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.19 ng

RT: 2.47 min Scan# 16

Delta R.T. 0.09 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

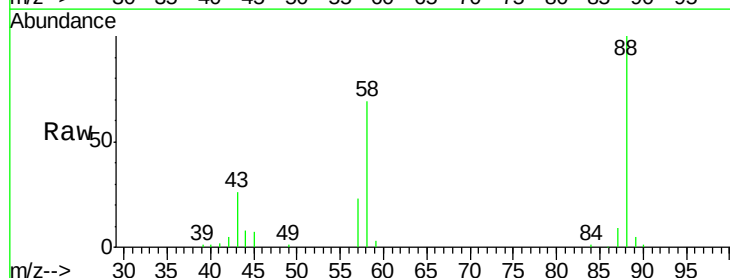
Tgt Ion: 88 Resp: 92063

Ion Ratio Lower Upper

88 100

58 70.3 54.2 81.2

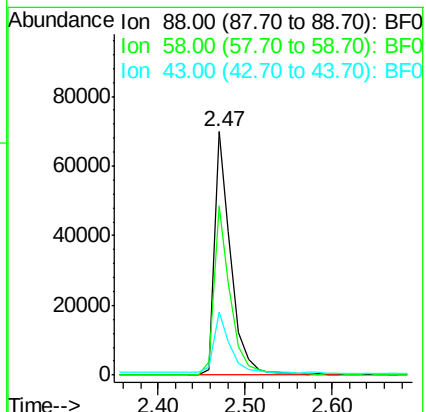
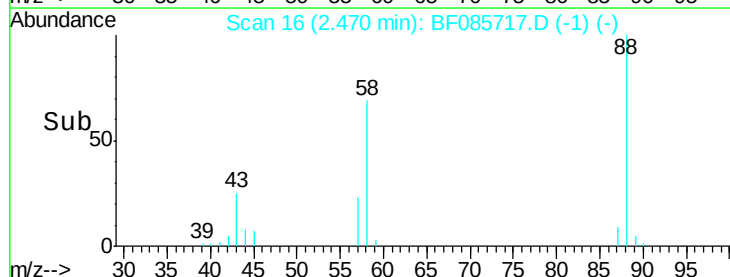
43 25.9 19.3 28.9

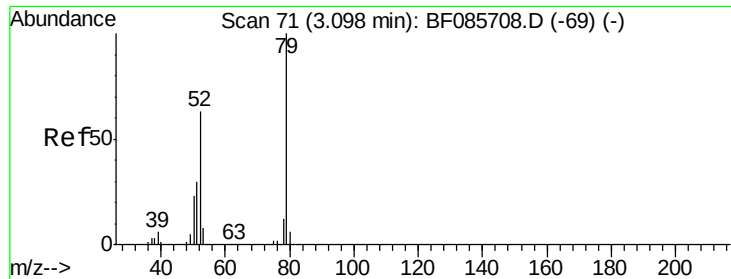


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.84 ng

RT: 3.19 min Scan# 79

Delta R.T. 0.09 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

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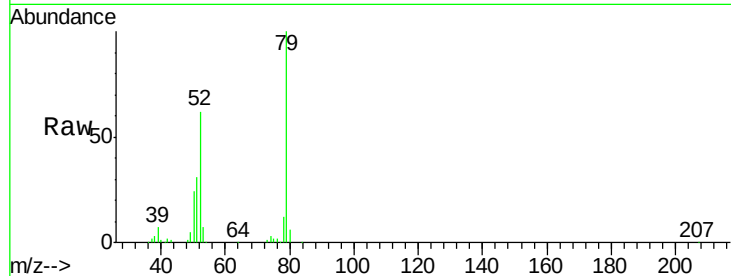
Tgt Ion: 79 Resp: 269327

Ion Ratio Lower Upper

79 100

52 61.9 49.8 74.6

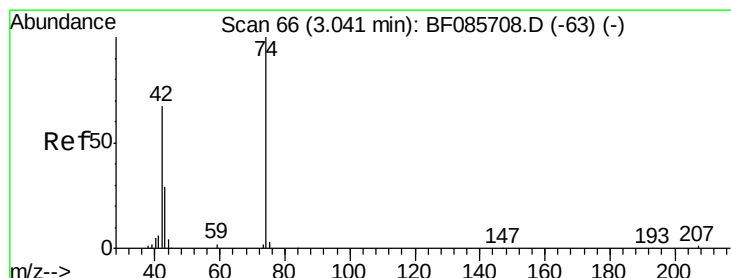
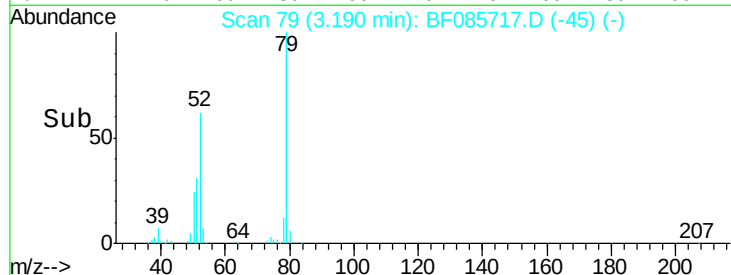
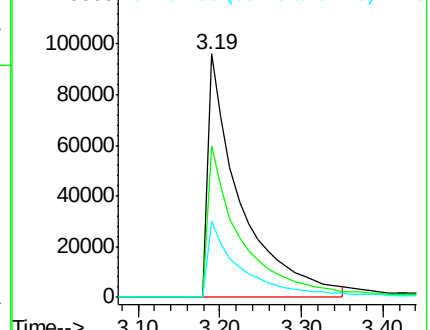
51 31.0 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.46 ng

RT: 3.13 min Scan# 74

Delta R.T. 0.09 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

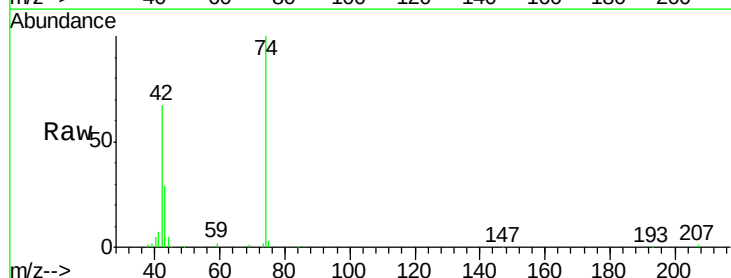
Tgt Ion: 42 Resp: 115482

Ion Ratio Lower Upper

42 100

74 150.3 121.4 182.2

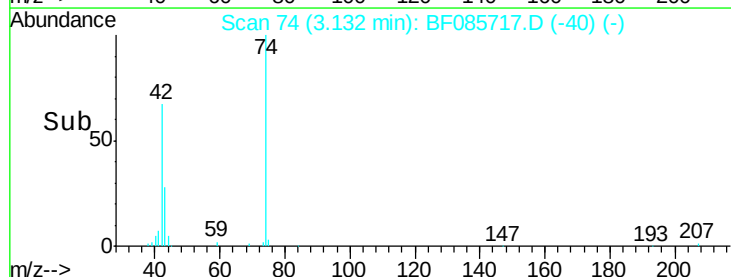
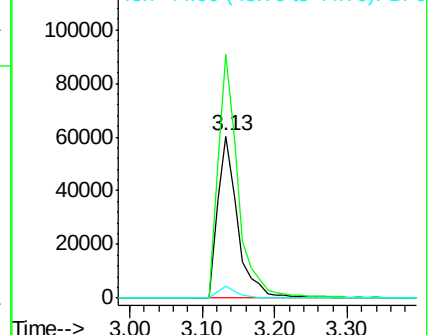
44 7.2 5.6 8.4

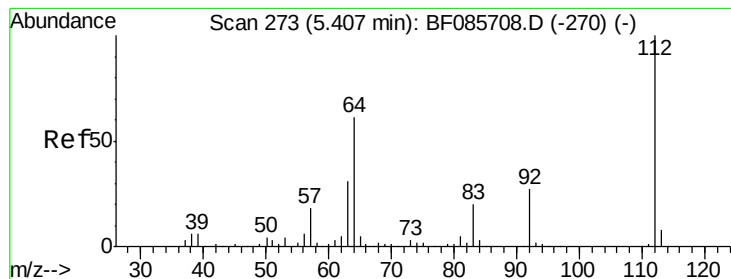


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.67 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

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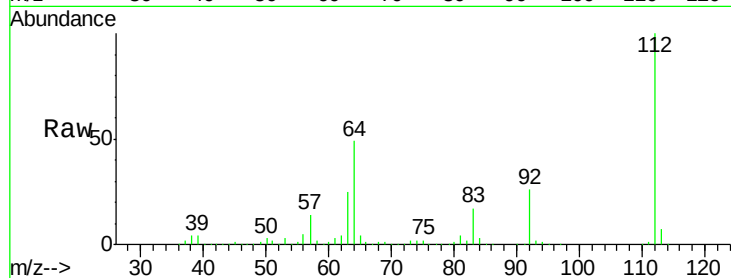
Tgt Ion: 112 Resp: 751478

Ion Ratio Lower Upper

112 100

64 49.4 39.9 59.9

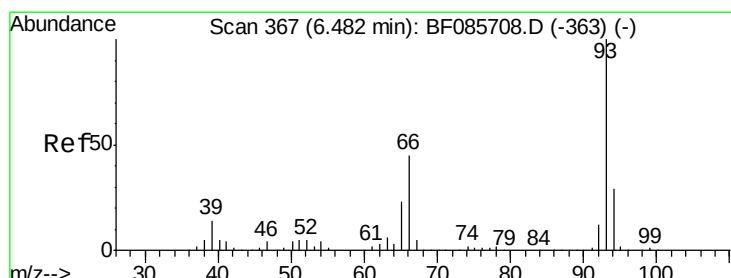
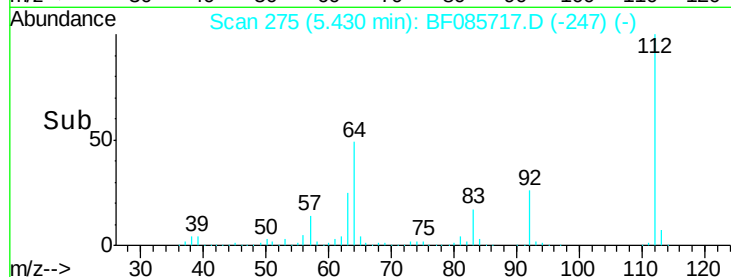
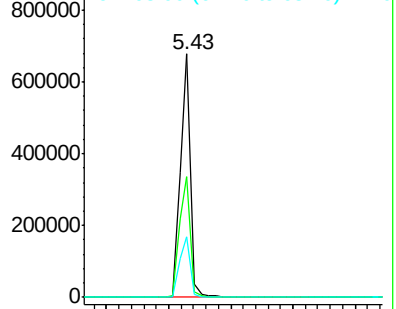
63 24.8 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.14 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

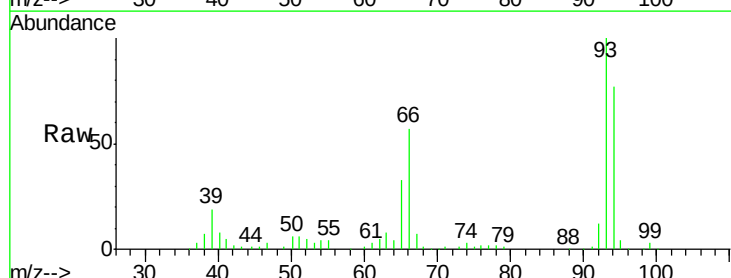
Tgt Ion: 93 Resp: 252937

Ion Ratio Lower Upper

93 100

66 57.0 31.4 47.2#

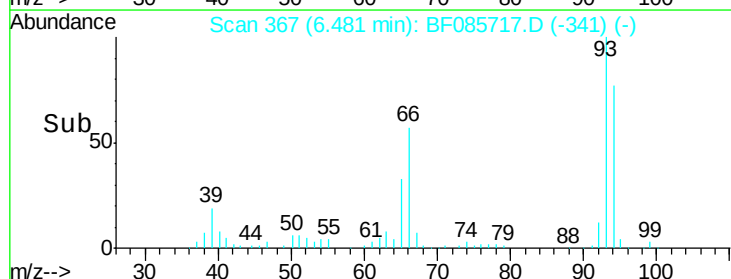
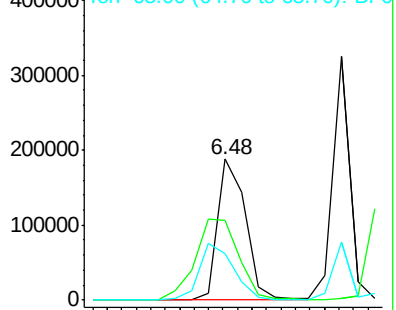
65 33.1 15.7 23.5#

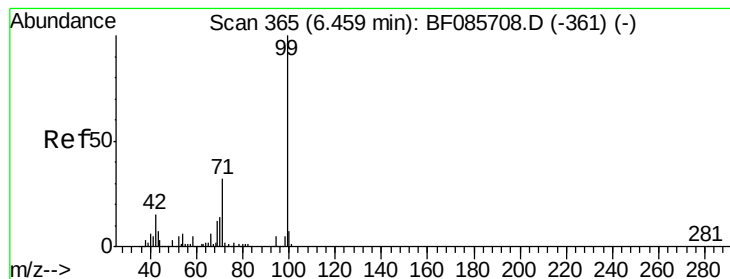


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.60 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

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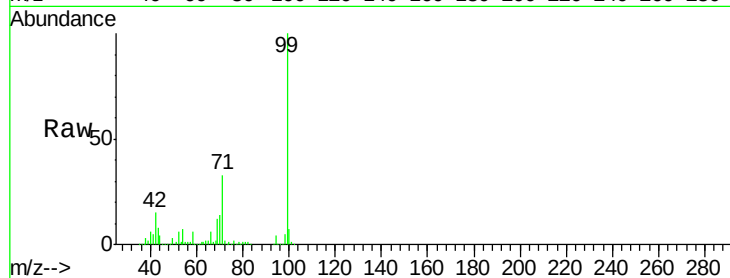
Tgt Ion: 99 Resp: 881841

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

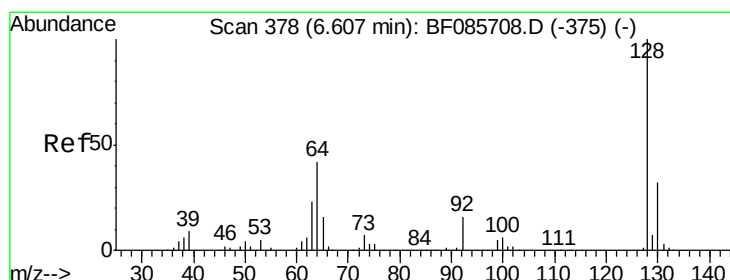
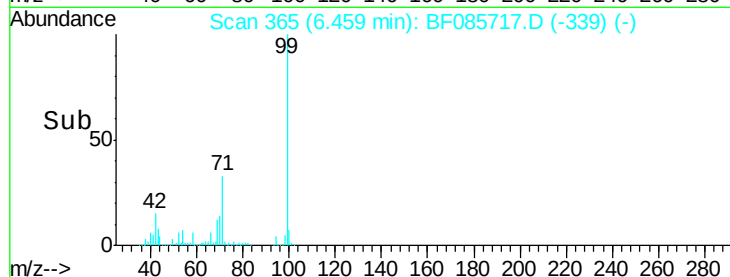
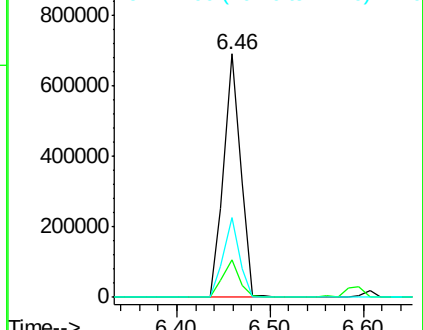
71 32.7 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.66 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

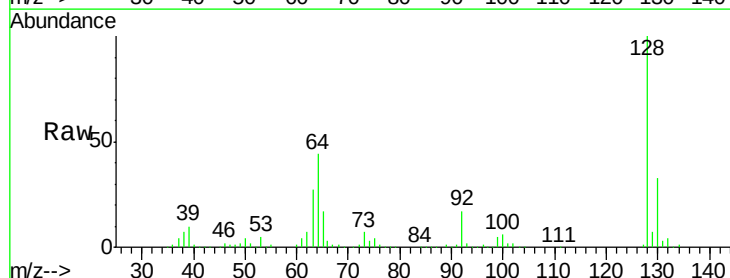
Tgt Ion: 128 Resp: 286866

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

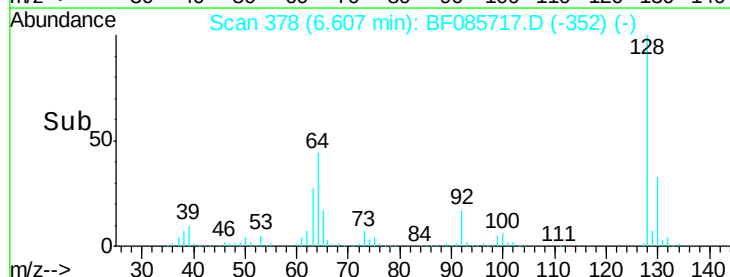
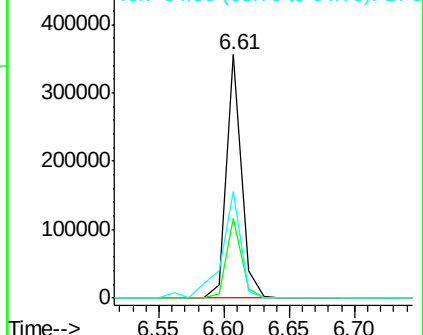
64 43.9 20.2 60.2

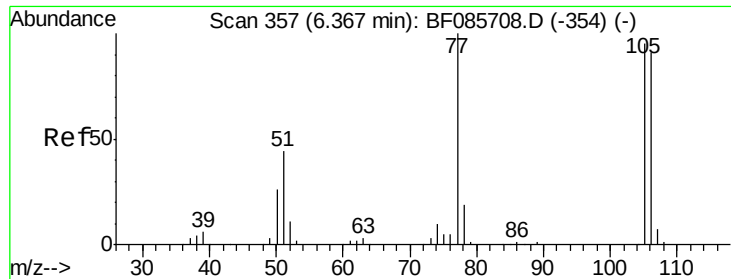


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.43 ng

RT: 6.37 min Scan# 357

Delta R.T. -0.00 min

Lab File: BF085717.D

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Instrument :

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ClientSampleId :

PB8875BS

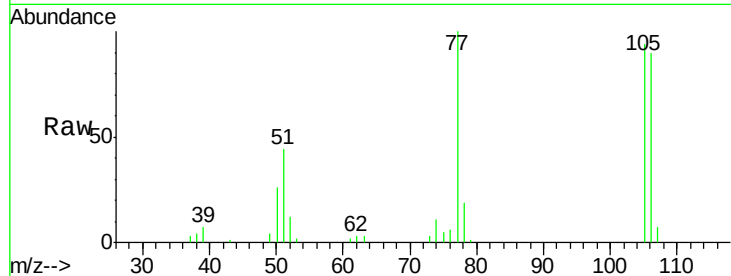
Tgt Ion: 77 Resp: 55941

Ion Ratio Lower Upper

77 100

105 94.1 80.1 120.1

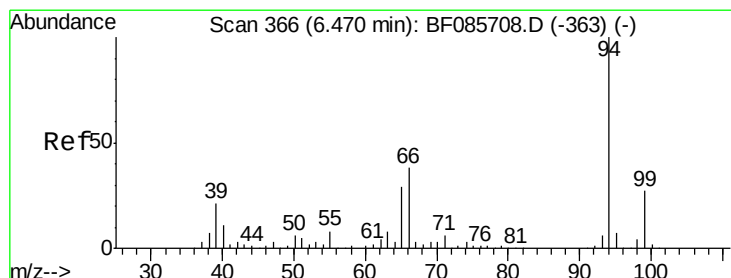
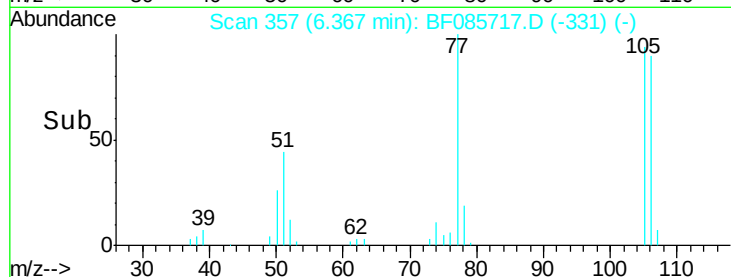
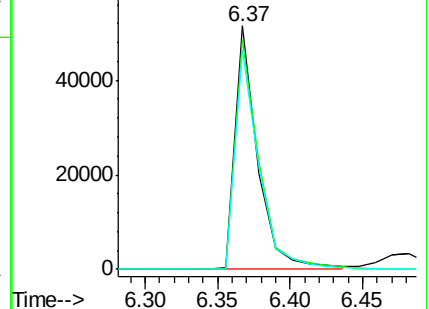
106 89.9 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.35 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

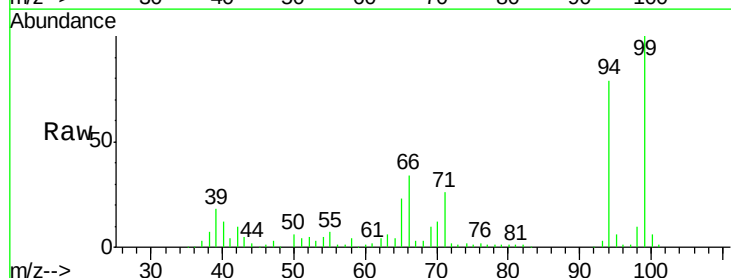
Tgt Ion: 94 Resp: 306762

Ion Ratio Lower Upper

94 100

65 29.5 8.6 48.6

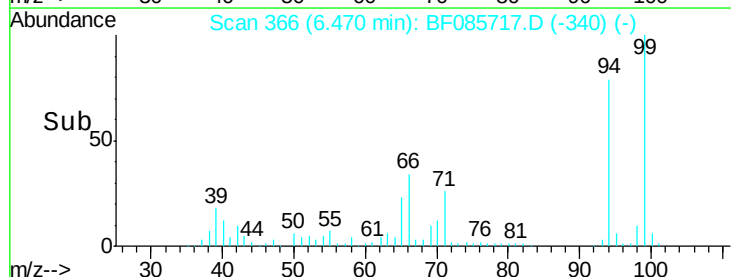
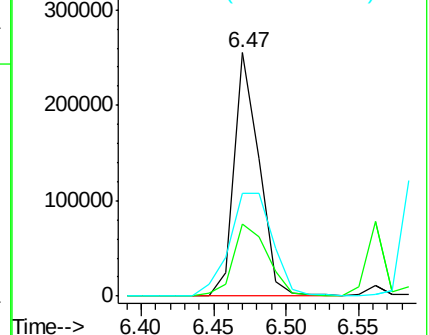
66 42.4 20.0 60.0

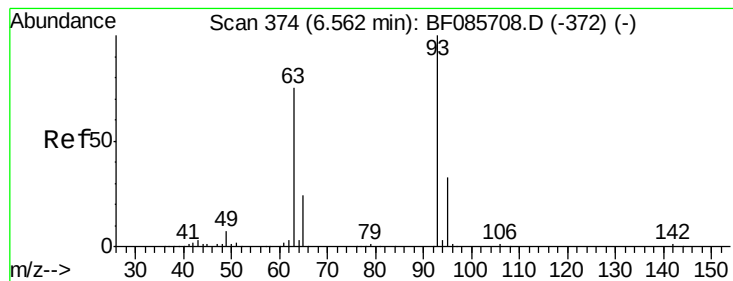


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.68 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

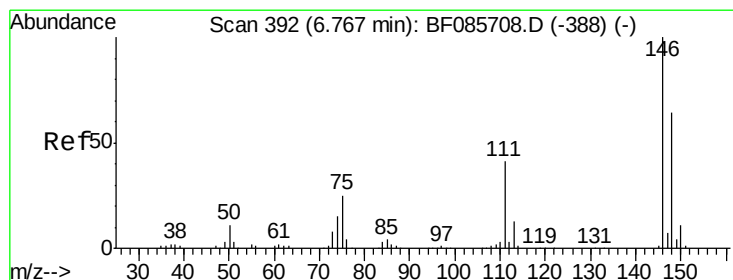
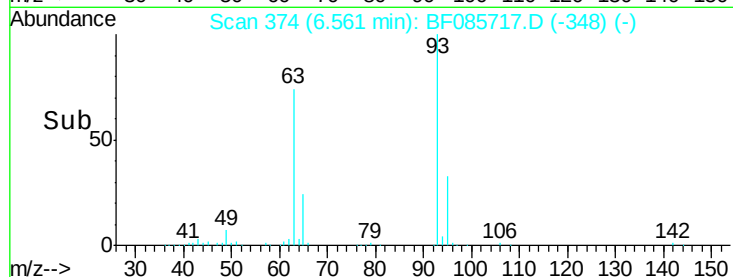
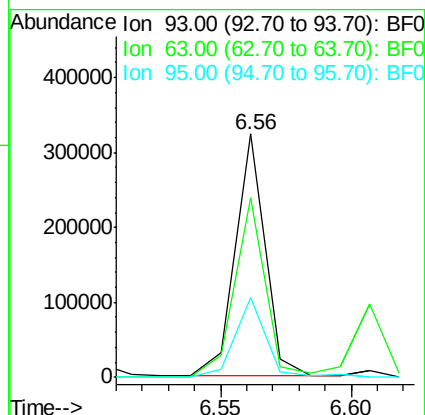
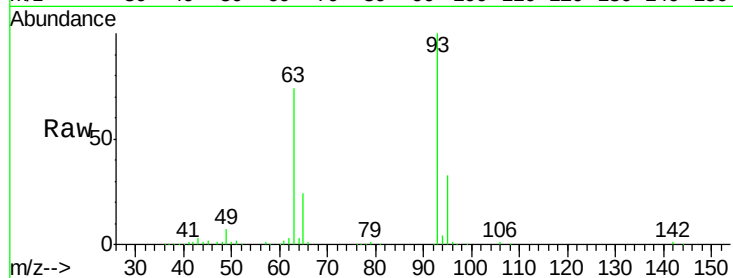
Tgt Ion: 93 Resp: 259641

Ion Ratio Lower Upper

93 100

63 73.6 50.9 90.9

95 33.0 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 36.14 ng

RT: 6.77 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

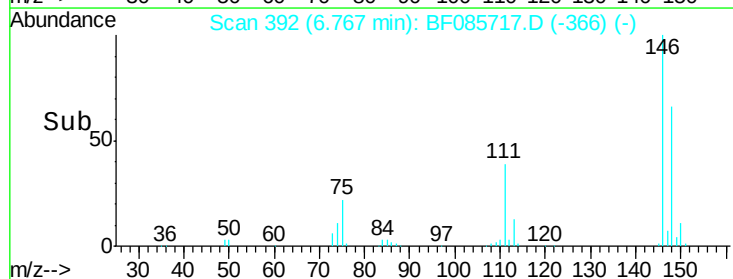
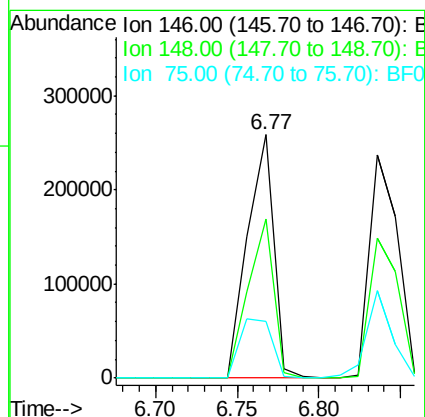
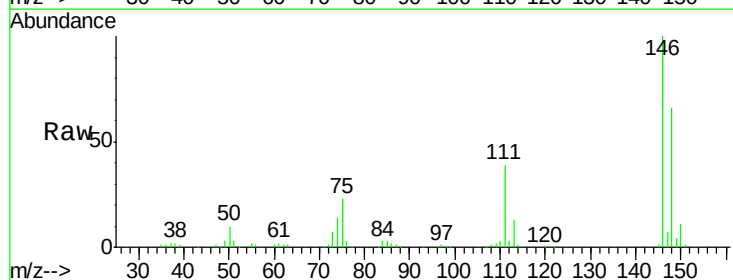
Tgt Ion: 146 Resp: 288775

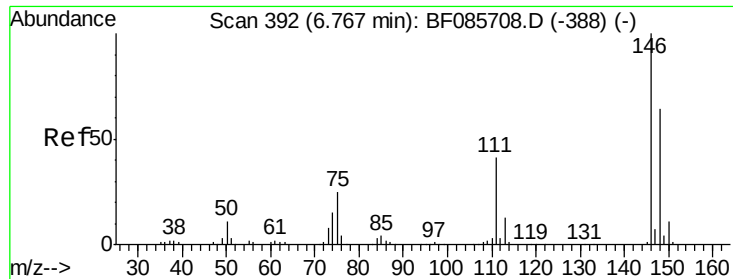
Ion Ratio Lower Upper

146 100

148 65.5 52.3 78.5

75 23.2 17.4 26.2

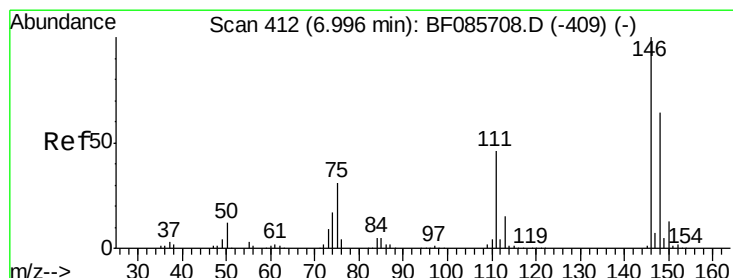
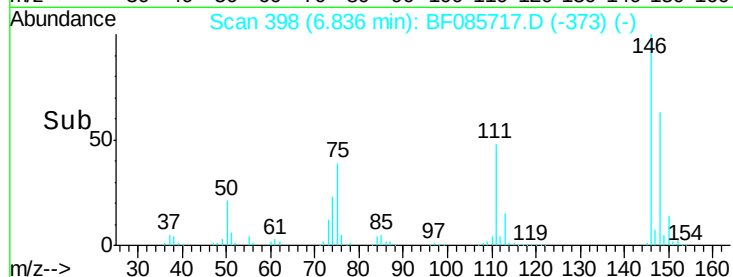
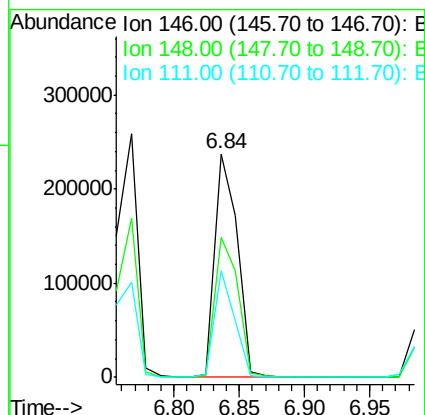
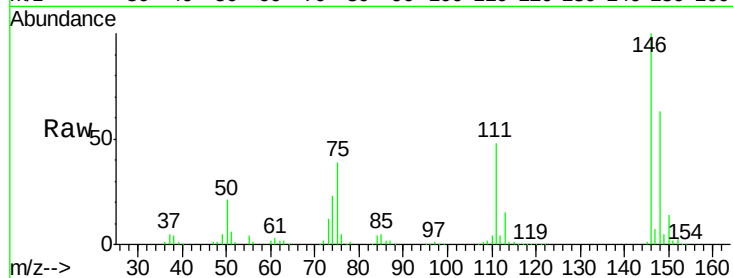




#13
 1,4-Dichlorobenzene
 Concen: 35.63 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

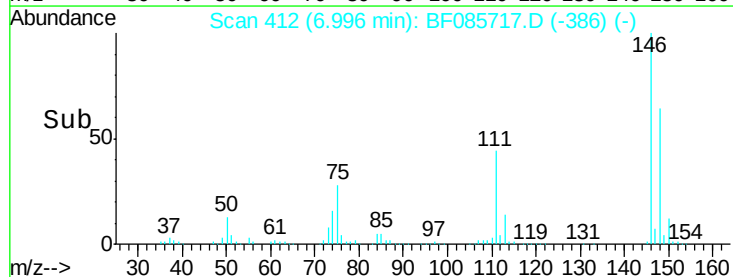
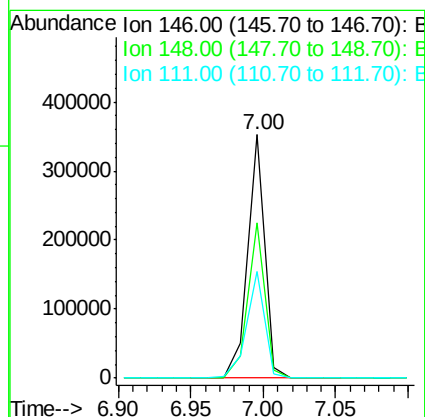
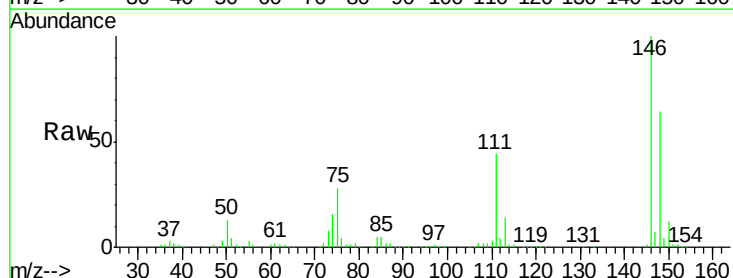
Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

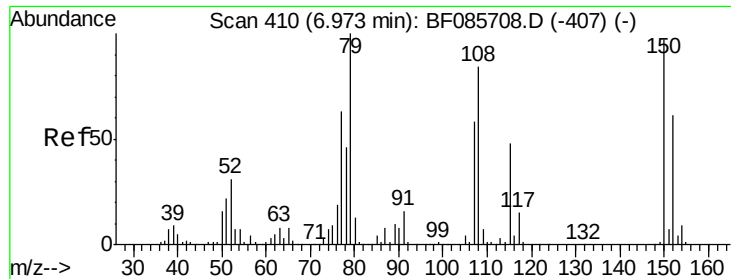
Tgt Ion:146 Resp: 288739
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 76.0
 111 47.9 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 38.32 ng
 RT: 7.00 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion:146 Resp: 289365
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.2
 111 43.7 34.6 52.0

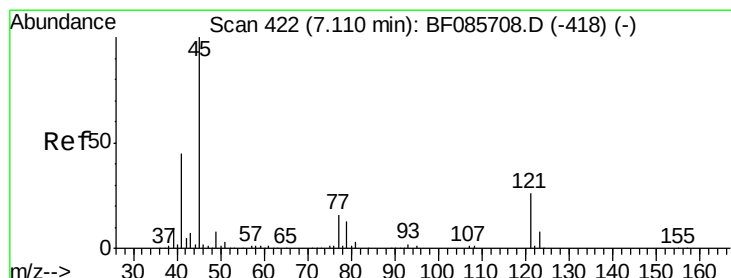
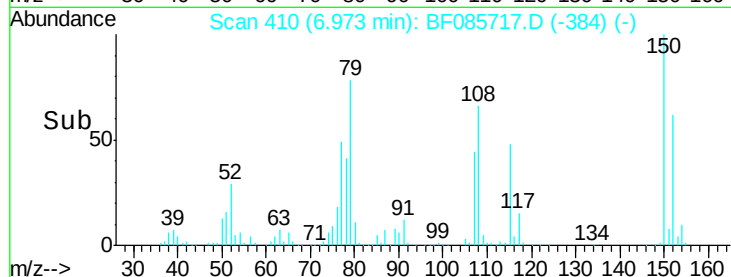
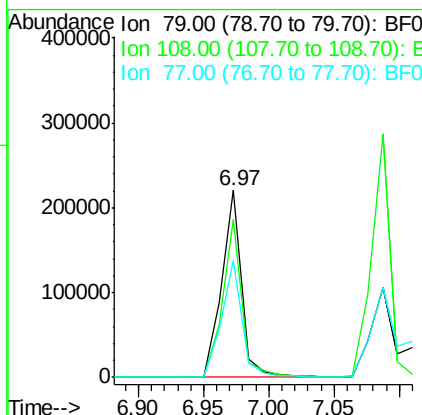
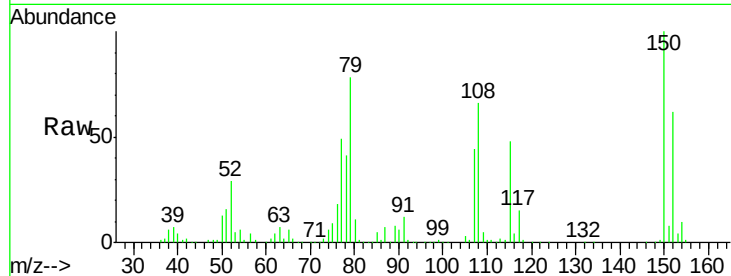




#15
Benzyl Alcohol
Concen: 43.83 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

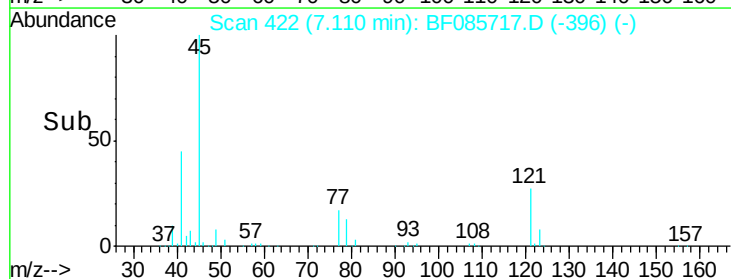
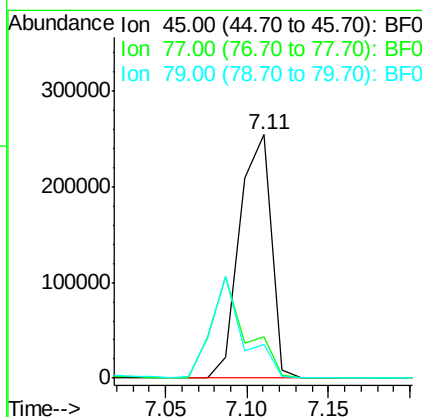
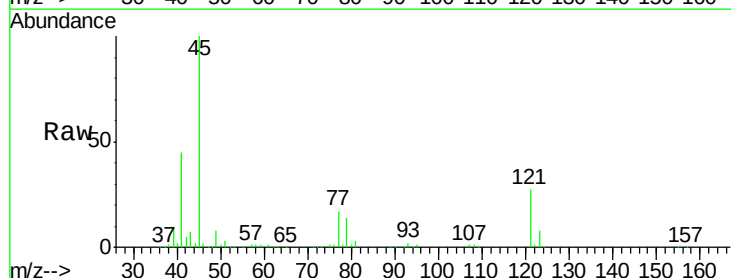
Instrument :
BNA_F
ClientSampleId :
PB88875BS

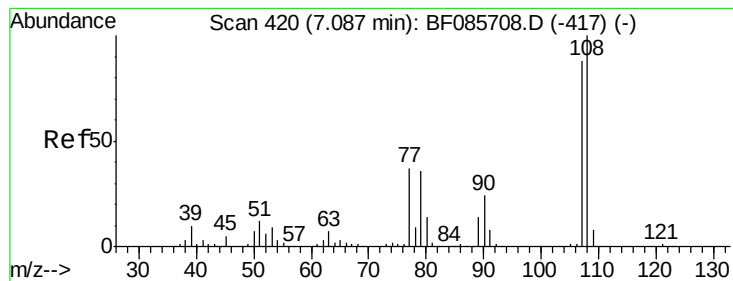
Tgt Ion: 79 Resp: 237465
Ion Ratio Lower Upper
79 100
108 84.4 61.8 92.6
77 62.9 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.16 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion: 45 Resp: 339649
Ion Ratio Lower Upper
45 100
77 17.0 0.0 35.7
79 13.7 0.0 32.2





#17

2-Methylphenol

Concen: 41.58 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleID :

PB8875BS

Tgt Ion:107 Resp: 247007

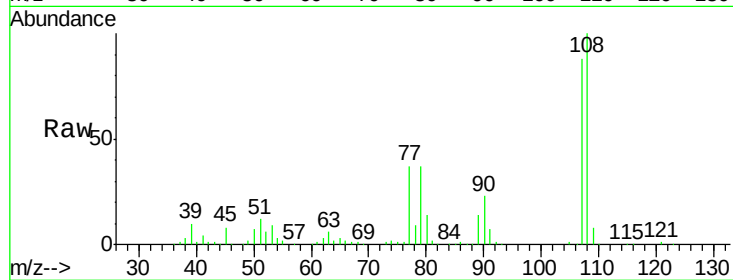
Ion Ratio Lower Upper

107 100

108 113.5 91.4 137.0

77 41.9 36.2 54.2

79 41.9 35.8 53.8

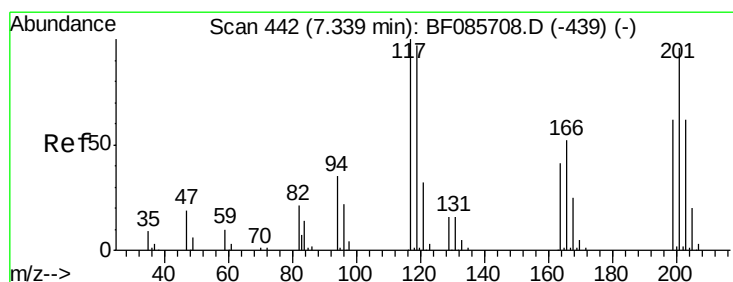
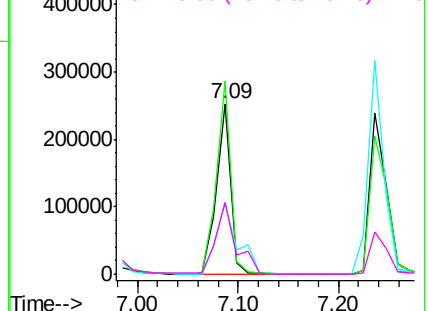
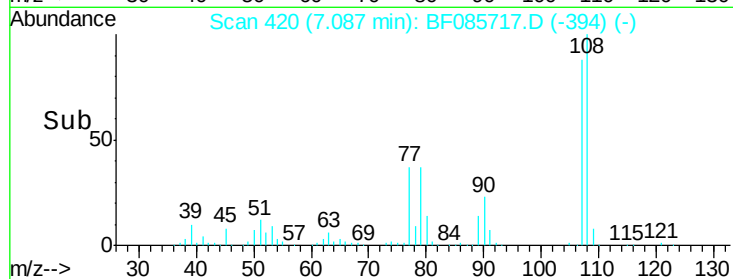


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.86 ng

RT: 7.34 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

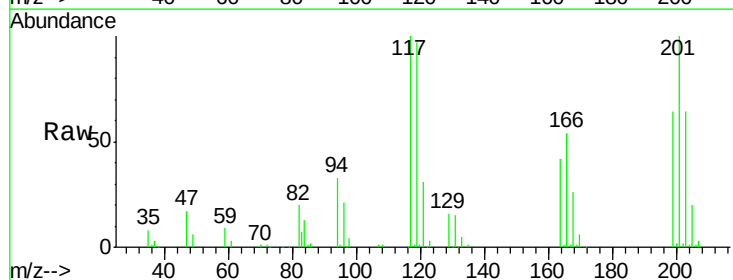
Tgt Ion:117 Resp: 112332

Ion Ratio Lower Upper

117 100

119 96.8 76.7 115.1

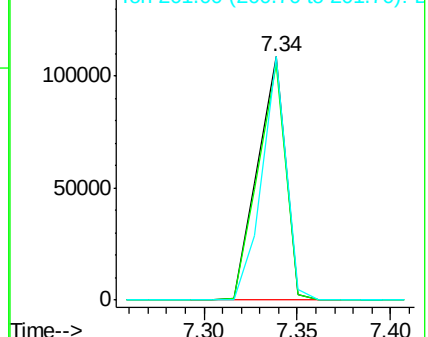
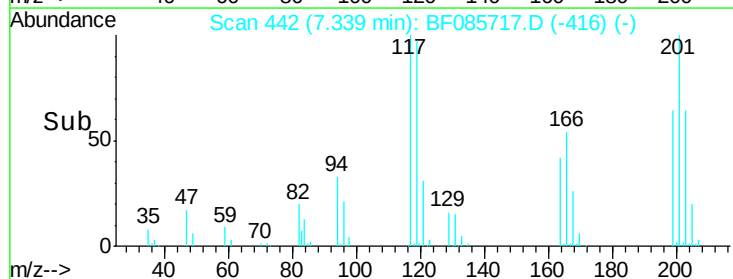
201 99.8 83.3 124.9

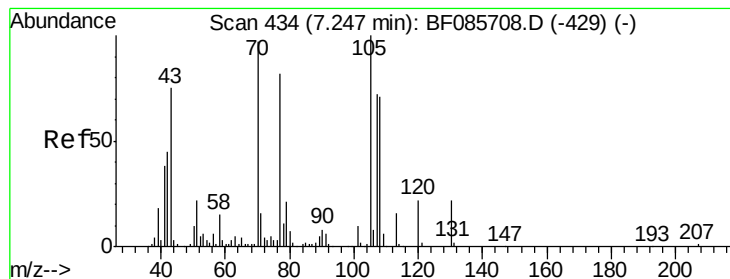


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.10 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB8875BS

Tgt Ion: 70 Resp: 185219

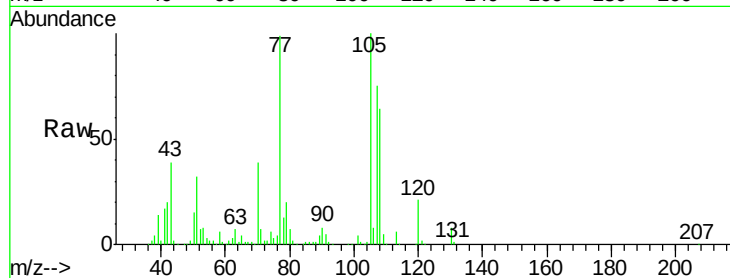
Ion Ratio Lower Upper

70 100

42 51.7 37.1 55.7

101 9.3 8.6 12.8

130 19.7 19.6 29.4



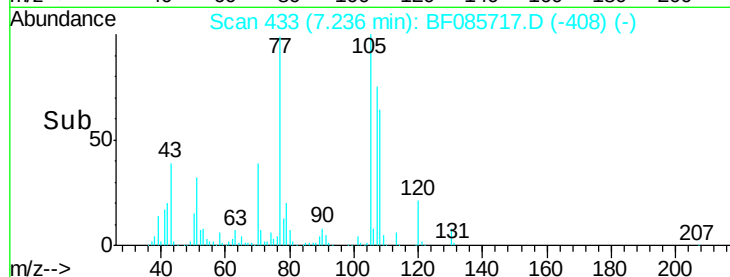
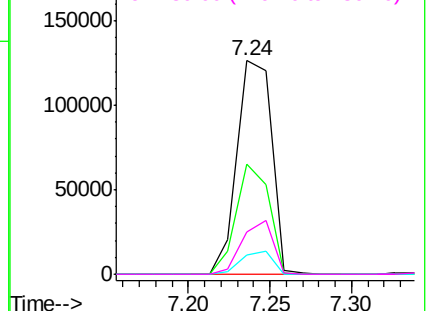
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 38.62 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion:107 Resp: 275819

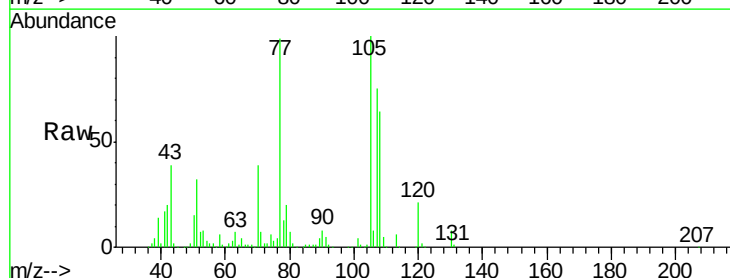
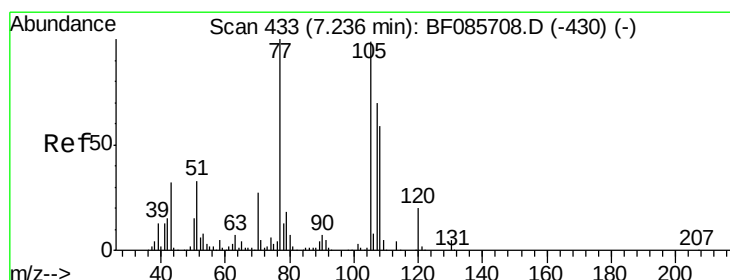
Ion Ratio Lower Upper

107 100

108 86.0 69.3 109.3

77 132.3 101.7 141.7

79 26.3 8.3 48.3



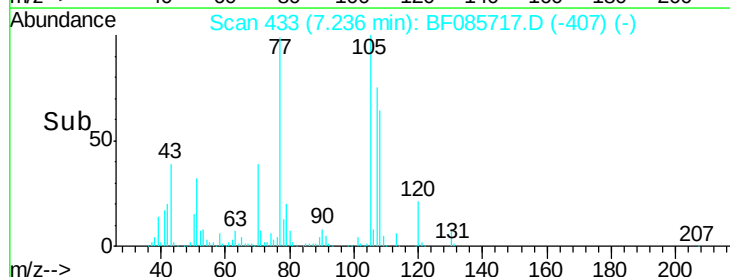
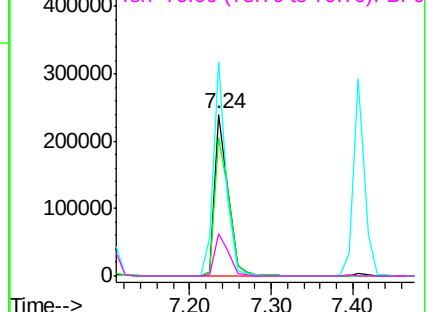
Abundance

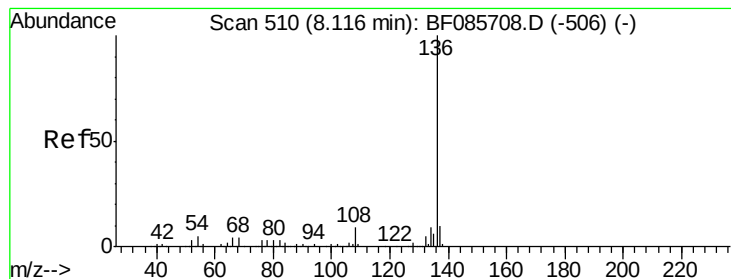
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

Tgt Ion:136 Resp: 416980

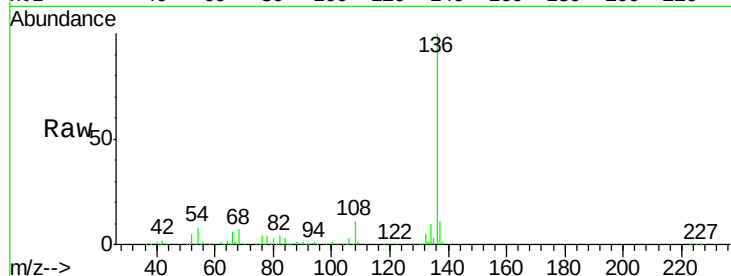
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.4 7.4 11.0

68 6.7 5.8 8.8

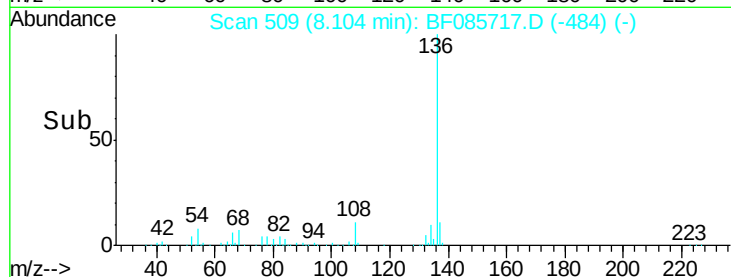


Abundance Ion 136.00 (135.70 to 136.70): E

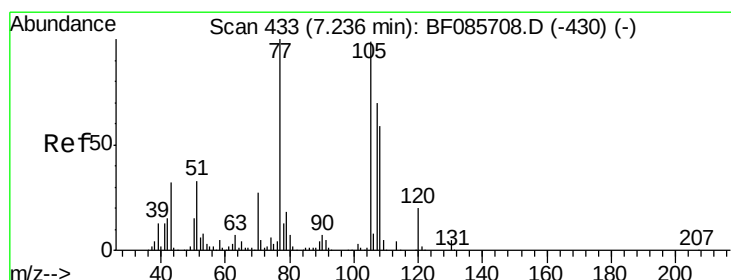
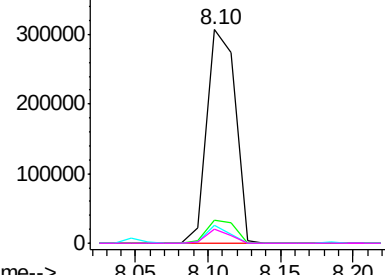
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.50 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion:105 Resp: 354572

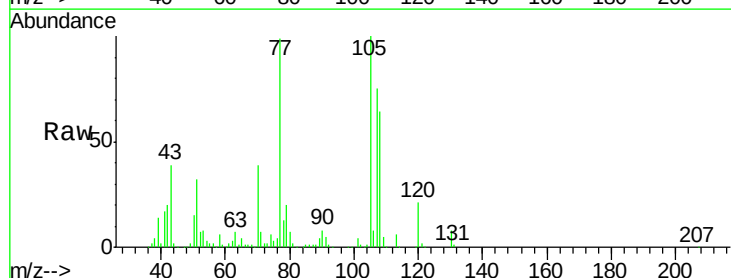
Ion Ratio Lower Upper

105 100

71 6.6 3.6 5.4#

51 31.6 25.4 38.0

120 21.0 16.9 25.3

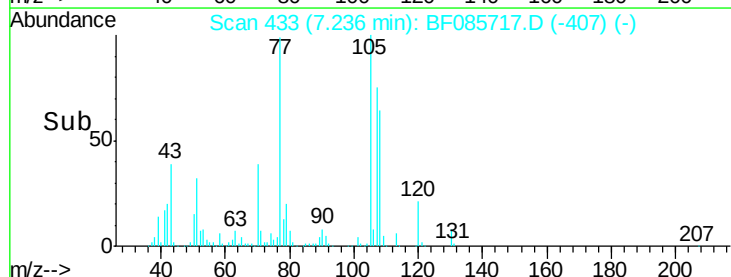


Abundance Ion 105.00 (104.70 to 105.70): E

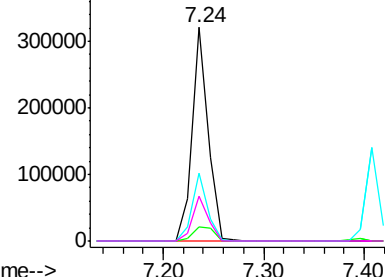
Ion 71.00 (70.70 to 71.70): BF0

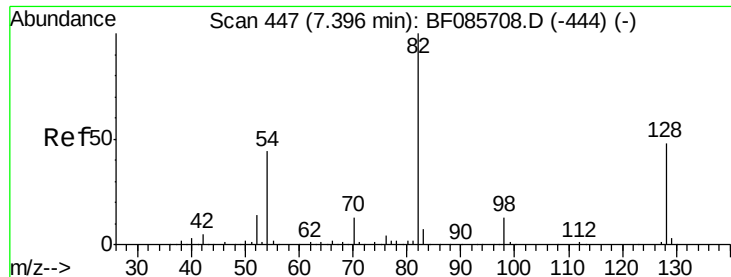
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

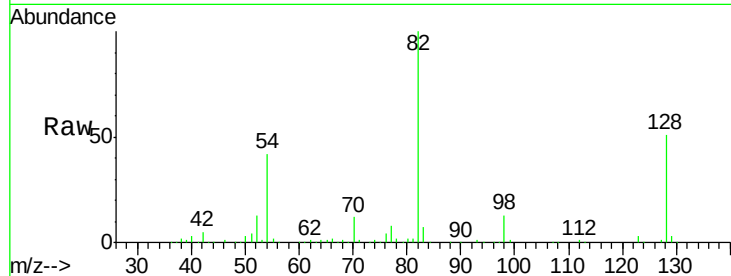




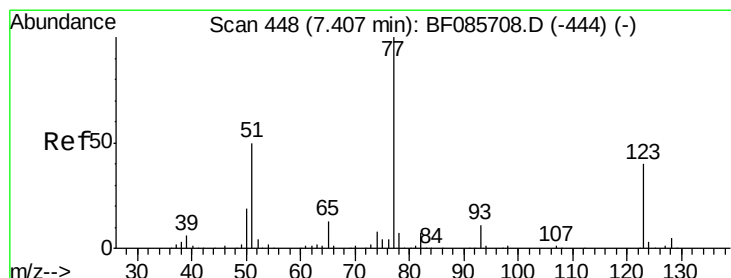
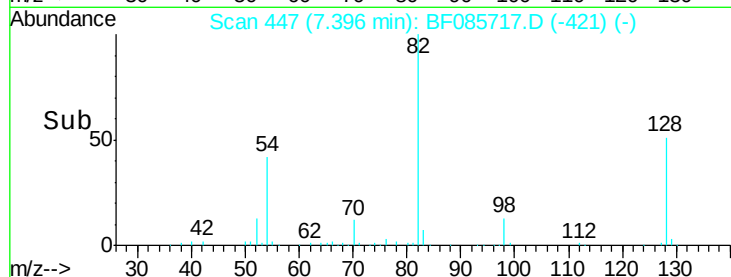
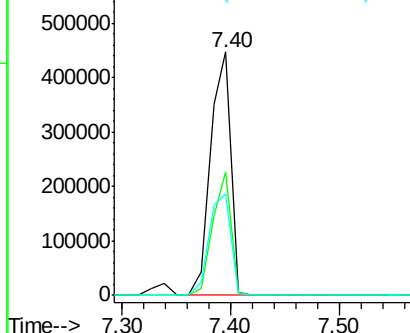
#23
 Nitrobenzene-d5
 Concen: 79.07 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion: 82 Resp: 585482
 Ion Ratio Lower Upper
 82 100
 128 50.8 41.8 62.8
 54 41.9 33.4 50.0

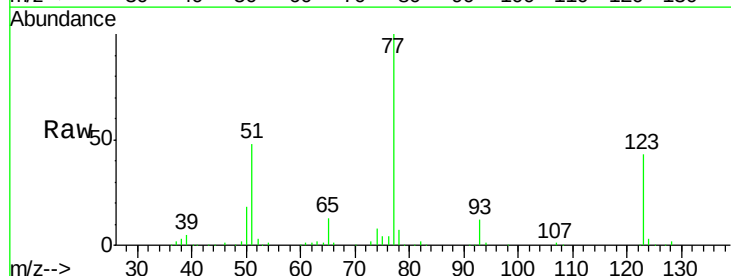


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

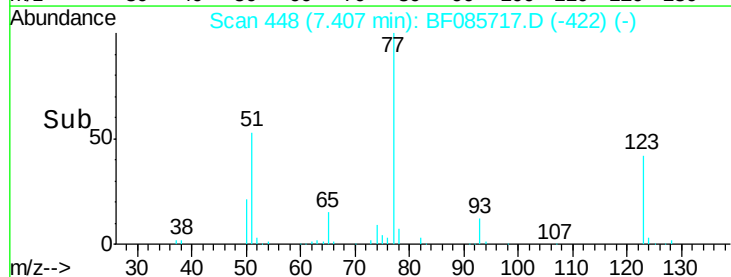
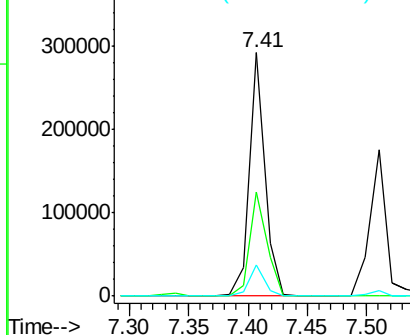


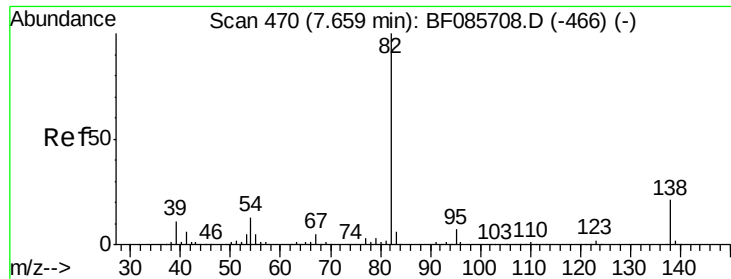
#24
 Nitrobenzene
 Concen: 35.46 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion: 77 Resp: 270675
 Ion Ratio Lower Upper
 77 100
 123 43.0 35.0 52.4
 65 13.0 10.6 16.0



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





#25

Isophorone

Concen: 37.67 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

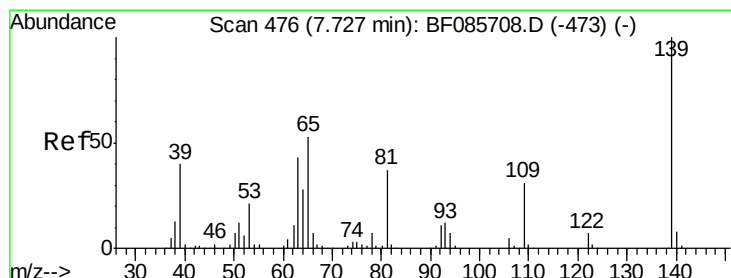
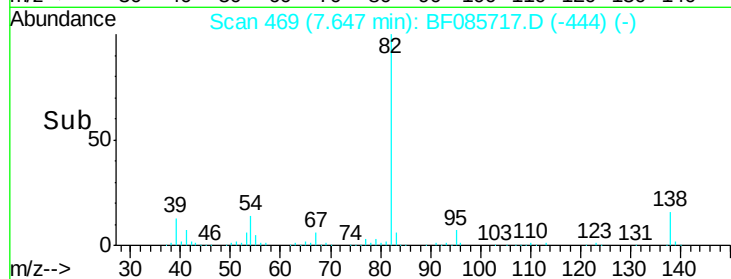
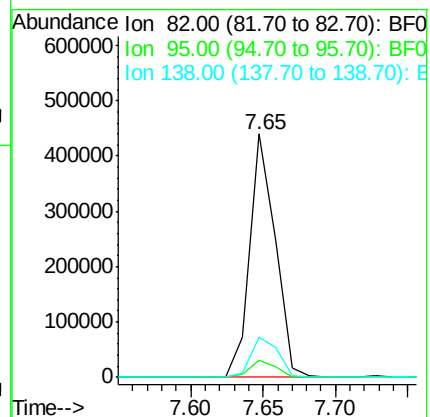
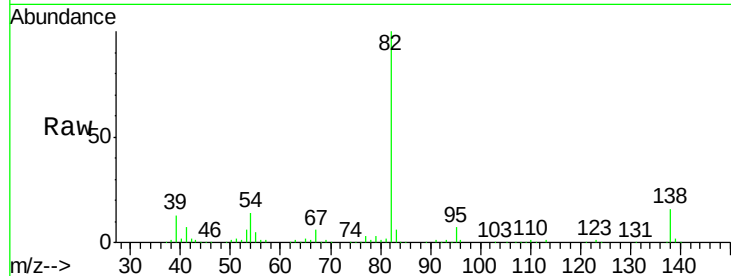
Tgt Ion: 82 Resp: 537267

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 16.4 12.9 19.3



#26

2-Nitrophenol

Concen: 38.90 ng

RT: 7.73 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

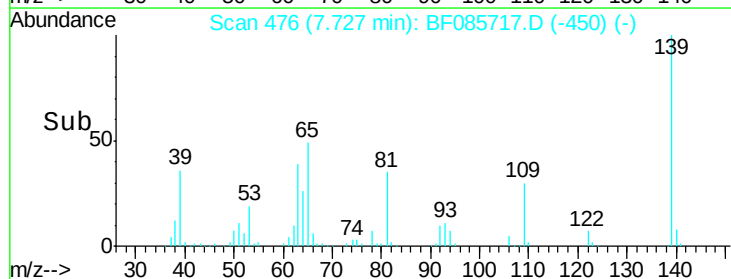
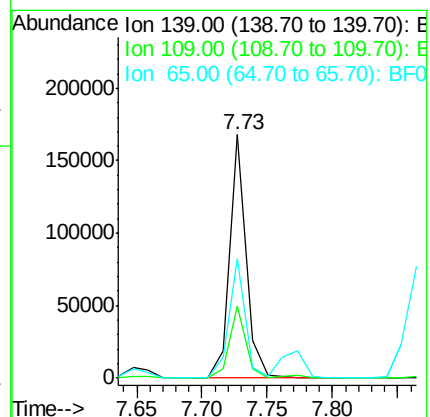
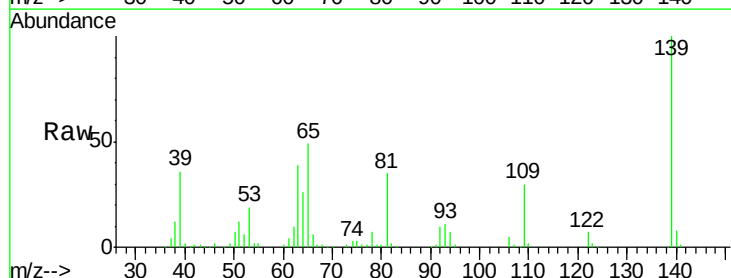
Tgt Ion: 139 Resp: 148557

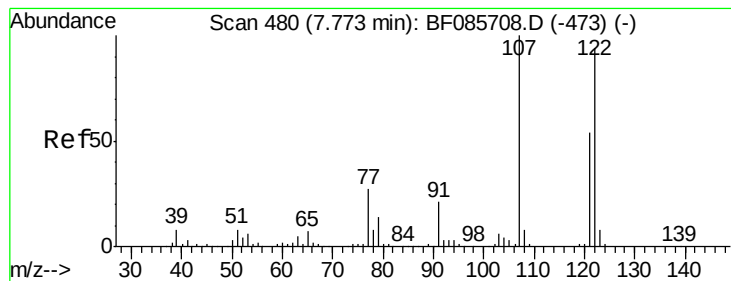
Ion Ratio Lower Upper

139 100

109 29.6 22.1 33.1

65 49.3 33.9 50.9





#27

2,4-Dimethylphenol

Concen: 42.59 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

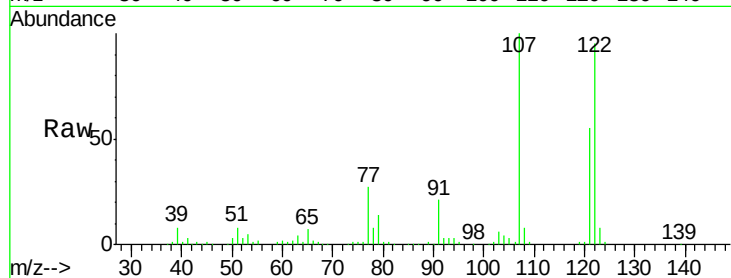
Tgt Ion:122 Resp: 284270

Ion Ratio Lower Upper

122 100

107 105.0 93.0 139.6

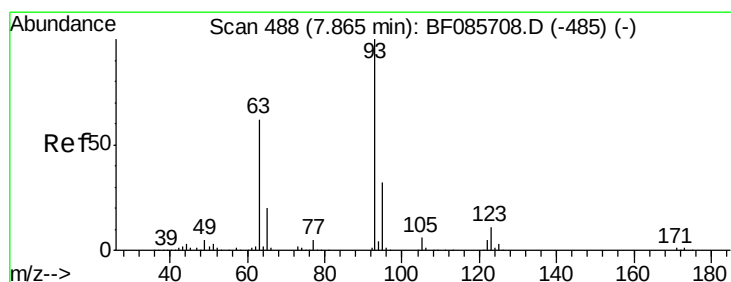
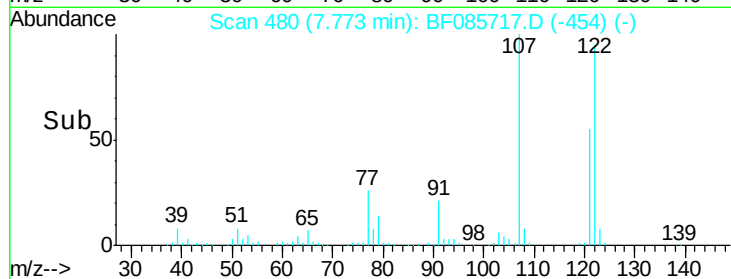
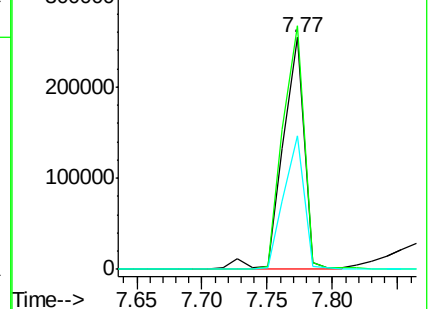
121 57.5 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.79 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

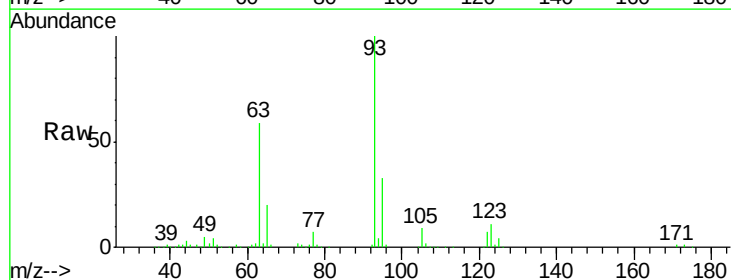
Tgt Ion: 93 Resp: 355891

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

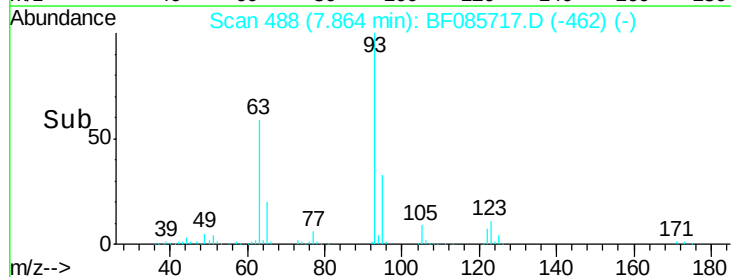
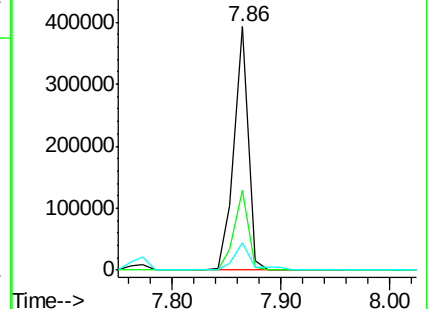
123 11.5 9.8 14.6

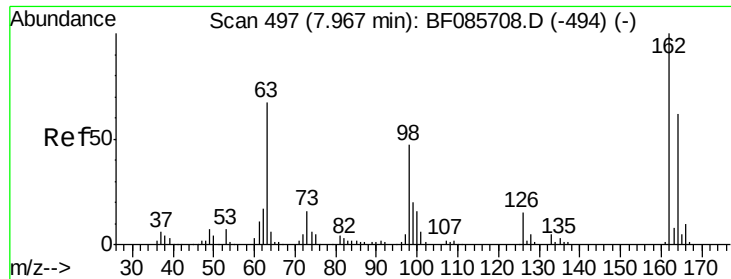


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

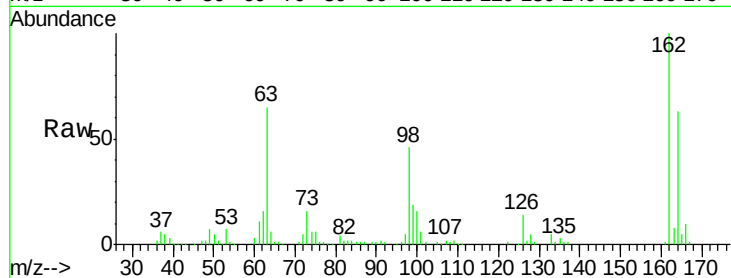




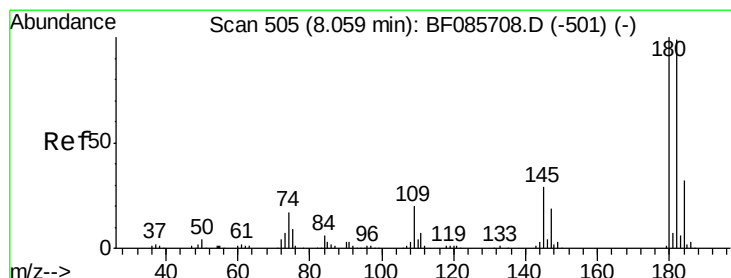
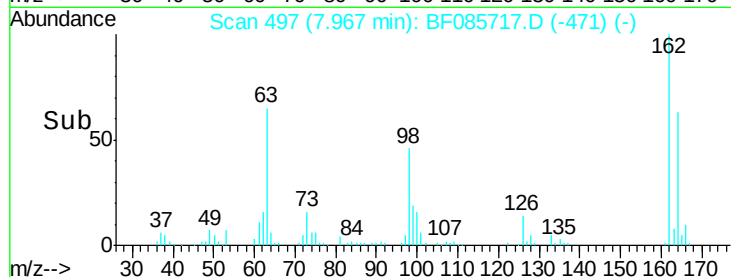
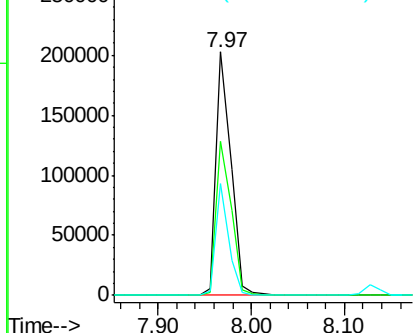
#29
2,4-Dichlorophenol
Concen: 39.91 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.7	83.7
98	46.0	20.4	60.4

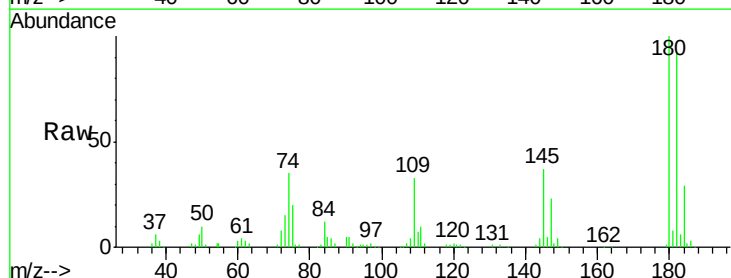


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

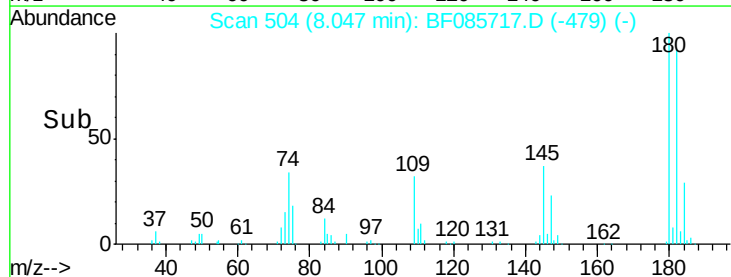
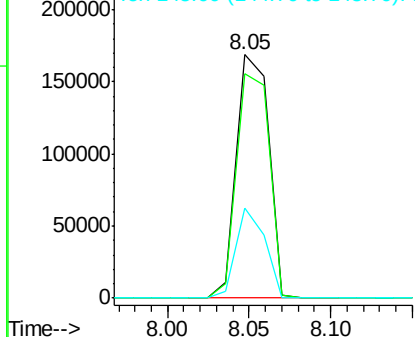


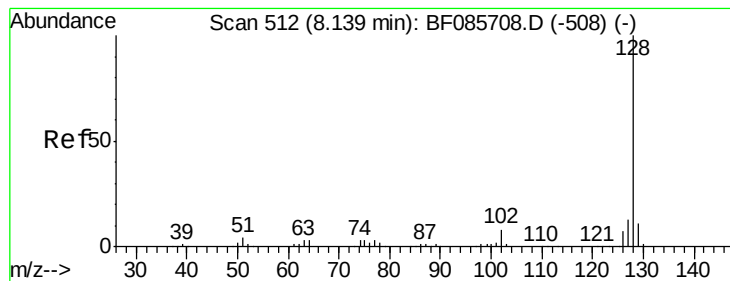
#30
1,2,4-Trichlorobenzene
Concen: 37.07 ng
RT: 8.05 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	73.8	110.8
145	37.1	28.4	42.6



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





#31

Naphthalene

Concen: 37.14 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

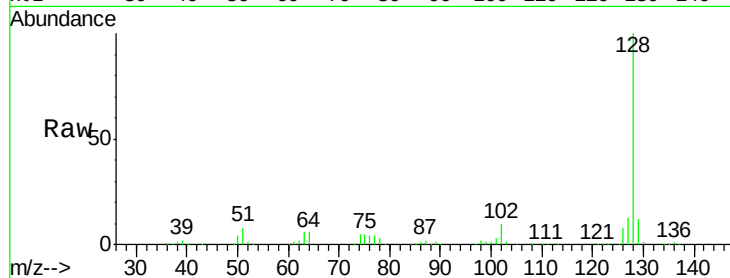
Tgt Ion:128 Resp: 780420

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

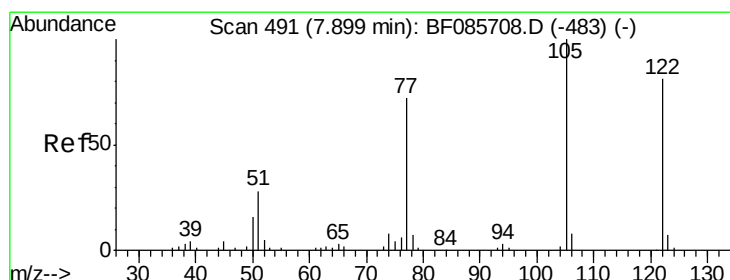
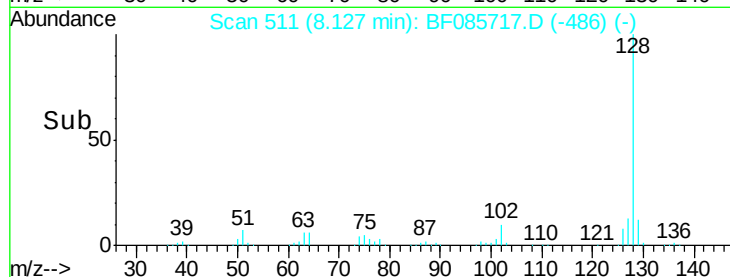
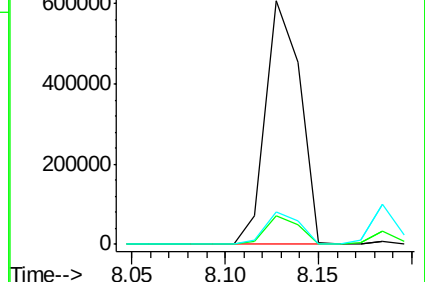
127 13.3 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.48 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

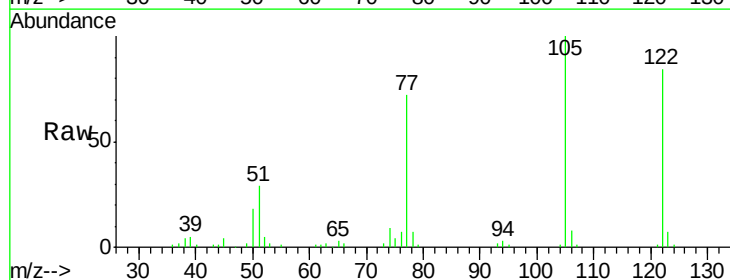
Tgt Ion:122 Resp: 166132

Ion Ratio Lower Upper

122 100

105 118.5 102.9 142.9

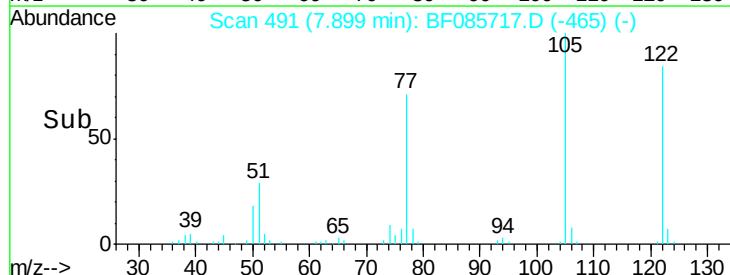
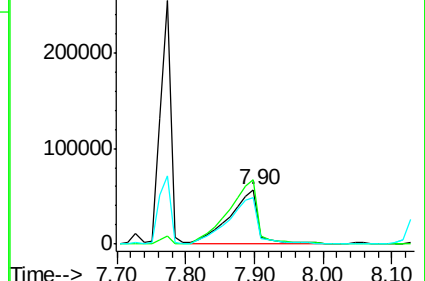
77 85.7 71.8 111.8

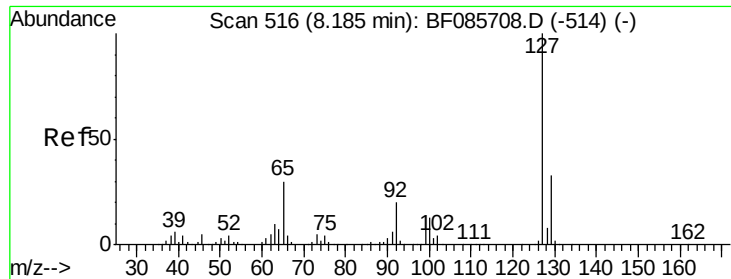


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

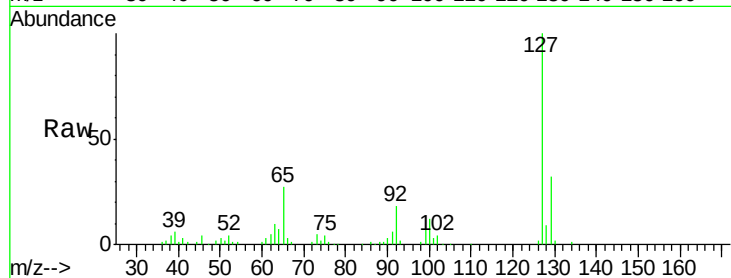




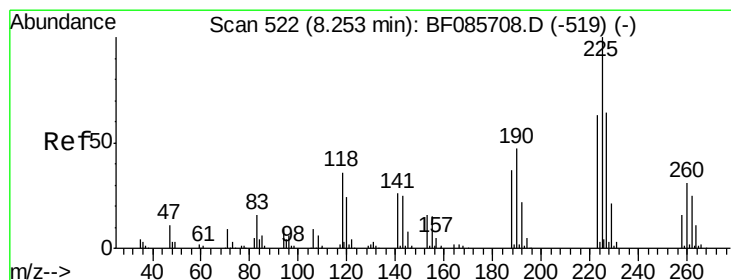
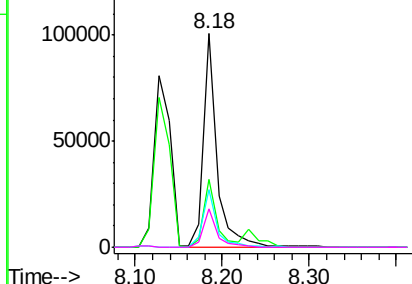
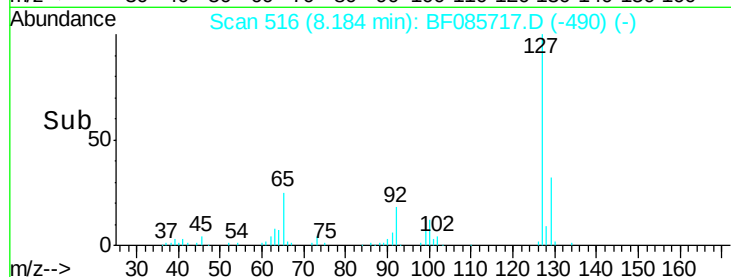
#33
4-Chloroaniline
Concen: 12.65 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion:	127	Resp:	108548
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	27.1	19.5	29.3
92	18.1	14.6	22.0

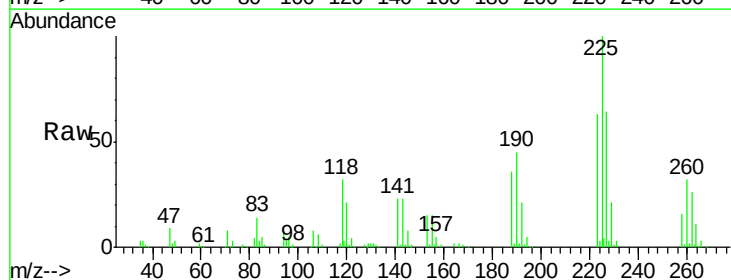


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

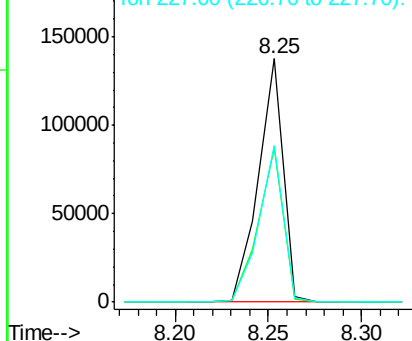
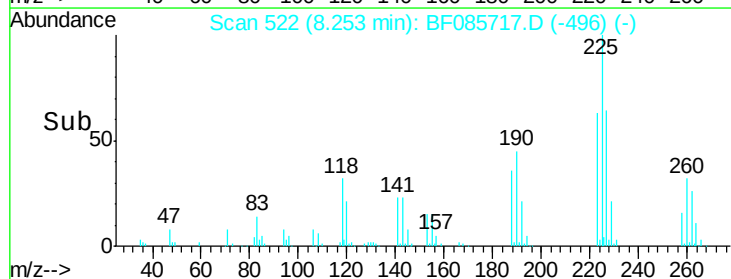


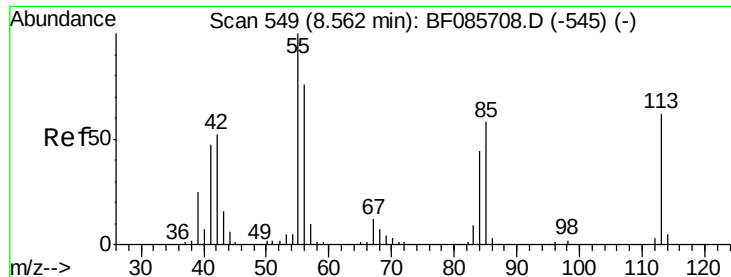
#34
Hexachlorobutadiene
Concen: 38.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion:	225	Resp:	128650
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.4	75.6
227	64.3	51.4	77.2



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

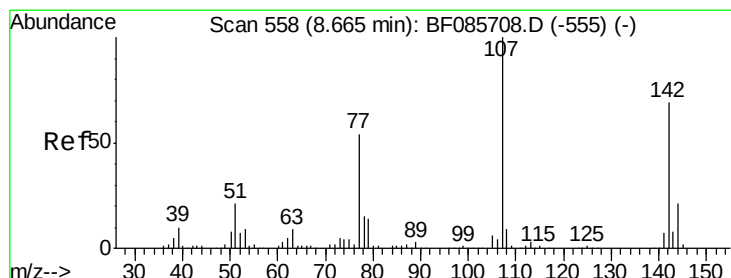
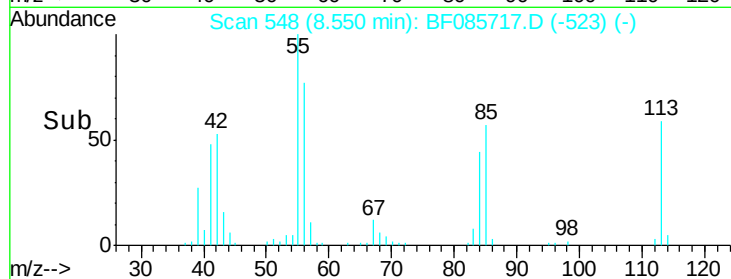
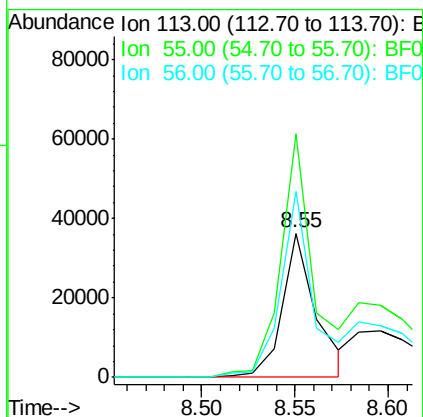
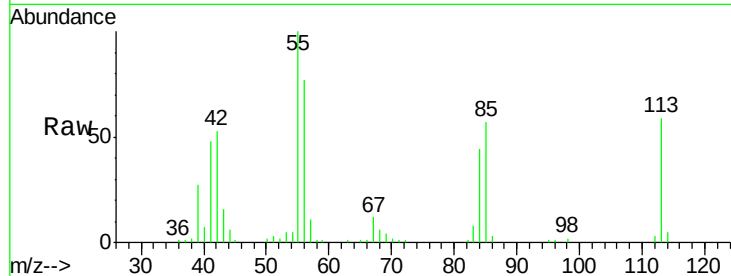




#35
 Caprolactam
 Concen: 22.99 ng
 RT: 8.55 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

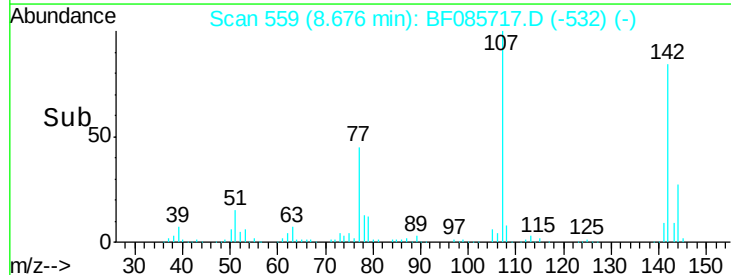
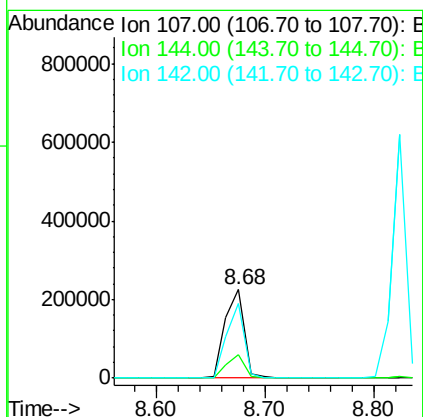
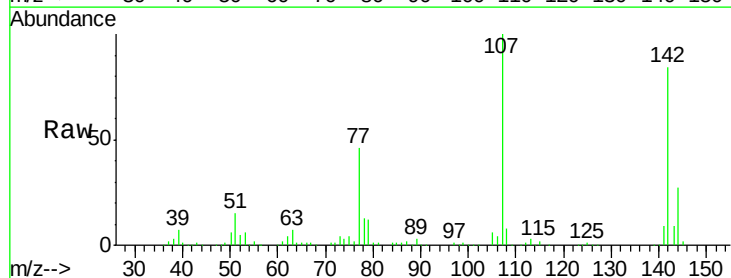
Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

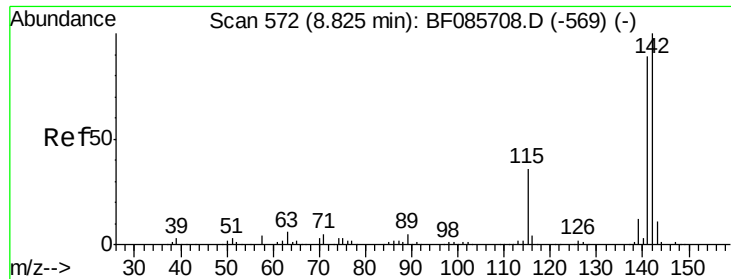
Tgt Ion:113 Resp: 45698
 Ion Ratio Lower Upper
 113 100
 55 169.3 139.4 179.4
 56 129.6 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.95 ng
 RT: 8.68 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion:107 Resp: 274949
 Ion Ratio Lower Upper
 107 100
 144 27.2 19.3 28.9
 142 84.0 61.4 92.0

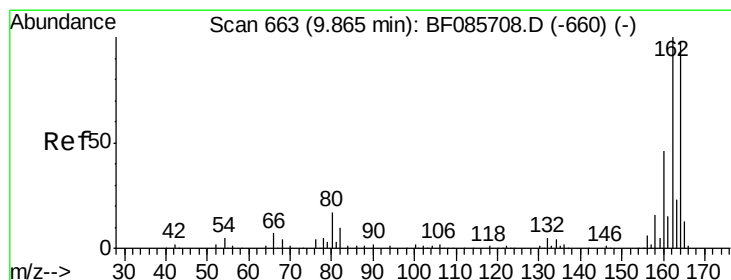
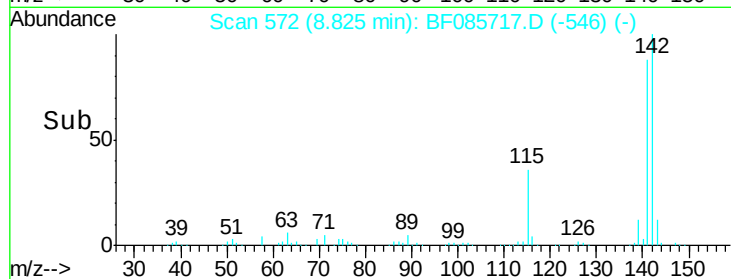
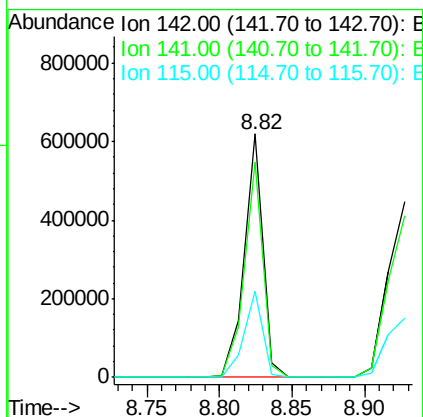
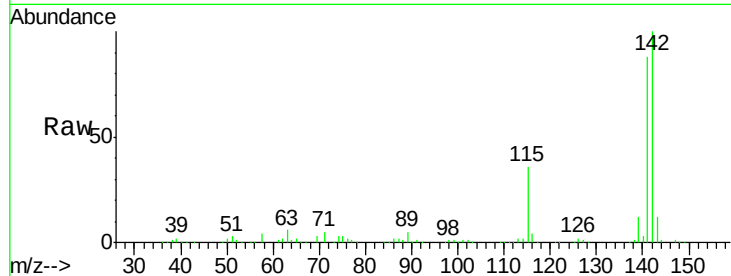




#37
 2-Methylnaphthalene
 Concen: 45.47 ng
 RT: 8.82 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

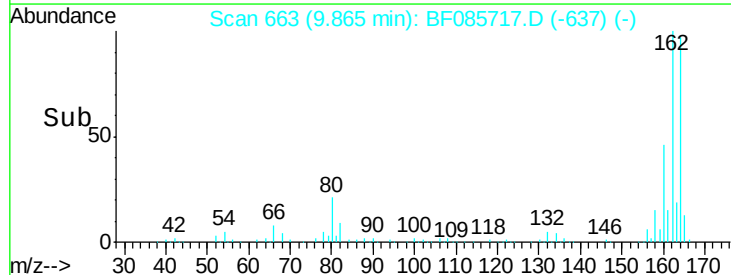
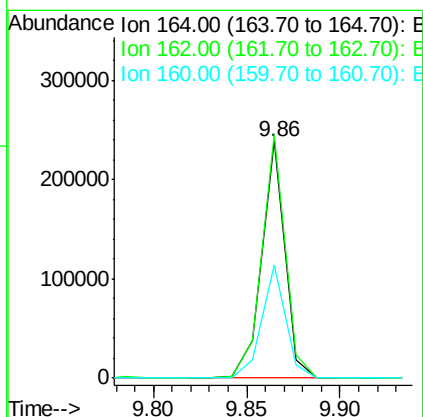
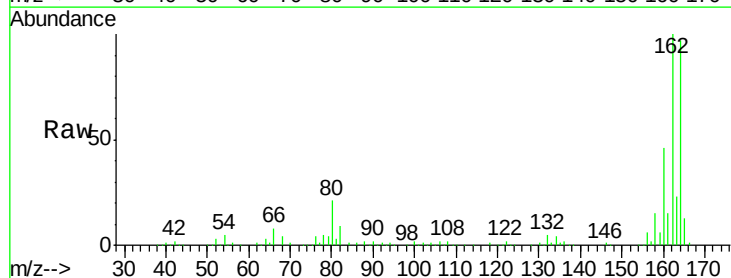
Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

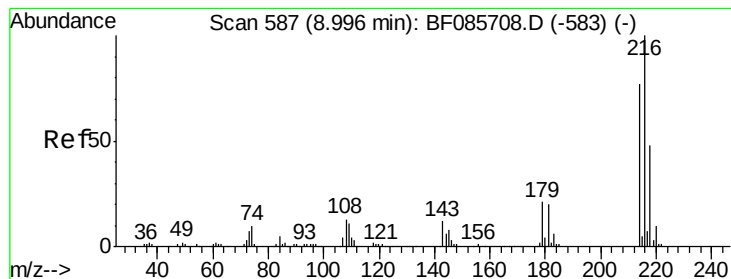
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4
115	35.6	26.8	40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	47.7	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.64 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB8875BS

Tgt Ion:216 Resp: 220401

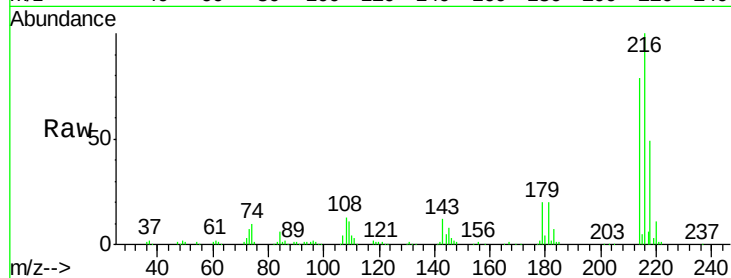
Ion Ratio Lower Upper

216 100

214 79.5 63.1 94.7

179 22.7 18.2 27.2

108 22.2 17.3 25.9

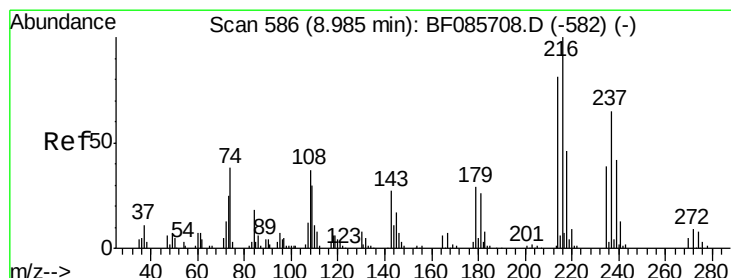
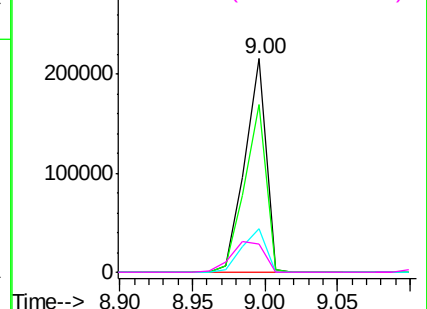
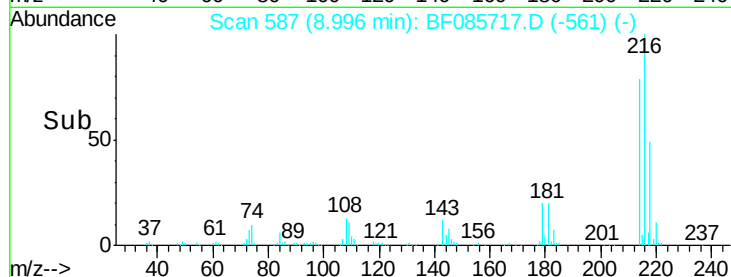


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.69 ng

RT: 8.97 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

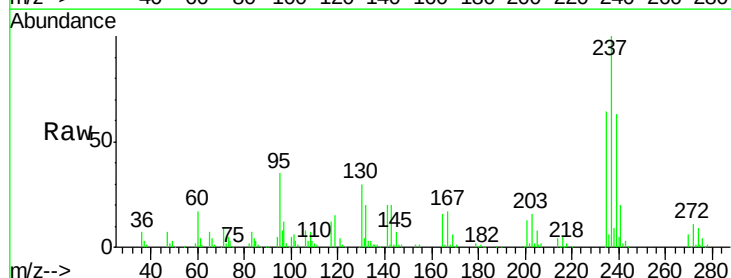
Tgt Ion:237 Resp: 191176

Ion Ratio Lower Upper

237 100

235 64.2 43.7 83.7

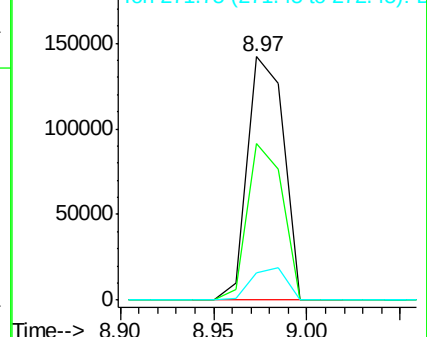
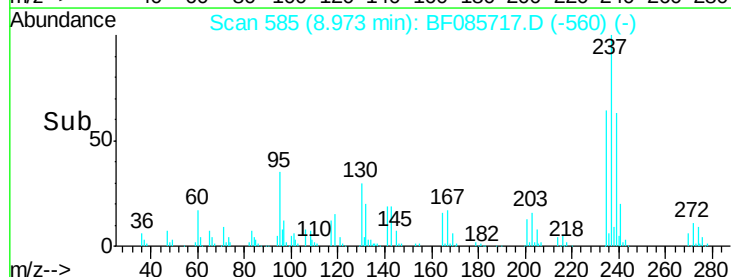
272 11.1 0.0 31.9

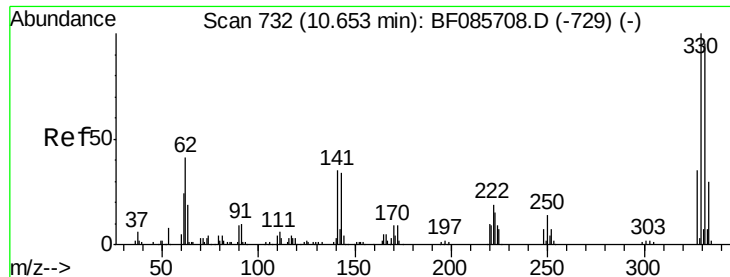


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

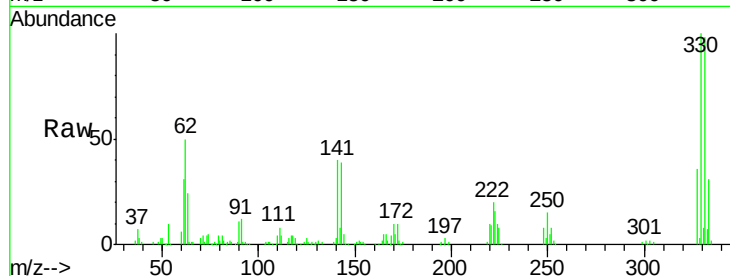




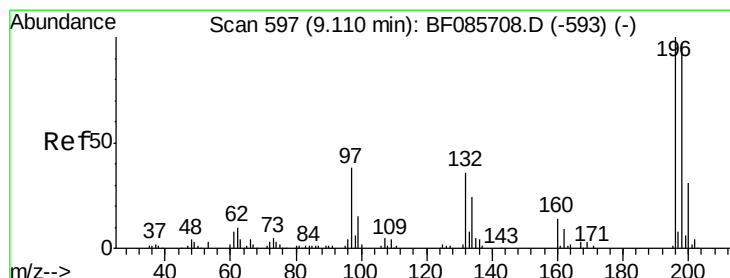
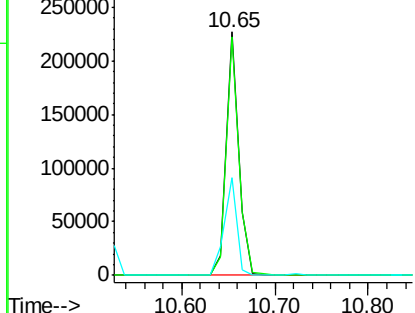
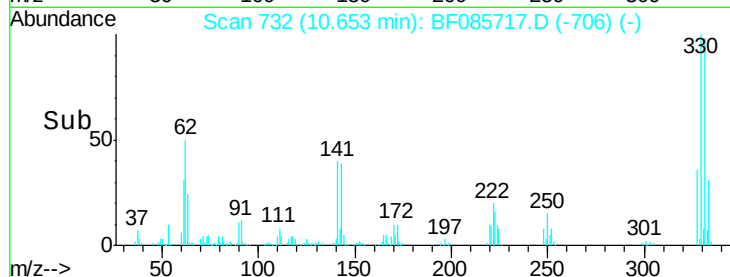
#41
 2,4,6-Tribromophenol
 Concen: 110.52 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion:330 Resp: 212998
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.2 117.2
 141 40.3 31.5 47.3

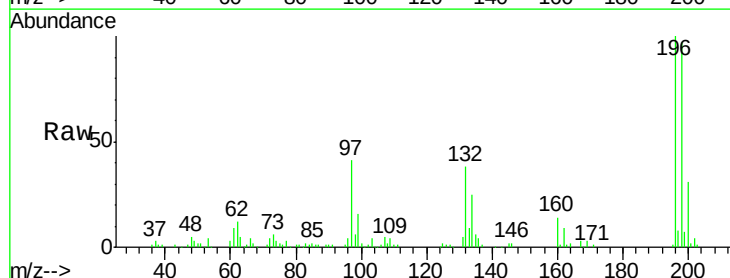


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

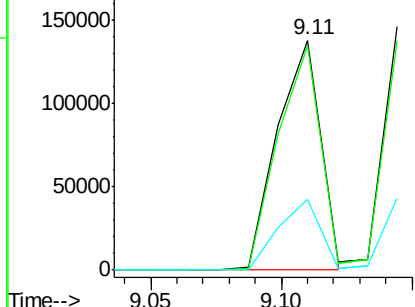
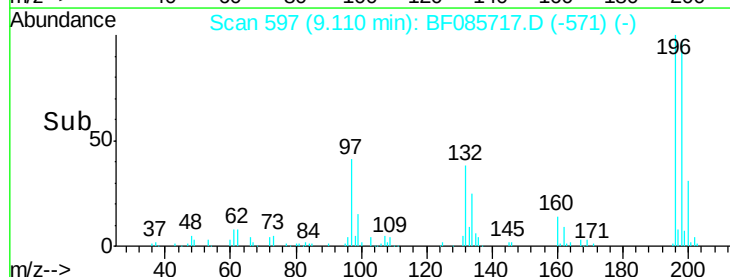


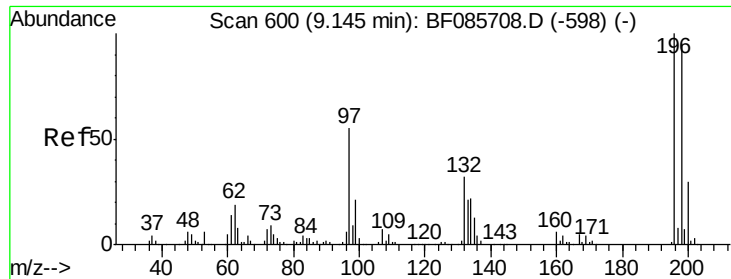
#42
 2,4,6-Trichlorophenol
 Concen: 38.93 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion:196 Resp: 158160
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.3 112.9
 200 30.9 23.7 35.5



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

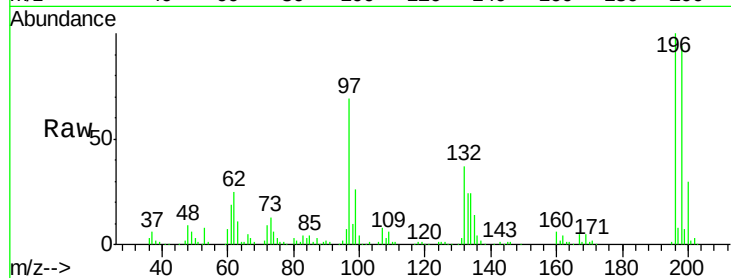




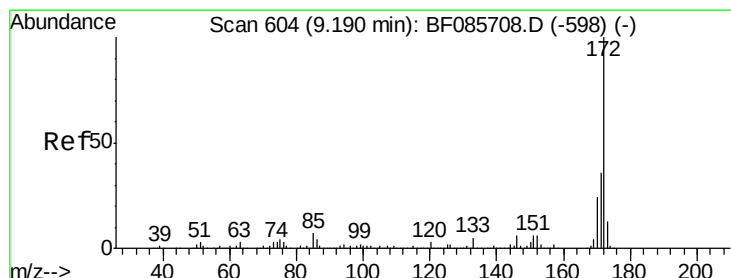
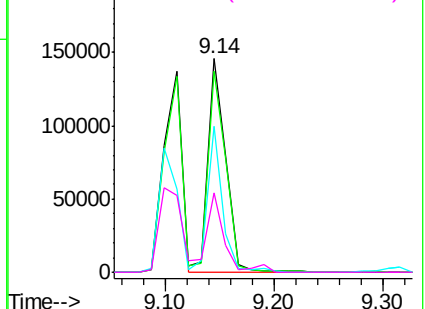
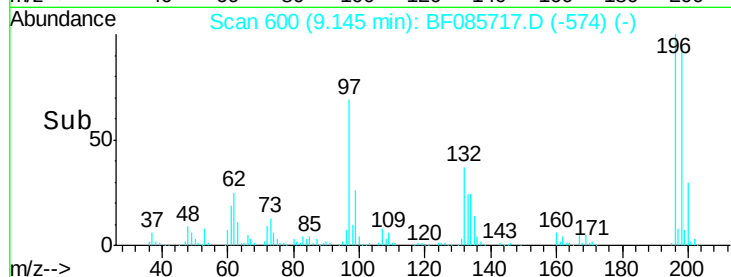
#43
 2,4,5-Trichlorophenol
 Concen: 39.03 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion:196 Resp: 166289
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 114.8
 97 68.5 30.5 45.7#
 132 37.3 20.2 30.2#

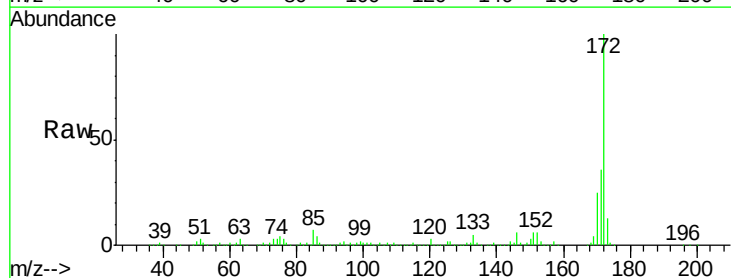


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

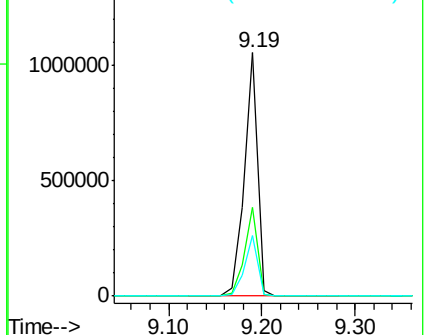
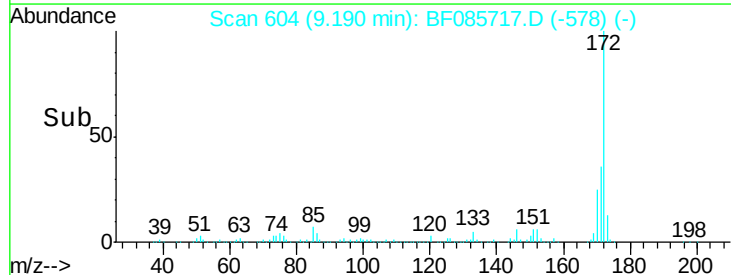


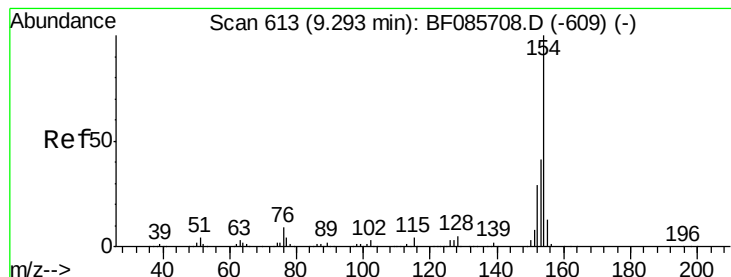
#44
 2-Fluorobiphenyl
 Concen: 84.45 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion:172 Resp: 1025299
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.7 19.8 29.6



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





#45

1,1'-Biphenyl

Concen: 37.70 ng

RT: 9.29 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

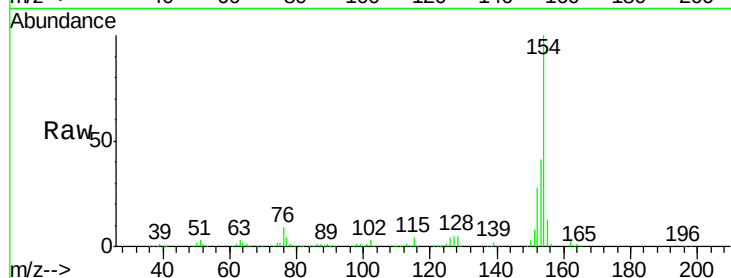
Tgt Ion:154 Resp: 645352

Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

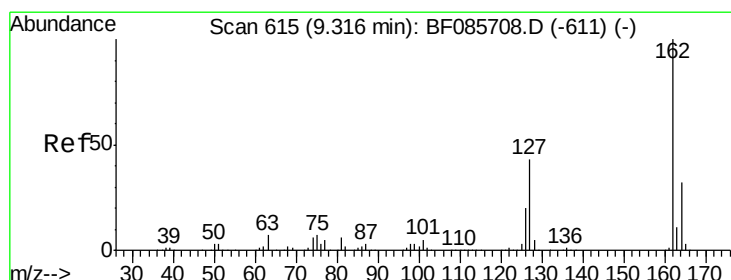
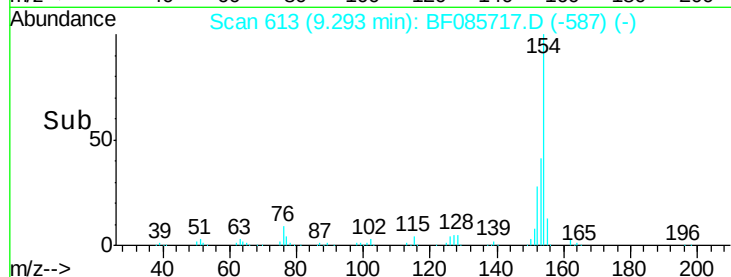
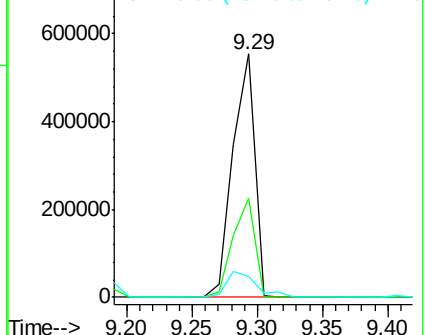
76 8.8 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.83 ng

RT: 9.32 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

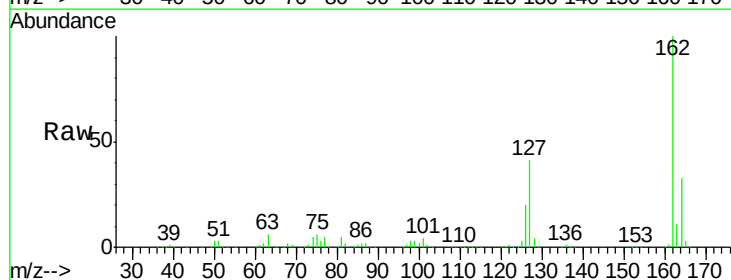
Tgt Ion:162 Resp: 513869

Ion Ratio Lower Upper

162 100

127 40.9 31.7 47.5

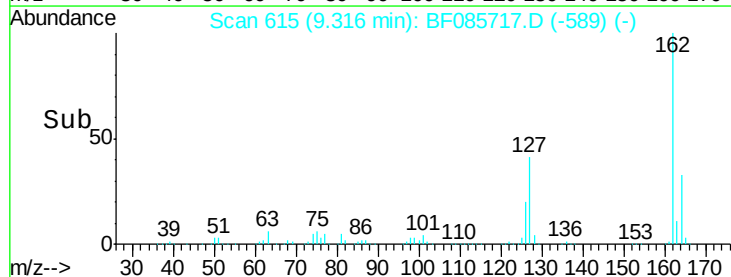
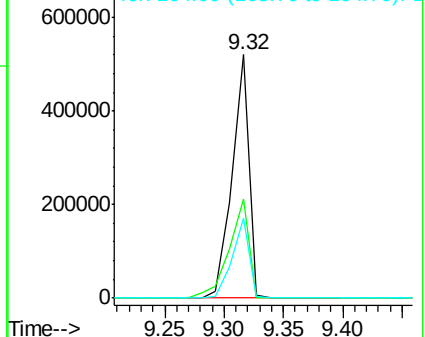
164 32.9 27.3 40.9

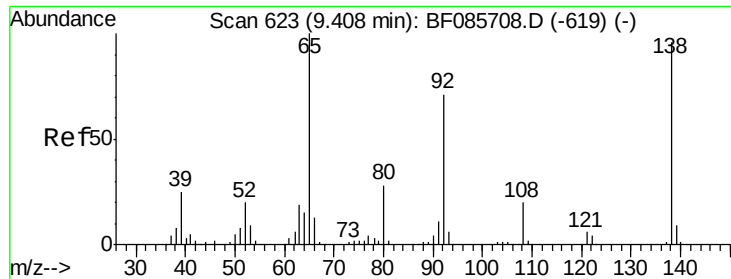


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

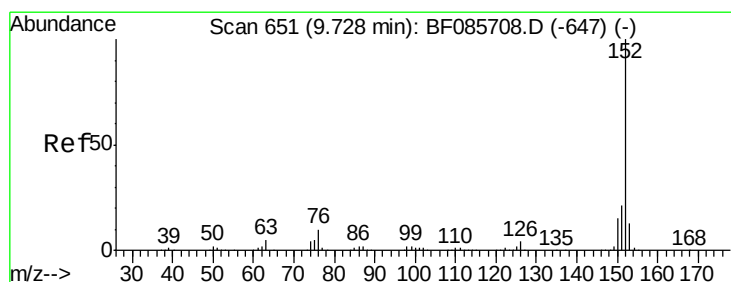
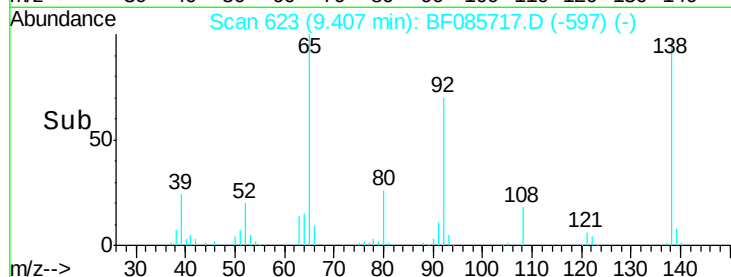
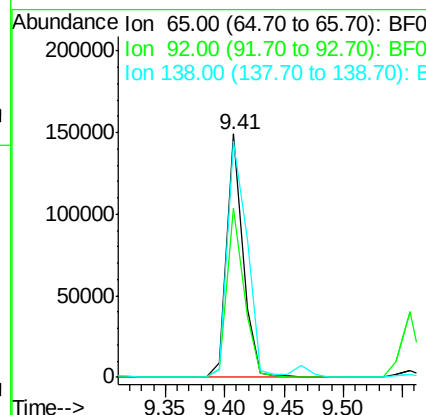
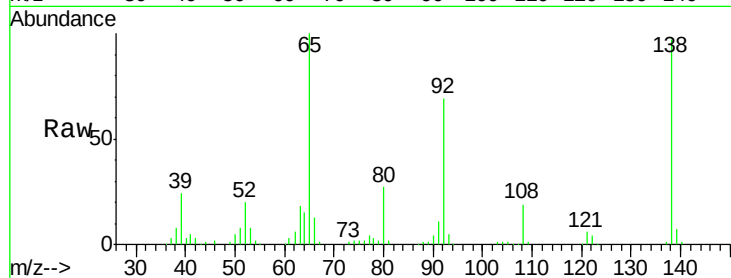




#47
2-Nitroaniline
Concen: 36.71 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

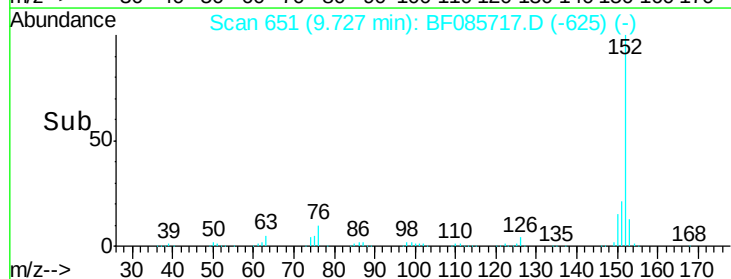
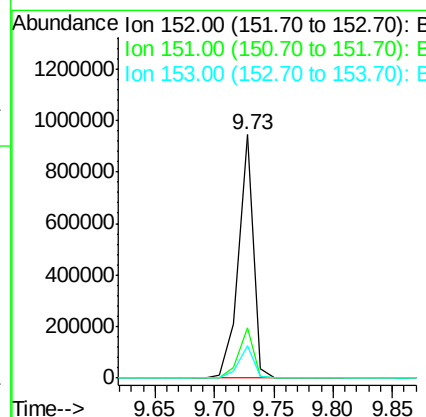
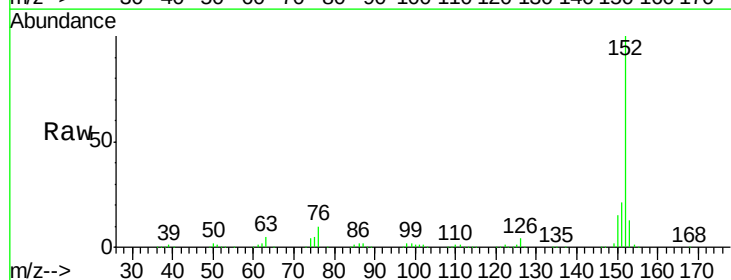
Instrument :
BNA_F
ClientSampleId :
PB88875BS

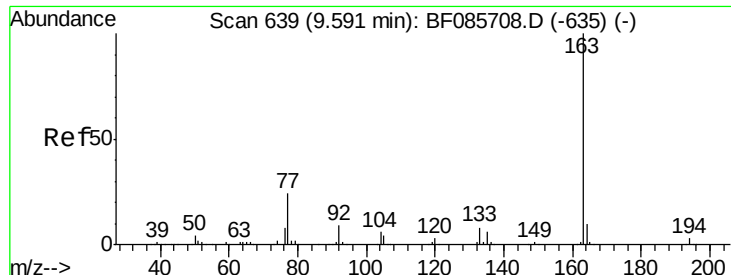
Tgt Ion: 65 Resp: 141275
Ion Ratio Lower Upper
65 100
92 69.3 59.7 89.5
138 96.9 91.4 137.0



#48
Acenaphthylene
Concen: 40.31 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion: 152 Resp: 826690
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.2 10.9 16.3





#49

Dimethylphthalate

Concen: 36.91 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB8875BS

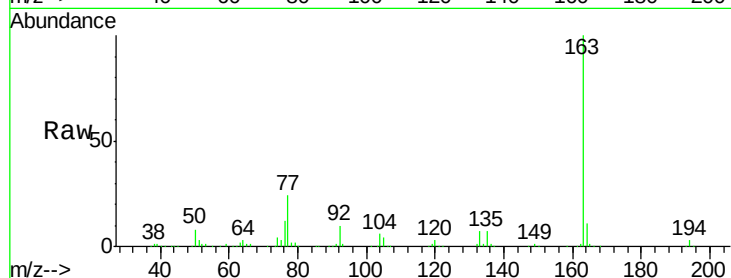
Tgt Ion:163 Resp: 568072

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

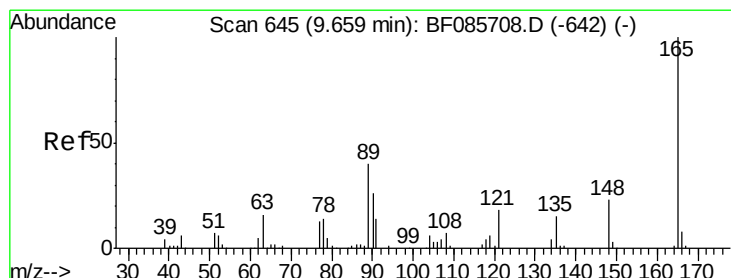
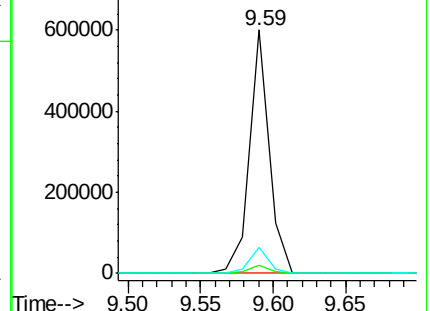
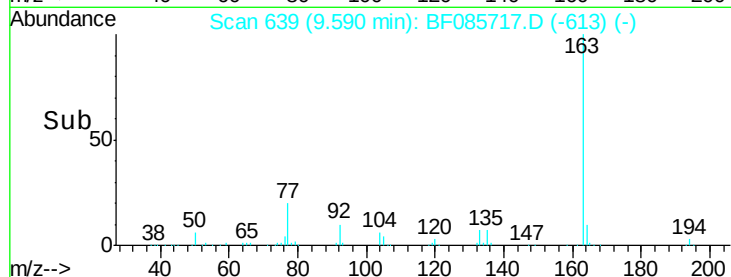
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.38 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

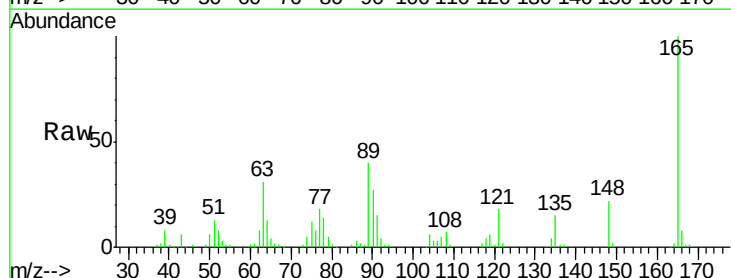
Tgt Ion:165 Resp: 133747

Ion Ratio Lower Upper

165 100

63 30.6 51.8 77.8#

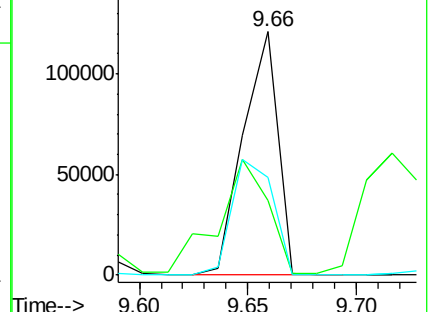
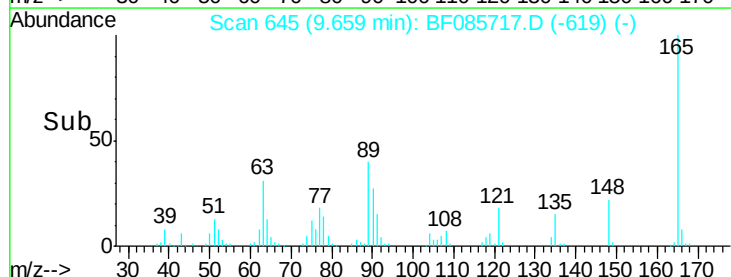
89 40.4 53.7 80.5#

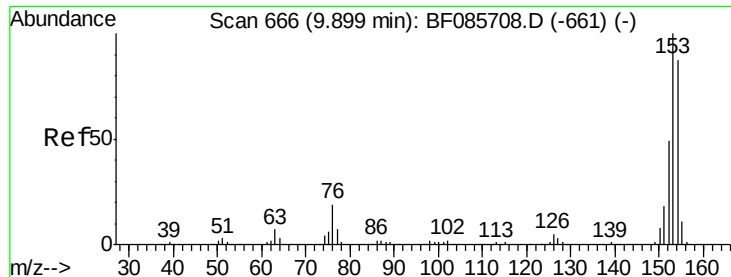


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.53 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

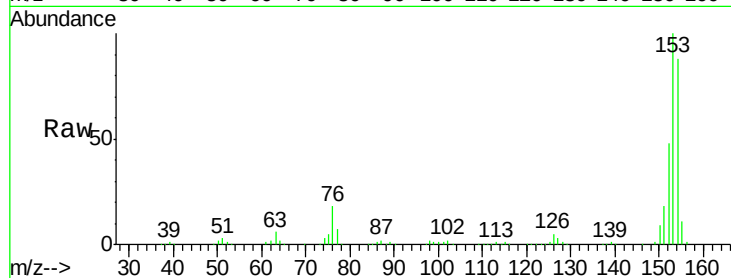
Tgt Ion:154 Resp: 482674

Ion Ratio Lower Upper

154 100

153 113.3 90.1 135.1

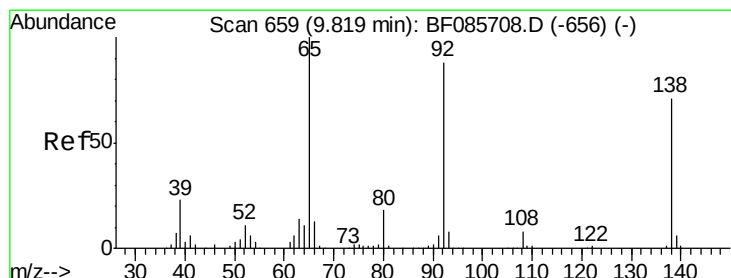
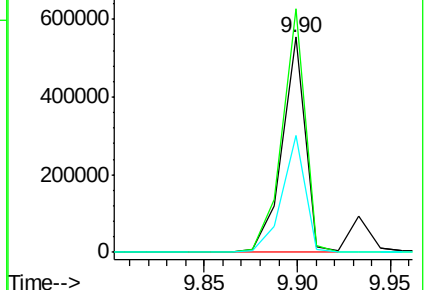
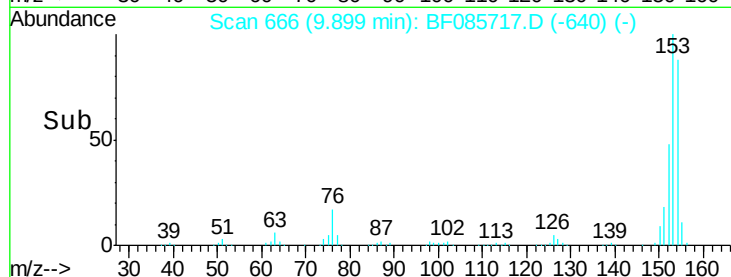
152 54.5 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.42 ng

RT: 9.82 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

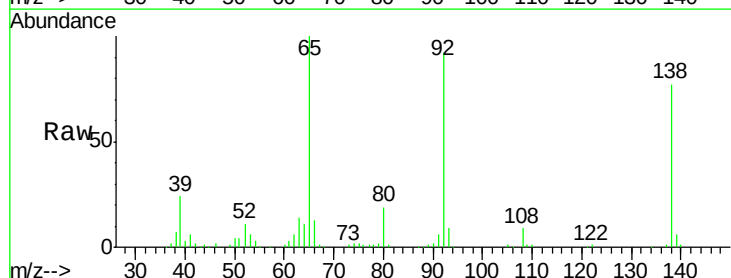
Tgt Ion:138 Resp: 81211

Ion Ratio Lower Upper

138 100

108 11.3 8.7 13.1

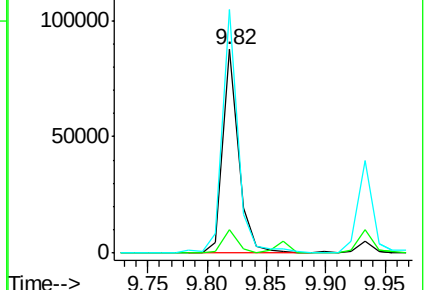
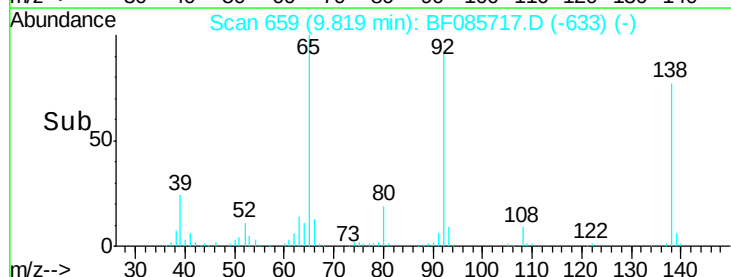
92 119.5 93.3 139.9

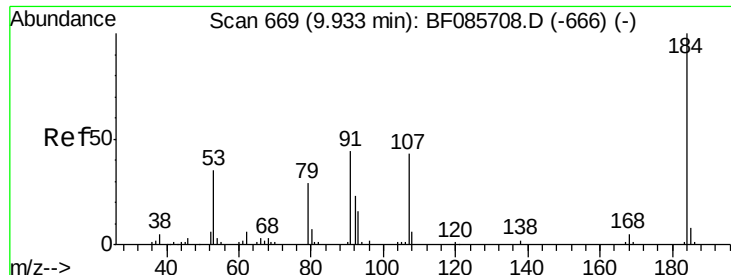


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

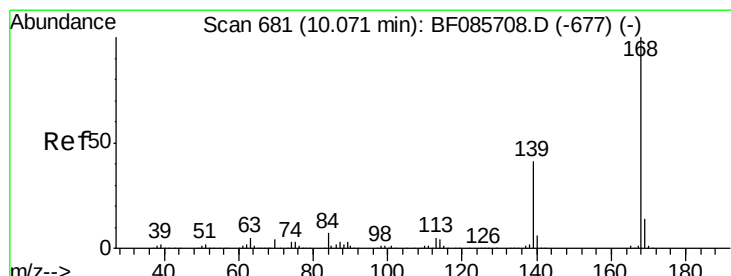
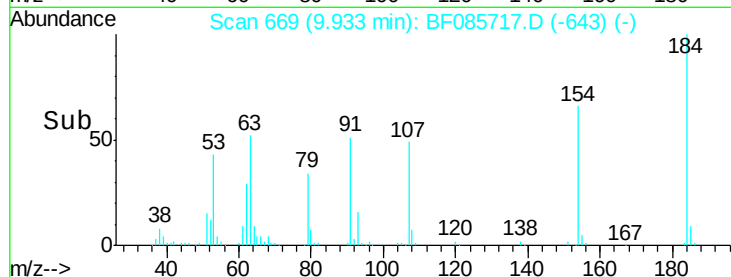
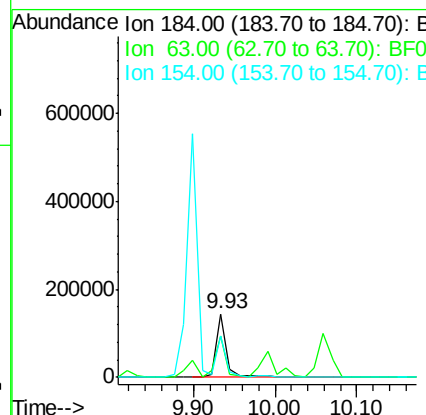
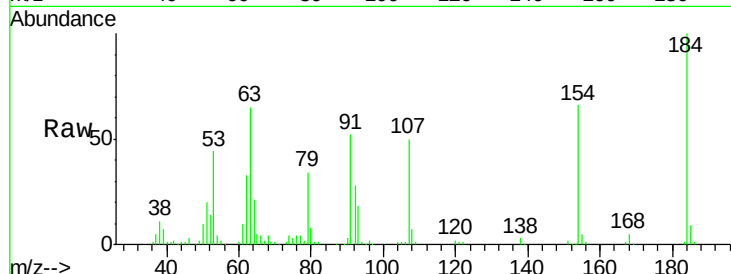




#53
 2,4-Dinitrophenol
 Concen: 77.24 ng
 RT: 9.93 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

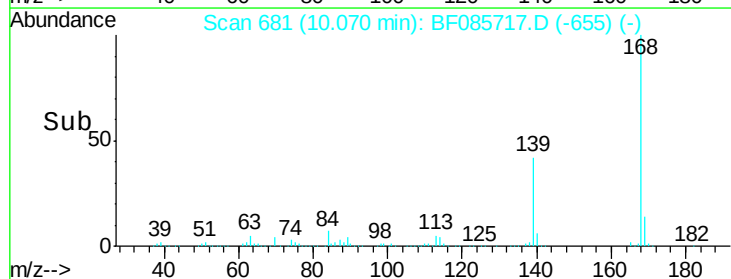
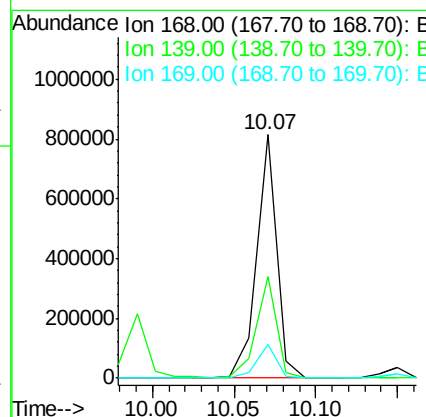
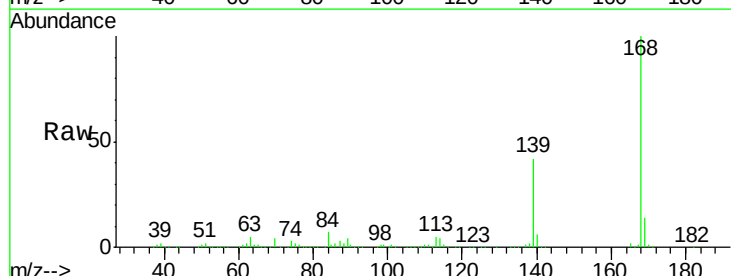
Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

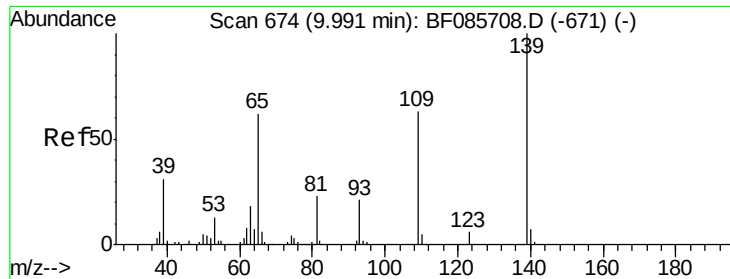
Tgt Ion:184 Resp: 128895
 Ion Ratio Lower Upper
 184 100
 63 65.2 69.5 104.3#
 154 65.9 58.3 87.5



#54
 Dibenzofuran
 Concen: 42.80 ng
 RT: 10.07 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion:168 Resp: 693969
 Ion Ratio Lower Upper
 168 100
 139 41.6 31.9 47.9
 169 13.7 11.0 16.6

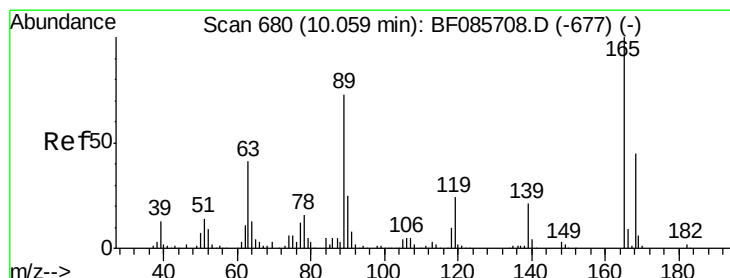
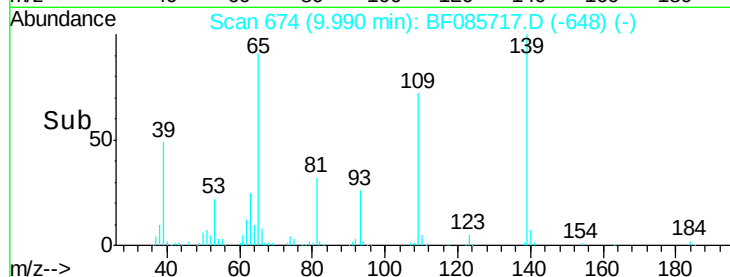
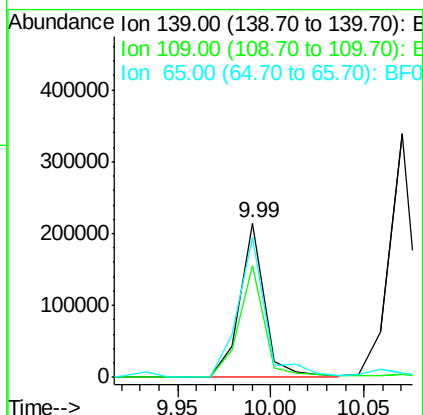
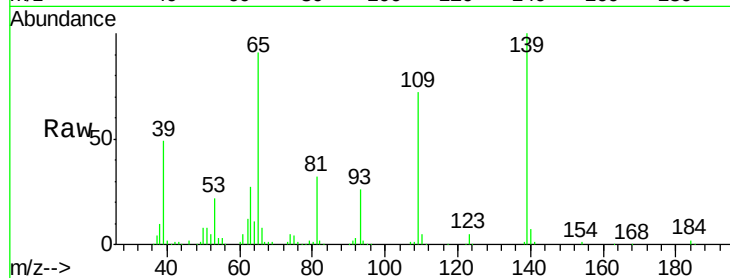




#55
4-Nitrophenol
Concen: 81.85 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

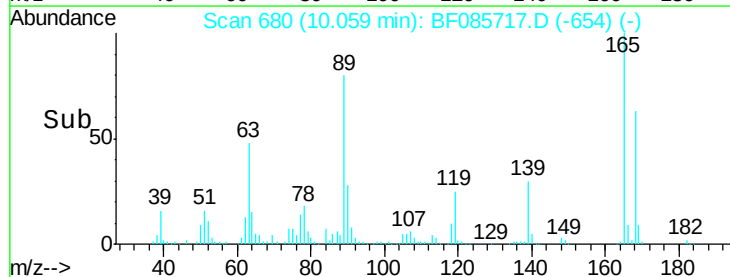
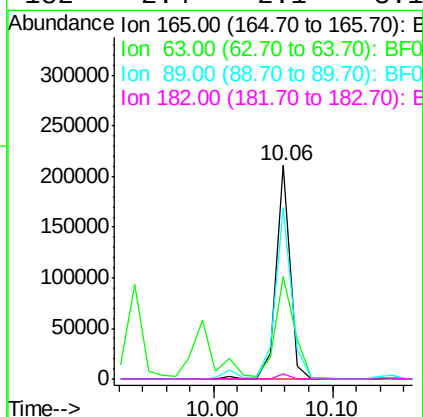
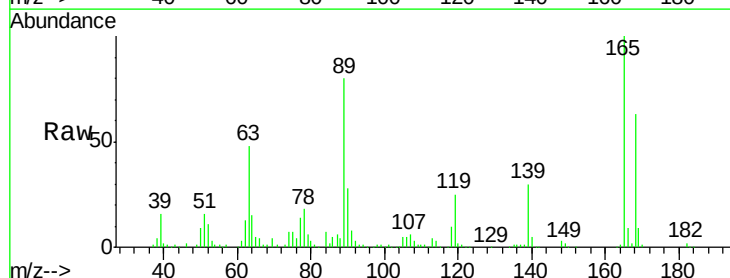
Instrument :
BNA_F
ClientSampleId :
PB88875BS

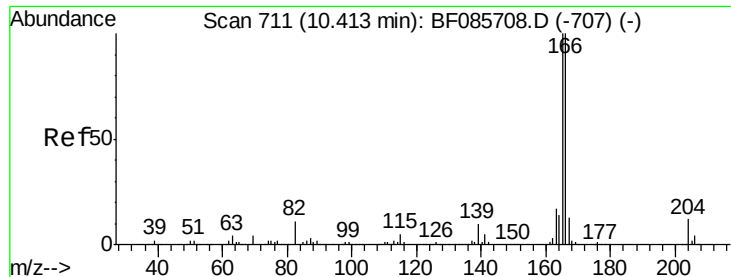
Tgt Ion:139 Resp: 202181
Ion Ratio Lower Upper
139 100
109 72.5 49.2 89.2
65 91.1 66.9 106.9



#56
2,4-Dinitrotoluene
Concen: 41.22 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion:165 Resp: 173562
Ion Ratio Lower Upper
165 100
63 47.7 24.9 37.3#
89 80.2 41.0 61.6#
182 2.4 2.1 3.1

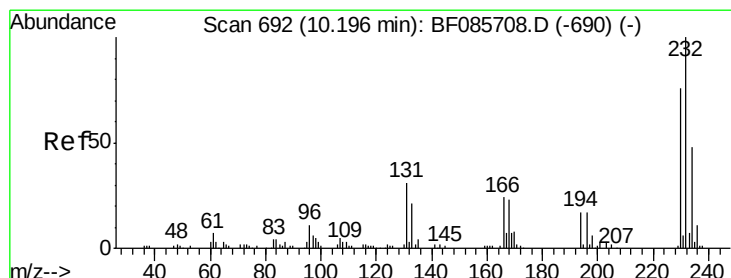
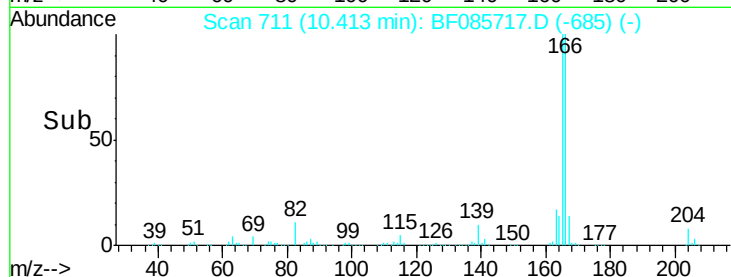
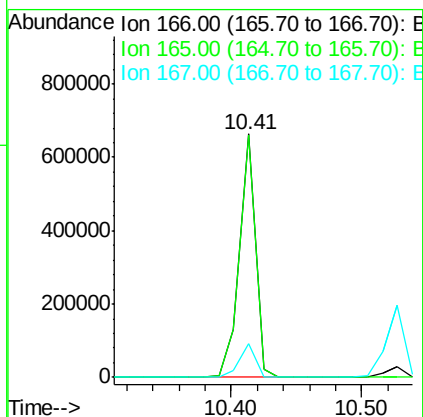
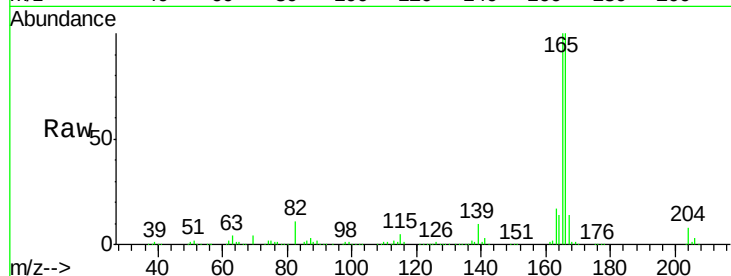




#57
 Fluorene
 Concen: 41.85 ng
 RT: 10.41 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

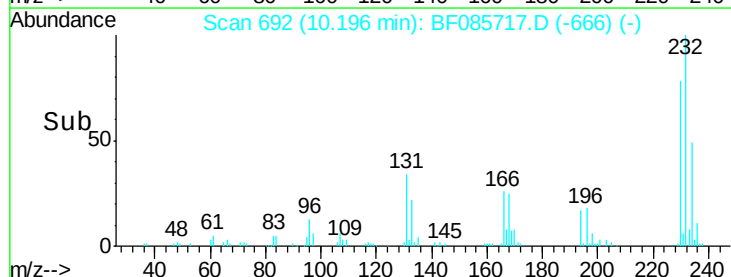
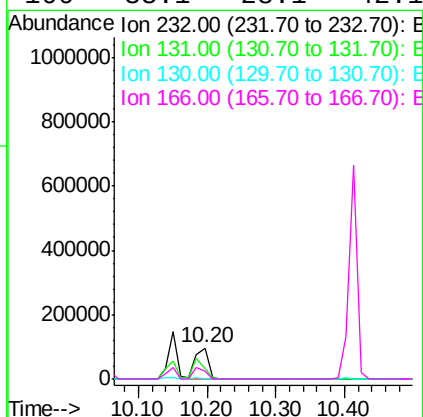
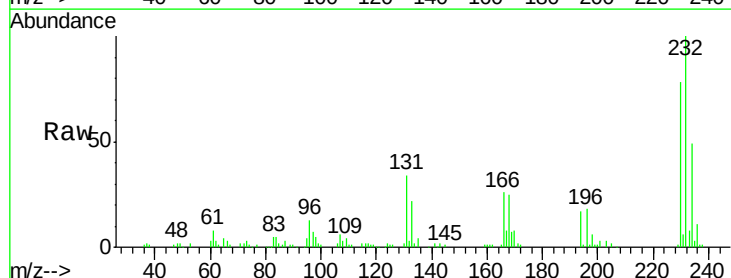
Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

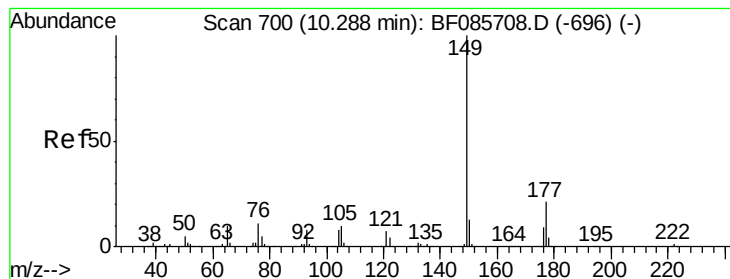
Tgt Ion:166 Resp: 564082
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.4 119.0
 167 13.7 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.35 ng
 RT: 10.20 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion:232 Resp: 128371
 Ion Ratio Lower Upper
 232 100
 131 54.9 44.9 67.3
 130 2.6 2.3 3.5
 166 33.1 28.1 42.1





#59

Diethylphthalate

Concen: 37.45 ng

RT: 10.29 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

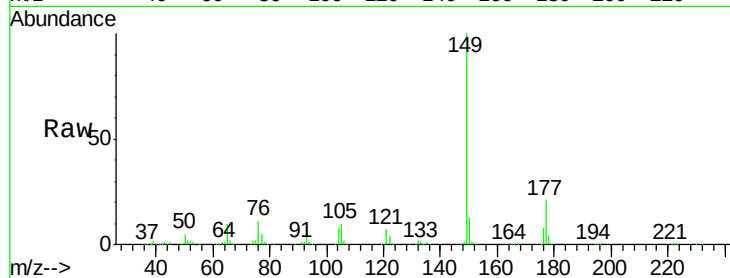
Tgt Ion:149 Resp: 569334

Ion Ratio Lower Upper

149 100

177 20.7 17.9 26.9

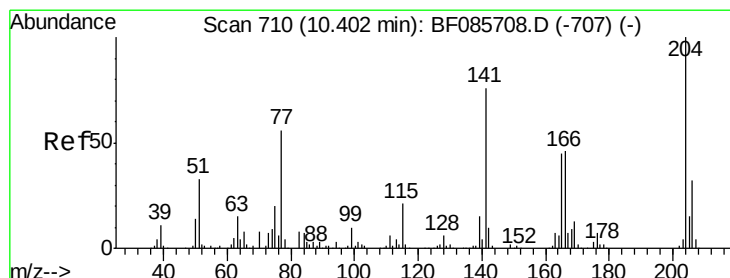
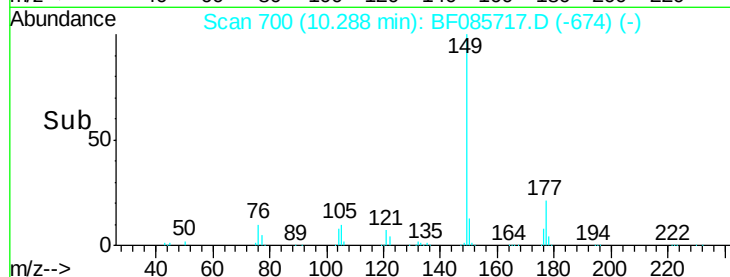
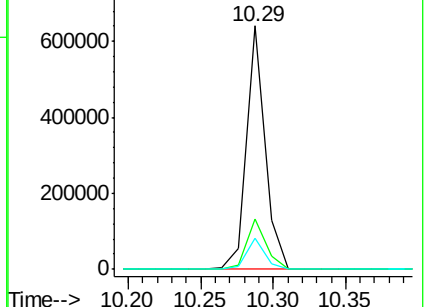
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.40 ng

RT: 10.40 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

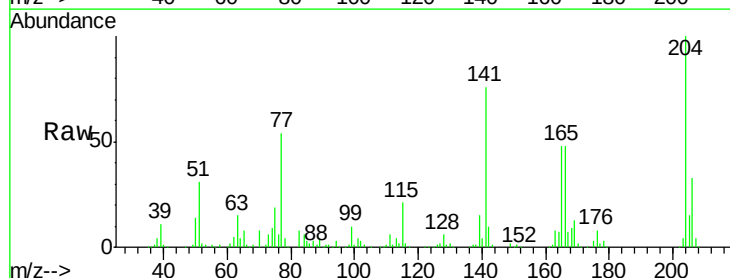
Tgt Ion:204 Resp: 233259

Ion Ratio Lower Upper

204 100

206 33.2 26.6 39.8

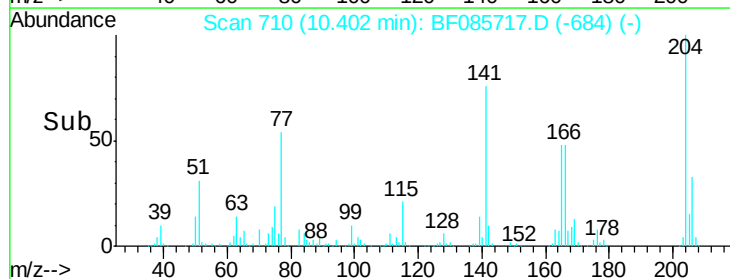
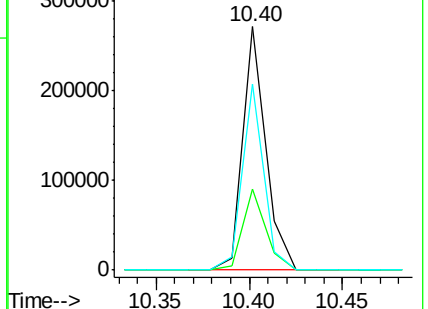
141 76.3 57.4 86.0

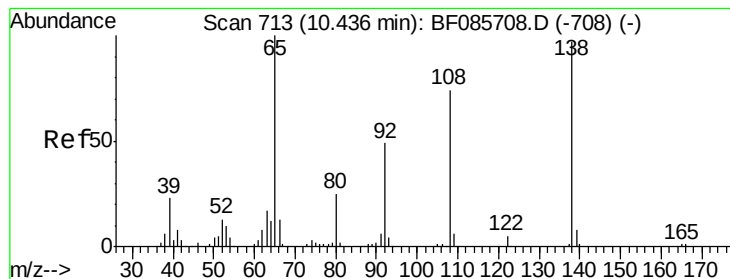


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.40 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

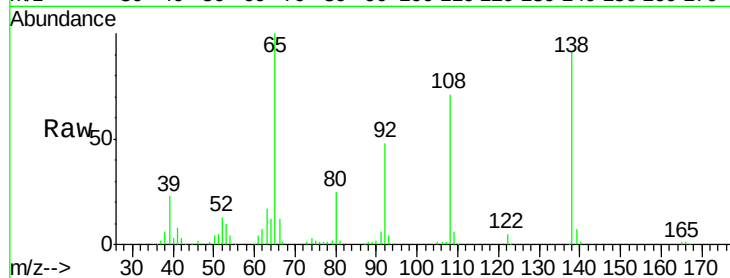
Tgt Ion:138 Resp: 139252

Ion Ratio Lower Upper

138 100

92 52.6 26.4 66.4

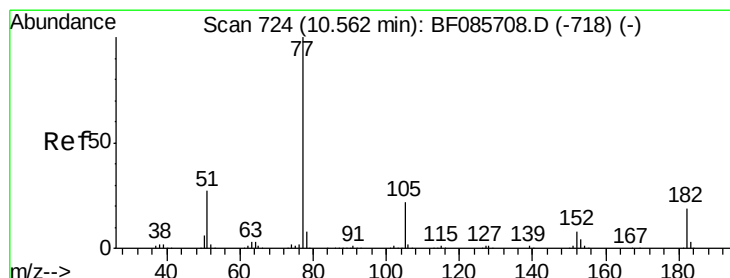
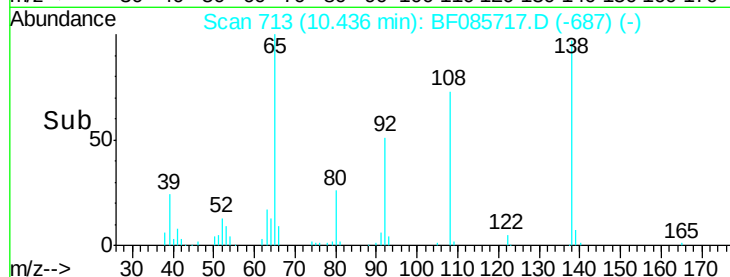
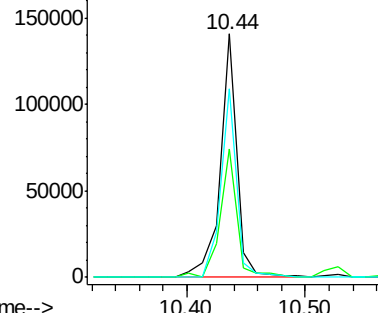
108 77.4 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.46 ng

RT: 10.56 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Tgt Ion: 77 Resp: 620428

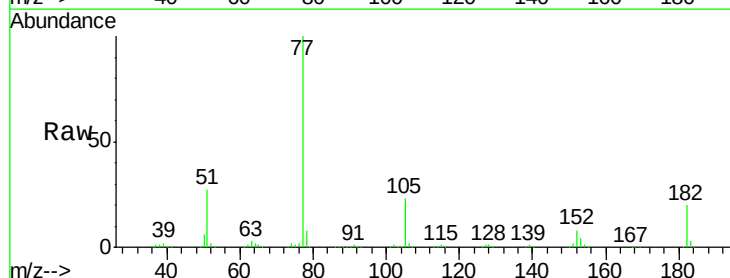
Ion Ratio Lower Upper

77 100

182 19.8 1.9 41.9

105 23.2 3.5 43.5

51 27.1 6.3 46.3

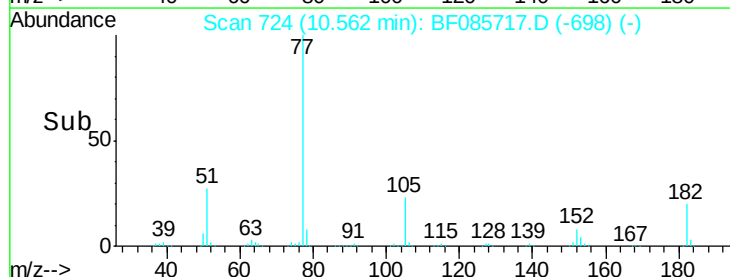
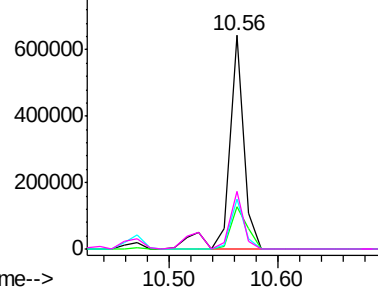


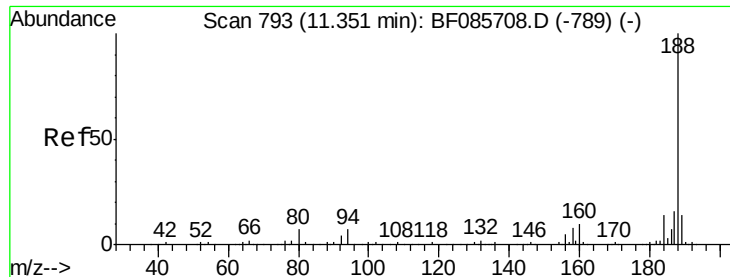
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

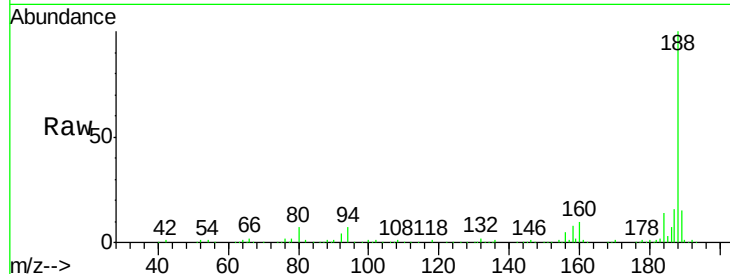




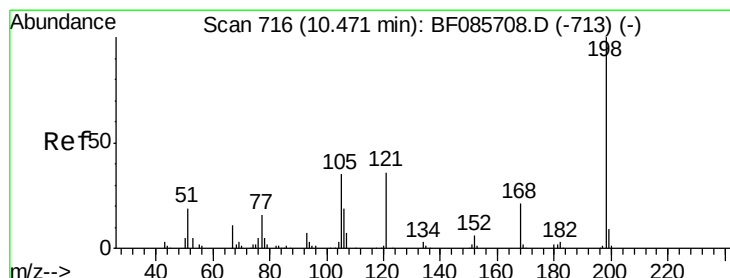
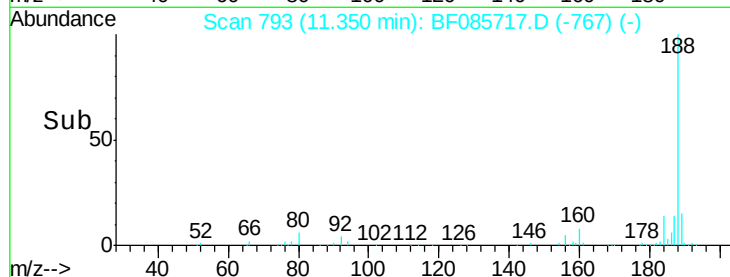
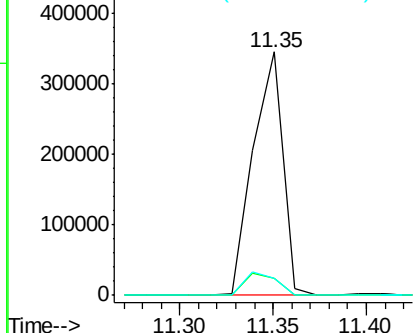
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion:188 Resp: 387000
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 6.9 5.5 8.3

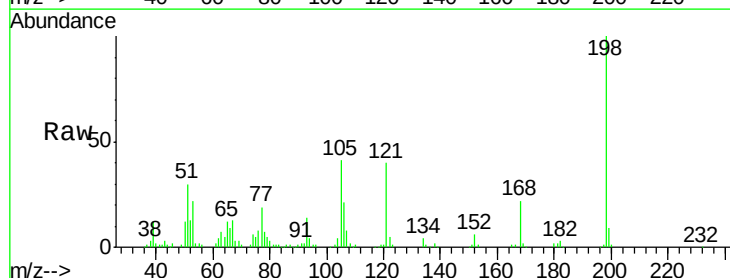


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

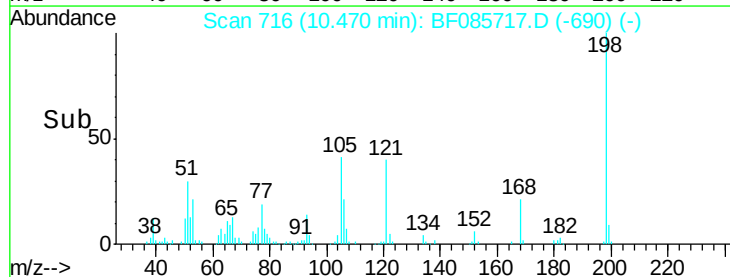
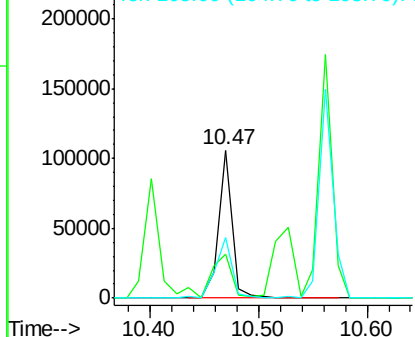


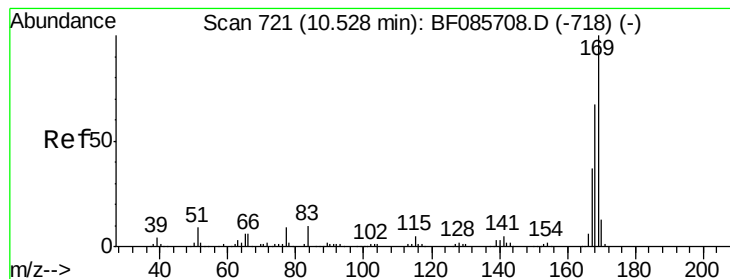
#64
4,6-Dinitro-2-methylphenol
Concen: 40.93 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion:198 Resp: 92764
Ion Ratio Lower Upper
198 100
51 29.8 45.4 85.4#
105 41.4 45.9 85.9#



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





#65

n-Nitrosodiphenylamine

Concen: 41.36 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

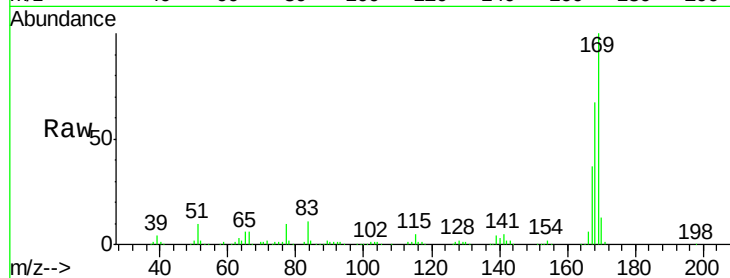
Tgt Ion:169 Resp: 506964

Ion Ratio Lower Upper

169 100

168 66.9 54.4 81.6

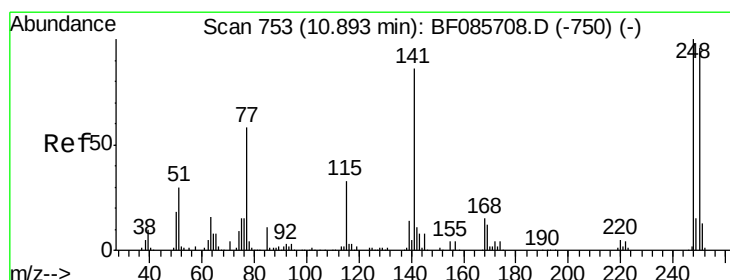
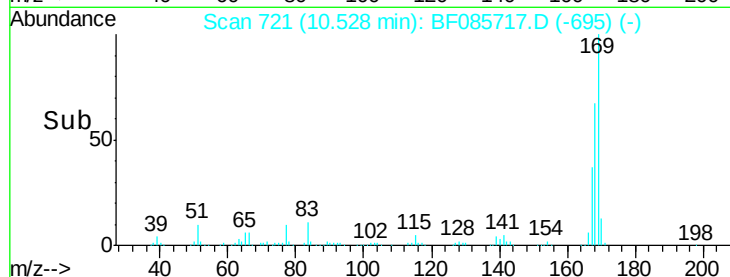
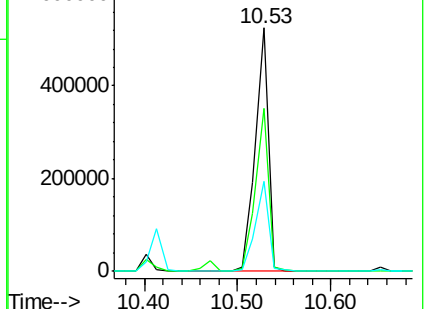
167 37.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.28 ng

RT: 10.89 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

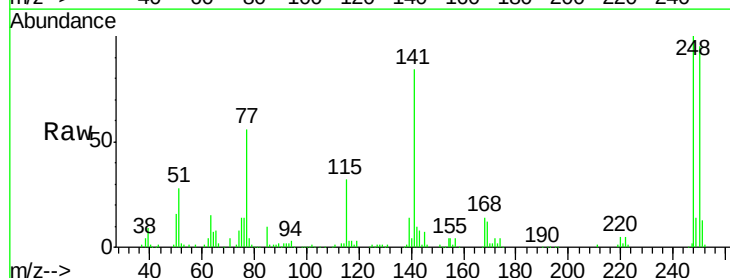
Tgt Ion:248 Resp: 159489

Ion Ratio Lower Upper

248 100

250 95.5 77.4 116.0

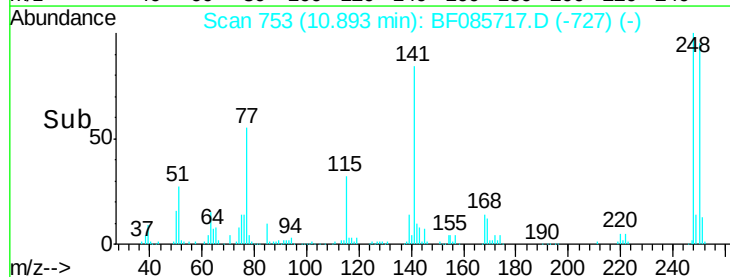
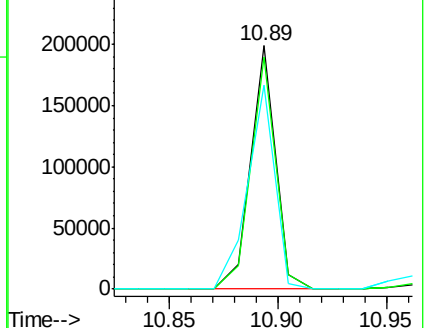
141 83.9 63.6 95.4

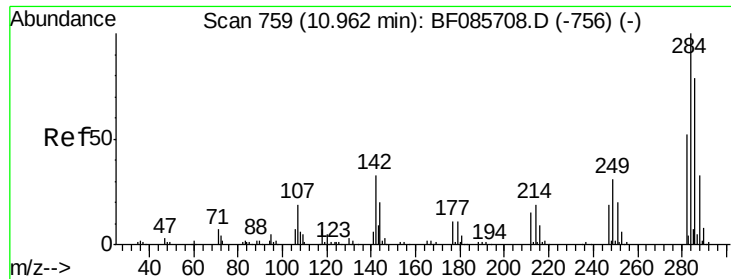


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.64 ng

RT: 10.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

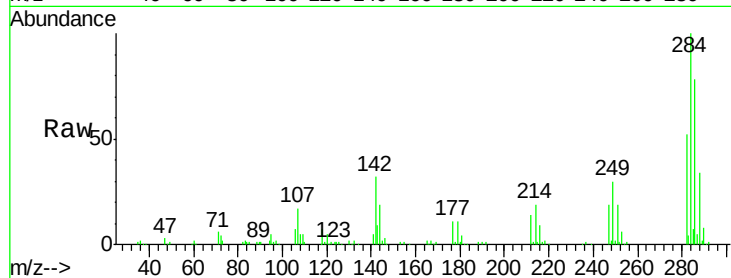
Tgt Ion:284 Resp: 172421

Ion Ratio Lower Upper

284 100

142 31.7 23.1 34.7

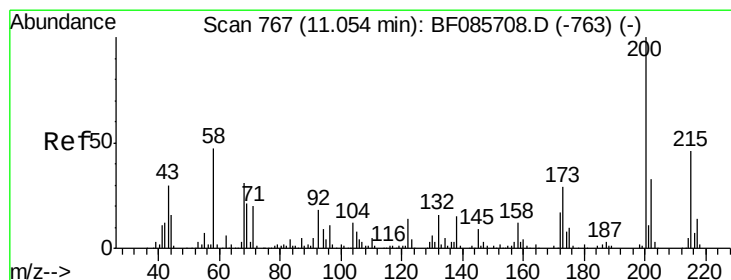
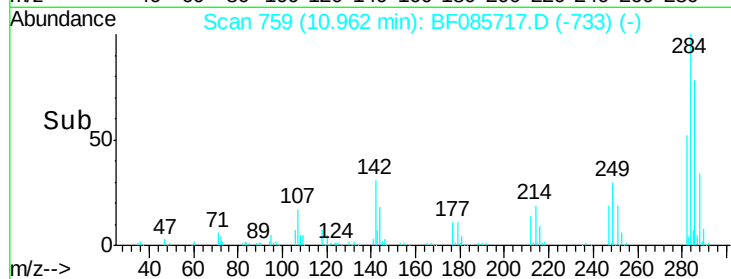
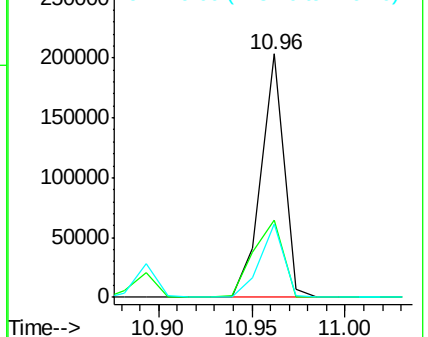
249 30.3 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.06 ng

RT: 11.05 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

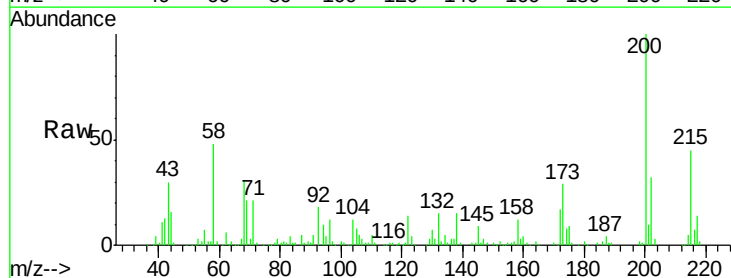
Tgt Ion:200 Resp: 157492

Ion Ratio Lower Upper

200 100

173 29.3 7.7 47.7

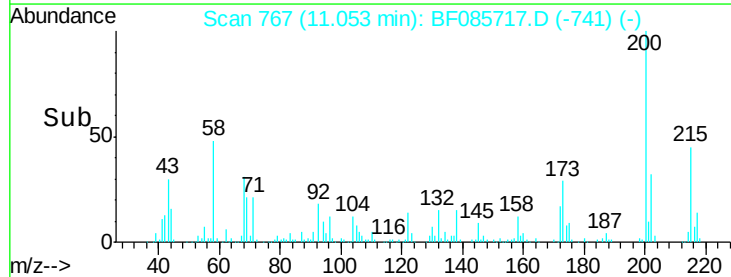
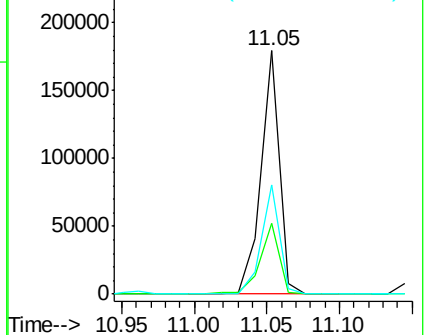
215 44.8 25.4 65.4

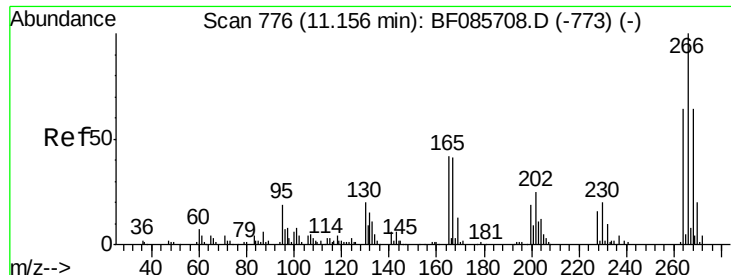


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

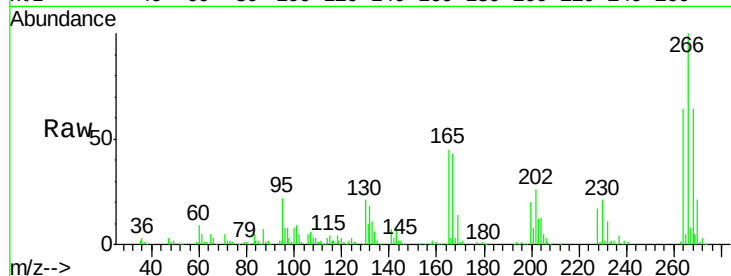




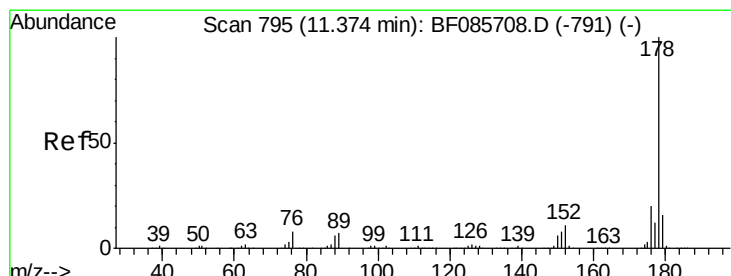
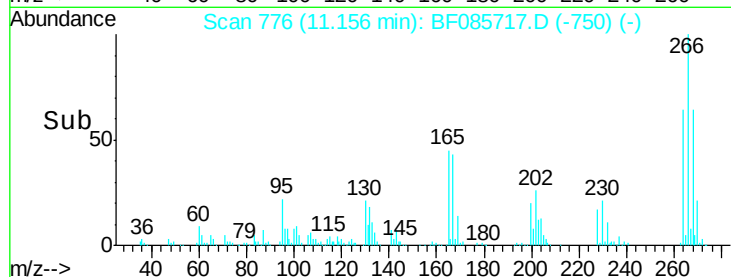
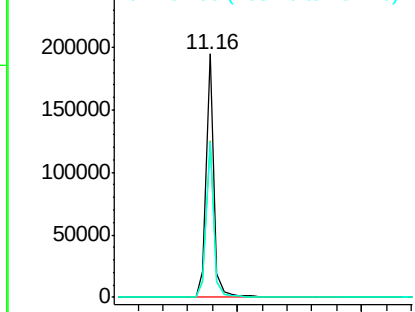
#69
 Pentachlorophenol
 Concen: 84.25 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

Tgt Ion: 266 Resp: 171266
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.5 77.3
 264 63.8 50.6 76.0

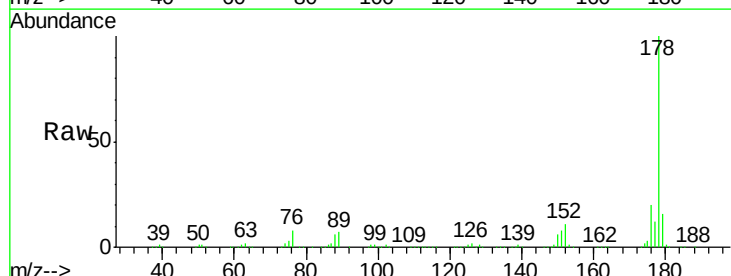


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

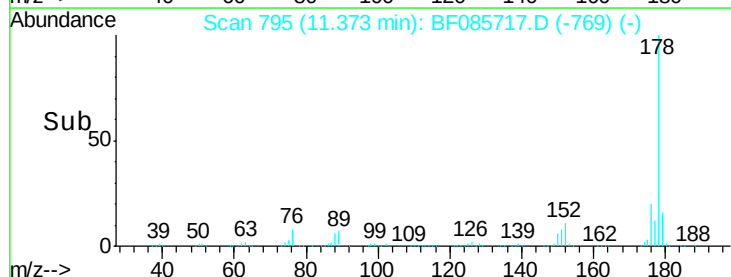
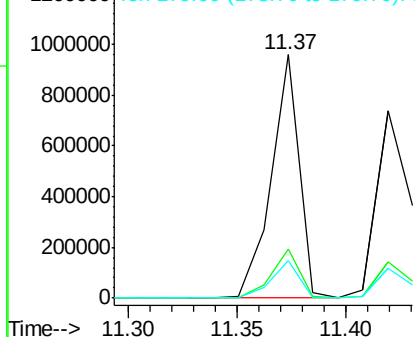


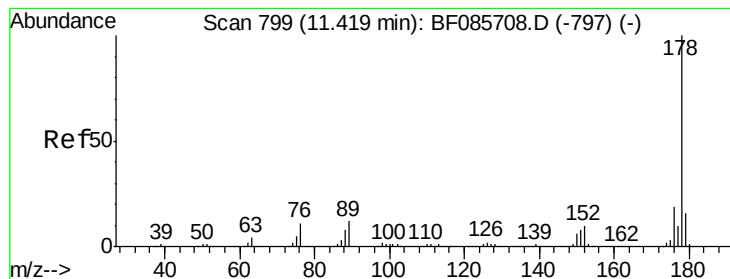
#70
 Phenanthrene
 Concen: 43.37 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion: 178 Resp: 861735
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.3 24.5
 179 15.6 12.6 18.8



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





#71

Anthracene

Concen: 37.78 ng

RT: 11.42 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

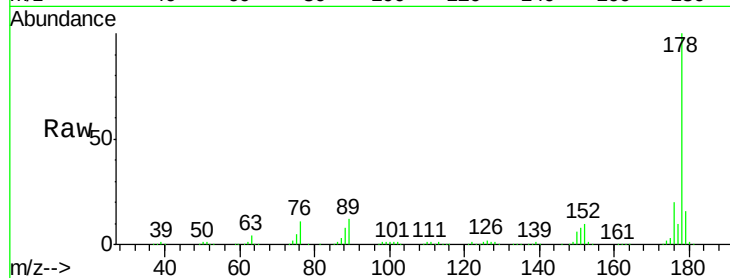
Tgt Ion:178 Resp: 788065

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

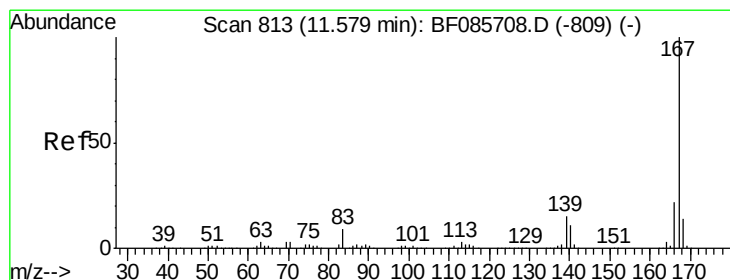
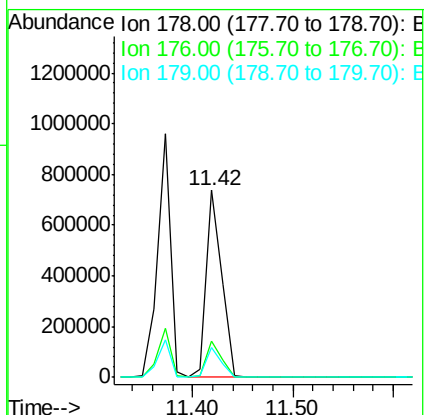
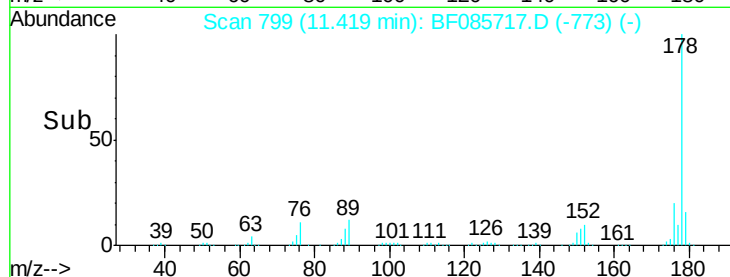
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.67 ng

RT: 11.58 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

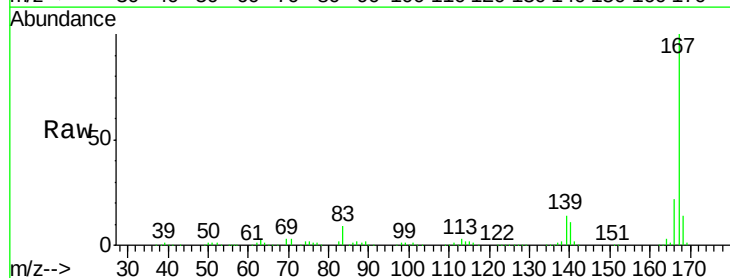
Tgt Ion:167 Resp: 747374

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.8

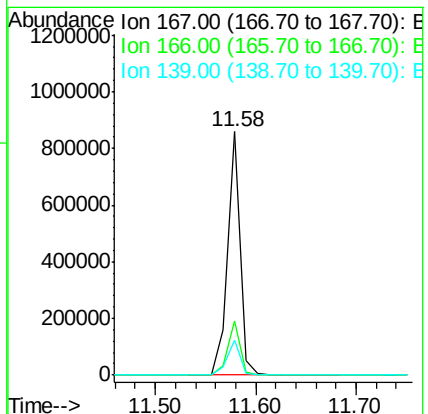
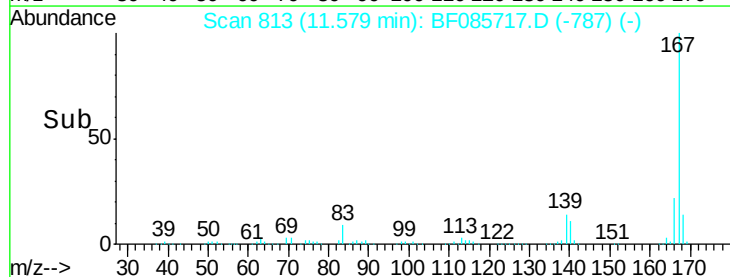
139 14.5 11.6 17.4

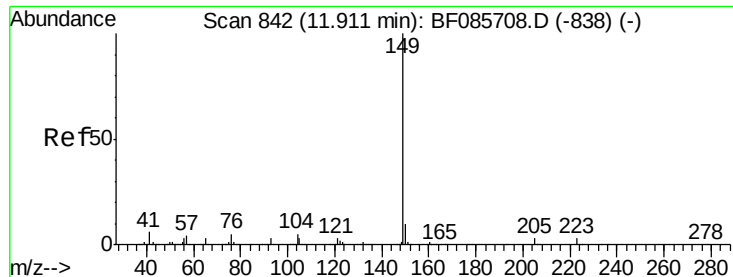


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.69 ng

RT: 11.91 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB8875BS

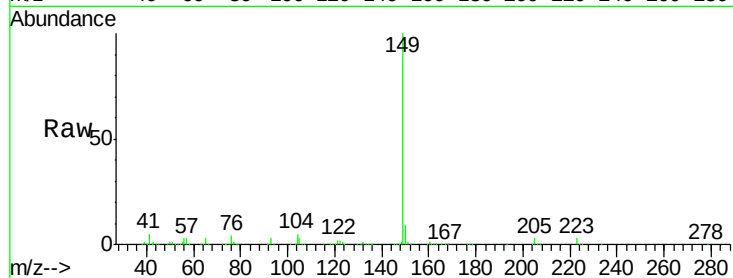
Tgt Ion:149 Resp: 977848

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

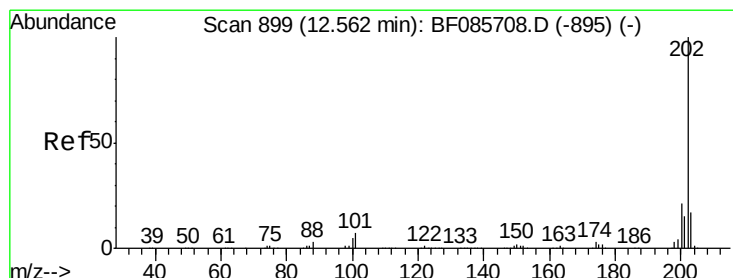
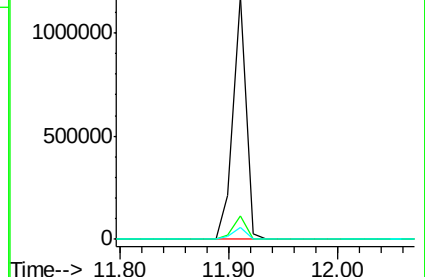
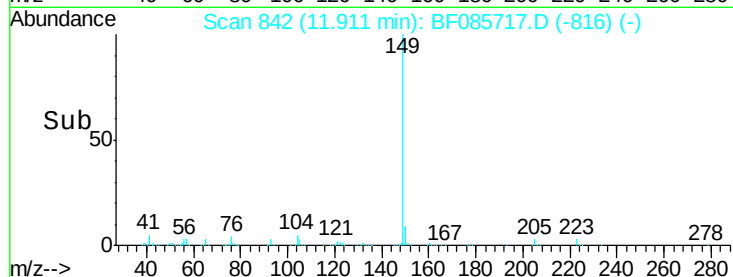
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.52 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

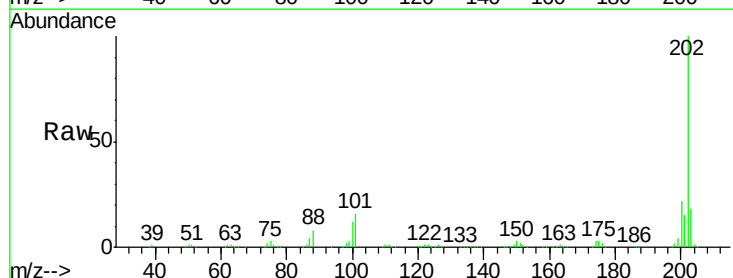
Tgt Ion:202 Resp: 813594

Ion Ratio Lower Upper

202 100

101 16.3 0.0 36.6

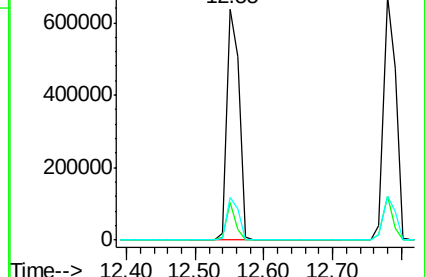
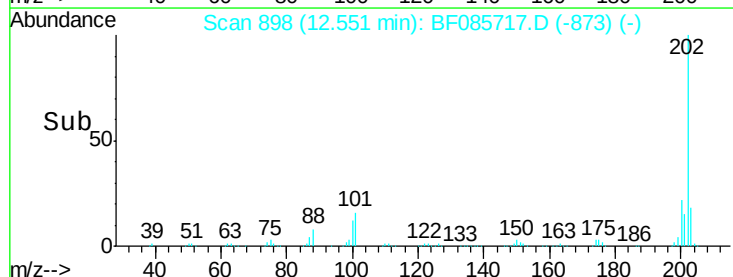
203 18.2 0.0 38.1

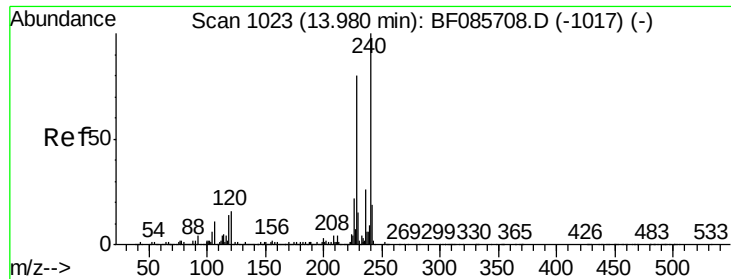


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

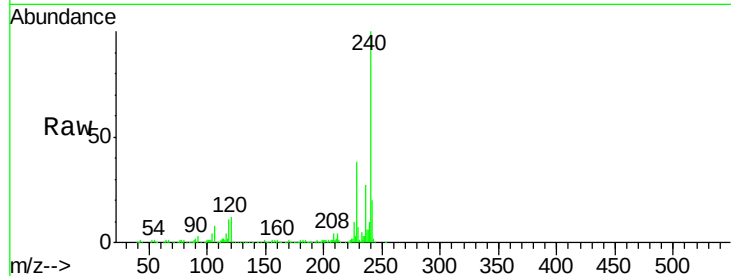
Tgt Ion:240 Resp: 278532

Ion Ratio Lower Upper

240 100

120 12.5 13.8 20.8#

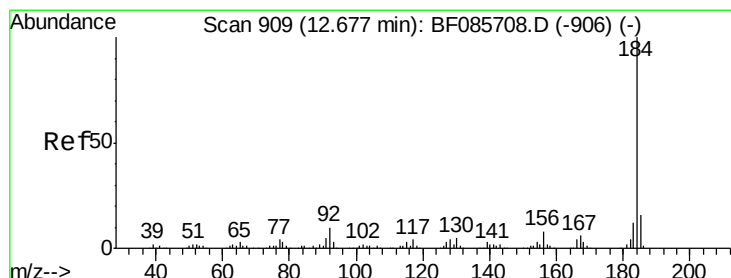
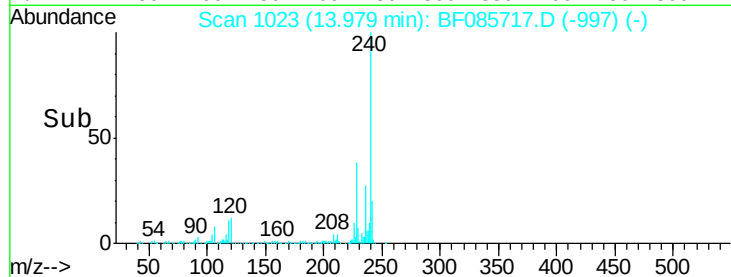
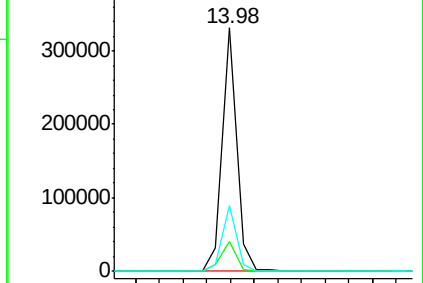
236 26.8 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.12 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

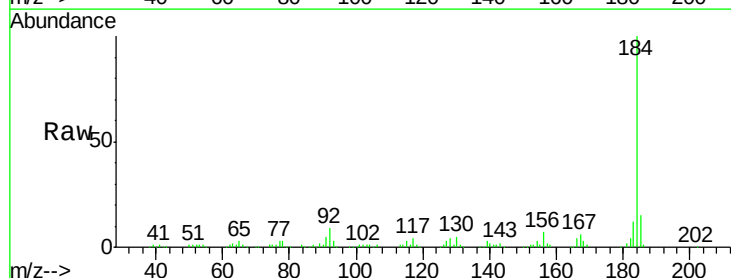
Tgt Ion:184 Resp: 246389

Ion Ratio Lower Upper

184 100

185 15.2 12.4 18.6

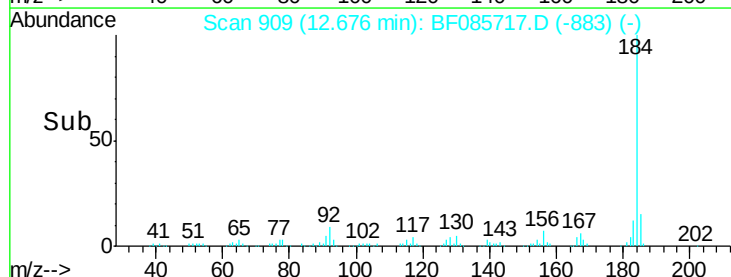
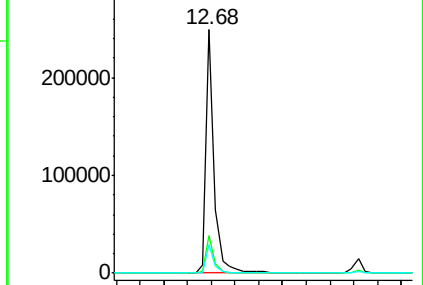
183 11.5 9.4 14.2

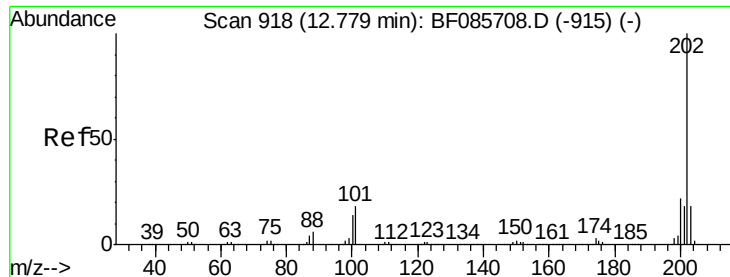


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.90 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS

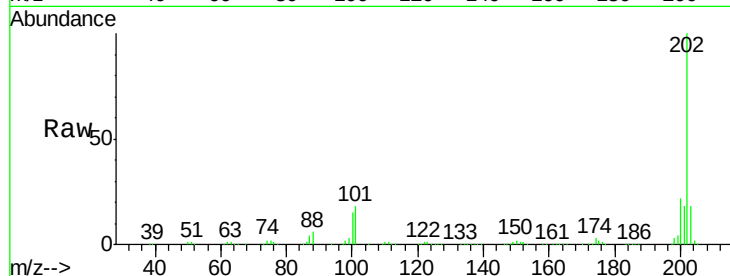
Tgt Ion:202 Resp: 822020

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

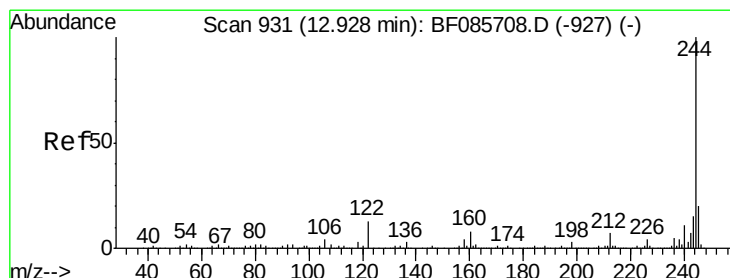
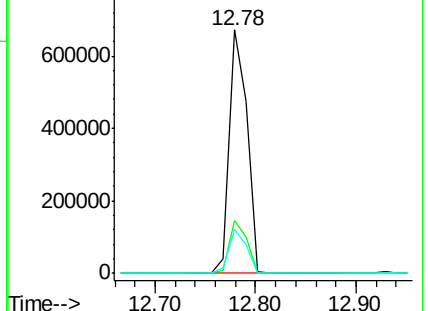
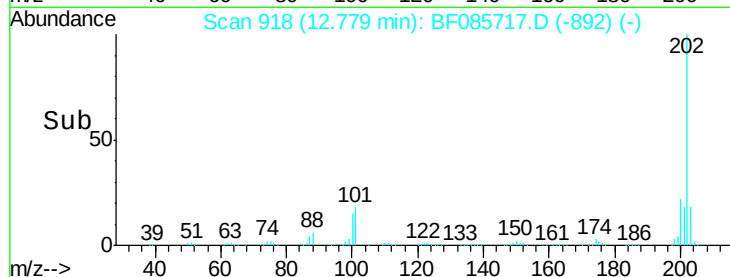
203 18.2 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.16 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

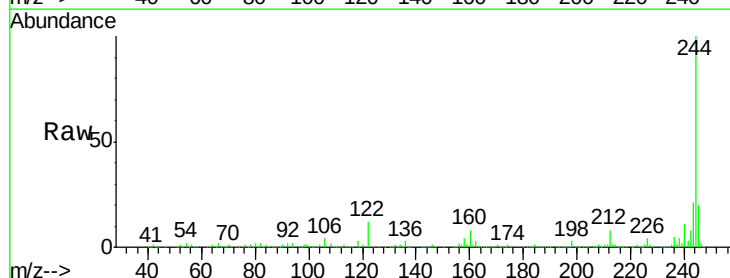
Tgt Ion:244 Resp: 923169

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

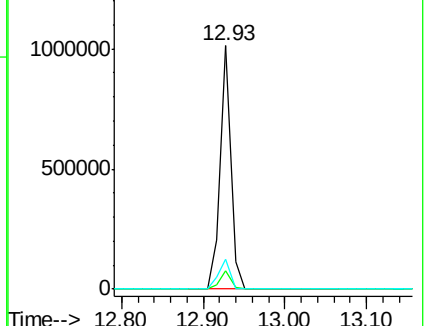
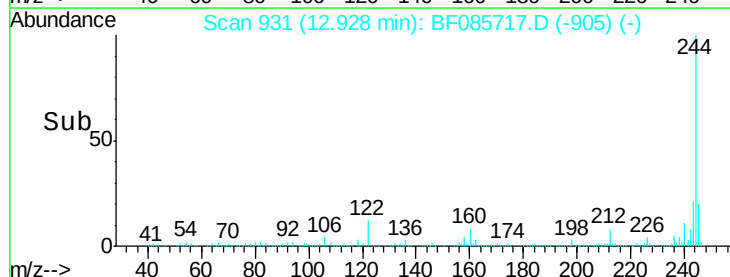
122 12.3 10.2 15.4

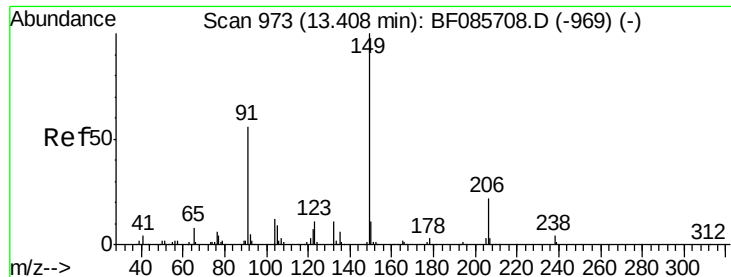


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

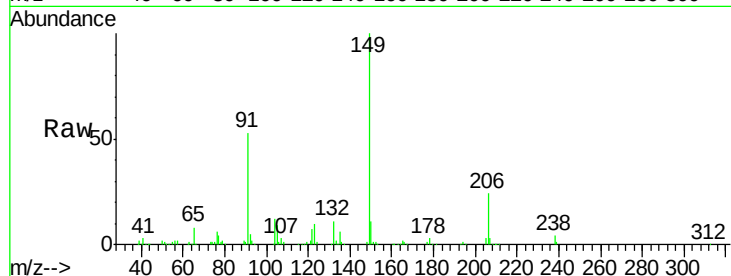




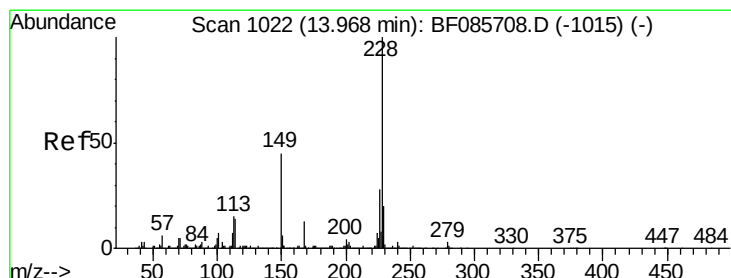
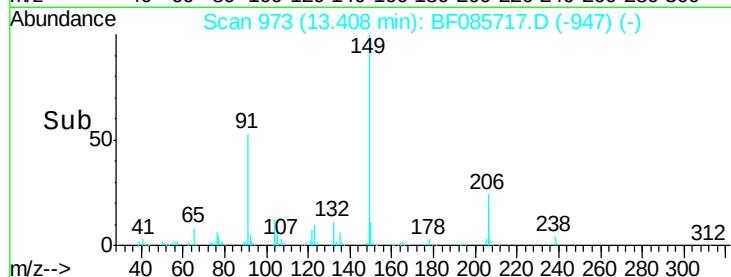
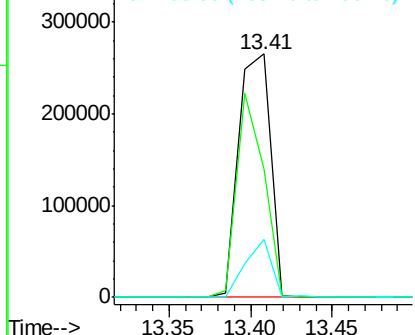
#79
Butylbenzylphthalate
Concen: 37.40 ng
RT: 13.41 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB88875BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	52.8	45.8	68.8
206	23.6	17.8	26.8

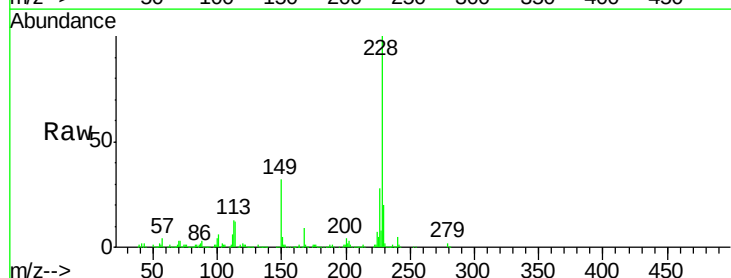


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

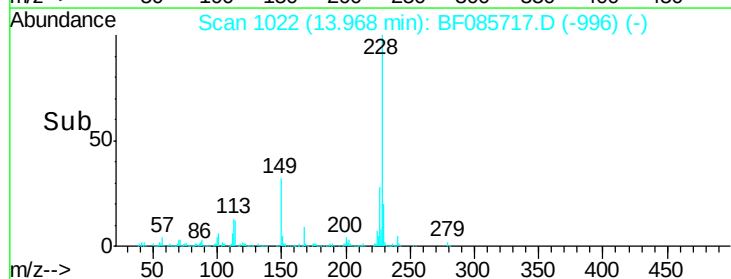
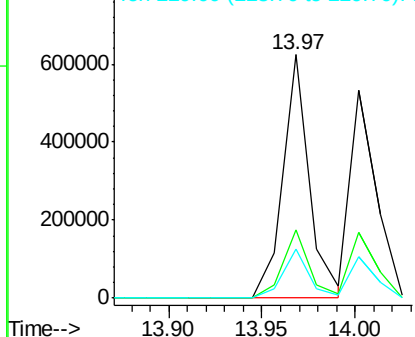


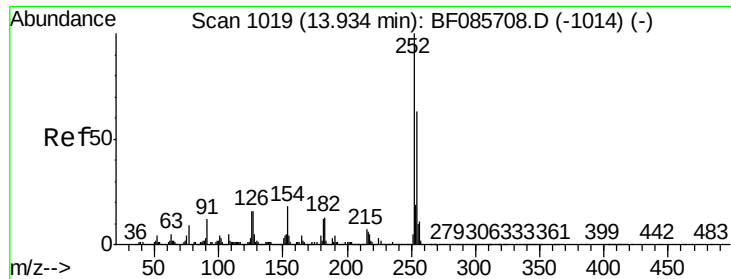
#80
Benzo(a)anthracene
Concen: 38.73 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.1	16.2	24.4



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

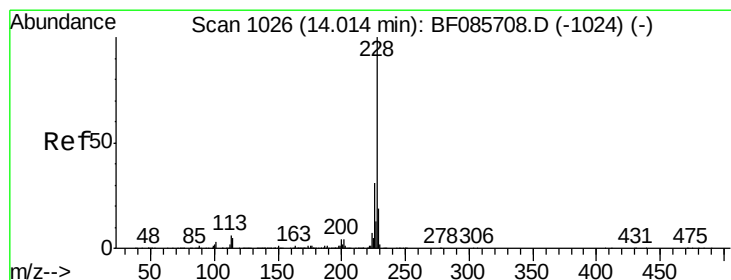
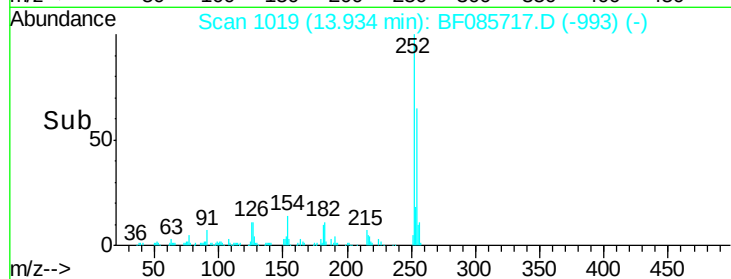
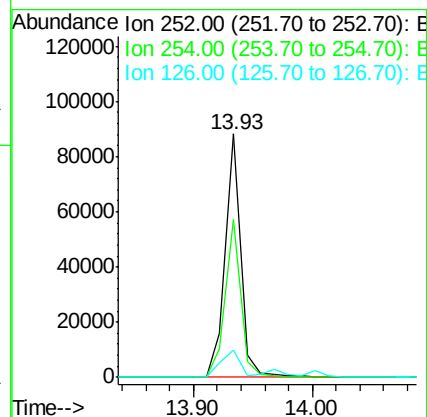
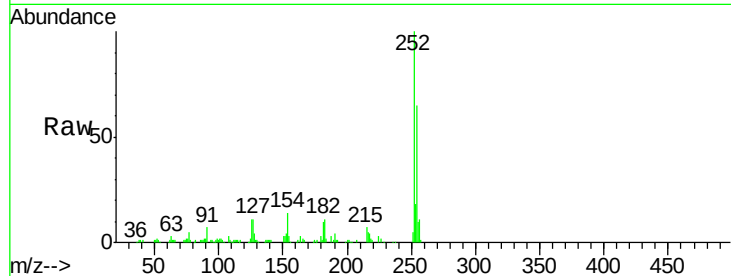




#81
 3,3'-Dichlorobenzidine
 Concen: 7.24 ng
 RT: 13.93 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

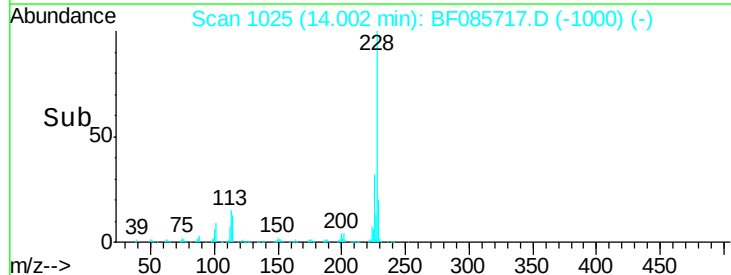
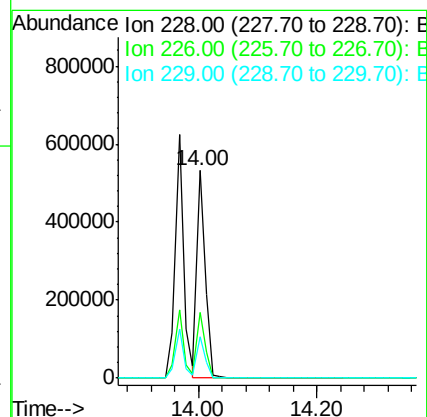
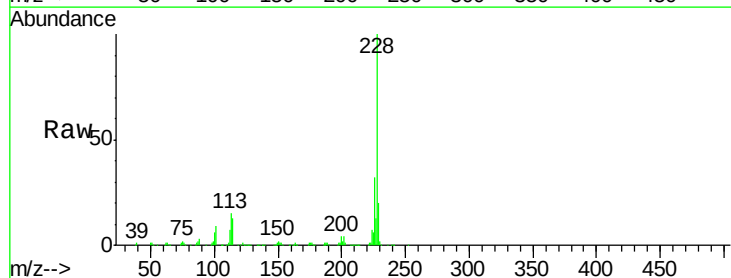
Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

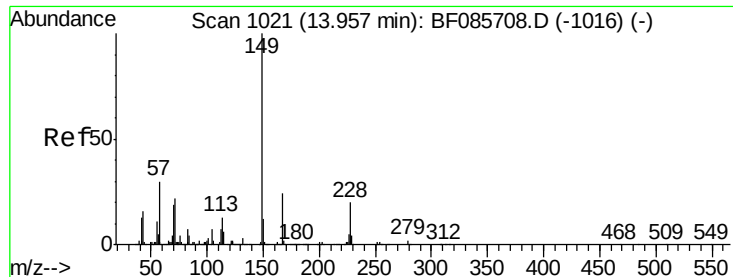
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.7	76.1
126	11.1	11.8	17.6



#82
 Chrysene
 Concen: 33.10 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	19.8	15.7	23.5

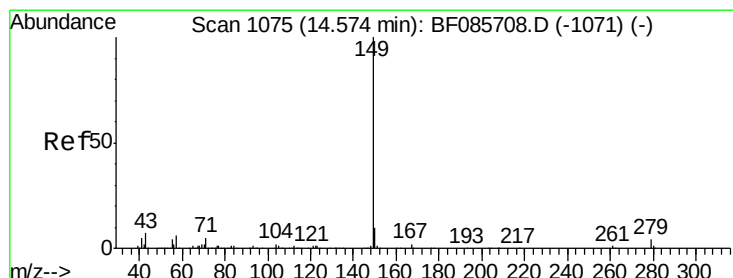
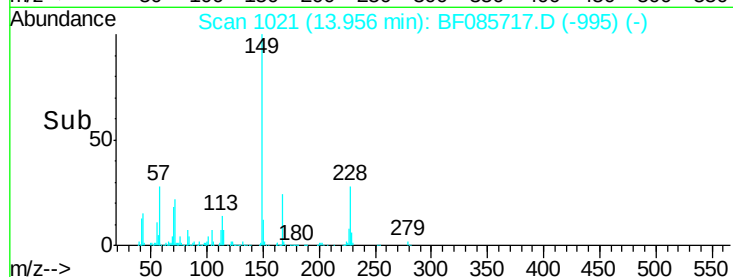
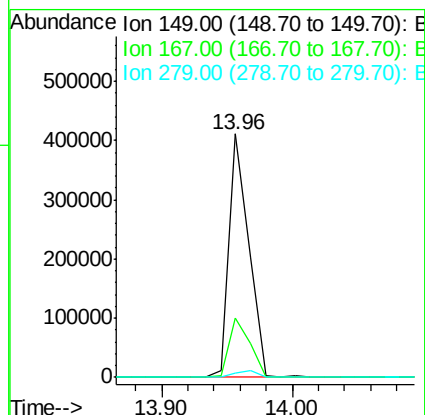
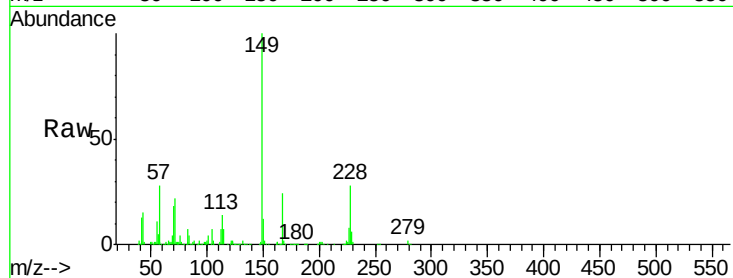




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.66 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

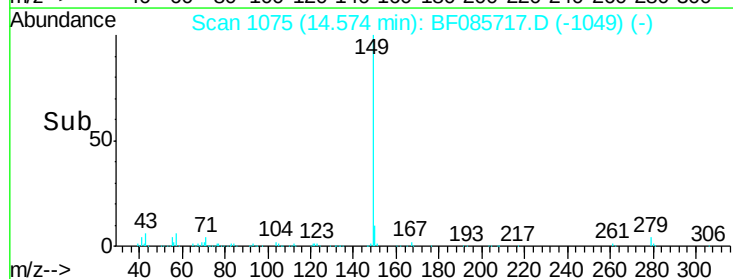
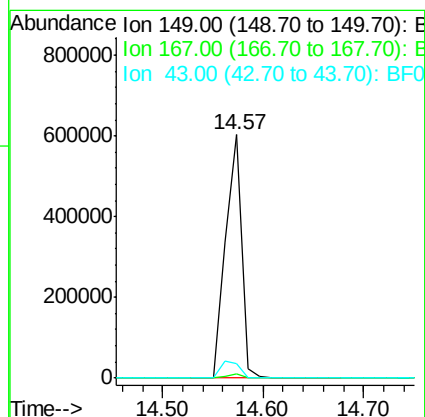
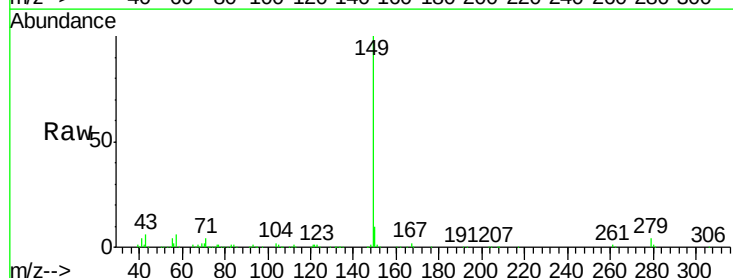
Instrument :
 BNA_F
 ClientSampleId :
 PB88875BS

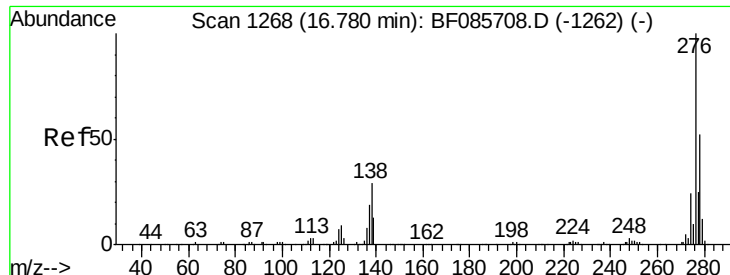
Tgt Ion:149 Resp: 432304
 Ion Ratio Lower Upper
 149 100
 167 24.2 19.4 29.2
 279 1.8 1.5 2.3



#84
 Di-n-octyl phthalate
 Concen: 39.14 ng
 RT: 14.57 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion:149 Resp: 668233
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 7.1 10.7

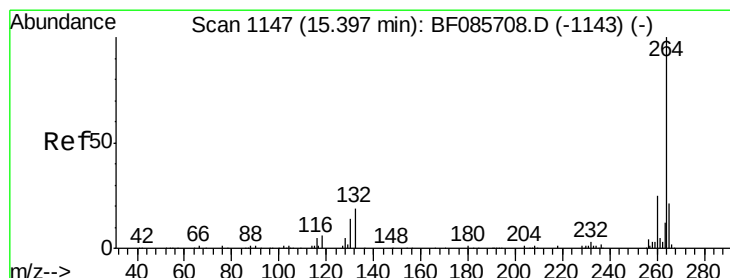
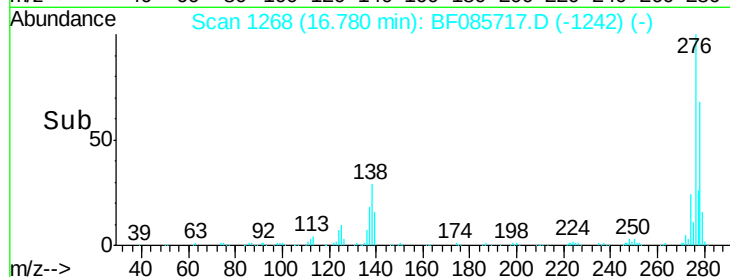
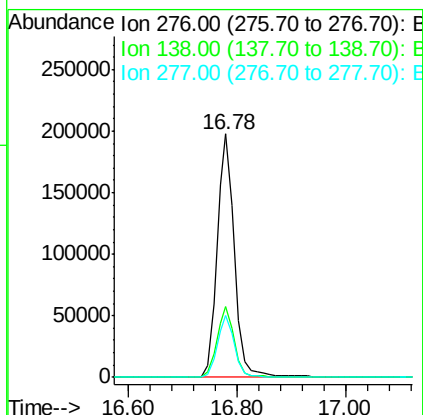
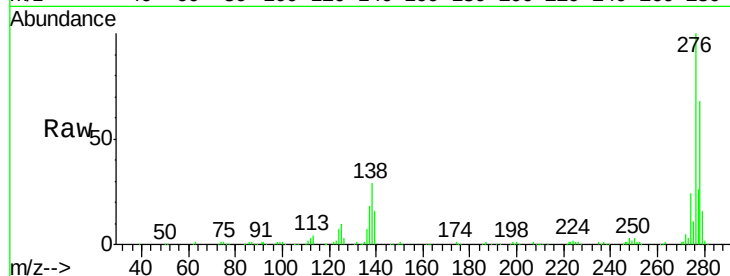




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.04 ng
 RT: 16.78 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

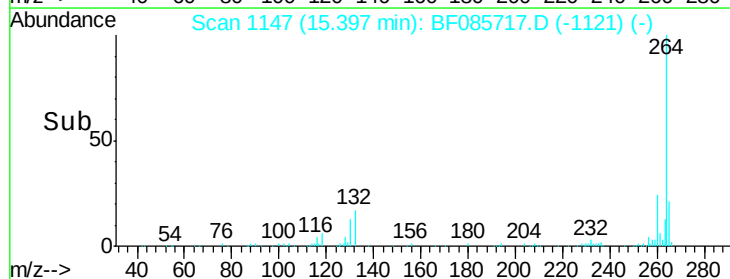
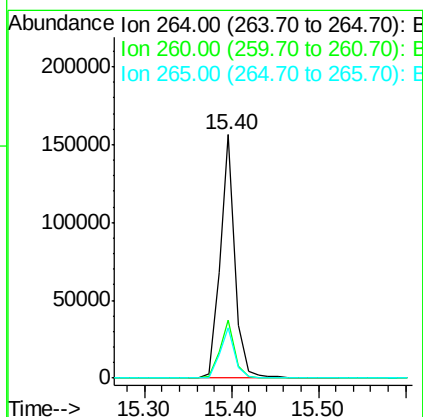
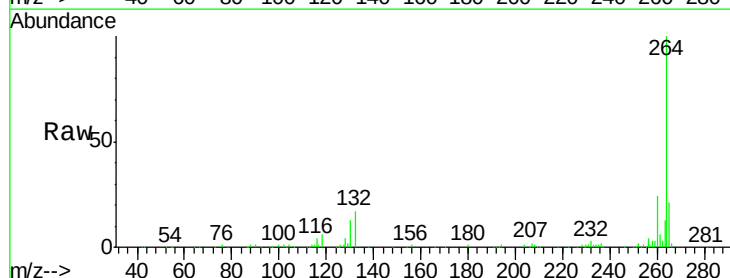
Instrument :
 BNA_F
 ClientSampled :
 PB88875BS

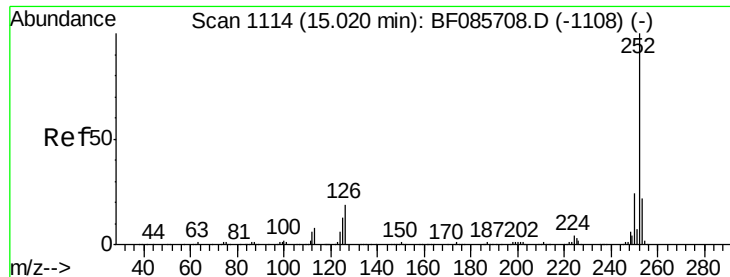
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	24.2	36.4
277	25.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085717.D
 Acq: 24 Mar 2016 16:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	20.9	17.2	25.8

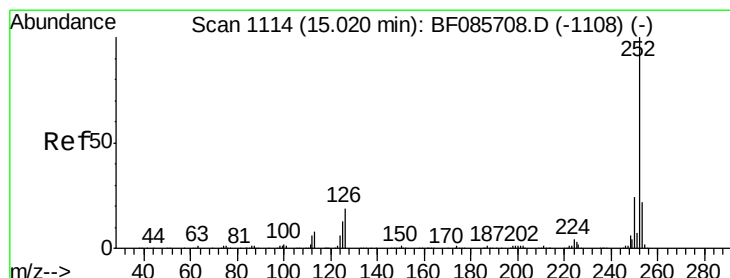
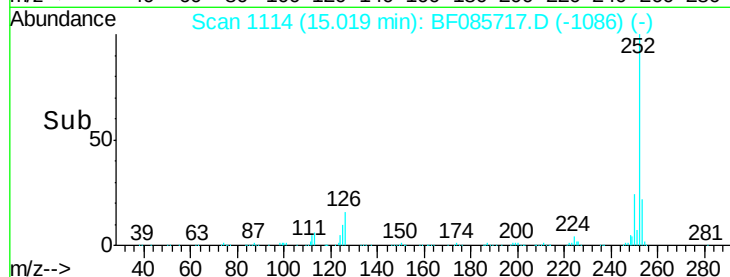
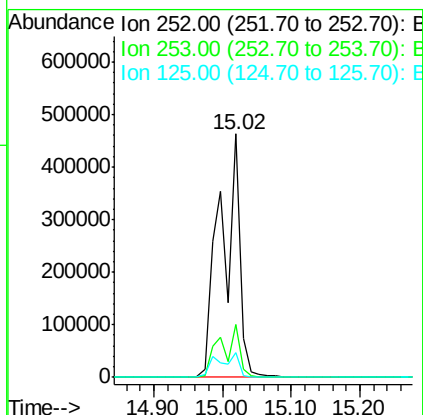
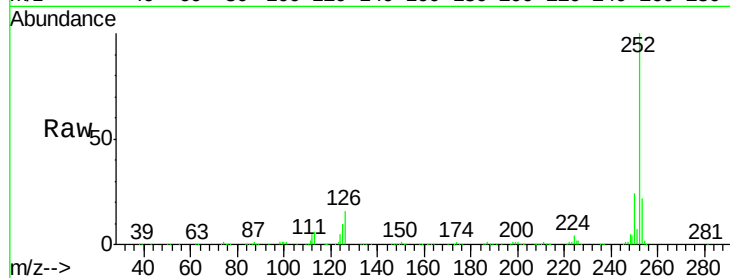




#87
Benzo(b)fluoranthene
Concen: 78.43 ng
RT: 15.02 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

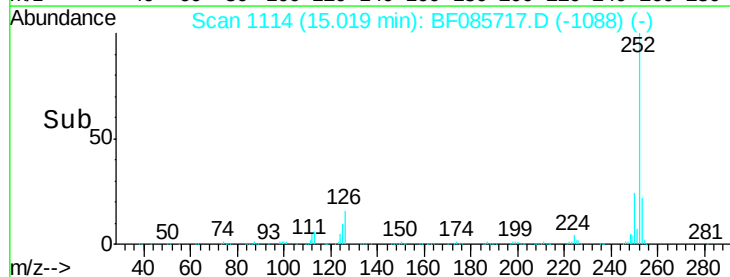
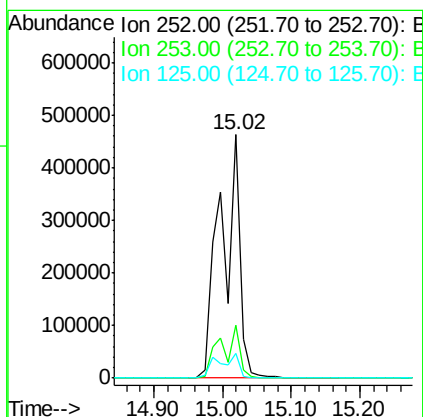
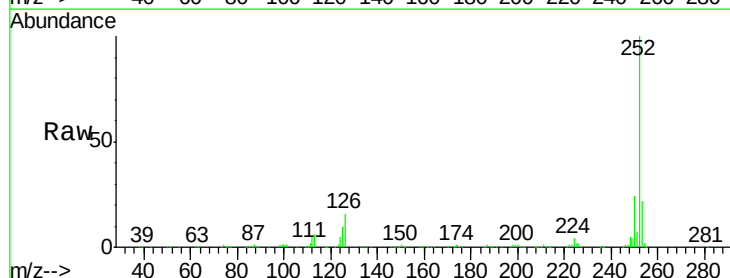
Instrument :
BNA_F
ClientSampleId :
PB88875BS

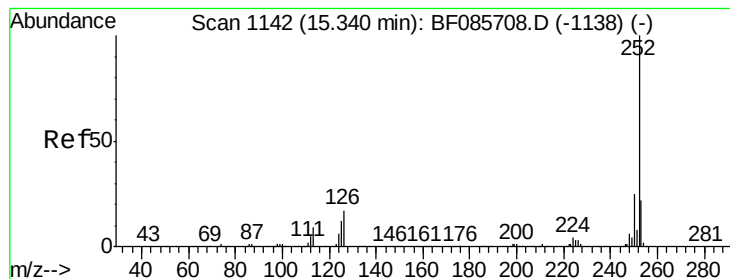
Tgt Ion:252 Resp: 918327
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.4 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 87.00 ng
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF085717.D
Acq: 24 Mar 2016 16:28

Tgt Ion:252 Resp: 918327
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.4 7.7 11.5





#89

Benzo(a)pyrene

Concen: 41.13 ng

RT: 15.34 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB8875BS

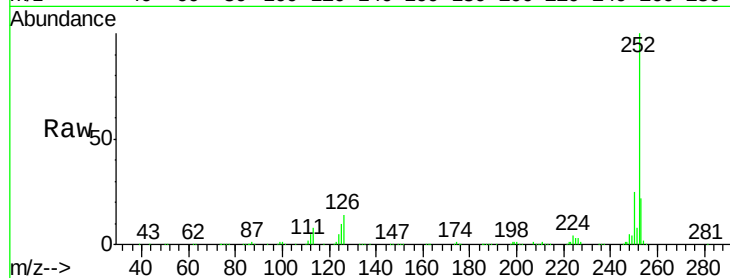
Tgt Ion:252 Resp: 427647

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

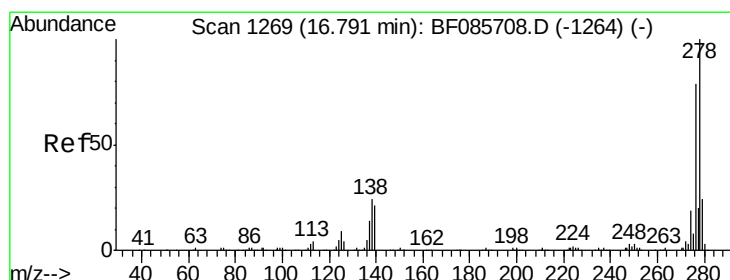
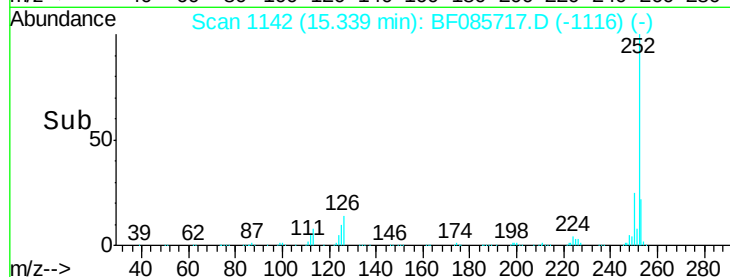
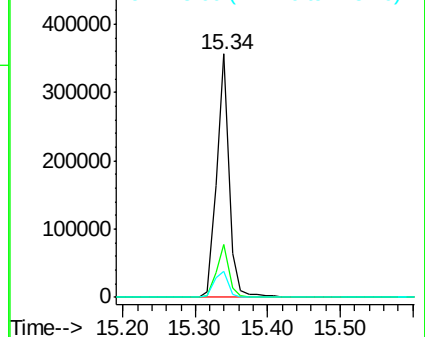
125 10.4 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.50 ng

RT: 16.79 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF085717.D

Acq: 24 Mar 2016 16:28

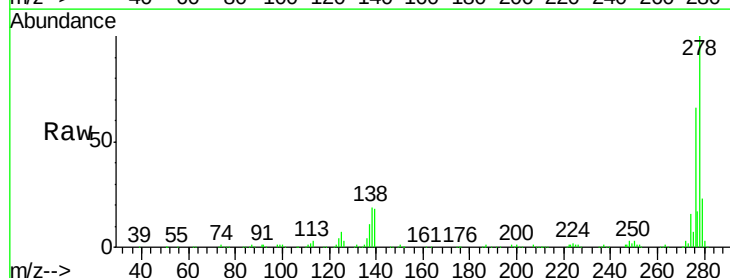
Tgt Ion:278 Resp: 371923

Ion Ratio Lower Upper

278 100

139 18.0 14.4 21.6

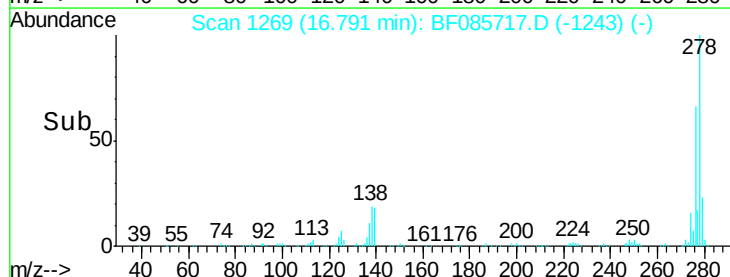
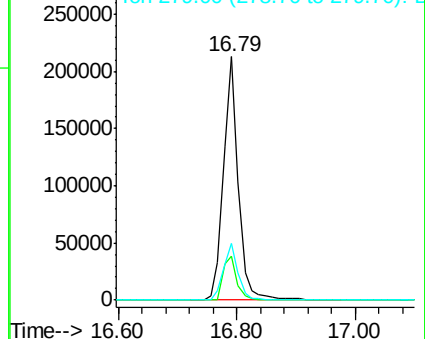
279 23.4 19.1 28.7

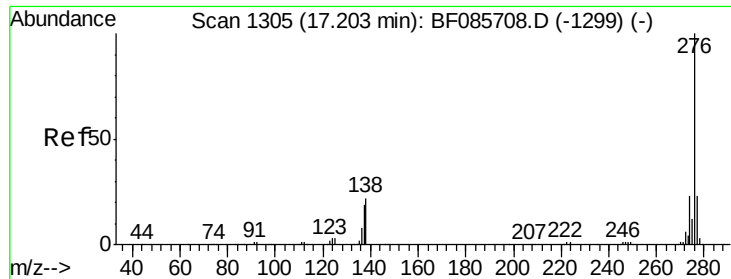


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.89 ng

RT: 17.19 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF085717.D

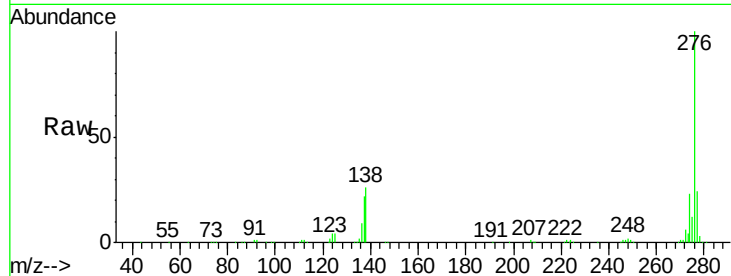
Acq: 24 Mar 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB88875BS



Tgt Ion:	276	Resp:	380407
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	26.0	22.6	34.0

