

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088775.D
 Acq On : 7 Jul 2016 12:45
 Operator : UM/SJ
 Sample : PB91776BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Quant Time: Jul 08 01:35:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	104027	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	414884	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	205440	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	374370	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	271128	20.00	ng	-0.03
86) Perylene-d12	15.27	264	257807	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	710997	102.43	ng	-0.02
7) Phenol-d6	6.39	99	947388	105.63	ng	-0.02
23) Nitrobenzene-d5	7.31	82	673486	85.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	232606	121.93	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	1014251	77.98	ng	-0.03
78) Terphenyl-d14	12.84	244	1025160	84.22	ng	-0.02

Target Compounds						Qvalue
3) Pyridine	3.03	79	287111	28.75	ng	91
4) n-Nitrosodimethylamine	2.99	42	122266	32.05	ng	86
6) Aniline	6.40	93	343489	26.28	ng	# 1
8) 2-Chlorophenol	6.52	128	275252	36.90	ng	93
9) Benzaldehyde	6.28	77	200648	33.03	ng	90
10) Phenol	6.40	94	301996	29.50	ng	# 50
11) bis(2-Chloroethyl)ether	6.49	93	308400	40.40	ng	# 81
12) 1,3-Dichlorobenzene	6.68	146	312045	38.01	ng	96
13) 1,4-Dichlorobenzene	6.76	146	300596	36.89	ng	96
14) 1,2-Dichlorobenzene	6.76	146	300596	39.41	ng	98
15) Benzyl Alcohol	6.89	79	255683	38.73	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	327754	29.65	ng	90
17) 2-Methylphenol	7.00	107	245138	40.28	ng	96
18) Hexachloroethane	7.26	117	123291	39.12	ng	90
19) n-Nitroso-di-n-propylamine	7.16	70	223198	37.05	ng	93
20) 3+4-Methylphenols	7.16	107	296524	40.60	ng	92
22) Acetophenone	7.15	105	428941	42.60	ng	# 89
24) Nitrobenzene	7.32	77	297082	37.22	ng	# 81
25) Isophorone	7.58	82	612244	41.75	ng	97
26) 2-Nitrophenol	7.64	139	154647	47.25	ng	95
27) 2,4-Dimethylphenol	7.69	122	265882	39.00	ng	87
28) bis(2-Chloroethoxy)methane	7.78	93	365397	38.29	ng	# 95
29) 2,4-Dichlorophenol	7.88	162	231774	42.07	ng	96
30) 1,2,4-Trichlorobenzene	7.98	180	258379	42.73	ng	98
31) Naphthalene	8.04	128	804925	39.35	ng	100
32) Benzoic acid	7.84	122	182720	36.91	ng	89
33) 4-Chloroaniline	8.10	127	208291	22.89	ng	95
34) Hexachlorobutadiene	8.17	225	140529	43.41	ng	98
35) Caprolactam	8.48	113	44715	23.90	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	289994	44.51	ng	93
37) 2-Methylnaphthalene	8.74	142	567800	43.11	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	250698	36.69	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	258984	77.22	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	181210	40.22	ng	100

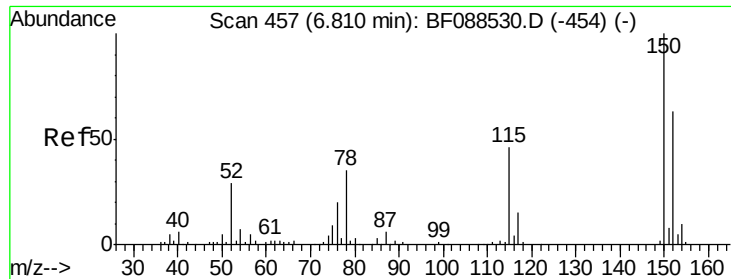
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	169323	43.68	ng	# 87
45) 1,1'-Biphenyl	9.21	154	719675	42.30	ng	97
46) 2-Chloronaphthalene	9.23	162	557037	41.71	ng	97
47) 2-Nitroaniline	9.32	65	163304	34.46	ng	98
48) Acenaphthylene	9.64	152	852239	40.11	ng	99
49) Dimethylphthalate	9.52	163	642524	43.90	ng	100
50) 2,6-Dinitrotoluene	9.58	165	159872	49.28	ng	# 85
51) Acenaphthene	9.82	154	542356	41.64	ng	99
52) 3-Nitroaniline	9.74	138	95546	23.17	ng	90
53) 2,4-Dinitrophenol	9.85	184	167494	116.94	ng	94
54) Dibenzofuran	9.99	168	703274	41.25	ng	# 87
55) 4-Nitrophenol	9.91	139	251624	80.30	ng	94
56) 2,4-Dinitrotoluene	9.98	165	169788	40.03	ng	# 47
57) Fluorene	10.33	166	592537	45.10	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	131560	43.87	ng	# 50
59) Diethylphthalate	10.22	149	620947	42.27	ng	100
60) 4-Chlorophenyl-phenylether	10.32	204	235625	38.60	ng	# 85
61) 4-Nitroaniline	10.35	138	149028	37.56	ng	82
62) Azobenzene	10.48	77	694624	41.46	ng	94
64) 4,6-Dinitro-2-methylphenol	10.39	198	113522	56.69	ng	# 69
65) n-Nitrosodiphenylamine	10.44	169	495122	39.08	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	161009	42.68	ng	# 83
67) Hexachlorobenzene	10.88	284	184847	44.26	ng	# 73
68) Atrazine	10.98	200	178326	45.17	ng	99
69) Pentachlorophenol	11.07	266	227819	92.18	ng	98
70) Phenanthrene	11.29	178	862258	42.13	ng	98
71) Anthracene	11.34	178	850643	41.80	ng	100
72) Carbazole	11.48	167	813505	42.48	ng	99
73) Di-n-butylphthalate	11.83	149	909282	40.82	ng	# 99
74) Fluoranthene	12.47	202	958827	46.22	ng	96
76) Benzidine	12.59	184	556594	40.61	ng	97
77) Pyrene	12.70	202	941072	40.94	ng	99
79) Butylbenzylphthalate	13.33	149	446523	43.55	ng	96
80) Benzo(a)anthracene	13.87	228	751909	43.07	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	150620	22.95	ng	# 94
82) Chrysene	13.92	228	745116	43.14	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	561471	47.96	ng	# 99
84) Di-n-octyl phthalate	14.49	149	942717	47.40	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	638465	48.04	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1400911	86.62	ng	# 97
88) Benzo(k)fluoranthene	14.91	252	1401382	99.54	ng	97
89) Benzo(a)pyrene	15.21	252	656466	47.94	ng	99
90) Dibenzo(a,h)anthracene	16.61	278	528402	46.21	ng	96
91) Benzo(g,h,i)perylene	16.98	276	508401	42.97	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

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PB91776BS

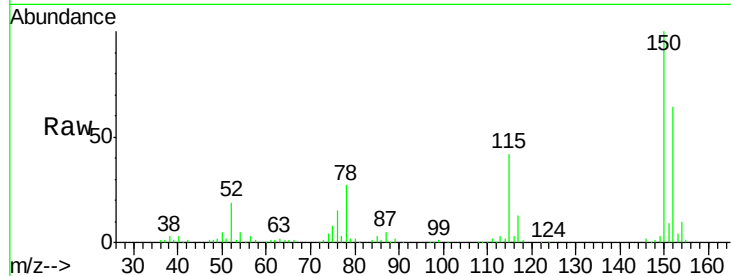
Tgt Ion:152 Resp: 104027

Ion Ratio Lower Upper

152 100

150 156.2 123.8 185.6

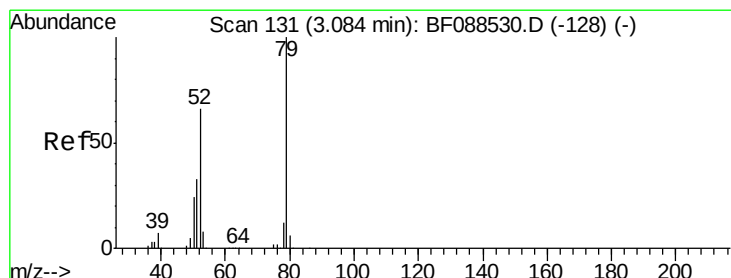
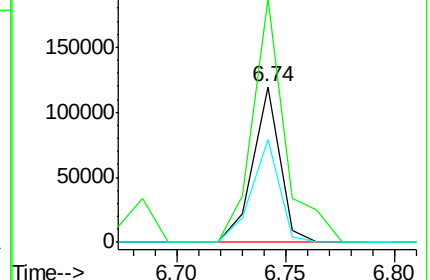
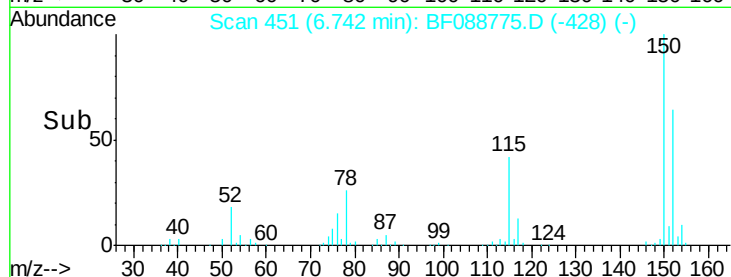
115 66.0 39.6 59.4#



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



#3

Pyridine

Concen: 28.75 ng

RT: 3.03 min Scan# 126

Delta R.T. 0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

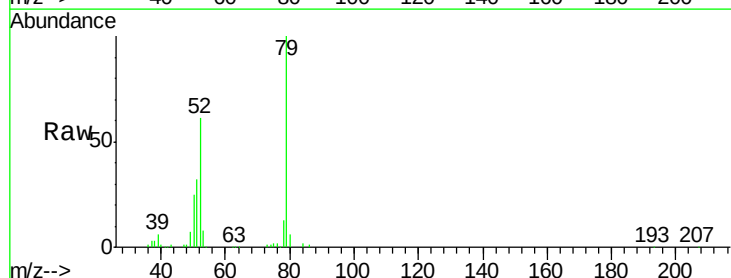
Tgt Ion: 79 Resp: 287111

Ion Ratio Lower Upper

79 100

52 61.0 56.3 84.5

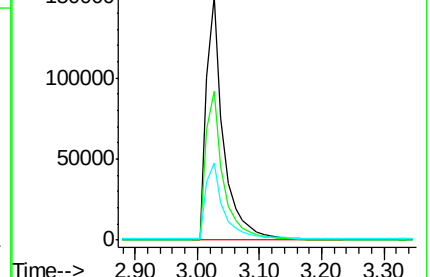
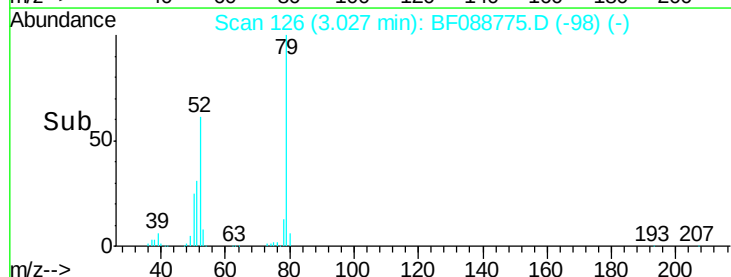
51 31.7 27.4 41.2

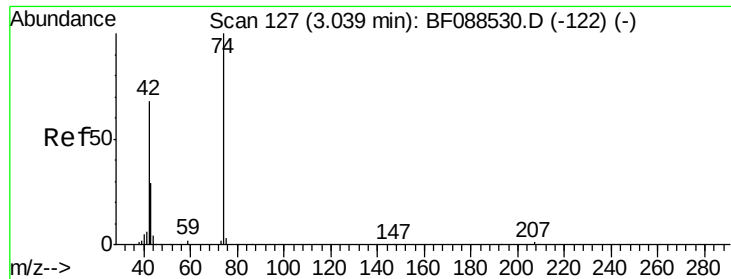


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



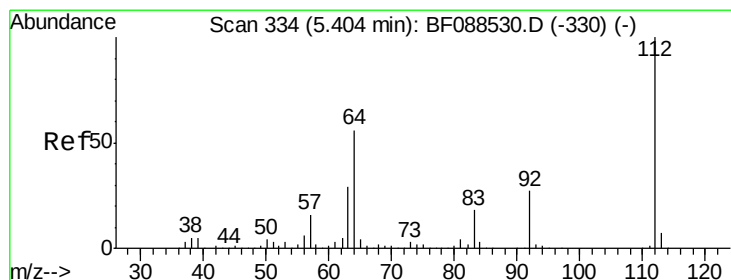
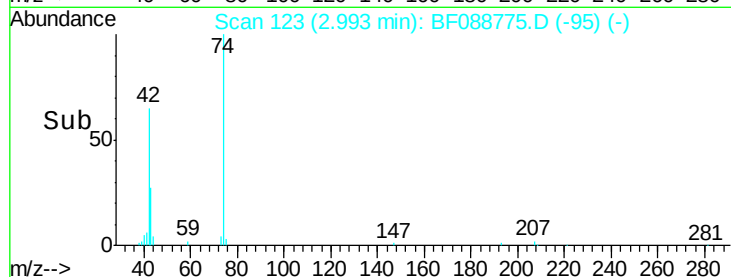
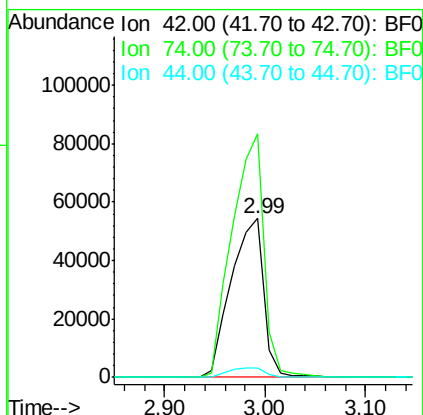
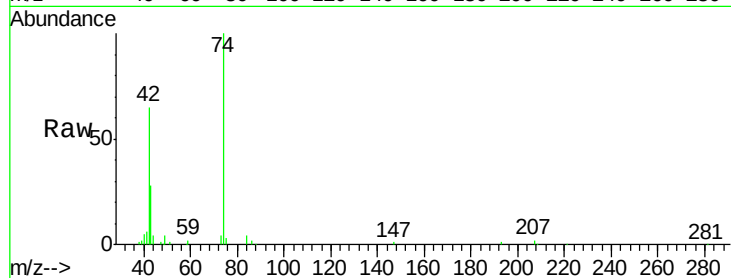


#4

n-Nitrosodimethylamine
 Concen: 32.05 ng
 RT: 2.99 min Scan# 123
 Delta R.T. 0.02 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

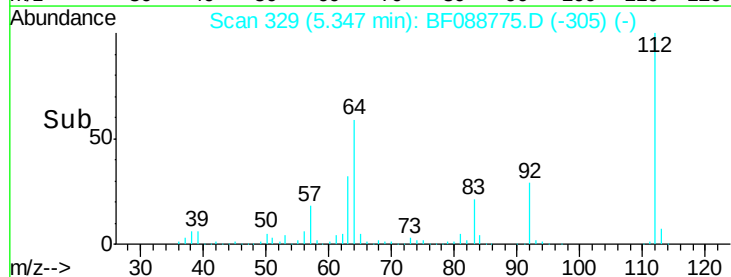
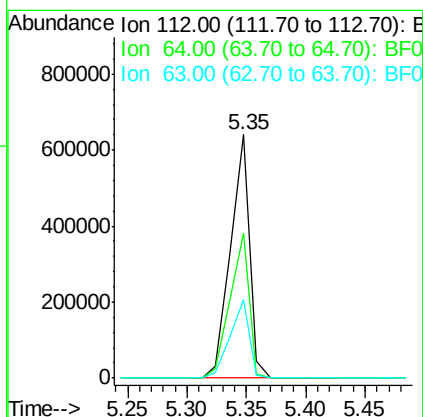
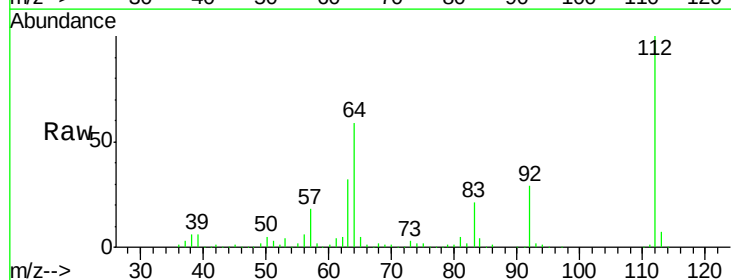
Tgt Ion: 42 Resp: 122266
 Ion Ratio Lower Upper
 42 100
 74 153.4 108.6 163.0
 44 6.3 5.5 8.3

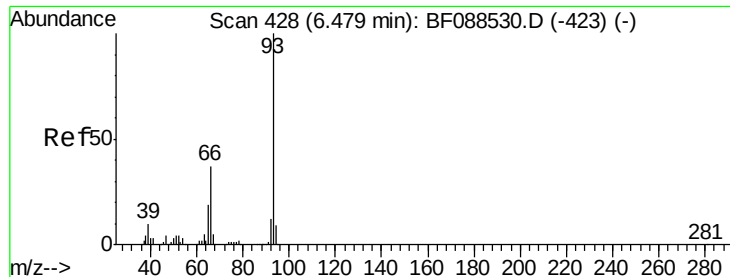


#5

2-Fluorophenol
 Concen: 102.43 ng
 RT: 5.35 min Scan# 329
 Delta R.T. -0.02 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion: 112 Resp: 710997
 Ion Ratio Lower Upper
 112 100
 64 59.5 42.2 63.2
 63 32.2 21.8 32.8





#6

Aniline

Concen: 26.28 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

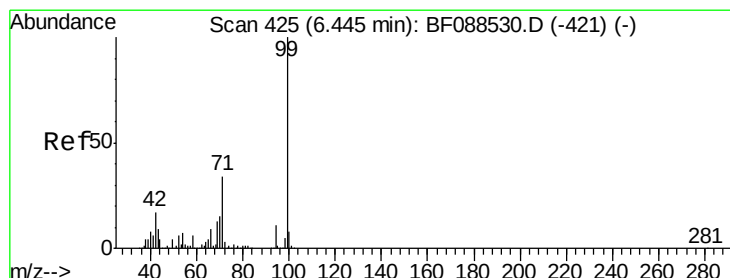
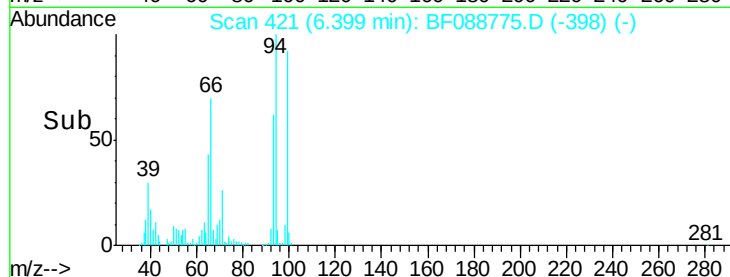
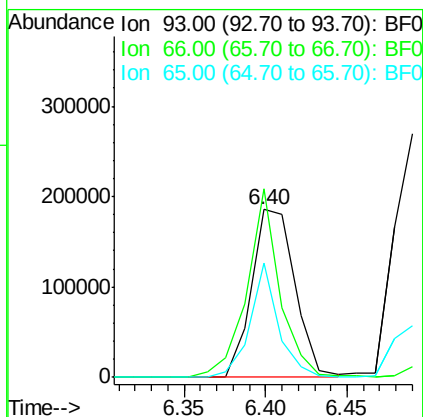
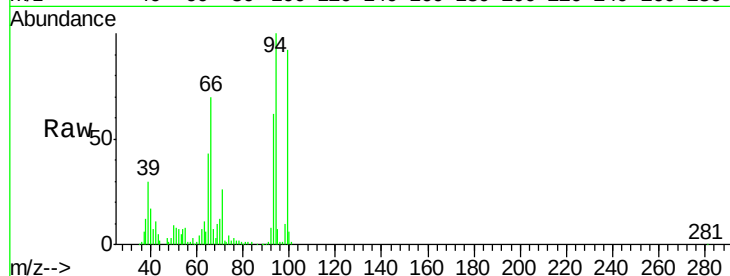
Tgt Ion: 93 Resp: 343489

Ion Ratio Lower Upper

93 100

66 112.0 29.8 44.8#

65 68.4 14.9 22.3#



#7

Phenol-d6

Concen: 105.63 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

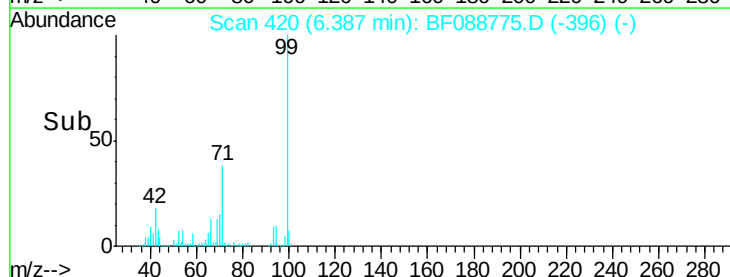
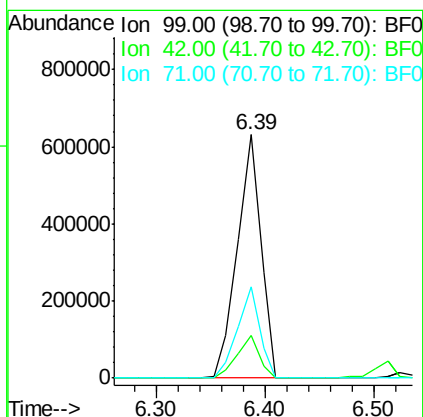
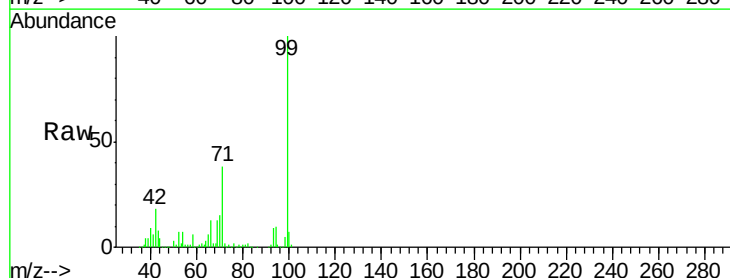
Tgt Ion: 99 Resp: 947388

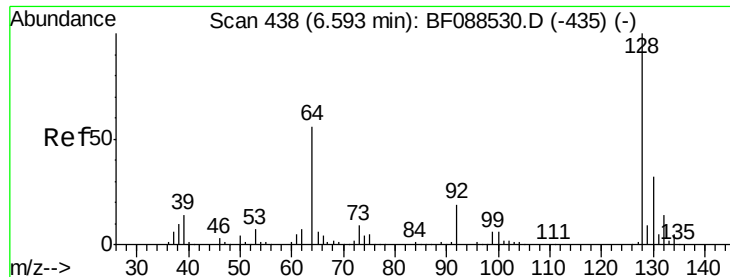
Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 37.7 23.4 35.0#





#8

2-Chlorophenol

Concen: 36.90 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

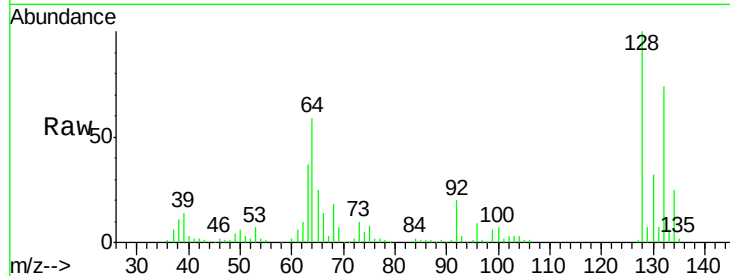
Tgt Ion:128 Resp: 275252

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

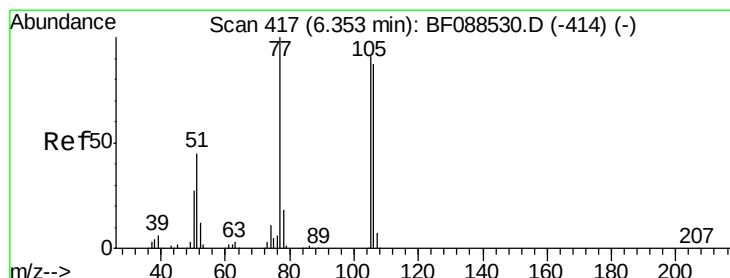
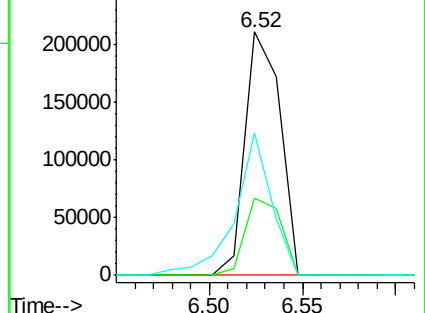
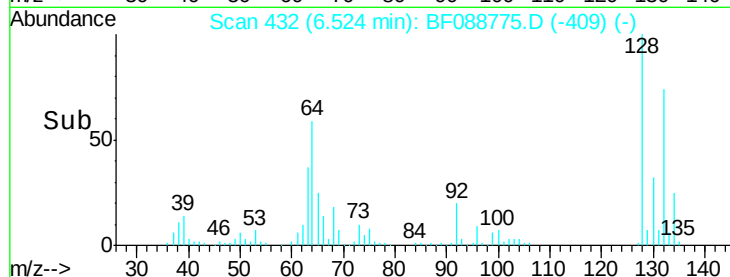
64 58.5 30.8 70.8



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: 33.03 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

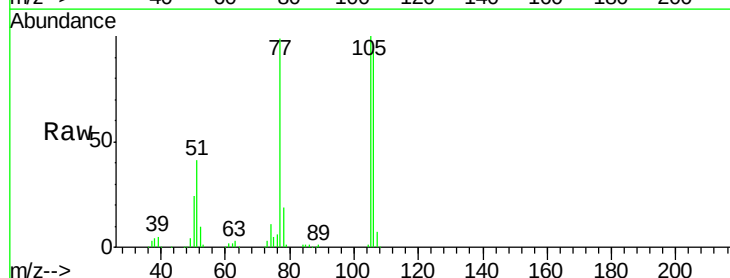
Tgt Ion: 77 Resp: 200648

Ion Ratio Lower Upper

77 100

105 101.1 90.6 130.6

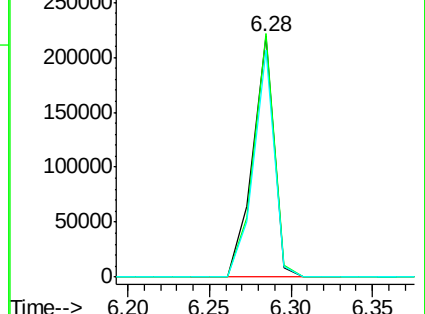
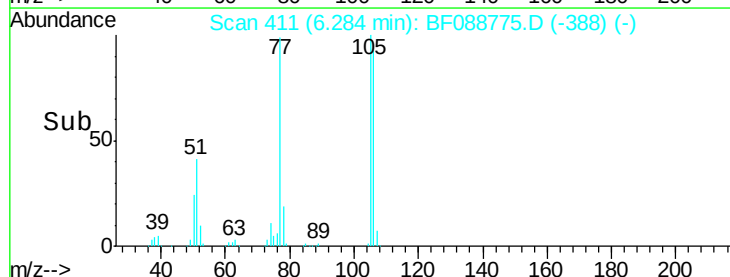
106 94.2 85.3 125.3

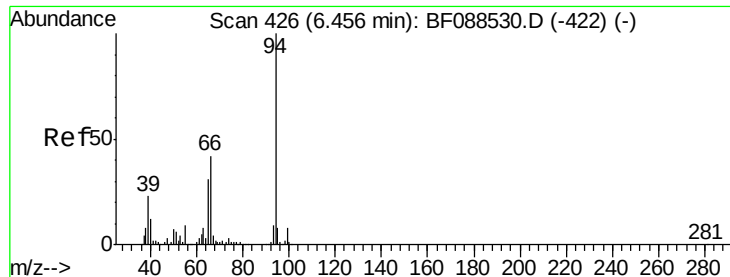


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 29.50 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

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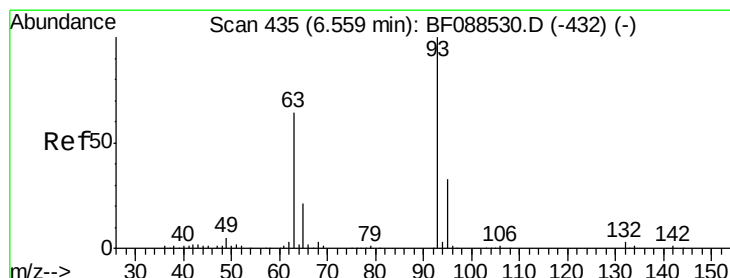
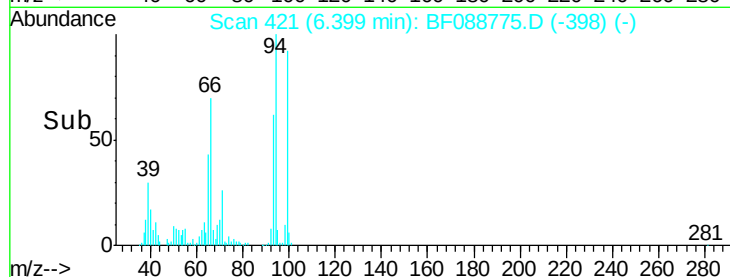
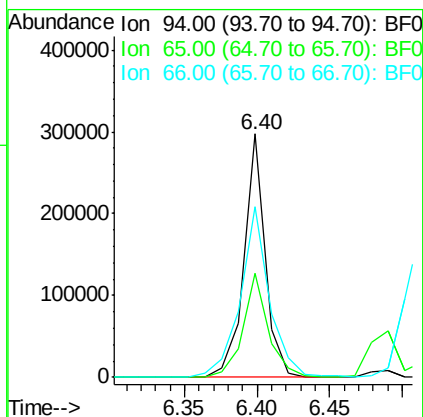
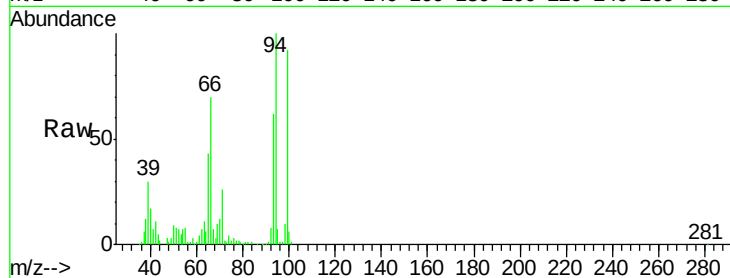
Tgt Ion: 94 Resp: 301996

Ion Ratio Lower Upper

94 100

65 42.7 5.9 45.9

66 70.0 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 40.40 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

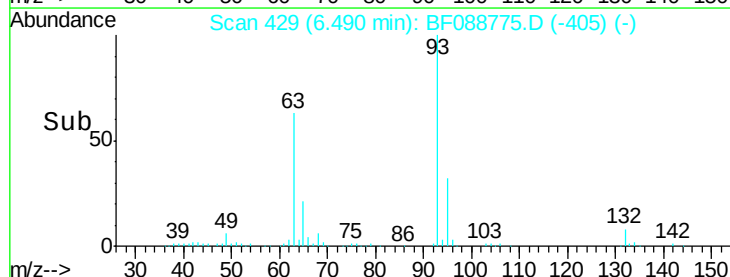
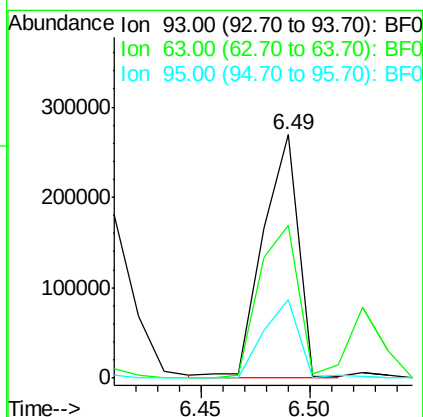
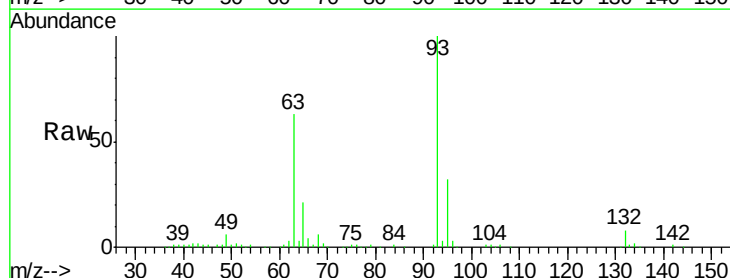
Tgt Ion: 93 Resp: 308400

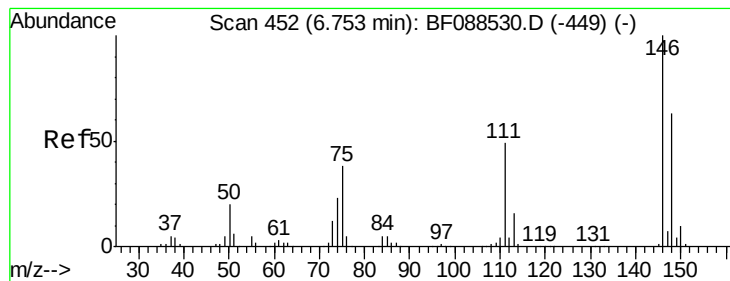
Ion Ratio Lower Upper

93 100

63 62.9 67.6 107.6#

95 32.4 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 38.01 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

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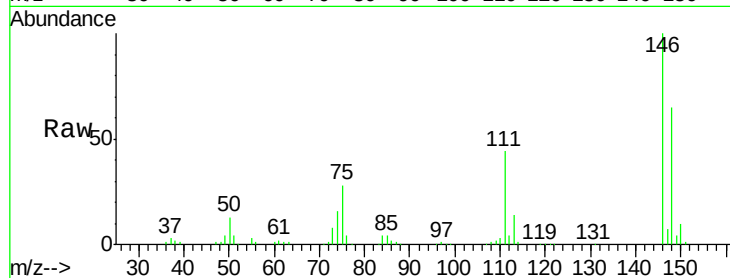
Tgt Ion:146 Resp: 312045

Ion Ratio Lower Upper

146 100

148 65.1 50.9 76.3

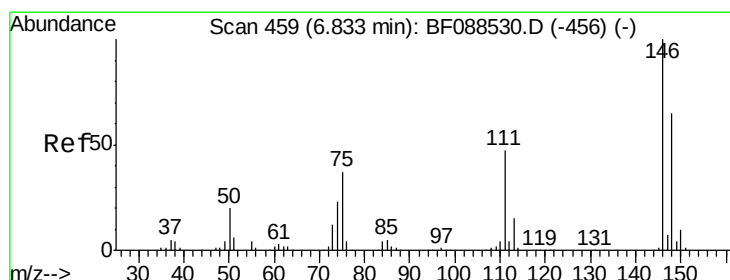
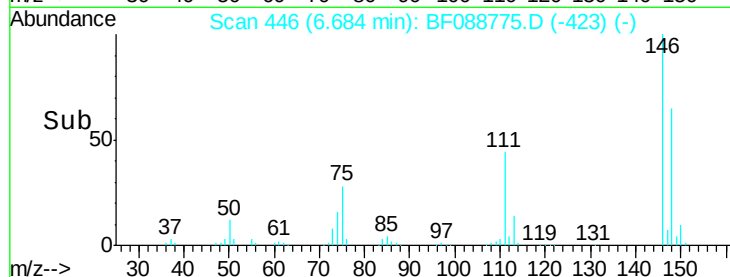
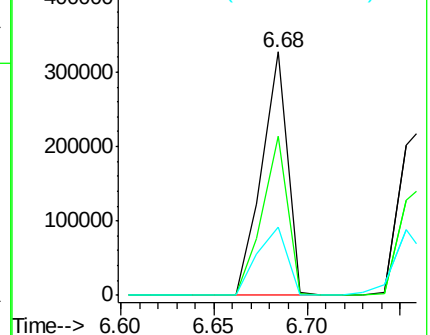
75 27.8 25.6 38.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 36.89 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

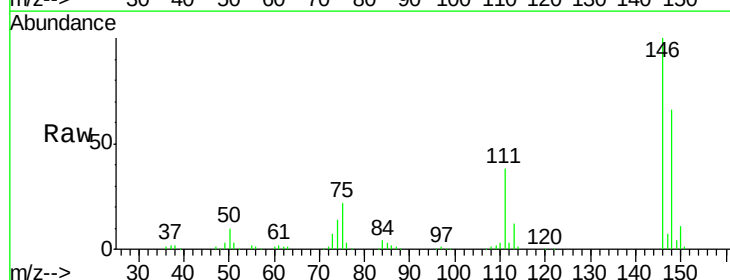
Tgt Ion:146 Resp: 300596

Ion Ratio Lower Upper

146 100

148 66.1 52.0 78.0

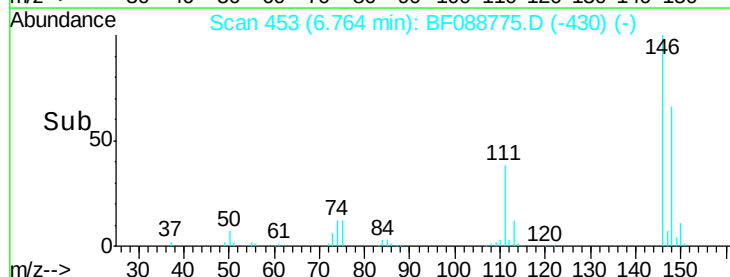
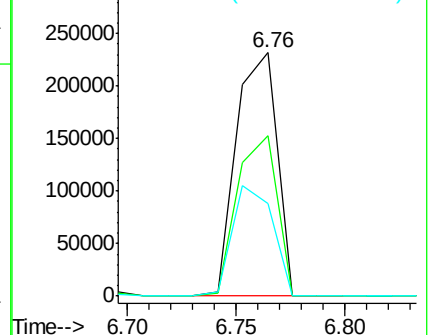
111 37.9 33.8 50.8

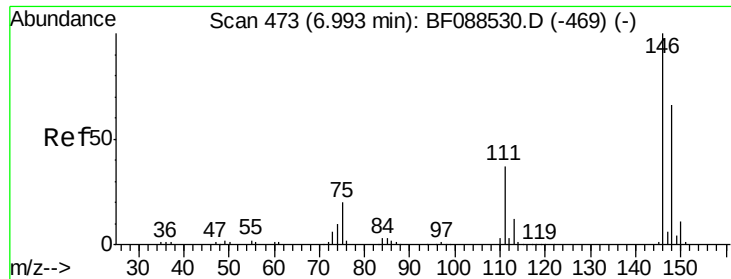


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

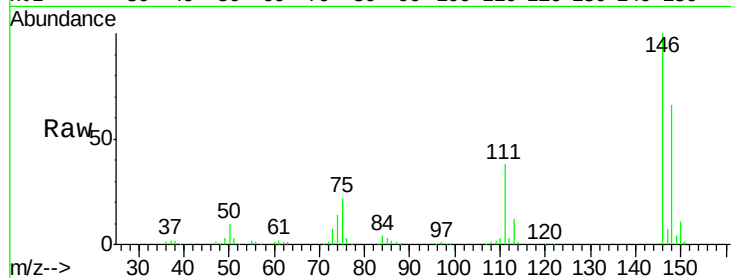




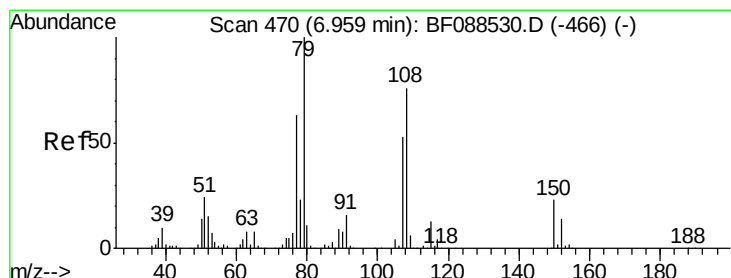
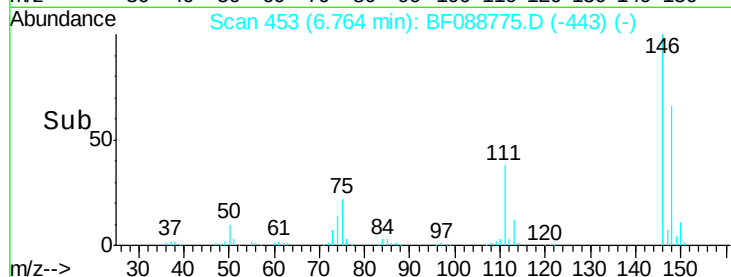
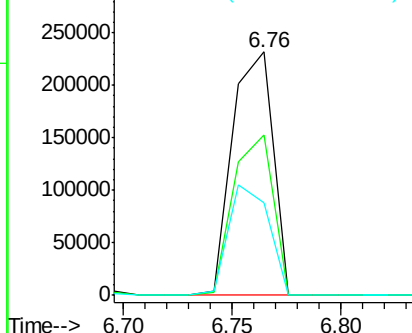
#14
 1,2-Dichlorobenzene
 Concen: 39.41 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.18 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion:146 Resp: 300596
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.3 78.5
 111 37.9 28.7 43.1

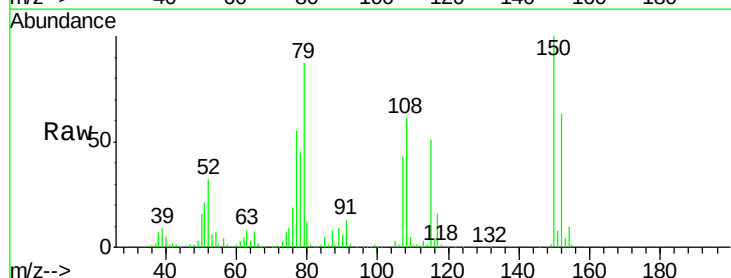


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

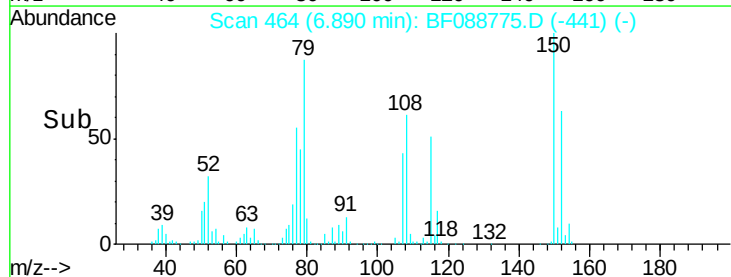
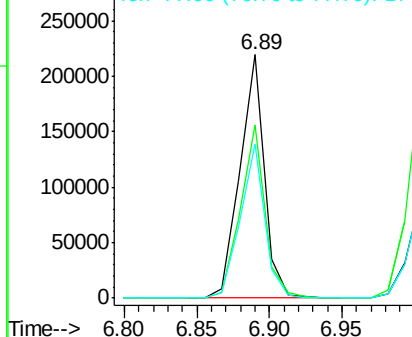


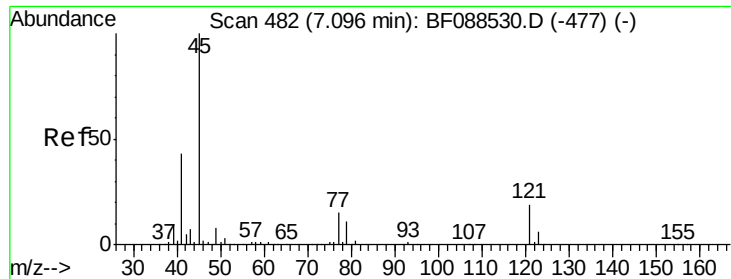
#15
 Benzyl Alcohol
 Concen: 38.73 ng
 RT: 6.89 min Scan# 464
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion: 79 Resp: 255683
 Ion Ratio Lower Upper
 79 100
 108 71.1 65.0 97.6
 77 63.3 50.3 75.5



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

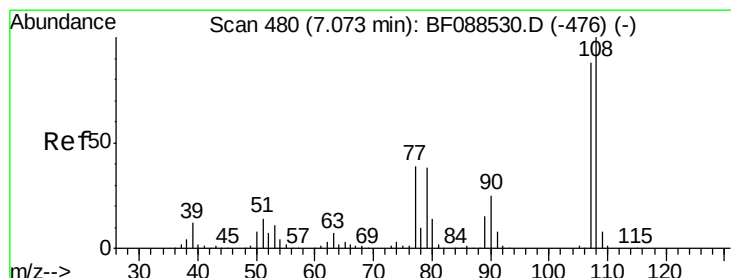
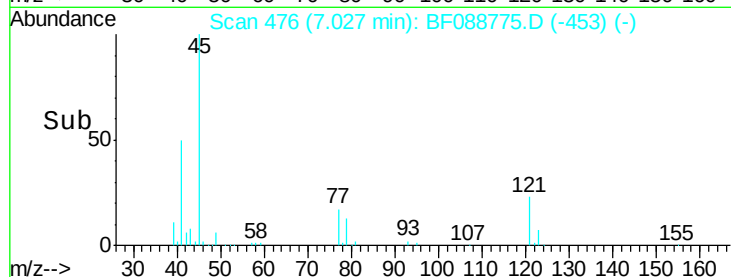
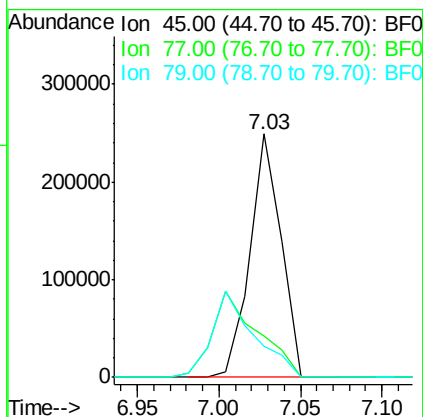
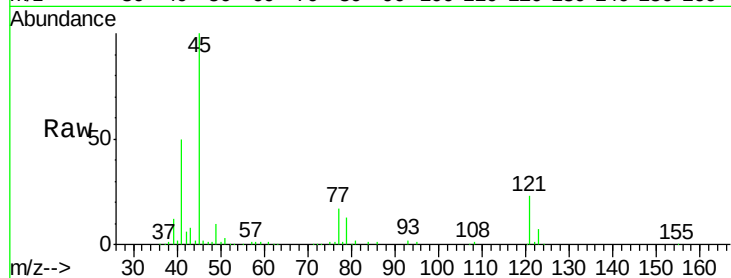




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 29.65 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

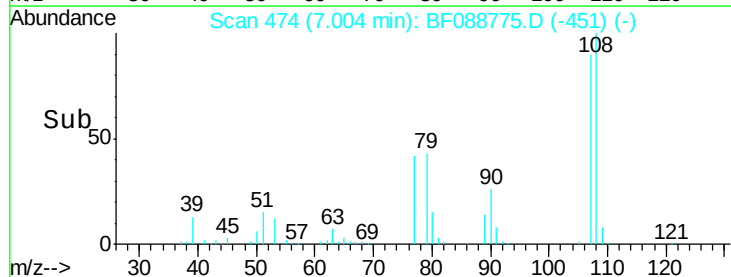
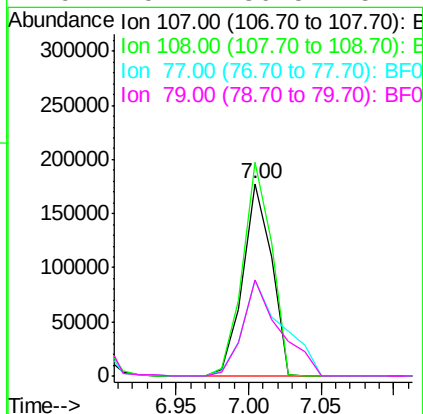
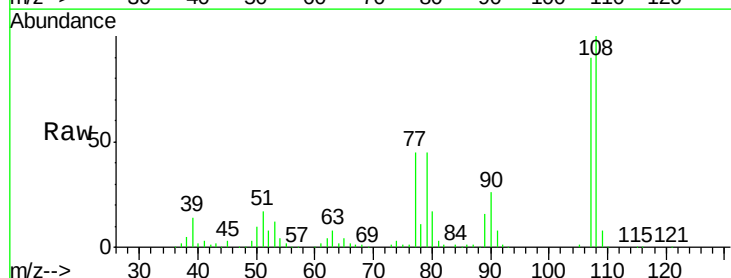
Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

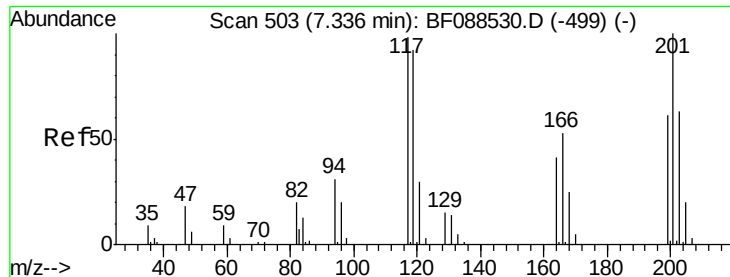
Tgt Ion: 45 Resp: 327754
 Ion Ratio Lower Upper
 45 100
 77 16.8 0.0 32.5
 79 13.0 0.0 29.5



#17
 2-Methylphenol
 Concen: 40.28 ng
 RT: 7.00 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion: 107 Resp: 245138
 Ion Ratio Lower Upper
 107 100
 108 110.9 90.9 136.3
 77 49.7 36.6 55.0
 79 49.7 36.5 54.7

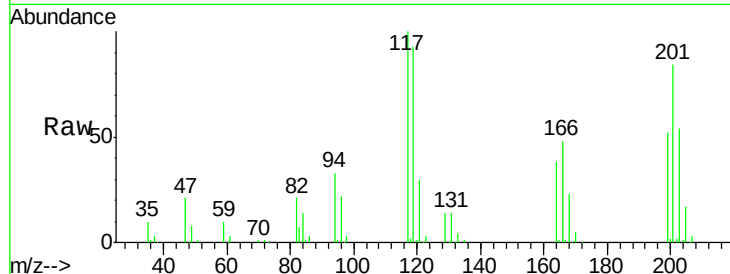




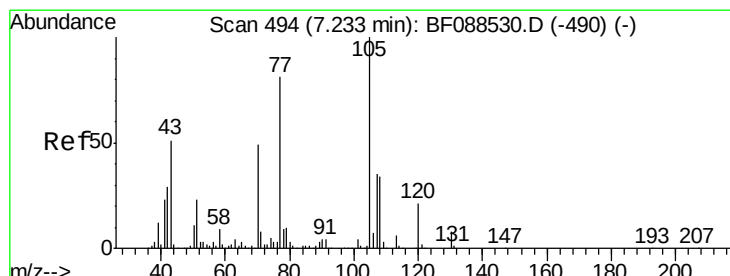
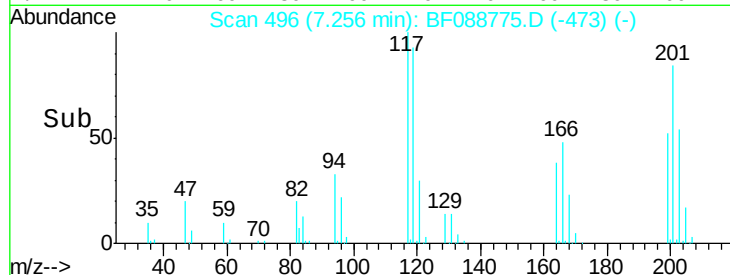
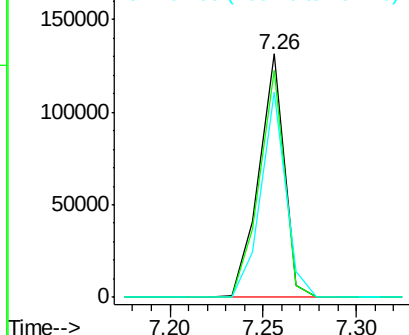
#18
Hexachloroethane
Concen: 39.12 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion: 117 Resp: 123291
Ion Ratio Lower Upper
117 100
119 93.2 77.4 116.2
201 84.2 80.4 120.6



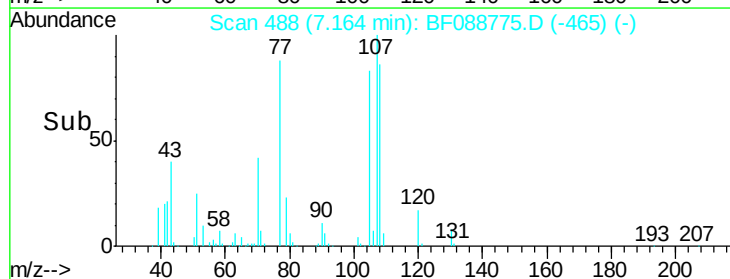
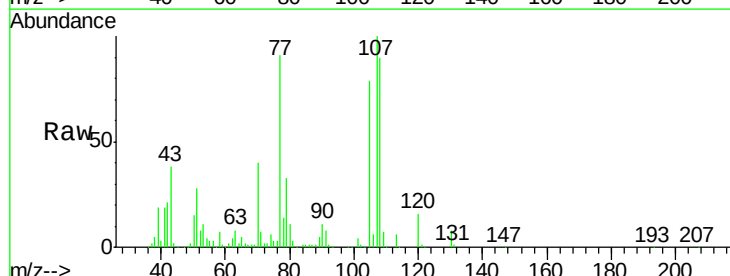
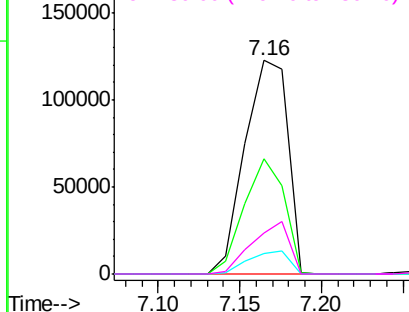
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

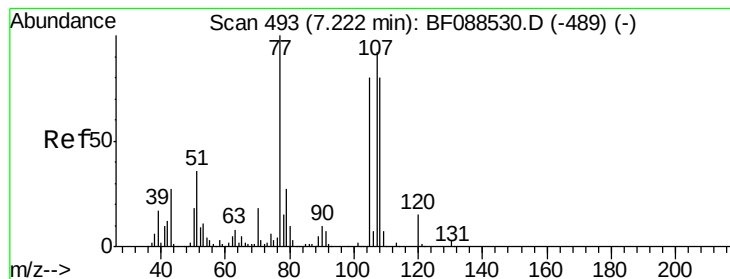


#19
n-Nitroso-di-n-propylamine
Concen: 37.05 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion: 70 Resp: 223198
Ion Ratio Lower Upper
70 100
42 53.9 49.6 74.4
101 9.5 7.1 10.7
130 19.4 15.4 23.2

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: 40.60 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tgt Ion:107 Resp: 296524

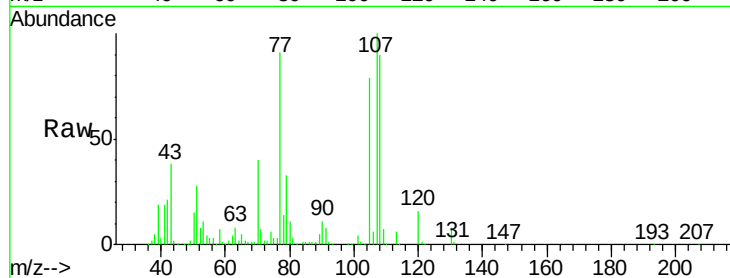
Ion Ratio Lower Upper

107 100

108 89.8 67.8 107.8

77 91.0 59.3 99.3

79 32.8 7.0 47.0

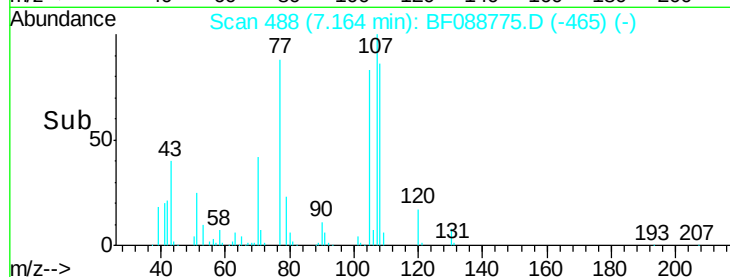


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

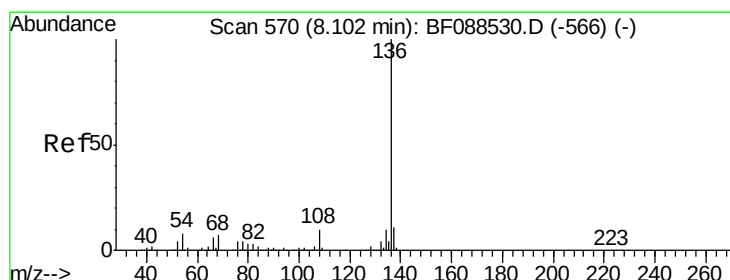
Ion 79.00 (78.70 to 79.70): BF0



Abundance

7.16

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Tgt Ion:136 Resp: 414884

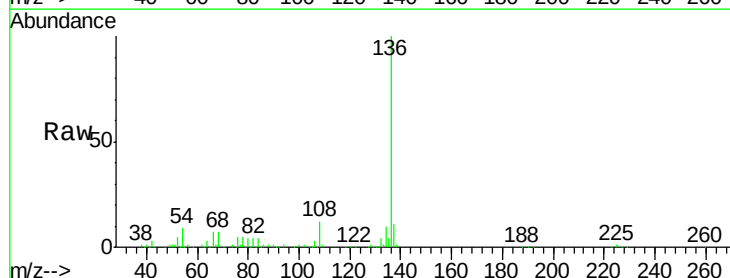
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.2 6.6 10.0

68 7.4 5.1 7.7

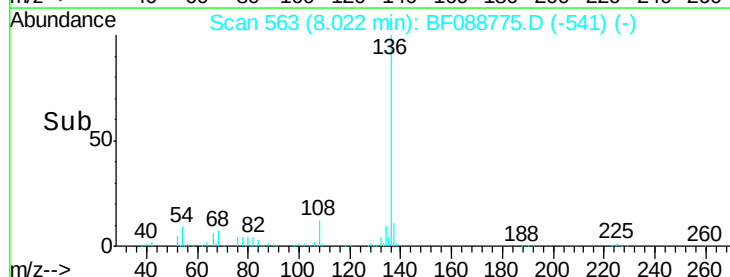


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

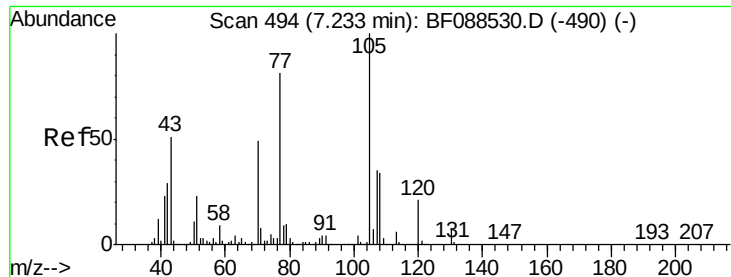
Ion 68.00 (67.70 to 68.70): BF0



Abundance

8.02

Time-->



#22

Acetophenone

Concen: 42.60 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tgt Ion: 105 Resp: 428941

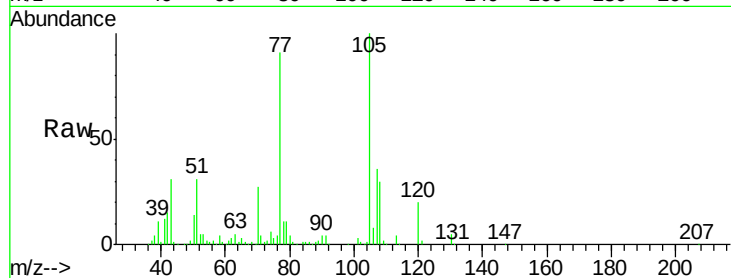
Ion Ratio Lower Upper

105 100

71 4.4 5.3 7.9#

51 30.6 18.2 27.4#

120 19.5 18.0 27.0

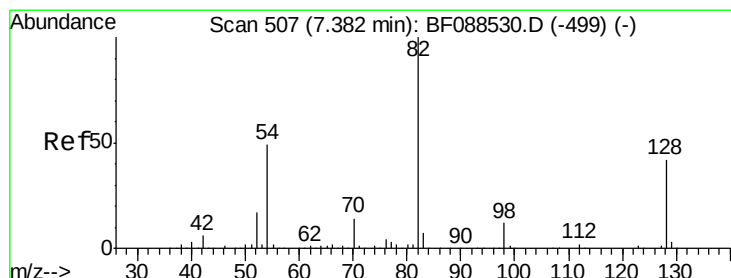
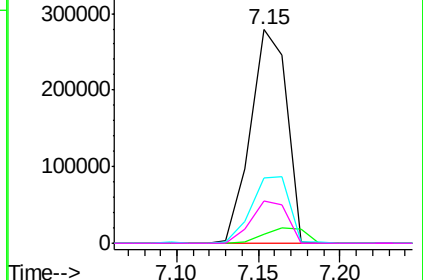
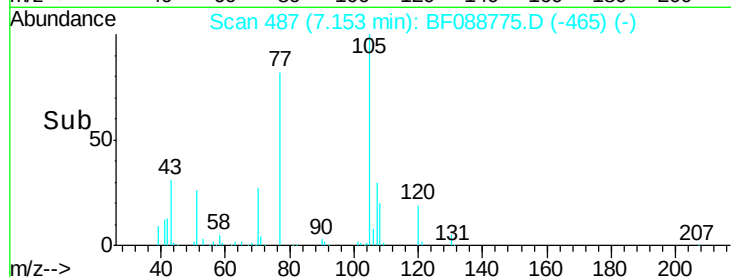


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 85.07 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

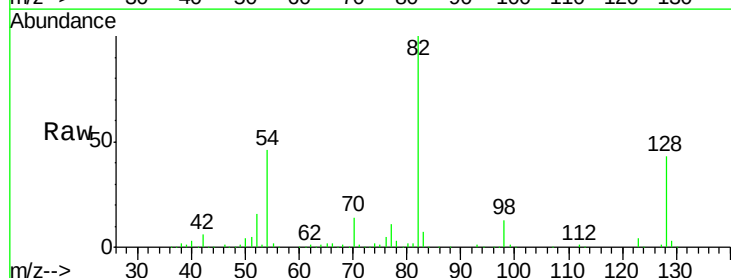
Tgt Ion: 82 Resp: 673486

Ion Ratio Lower Upper

82 100

128 42.9 35.9 53.9

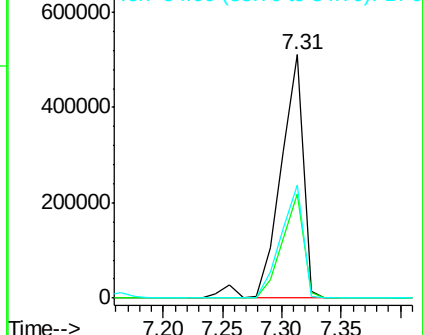
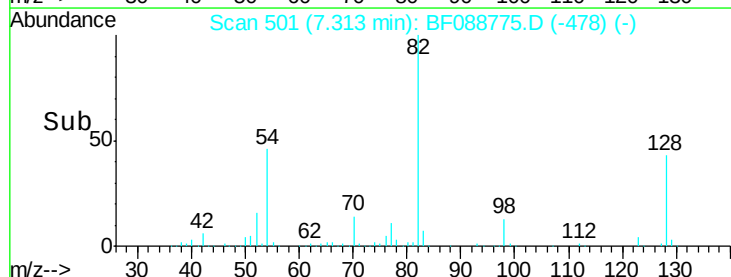
54 46.3 40.9 61.3

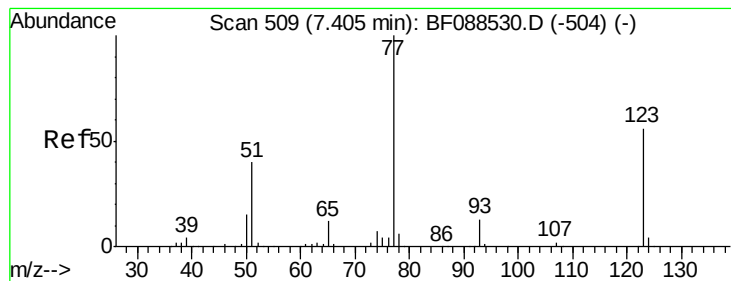


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 37.22 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

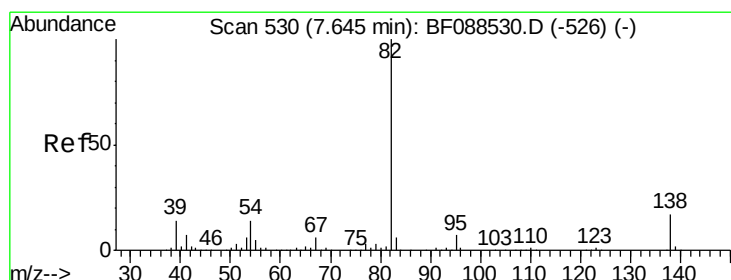
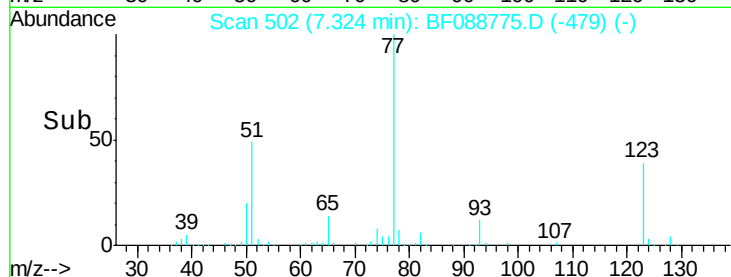
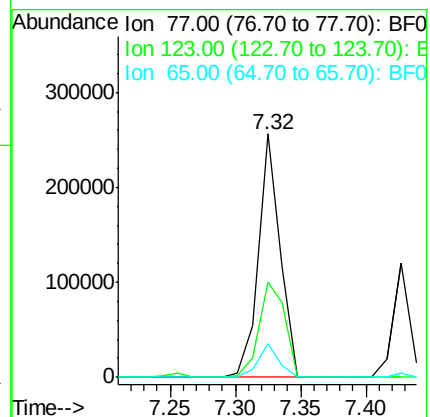
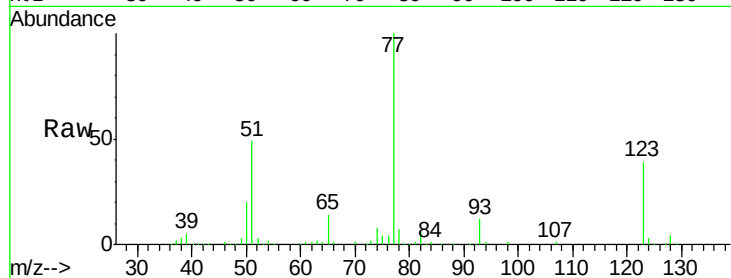
Tgt Ion: 77 Resp: 297082

Ion Ratio Lower Upper

77 100

123 39.3 45.0 67.4#

65 13.6 10.2 15.2



#25

Isophorone

Concen: 41.75 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

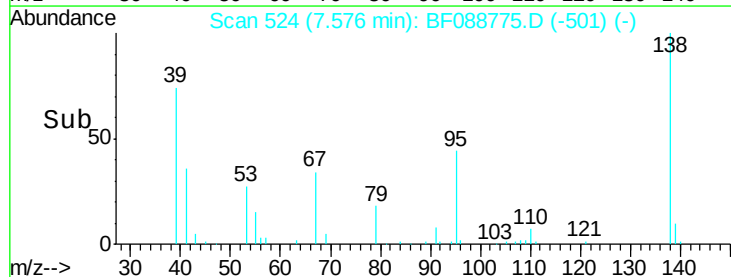
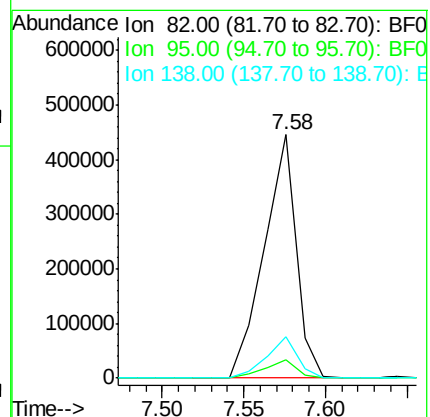
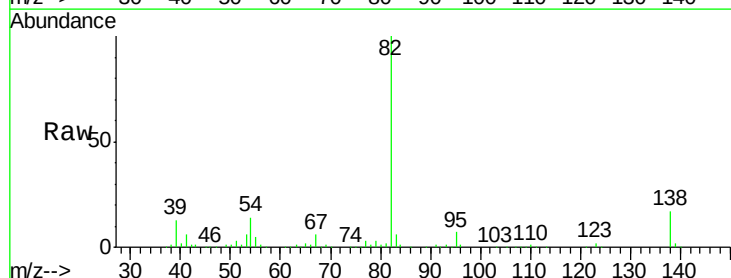
Tgt Ion: 82 Resp: 612244

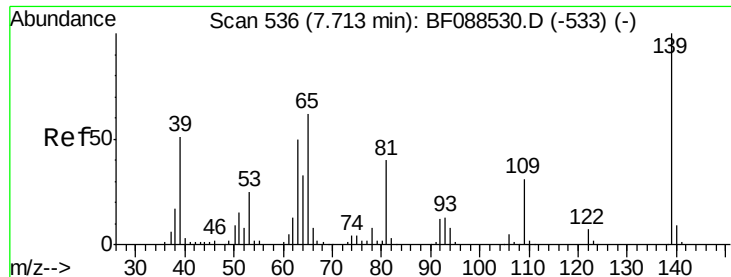
Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

138 16.9 14.6 21.8

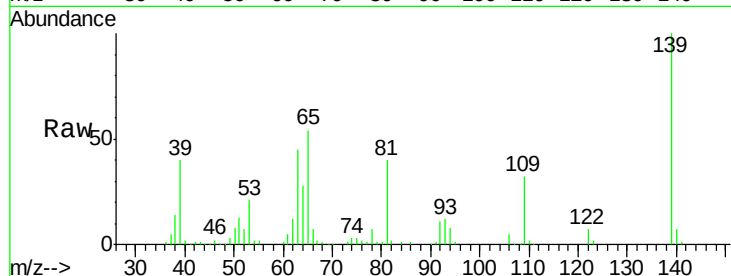




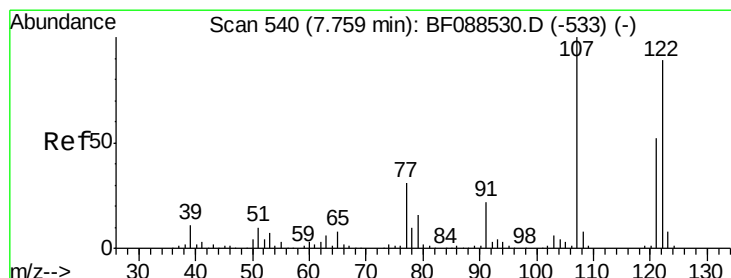
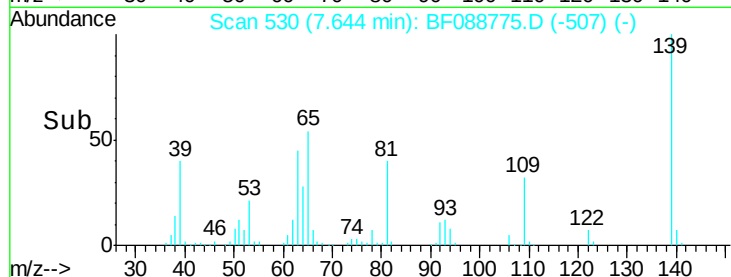
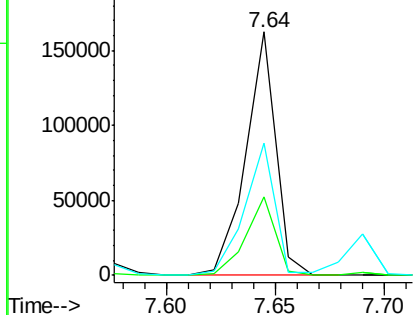
#26
2-Nitrophenol
Concen: 47.25 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:139 Resp: 154647
Ion Ratio Lower Upper
139 100
109 32.3 23.0 34.4
65 54.5 45.8 68.8

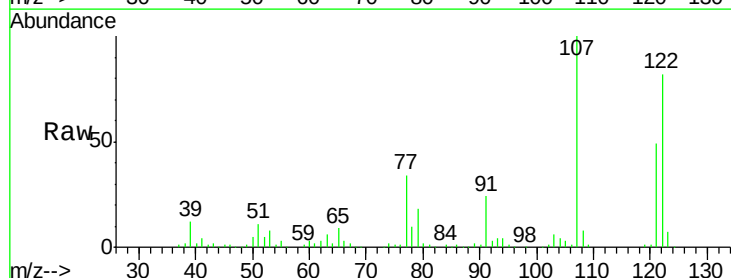


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

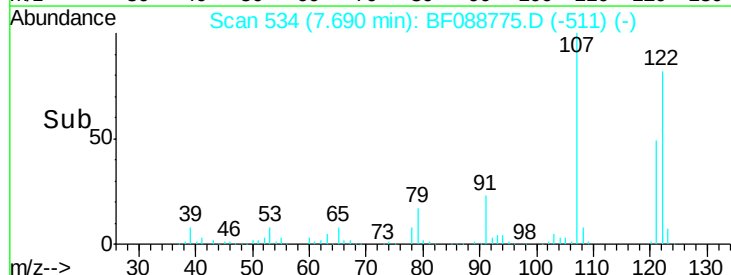
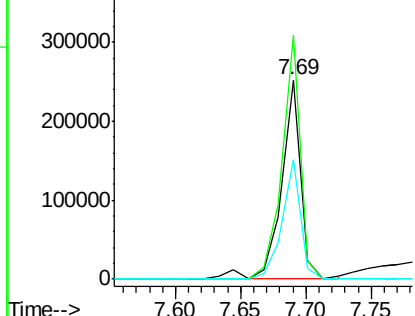


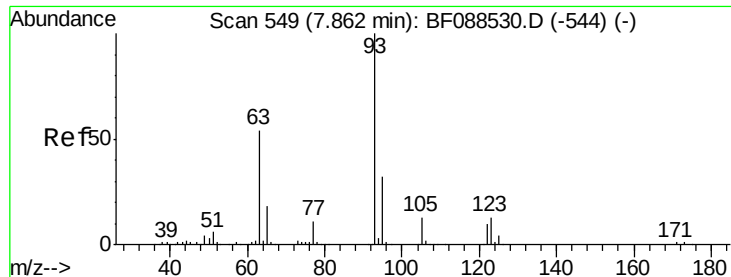
#27
2,4-Dimethylphenol
Concen: 39.00 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:122 Resp: 265882
Ion Ratio Lower Upper
122 100
107 122.2 82.4 123.6
121 60.0 46.3 69.5



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

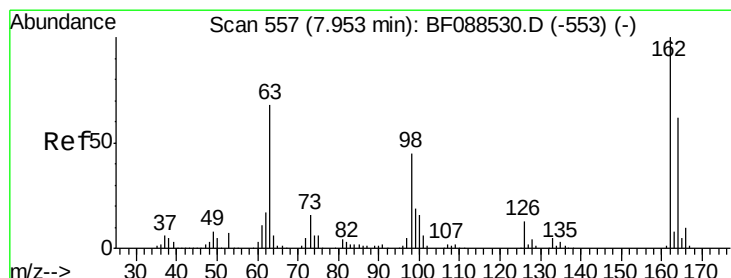
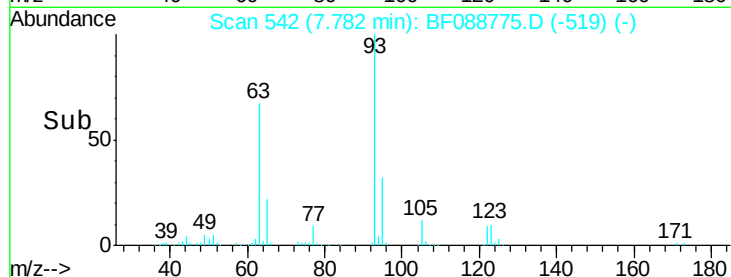
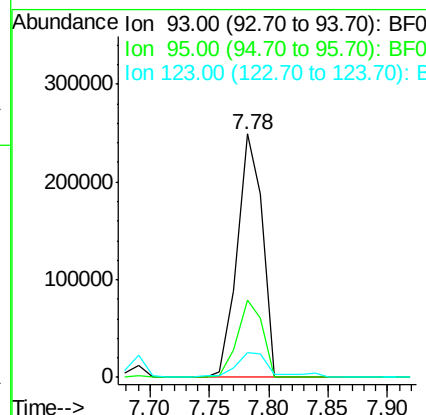
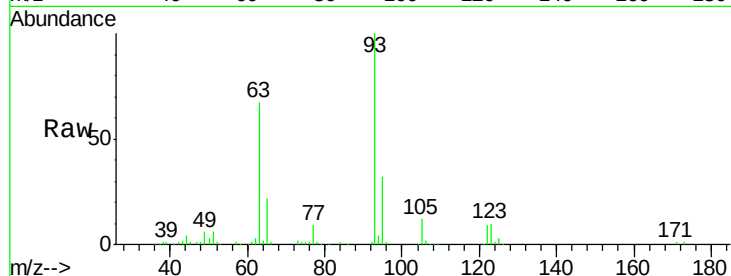




#28
 bis(2-Chloroethoxy)methane
 Concen: 38.29 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

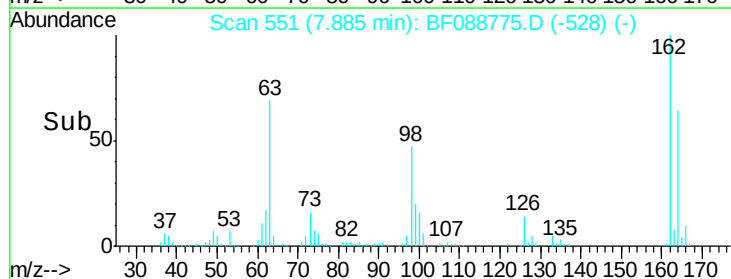
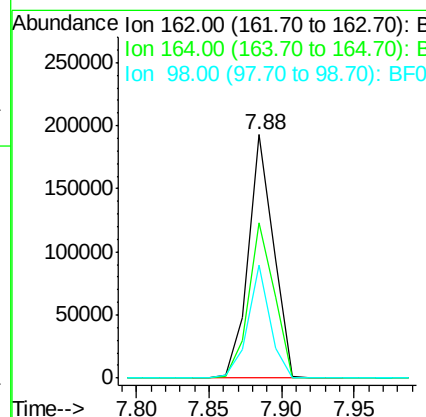
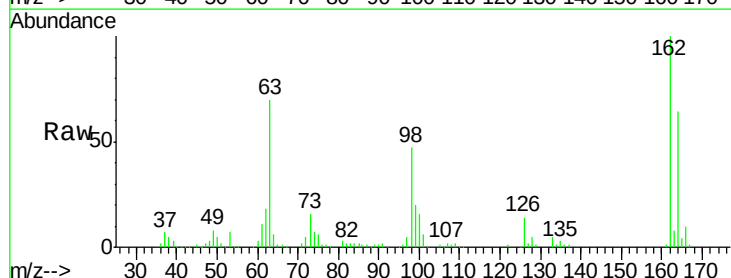
Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

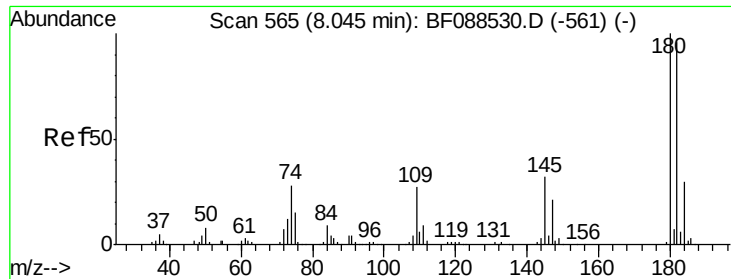
Tgt Ion: 93 Resp: 365397
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 10.3 11.6 17.4#



#29
 2,4-Dichlorophenol
 Concen: 42.07 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion: 162 Resp: 231774
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.8 83.8
 98 46.6 21.3 61.3

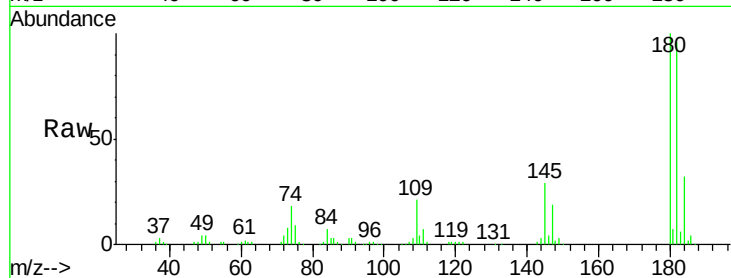




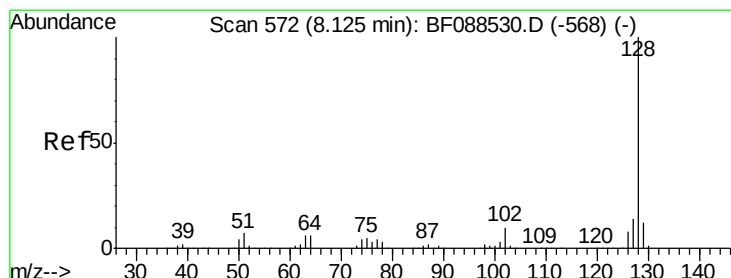
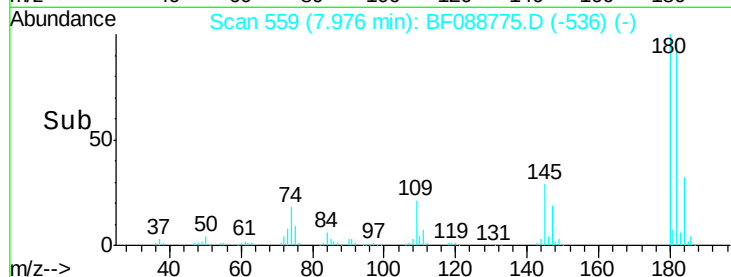
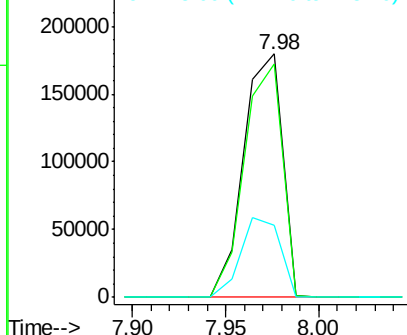
#30
1,2,4-Trichlorobenzene
Concen: 42.73 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:180 Resp: 258379
Ion Ratio Lower Upper
180 100
182 95.9 76.0 114.0
145 29.4 26.5 39.7

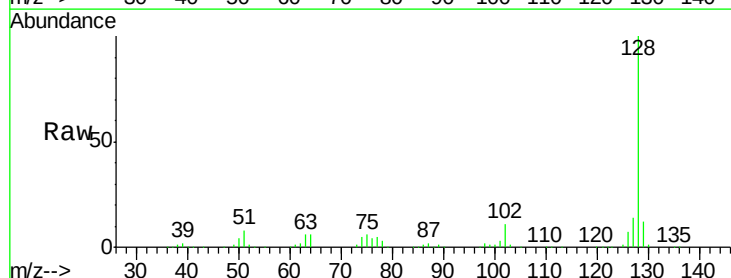


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

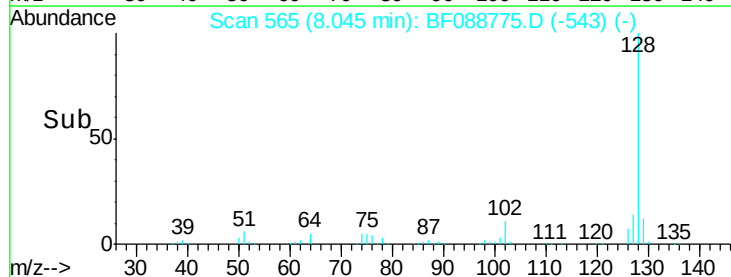
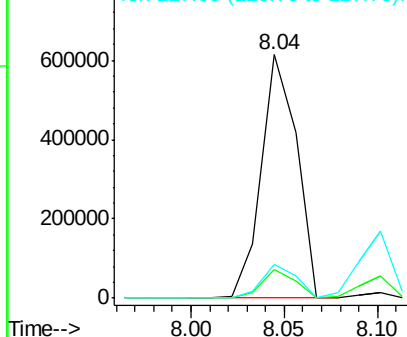


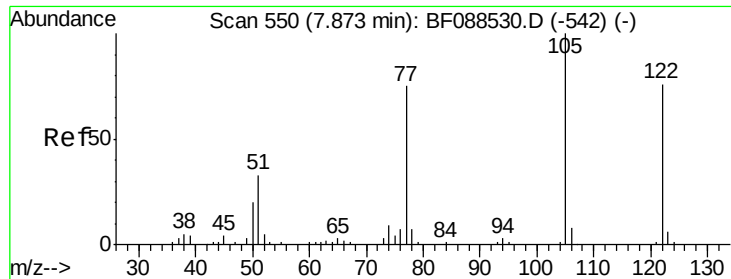
#31
Naphthalene
Concen: 39.35 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.05 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:128 Resp: 804925
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.7 10.9 16.3



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: 36.91 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

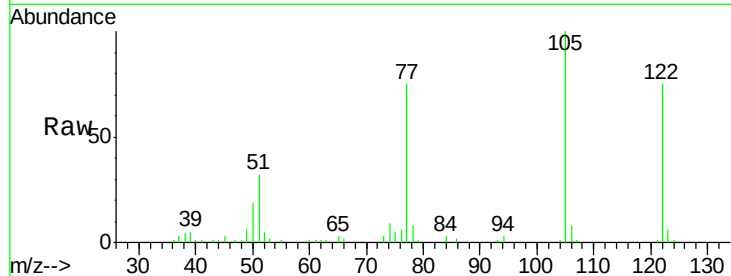
Tgt Ion:122 Resp: 182720

Ion Ratio Lower Upper

122 100

105 133.8 101.6 141.6

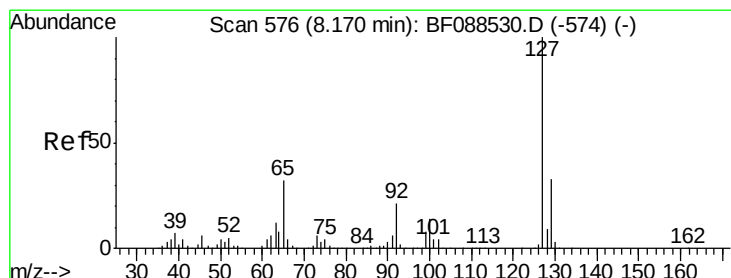
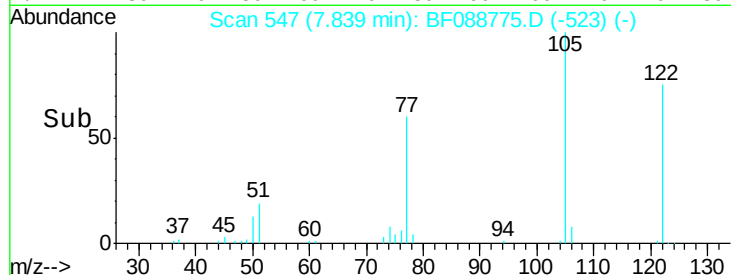
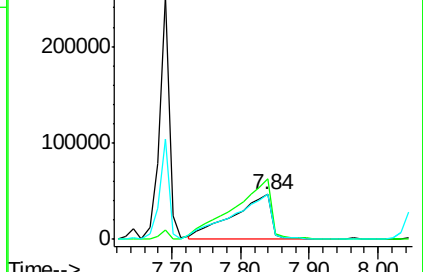
77 100.4 70.6 110.6



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: 22.89 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Tgt Ion:127 Resp: 208291

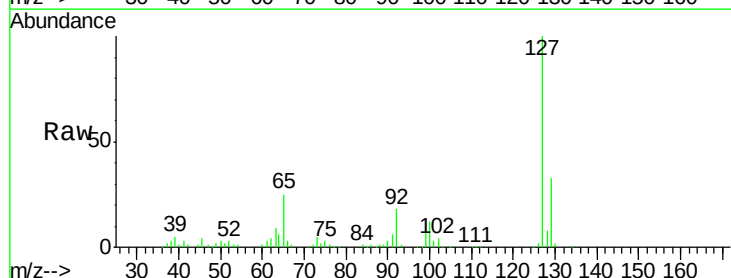
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 25.0 24.7 37.1

92 18.4 15.4 23.0

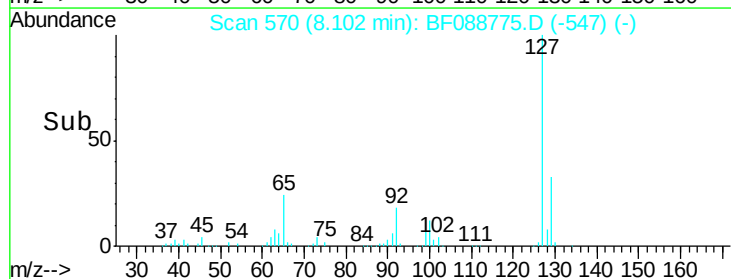
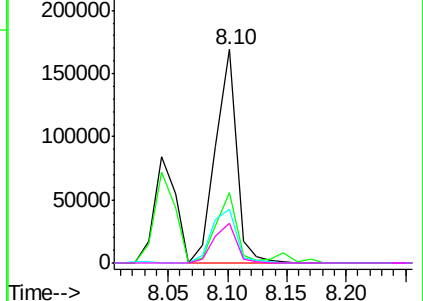


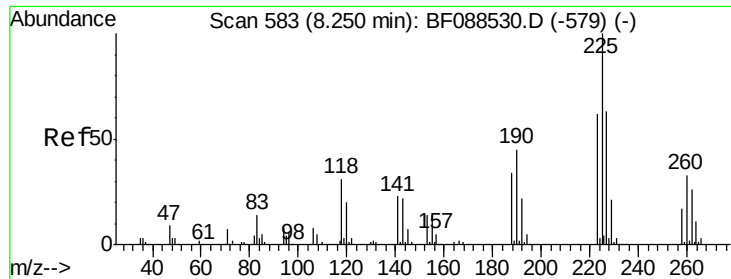
Abundance Ion 127.00 (126.70 to 127.70): E

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

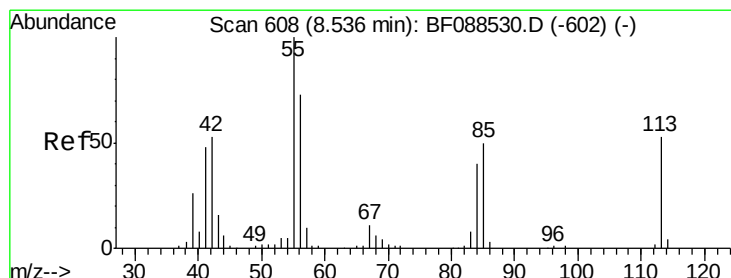
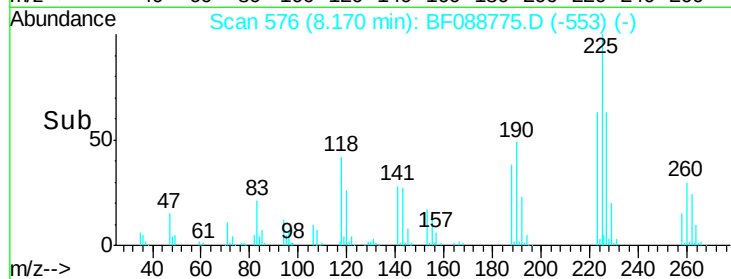
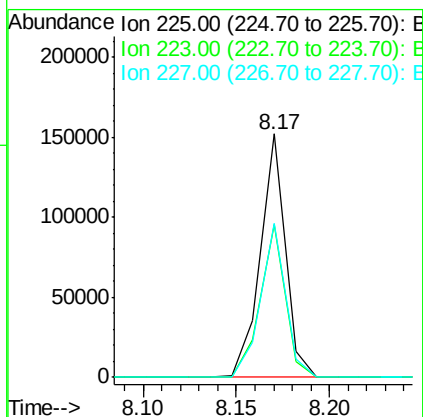
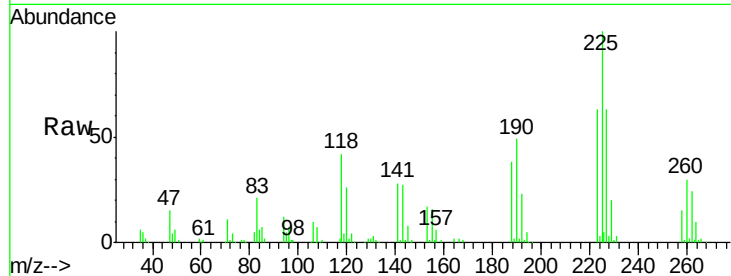




#34
Hexachlorobutadiene
Concen: 43.41 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

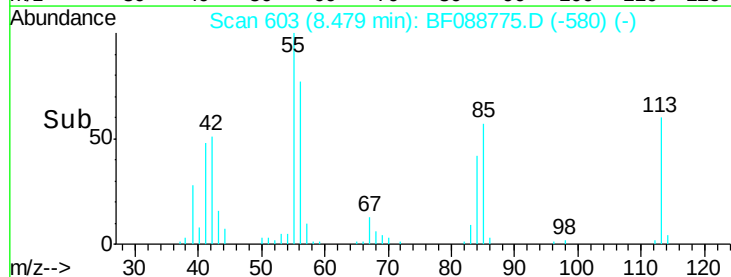
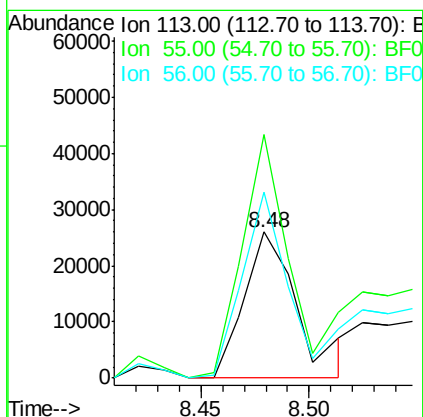
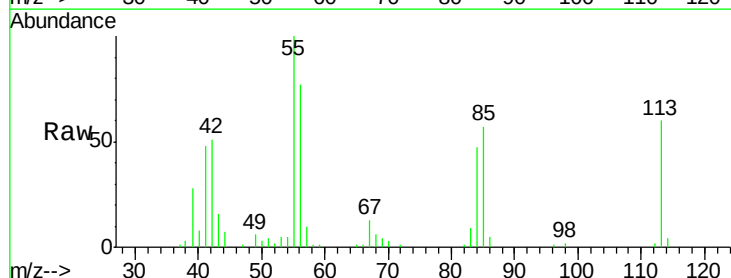
Instrument :
BNA_F
ClientSampleId :
PB91776BS

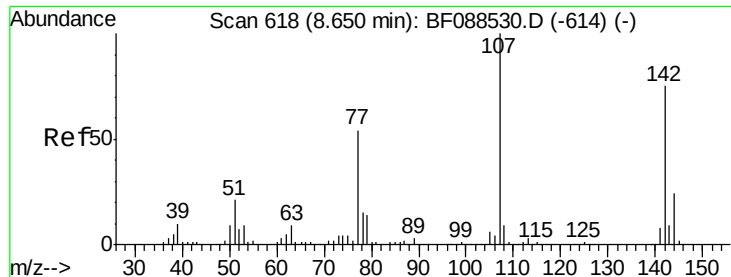
Tgt Ion: 225 Resp: 140529
Ion Ratio Lower Upper
225 100
223 63.0 50.9 76.3
227 63.1 51.9 77.9



#35
Caprolactam
Concen: 23.90 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion: 113 Resp: 44715
Ion Ratio Lower Upper
113 100
55 166.4 158.6 198.6
56 127.5 110.6 150.6

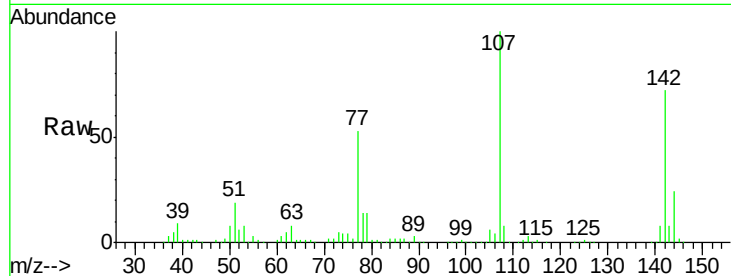




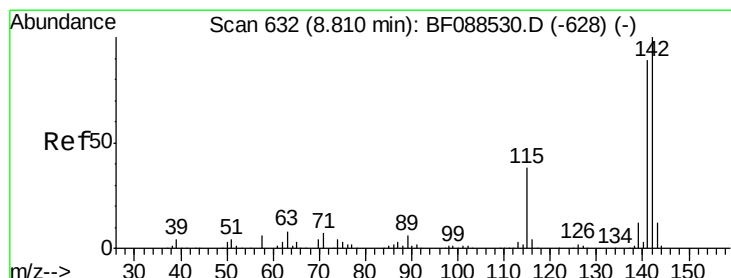
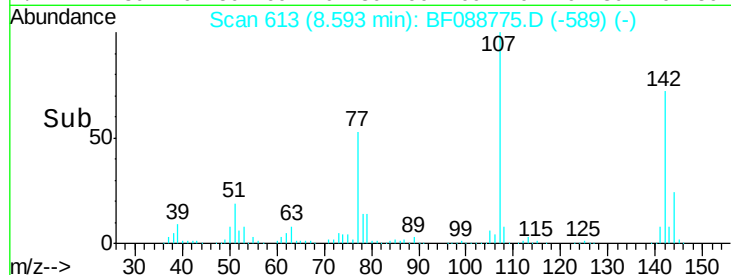
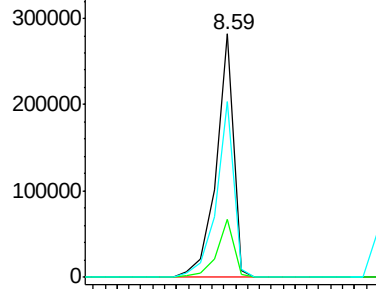
#36
 4-Chloro-3-methylphenol
 Concen: 44.51 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion:107 Resp: 289994
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.8 31.2
 142 72.4 63.4 95.2

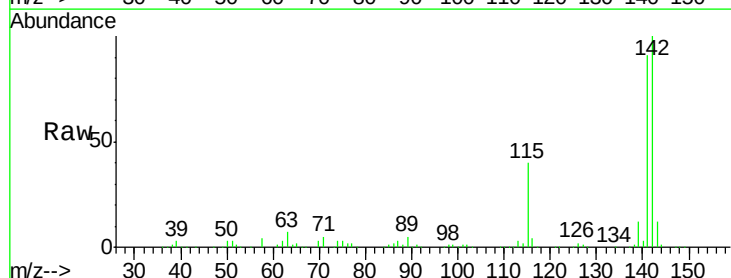


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

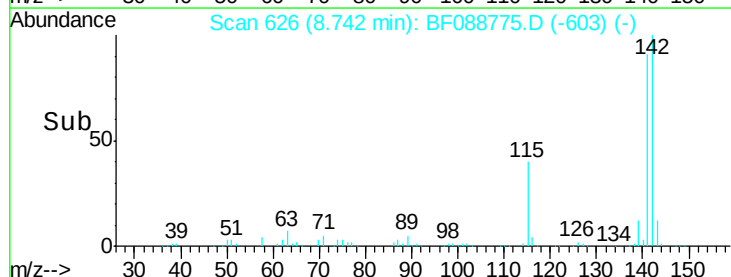
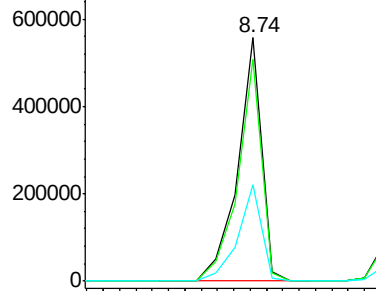


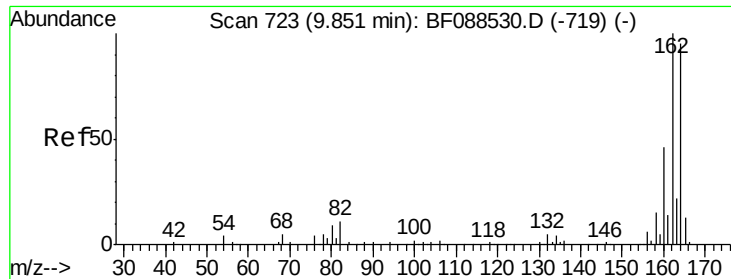
#37
 2-Methylnaphthalene
 Concen: 43.11 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion:142 Resp: 567800
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.0 106.6
 115 39.6 22.6 33.8#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

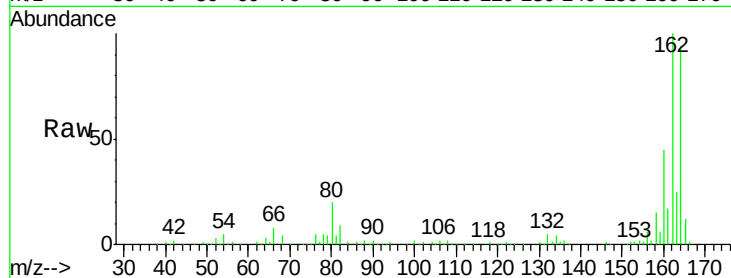
Tgt Ion:164 Resp: 205440

Ion Ratio Lower Upper

164 100

162 106.3 85.4 128.2

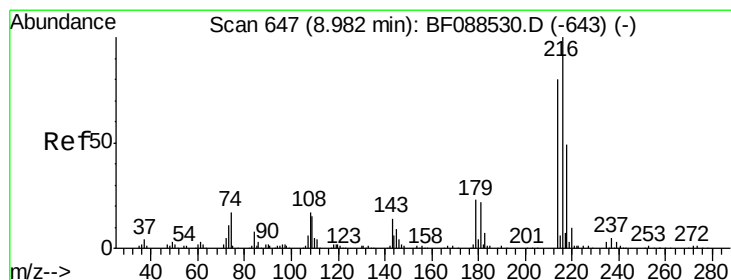
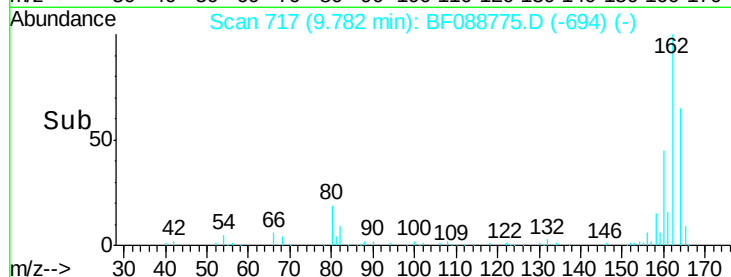
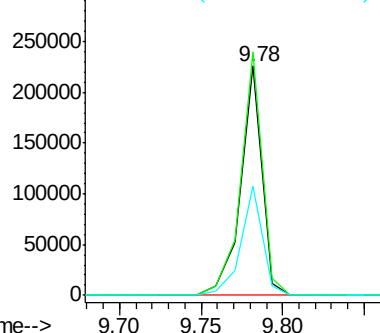
160 47.8 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.69 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Tgt Ion:216 Resp: 250698

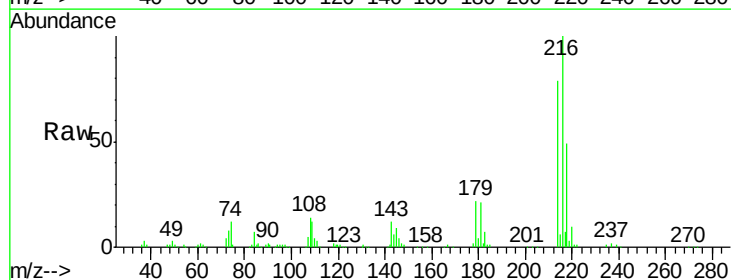
Ion Ratio Lower Upper

216 100

214 79.2 2.9 4.3#

179 23.0 0.0 0.0#

108 22.0 0.5 0.7#

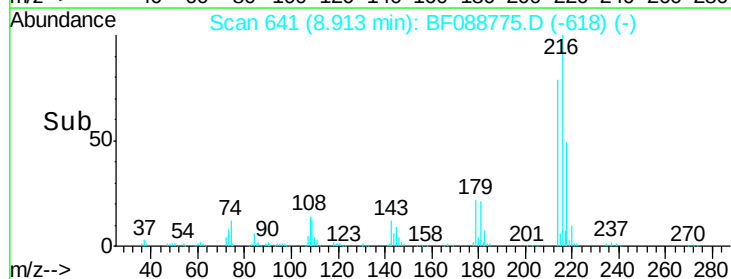
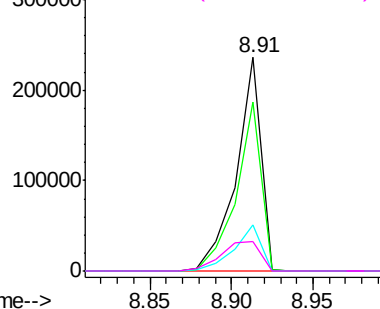


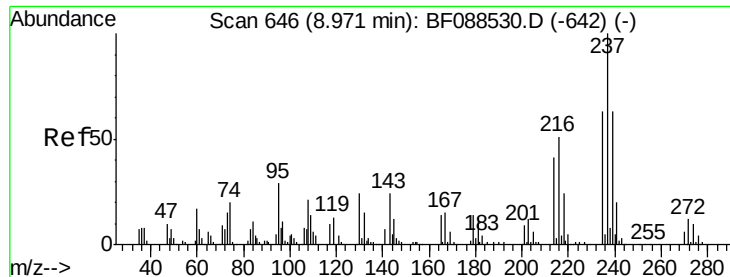
Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.22 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

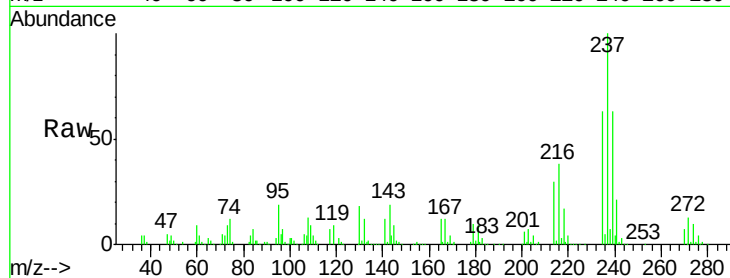
Tgt Ion:237 Resp: 258984

Ion Ratio Lower Upper

237 100

235 62.5 43.4 83.4

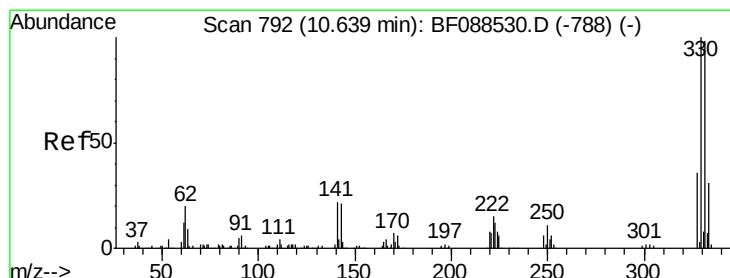
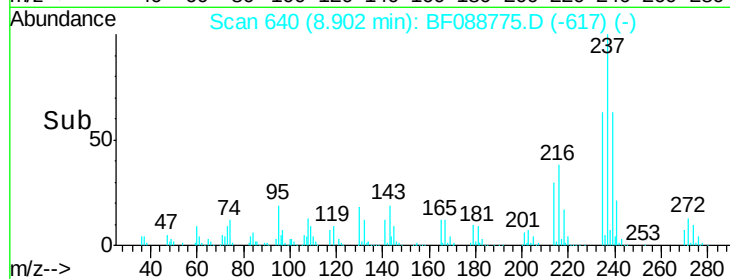
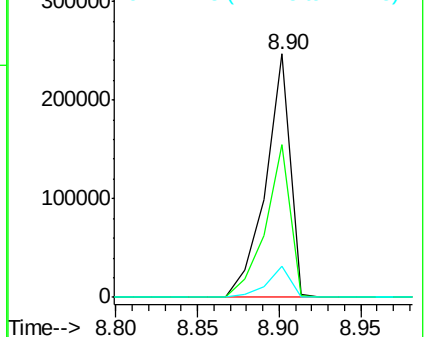
272 13.0 0.0 32.3



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: 121.93 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

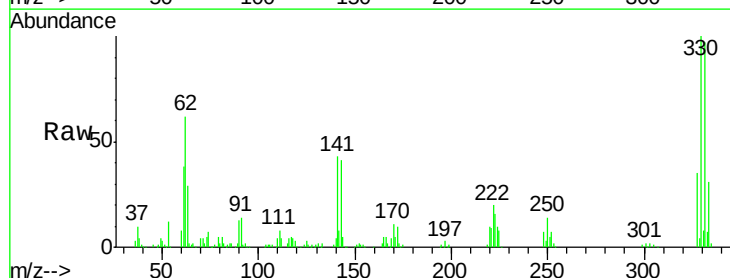
Tgt Ion:330 Resp: 232606

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

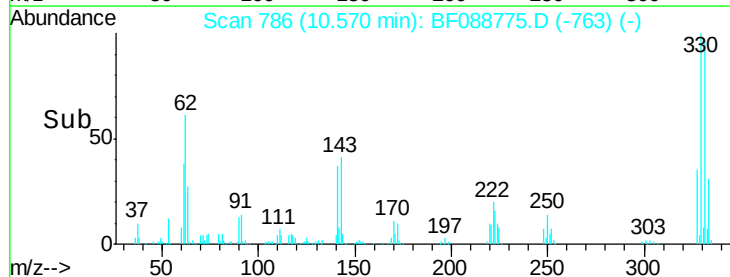
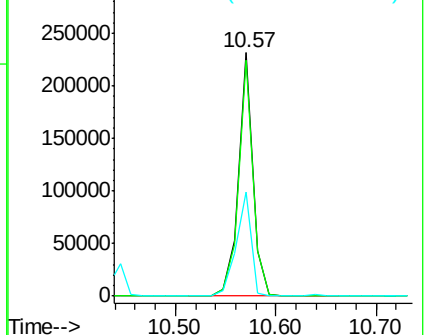
141 43.7 0.0 0.0#

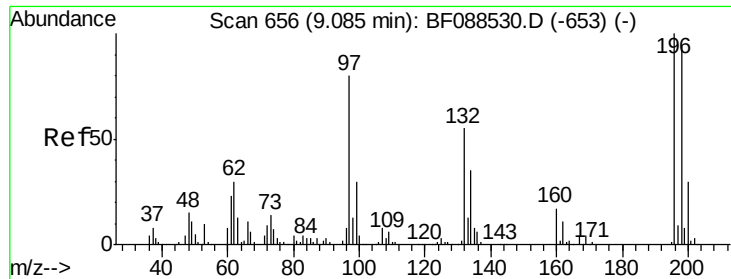


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

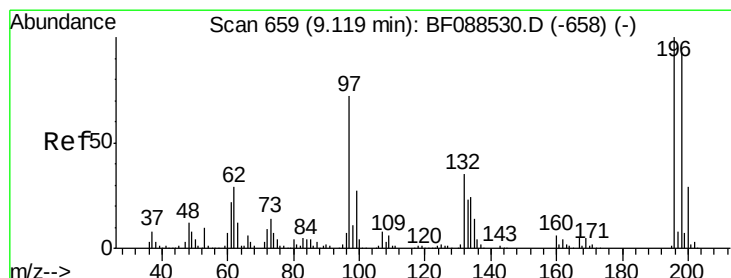
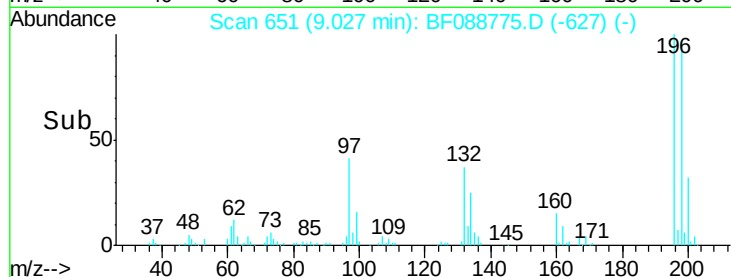
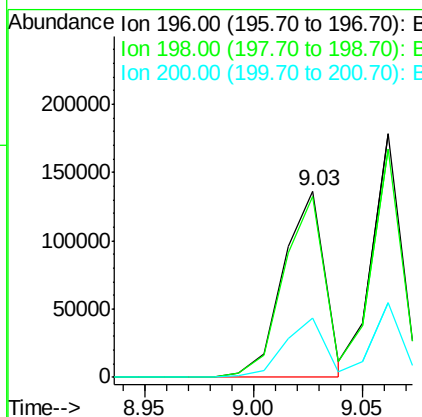
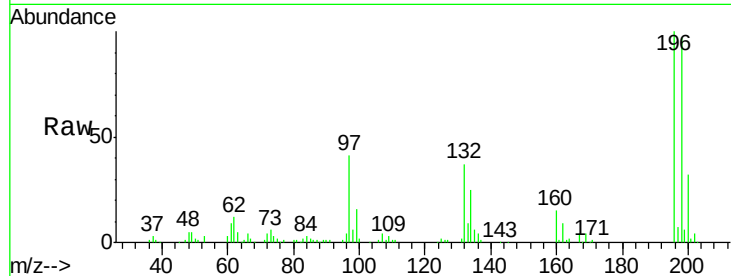




#42
 2,4,6-Trichlorophenol
 Concen: 40.22 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

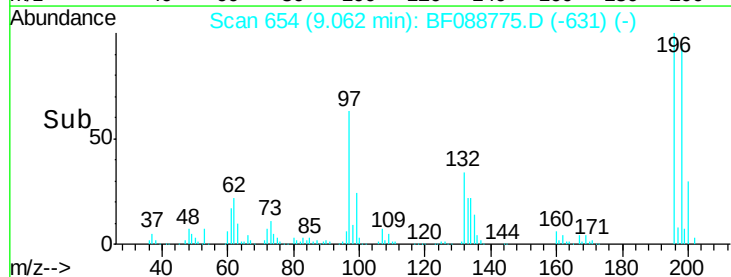
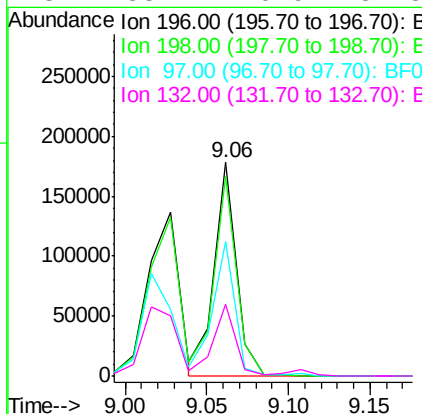
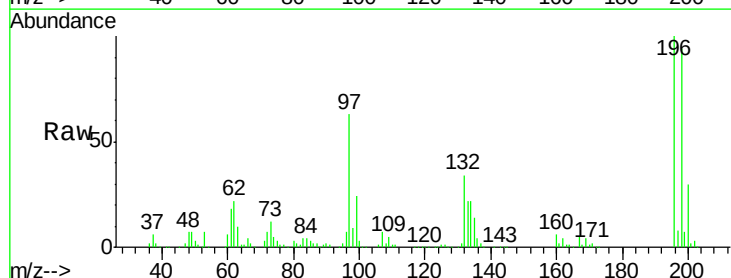
Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

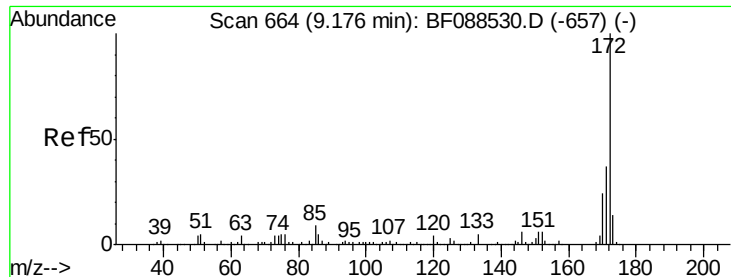
Tgt Ion:196 Resp: 181210
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.0 117.0
 200 31.8 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 43.68 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion:196 Resp: 169323
 Ion Ratio Lower Upper
 196 100
 198 93.7 77.5 116.3
 97 63.1 32.0 48.0#
 132 33.7 20.9 31.3#

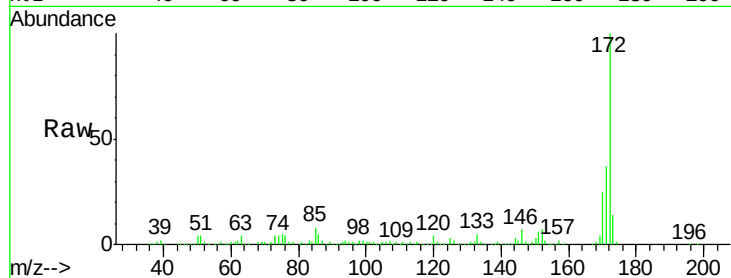




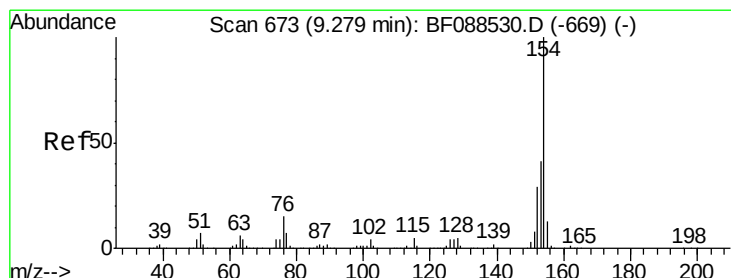
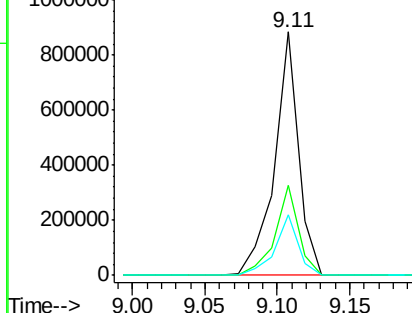
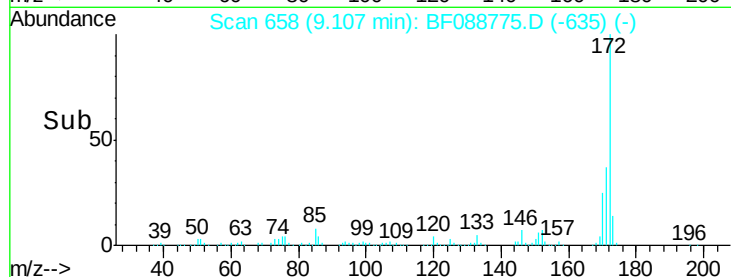
#44
2-Fluorobiphenyl
Concen: 77.98 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:172 Resp: 1014251
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.7 19.2 28.8

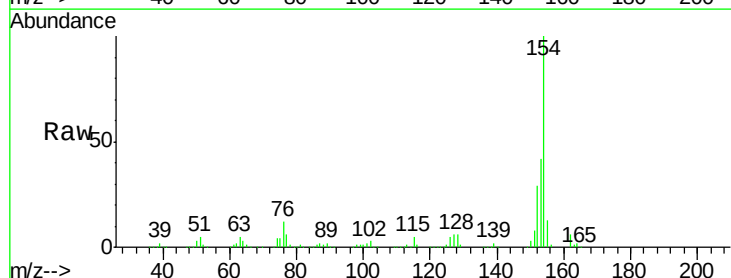


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

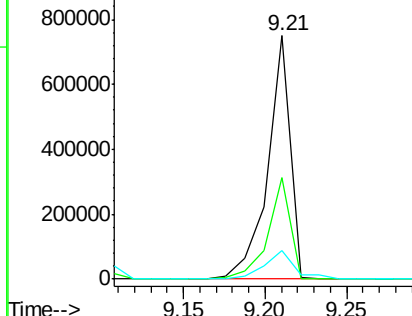
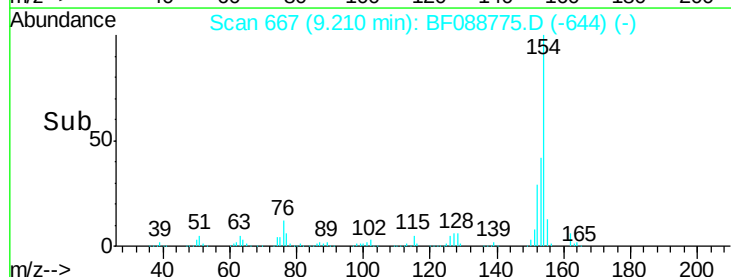


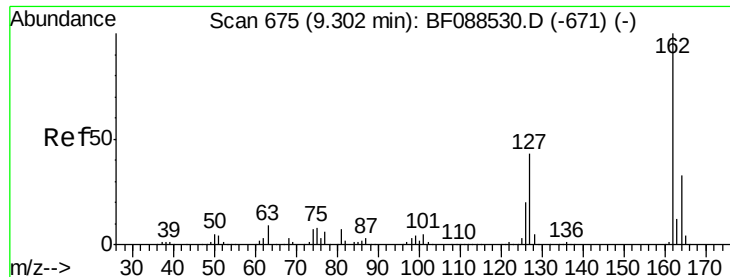
#45
1,1'-Biphenyl
Concen: 42.30 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:154 Resp: 719675
Ion Ratio Lower Upper
154 100
153 41.6 20.6 60.6
76 11.7 0.0 35.1



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

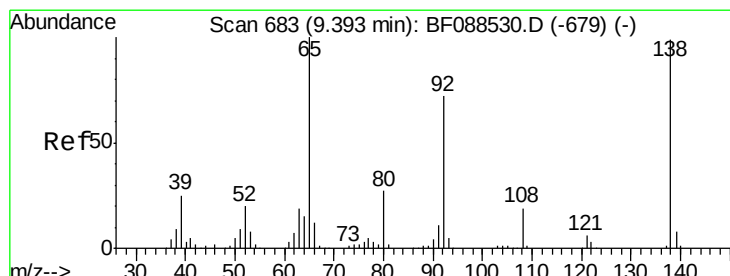
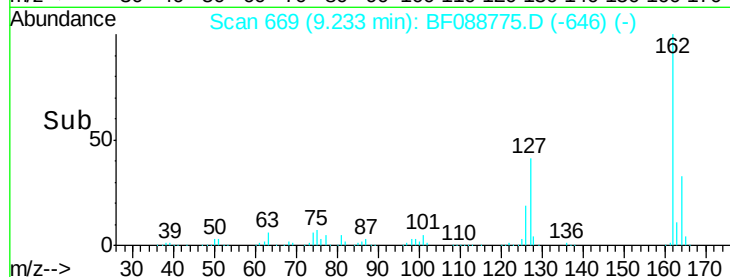
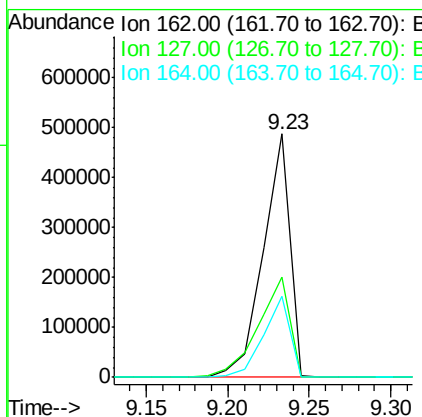
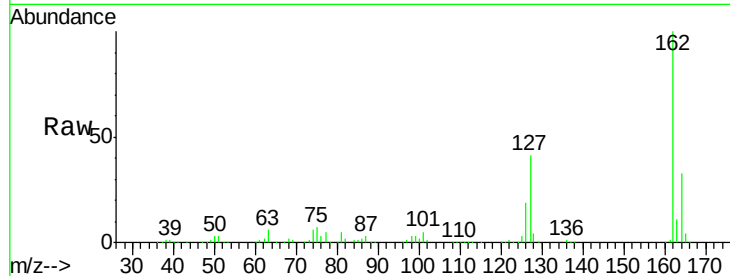




#46
 2-Chloronaphthalene
 Concen: 41.71 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

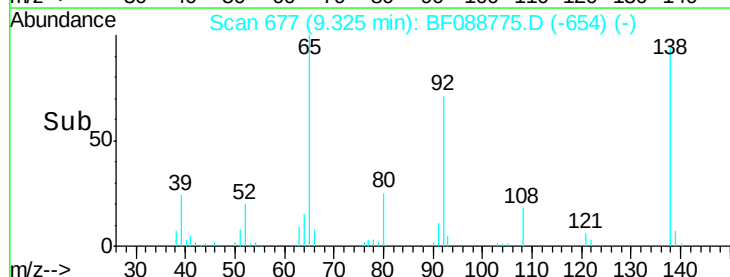
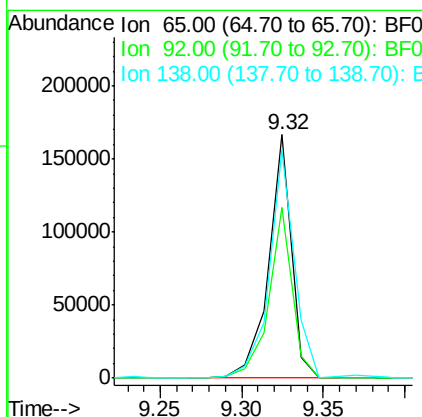
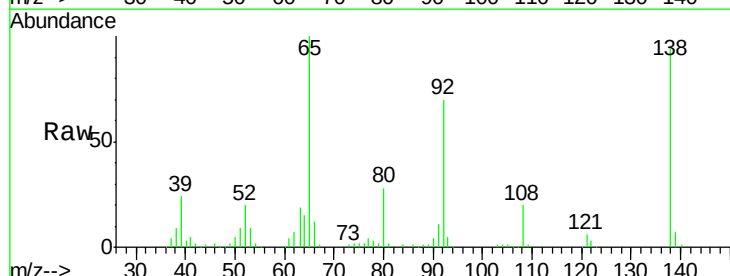
Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

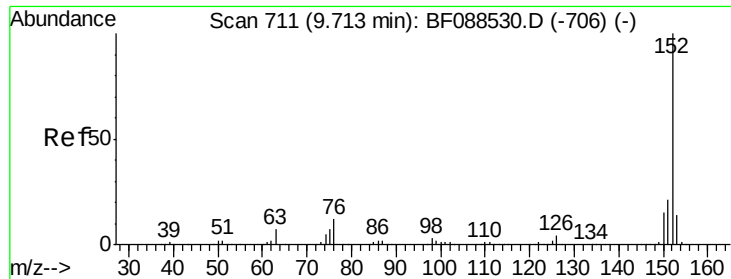
Tgt Ion: 162 Resp: 557037
 Ion Ratio Lower Upper
 162 100
 127 41.1 35.2 52.8
 164 33.3 26.6 39.8



#47
 2-Nitroaniline
 Concen: 34.46 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion: 65 Resp: 163304
 Ion Ratio Lower Upper
 65 100
 92 70.2 54.6 82.0
 138 93.6 77.0 115.4





#48

Acenaphthylene

Concen: 40.11 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

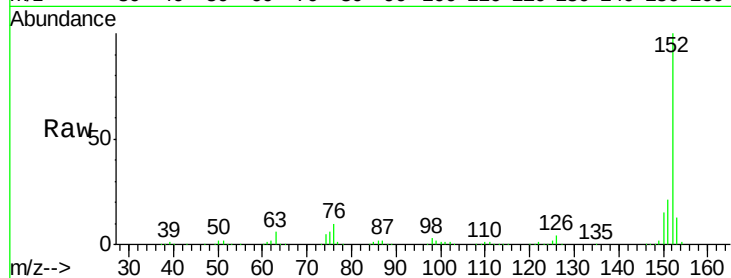
Tgt Ion:152 Resp: 852239

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

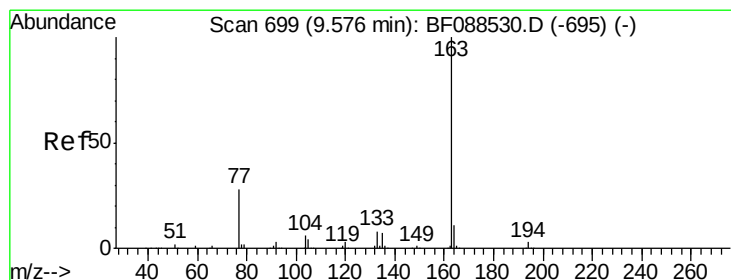
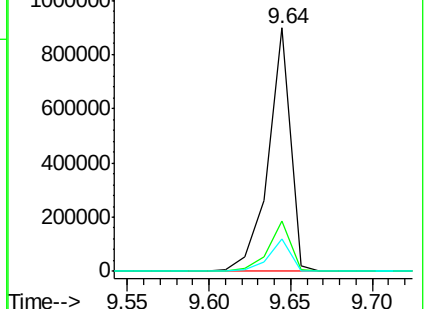
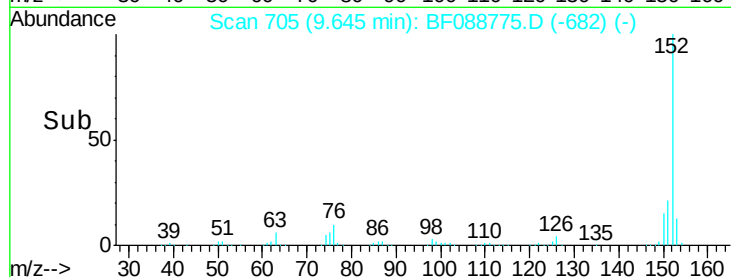
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.90 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

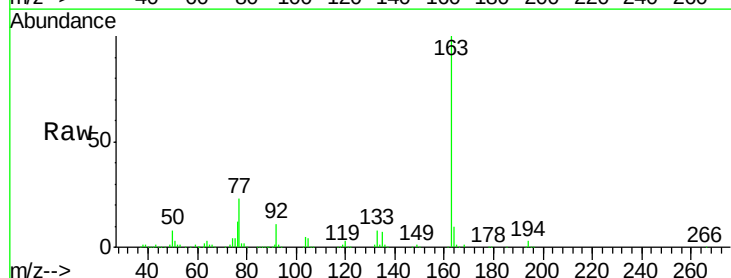
Tgt Ion:163 Resp: 642524

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

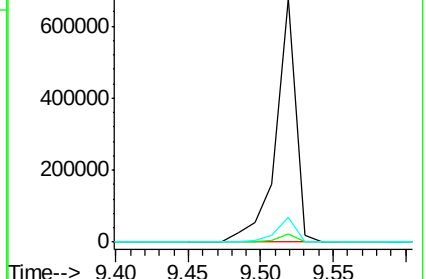
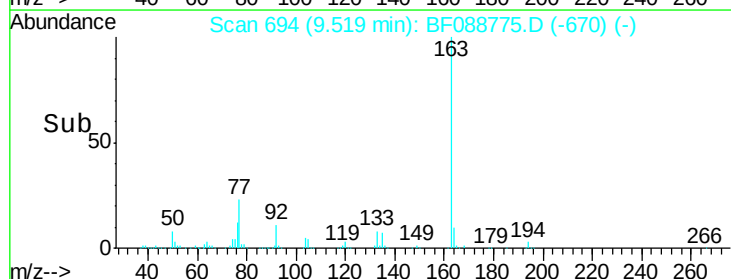
164 10.4 8.3 12.5

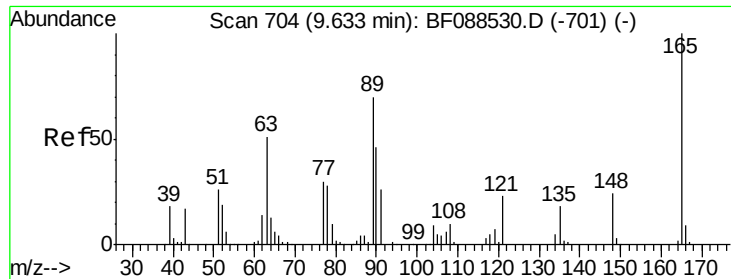


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

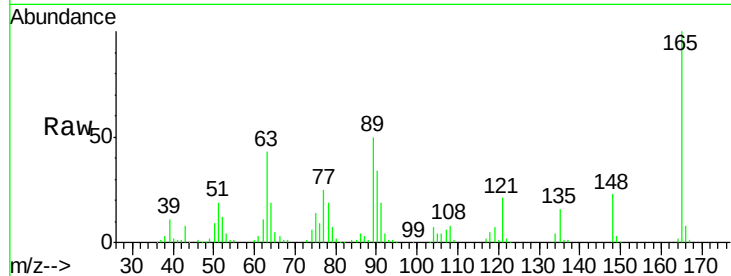




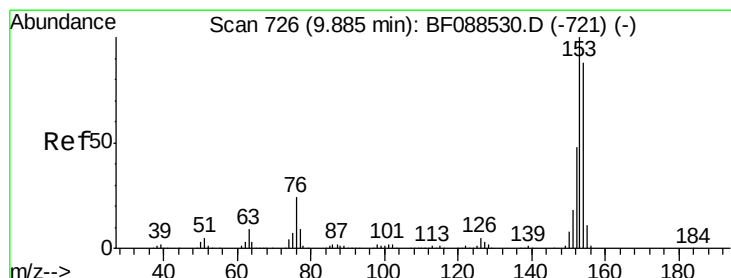
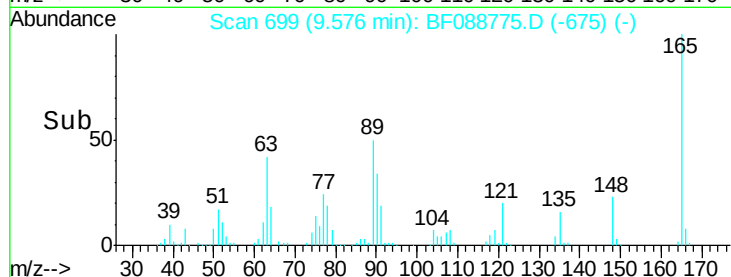
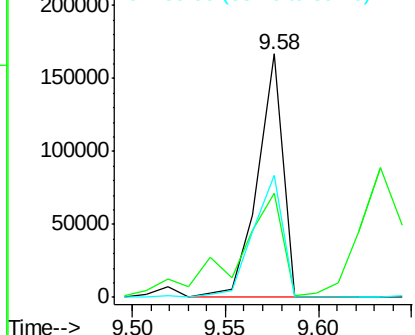
#50
 2,6-Dinitrotoluene
 Concen: 49.28 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion:165 Resp: 159872
 Ion Ratio Lower Upper
 165 100
 63 43.0 28.1 42.1#
 89 50.1 32.2 48.2#

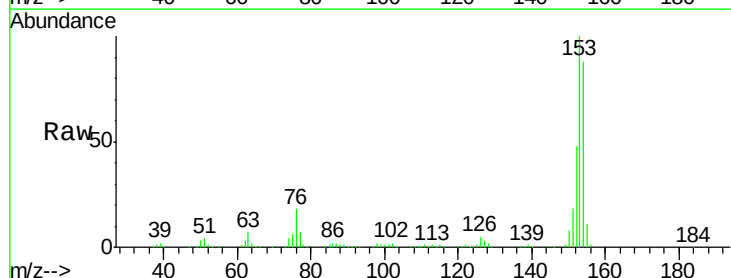


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

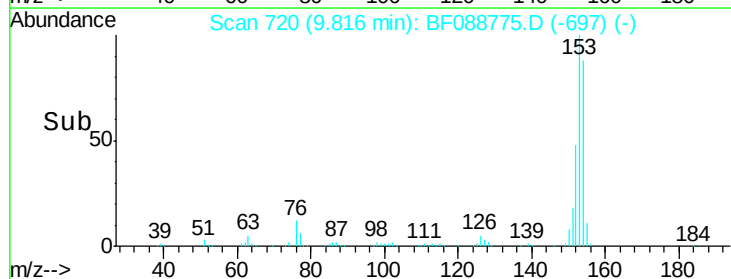
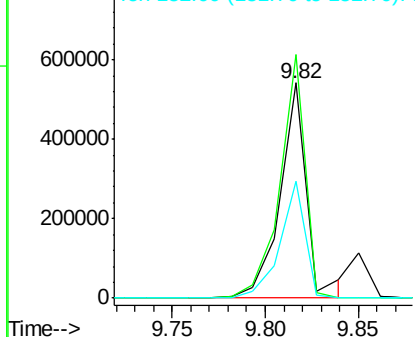


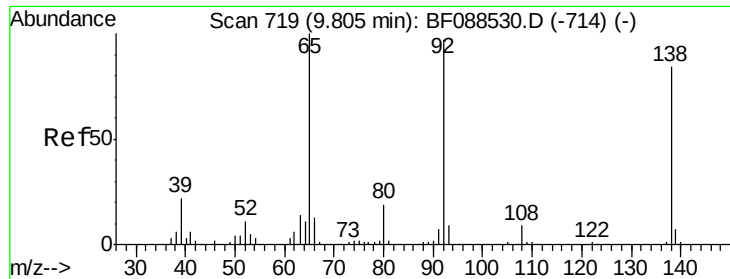
#51
 Acenaphthene
 Concen: 41.64 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion:154 Resp: 542356
 Ion Ratio Lower Upper
 154 100
 153 113.2 89.5 134.3
 152 54.3 42.7 64.1



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

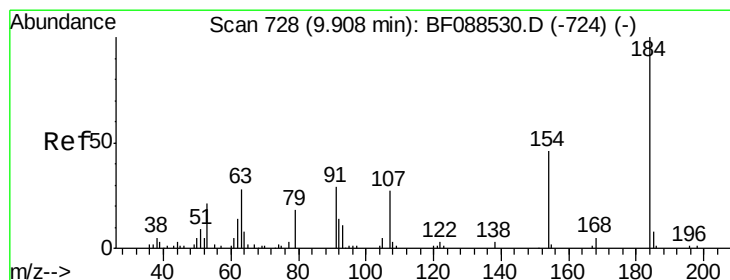
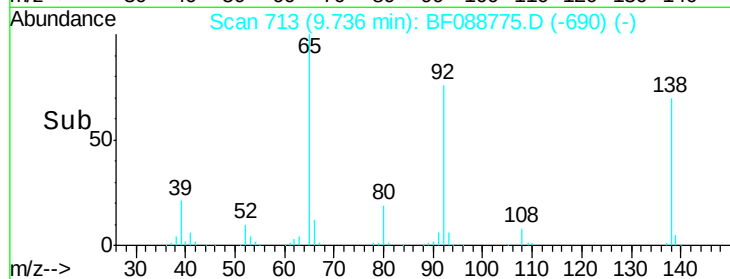
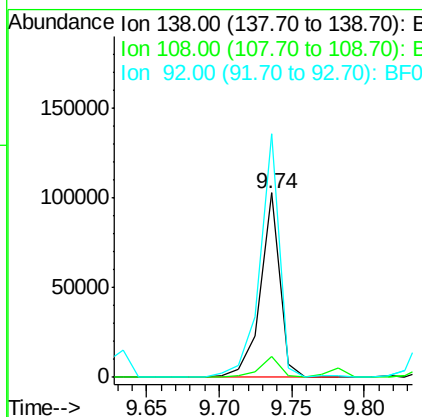
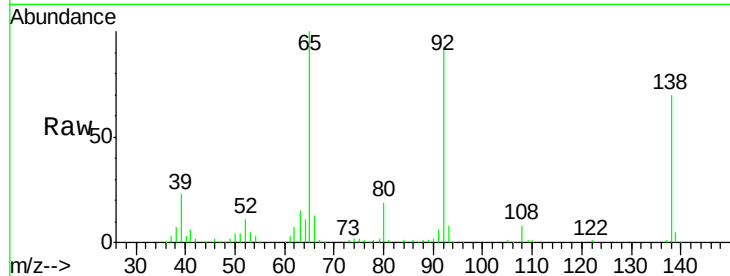




#52
 3-Nitroaniline
 Concen: 23.17 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

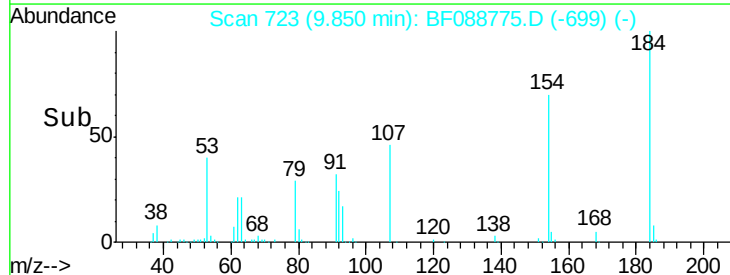
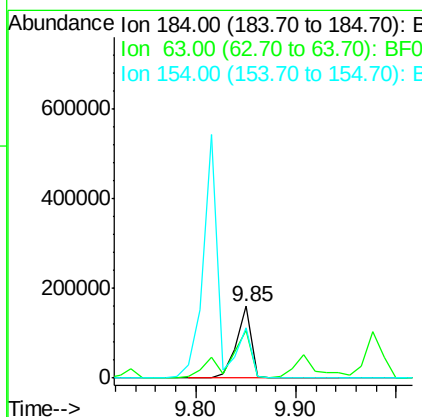
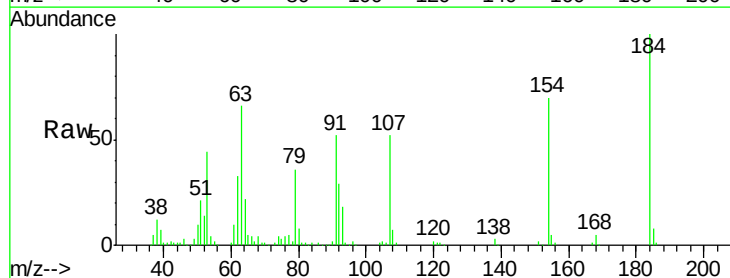
Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

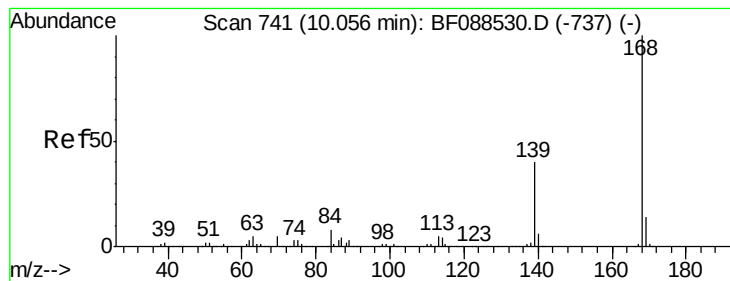
Tgt Ion:138 Resp: 95546
 Ion Ratio Lower Upper
 138 100
 108 11.7 8.5 12.7
 92 131.8 95.7 143.5



#53
 2,4-Dinitrophenol
 Concen: 116.94 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion:184 Resp: 167494
 Ion Ratio Lower Upper
 184 100
 63 66.0 57.6 86.4
 154 70.4 53.5 80.3





#54

Dibenzofuran

Concen: 41.25 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

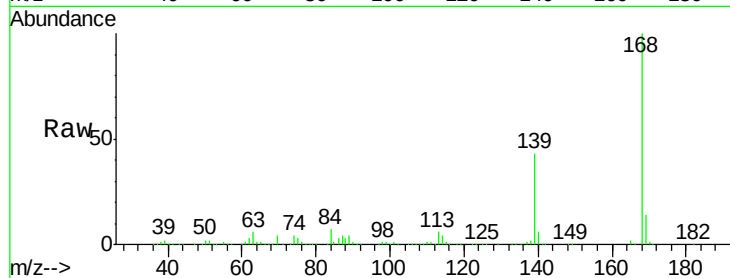
Tgt Ion:168 Resp: 703274

Ion Ratio Lower Upper

168 100

139 42.9 26.4 39.6#

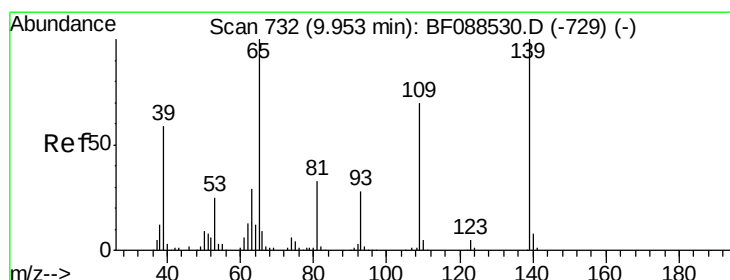
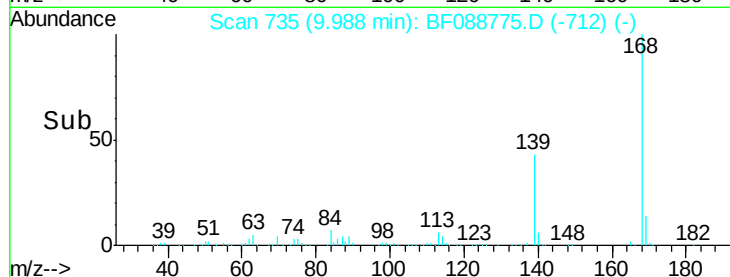
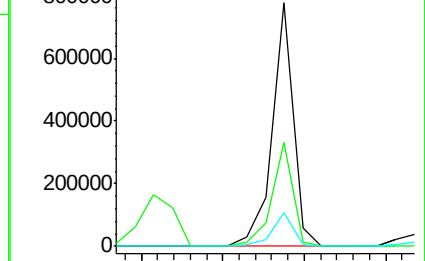
169 13.8 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 80.30 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

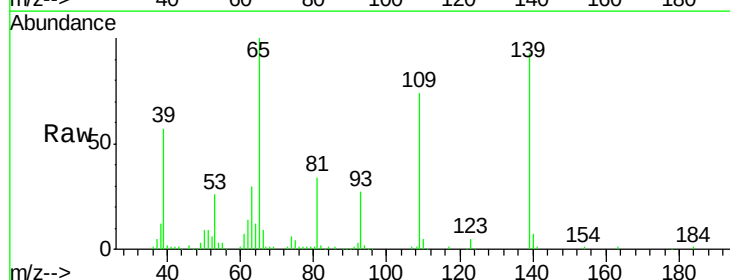
Tgt Ion:139 Resp: 251624

Ion Ratio Lower Upper

139 100

109 79.1 48.9 88.9

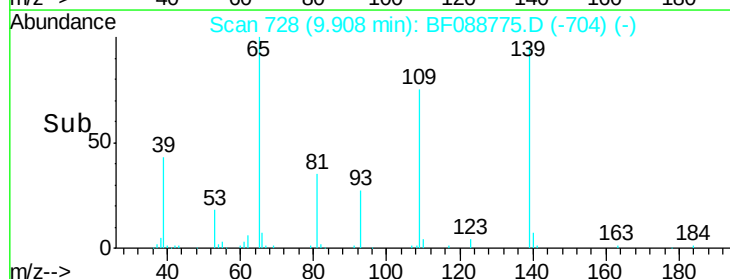
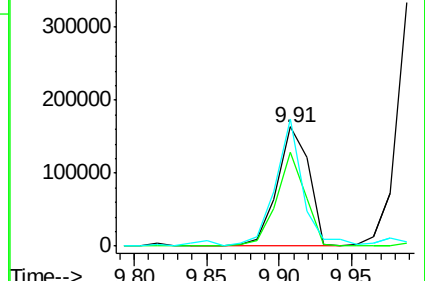
65 107.0 84.9 124.9

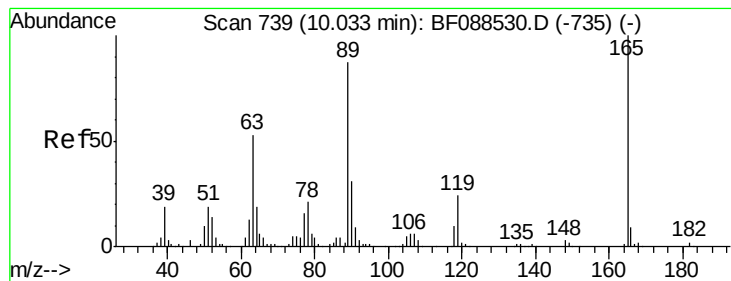


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 40.03 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tgt Ion:165 Resp: 169788

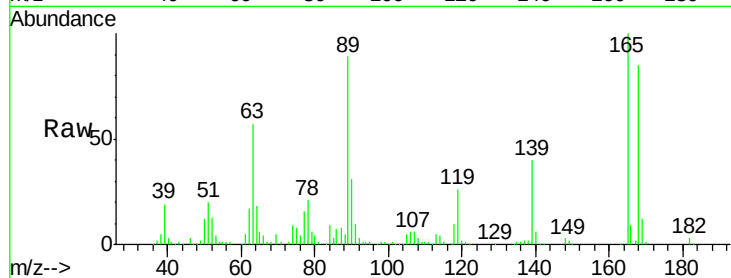
Ion Ratio Lower Upper

165 100

63 56.8 22.0 33.0#

89 88.6 41.1 61.7#

182 2.6 2.0 3.0

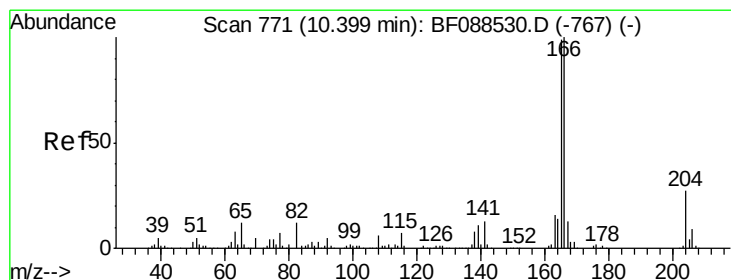
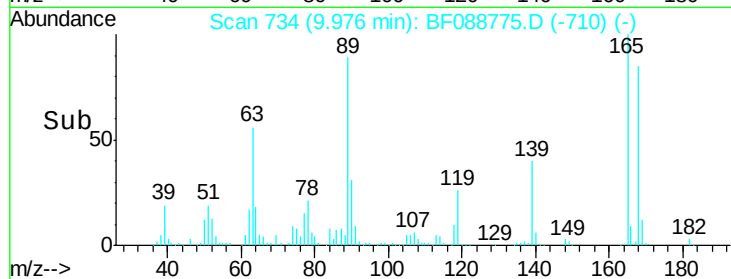
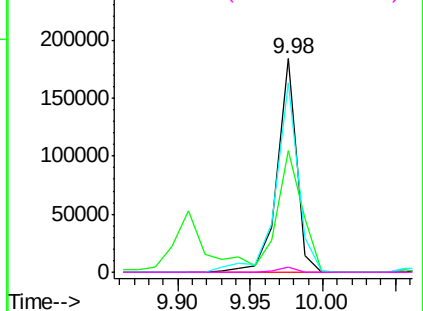


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 45.10 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

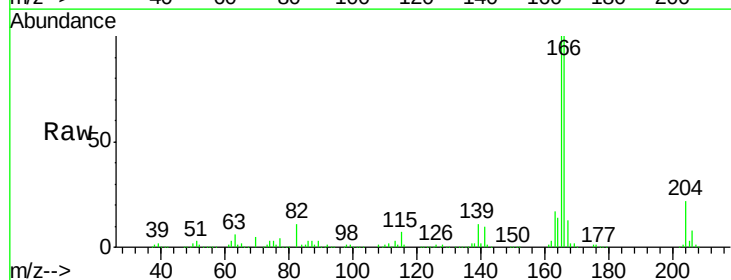
Tgt Ion:166 Resp: 592537

Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.8

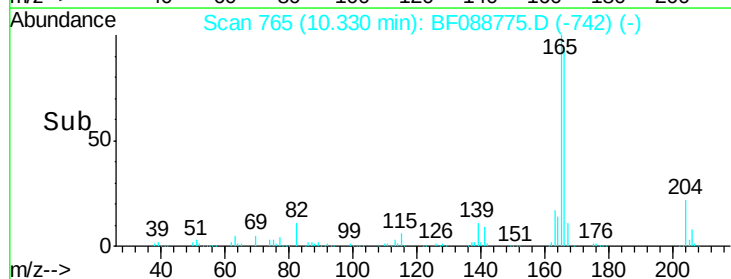
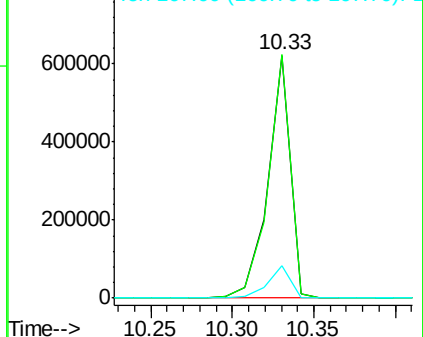
167 13.5 11.2 16.8

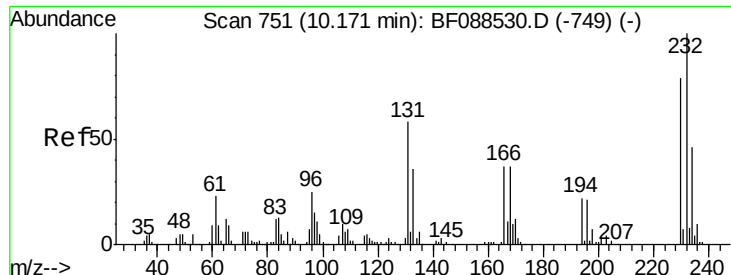


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

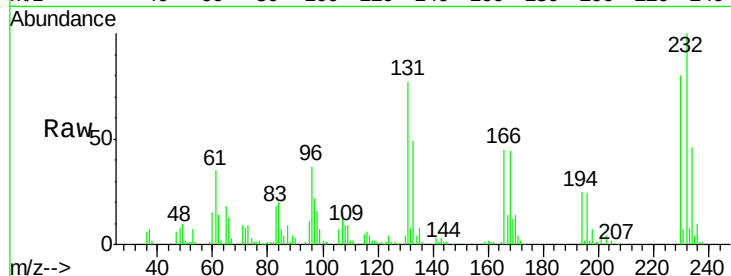




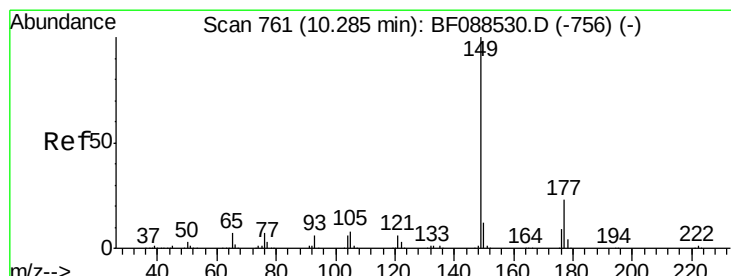
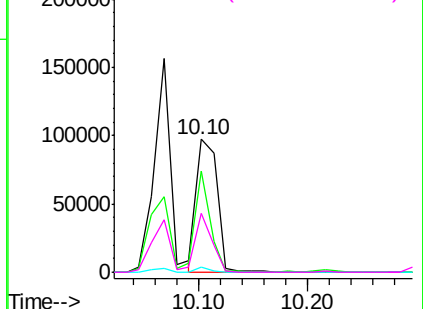
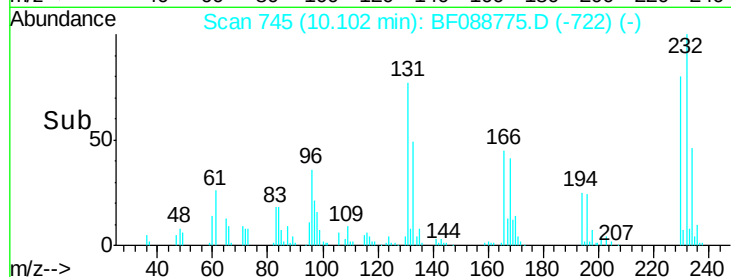
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.87 ng
 RT: 10.10 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

Tgt Ion: 232 Resp: 131560
 Ion Ratio Lower Upper
 232 100
 131 55.7 0.9 1.3#
 130 2.7 1.5 2.3#
 166 35.6 0.5 0.7#

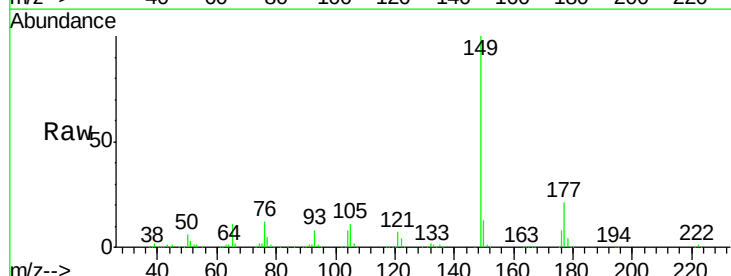


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

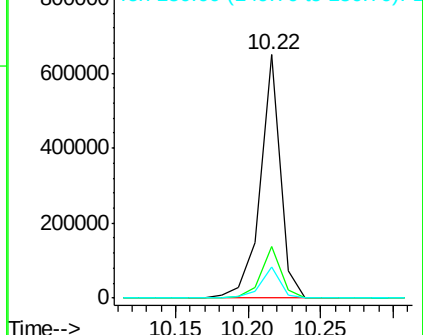
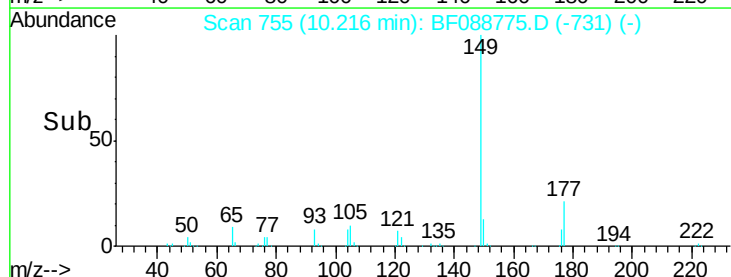


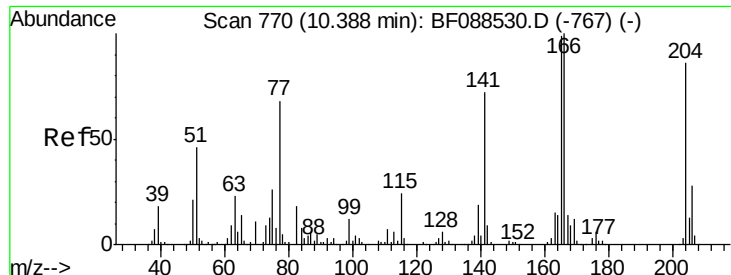
#59
 Diethylphthalate
 Concen: 42.27 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion: 149 Resp: 620947
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.9 25.3
 150 12.8 10.1 15.1



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

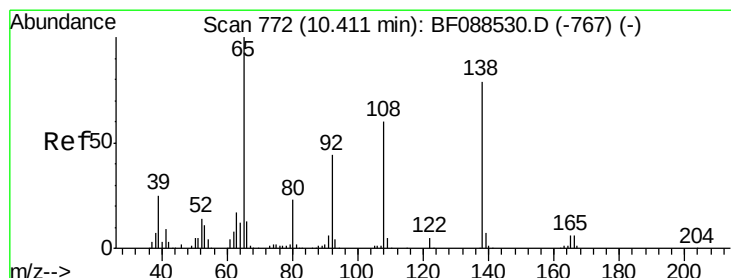
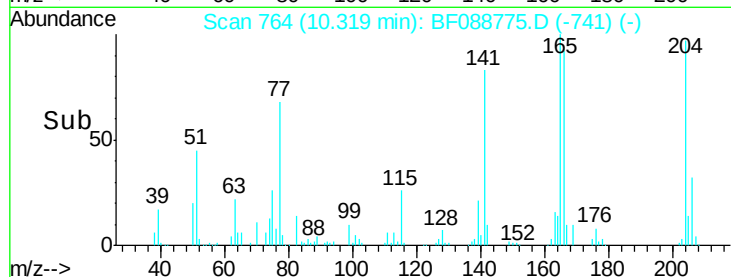
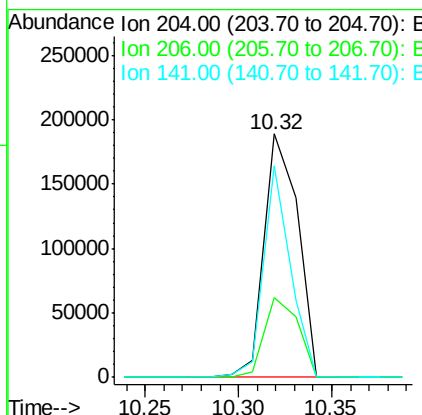
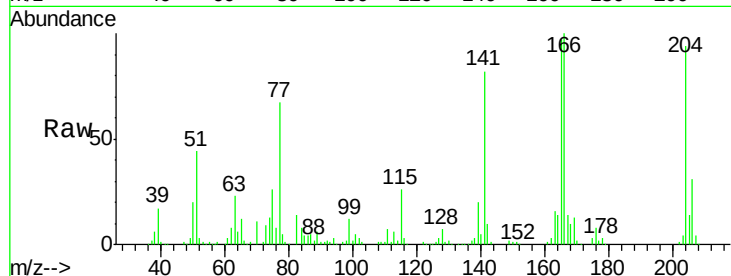




#60
 4-Chlorophenyl-phenylether
 Concen: 38.60 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

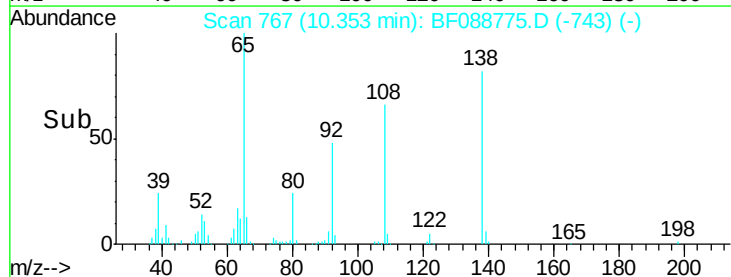
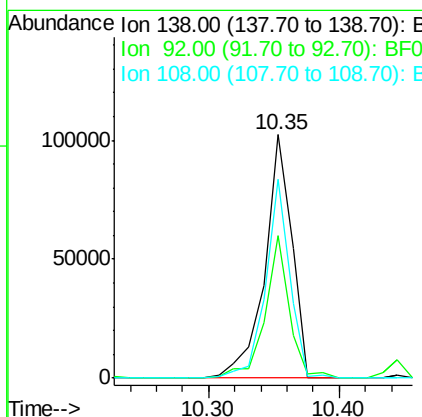
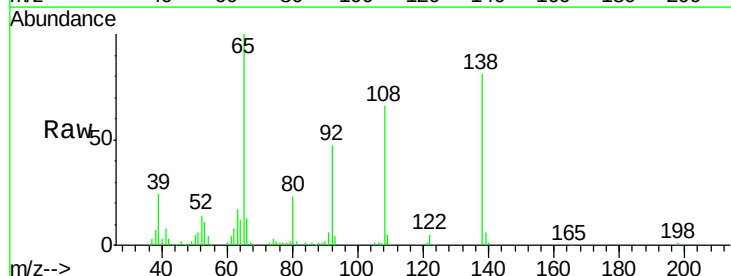
Instrument :
 BNA_F
 ClientSampleId :
 PB91776BS

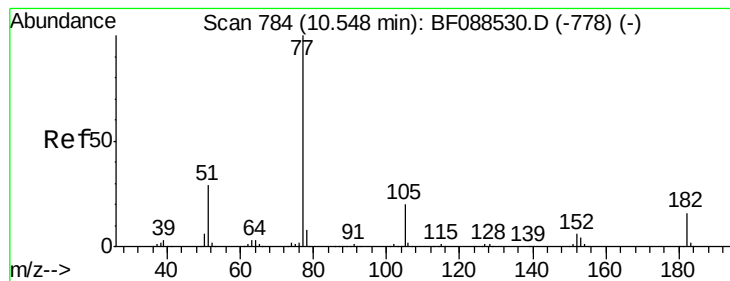
Tgt Ion:204 Resp: 235625
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.3 39.5
 141 86.8 55.0 82.6#



#61
 4-Nitroaniline
 Concen: 37.56 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion:138 Resp: 149028
 Ion Ratio Lower Upper
 138 100
 92 58.3 27.3 67.3
 108 81.4 46.7 86.7





#62

Azobenzene

Concen: 41.46 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

Tgt Ion: 77 Resp: 694624

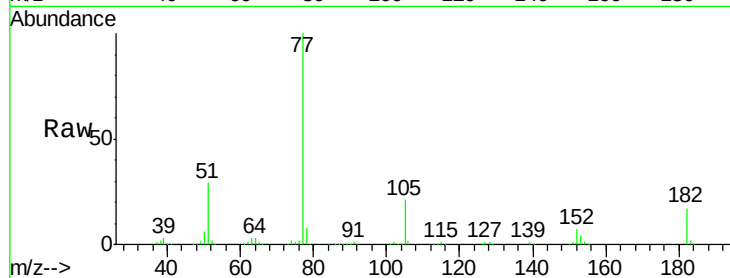
Ion Ratio Lower Upper

77 100

182 17.3 4.4 44.4

105 21.2 3.8 43.8

51 28.8 9.3 49.3

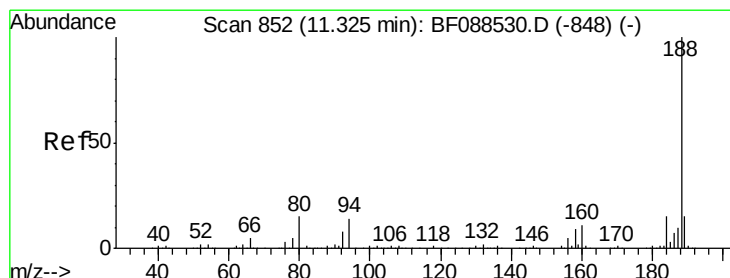
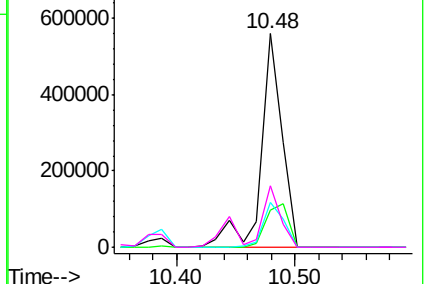
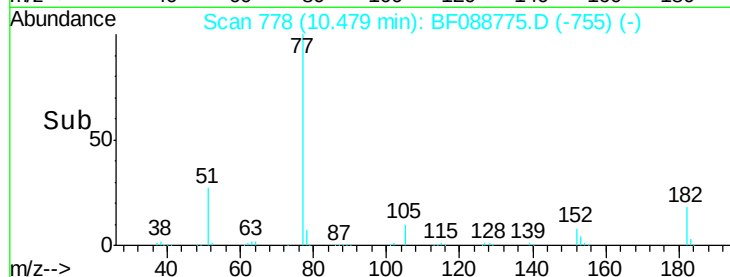


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

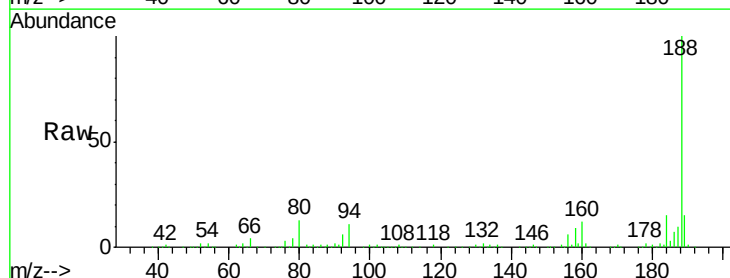
Tgt Ion: 188 Resp: 374370

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

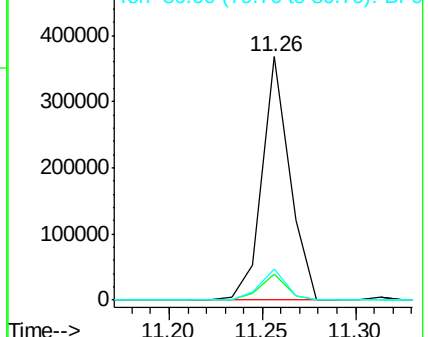
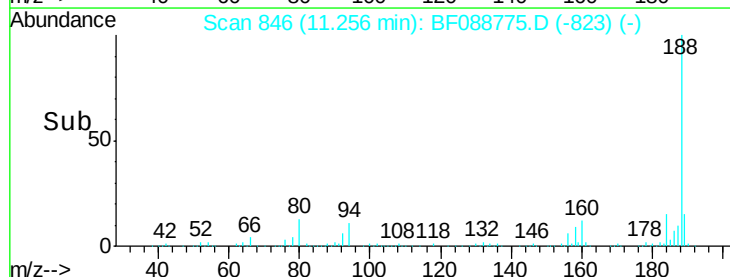
80 12.6 10.0 15.0

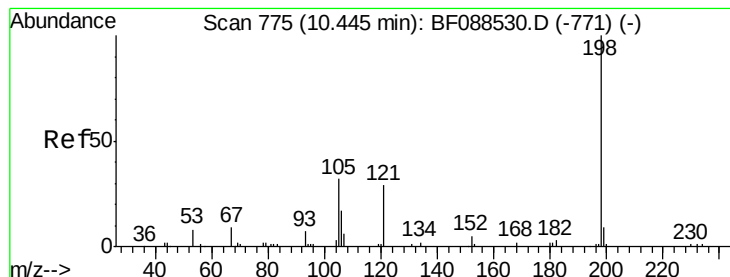


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 56.69 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

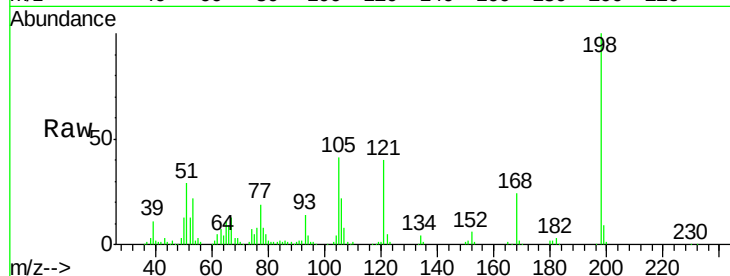
Tgt Ion:198 Resp: 113522

Ion Ratio Lower Upper

198 100

51 29.2 39.6 79.6#

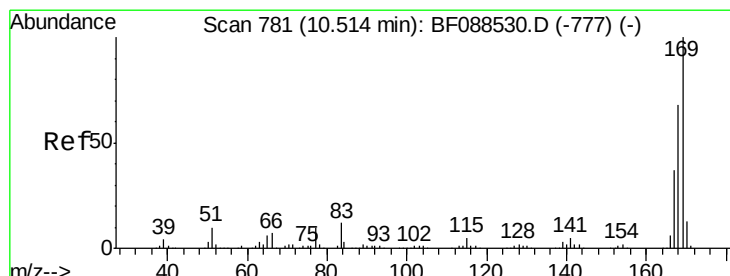
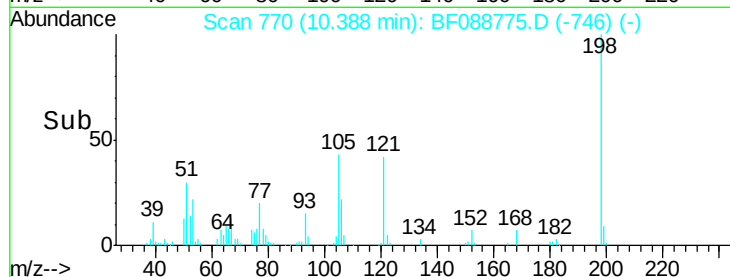
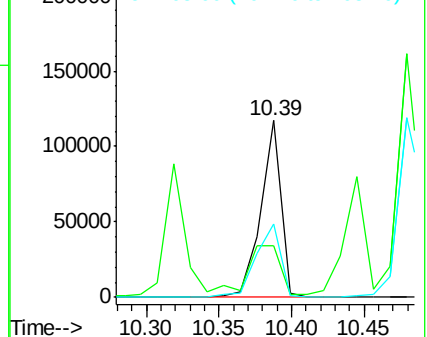
105 41.5 36.6 76.6



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: 39.08 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

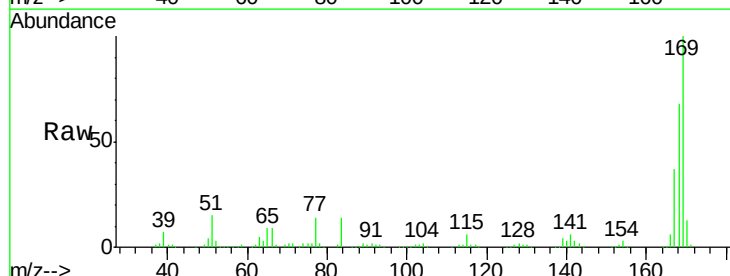
Tgt Ion:169 Resp: 495122

Ion Ratio Lower Upper

169 100

168 67.8 53.4 80.0

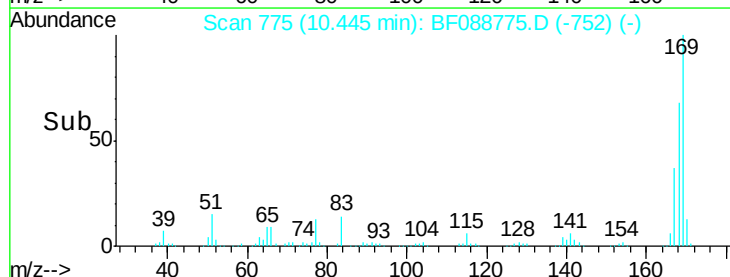
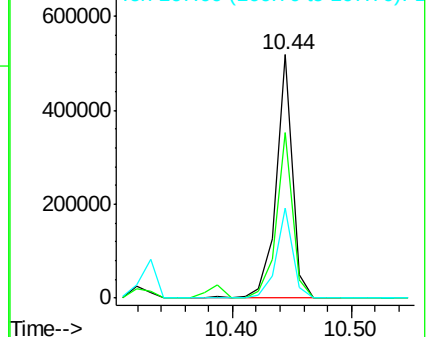
167 37.1 29.4 44.0

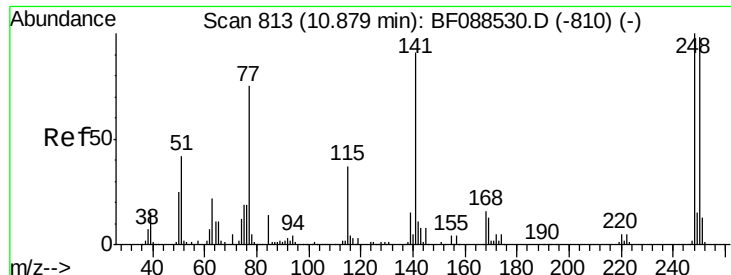


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

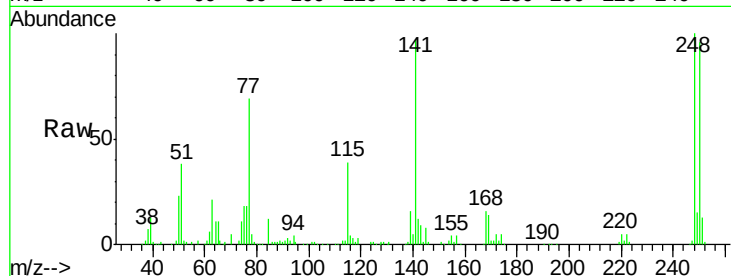




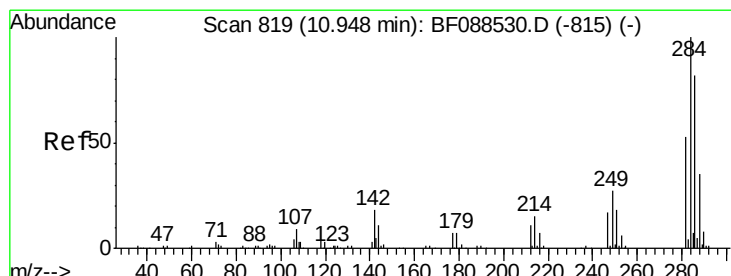
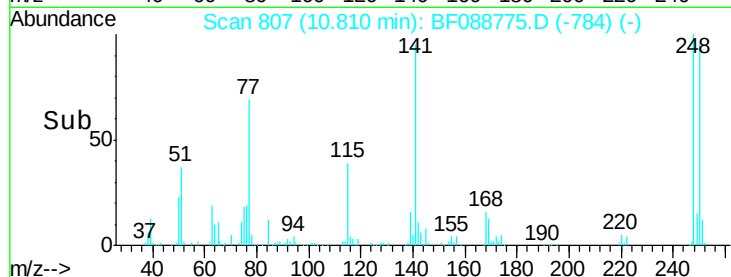
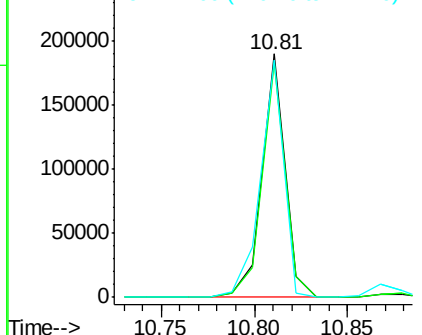
#66
4-Bromophenyl-phenylether
Concen: 42.68 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:248 Resp: 161009
Ion Ratio Lower Upper
248 100
250 96.2 77.1 115.7
141 97.3 50.6 76.0#

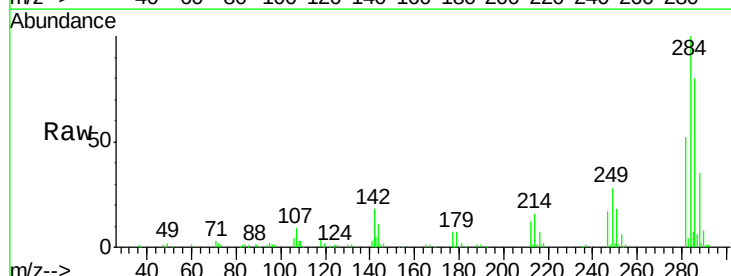


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

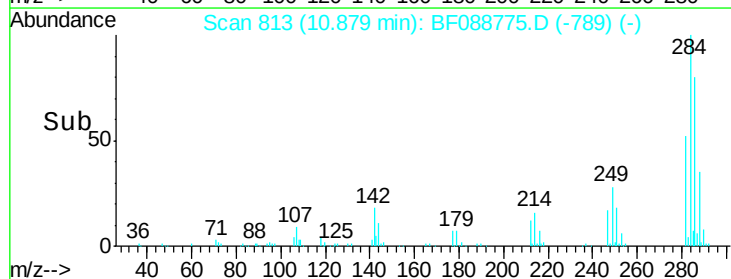
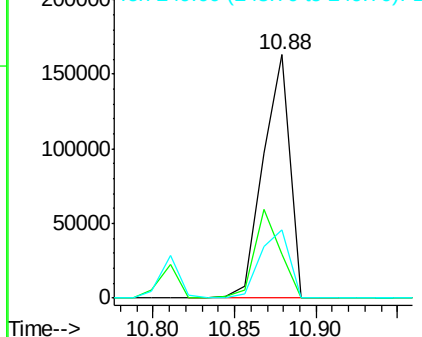


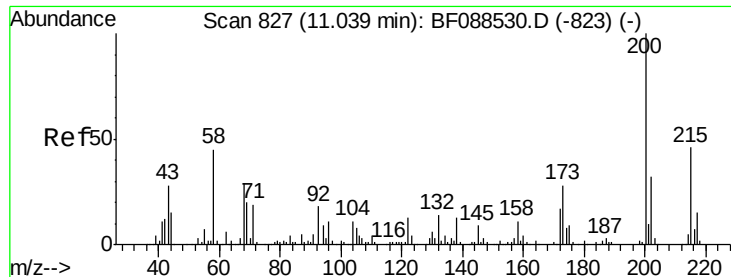
#67
Hexachlorobenzene
Concen: 44.26 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:284 Resp: 184847
Ion Ratio Lower Upper
284 100
142 18.2 35.8 53.8#
249 27.9 25.8 38.6



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

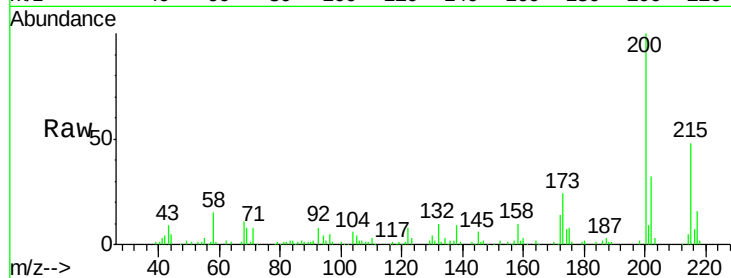




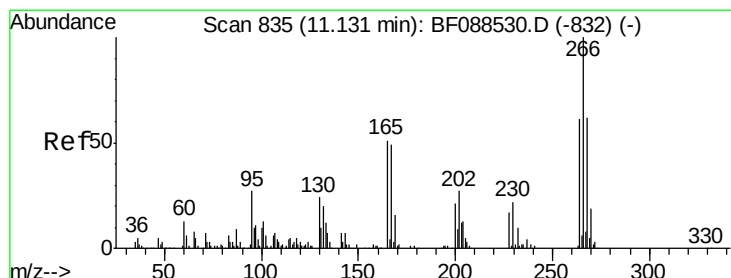
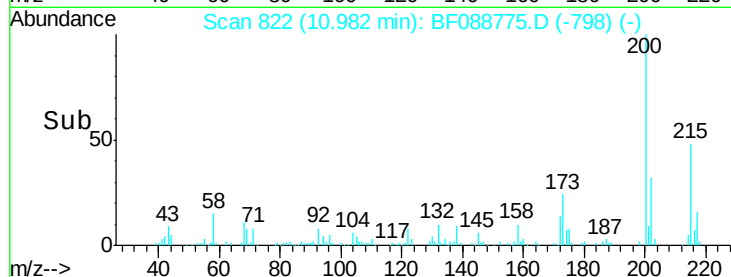
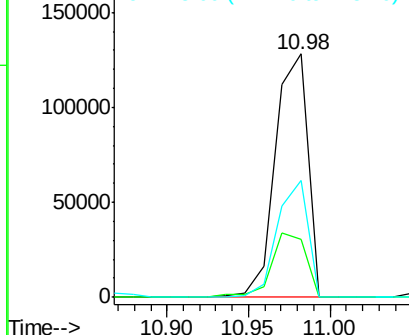
#68
Atrazine
Concen: 45.17 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion:200 Resp: 178326
Ion Ratio Lower Upper
200 100
173 23.7 4.0 44.0
215 48.1 29.3 69.3

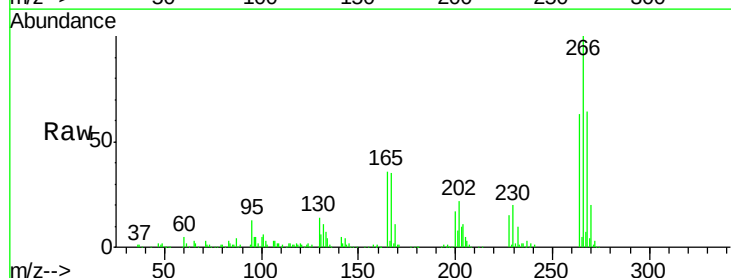


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

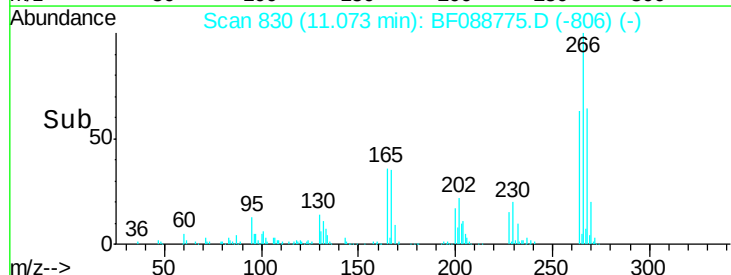
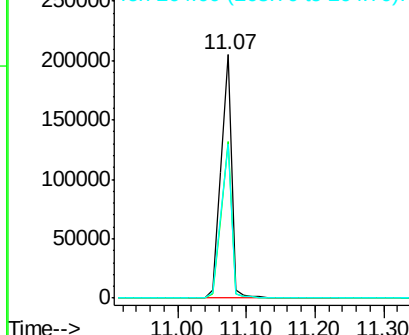


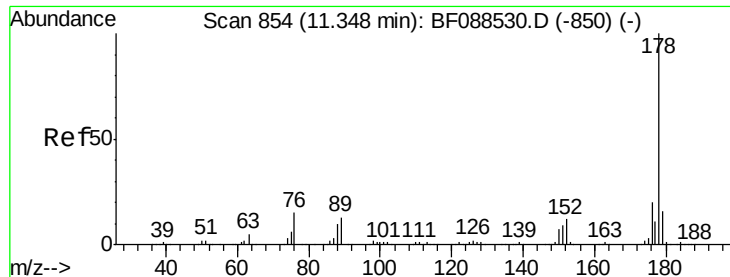
#69
Pentachlorophenol
Concen: 92.18 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:266 Resp: 227819
Ion Ratio Lower Upper
266 100
268 64.2 52.8 79.2
264 63.1 49.6 74.4



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

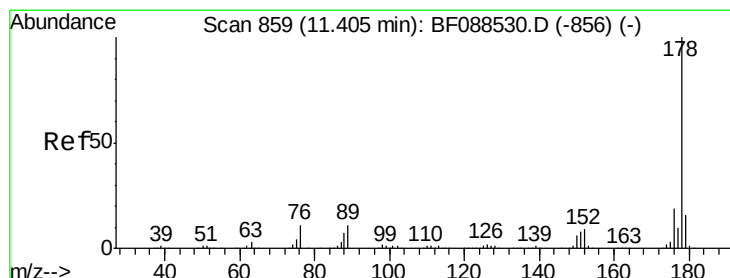
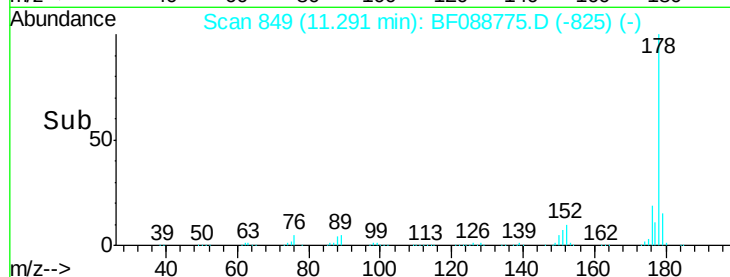
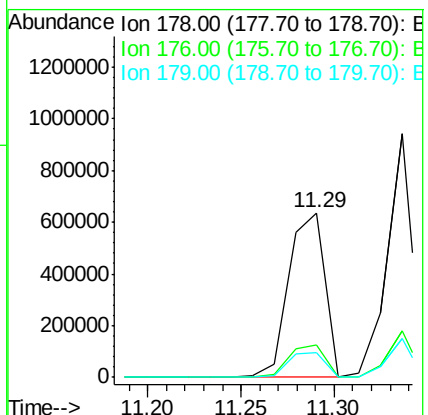
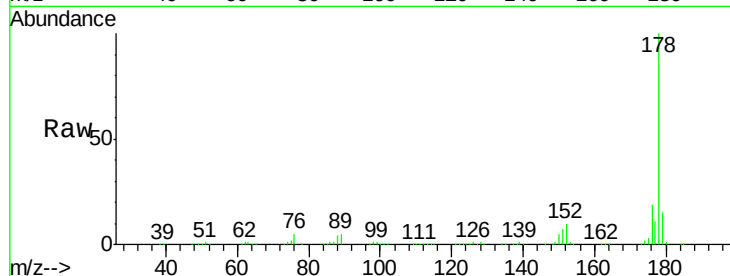




#70
Phenanthrene
Concen: 42.13 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

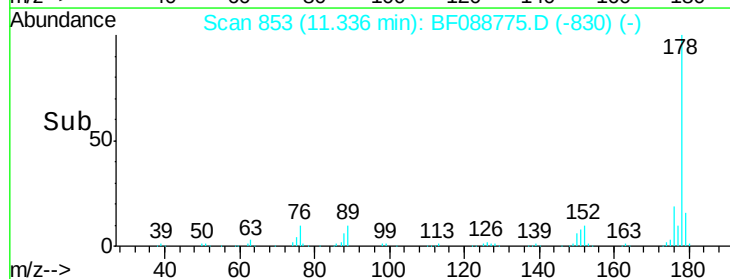
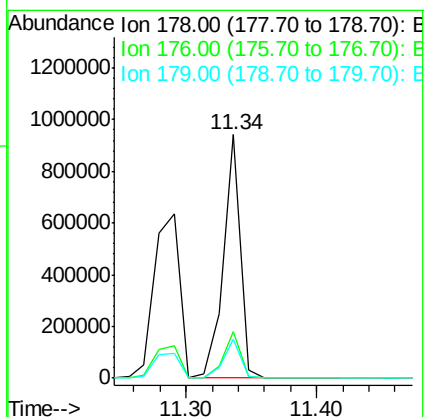
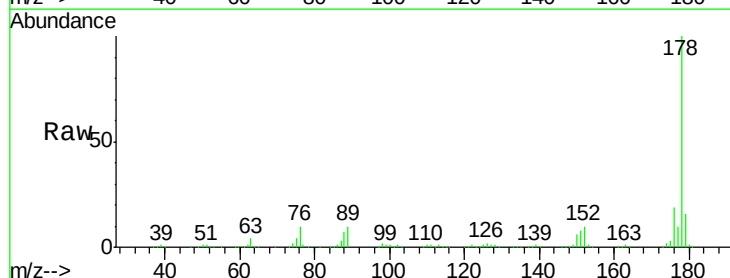
Instrument :
BNA_F
ClientSampleId :
PB91776BS

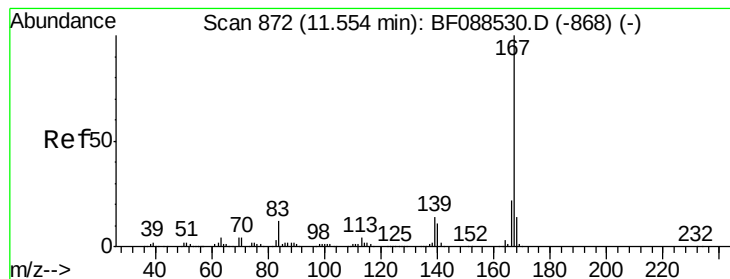
Tgt Ion:178 Resp: 862258
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.0 13.0 19.4



#71
Anthracene
Concen: 41.80 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:178 Resp: 850643
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.9 12.8 19.2





#72

Carbazole

Concen: 42.48 ng

RT: 11.48 min Scan# 866

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

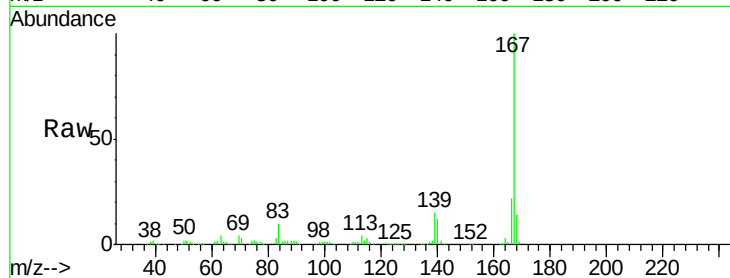
Tgt Ion:167 Resp: 813505

Ion Ratio Lower Upper

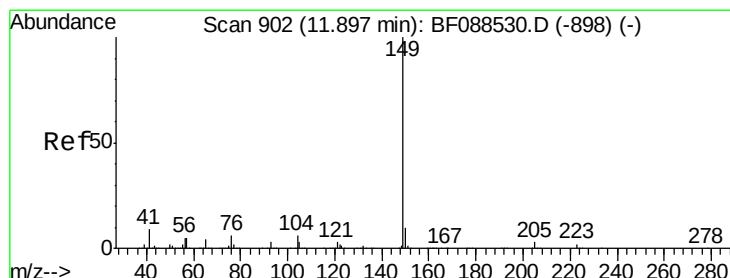
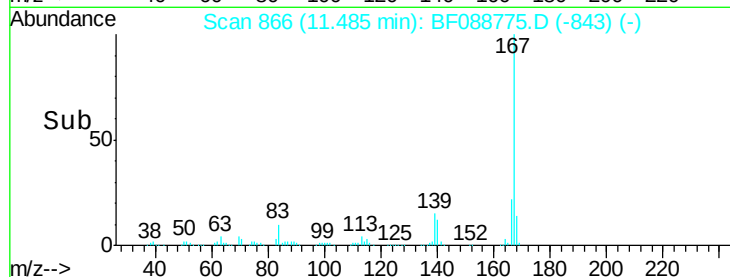
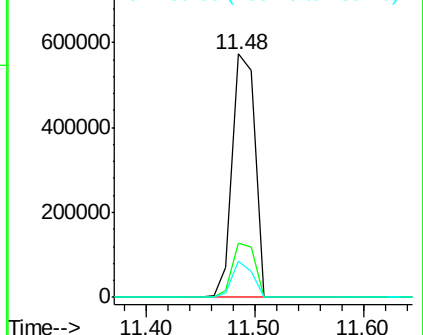
167 100

166 22.1 17.8 26.6

139 14.8 11.2 16.8



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: 40.82 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

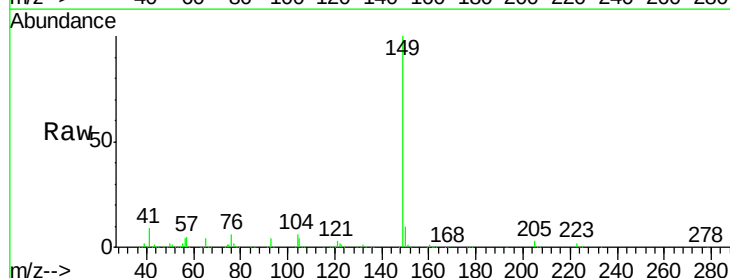
Tgt Ion:149 Resp: 909282

Ion Ratio Lower Upper

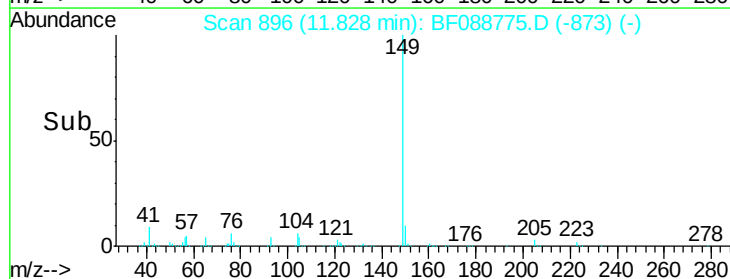
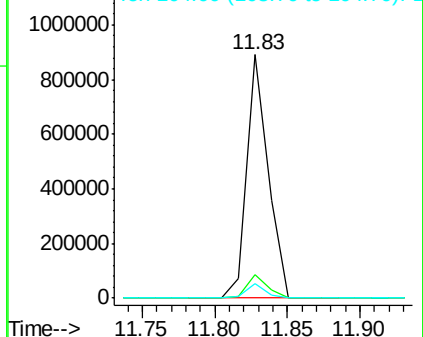
149 100

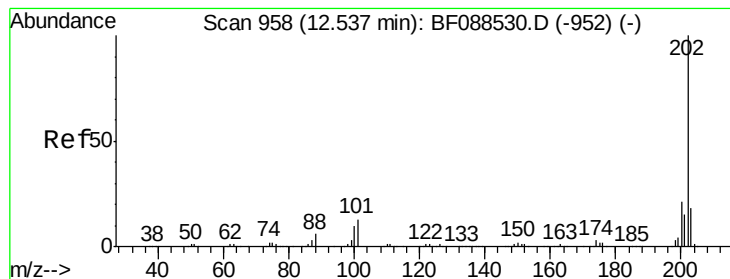
150 9.8 7.8 11.6

104 6.1 4.0 6.0#



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: 46.22 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

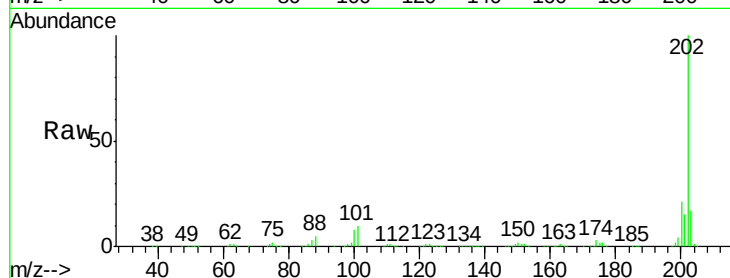
Tgt Ion: 202 Resp: 958827

Ion Ratio Lower Upper

202 100

101 9.7 0.0 33.1

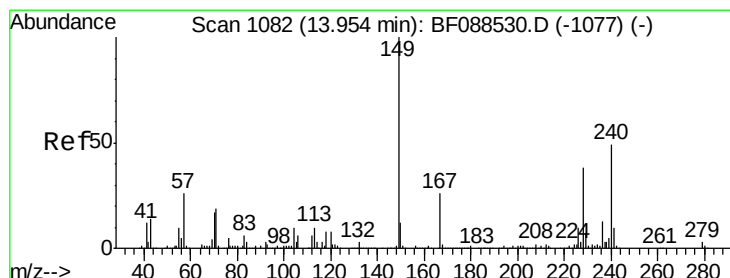
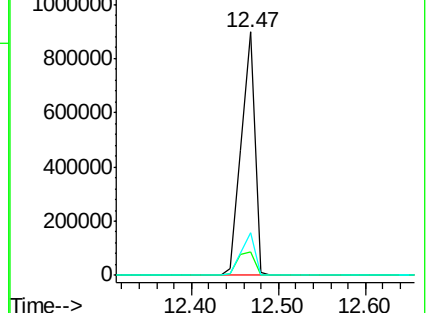
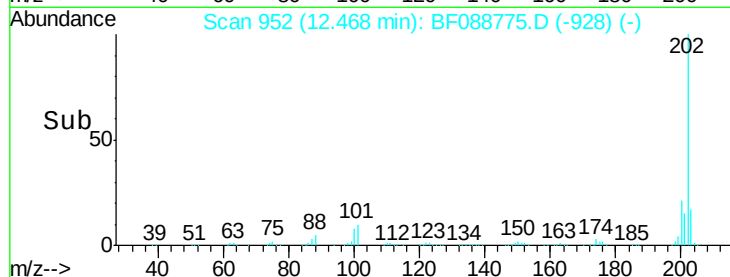
203 17.4 0.0 38.1



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: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

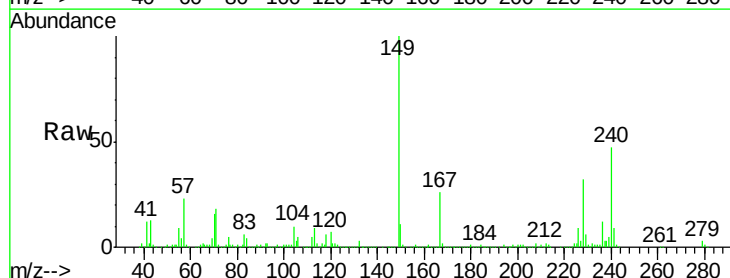
Tgt Ion: 240 Resp: 271128

Ion Ratio Lower Upper

240 100

120 14.3 6.8 10.2#

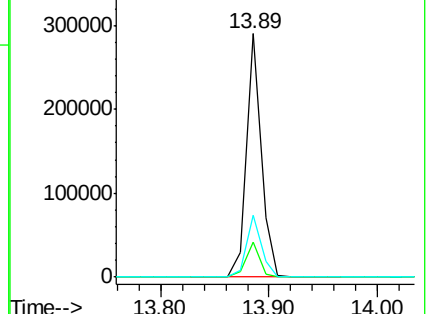
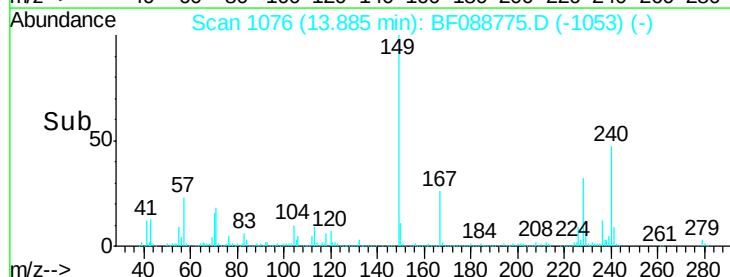
236 25.5 20.2 30.2

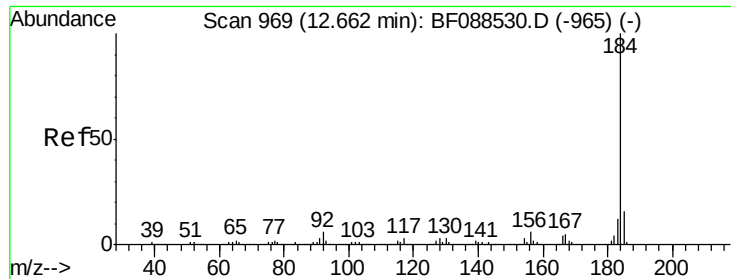


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 40.61 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

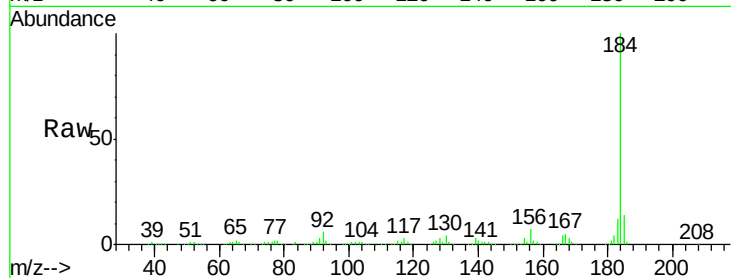
Tgt Ion:184 Resp: 556594

Ion Ratio Lower Upper

184 100

185 14.1 12.5 18.7

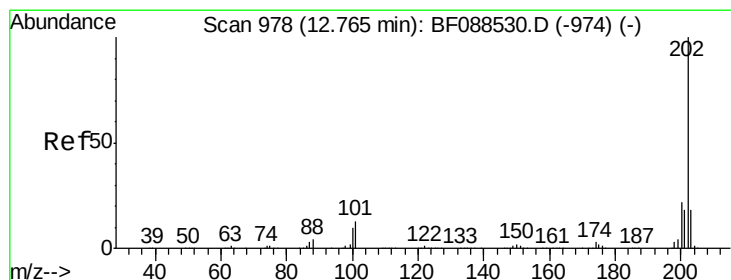
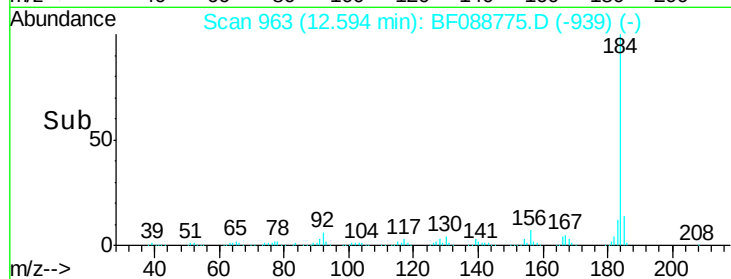
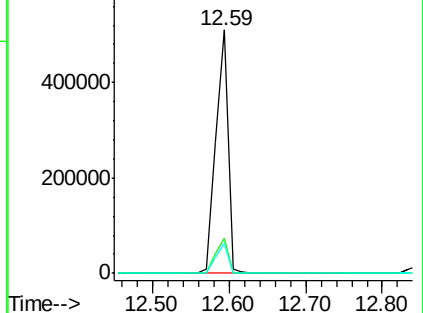
183 12.2 9.3 13.9



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: 40.94 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

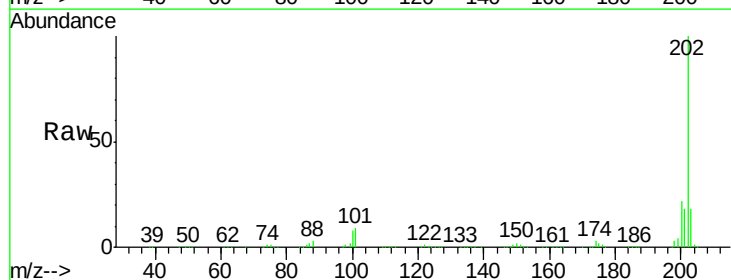
Tgt Ion:202 Resp: 941072

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

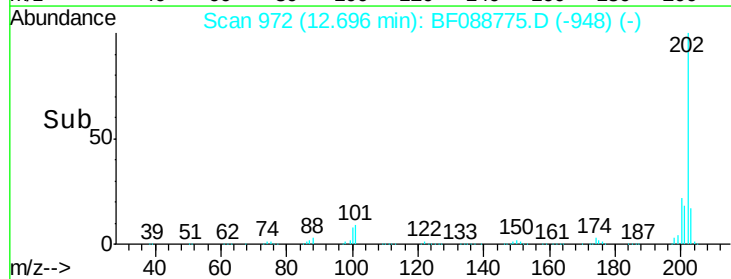
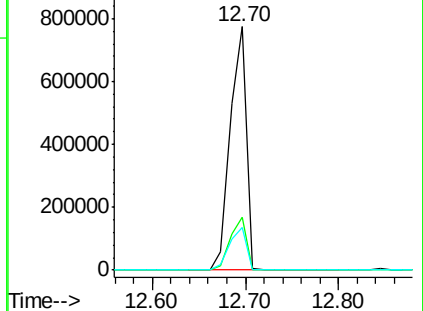
203 17.6 14.5 21.7

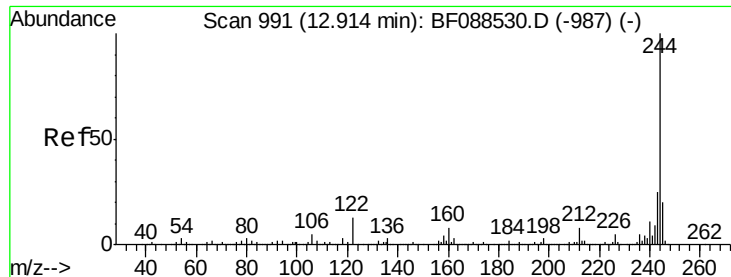


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

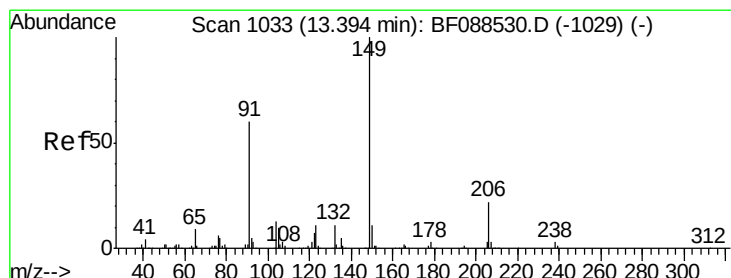
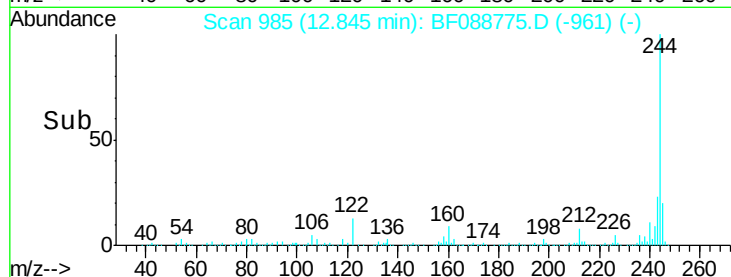
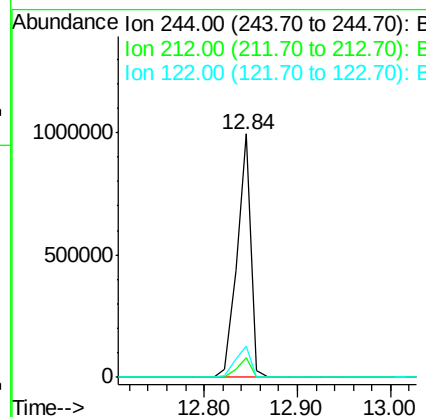
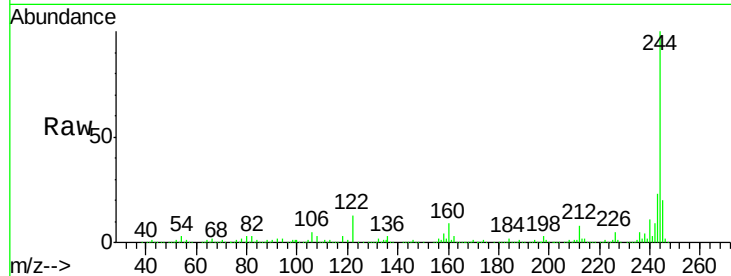




#78
 Terphenyl-d14
 Concen: 84.22 ng
 RT: 12.84 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

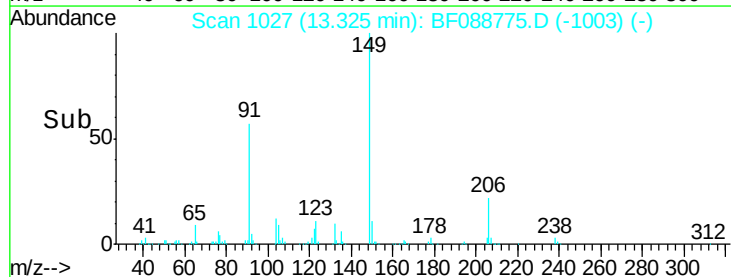
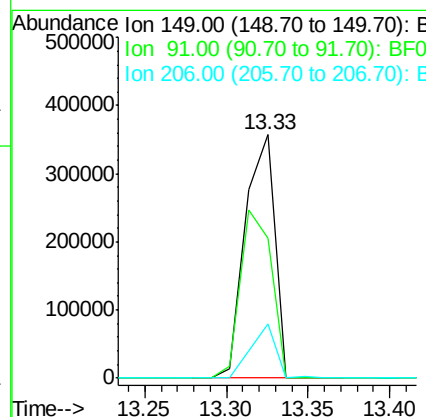
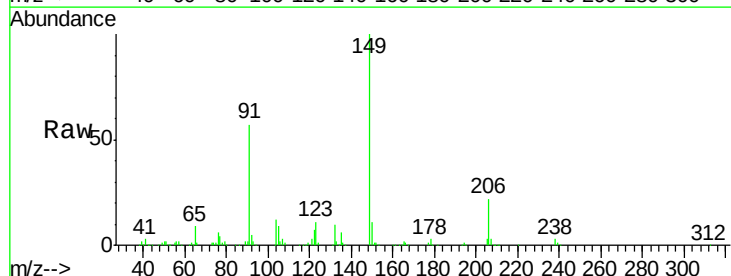
Instrument :
 BNA_F
 ClientSampled :
 PB91776BS

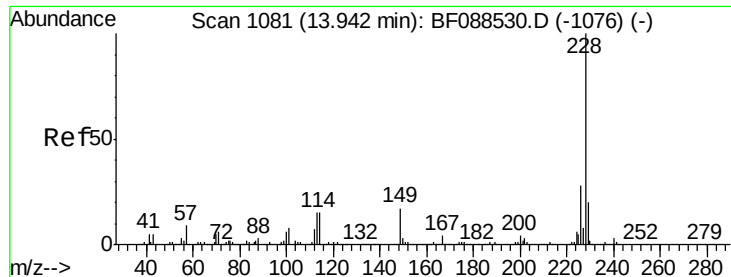
Tgt Ion:244 Resp: 1025160
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 12.7 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 43.55 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF088775.D
 Acq: 7 Jul 2016 12:45

Tgt Ion:149 Resp: 446523
 Ion Ratio Lower Upper
 149 100
 91 57.2 48.0 72.0
 206 22.1 16.0 24.0





#80

Benzo(a)anthracene

Concen: 43.07 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

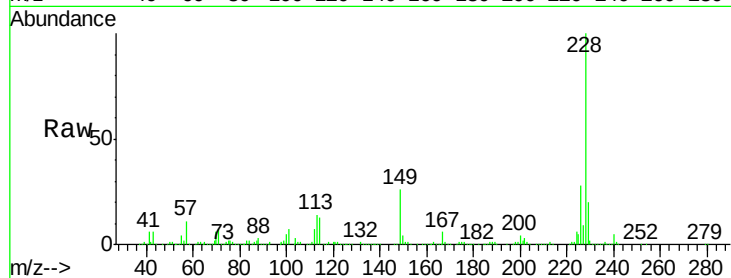
Tgt Ion:228 Resp: 751909

Ion Ratio Lower Upper

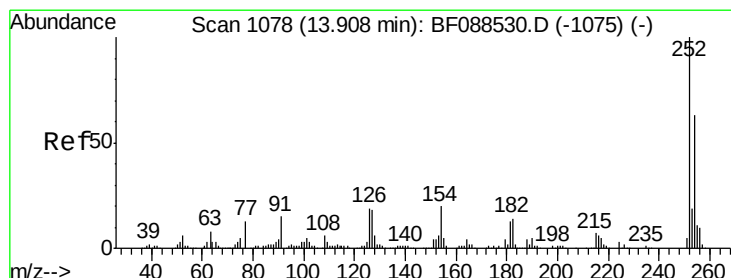
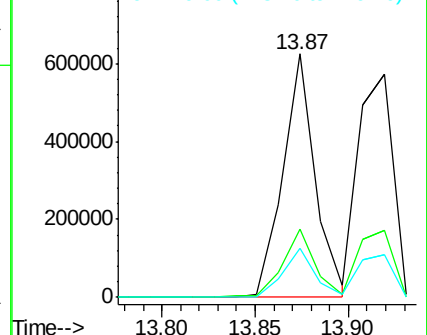
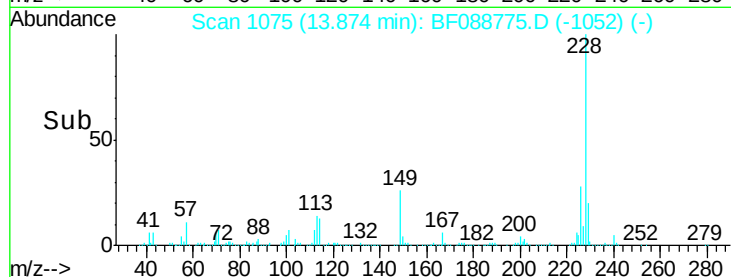
228 100

226 27.9 22.3 33.5

229 20.2 16.0 24.0



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: 22.95 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

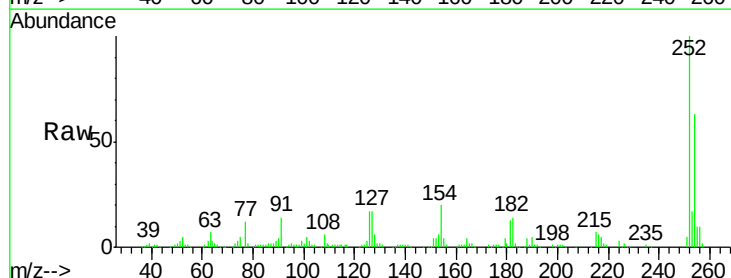
Tgt Ion:252 Resp: 150620

Ion Ratio Lower Upper

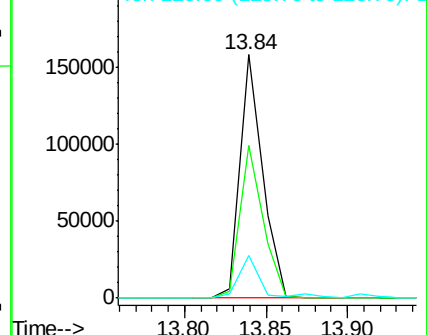
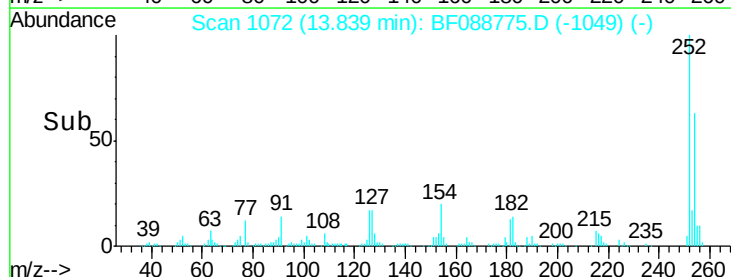
252 100

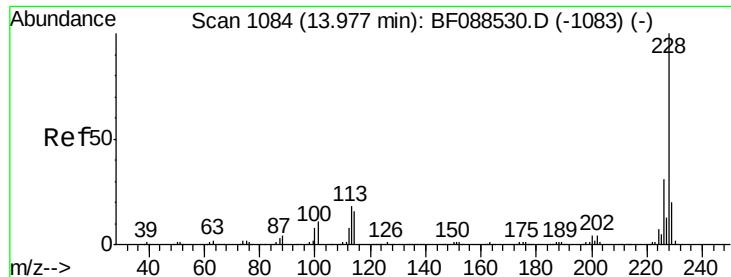
254 62.7 52.6 78.8

126 17.5 6.2 9.2#



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





#82

Chrysene

Concen: 43.14 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

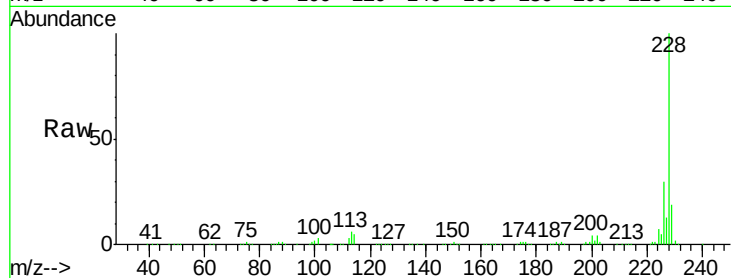
Tgt Ion: 228 Resp: 745116

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.2

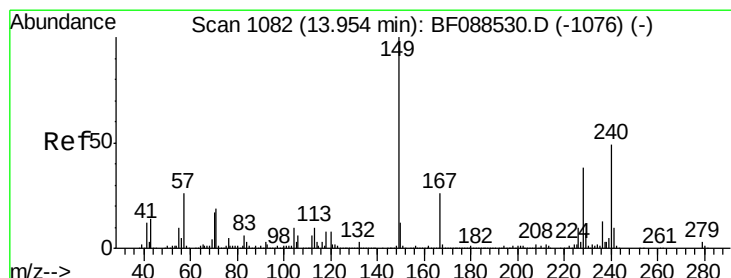
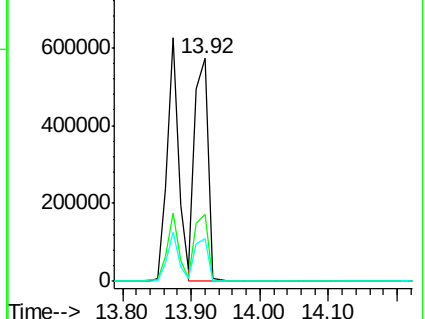
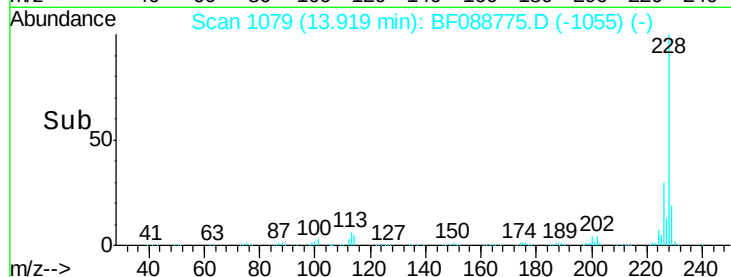
229 19.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.96 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

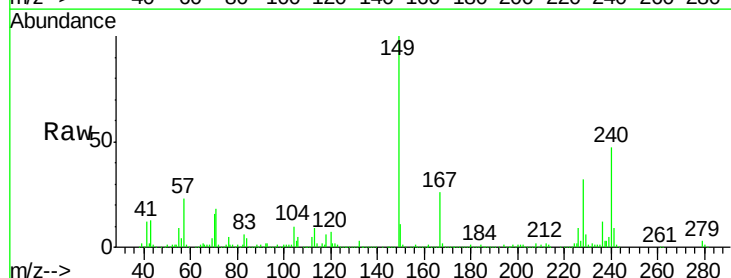
Tgt Ion: 149 Resp: 561471

Ion Ratio Lower Upper

149 100

167 26.3 20.5 30.7

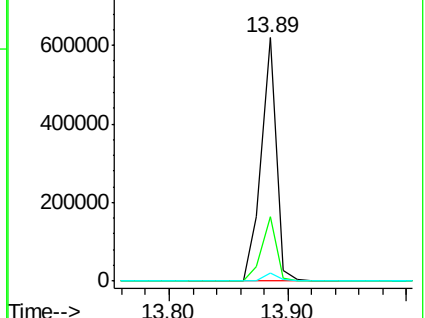
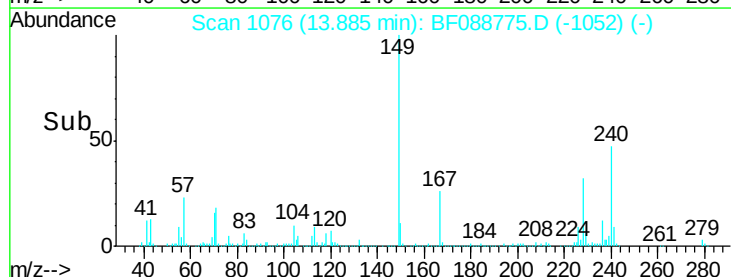
279 3.3 2.0 3.0#

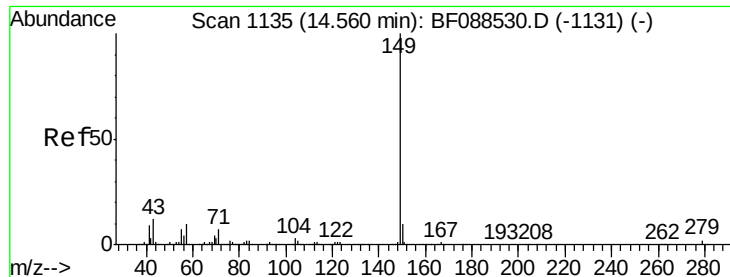


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 47.40 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

Instrument :

BNA_F

ClientSampleId :

PB91776BS

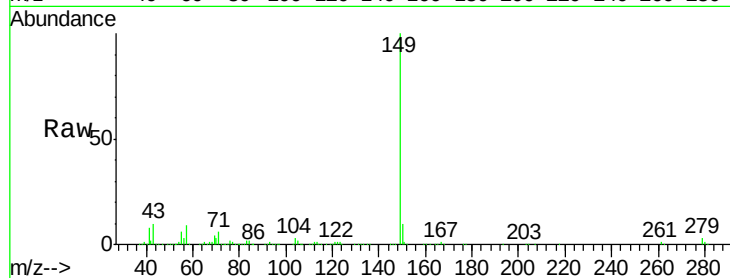
Tgt Ion:149 Resp: 942717

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

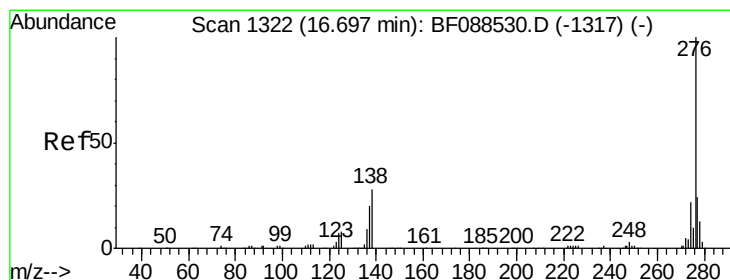
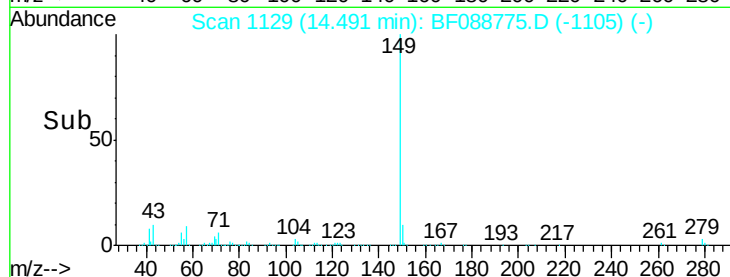
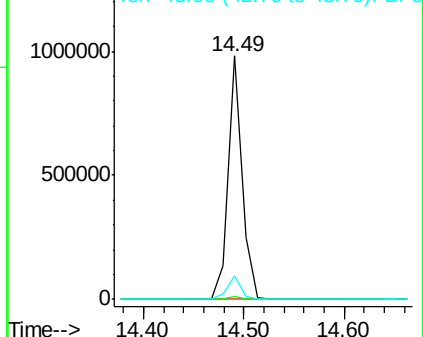
43 9.3 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 48.04 ng

RT: 16.58 min Scan# 1312

Delta R.T. -0.06 min

Lab File: BF088775.D

Acq: 7 Jul 2016 12:45

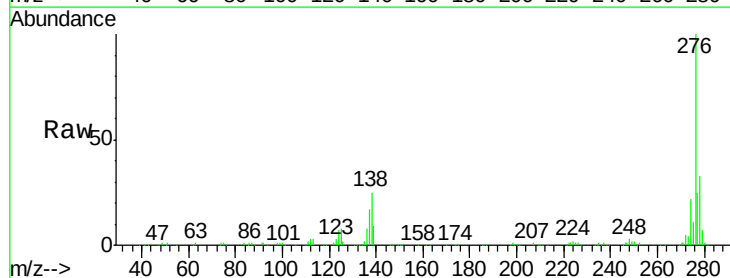
Tgt Ion:276 Resp: 638465

Ion Ratio Lower Upper

276 100

138 27.6 0.0 0.0#

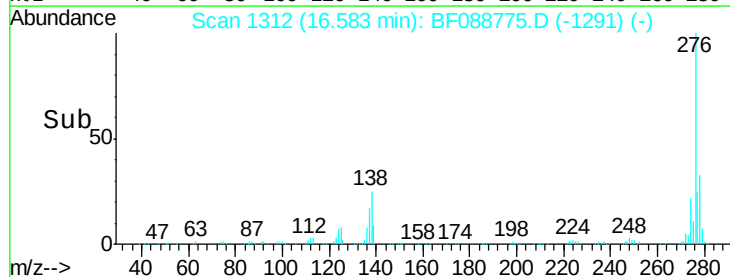
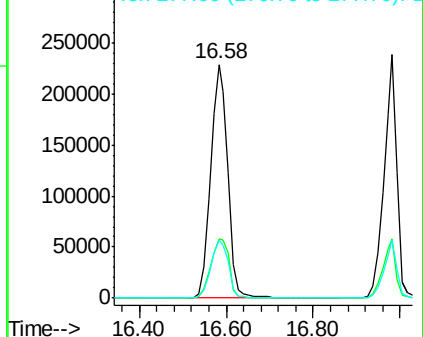
277 25.3 0.0 0.0#

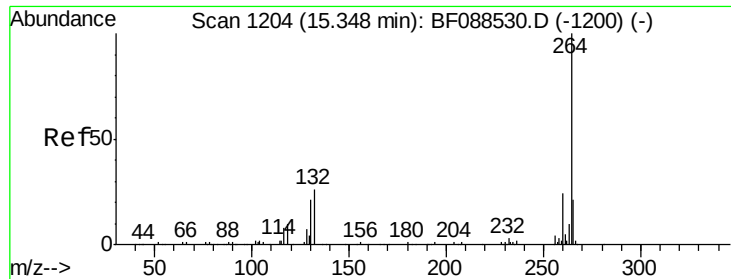


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

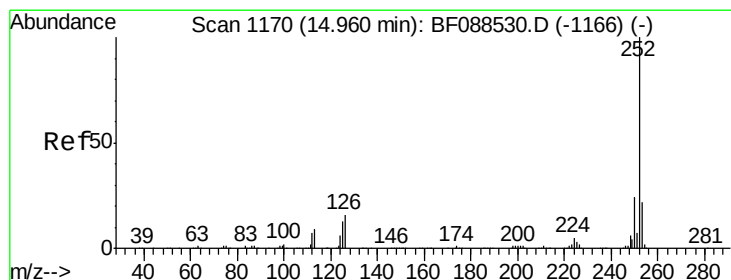
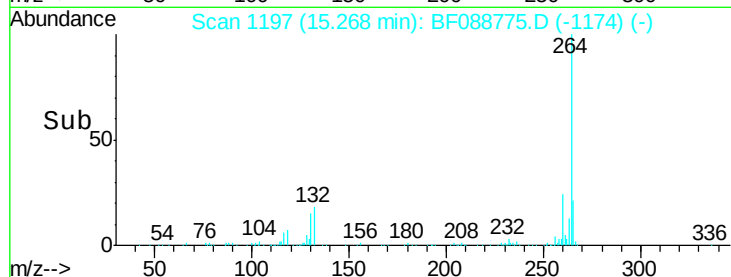
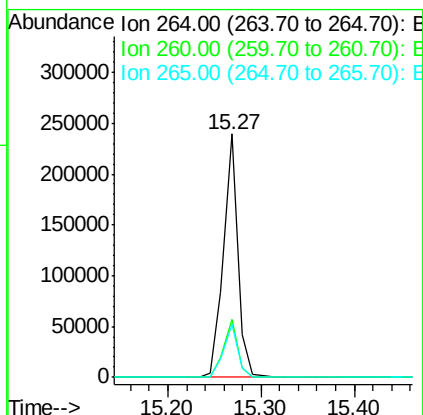
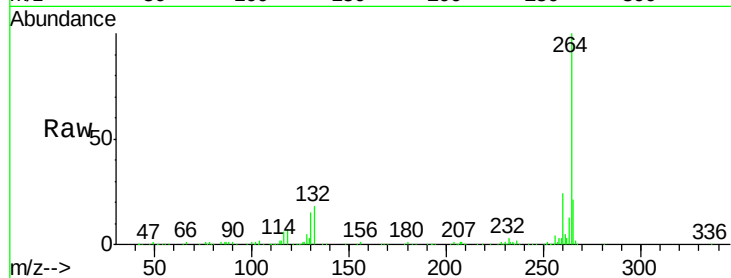




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

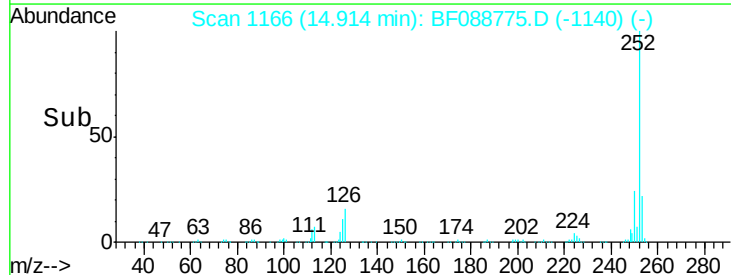
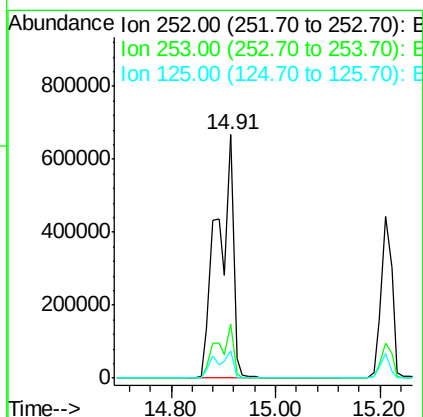
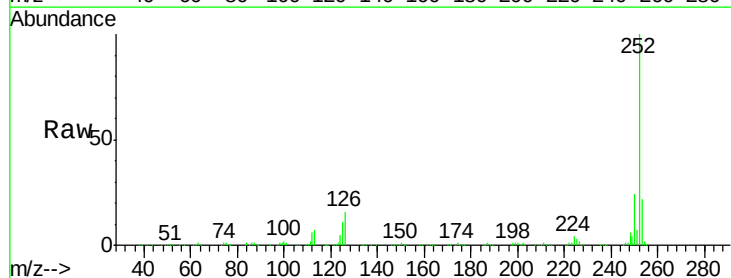
Instrument :
BNA_F
ClientSampleId :
PB91776BS

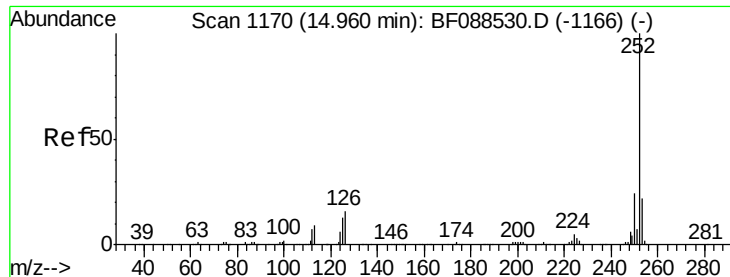
Tgt Ion:264 Resp: 257807
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.5 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 86.62 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:252 Resp: 1400911
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 11.5 7.1 10.7#

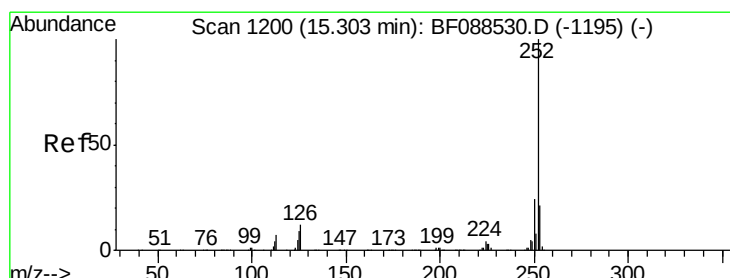
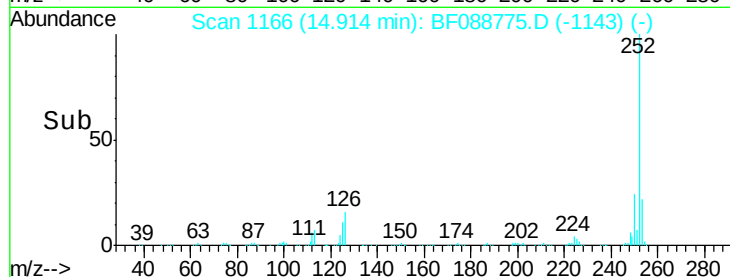
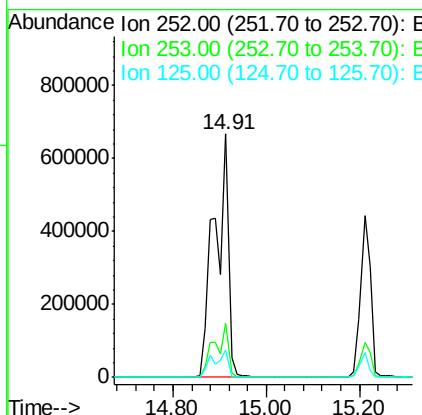
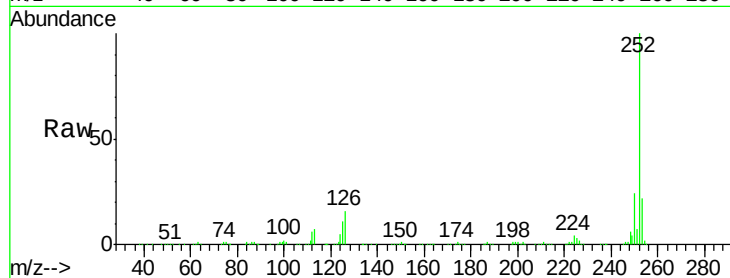




#88
Benzo(k)fluoranthene
Concen: 99.54 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

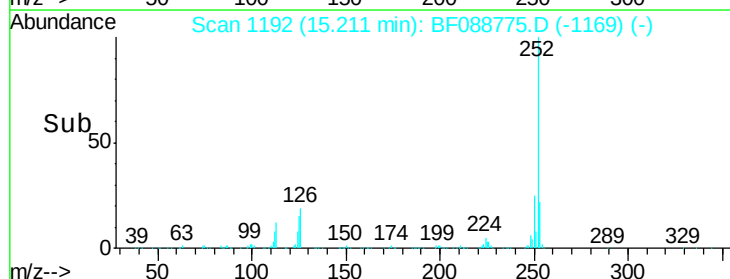
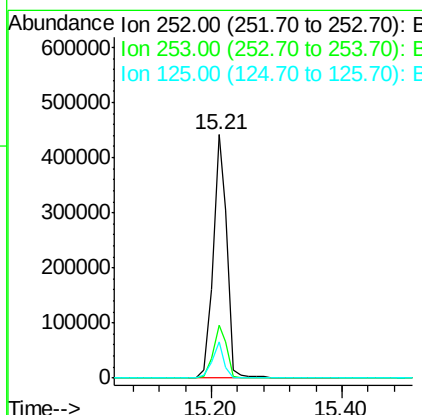
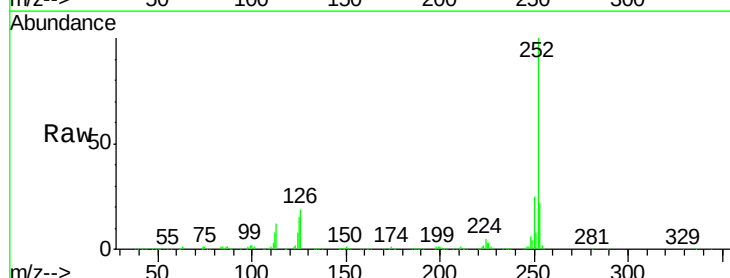
Instrument :
BNA_F
ClientSampleId :
PB91776BS

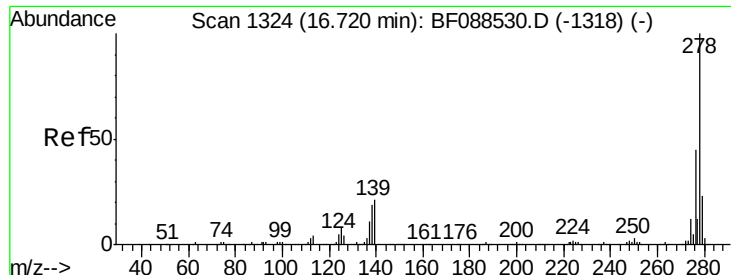
Tgt Ion:252 Resp: 1401382
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.5 11.2 16.8



#89
Benzo(a)pyrene
Concen: 47.94 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion:252 Resp: 656466
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 15.0 12.5 18.7

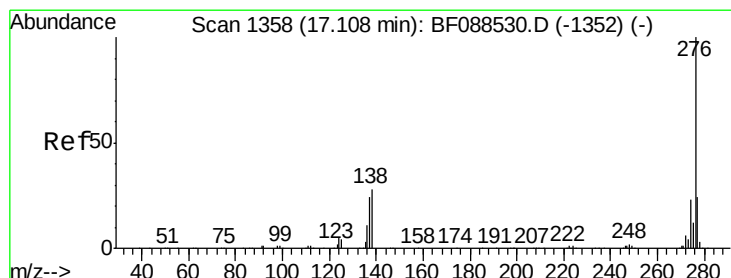
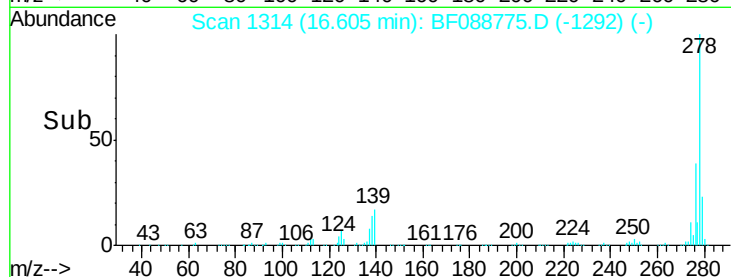
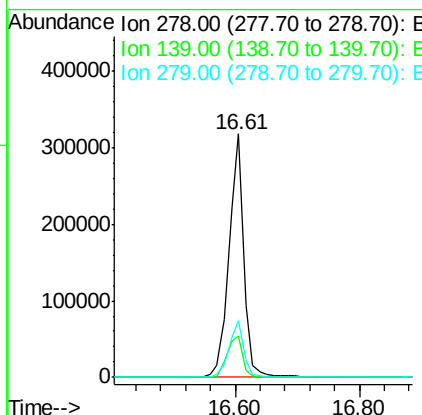
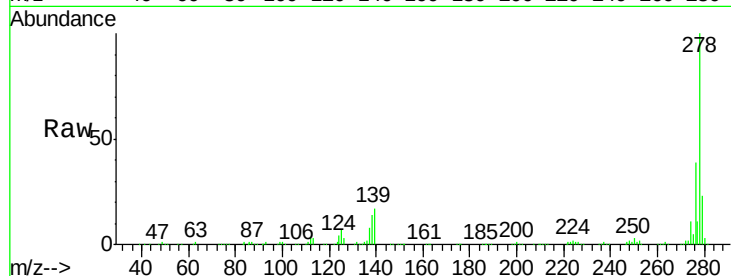




#90
Dibenzo(a,h)anthracene
Concen: 46.21 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Instrument :
BNA_F
ClientSampleId :
PB91776BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.7	23.5
279	23.4	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 42.97 ng
RT: 16.98 min Scan# 1347
Delta R.T. -0.06 min
Lab File: BF088775.D
Acq: 7 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	24.2	21.4	32.2

