

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088774.D
 Acq On : 7 Jul 2016 12:15
 Operator : UM/SJ
 Sample : PB91702BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Quant Time: Jul 08 01:35:08 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	100049	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	398023	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	197515	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	364385	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	256290	20.00	ng	-0.03
86) Perylene-d12	15.27	264	255461	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	725042	108.61	ng	-0.02
7) Phenol-d6	6.39	99	889909	103.17	ng	-0.02
23) Nitrobenzene-d5	7.31	82	659724	86.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	236574	128.98	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	1013866	81.08	ng	-0.03
78) Terphenyl-d14	12.85	244	1003960	87.25	ng	-0.02

Target Compounds				Qvalue		
3) Pyridine	3.03	79	279447	29.10	ng	91
4) n-Nitrosodimethylamine	2.98	42	120643	32.88	ng	91
6) Aniline	6.40	93	316179	25.15	ng	# 1
8) 2-Chlorophenol	6.52	128	266048	37.08	ng	96
9) Benzaldehyde	6.28	77	201617	34.51	ng	90
10) Phenol	6.40	94	334275	33.96	ng	# 61
11) bis(2-Chloroethyl)ether	6.49	93	277150	37.75	ng	# 79
12) 1,3-Dichlorobenzene	6.68	146	299583	37.94	ng	95
13) 1,4-Dichlorobenzene	6.75	146	283264	36.15	ng	93
14) 1,2-Dichlorobenzene	6.68	146	299641	40.85	ng	95
15) Benzyl Alcohol	6.89	79	258032	40.64	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.03	45	313903	29.53	ng	90
17) 2-Methylphenol	7.00	107	229978	39.29	ng	96
18) Hexachloroethane	7.26	117	118847	39.21	ng	91
19) n-Nitroso-di-n-propylamine	7.16	70	204112	35.23	ng	92
20) 3+4-Methylphenols	7.16	107	298592	42.51	ng	96
22) Acetophenone	7.15	105	404583	41.88	ng	# 89
24) Nitrobenzene	7.32	77	279919	36.55	ng	# 82
25) Isophorone	7.58	82	589096	41.87	ng	98
26) 2-Nitrophenol	7.64	139	149973	47.76	ng	94
27) 2,4-Dimethylphenol	7.69	122	260163	39.78	ng	89
28) bis(2-Chloroethoxy)methane	7.78	93	347150	37.92	ng	# 95
29) 2,4-Dichlorophenol	7.88	162	220314	41.68	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	245779	42.37	ng	97
31) Naphthalene	8.04	128	778426	39.67	ng	99
32) Benzoic acid	7.83	122	168708	35.53	ng	90
33) 4-Chloroaniline	8.10	127	173578	19.88	ng	# 93
34) Hexachlorobutadiene	8.17	225	135408	43.60	ng	99
35) Caprolactam	8.48	113	36304	20.22	ng	91
36) 4-Chloro-3-methylphenol	8.59	107	285246	45.63	ng	95
37) 2-Methylnaphthalene	8.74	142	553027	43.77	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	238548	36.31	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	256669	79.60	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	169904	39.23	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	166750	44.75	ng	# 90
45) 1,1'-Biphenyl	9.21	154	685753	41.93	ng	96
46) 2-Chloronaphthalene	9.23	162	518891	40.41	ng	95
47) 2-Nitroaniline	9.32	65	165993	36.43	ng	99
48) Acenaphthylene	9.64	152	837835	41.01	ng	99
49) Dimethylphthalate	9.52	163	656413	46.65	ng	99
50) 2,6-Dinitrotoluene	9.58	165	151363	48.53	ng	94
51) Acenaphthene	9.82	154	613128	48.96	ng	98
52) 3-Nitroaniline	9.74	138	94904	23.94	ng	99
53) 2,4-Dinitrophenol	9.85	184	167733	121.81	ng	# 83
54) Dibenzofuran	9.99	168	714136	43.57	ng	# 88
55) 4-Nitrophenol	9.91	139	213173	70.76	ng	94
56) 2,4-Dinitrotoluene	9.98	165	173588	42.57	ng	# 49
57) Fluorene	10.33	166	597989	47.34	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	131166	45.49	ng	# 49
59) Diethylphthalate	10.22	149	631522	44.72	ng	100
60) 4-Chlorophenyl-phenylether	10.32	204	220646	37.59	ng	# 86
61) 4-Nitroaniline	10.35	138	134799	35.33	ng	82
62) Azobenzene	10.48	77	659651	40.95	ng	95
64) 4,6-Dinitro-2-methylphenol	10.39	198	104712	53.73	ng	# 57
65) n-Nitrosodiphenylamine	10.44	169	494033	40.06	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	162031	44.13	ng	# 88
67) Hexachlorobenzene	10.88	284	170999	42.07	ng	# 69
68) Atrazine	10.97	200	163372	42.51	ng	91
69) Pentachlorophenol	11.07	266	207123	86.10	ng	98
70) Phenanthrene	11.28	178	793033	39.81	ng	100
71) Anthracene	11.34	178	858339	43.34	ng	100
72) Carbazole	11.48	167	734761	39.42	ng	99
73) Di-n-butylphthalate	11.83	149	892112	41.14	ng	# 99
74) Fluoranthene	12.47	202	933223	46.21	ng	95
76) Benzidine	12.59	184	529070	40.84	ng	97
77) Pyrene	12.70	202	893488	41.12	ng	99
79) Butylbenzylphthalate	13.33	149	436302	45.01	ng	99
80) Benzo(a)anthracene	13.87	228	739361	44.80	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	130231	20.99	ng	# 96
82) Chrysene	13.92	228	749777	45.92	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	543898	49.15	ng	# 99
84) Di-n-octyl phthalate	14.49	149	913414	48.59	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	608525	48.44	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1348036	84.12	ng	# 97
88) Benzo(k)fluoranthene	14.91	252	1348506	96.66	ng	97
89) Benzo(a)pyrene	15.21	252	628111	46.29	ng	100
90) Dibenzo(a,h)anthracene	16.61	278	508283	44.86	ng	# 95
91) Benzo(g,h,i)perylene	16.98	276	486009	41.45	ng	95

(#) = 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: BF088774.D

Acq: 7 Jul 2016 12:15

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BNA_F

ClientSampleId :

PB91702BS

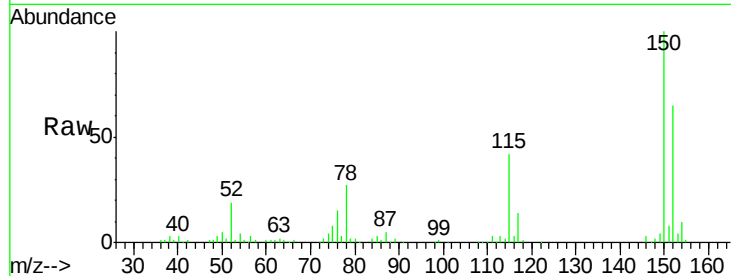
Tgt Ion:152 Resp: 100049

Ion Ratio Lower Upper

152 100

150 154.1 123.8 185.6

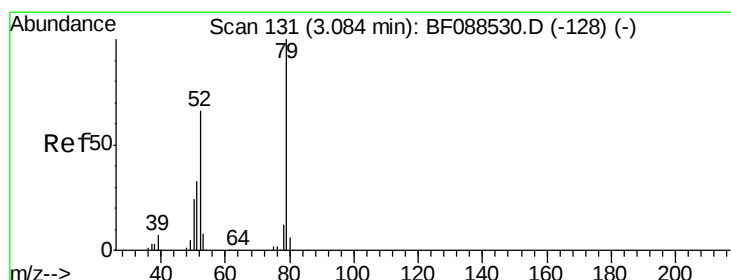
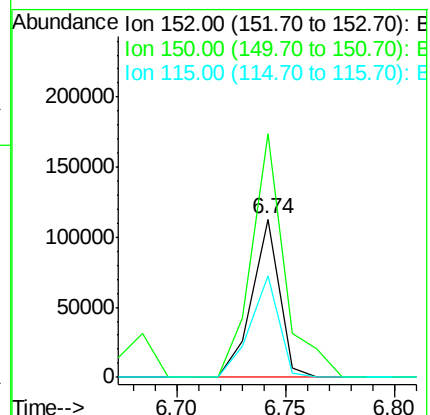
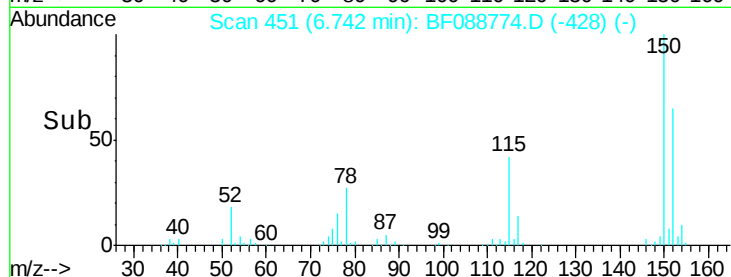
115 64.6 39.6 59.4#



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: 29.10 ng

RT: 3.03 min Scan# 126

Delta R.T. 0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

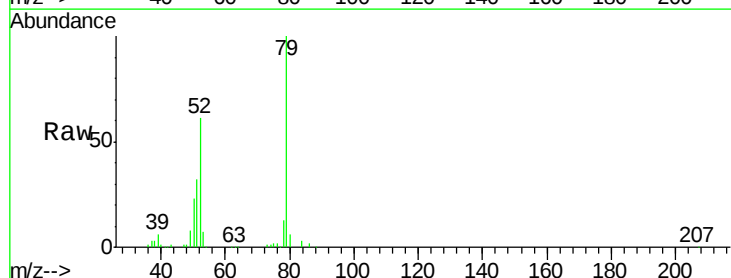
Tgt Ion: 79 Resp: 279447

Ion Ratio Lower Upper

79 100

52 61.4 56.3 84.5

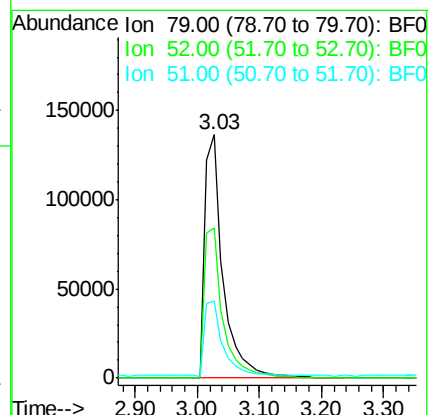
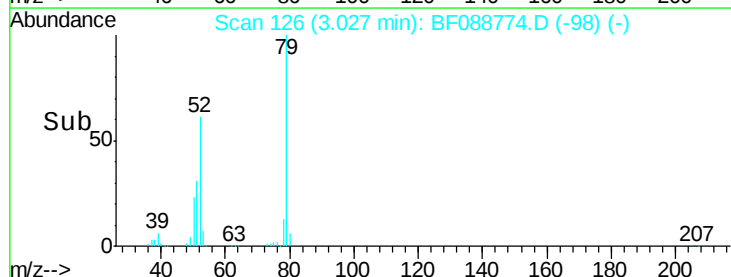
51 31.6 27.4 41.2

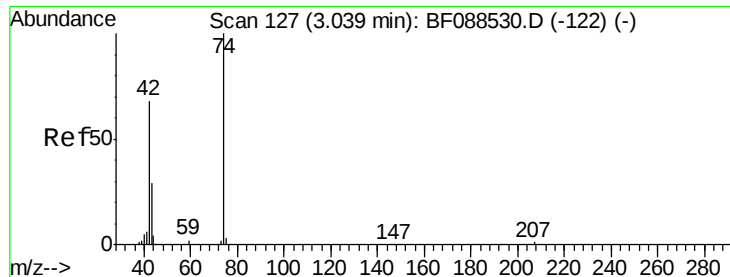


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



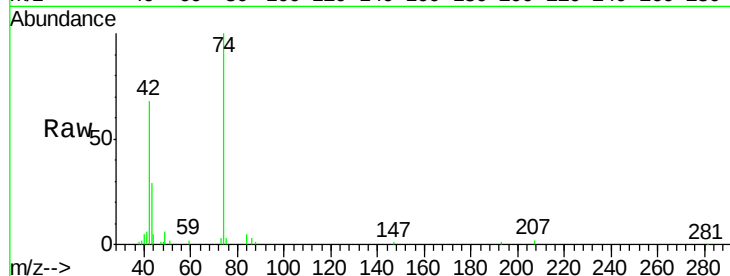


#4

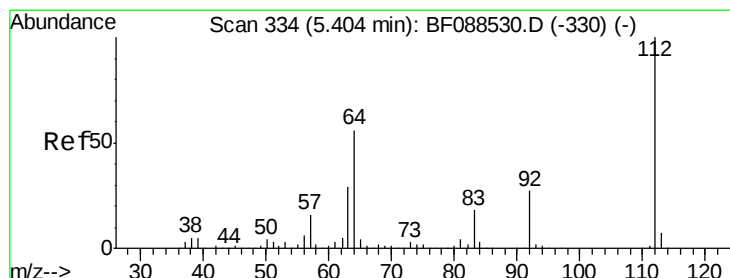
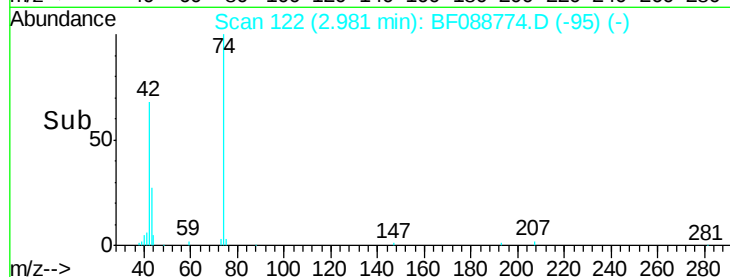
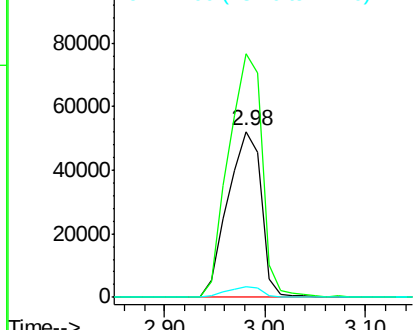
n-Nitrosodimethylamine
 Concen: 32.88 ng
 RT: 2.98 min Scan# 122
 Delta R.T. 0.01 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Instrument :
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 ClientSampleId :
 PB91702BS

Tgt Ion: 42 Resp: 120643
 Ion Ratio Lower Upper
 42 100
 74 146.7 108.6 163.0
 44 6.6 5.5 8.3



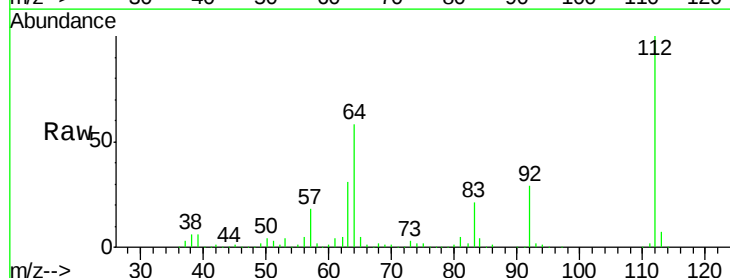
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



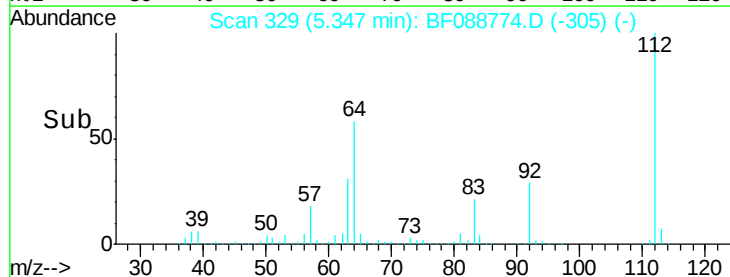
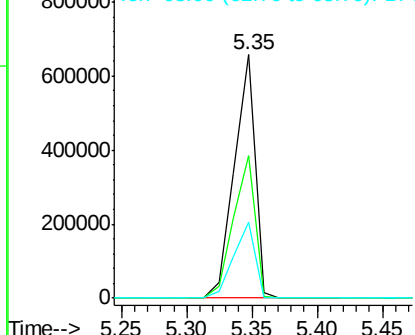
#5

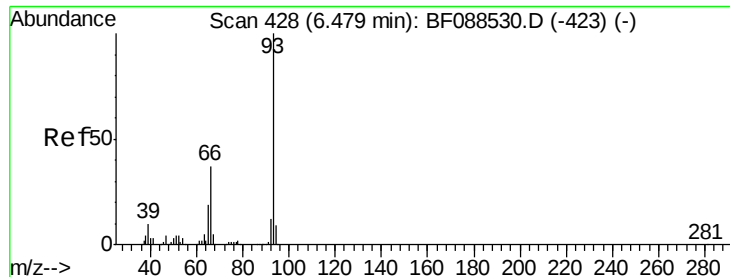
2-Fluorophenol
 Concen: 108.61 ng
 RT: 5.35 min Scan# 329
 Delta R.T. -0.02 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Tgt Ion: 112 Resp: 725042
 Ion Ratio Lower Upper
 112 100
 64 58.4 42.2 63.2
 63 31.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 25.15 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

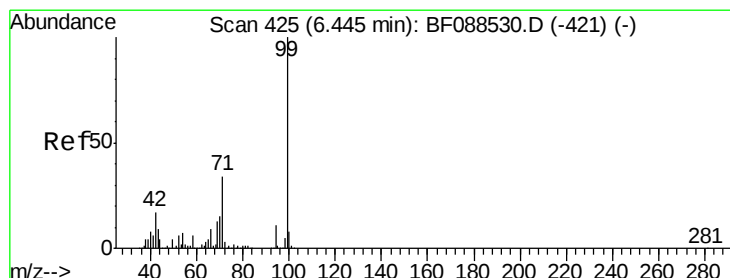
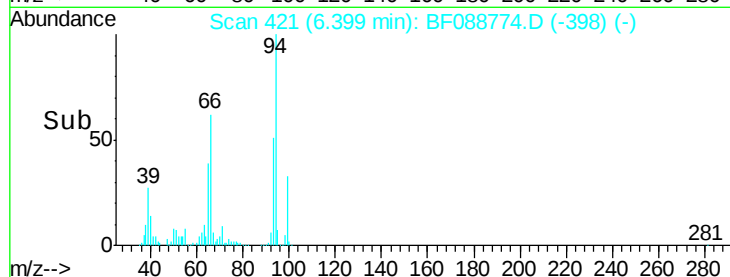
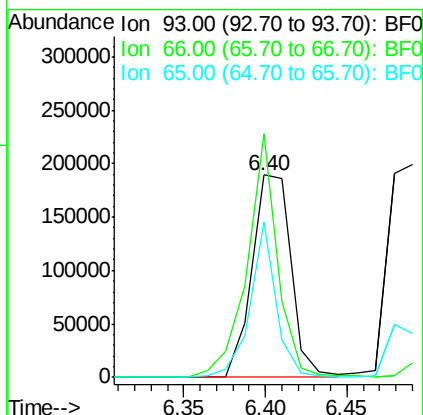
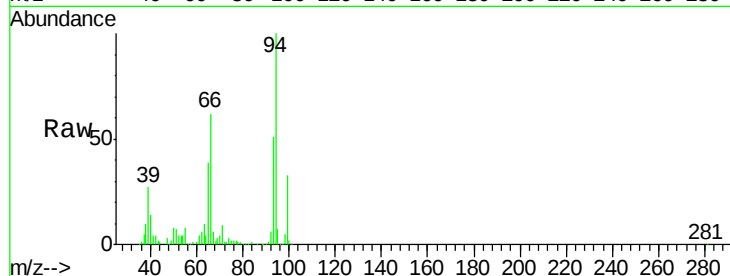
Tgt Ion: 93 Resp: 316179

Ion Ratio Lower Upper

93 100

66 120.5 29.8 44.8#

65 76.6 14.9 22.3#



#7

Phenol-d6

Concen: 103.17 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

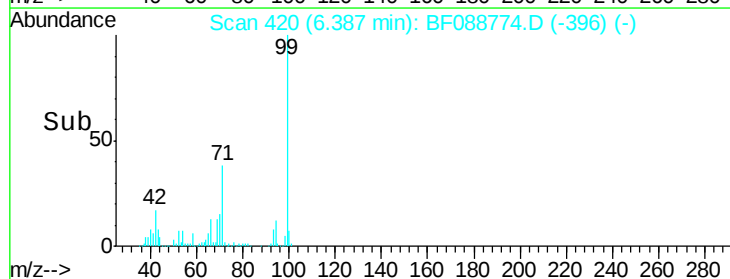
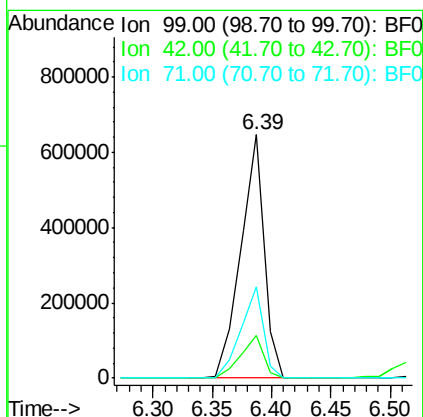
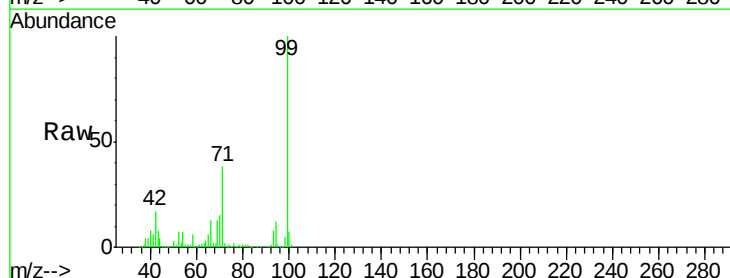
Tgt Ion: 99 Resp: 889909

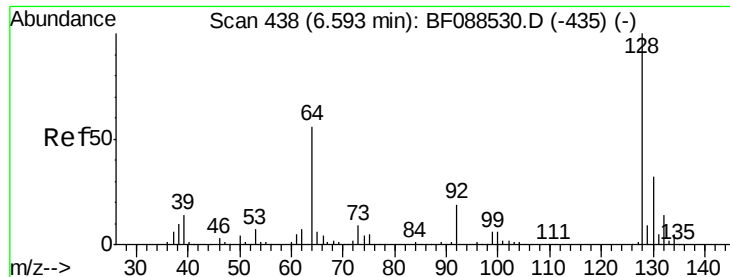
Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

71 37.7 23.4 35.0#





#8

2-Chlorophenol

Concen: 37.08 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

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ClientSampleId :

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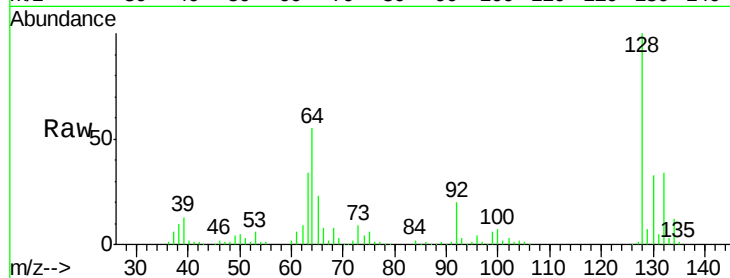
Tgt Ion:128 Resp: 266048

Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

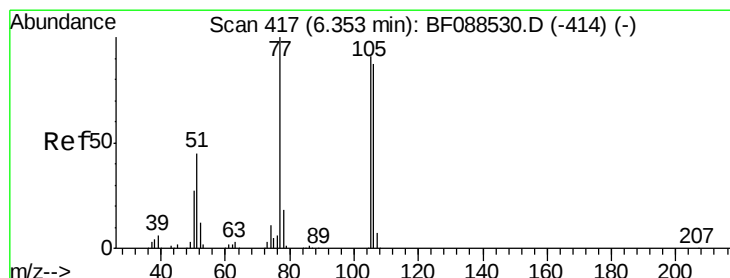
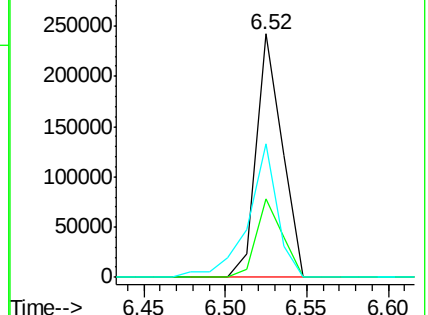
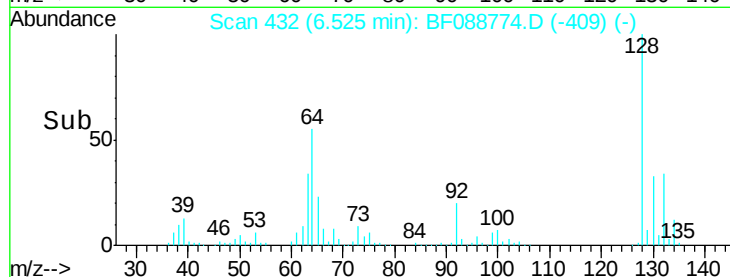
64 54.8 30.8 70.8



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: 34.51 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

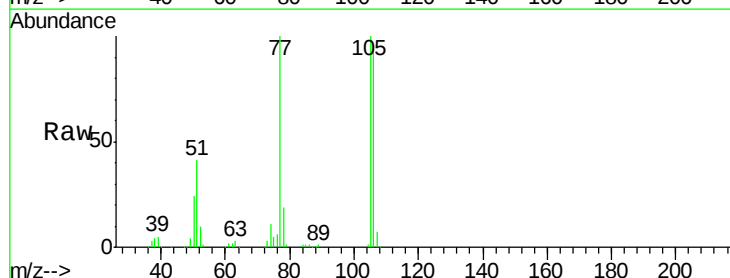
Tgt Ion: 77 Resp: 201617

Ion Ratio Lower Upper

77 100

105 100.4 90.6 130.6

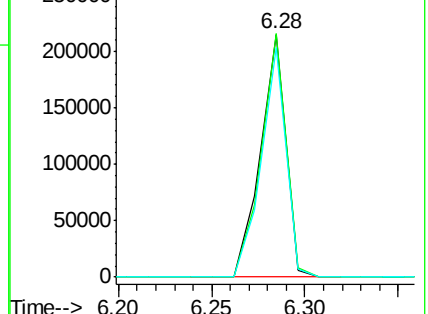
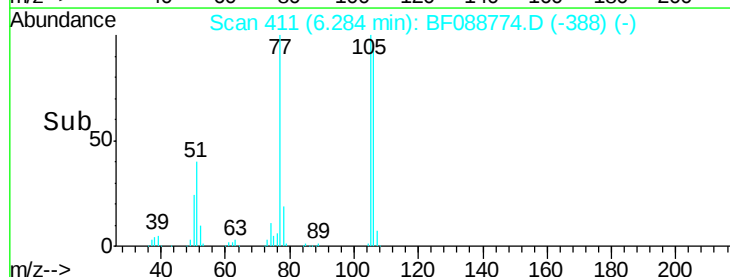
106 94.7 85.3 125.3

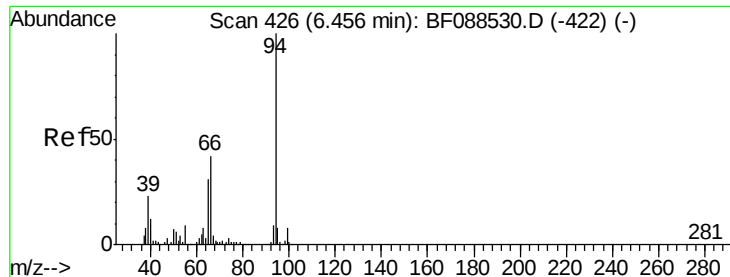


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 33.96 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

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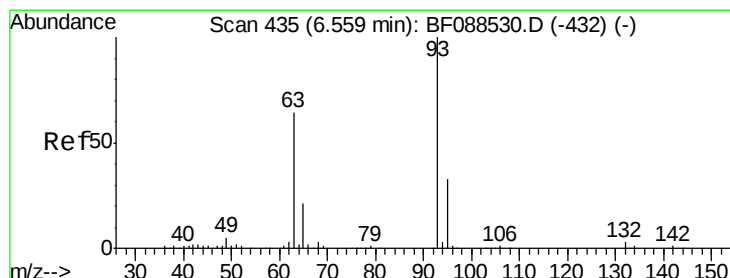
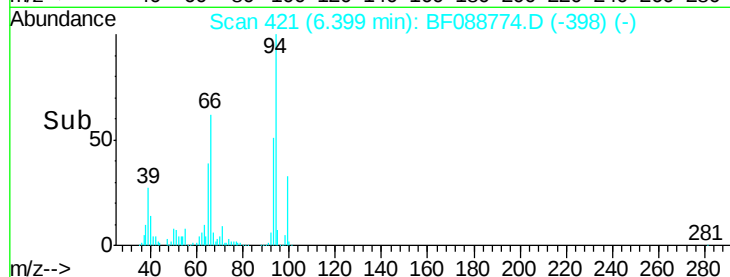
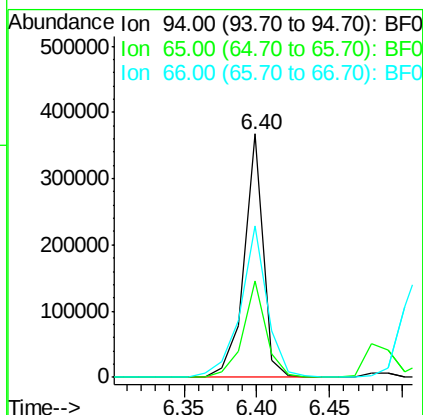
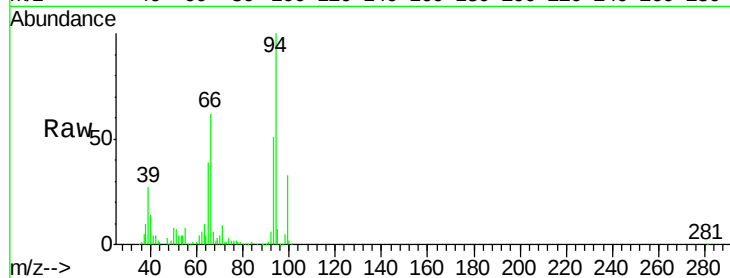
Tgt Ion: 94 Resp: 334275

Ion Ratio Lower Upper

94 100

65 39.4 5.9 45.9

66 62.0 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 37.75 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

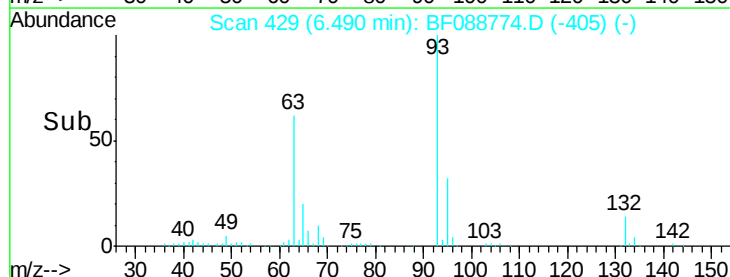
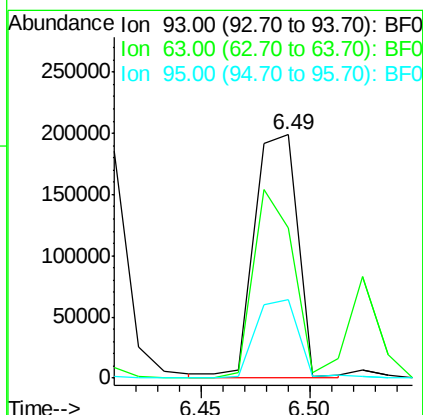
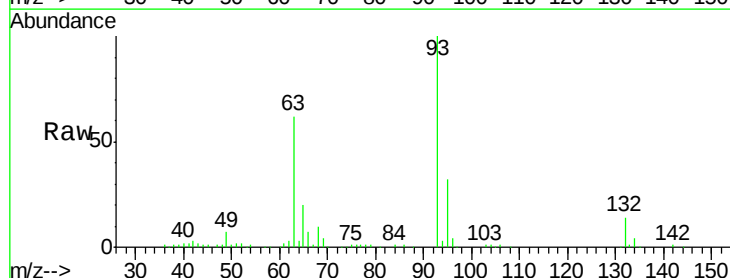
Tgt Ion: 93 Resp: 277150

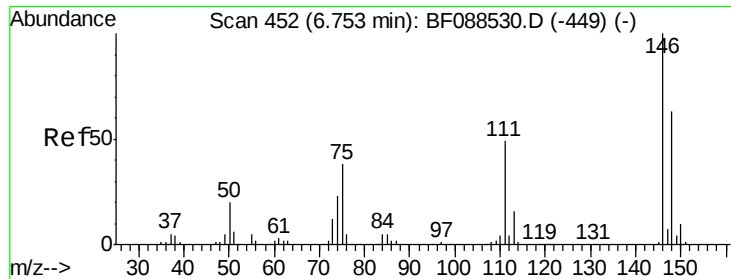
Ion Ratio Lower Upper

93 100

63 61.6 67.6 107.6#

95 32.1 12.5 52.5

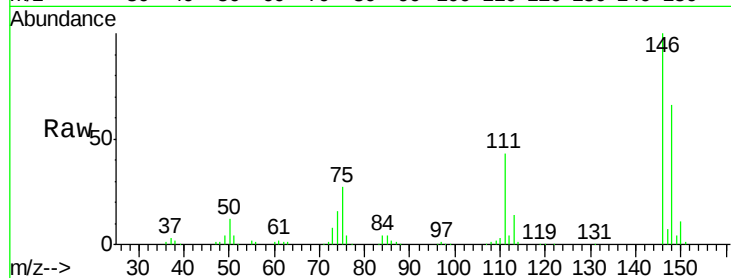




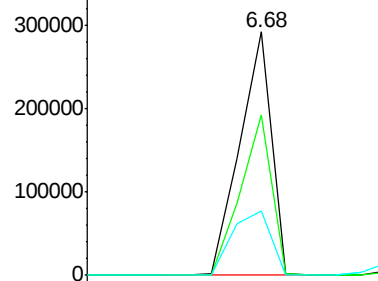
#12
 1,3-Dichlorobenzene
 Concen: 37.94 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

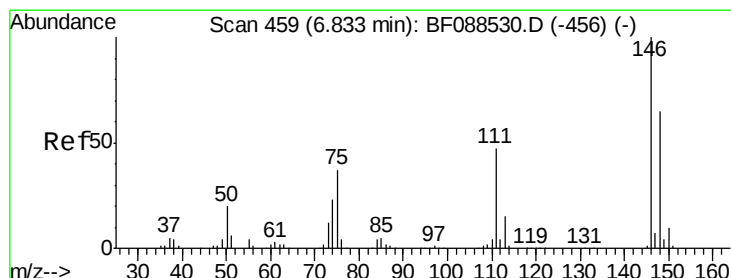
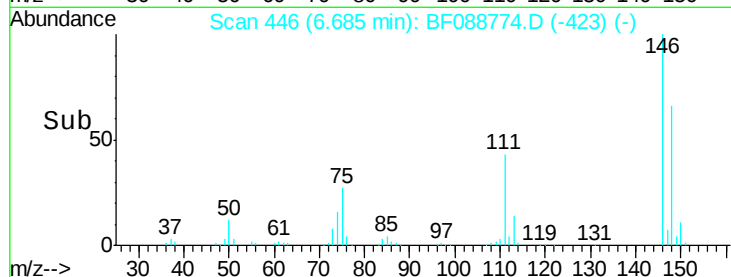
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.9	76.3
75	26.6	25.6	38.4



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

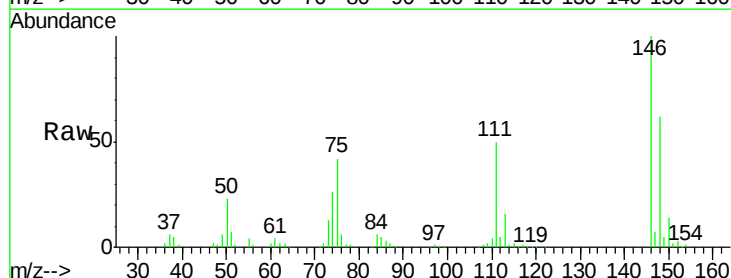


Time-->

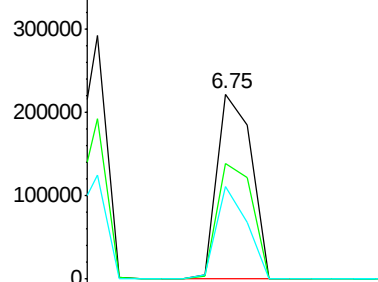


#13
 1,4-Dichlorobenzene
 Concen: 36.15 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.05 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

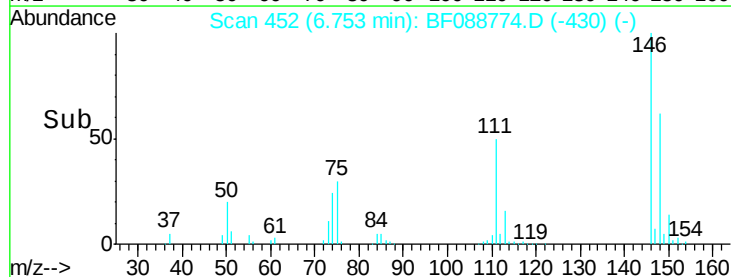
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.0	78.0
111	50.1	33.8	50.8

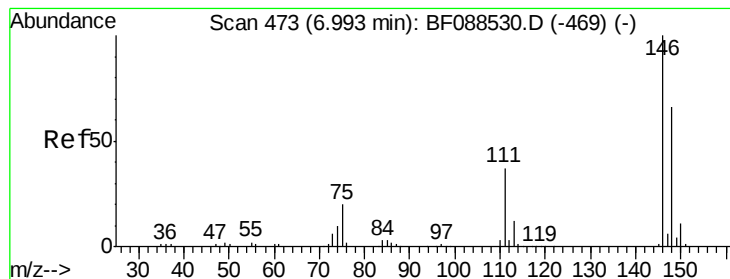


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



Time-->





#14

1,2-Dichlorobenzene

Concen: 40.85 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.26 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

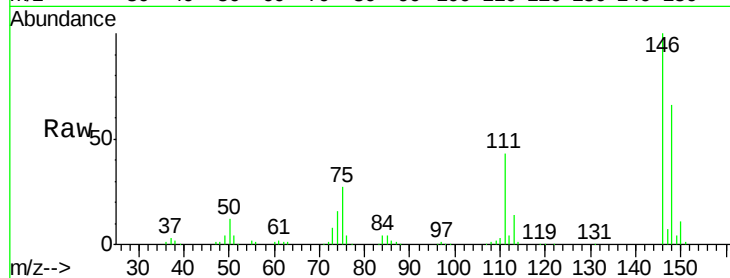
Tgt Ion:146 Resp: 299641

Ion Ratio Lower Upper

146 100

148 66.1 52.3 78.5

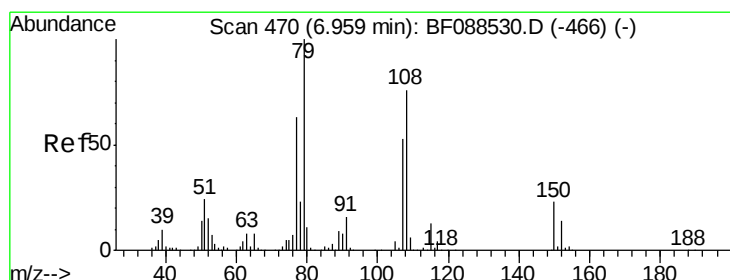
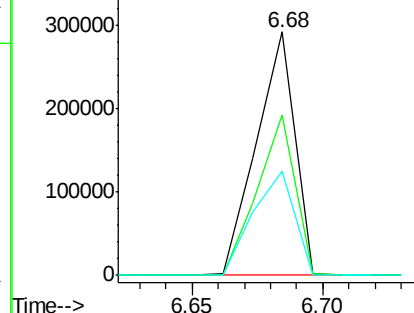
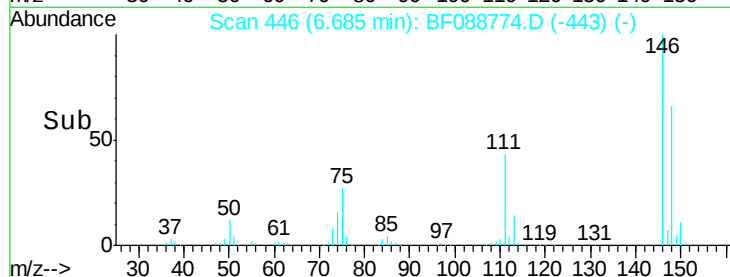
111 42.9 28.7 43.1



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: 40.64 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

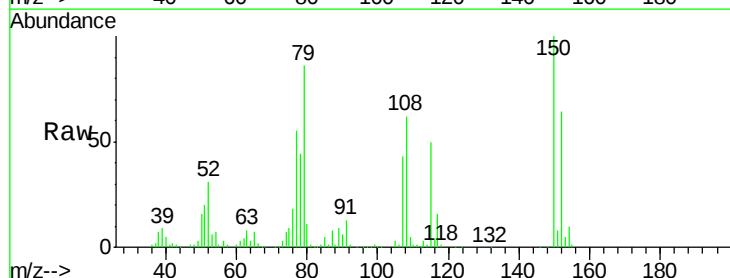
Tgt Ion: 79 Resp: 258032

Ion Ratio Lower Upper

79 100

108 71.7 65.0 97.6

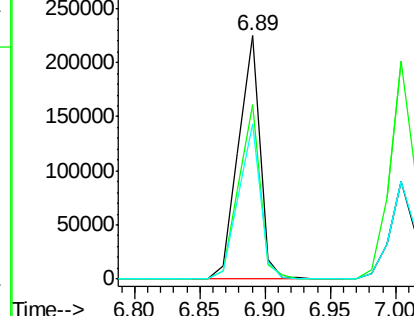
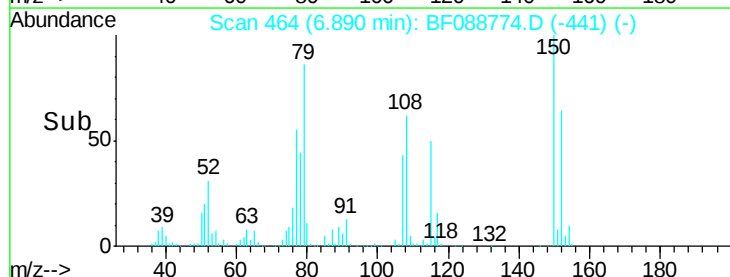
77 63.6 50.3 75.5

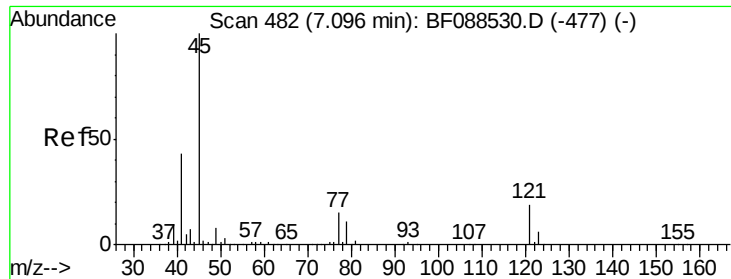


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

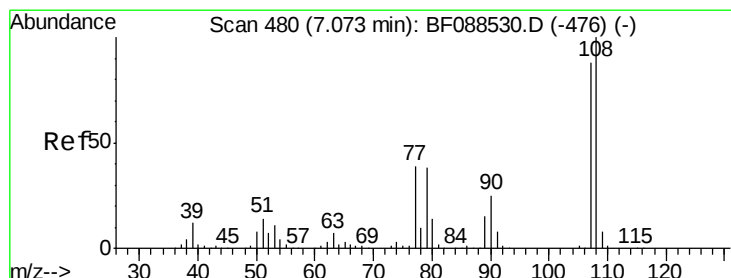
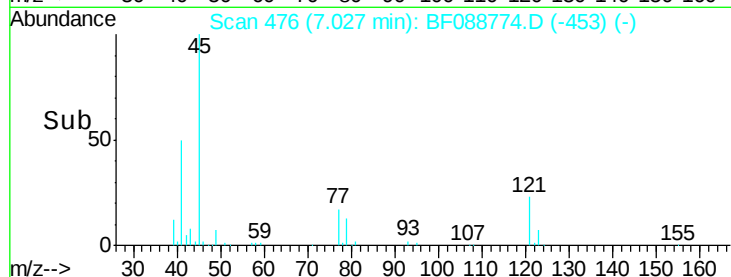
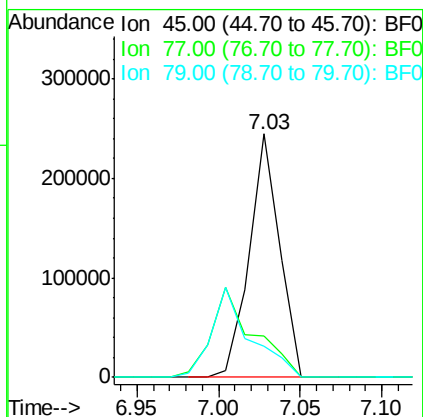
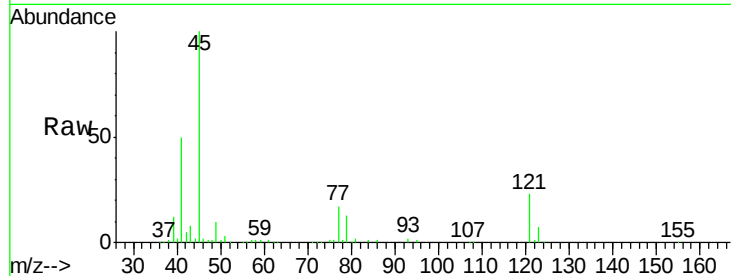




#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.53 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

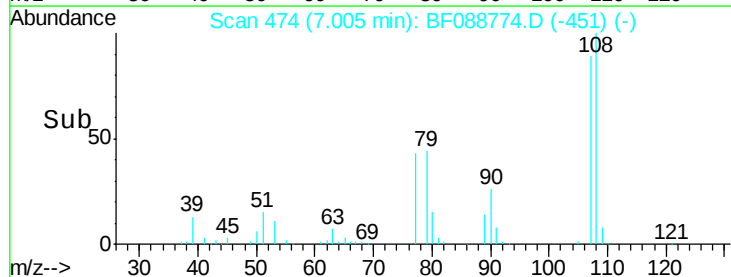
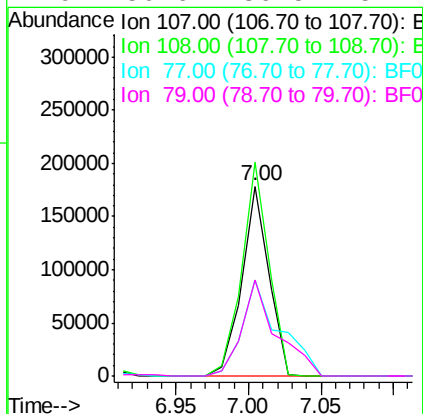
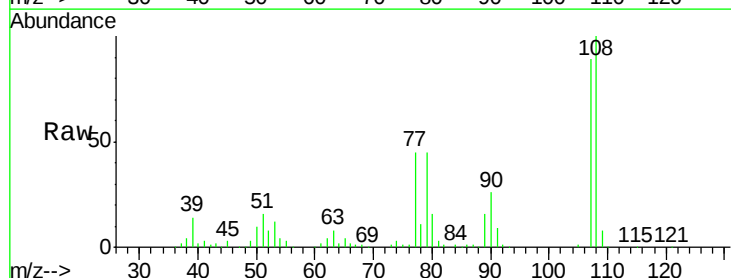
Instrument :
BNA_F
ClientSampleId :
PB91702BS

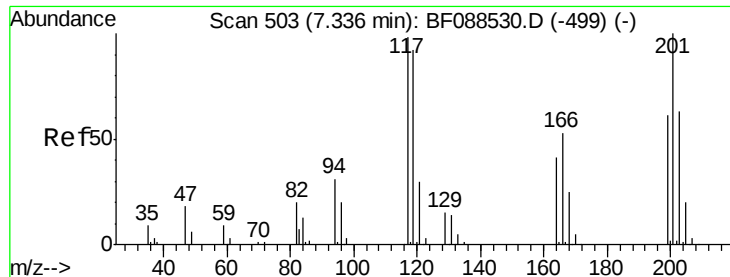
Tgt Ion: 45 Resp: 313903
Ion Ratio Lower Upper
45 100
77 16.8 0.0 32.5
79 13.0 0.0 29.5



#17
2-Methylphenol
Concen: 39.29 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion: 107 Resp: 229978
Ion Ratio Lower Upper
107 100
108 112.3 90.9 136.3
77 50.3 36.6 55.0
79 50.6 36.5 54.7

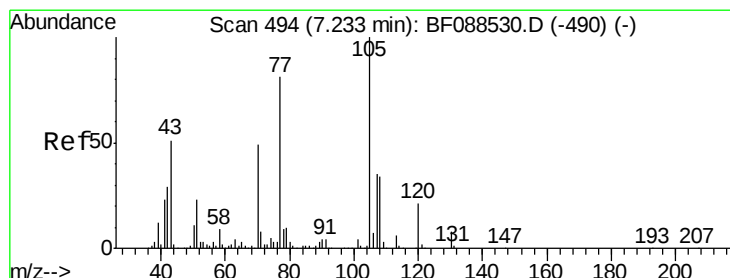
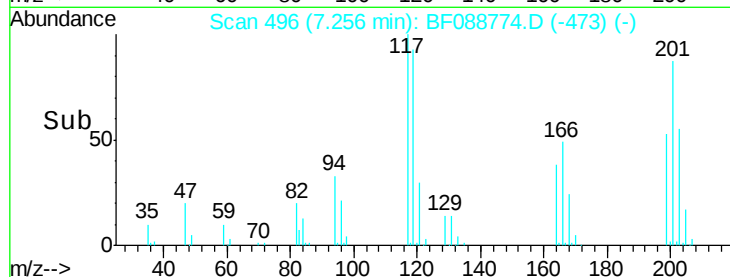
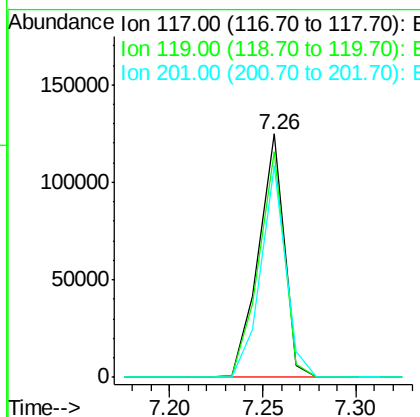
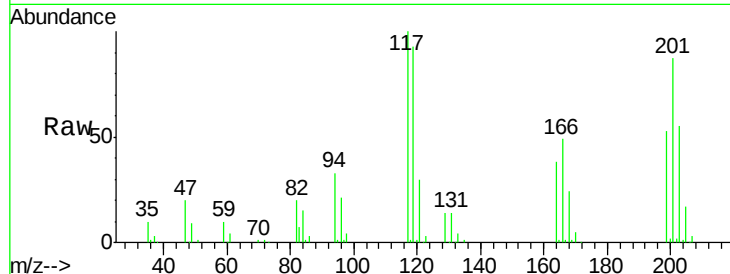




#18
Hexachloroethane
Concen: 39.21 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

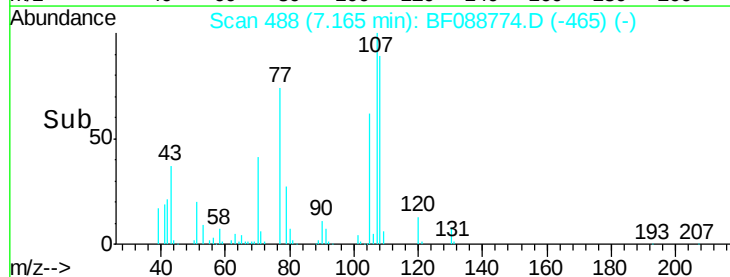
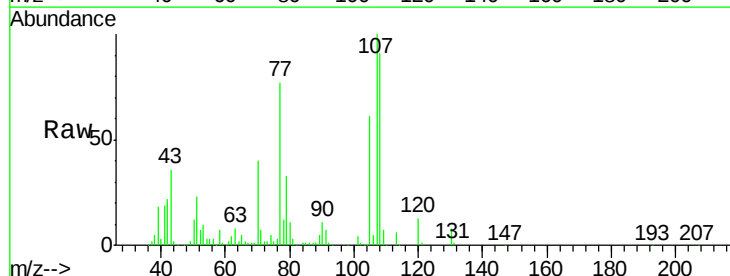
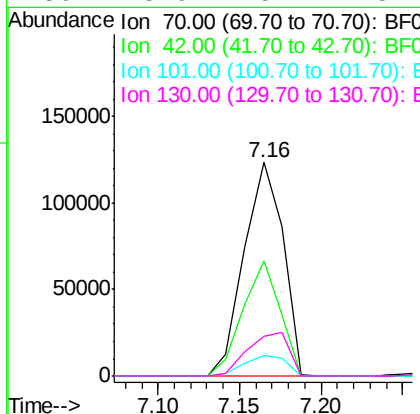
Instrument :
BNA_F
ClientSampleId :
PB91702BS

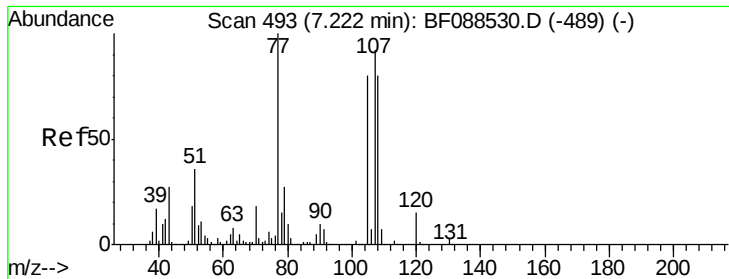
Tgt Ion: 117 Resp: 118847
Ion Ratio Lower Upper
117 100
119 92.7 77.4 116.2
201 86.7 80.4 120.6



#19
n-Nitroso-di-n-propylamine
Concen: 35.23 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion: 70 Resp: 204112
Ion Ratio Lower Upper
70 100
42 53.8 49.6 74.4
101 9.8 7.1 10.7
130 18.9 15.4 23.2





#20

3+4-Methylphenols

Concen: 42.51 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

Tgt Ion:107 Resp: 298592

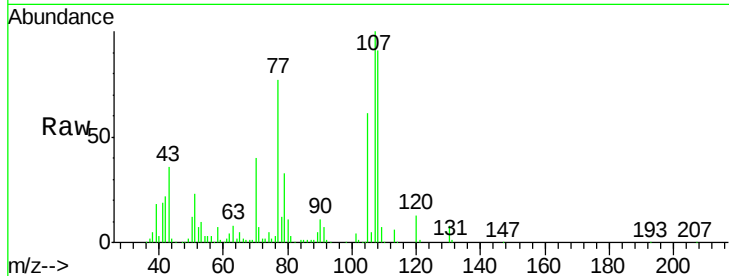
Ion Ratio Lower Upper

107 100

108 90.9 67.8 107.8

77 77.1 59.3 99.3

79 32.8 7.0 47.0

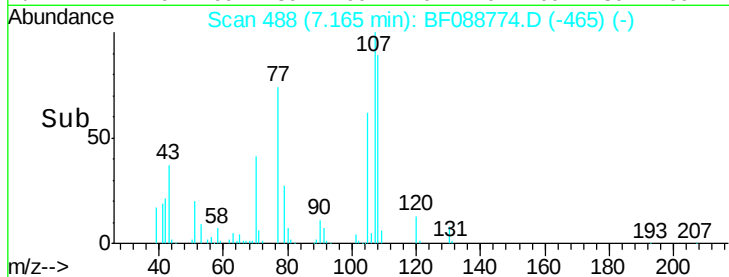


Abundance Ion 107.00 (106.70 to 107.70): E

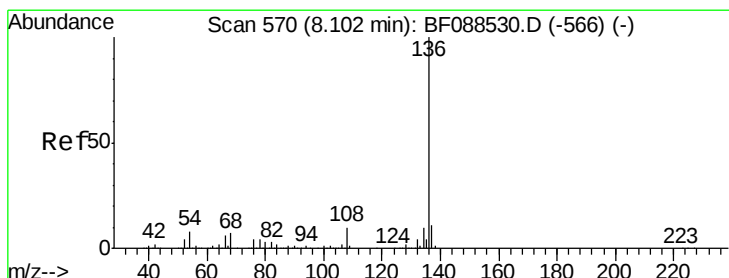
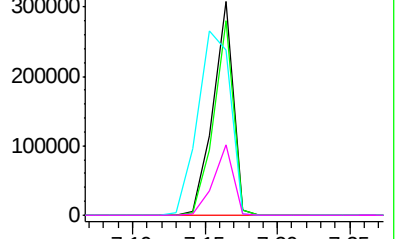
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Abundance



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Tgt Ion:136 Resp: 398023

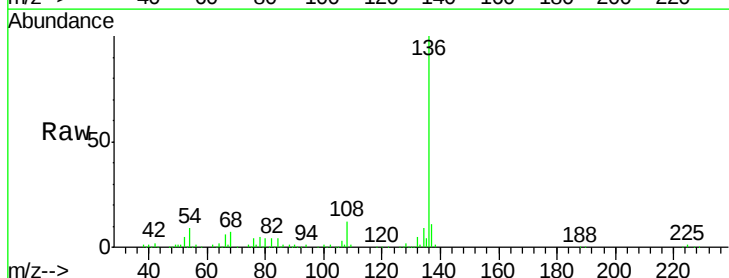
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.8 6.6 10.0

68 6.9 5.1 7.7

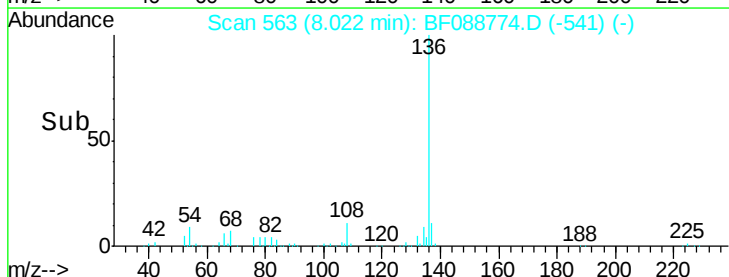


Abundance Ion 136.00 (135.70 to 136.70): E

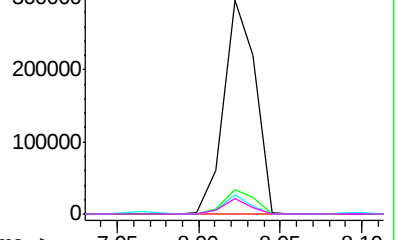
Ion 137.00 (136.70 to 137.70): E

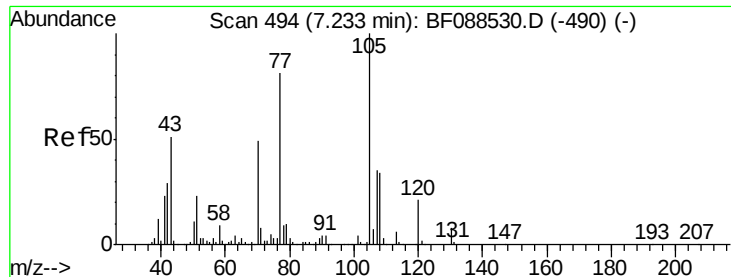
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Abundance





#22

Acetophenone

Concen: 41.88 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

Tgt Ion: 105 Resp: 404583

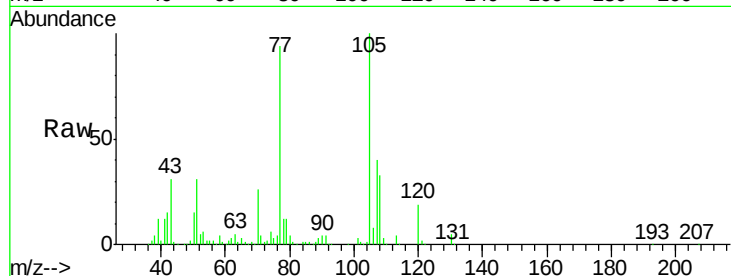
Ion Ratio Lower Upper

105 100

71 4.4 5.3 7.9#

51 31.4 18.2 27.4#

120 19.4 18.0 27.0

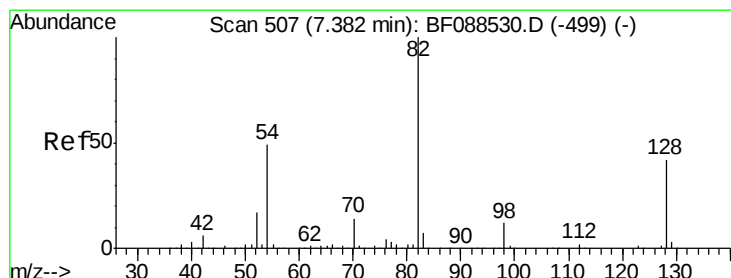
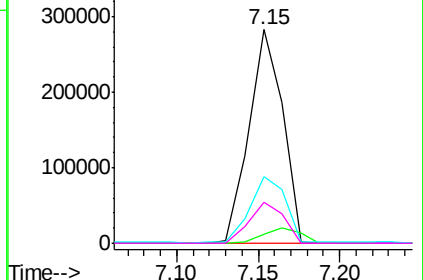
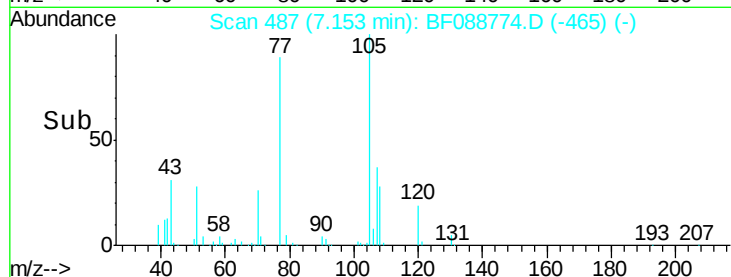


Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.86 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

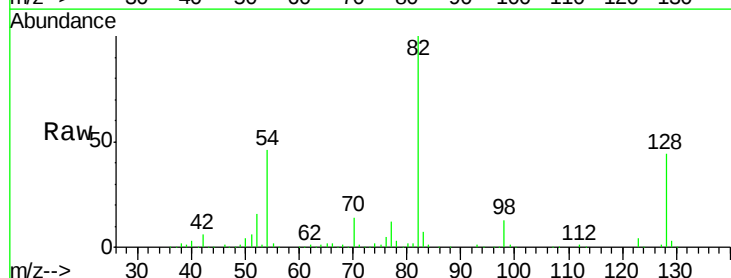
Tgt Ion: 82 Resp: 659724

Ion Ratio Lower Upper

82 100

128 43.6 35.9 53.9

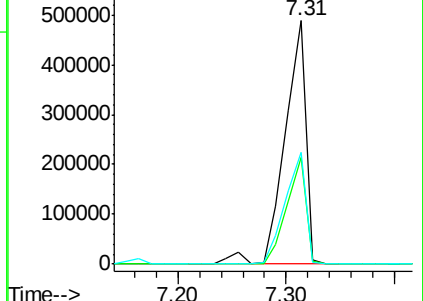
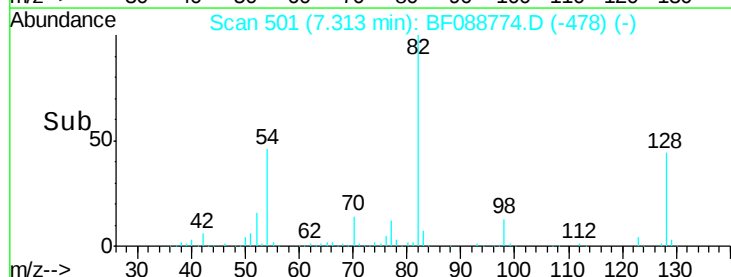
54 45.7 40.9 61.3

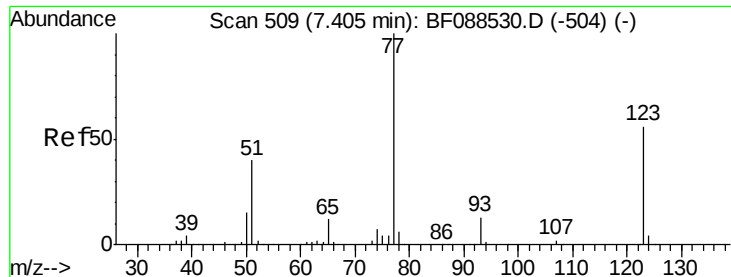


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 36.55 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

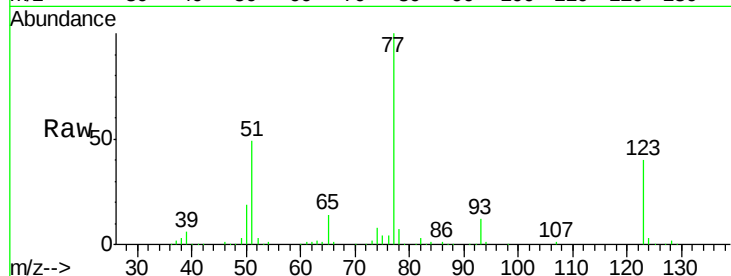
Tgt Ion: 77 Resp: 279919

Ion Ratio Lower Upper

77 100

123 40.2 45.0 67.4#

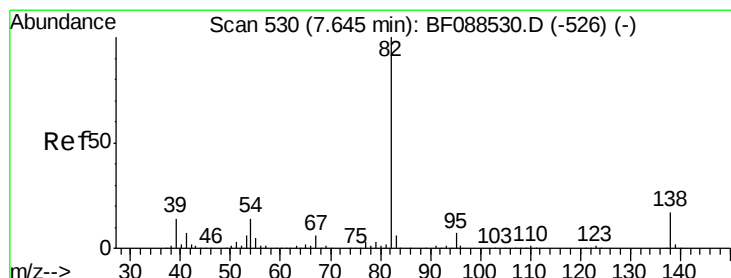
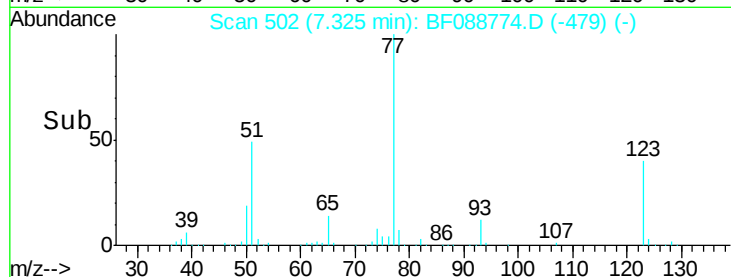
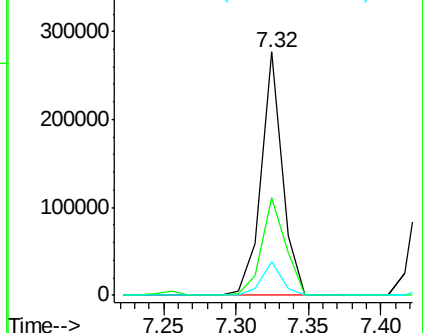
65 13.7 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 41.87 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

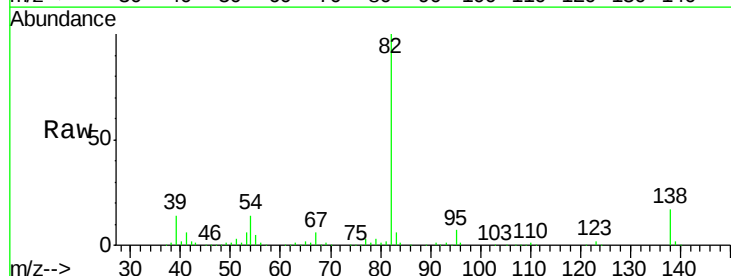
Tgt Ion: 82 Resp: 589096

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

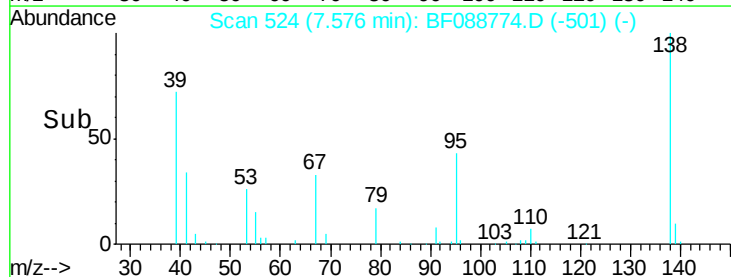
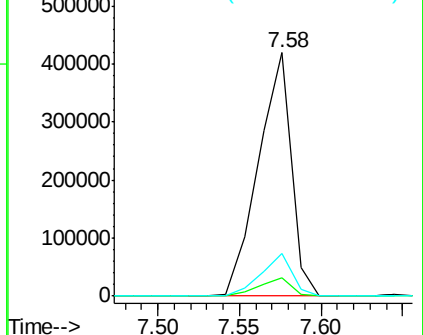
138 17.5 14.6 21.8

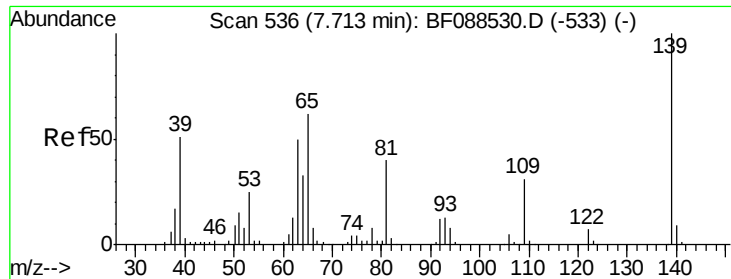


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

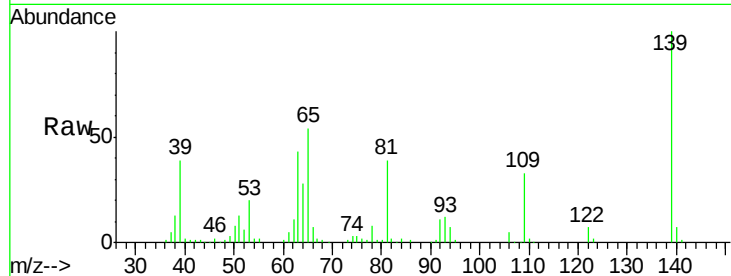




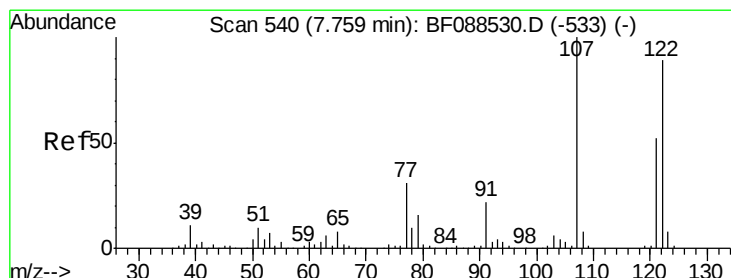
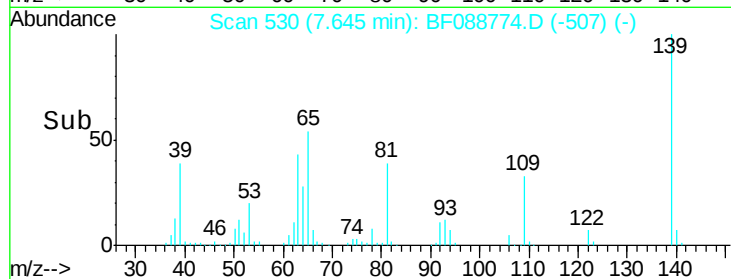
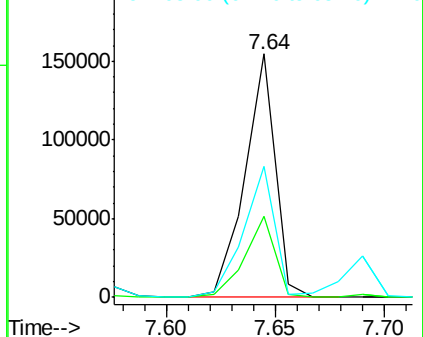
#26
2-Nitrophenol
Concen: 47.76 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB91702BS

Tgt Ion:139 Resp: 149973
Ion Ratio Lower Upper
139 100
109 33.1 23.0 34.4
65 53.7 45.8 68.8

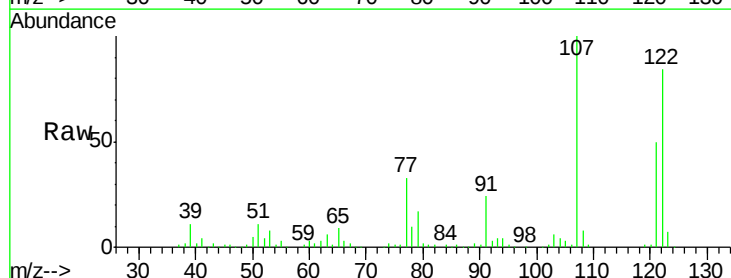


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

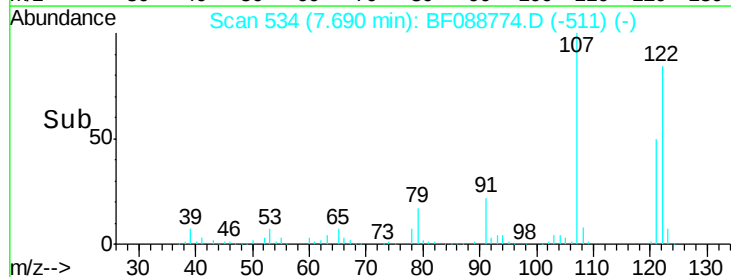
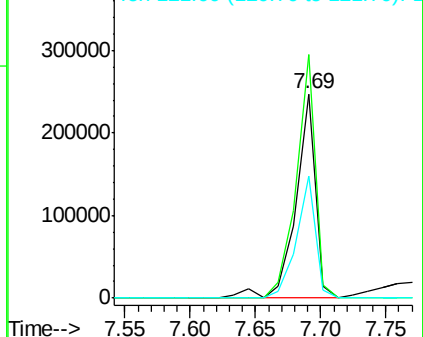


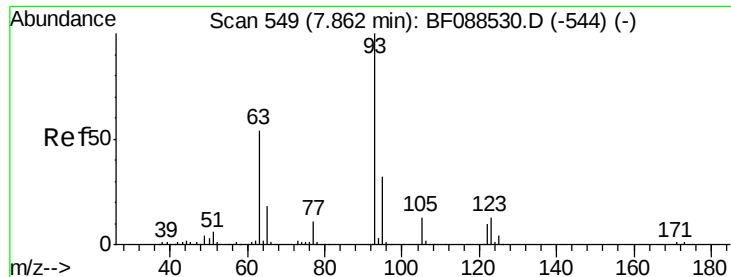
#27
2,4-Dimethylphenol
Concen: 39.78 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion:122 Resp: 260163
Ion Ratio Lower Upper
122 100
107 119.1 82.4 123.6
121 59.6 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

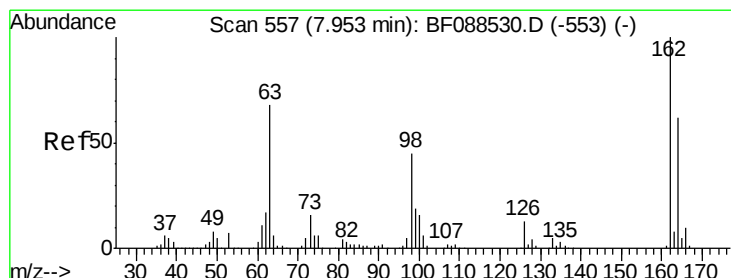
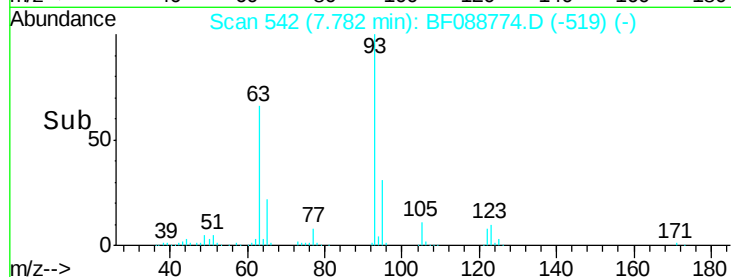
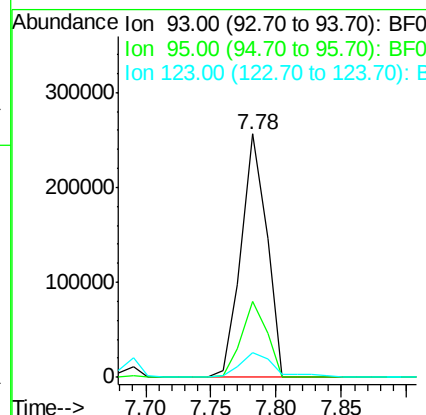
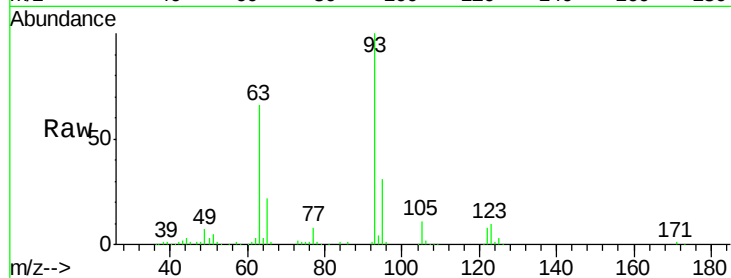




#28
bis(2-Chloroethoxy)methane
Concen: 37.92 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

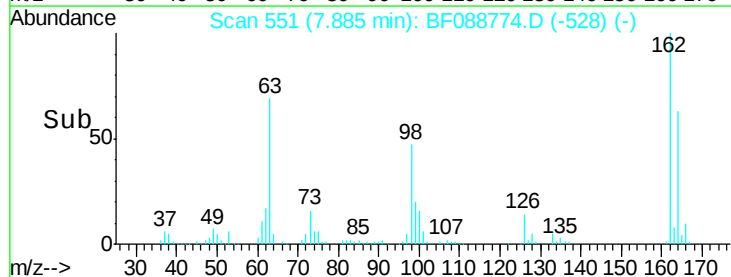
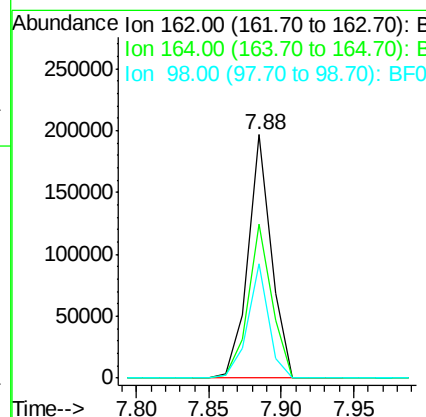
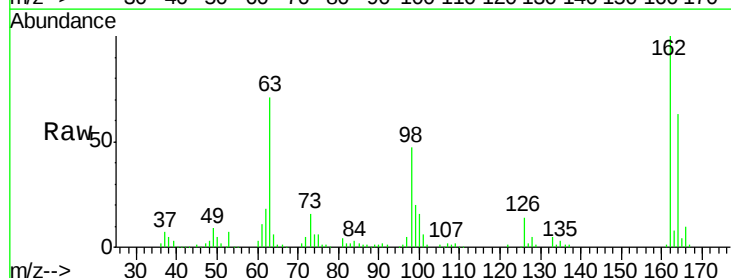
Instrument :
BNA_F
ClientSampleId :
PB91702BS

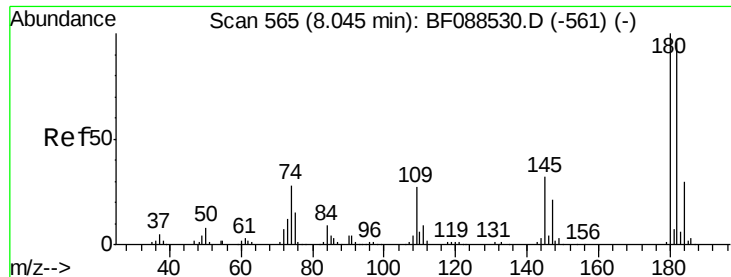
Tgt Ion: 93 Resp: 347150
Ion Ratio Lower Upper
93 100
95 31.3 26.5 39.7
123 10.0 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 41.68 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion: 162 Resp: 220314
Ion Ratio Lower Upper
162 100
164 63.2 43.8 83.8
98 47.1 21.3 61.3

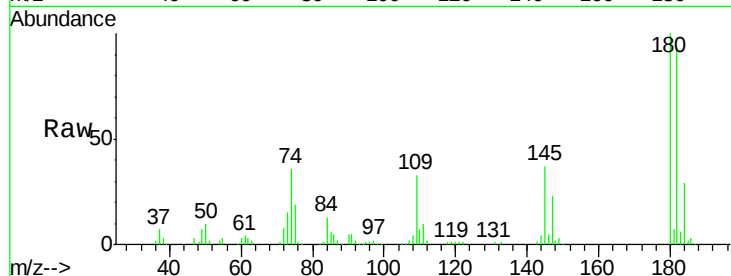




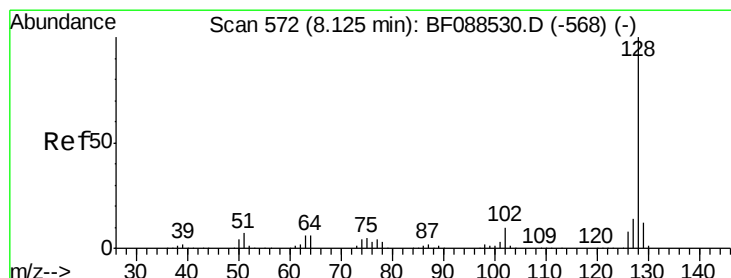
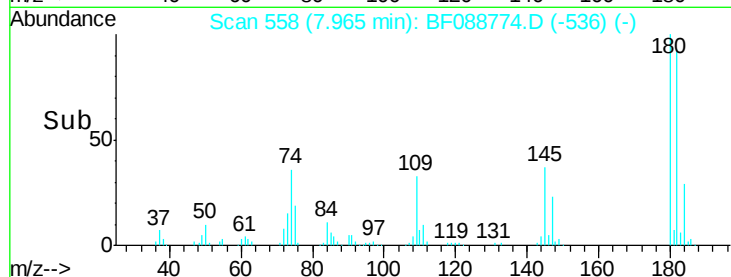
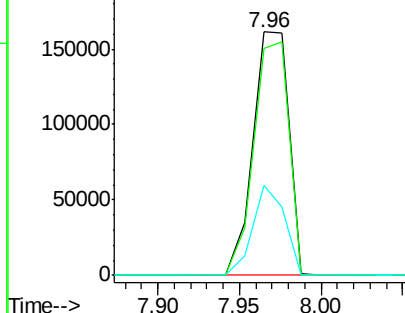
#30
 1,2,4-Trichlorobenzene
 Concen: 42.37 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion:180 Resp: 245779
 Ion Ratio Lower Upper
 180 100
 182 93.0 76.0 114.0
 145 36.9 26.5 39.7

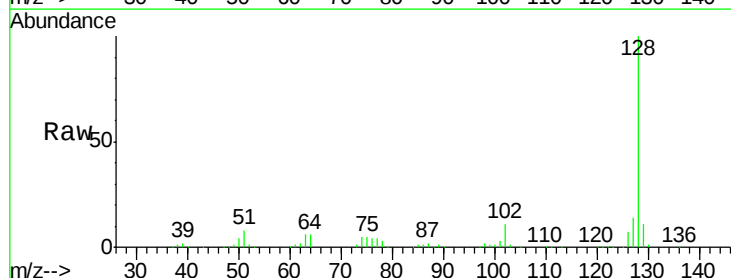


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

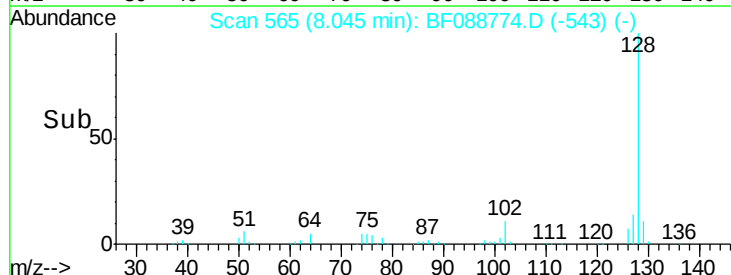
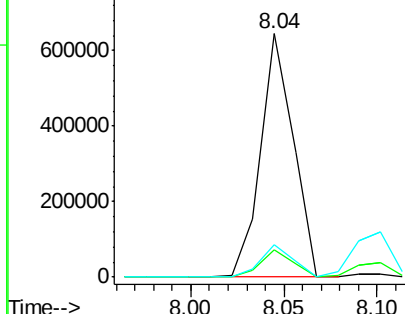


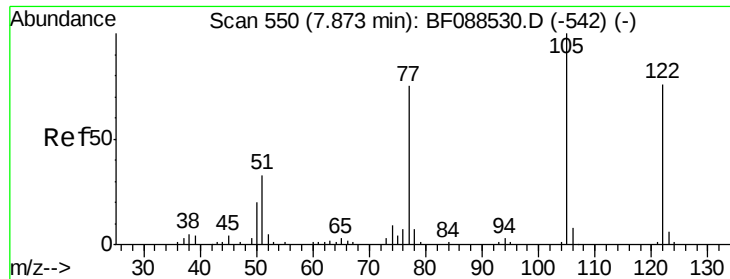
#31
 Naphthalene
 Concen: 39.67 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.05 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Tgt Ion:128 Resp: 778426
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.4 14.2
 127 13.6 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

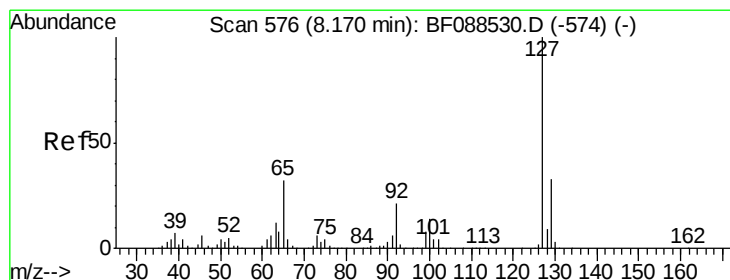
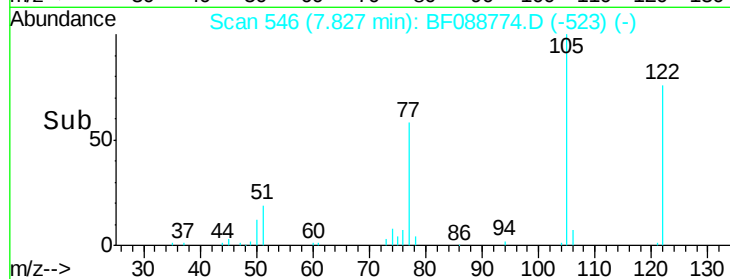
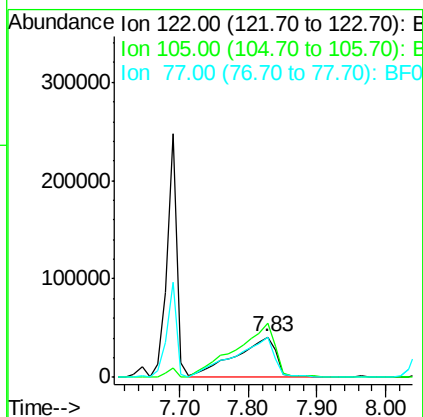
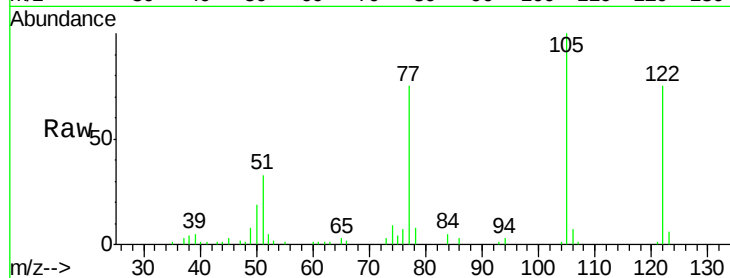




#32
Benzoic acid
Concen: 35.53 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

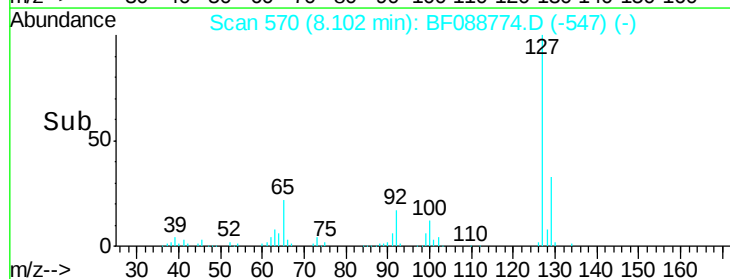
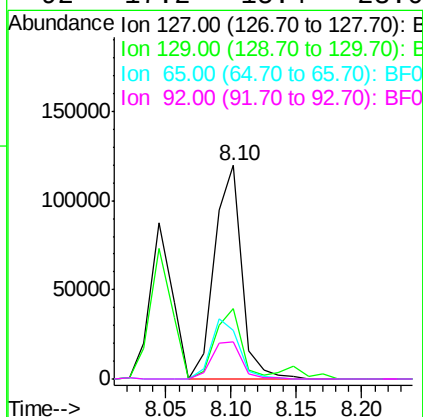
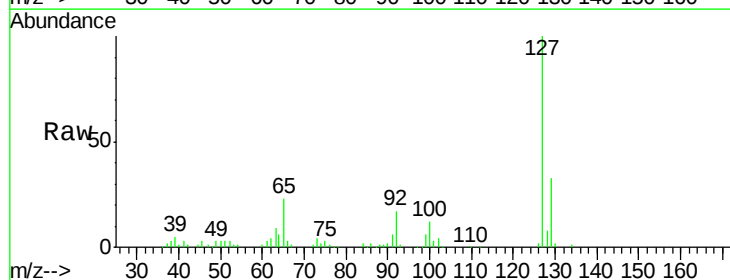
Instrument :
BNA_F
ClientSampleId :
PB91702BS

Tgt Ion:122 Resp: 168708
Ion Ratio Lower Upper
122 100
105 132.9 101.6 141.6
77 100.2 70.6 110.6



#33
4-Chloroaniline
Concen: 19.88 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion:127 Resp: 173578
Ion Ratio Lower Upper
127 100
129 32.7 26.3 39.5
65 22.6 24.7 37.1#
92 17.2 15.4 23.0

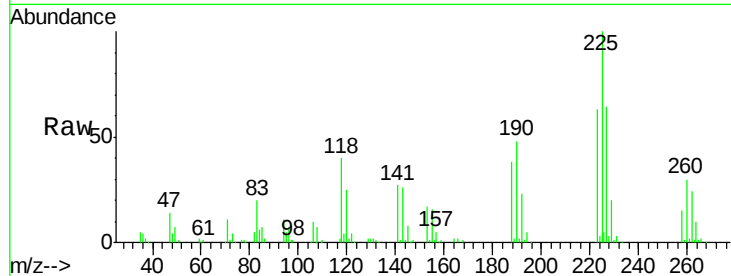




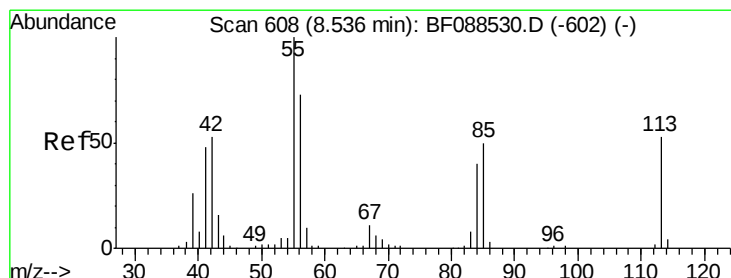
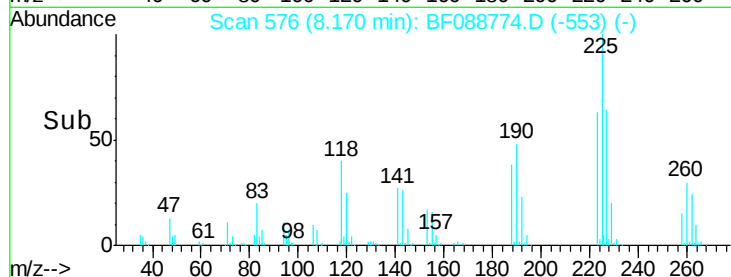
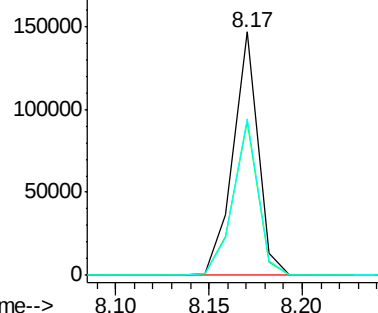
#34
Hexachlorobutadiene
Concen: 43.60 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB91702BS

Tgt Ion: 225 Resp: 135408
Ion Ratio Lower Upper
225 100
223 63.4 50.9 76.3
227 64.3 51.9 77.9

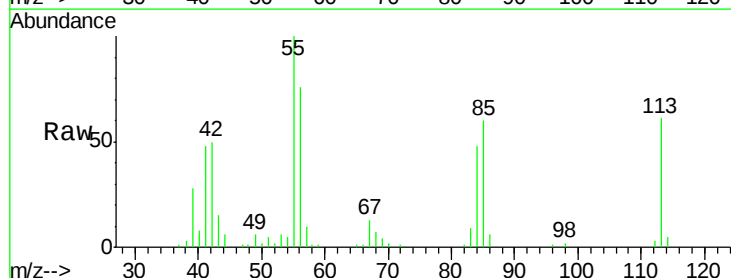


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

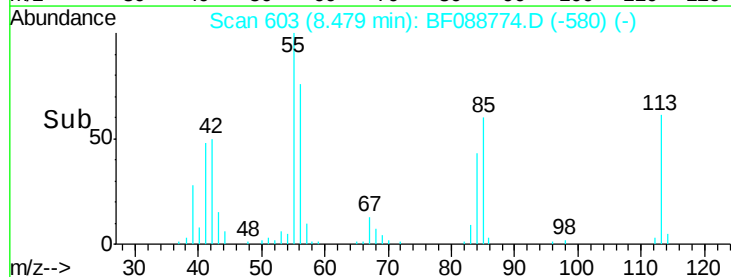
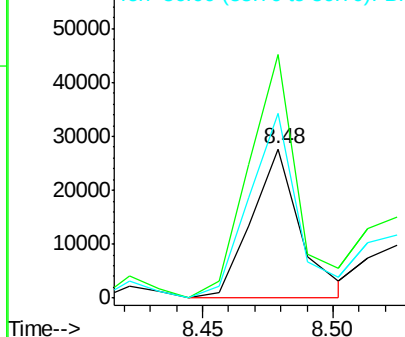


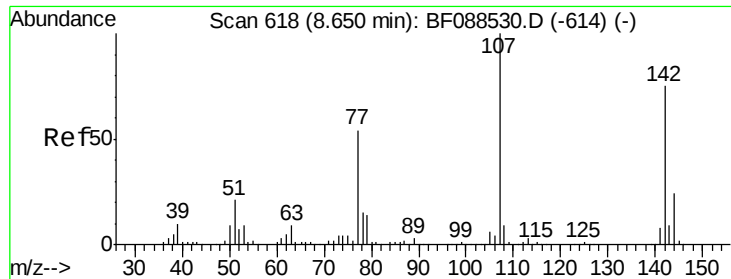
#35
Caprolactam
Concen: 20.22 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion: 113 Resp: 36304
Ion Ratio Lower Upper
113 100
55 163.4 158.6 198.6
56 124.1 110.6 150.6



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

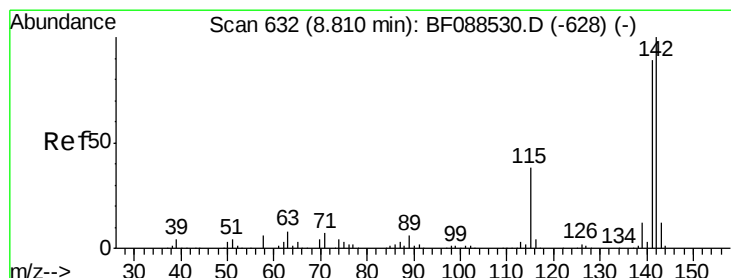
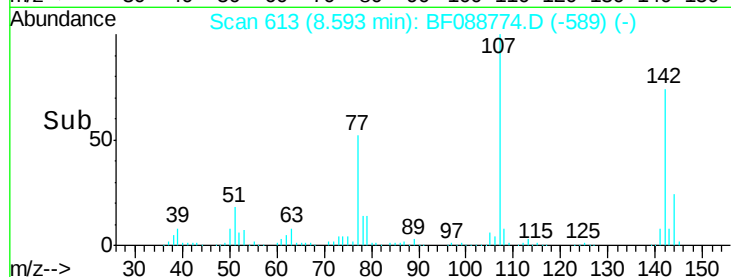
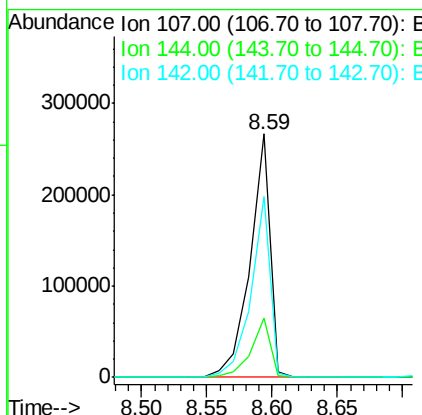
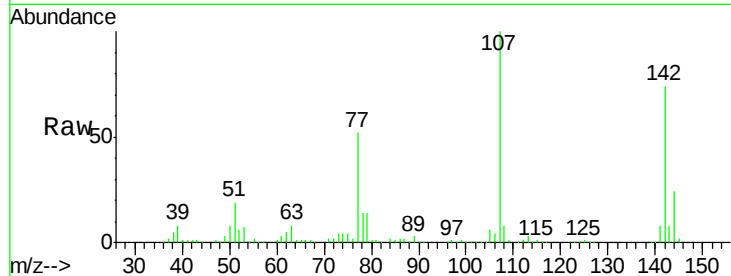




#36
 4-Chloro-3-methylphenol
 Concen: 45.63 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

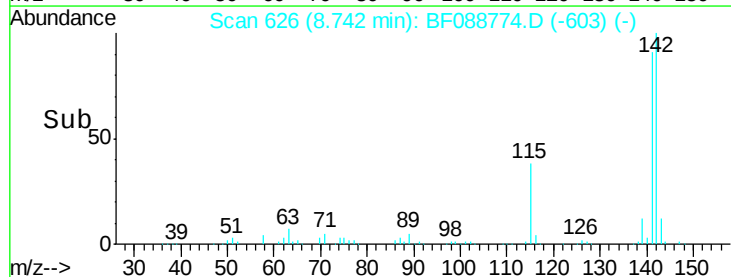
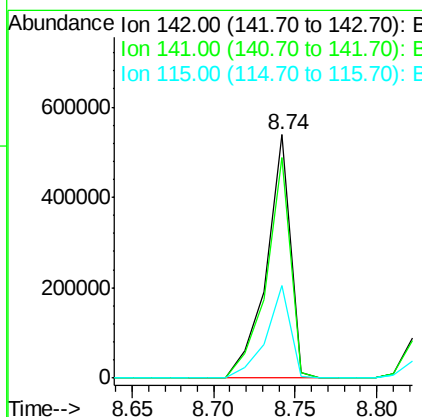
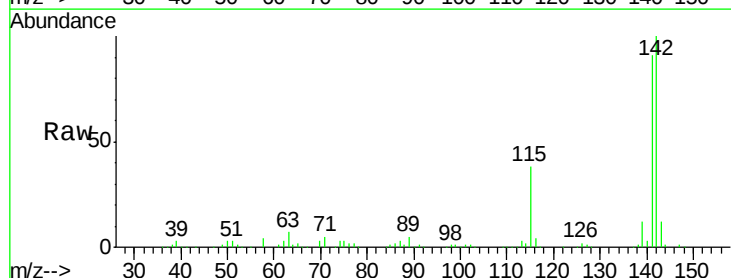
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

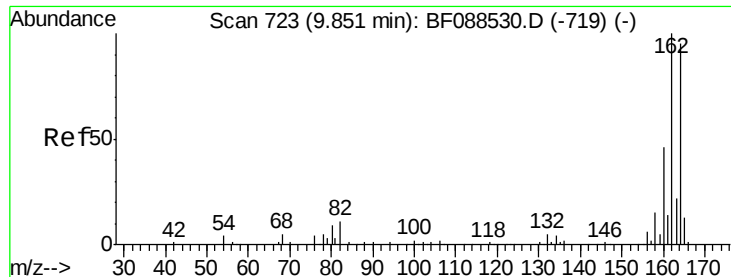
Tgt Ion:107 Resp: 285246
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.8 31.2
 142 74.4 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 43.77 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Tgt Ion:142 Resp: 553027
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.0 106.6
 115 38.0 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

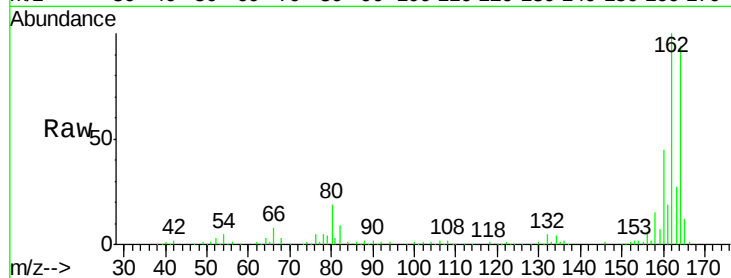
Tgt Ion:164 Resp: 197515

Ion Ratio Lower Upper

164 100

162 106.8 85.4 128.2

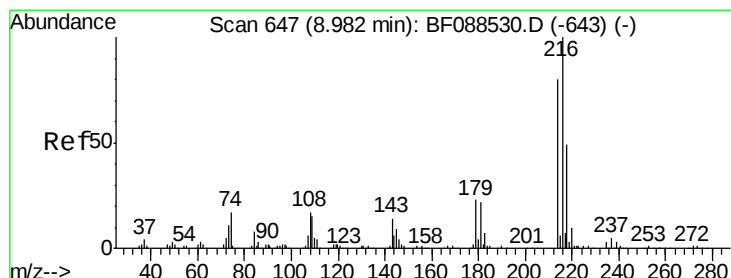
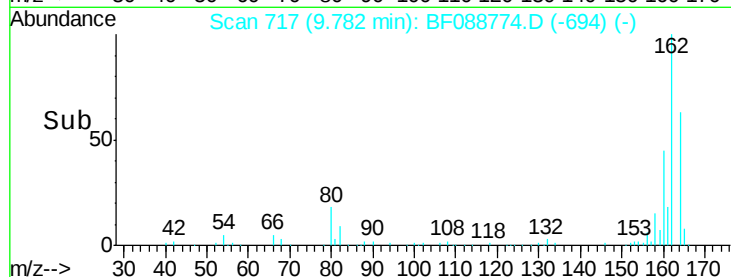
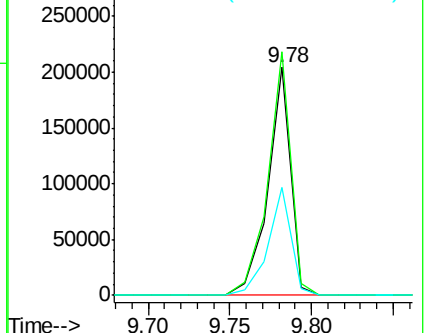
160 47.5 39.5 59.3



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: 36.31 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Tgt Ion:216 Resp: 238548

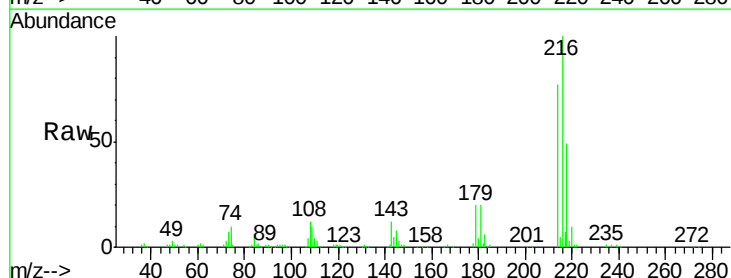
Ion Ratio Lower Upper

216 100

214 78.0 2.9 4.3#

179 22.5 0.0 0.0#

108 21.6 0.5 0.7#

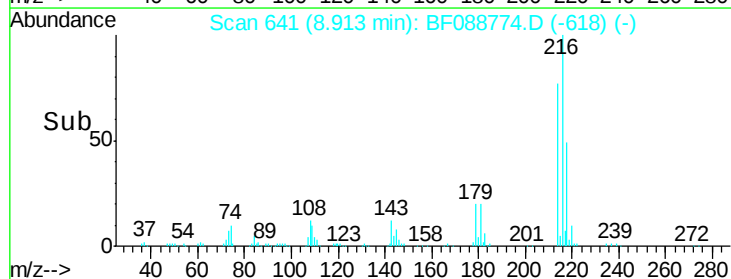
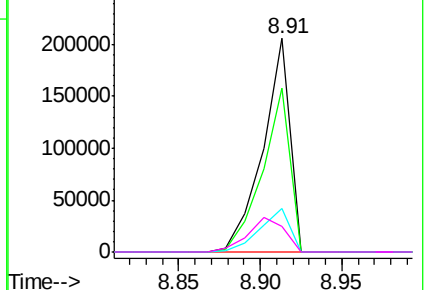


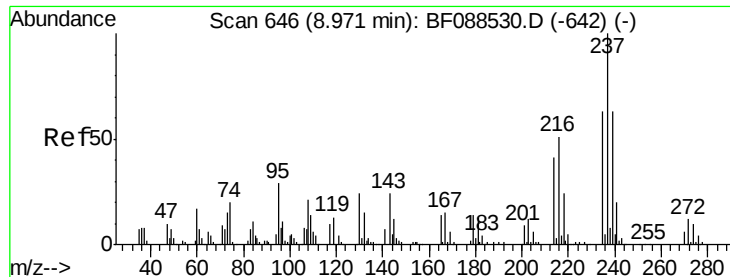
Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.60 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

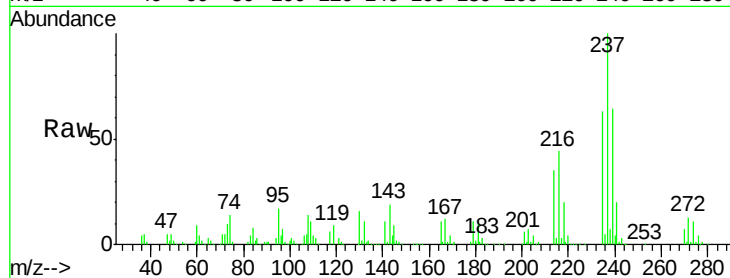
Tgt Ion:237 Resp: 256669

Ion Ratio Lower Upper

237 100

235 62.7 43.4 83.4

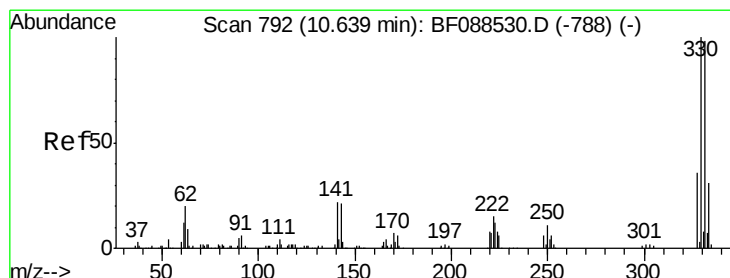
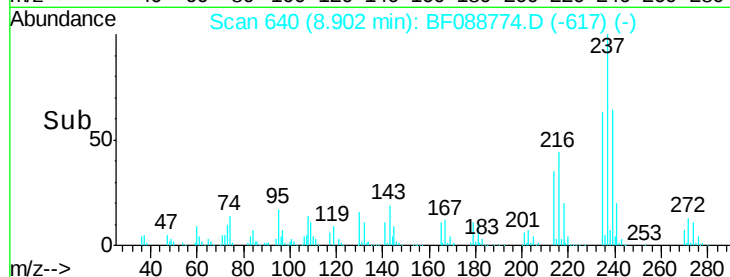
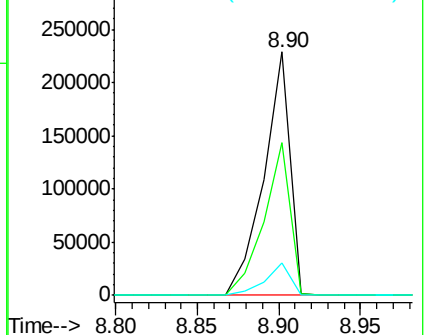
272 13.2 0.0 32.3



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: 128.98 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

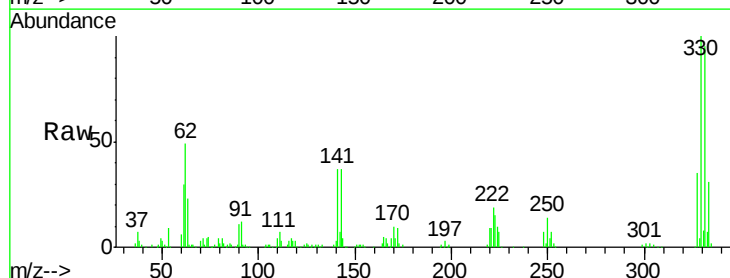
Tgt Ion:330 Resp: 236574

Ion Ratio Lower Upper

330 100

332 94.8 0.0 0.0#

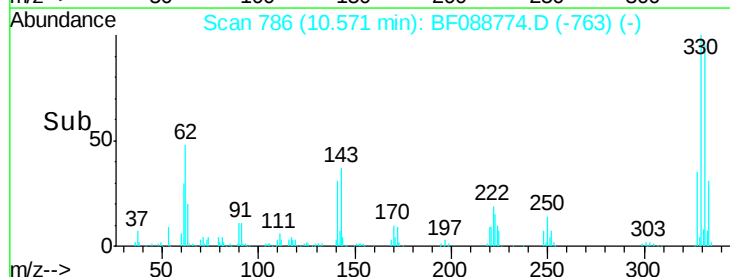
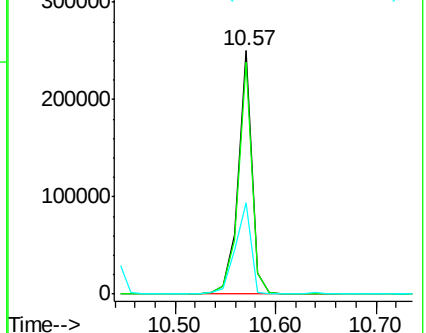
141 43.0 0.0 0.0#

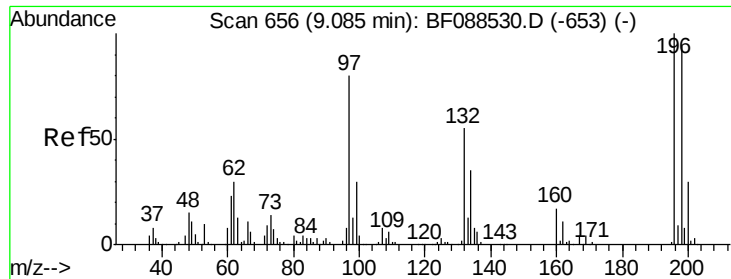


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

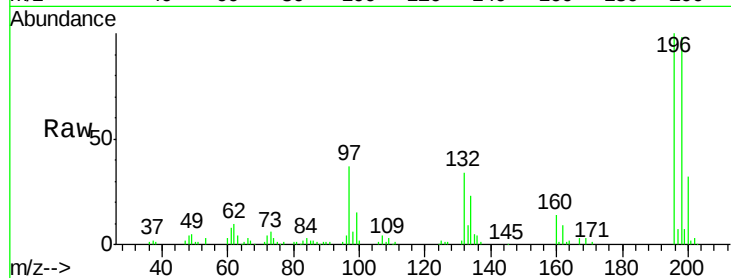




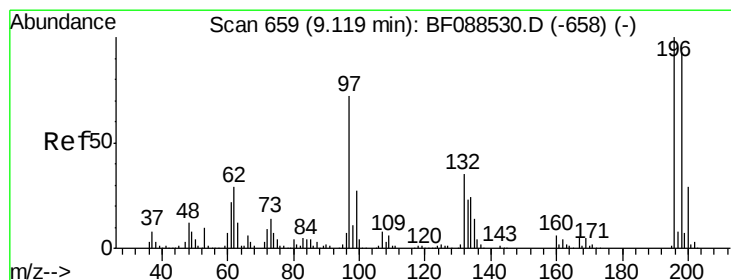
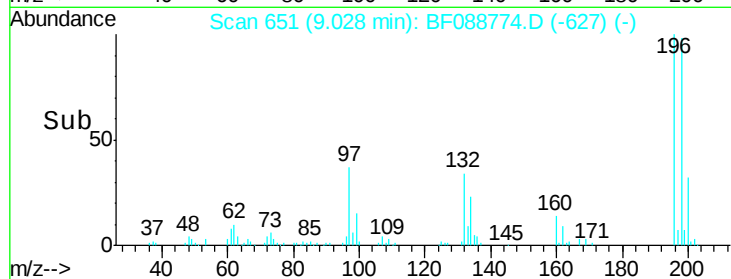
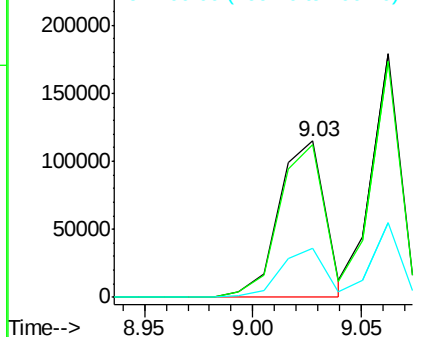
#42
2,4,6-Trichlorophenol
Concen: 39.23 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB91702BS

Tgt Ion:196 Resp: 169904
Ion Ratio Lower Upper
196 100
198 98.0 78.0 117.0
200 31.5 25.4 38.2

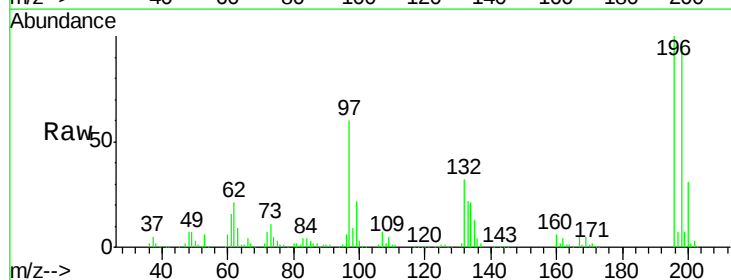


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

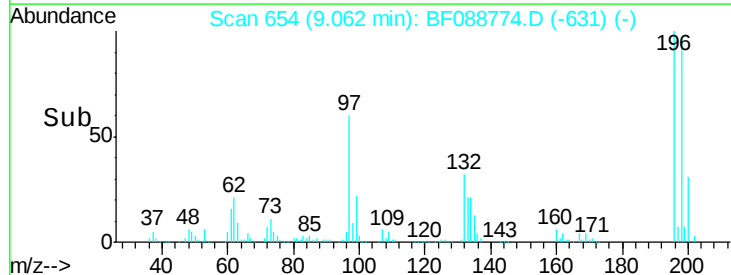
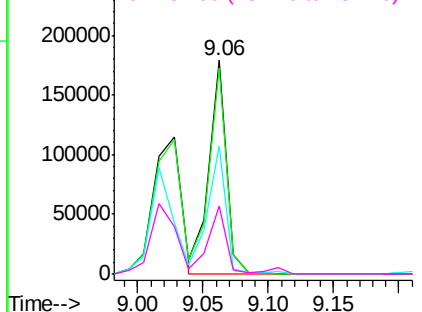


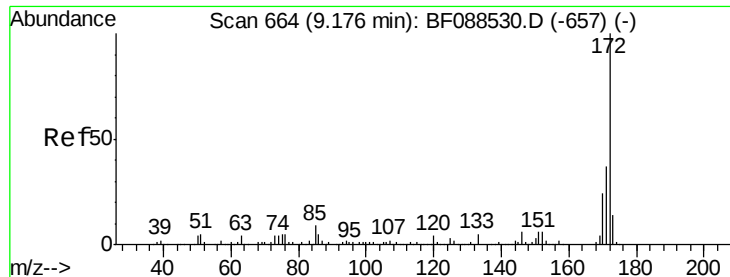
#43
2,4,5-Trichlorophenol
Concen: 44.75 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion:196 Resp: 166750
Ion Ratio Lower Upper
196 100
198 96.8 77.5 116.3
97 59.8 32.0 48.0#
132 31.9 20.9 31.3#



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





#44

2-Fluorobiphenyl

Concen: 81.08 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

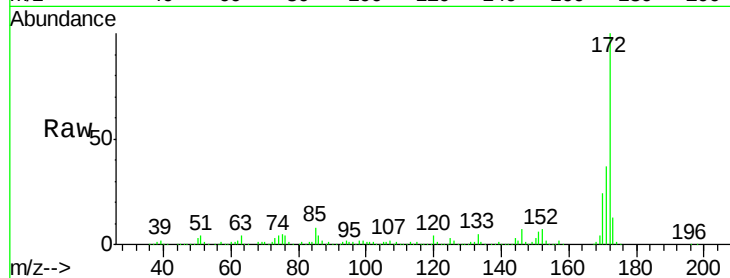
Tgt Ion:172 Resp: 1013866

Ion Ratio Lower Upper

172 100

171 36.7 28.6 43.0

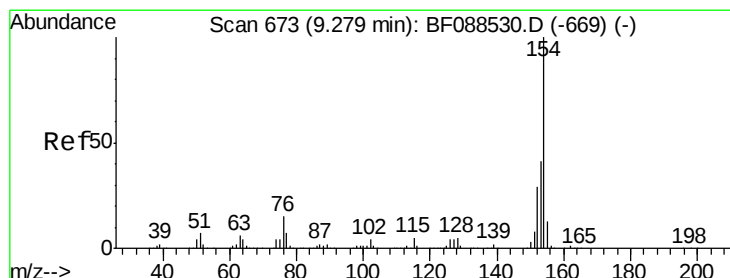
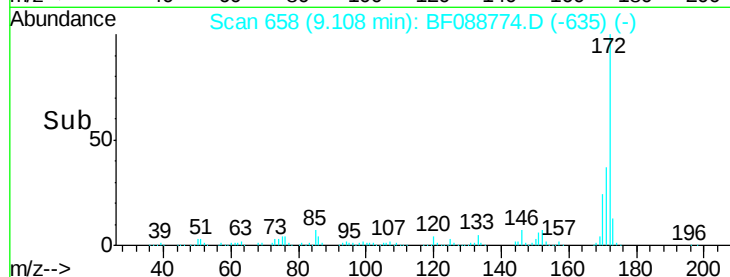
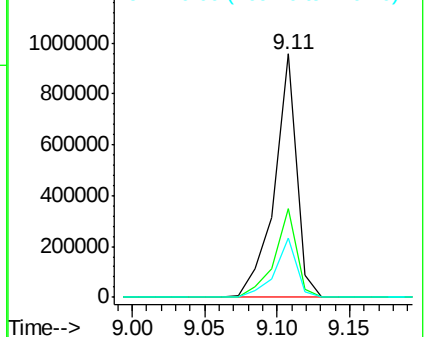
170 24.4 19.2 28.8



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: 41.93 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

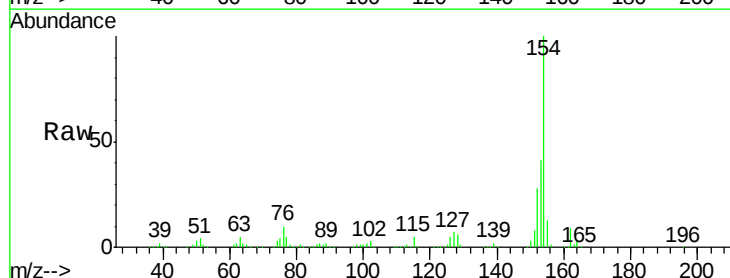
Tgt Ion:154 Resp: 685753

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

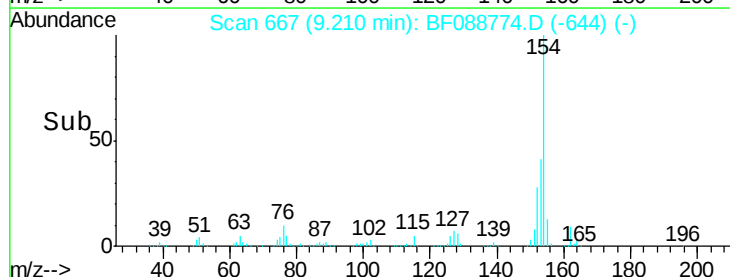
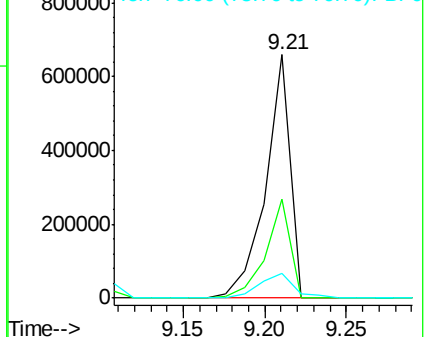
76 10.1 0.0 35.1

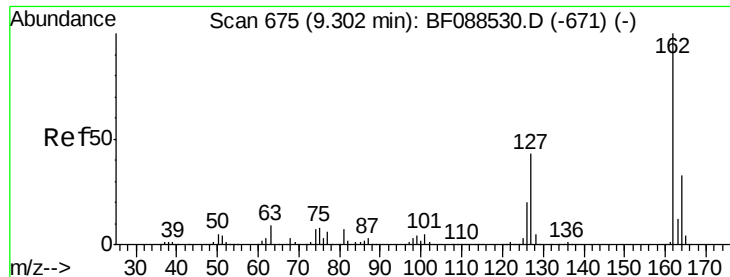


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

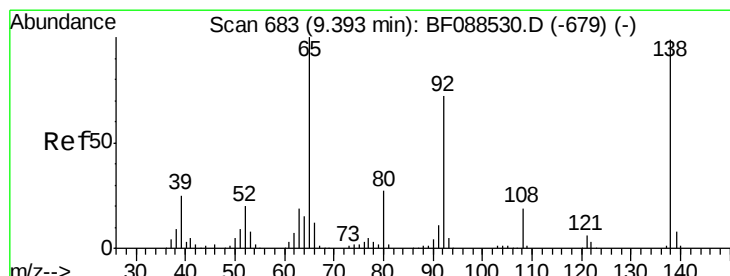
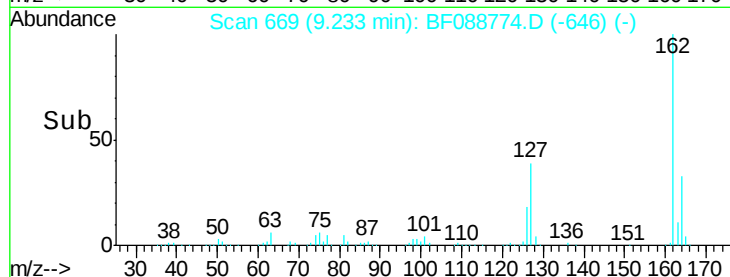
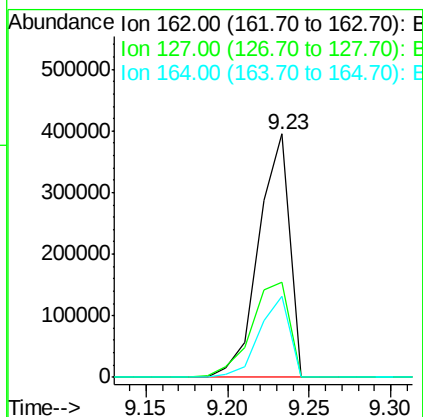
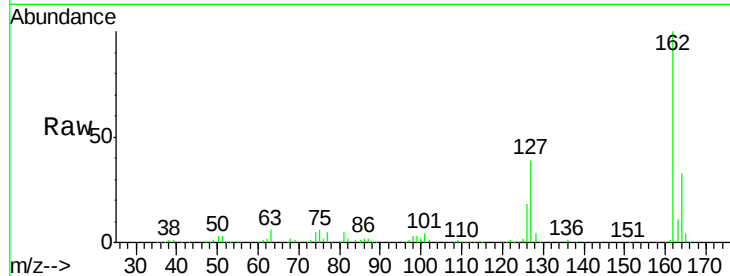




#46
 2-Chloronaphthalene
 Concen: 40.41 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

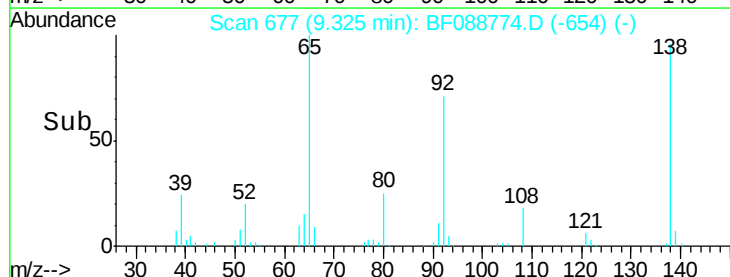
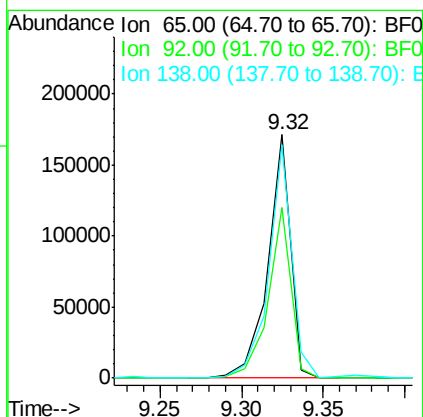
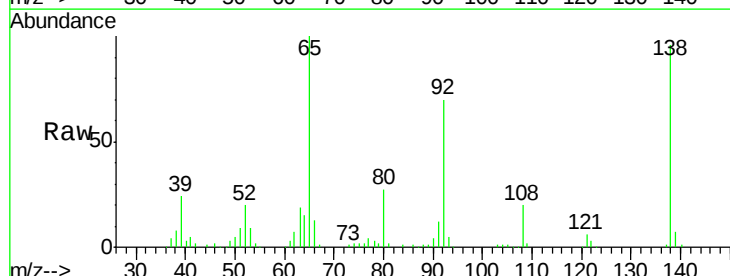
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion: 162 Resp: 518891
 Ion Ratio Lower Upper
 162 100
 127 38.9 35.2 52.8
 164 33.4 26.6 39.8



#47
 2-Nitroaniline
 Concen: 36.43 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Tgt Ion: 65 Resp: 165993
 Ion Ratio Lower Upper
 65 100
 92 70.1 54.6 82.0
 138 95.7 77.0 115.4





#48

Acenaphthylene

Concen: 41.01 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampled :

PB91702BS

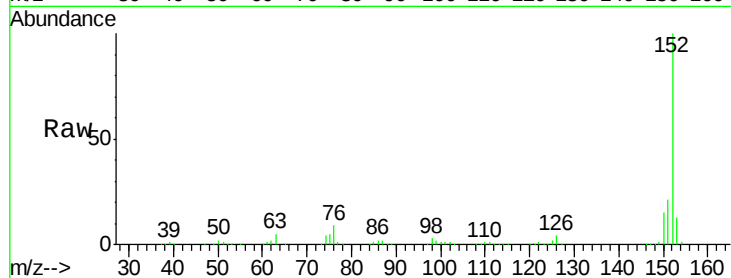
Tgt Ion:152 Resp: 837835

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

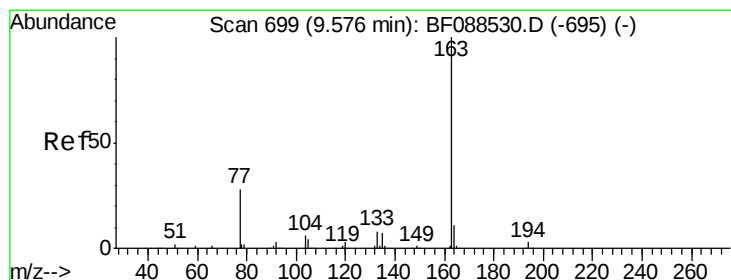
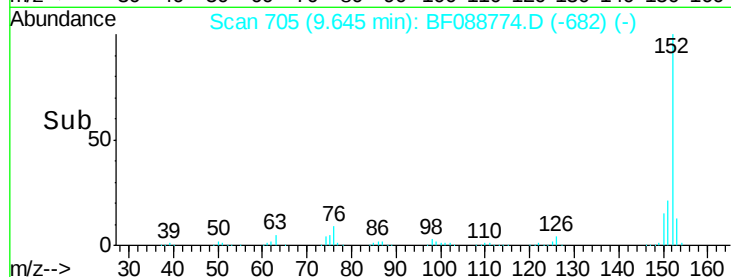
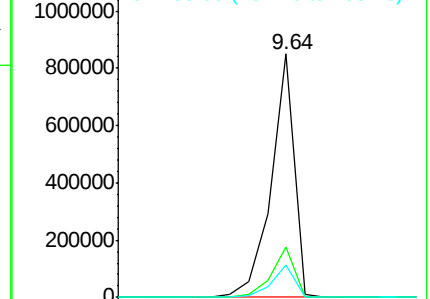
153 13.5 11.0 16.6



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: 46.65 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

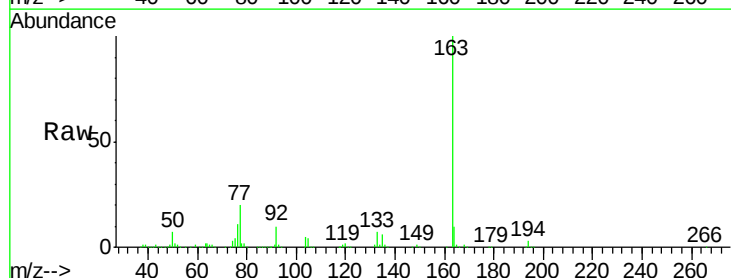
Tgt Ion:163 Resp: 656413

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

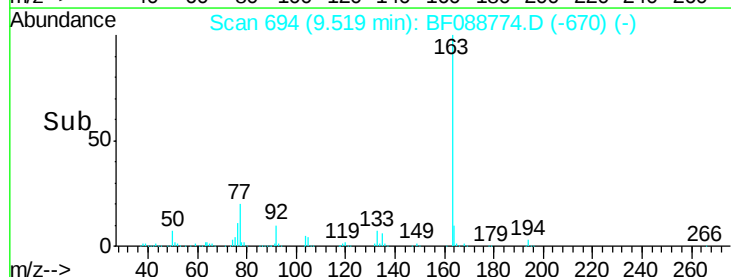
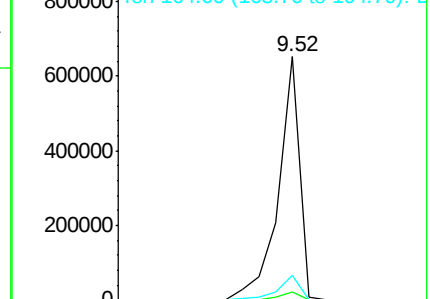
164 10.1 8.3 12.5

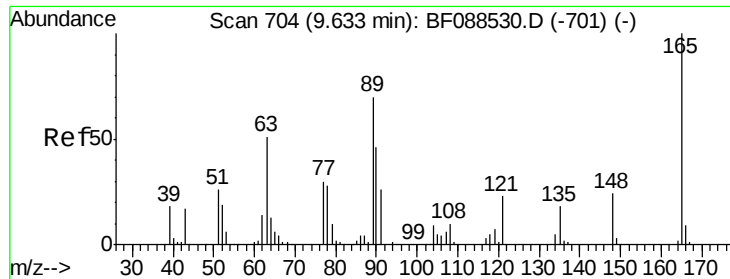


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

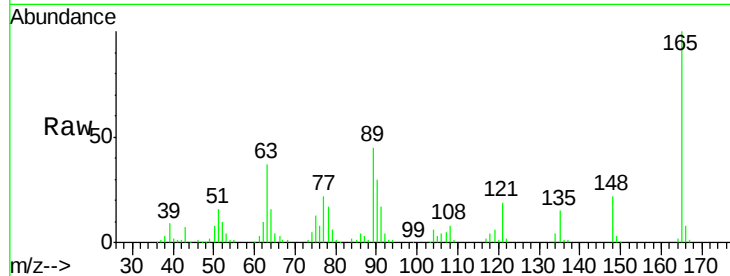




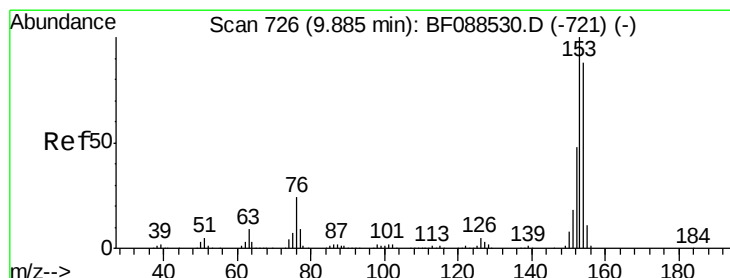
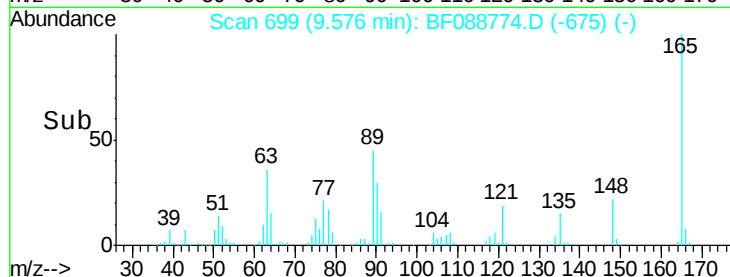
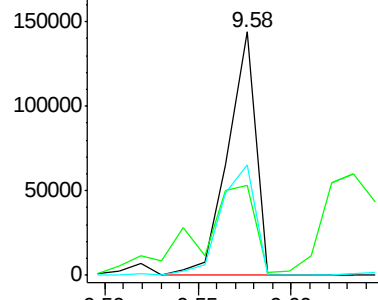
#50
2,6-Dinitrotoluene
Concen: 48.53 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB91702BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.2	28.1	42.1
89	45.2	32.2	48.2

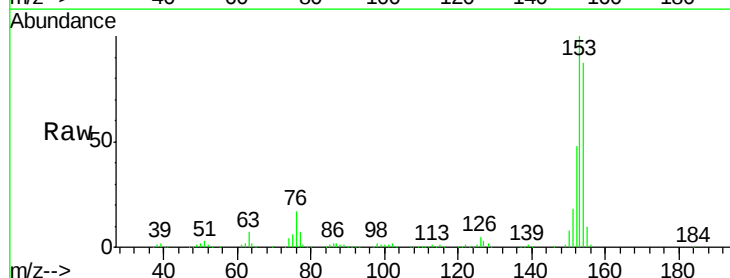


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

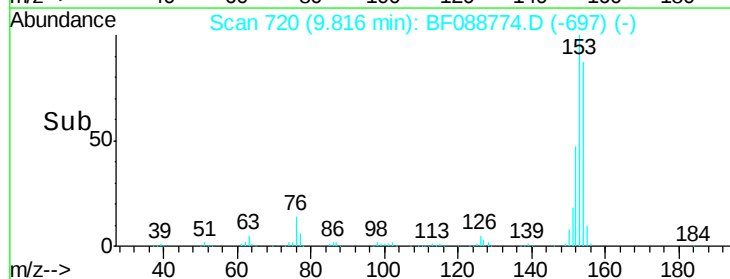
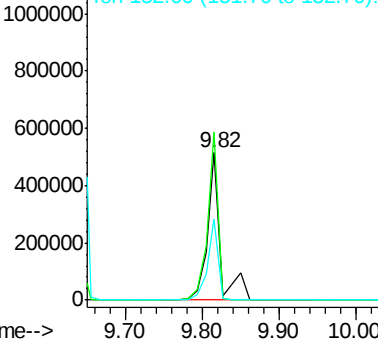


#51
Acenaphthene
Concen: 48.96 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.5	134.3
152	54.6	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

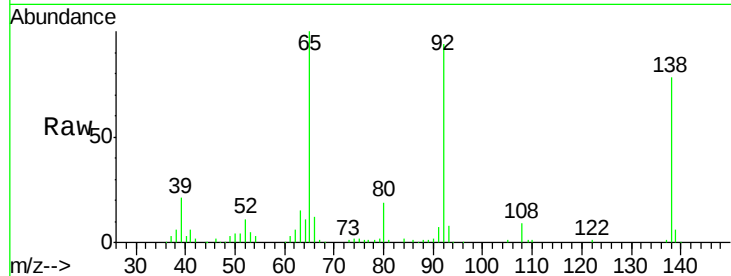




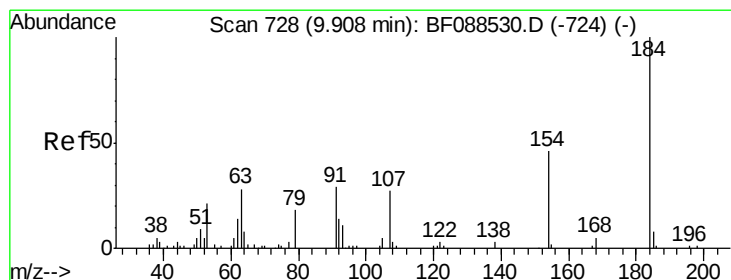
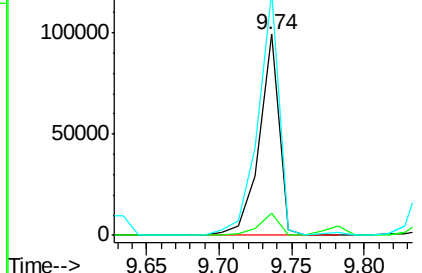
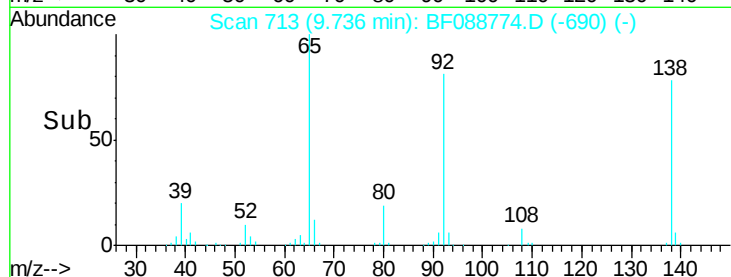
#52
 3-Nitroaniline
 Concen: 23.94 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.03 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion:138 Resp: 94904
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.5 12.7
 92 121.1 95.7 143.5

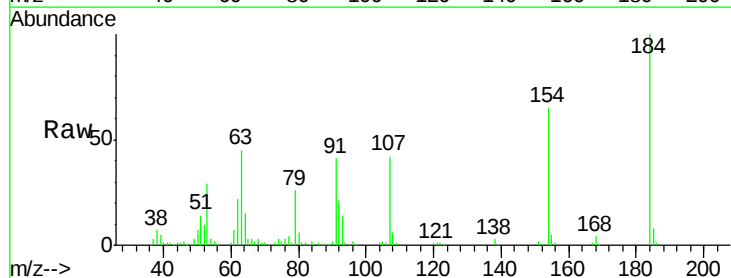


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

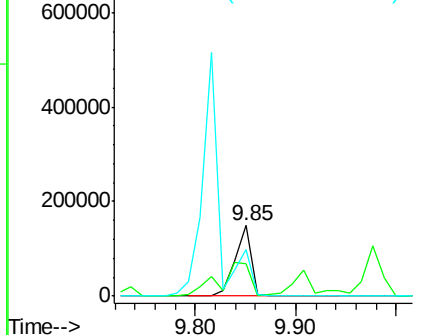
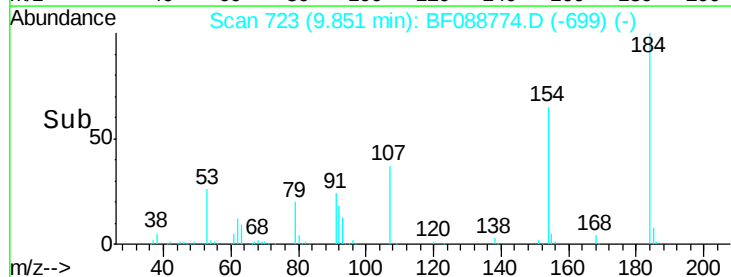


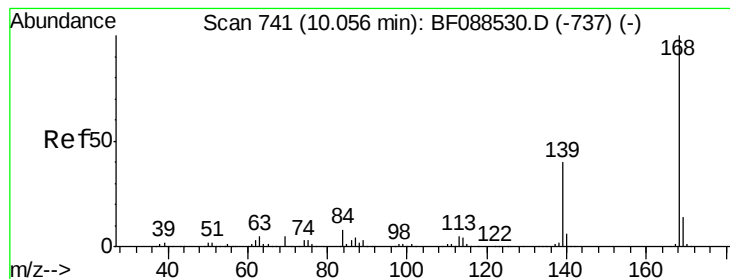
#53
 2,4-Dinitrophenol
 Concen: 121.81 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Tgt Ion:184 Resp: 167733
 Ion Ratio Lower Upper
 184 100
 63 45.3 57.6 86.4#
 154 65.4 53.5 80.3



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





#54

Dibenzenofuran

Concen: 43.57 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

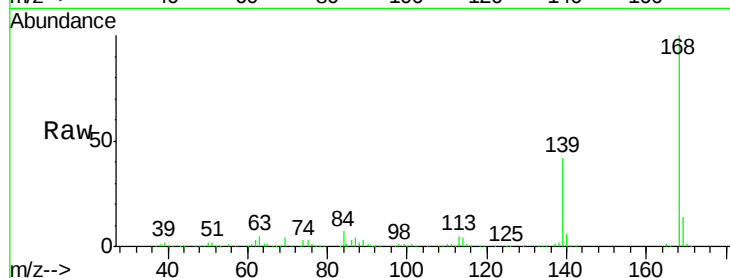
Tgt Ion:168 Resp: 714136

Ion Ratio Lower Upper

168 100

139 42.3 26.4 39.6#

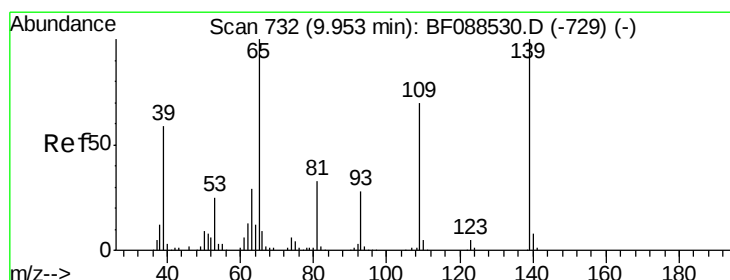
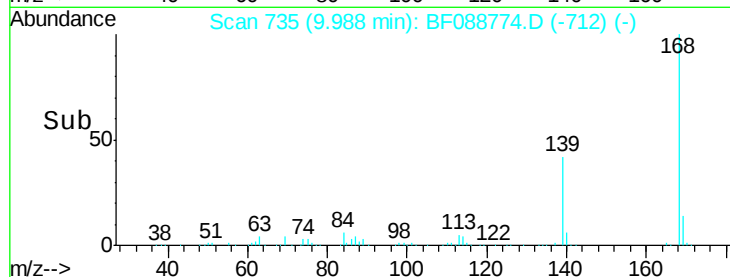
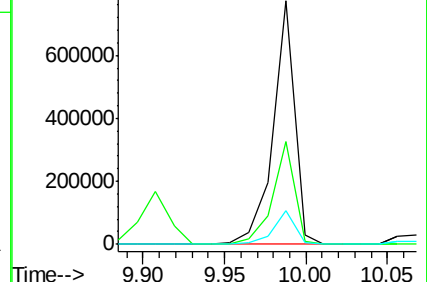
169 13.7 10.4 15.6



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: 70.76 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

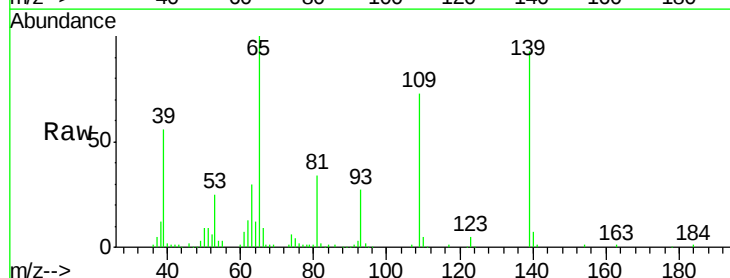
Tgt Ion:139 Resp: 213173

Ion Ratio Lower Upper

139 100

109 78.3 48.9 88.9

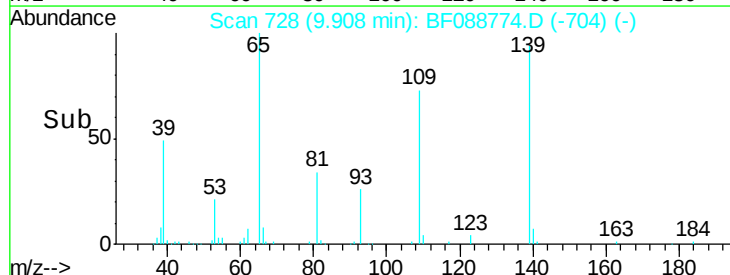
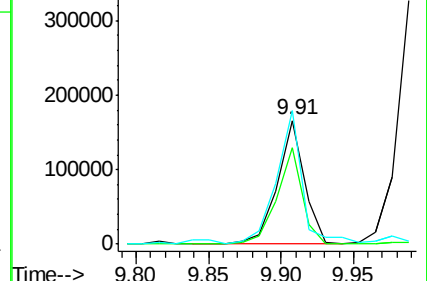
65 107.5 84.9 124.9

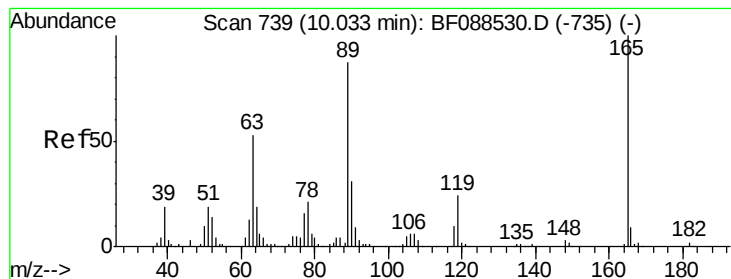


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 42.57 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

Tgt Ion:165 Resp: 173588

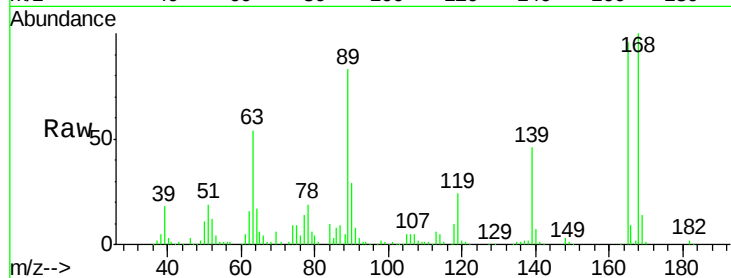
Ion Ratio Lower Upper

165 100

63 56.4 22.0 33.0#

89 86.8 41.1 61.7#

182 2.3 2.0 3.0

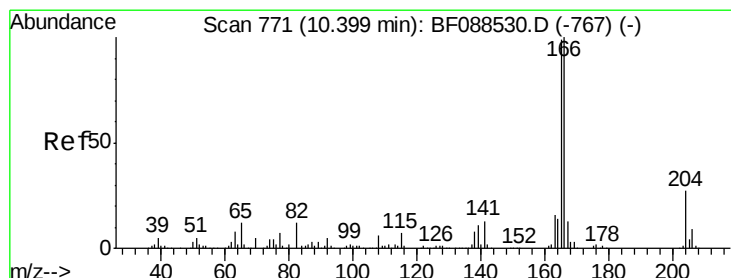
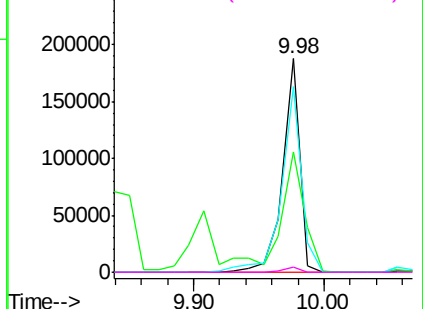
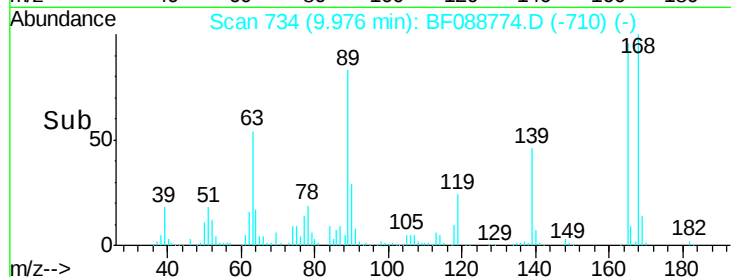


Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.34 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

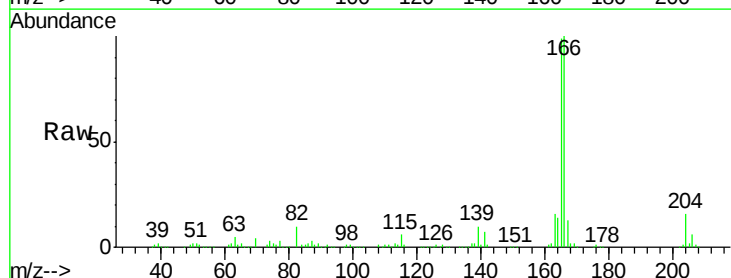
Tgt Ion:166 Resp: 597989

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

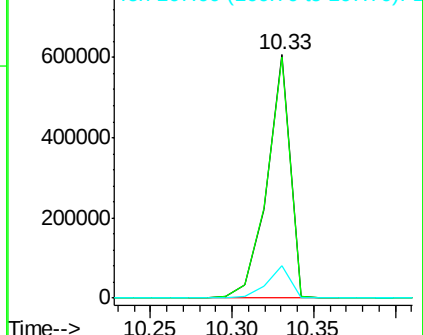
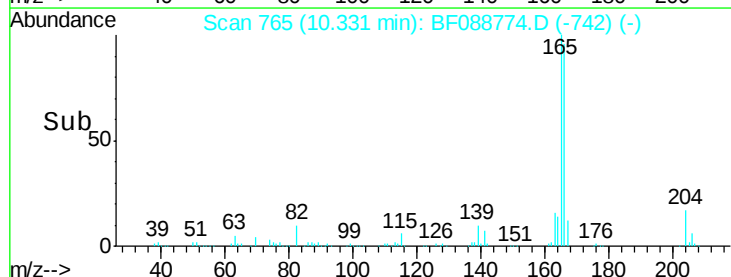
167 13.3 11.2 16.8



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

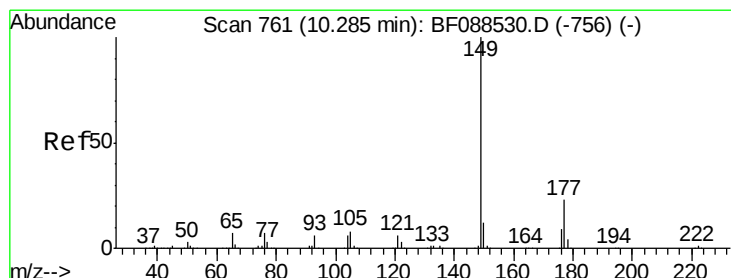
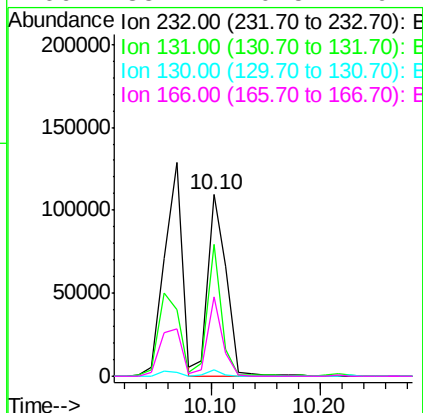
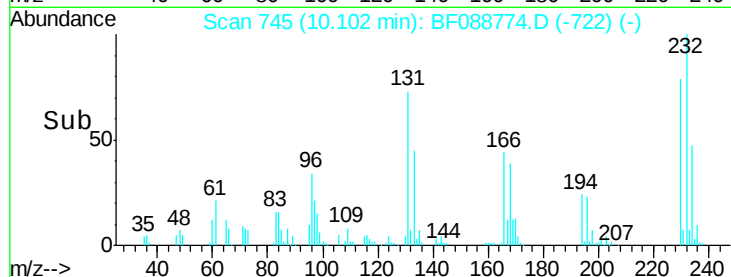
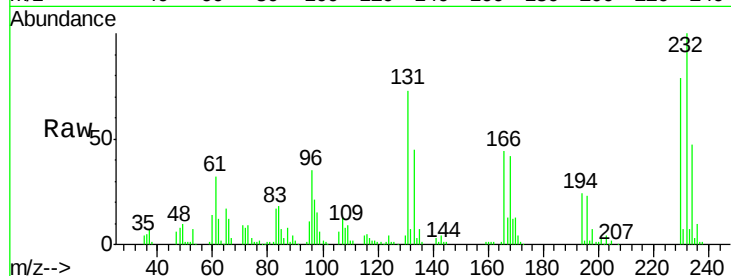




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.49 ng
 RT: 10.10 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

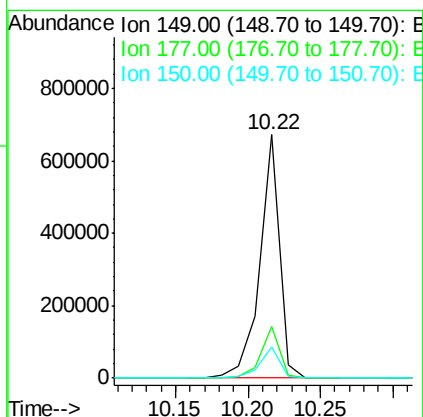
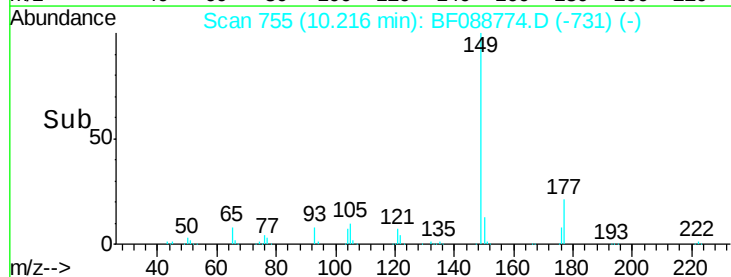
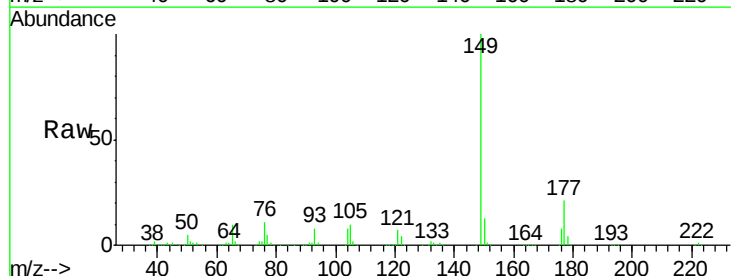
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion: 232 Resp: 131166
 Ion Ratio Lower Upper
 232 100
 131 55.6 0.9 1.3#
 130 2.8 1.5 2.3#
 166 35.4 0.5 0.7#



#59
 Diethylphthalate
 Concen: 44.72 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Tgt Ion: 149 Resp: 631522
 Ion Ratio Lower Upper
 149 100
 177 21.1 16.9 25.3
 150 12.7 10.1 15.1

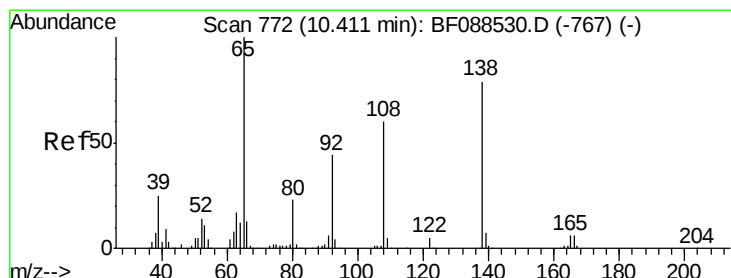
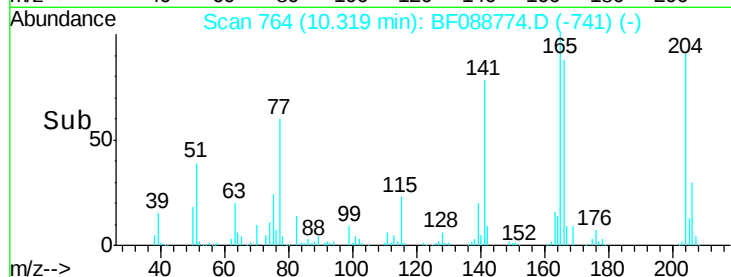
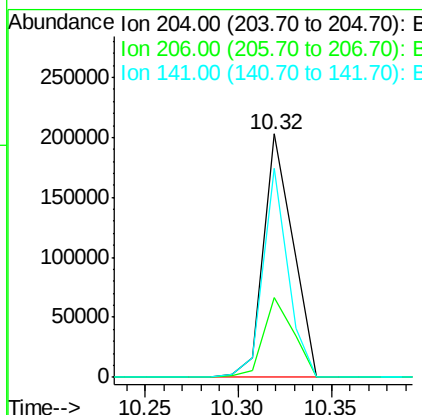
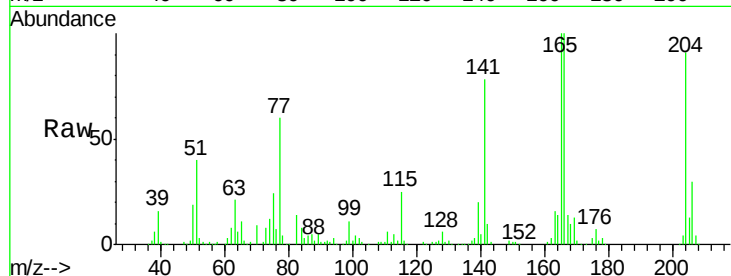




#60
 4-Chlorophenyl-phenylether
 Concen: 37.59 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

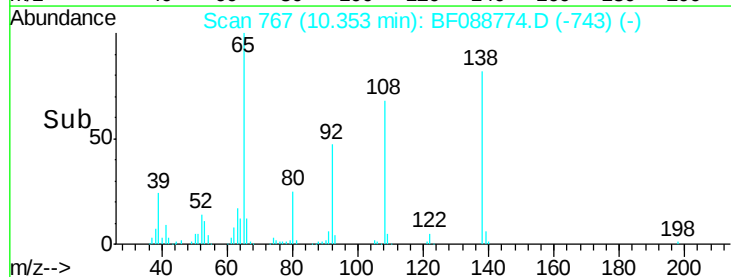
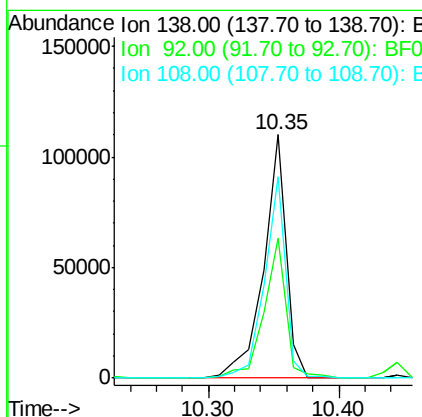
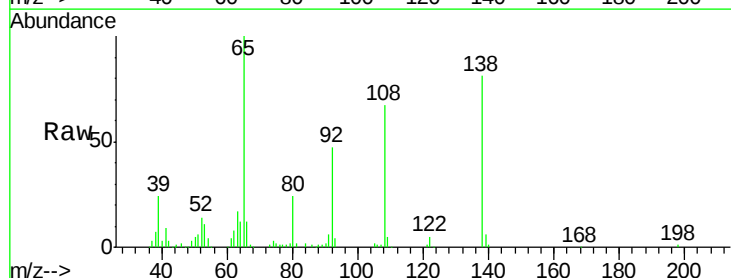
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

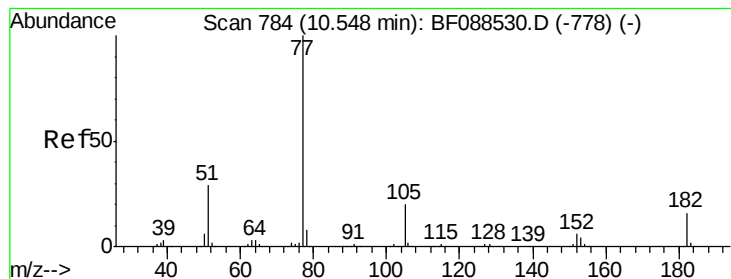
Tgt Ion:204 Resp: 220646
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.3 39.5
 141 86.0 55.0 82.6#



#61
 4-Nitroaniline
 Concen: 35.33 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Tgt Ion:138 Resp: 134799
 Ion Ratio Lower Upper
 138 100
 92 57.7 27.3 67.3
 108 82.6 46.7 86.7





#62

Azobenzene

Concen: 40.95 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

Tgt Ion: 77 Resp: 659651

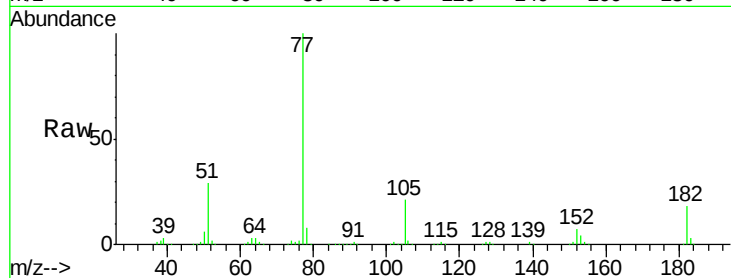
Ion Ratio Lower Upper

77 100

182 18.4 4.4 44.4

105 21.3 3.8 43.8

51 29.3 9.3 49.3

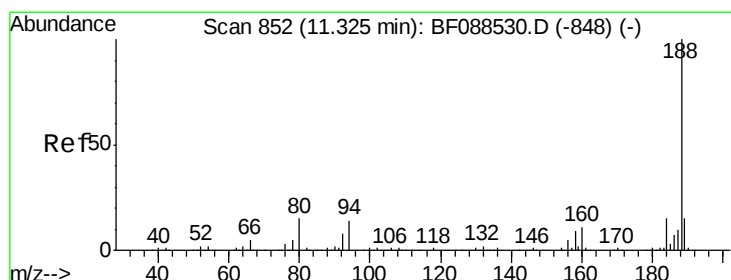
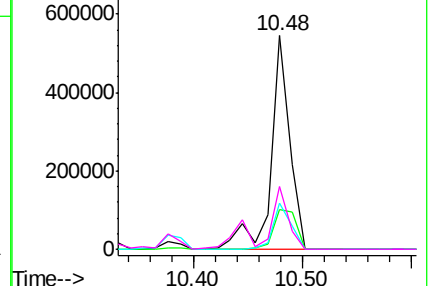
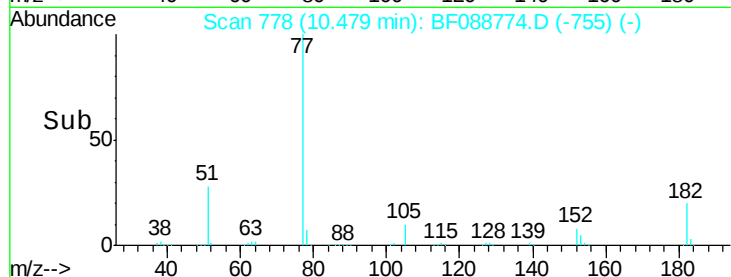


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF088774.D

Acq: 7 Jul 2016 12:15

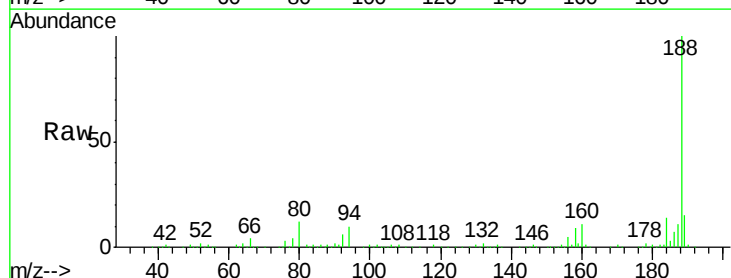
Tgt Ion: 188 Resp: 364385

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.6

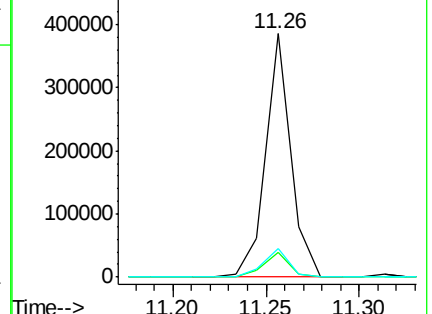
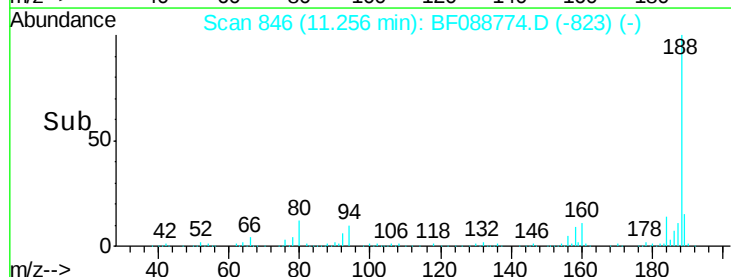
80 11.8 10.0 15.0

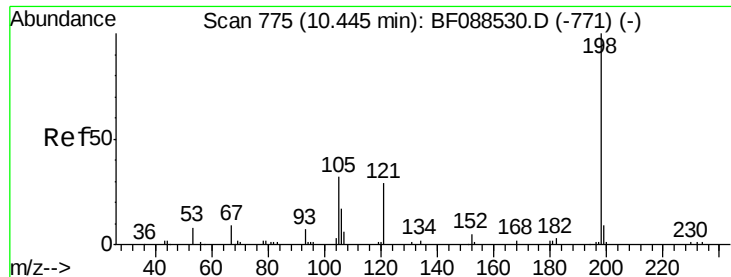


Abundance Ion 188.00 (187.70 to 188.70): E

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: 53.73 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

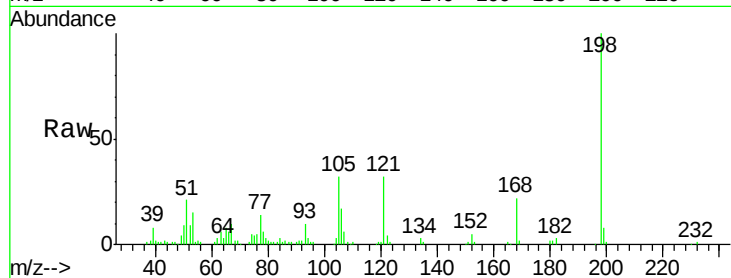
Tgt Ion:198 Resp: 104712

Ion Ratio Lower Upper

198 100

51 20.5 39.6 79.6#

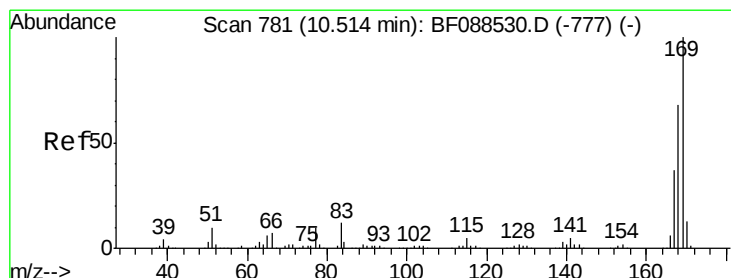
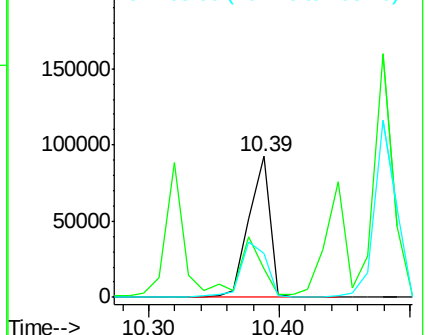
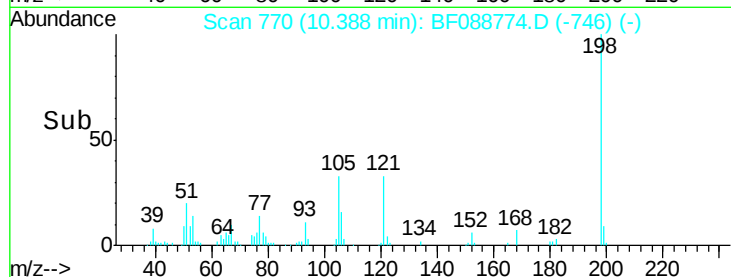
105 31.5 36.6 76.6#



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: 40.06 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

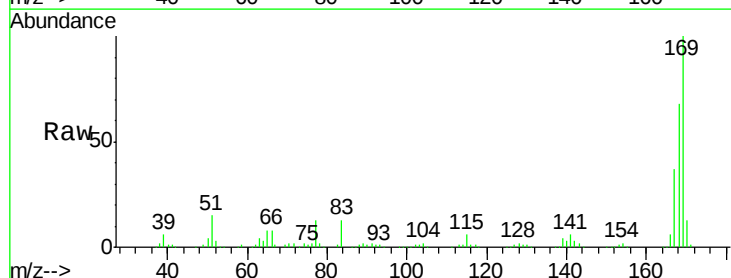
Tgt Ion:169 Resp: 494033

Ion Ratio Lower Upper

169 100

168 67.9 53.4 80.0

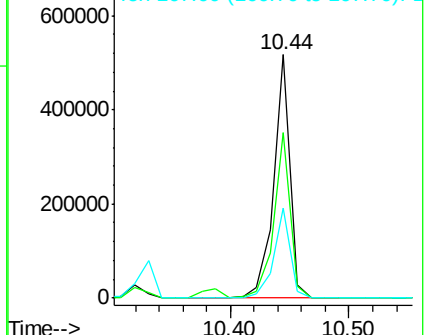
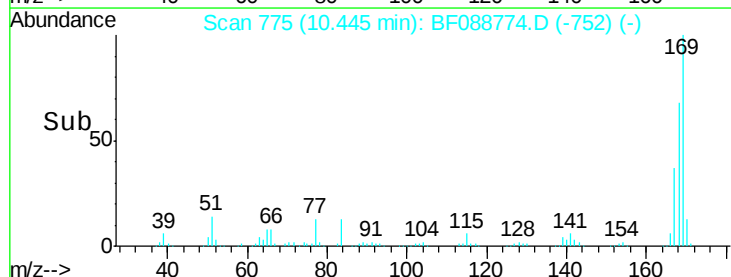
167 37.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

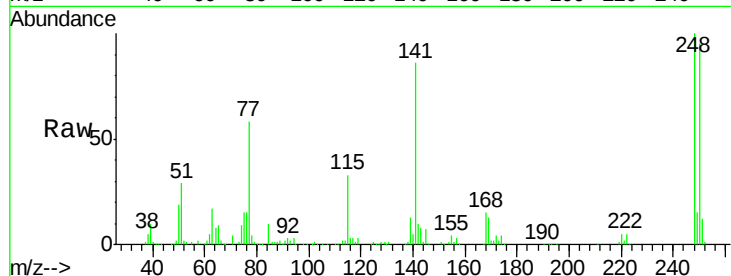




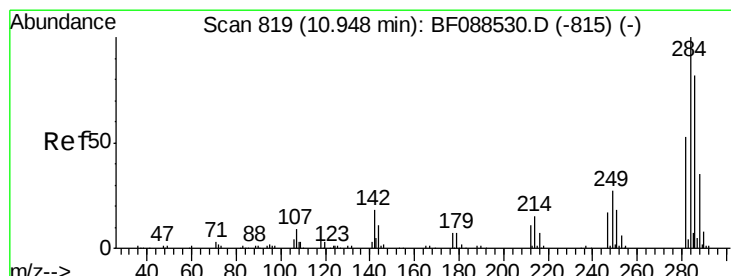
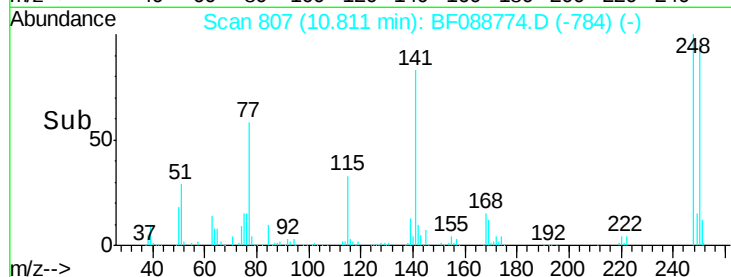
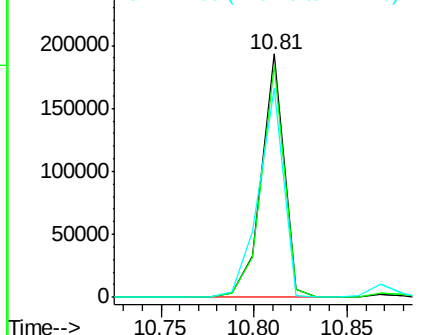
#66
 4-Bromophenyl-phenylether
 Concen: 44.13 ng
 RT: 10.81 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

Tgt Ion:248 Resp: 162031
 Ion Ratio Lower Upper
 248 100
 250 95.3 77.1 115.7
 141 86.0 50.6 76.0#

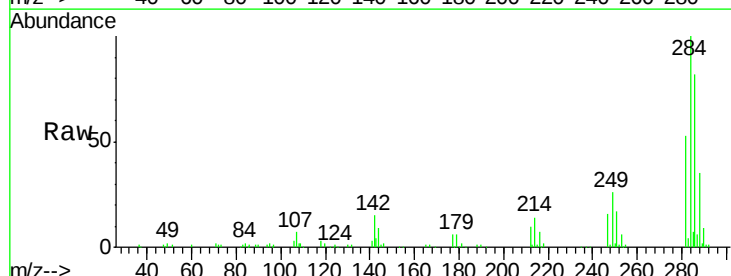


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

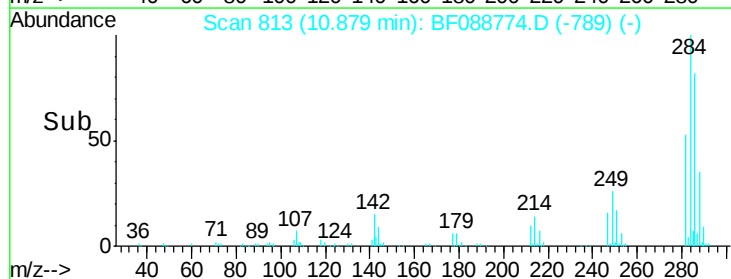
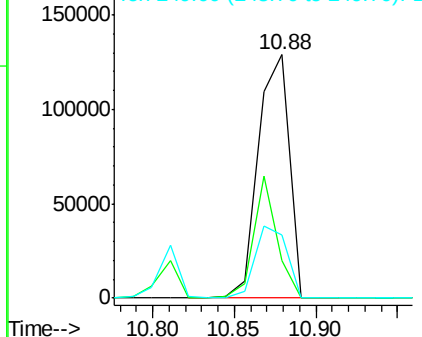


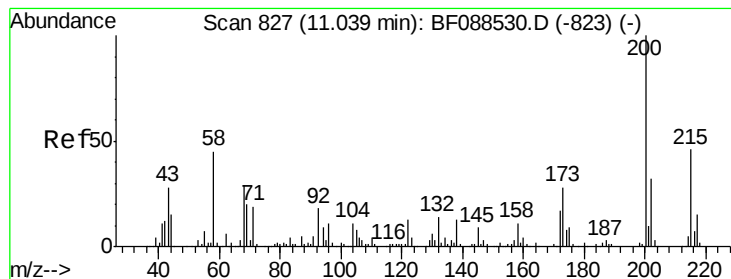
#67
 Hexachlorobenzene
 Concen: 42.07 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Tgt Ion:284 Resp: 170999
 Ion Ratio Lower Upper
 284 100
 142 15.4 35.8 53.8#
 249 26.0 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: 42.51 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

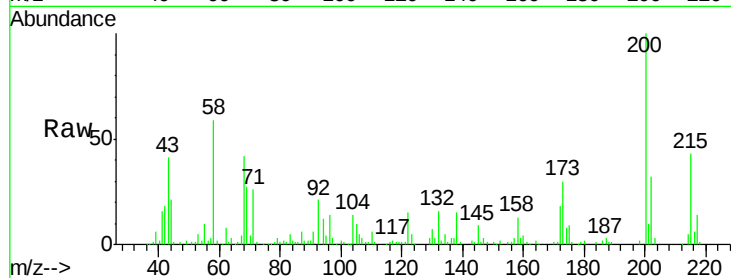
Tgt Ion:200 Resp: 163372

Ion Ratio Lower Upper

200 100

173 29.5 4.0 44.0

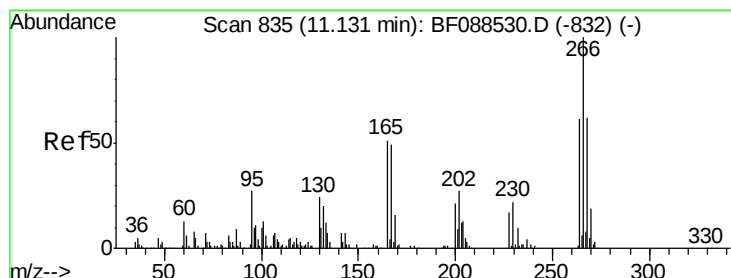
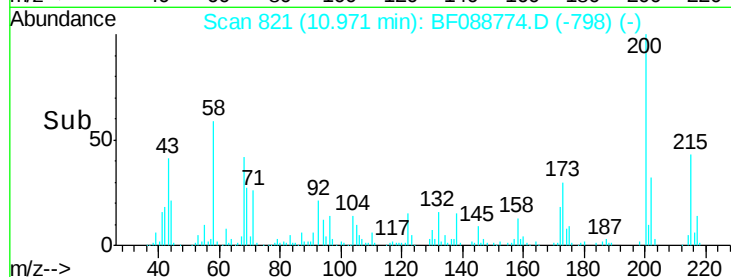
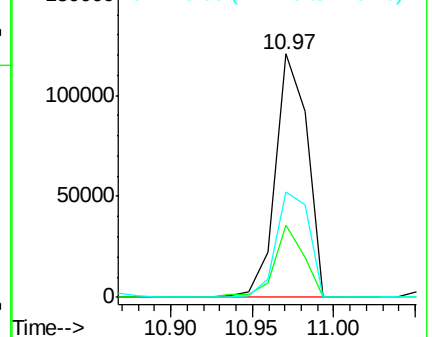
215 43.5 29.3 69.3



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: 86.10 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

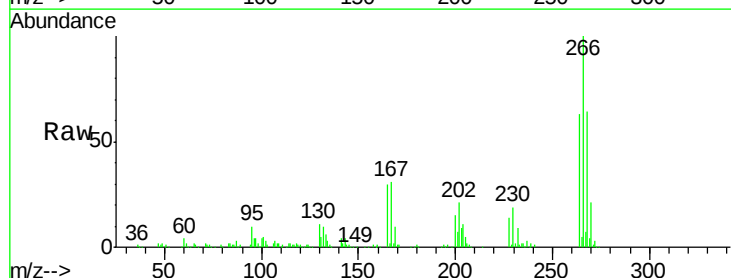
Tgt Ion:266 Resp: 207123

Ion Ratio Lower Upper

266 100

268 64.4 52.8 79.2

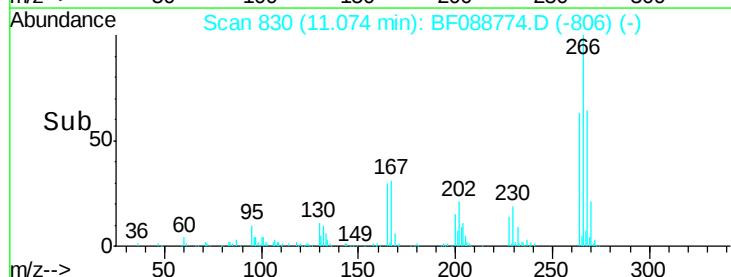
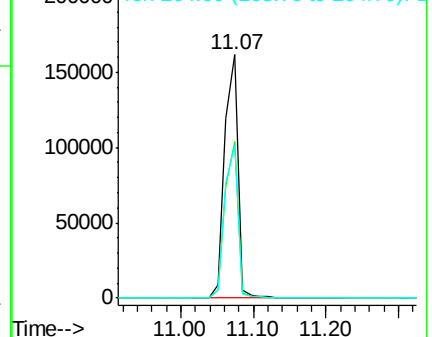
264 63.0 49.6 74.4

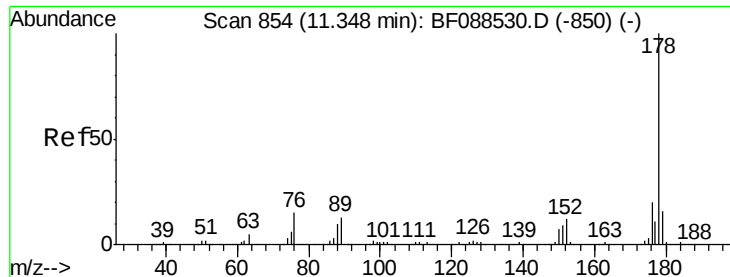


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

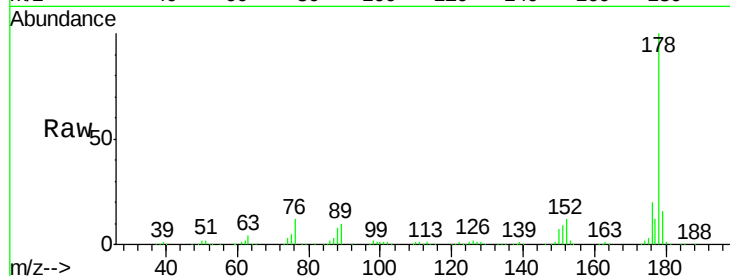




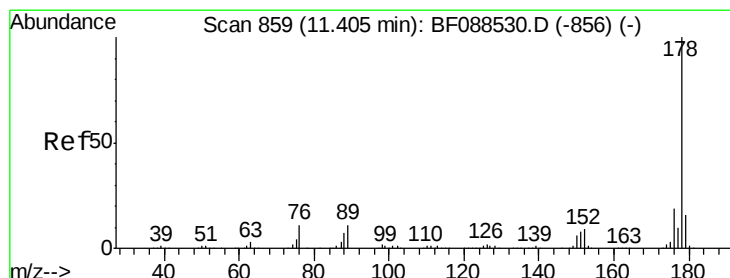
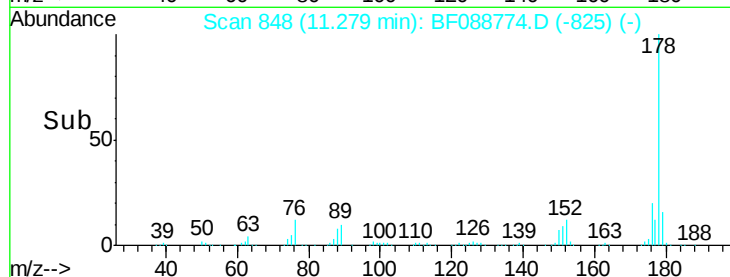
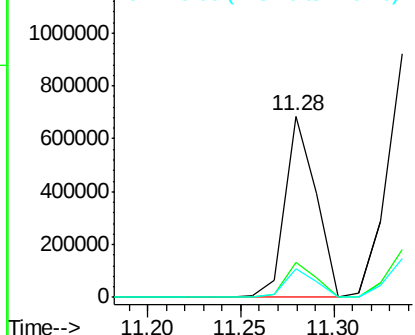
#70
Phenanthrene
Concen: 39.81 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB91702BS

Tgt Ion:178 Resp: 793033
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.8 13.0 19.4

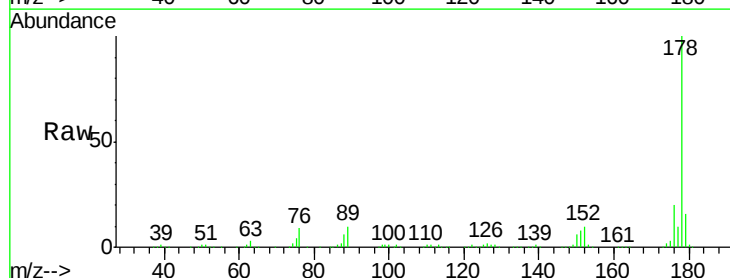


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

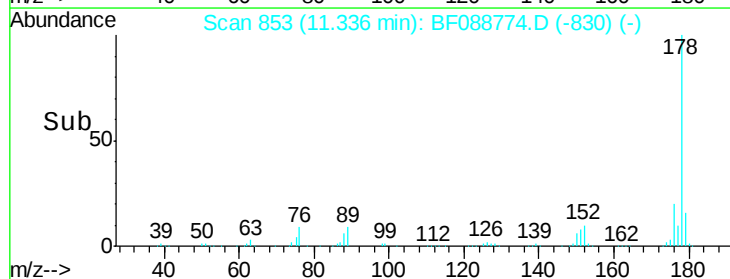
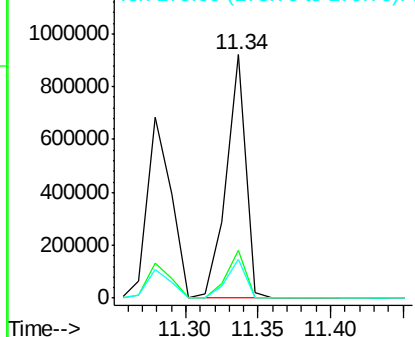


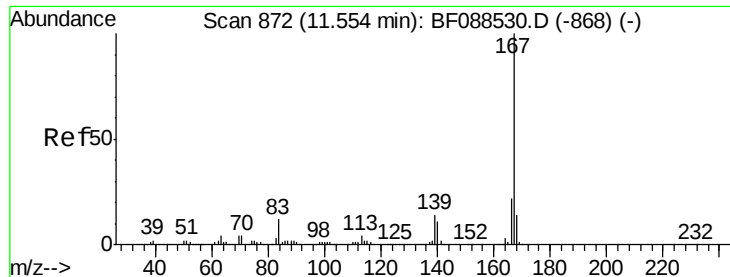
#71
Anthracene
Concen: 43.34 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion:178 Resp: 858339
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.8 19.2



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





#72

Carbazole

Concen: 39.42 ng

RT: 11.48 min Scan# 866

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

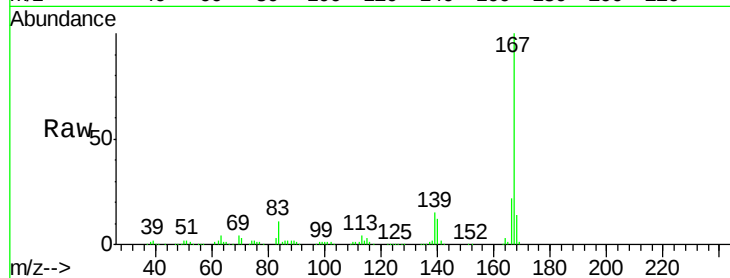
Tgt Ion:167 Resp: 734761

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

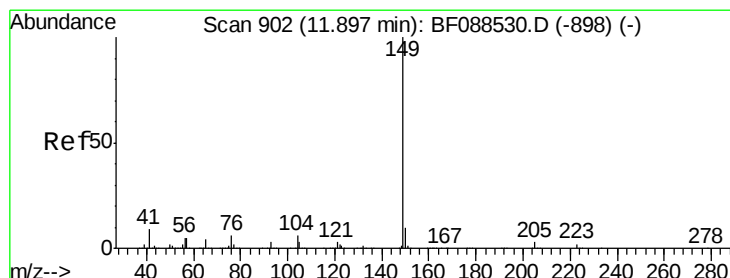
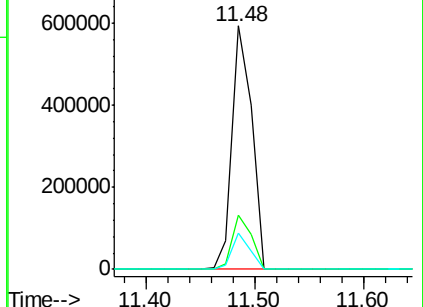
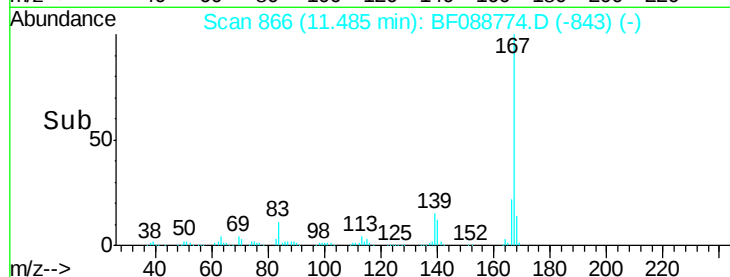
139 14.9 11.2 16.8



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: 41.14 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

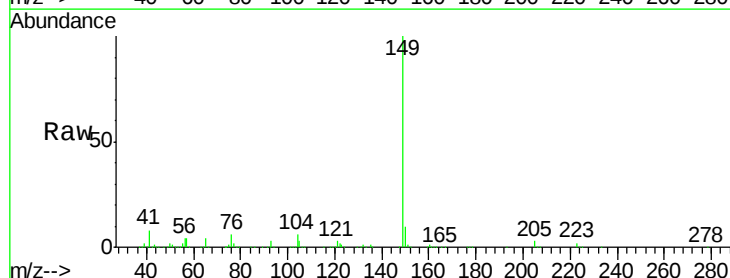
Tgt Ion:149 Resp: 892112

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

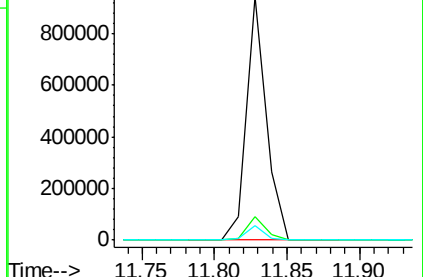
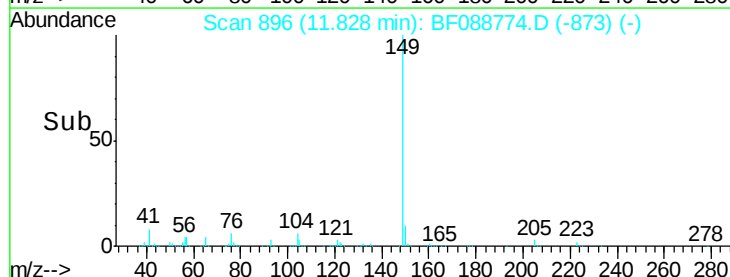
104 6.1 4.0 6.0#

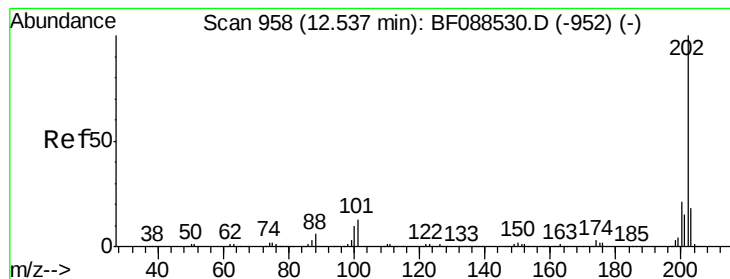


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 46.21 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

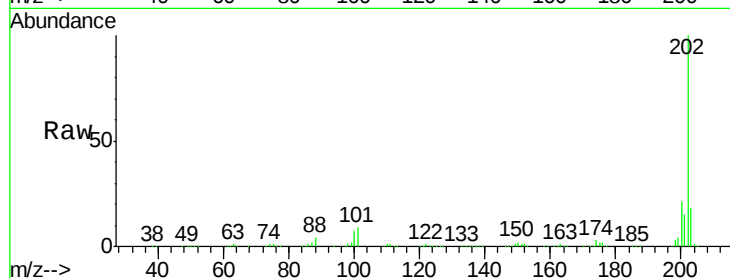
Tgt Ion:202 Resp: 933223

Ion Ratio Lower Upper

202 100

101 9.0 0.0 33.1

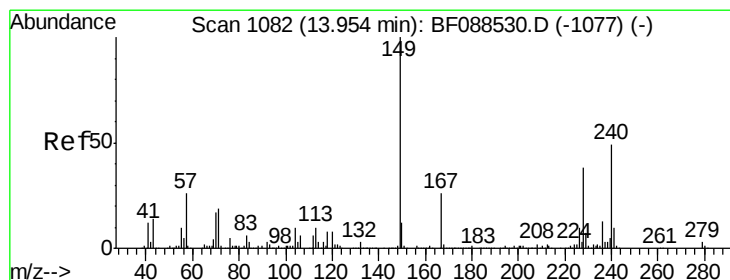
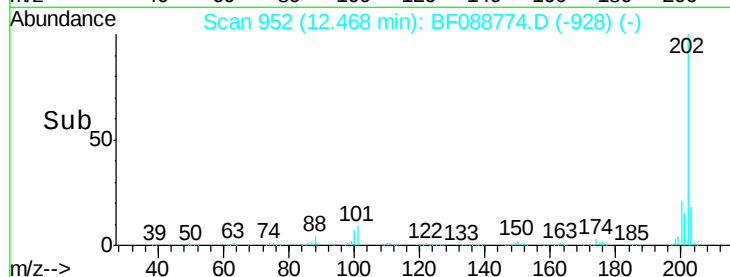
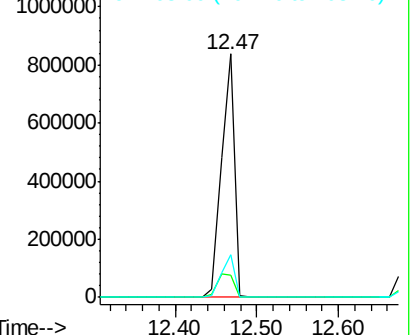
203 17.5 0.0 38.1



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: BF088774.D

Acq: 7 Jul 2016 12:15

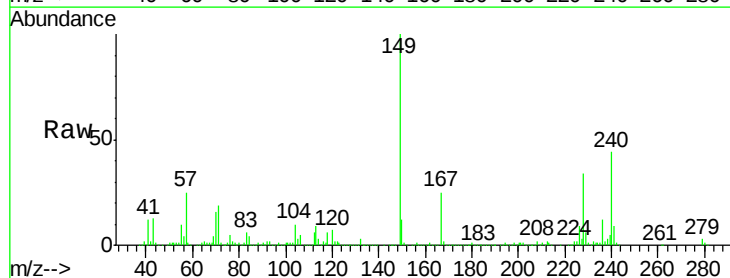
Tgt Ion:240 Resp: 256290

Ion Ratio Lower Upper

240 100

120 15.1 6.8 10.2#

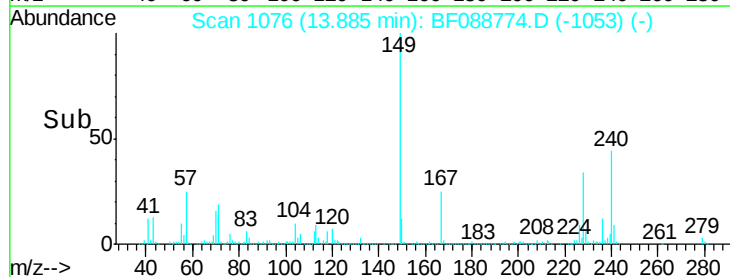
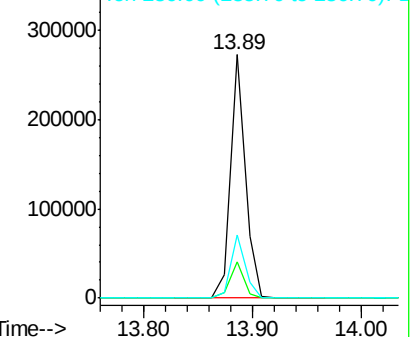
236 25.9 20.2 30.2

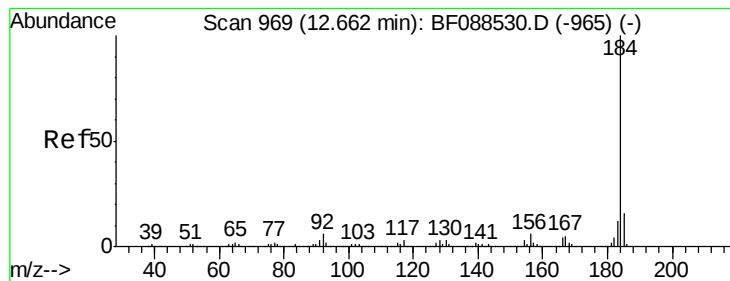


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 40.84 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

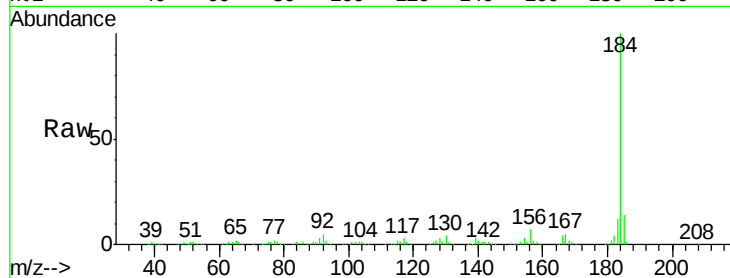
Tgt Ion:184 Resp: 529070

Ion Ratio Lower Upper

184 100

185 14.0 12.5 18.7

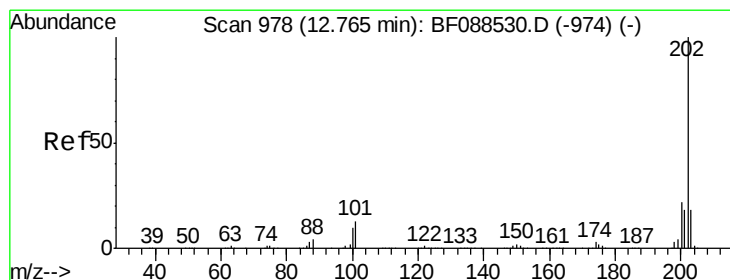
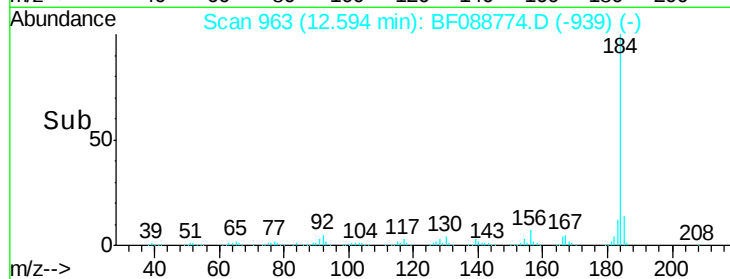
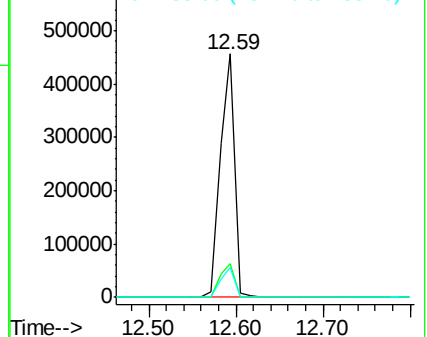
183 12.0 9.3 13.9



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: 41.12 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

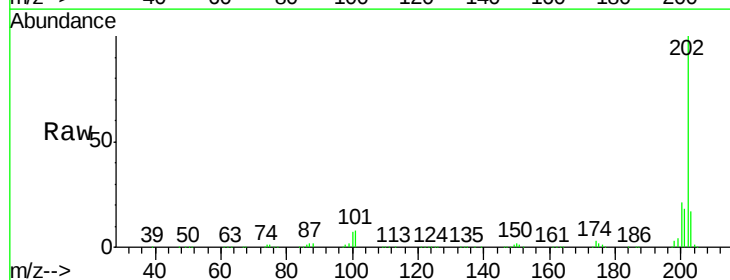
Tgt Ion:202 Resp: 893488

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

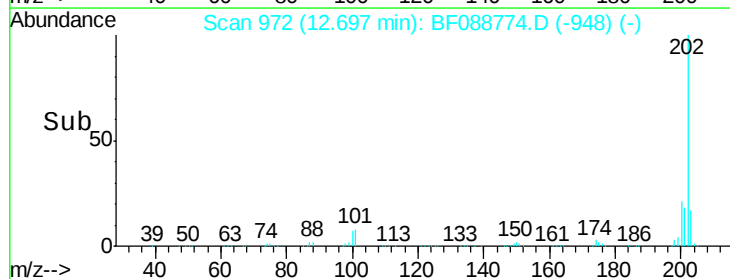
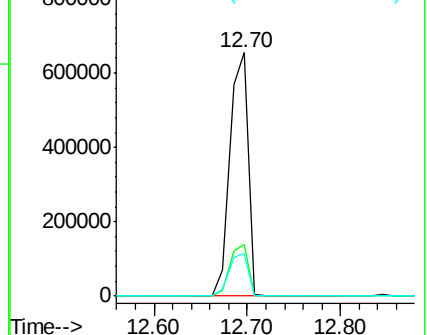
203 17.3 14.5 21.7

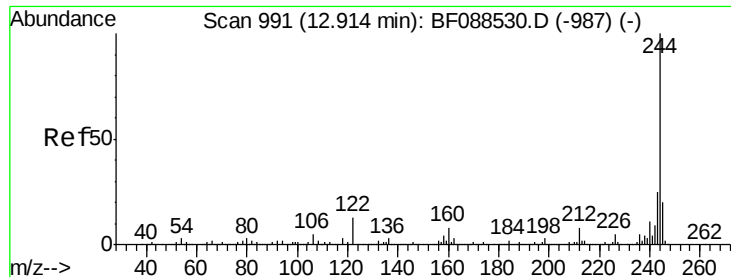


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

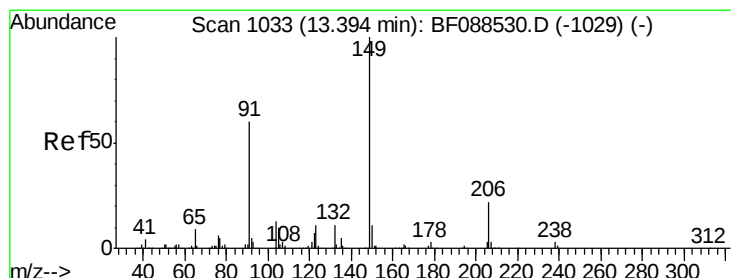
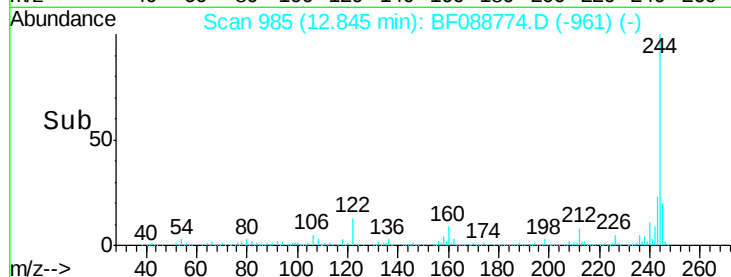
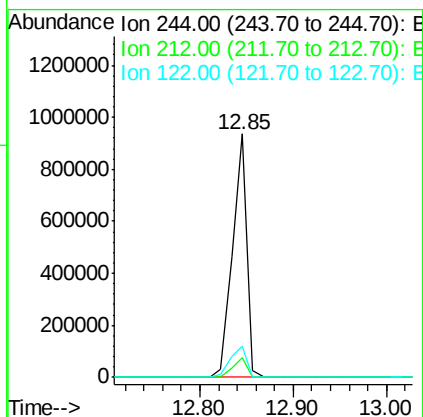
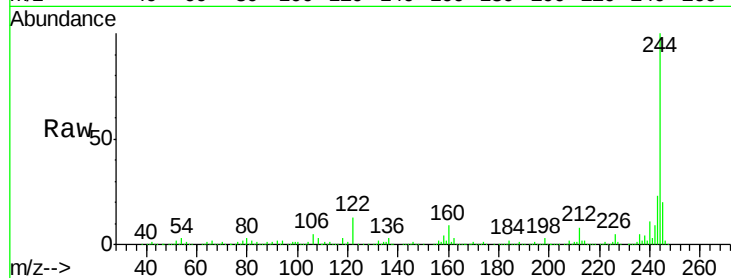




#78
 Terphenyl-d14
 Concen: 87.25 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

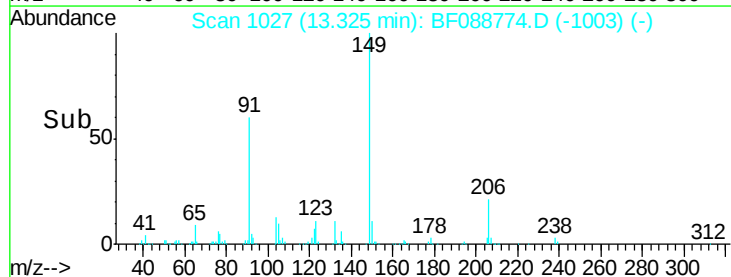
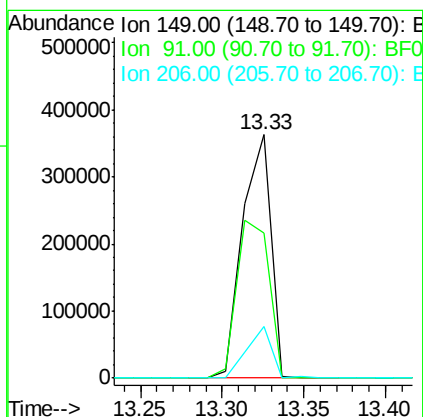
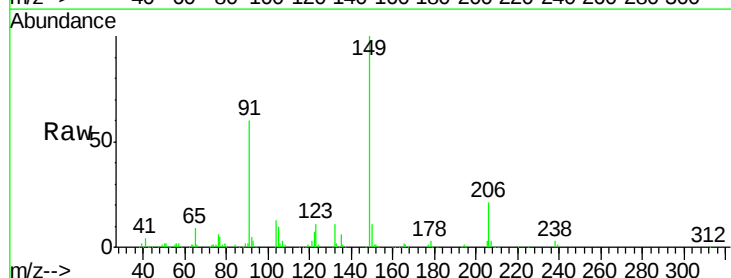
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BS

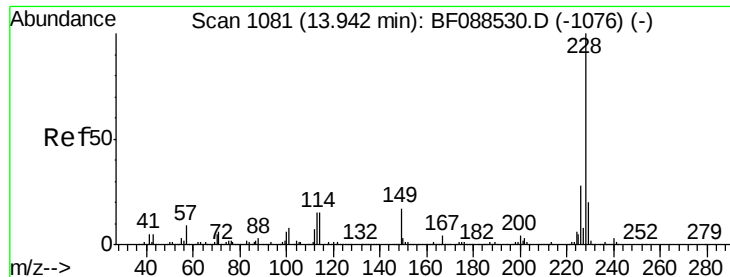
Tgt Ion: 244 Resp: 1003960
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 12.9 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 45.01 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF088774.D
 Acq: 7 Jul 2016 12:15

Tgt Ion: 149 Resp: 436302
 Ion Ratio Lower Upper
 149 100
 91 59.6 48.0 72.0
 206 21.3 16.0 24.0





#80

Benzo(a)anthracene

Concen: 44.80 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

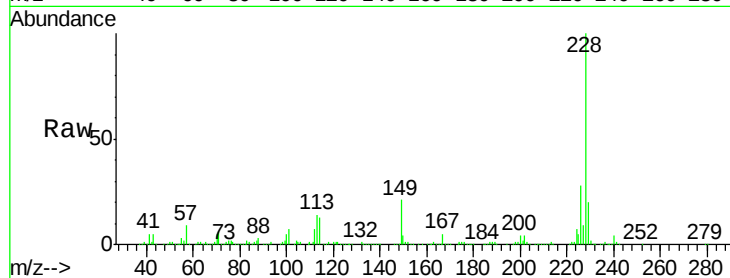
Tgt Ion:228 Resp: 739361

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

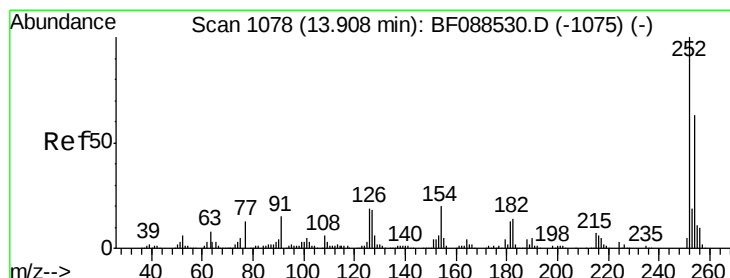
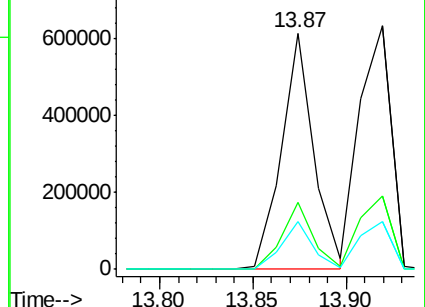
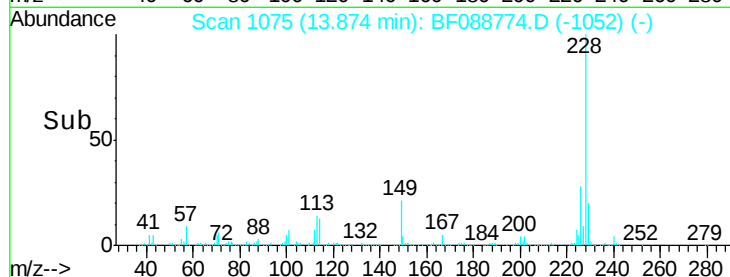
229 20.2 16.0 24.0



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: 20.99 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

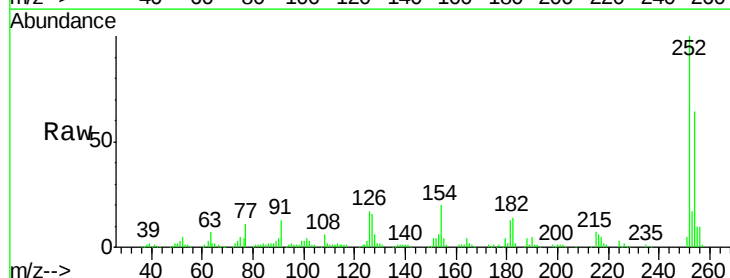
Tgt Ion:252 Resp: 130231

Ion Ratio Lower Upper

252 100

254 64.3 52.6 78.8

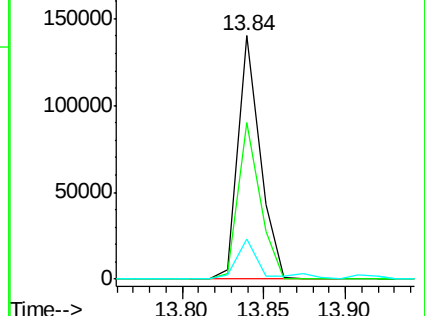
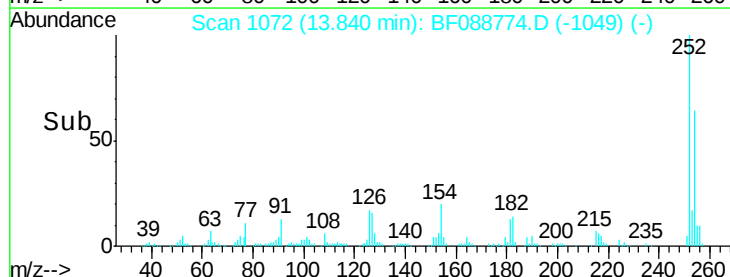
126 16.7 6.2 9.2#

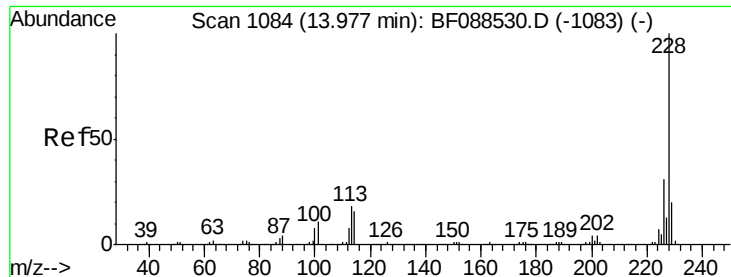


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.92 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

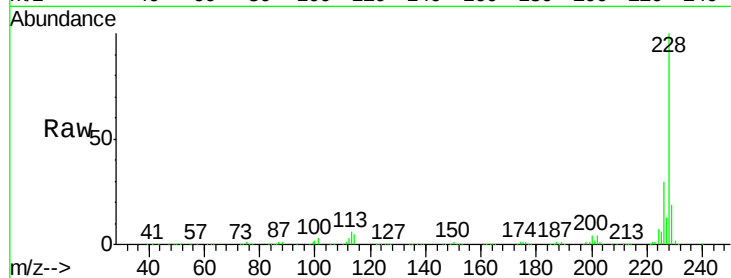
Tgt Ion: 228 Resp: 749777

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.2

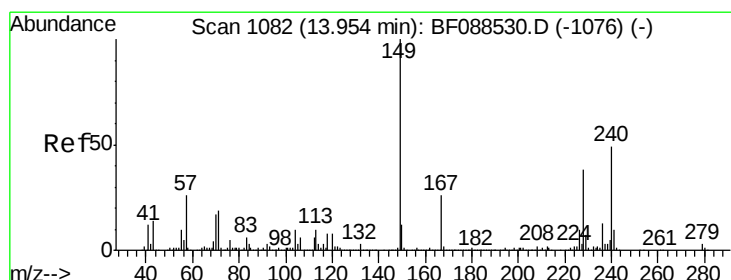
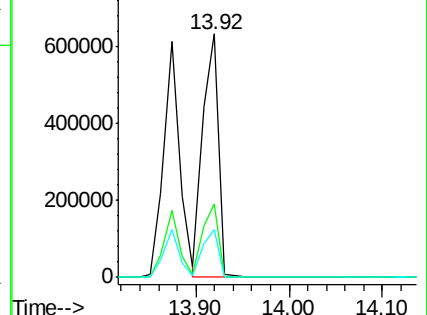
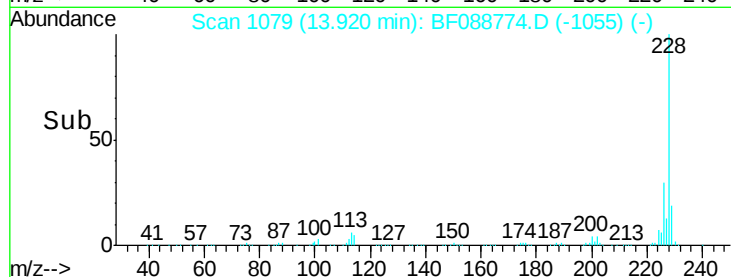
229 19.5 16.3 24.5



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: 49.15 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

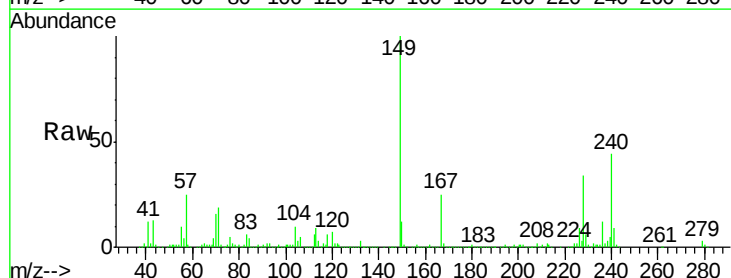
Tgt Ion: 149 Resp: 543898

Ion Ratio Lower Upper

149 100

167 25.3 20.5 30.7

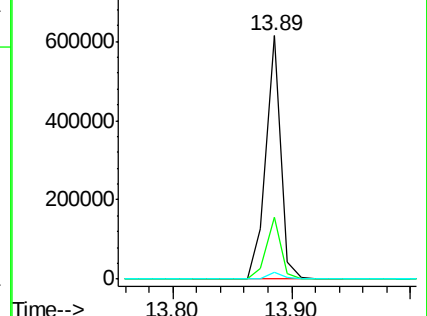
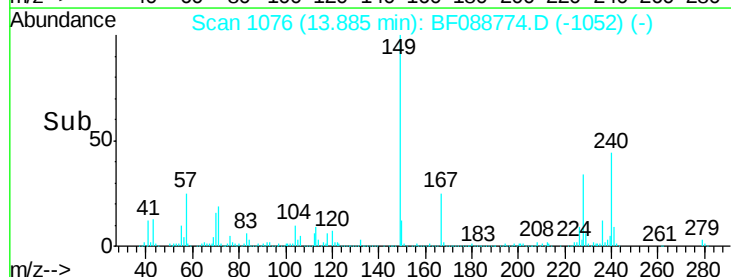
279 3.0 2.0 3.0#

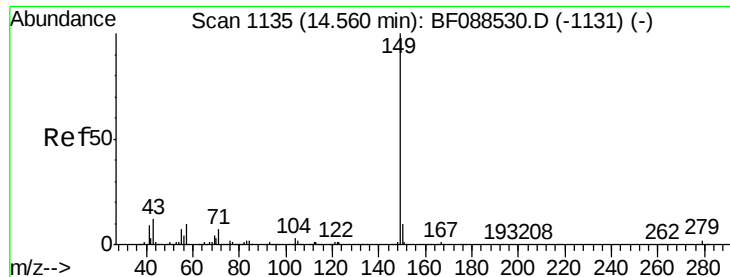


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

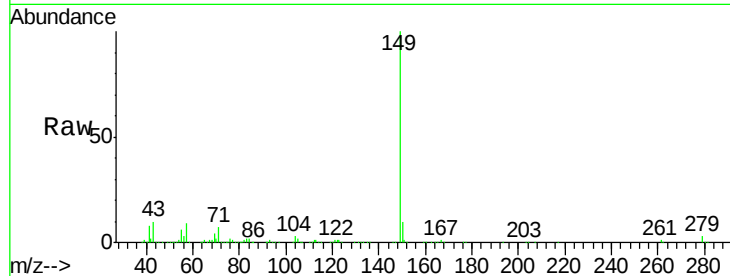




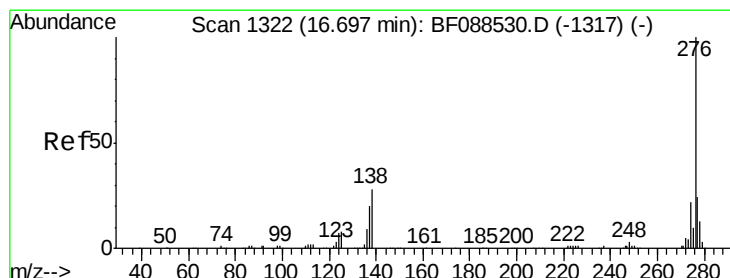
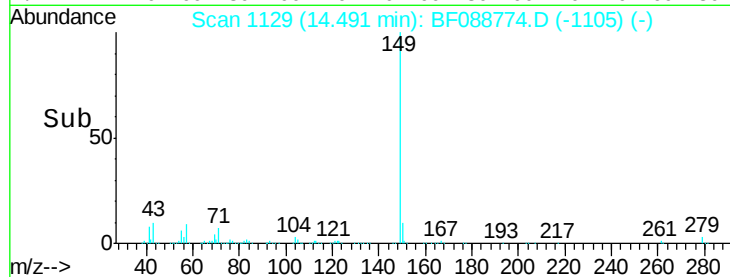
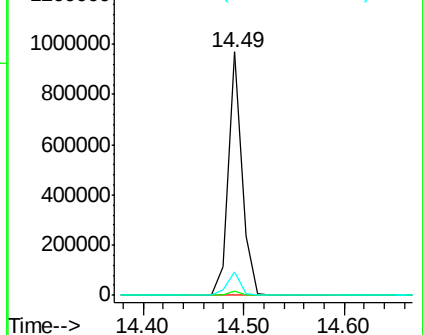
#84
Di-n-octyl phthalate
Concen: 48.59 ng
RT: 14.49 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Instrument :
BNA_F
ClientSampleId :
PB91702BS

Tgt Ion:149 Resp: 913414
Ion Ratio Lower Upper
149 100
167 1.5 0.0 0.0#
43 9.6 0.0 0.0#

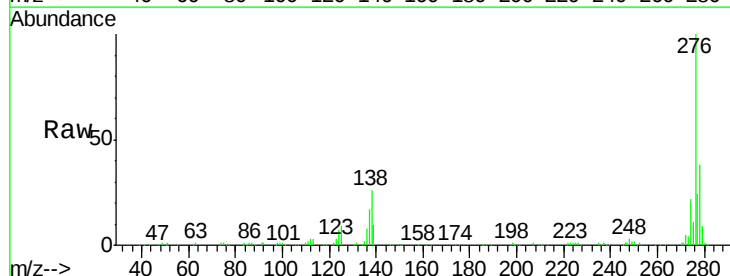


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

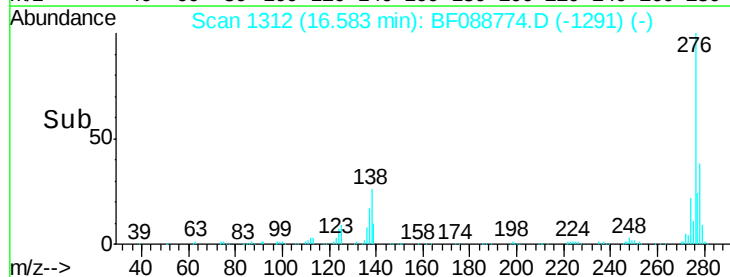
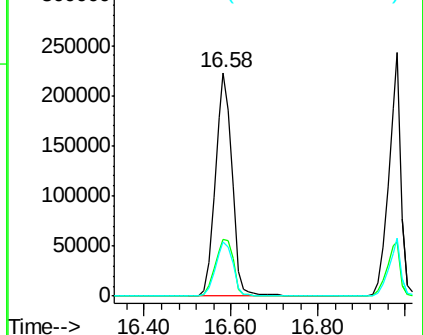


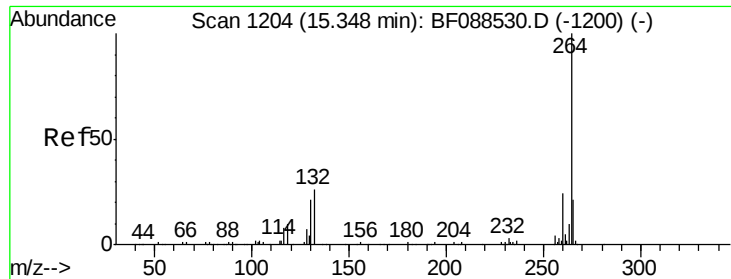
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.44 ng
RT: 16.58 min Scan# 1312
Delta R.T. -0.06 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion:276 Resp: 608525
Ion Ratio Lower Upper
276 100
138 28.0 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

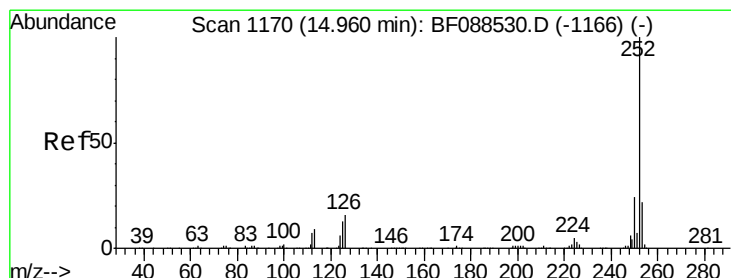
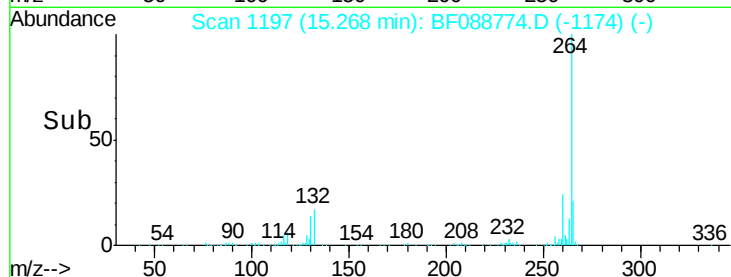
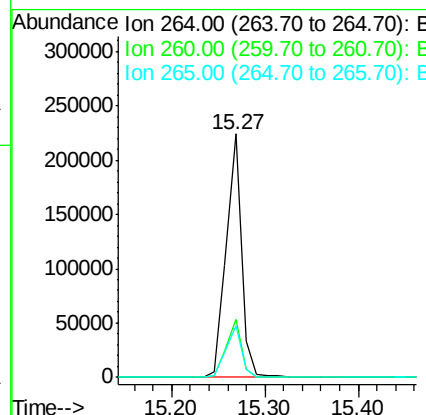
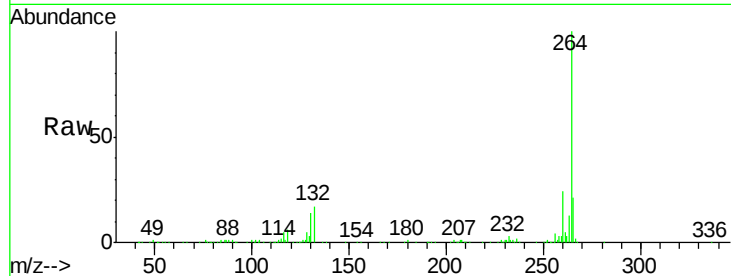




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

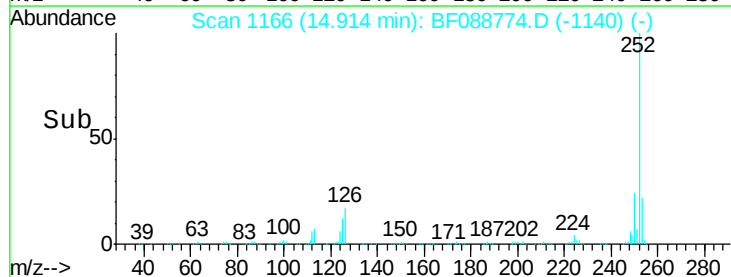
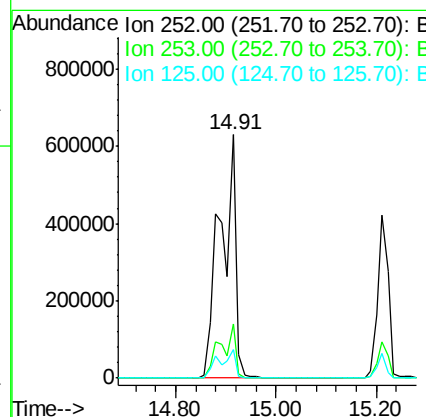
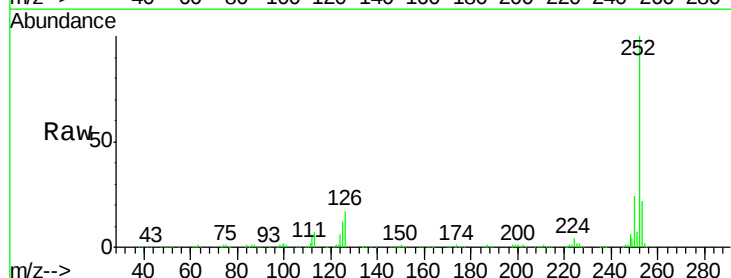
Instrument :
BNA_F
ClientSampleId :
PB91702BS

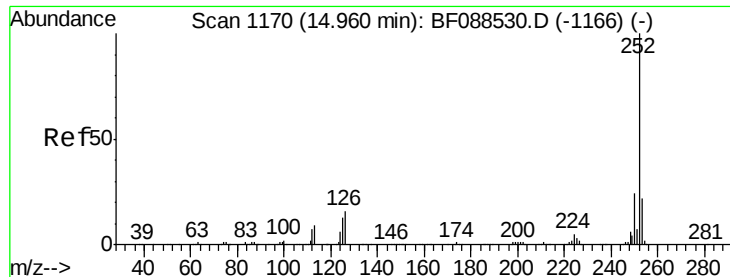
Tgt Ion:264 Resp: 255461
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.2 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 84.12 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion:252 Resp: 1348036
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.6 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 96.66 ng

RT: 14.91 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

Instrument :

BNA_F

ClientSampleId :

PB91702BS

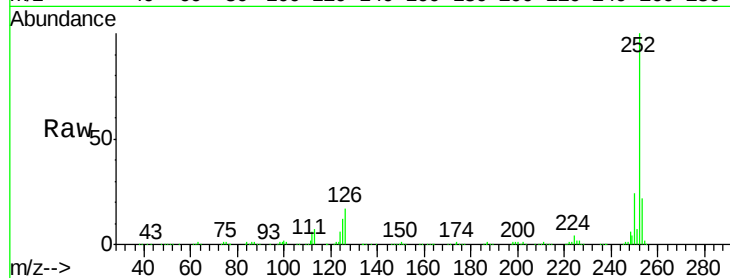
Tgt Ion:252 Resp: 1348506

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

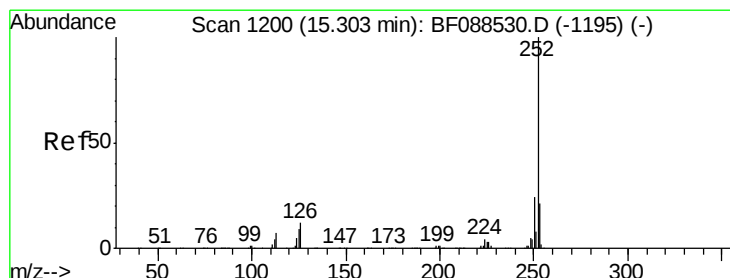
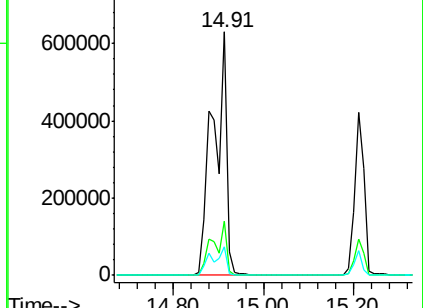
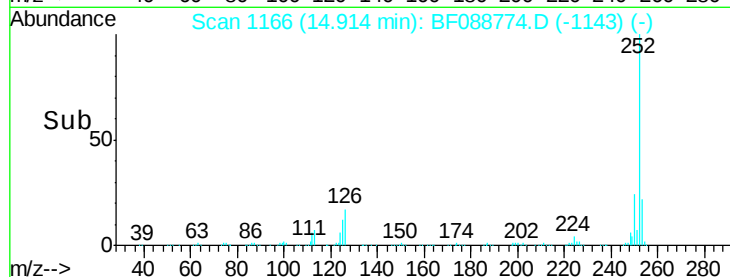
125 11.6 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 46.29 ng

RT: 15.21 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BF088774.D

Acq: 7 Jul 2016 12:15

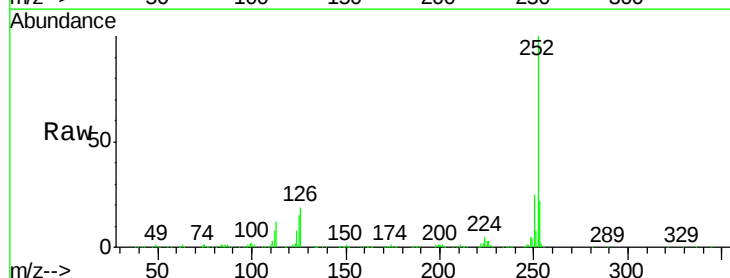
Tgt Ion:252 Resp: 628111

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

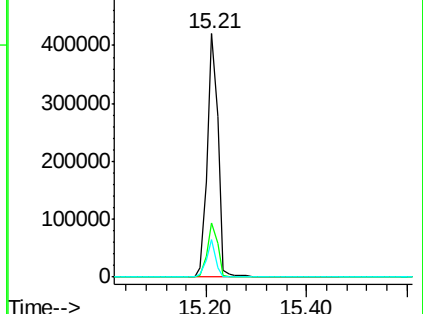
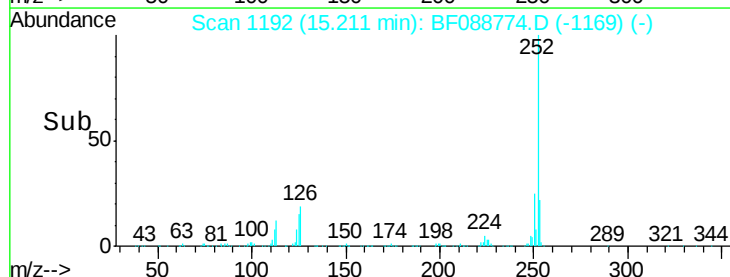
125 15.2 12.5 18.7

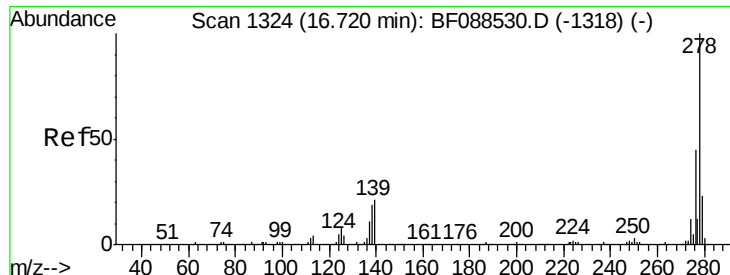


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



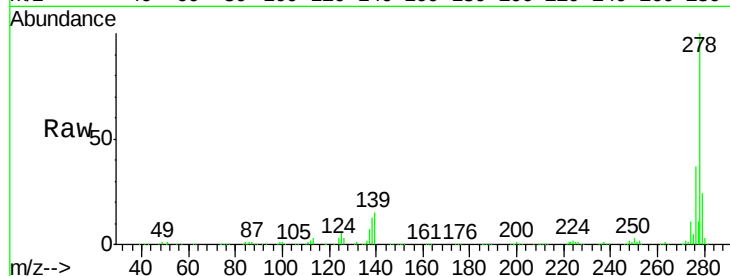


#90
Dibenzo(a,h)anthracene
Concen: 44.86 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

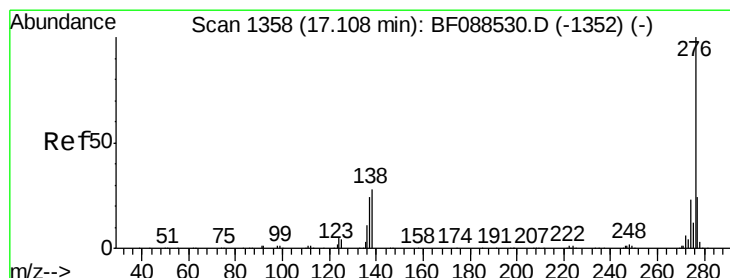
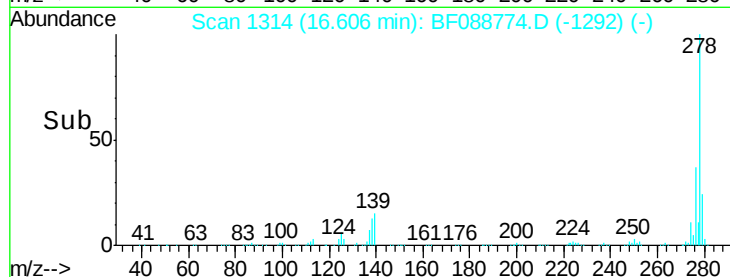
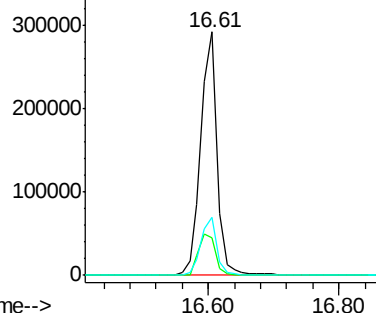
Instrument :
BNA_F
ClientSampleId :
PB91702BS

Tgt Ion: 278 Resp: 508283

Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.7	23.5#
279	23.9	19.4	29.2



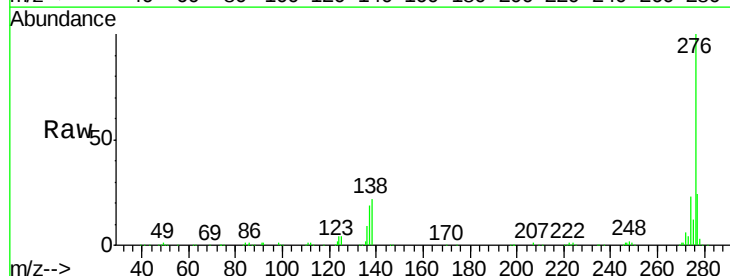
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 41.45 ng
RT: 16.98 min Scan# 1347
Delta R.T. -0.06 min
Lab File: BF088774.D
Acq: 7 Jul 2016 12:15

Tgt Ion: 276 Resp: 486009

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	22.4	21.4	32.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

