

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088711.D
 Acq On : 5 Jul 2016 19:11
 Operator : UM/SJ
 Sample : PB91760BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Quant Time: Jul 06 01:34:56 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	6.78	152	106847	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	430751	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	210665	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	397690	20.00	ng	0.00
75) Chrysene-d12	13.92	240	248932	20.00	ng	0.00
86) Perylene-d12	15.30	264	199232	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	702437	98.53	ng	0.01
7) Phenol-d6	6.42	99	992380	107.73	ng	0.01
23) Nitrobenzene-d5	7.35	82	713113	86.76	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	280866	143.57	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1183722	88.76	ng	0.00
78) Terphenyl-d14	12.87	244	986341	88.25	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.08	79	292730	28.54	ng	92
4) n-Nitrosodimethylamine	3.04	42	125205	31.95	ng	88
6) Aniline	6.43	93	333015	24.81	ng	# 1
8) 2-Chlorophenol	6.56	128	285640	37.28	ng	96
9) Benzaldehyde	6.32	77	243865	39.08	ng	87
10) Phenol	6.43	94	421087	40.05	ng	# 70
11) bis(2-Chloroethyl)ether	6.51	93	263327	33.59	ng	93
12) 1,3-Dichlorobenzene	6.72	146	315364	37.40	ng	97
13) 1,4-Dichlorobenzene	6.80	146	303863	36.31	ng	96
14) 1,2-Dichlorobenzene	6.80	146	303863	38.79	ng	99
15) Benzyl Alcohol	6.92	79	288989	42.62	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	344147	30.31	ng	90
17) 2-Methylphenol	7.04	107	250613	40.09	ng	96
18) Hexachloroethane	7.29	117	124456	38.44	ng	90
19) n-Nitroso-di-n-propylamine	7.20	70	210054	33.95	ng	91
20) 3+4-Methylphenols	7.20	107	326686	43.55	ng	89
22) Acetophenone	7.19	105	416955	39.88	ng	# 88
24) Nitrobenzene	7.36	77	314274	37.92	ng	# 83
25) Isophorone	7.60	82	631122	41.45	ng	95
26) 2-Nitrophenol	7.68	139	169197	49.79	ng	93
27) 2,4-Dimethylphenol	7.72	122	299679	42.34	ng	90
28) bis(2-Chloroethoxy)methane	7.82	93	370705	37.41	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	239335	41.84	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	258056	41.11	ng	98
31) Naphthalene	8.08	128	842463	39.67	ng	100
32) Benzoic acid	7.80	122	43269	8.42	ng	91
33) 4-Chloroaniline	8.14	127	189672	20.07	ng	# 92
34) Hexachlorobutadiene	8.20	225	137208	40.82	ng	98
35) Caprolactam	8.50	113	40824	21.01	ng	95
36) 4-Chloro-3-methylphenol	8.62	107	297197	43.93	ng	90
37) 2-Methylnaphthalene	8.78	142	598910	43.80	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	234964	33.53	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	269958	78.50	ng	98
42) 2,4,6-Trichlorophenol	9.05	196	179498	38.85	ng	97

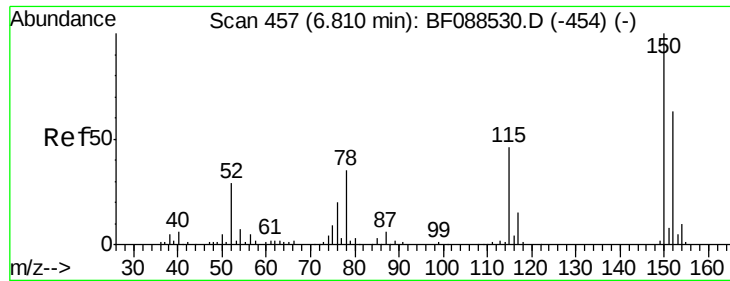
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	189061	47.57	ng	99
45) 1,1'-Biphenyl	9.23	154	670766	38.45	ng	98
46) 2-Chloronaphthalene	9.26	162	518120	37.83	ng	96
47) 2-Nitroaniline	9.36	65	207140	42.62	ng	# 82
48) Acenaphthylene	9.68	152	917529	42.11	ng	99
49) Dimethylphthalate	9.54	163	608550	40.55	ng	99
50) 2,6-Dinitrotoluene	9.60	165	134419	40.41	ng	# 47
51) Acenaphthene	9.85	154	557529	41.74	ng	99
52) 3-Nitroaniline	9.76	138	90642	21.44	ng	84
53) 2,4-Dinitrophenol	9.87	184	47958	32.65	ng	# 80
54) Dibenzofuran	10.02	168	800242	45.77	ng	95
55) 4-Nitrophenol	9.94	139	280281	87.22	ng	# 80
56) 2,4-Dinitrotoluene	10.00	165	181757	41.79	ng	# 39
57) Fluorene	10.35	166	548306	40.70	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	145605	47.35	ng	# 47
59) Diethylphthalate	10.24	149	627914	41.69	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	261233	41.73	ng	96
61) 4-Nitroaniline	10.38	138	151505	37.23	ng	85
62) Azobenzene	10.51	77	788709	45.91	ng	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	59863	28.14	ng	# 75
65) n-Nitrosodiphenylamine	10.48	169	542076	40.27	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	170799	42.62	ng	93
67) Hexachlorobenzene	10.90	284	164840	37.16	ng	95
68) Atrazine	11.00	200	186228	44.40	ng	93
69) Pentachlorophenol	11.10	266	145533	55.43	ng	97
70) Phenanthrene	11.31	178	816060	37.54	ng	99
71) Anthracene	11.37	178	919733	42.55	ng	99
72) Carbazole	11.52	167	758127	37.26	ng	99
73) Di-n-butylphthalate	11.86	149	1068253	45.14	ng	99
74) Fluoranthene	12.49	202	816764	37.06	ng	97
76) Benzidine	12.62	184	539523	42.88	ng	98
77) Pyrene	12.72	202	810971	38.42	ng	100
79) Butylbenzylphthalate	13.35	149	415034	44.08	ng	# 83
80) Benzo(a)anthracene	13.91	228	686436	42.82	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	130284	21.62	ng	100
82) Chrysene	13.94	228	672942	42.43	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	483694	45.00	ng	98
84) Di-n-octyl phthalate	14.51	149	758143	41.52	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	550589	45.13	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1009865	80.80	ng	# 98
88) Benzo(k)fluoranthene	14.91	252	1009865	92.82	ng	# 96
89) Benzo(a)pyrene	15.25	252	470021	44.42	ng	97
90) Dibenzo(a,h)anthracene	16.65	278	447540	50.65	ng	99
91) Benzo(g,h,i)perylene	17.04	276	467546	51.13	ng	96

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

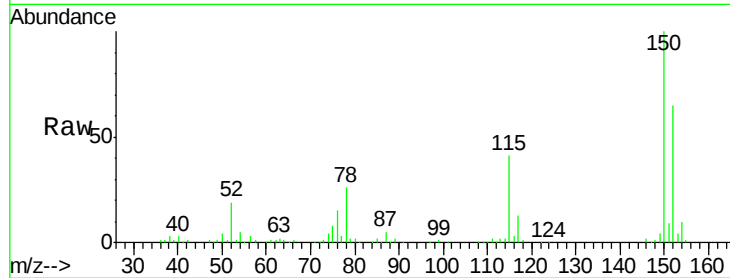


#1

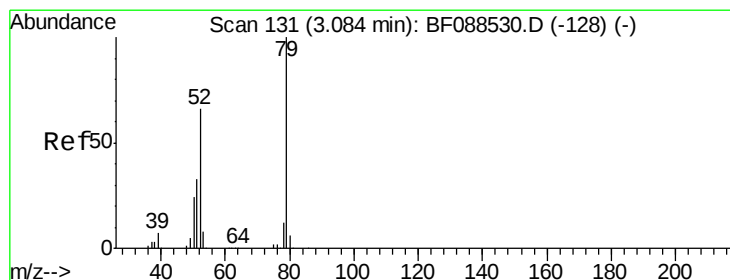
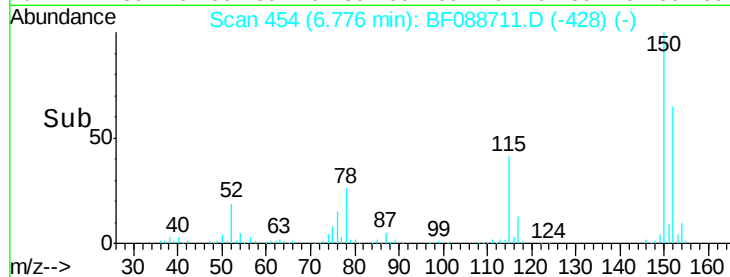
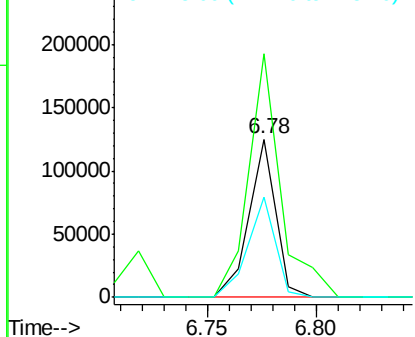
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:152 Resp: 106847
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 63.7 39.6 59.4#



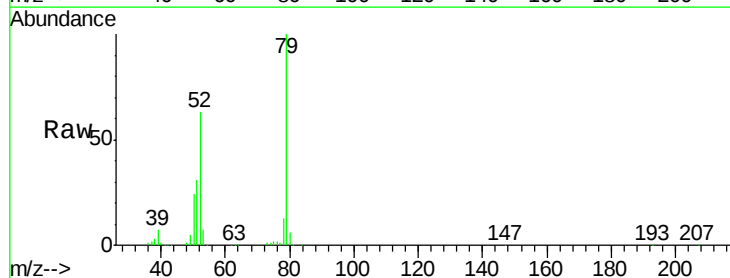
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



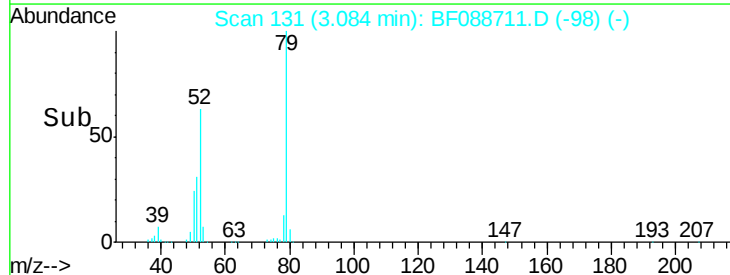
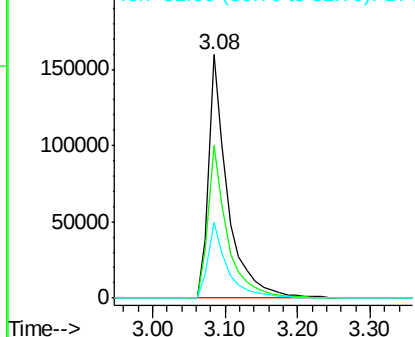
#3

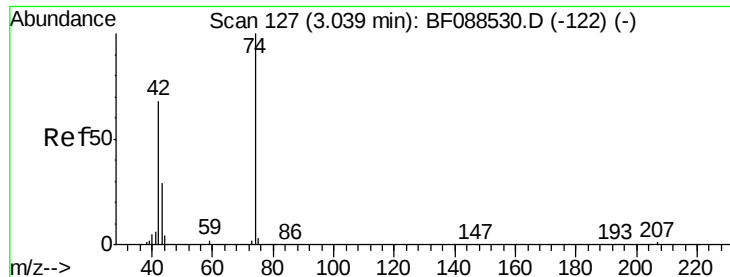
Pyridine
Concen: 28.54 ng
RT: 3.08 min Scan# 131
Delta R.T. 0.08 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion: 79 Resp: 292730
Ion Ratio Lower Upper
79 100
52 63.0 56.3 84.5
51 31.0 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: 31.95 ng

RT: 3.04 min Scan# 127

Delta R.T. 0.07 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

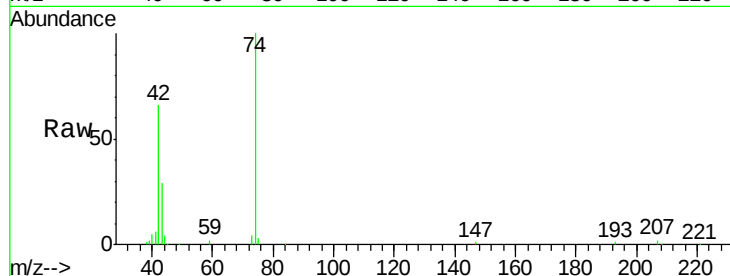
Tgt Ion: 42 Resp: 125205

Ion Ratio Lower Upper

42 100

74 151.0 108.6 163.0

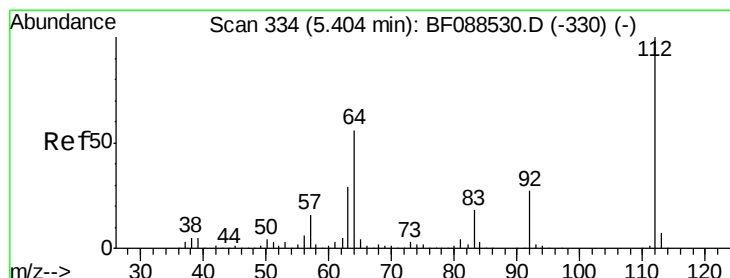
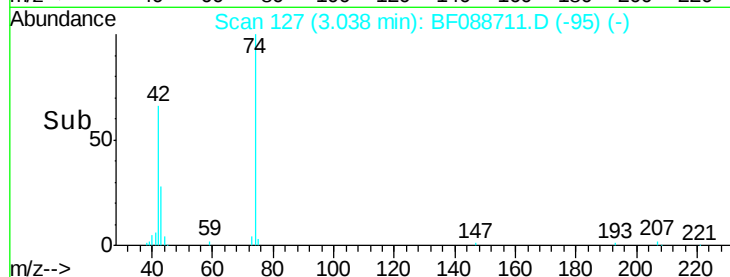
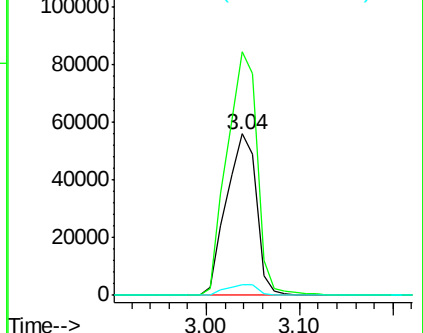
44 6.8 5.5 8.3



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: 98.53 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

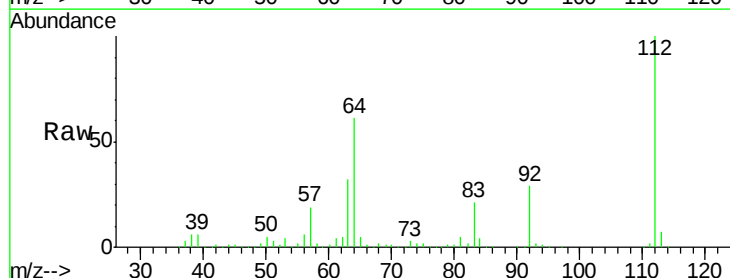
Tgt Ion: 112 Resp: 702437

Ion Ratio Lower Upper

112 100

64 60.8 42.2 63.2

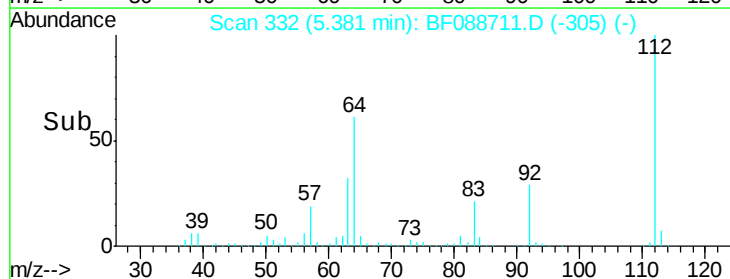
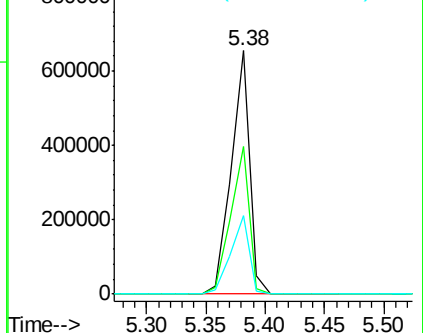
63 32.3 21.8 32.8

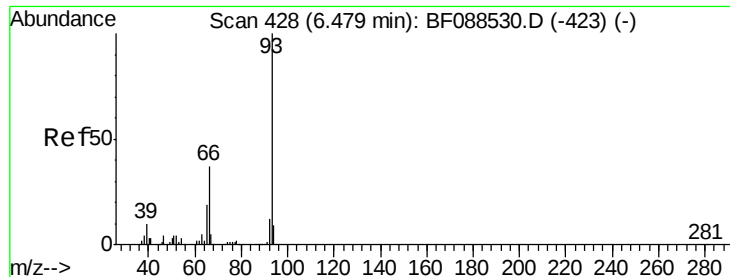


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 24.81 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

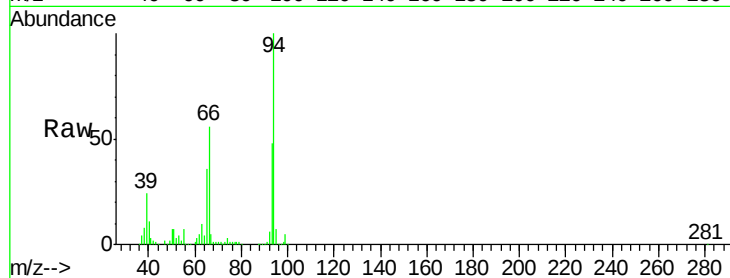
Tgt Ion: 93 Resp: 333015

Ion Ratio Lower Upper

93 100

66 116.8 29.8 44.8#

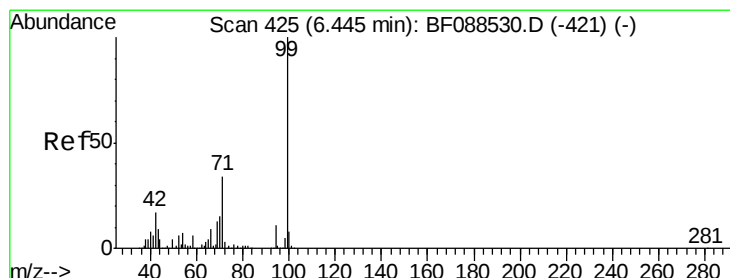
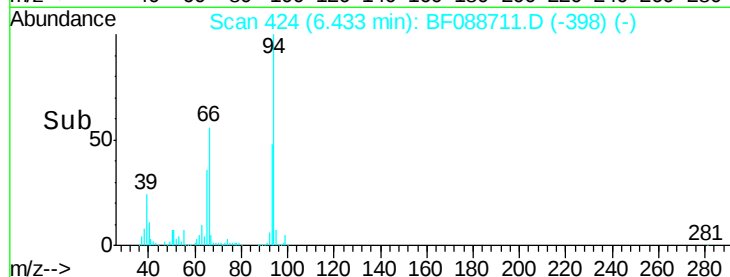
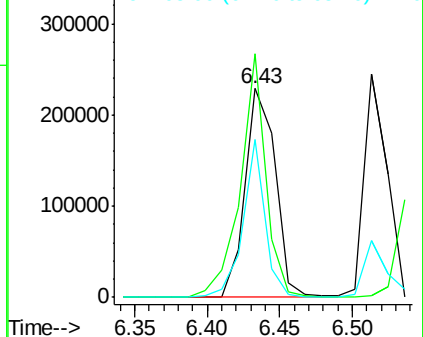
65 75.8 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 107.73 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

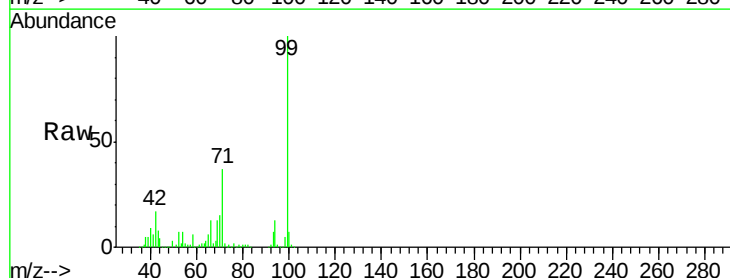
Tgt Ion: 99 Resp: 992380

Ion Ratio Lower Upper

99 100

42 16.9 12.2 18.2

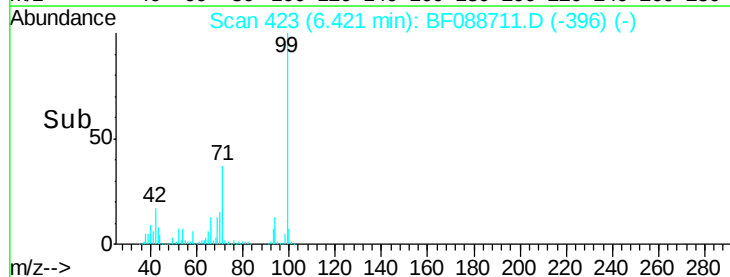
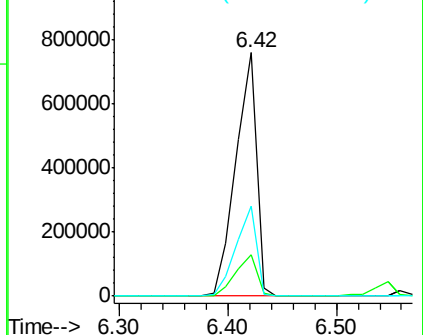
71 36.9 23.4 35.0#

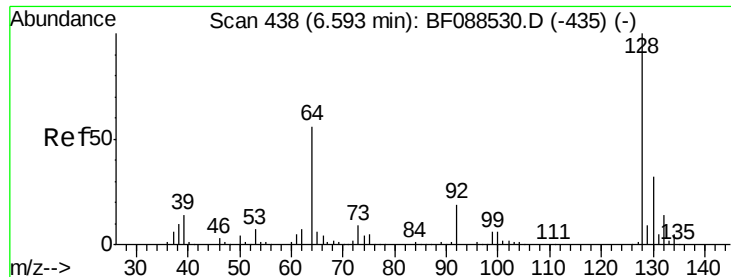


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 37.28 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

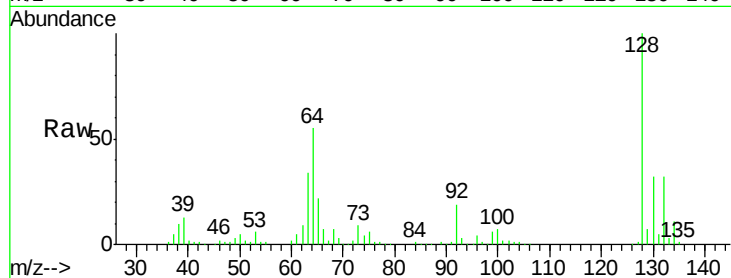
Tgt Ion:128 Resp: 285640

Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

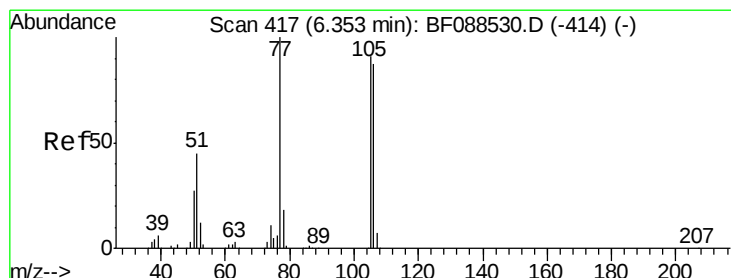
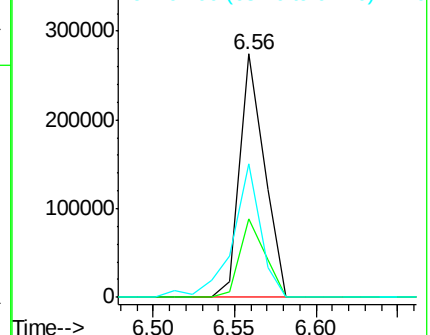
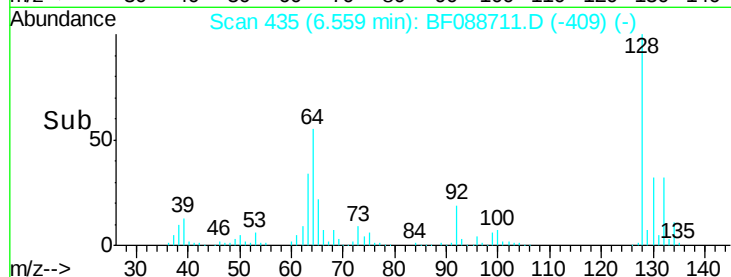
64 54.7 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 39.08 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

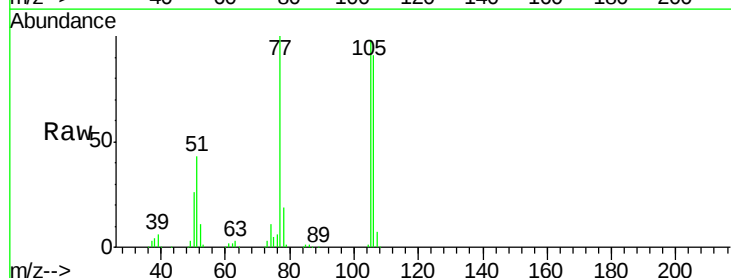
Tgt Ion: 77 Resp: 243865

Ion Ratio Lower Upper

77 100

105 97.6 90.6 130.6

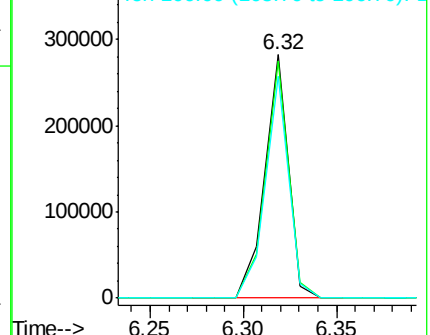
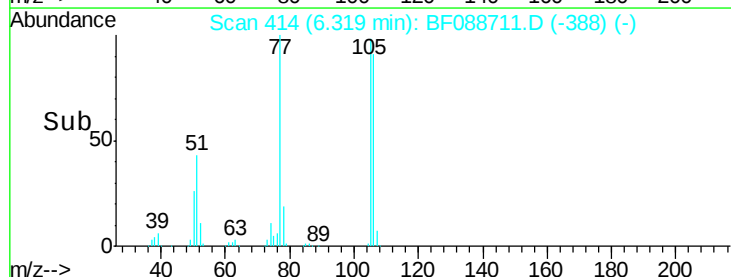
106 91.2 85.3 125.3

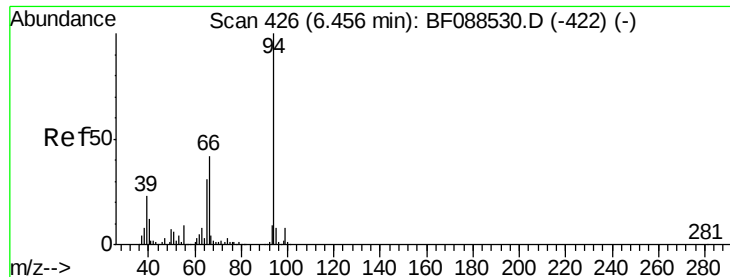


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 40.05 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

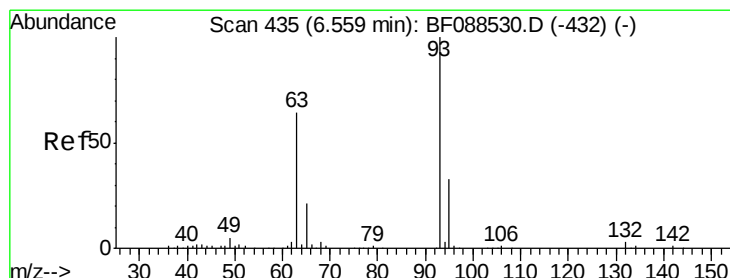
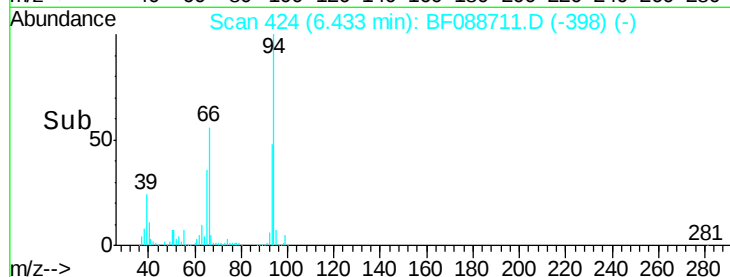
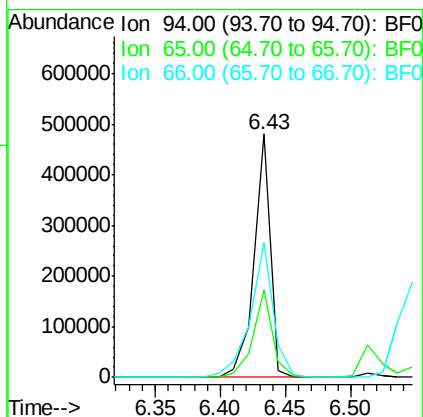
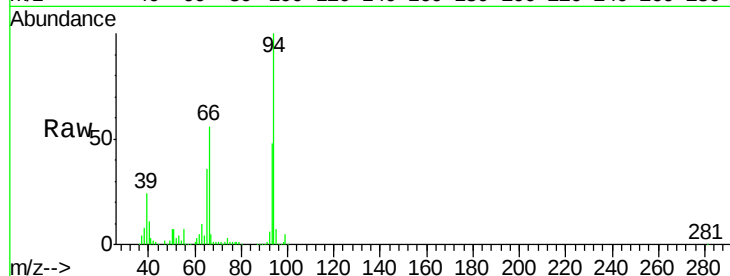
Tgt Ion: 94 Resp: 421087

Ion Ratio Lower Upper

94 100

65 36.1 5.9 45.9

66 55.5 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 33.59 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

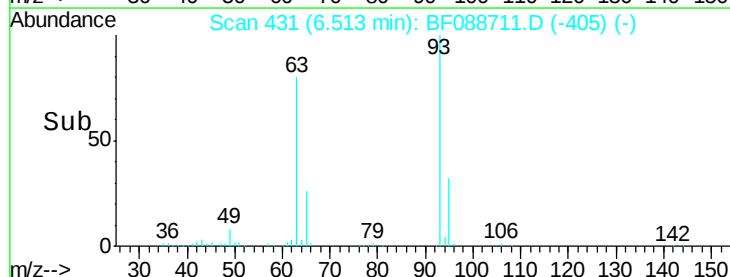
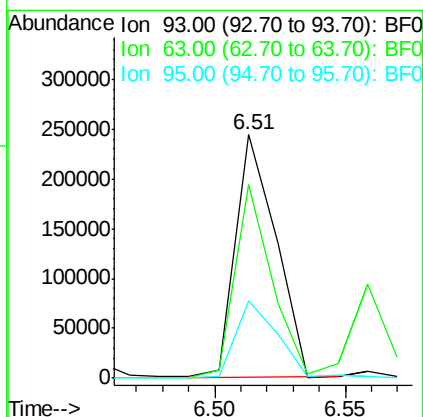
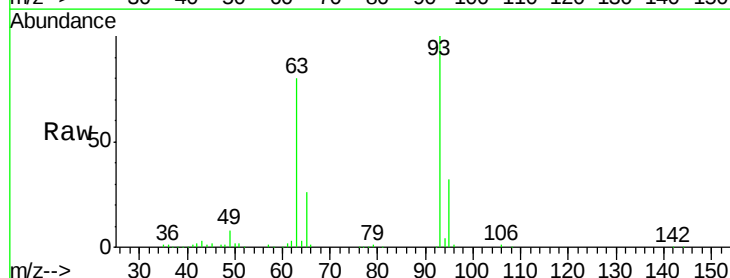
Tgt Ion: 93 Resp: 263327

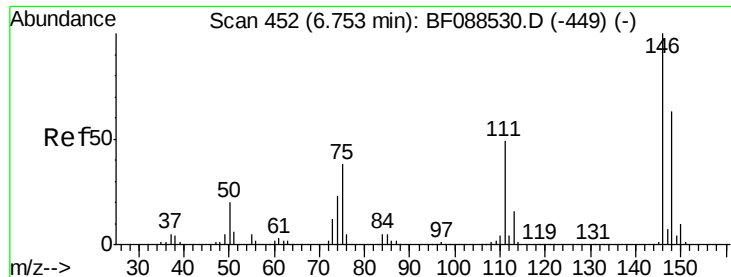
Ion Ratio Lower Upper

93 100

63 79.5 67.6 107.6

95 31.7 12.5 52.5

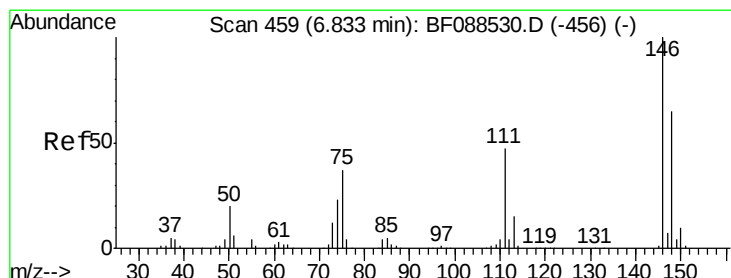
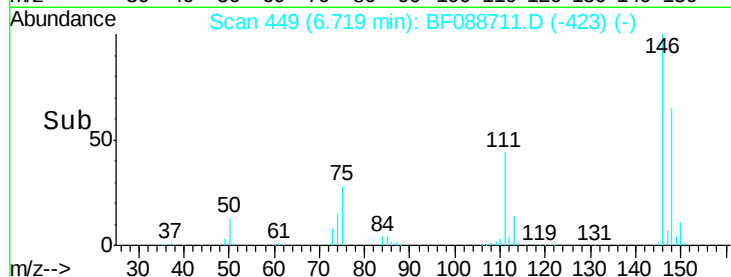
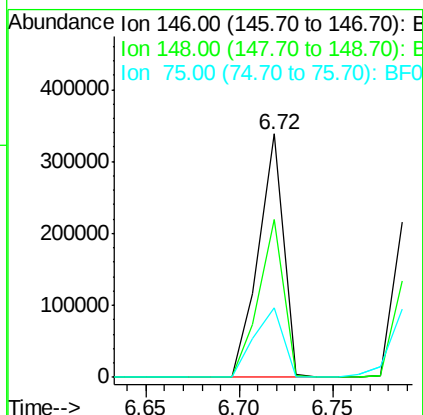
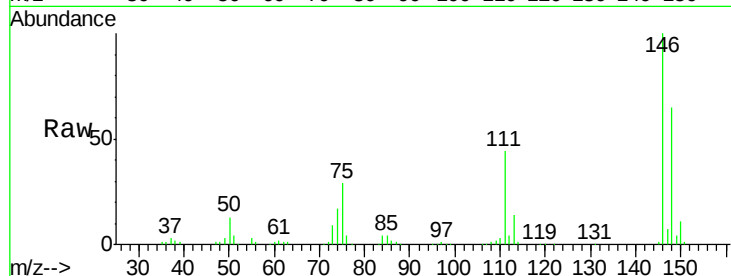




#12
 1,3-Dichlorobenzene
 Concen: 37.40 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

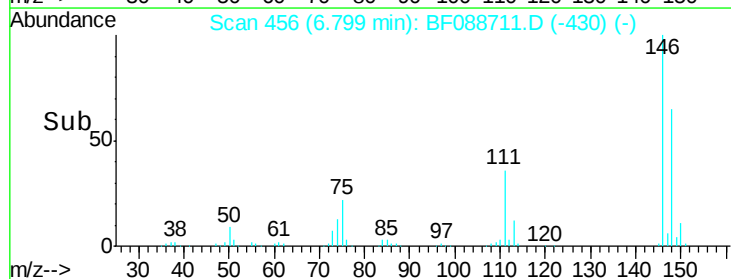
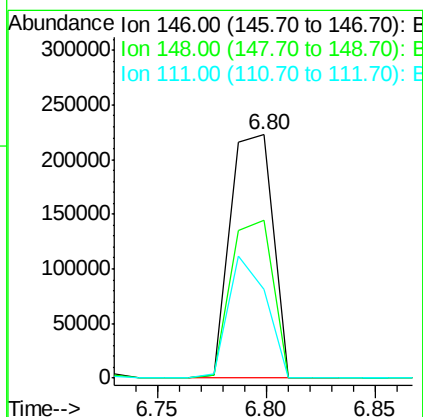
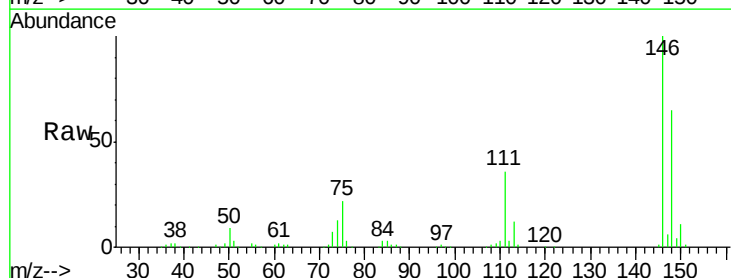
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

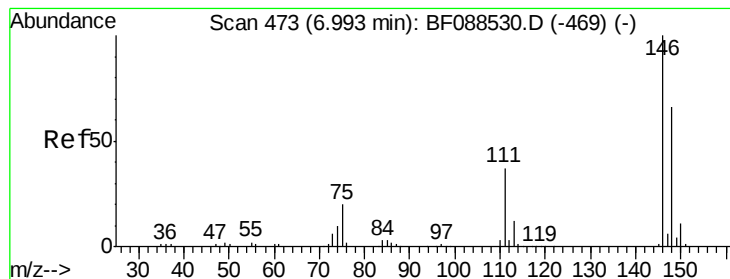
Tgt Ion:146 Resp: 315364
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.9 76.3
 75 28.8 25.6 38.4



#13
 1,4-Dichlorobenzene
 Concen: 36.31 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion:146 Resp: 303863
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.0 78.0
 111 36.5 33.8 50.8

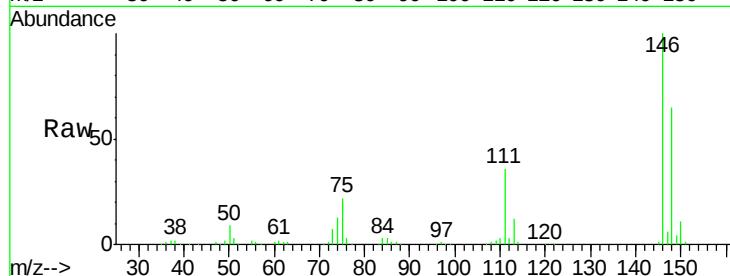




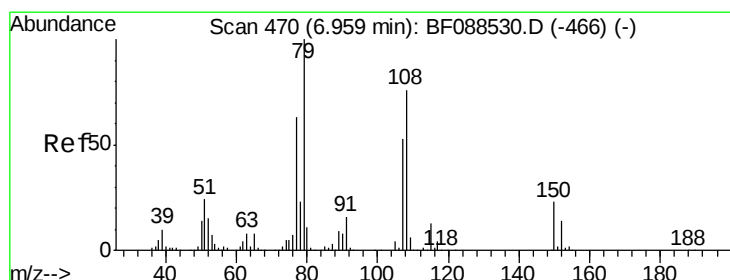
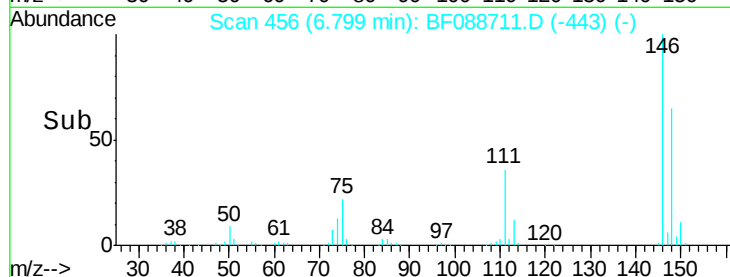
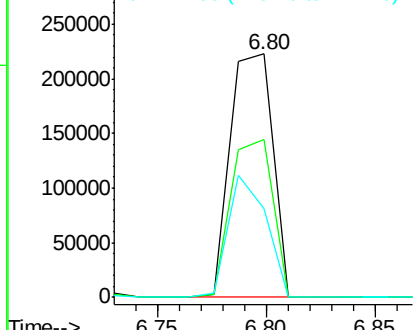
#14
 1,2-Dichlorobenzene
 Concen: 38.79 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.15 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion: 146 Resp: 303863
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.3 78.5
 111 36.5 28.7 43.1

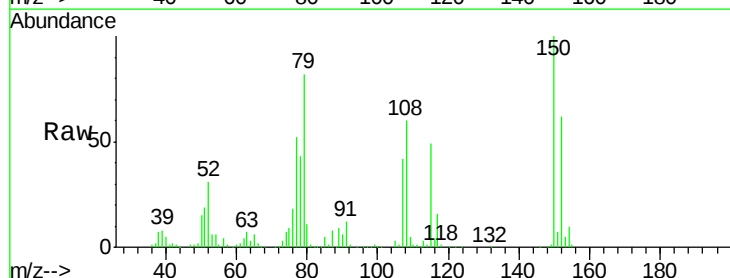


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

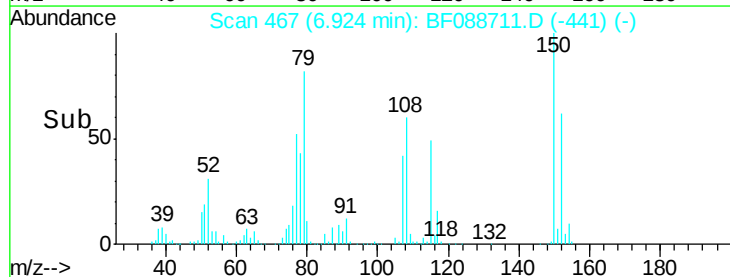
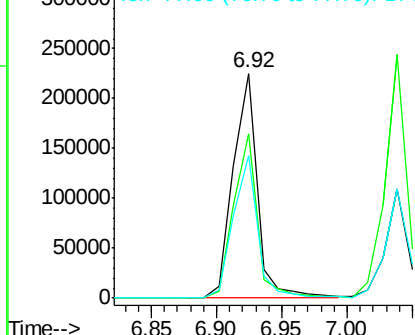


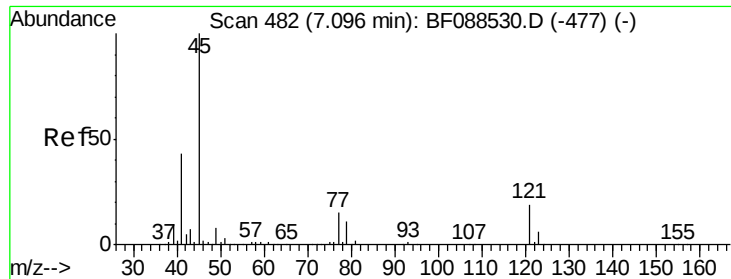
#15
 Benzyl Alcohol
 Concen: 42.62 ng
 RT: 6.92 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion: 79 Resp: 288989
 Ion Ratio Lower Upper
 79 100
 108 73.4 65.0 97.6
 77 63.3 50.3 75.5



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

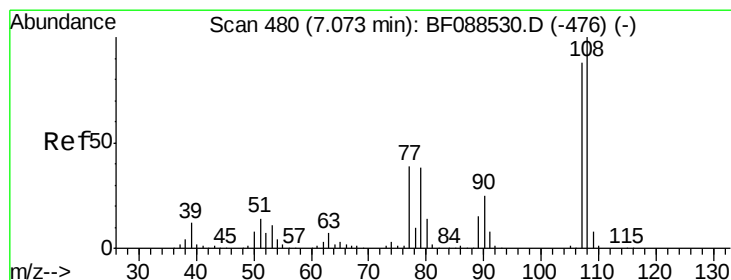
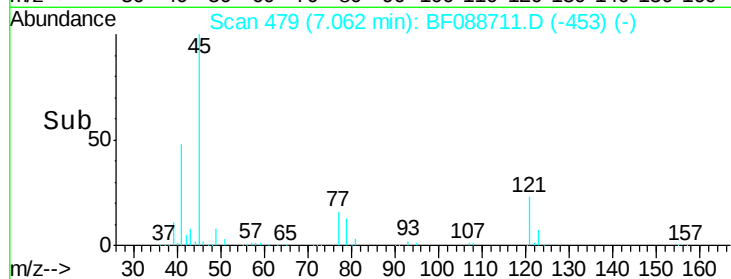
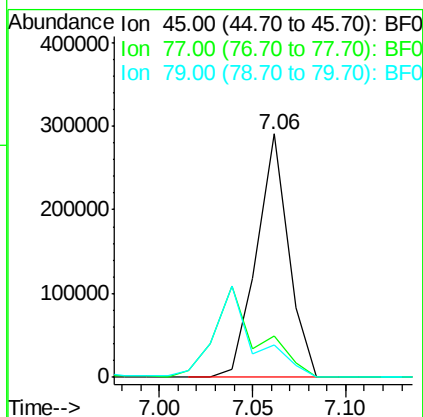
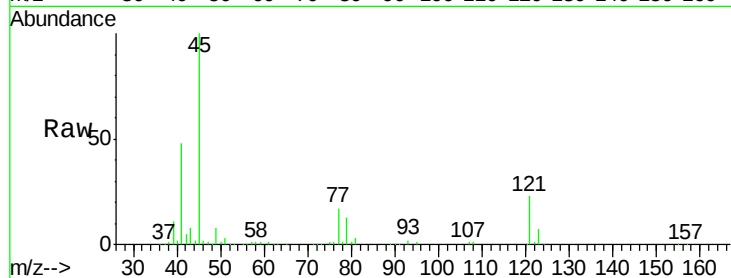




#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.31 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

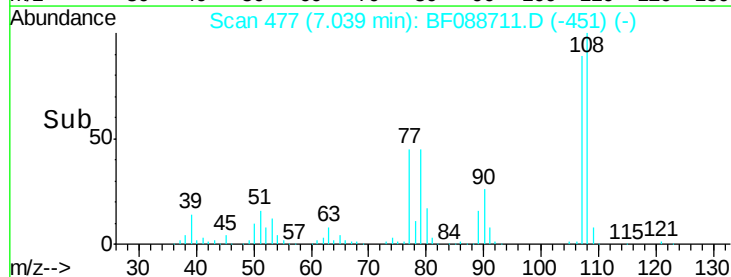
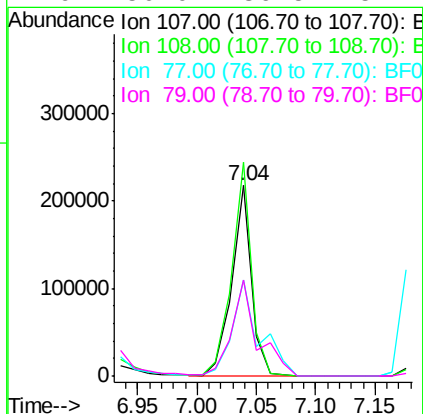
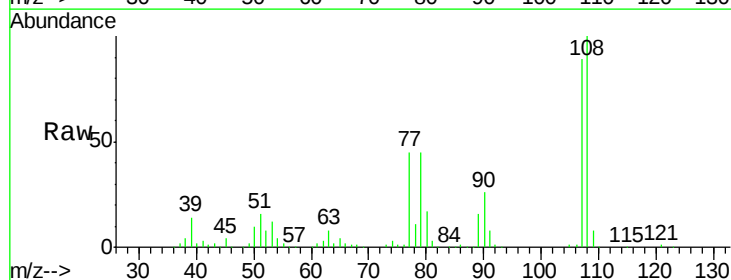
Instrument :
BNA_F
ClientSampleId :
PB91760BS

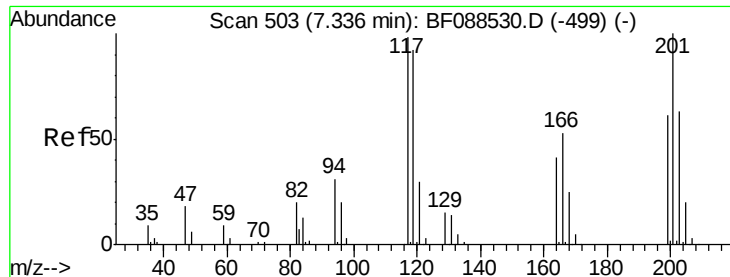
Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	32.5
79	13.1	0.0	29.5



#17
2-Methylphenol
Concen: 40.09 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.9	136.3
77	50.2	36.6	55.0
79	50.0	36.5	54.7

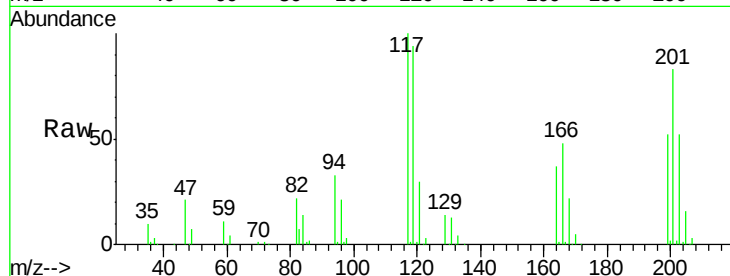




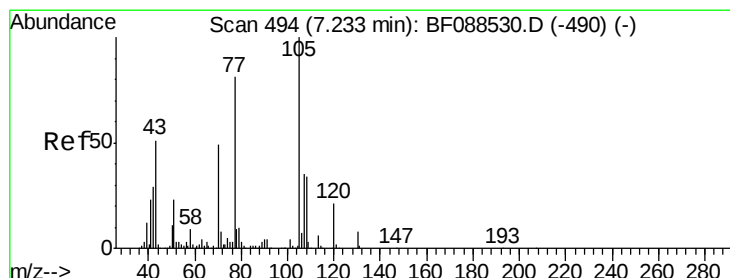
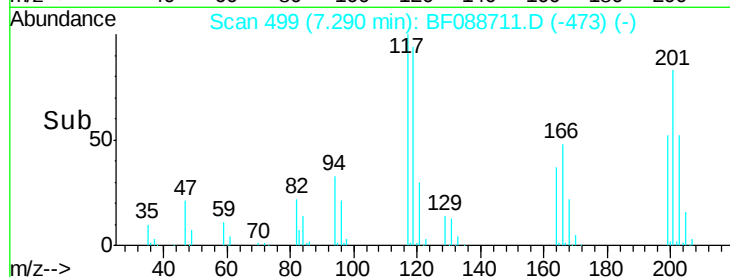
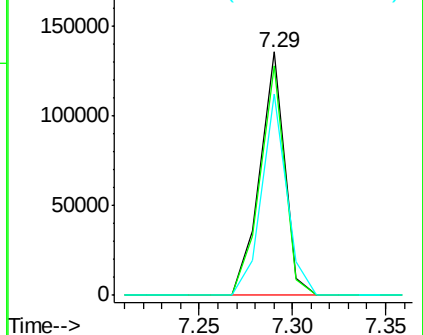
#18
Hexachloroethane
Concen: 38.44 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion: 117 Resp: 124456
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.2
201 82.8 80.4 120.6



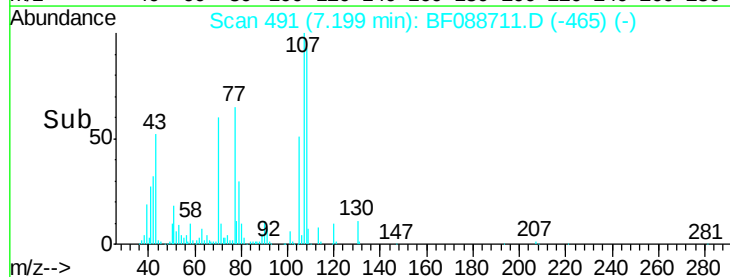
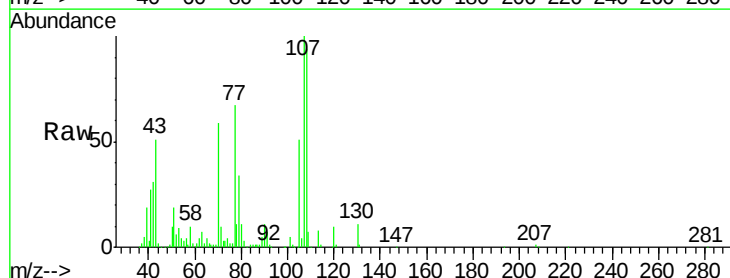
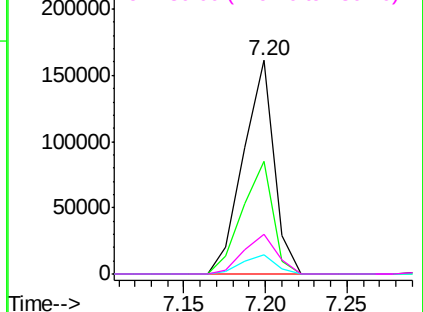
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

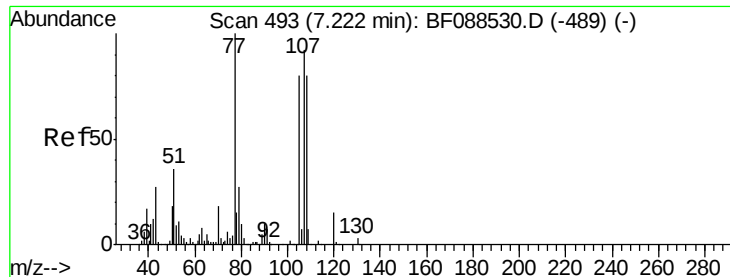


#19
n-Nitroso-di-n-propylamine
Concen: 33.95 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion: 70 Resp: 210054
Ion Ratio Lower Upper
70 100
42 52.7 49.6 74.4
101 9.3 7.1 10.7
130 18.8 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 43.55 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

Tgt Ion:107 Resp: 326686

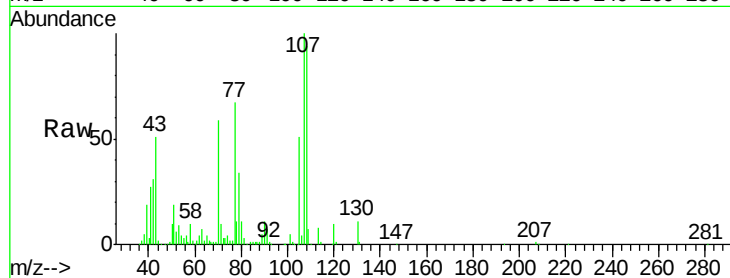
Ion Ratio Lower Upper

107 100

108 93.6 67.8 107.8

77 66.5 59.3 99.3

79 33.6 7.0 47.0



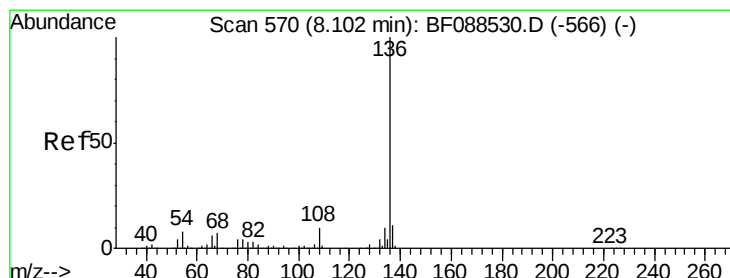
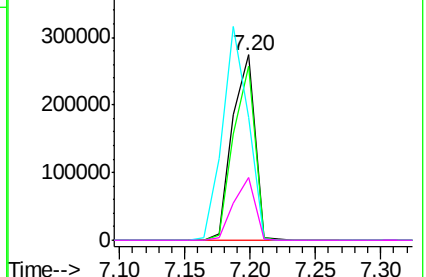
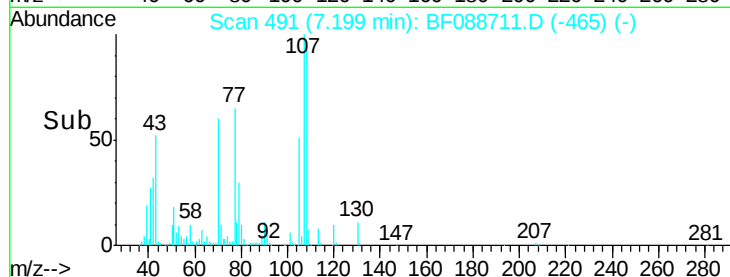
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Tgt Ion:136 Resp: 430751

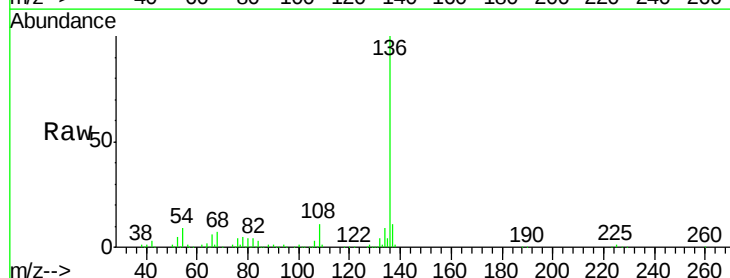
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.0 6.6 10.0

68 7.3 5.1 7.7



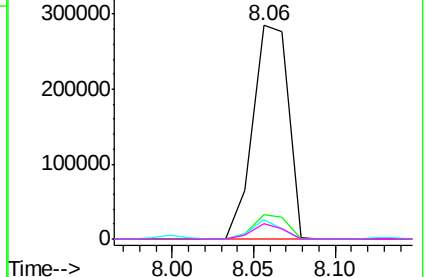
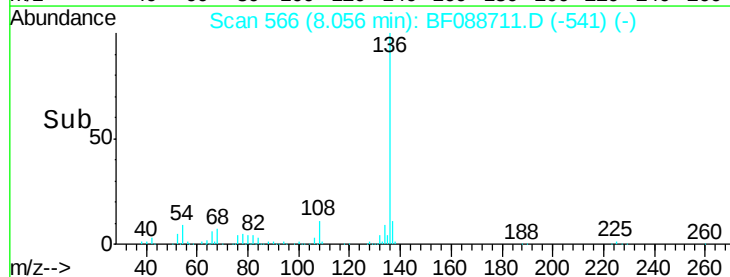
Abundance Ion 136.00 (135.70 to 136.70): E

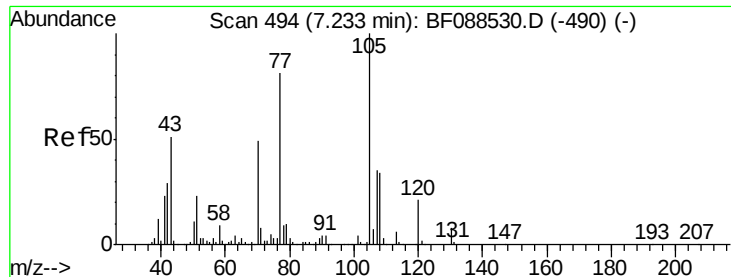
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->





#22

Acetophenone

Concen: 39.88 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

Tgt Ion: 105 Resp: 416955

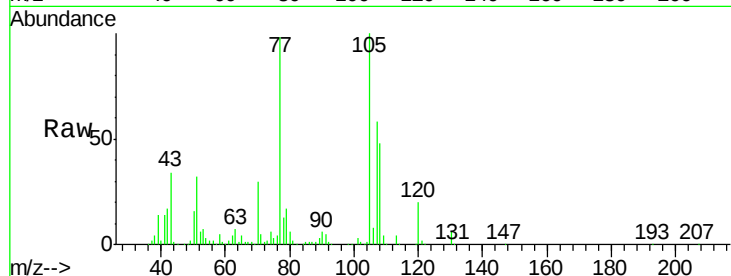
Ion Ratio Lower Upper

105 100

71 5.0 5.3 7.9#

51 32.5 18.2 27.4#

120 19.8 18.0 27.0

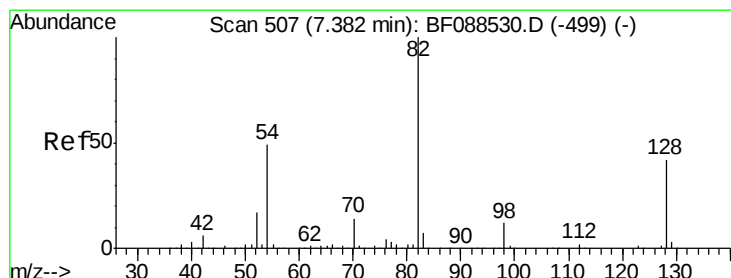
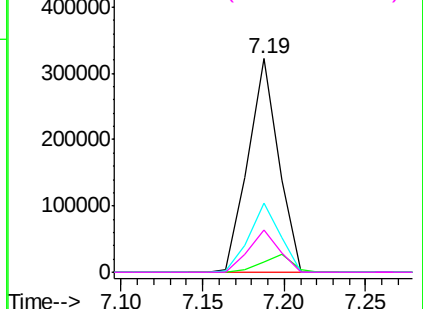
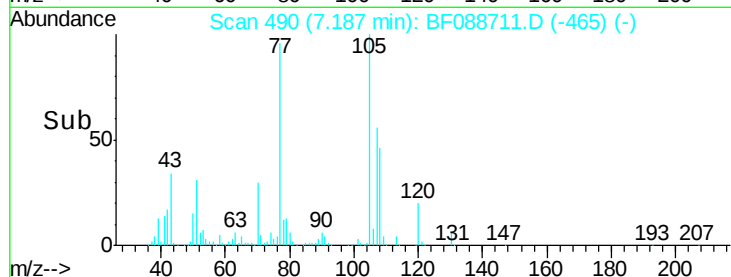


Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.76 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

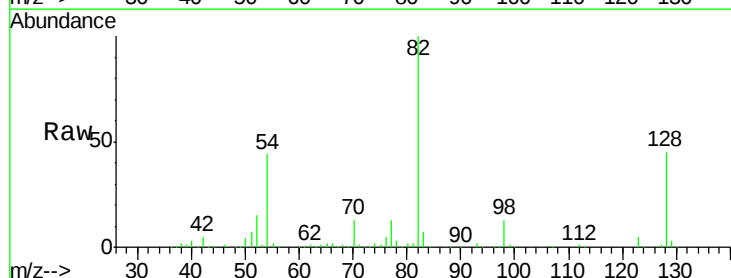
Tgt Ion: 82 Resp: 713113

Ion Ratio Lower Upper

82 100

128 45.3 35.9 53.9

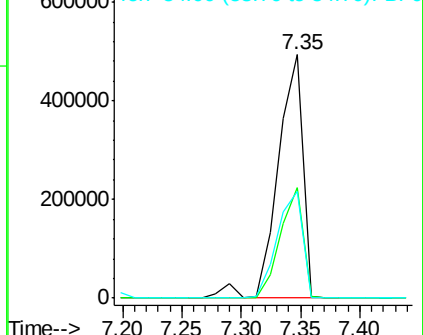
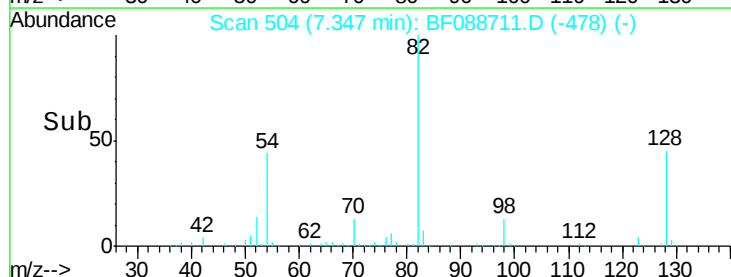
54 44.0 40.9 61.3

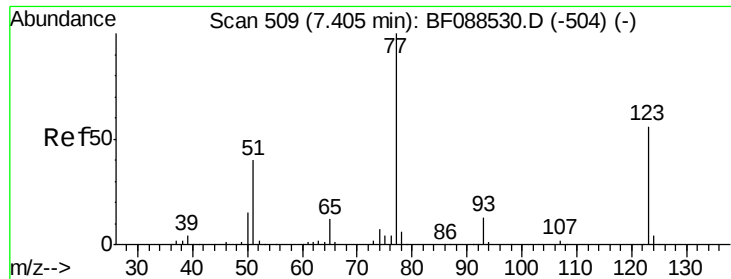


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 37.92 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

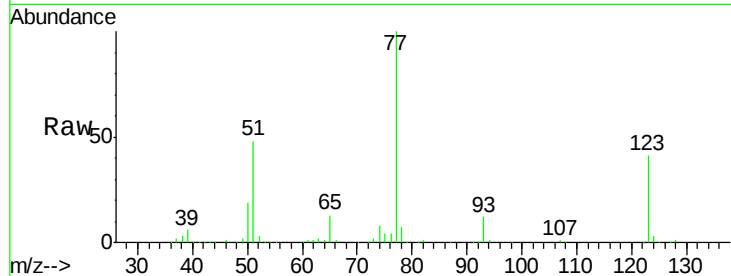
Tgt Ion: 77 Resp: 314274

Ion Ratio Lower Upper

77 100

123 40.9 45.0 67.4#

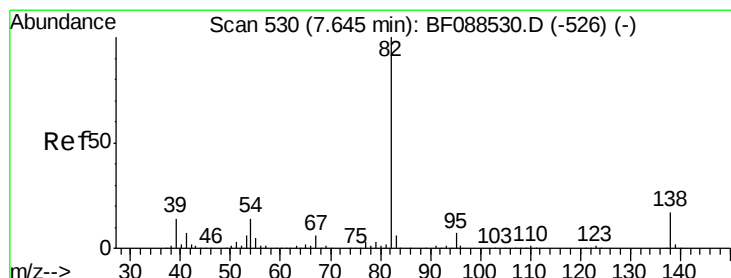
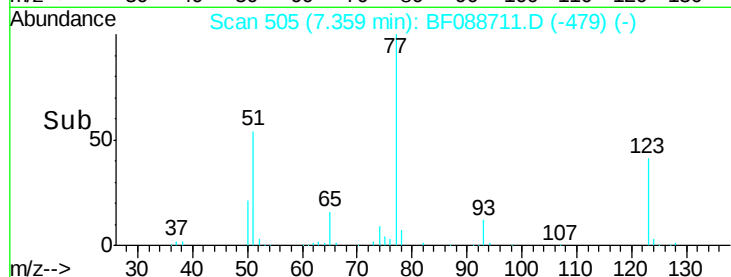
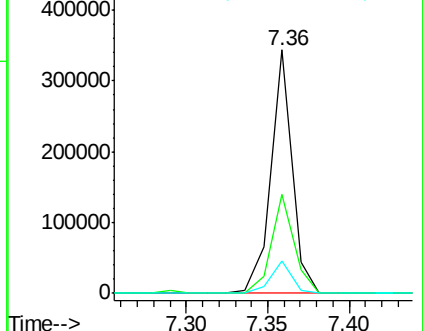
65 13.4 10.2 15.2



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: 41.45 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

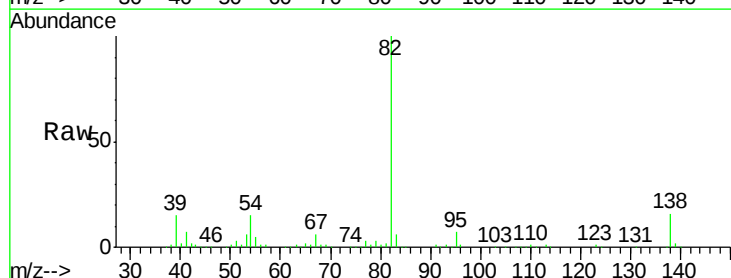
Tgt Ion: 82 Resp: 631122

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

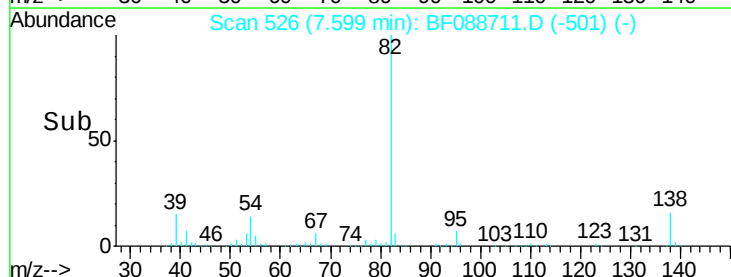
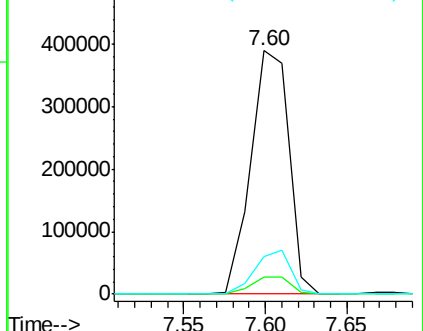
138 15.5 14.6 21.8

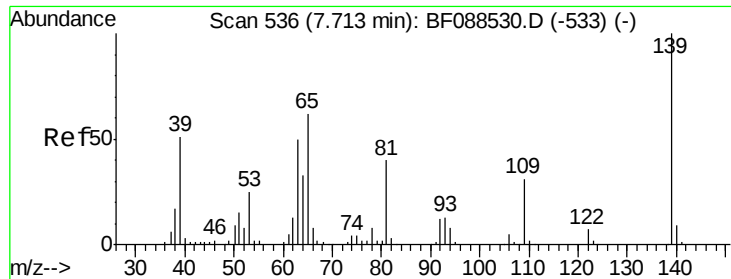


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

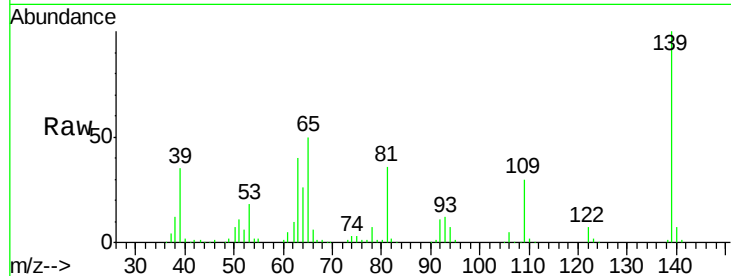




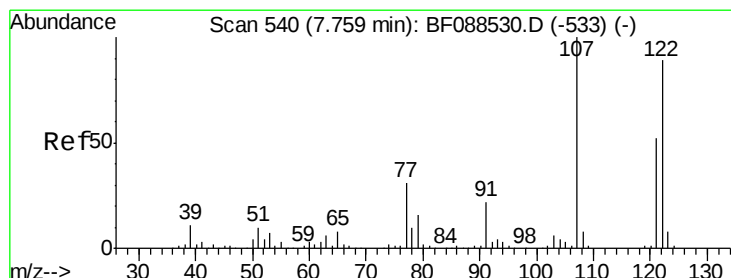
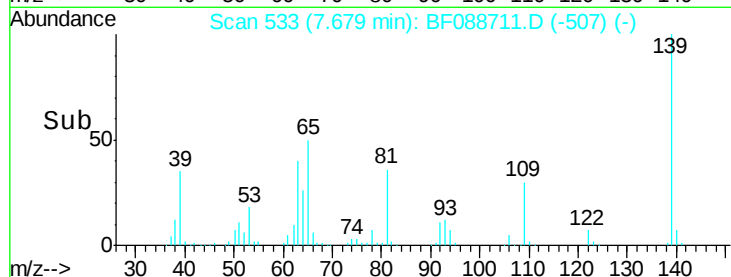
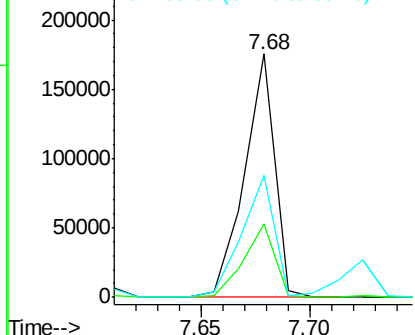
#26
2-Nitrophenol
Concen: 49.79 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:139 Resp: 169197
Ion Ratio Lower Upper
139 100
109 30.2 23.0 34.4
65 50.4 45.8 68.8

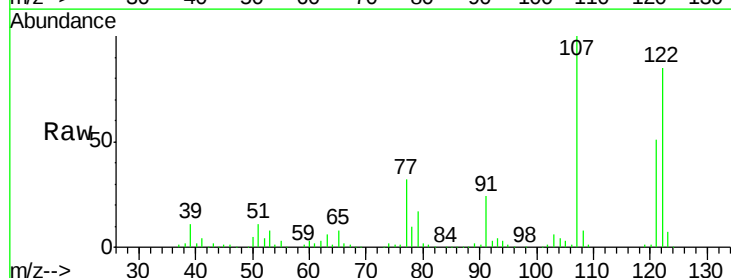


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

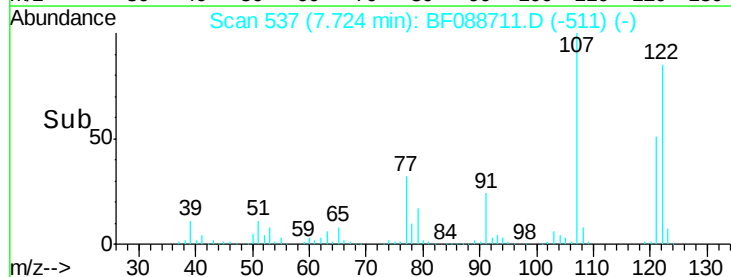
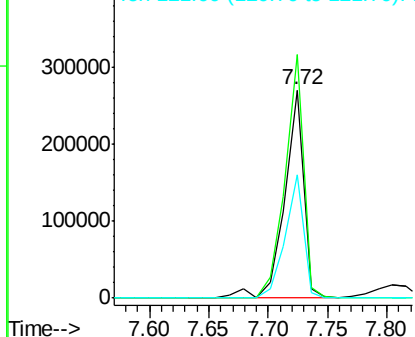


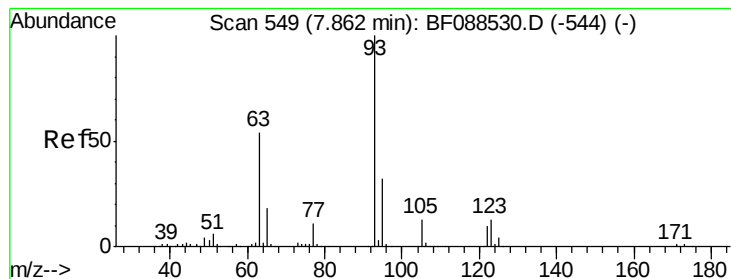
#27
2,4-Dimethylphenol
Concen: 42.34 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:122 Resp: 299679
Ion Ratio Lower Upper
122 100
107 117.0 82.4 123.6
121 59.5 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: 37.41 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

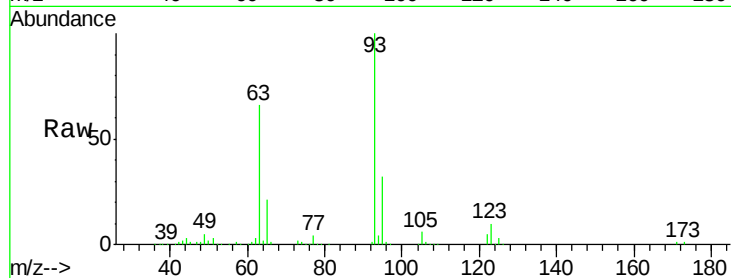
Tgt Ion: 93 Resp: 370705

Ion Ratio Lower Upper

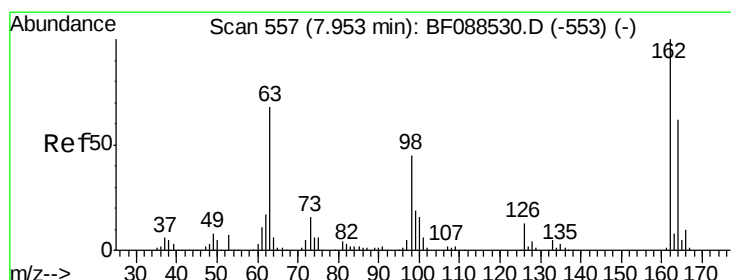
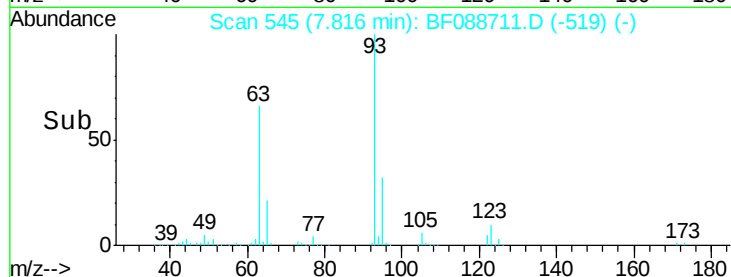
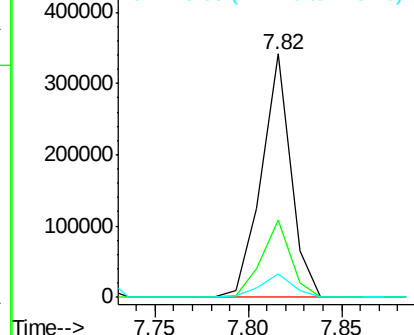
93 100

95 31.6 26.5 39.7

123 9.8 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 41.84 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

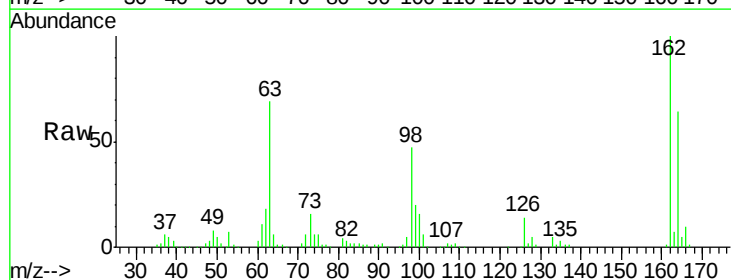
Tgt Ion: 162 Resp: 239335

Ion Ratio Lower Upper

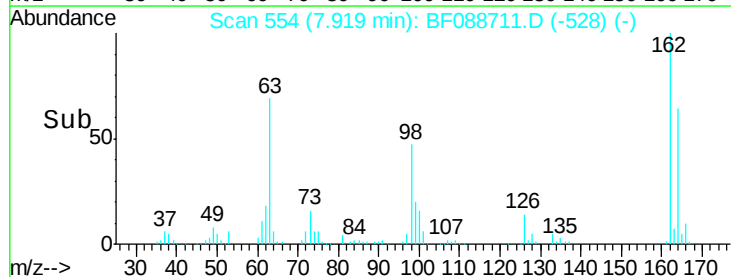
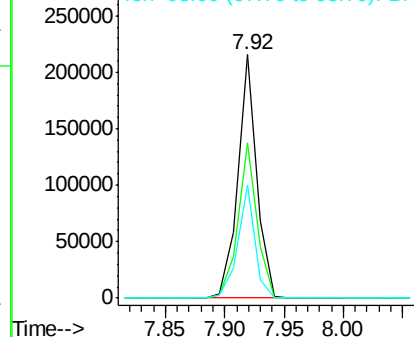
162 100

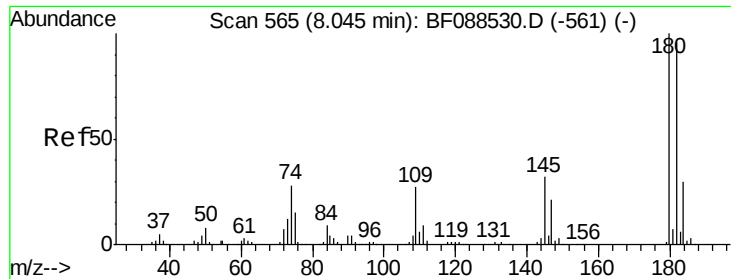
164 63.6 43.8 83.8

98 46.6 21.3 61.3



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

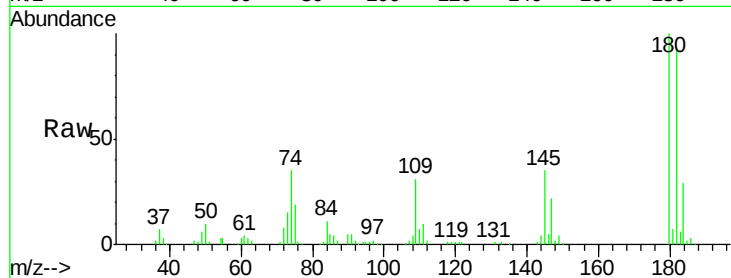




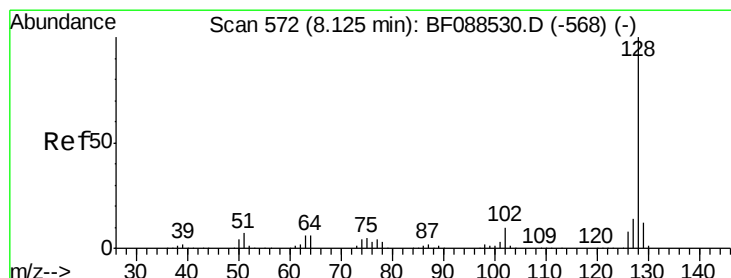
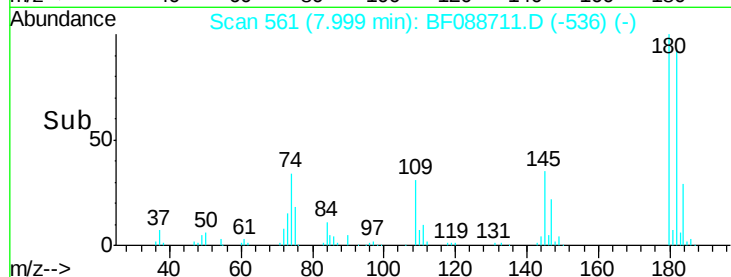
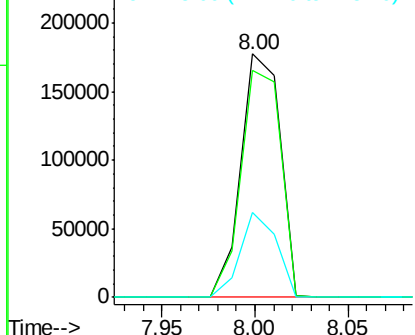
#30
 1,2,4-Trichlorobenzene
 Concen: 41.11 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion:180 Resp: 258056
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.0 114.0
 145 34.9 26.5 39.7

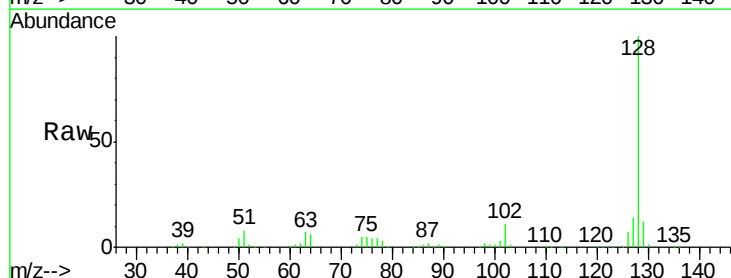


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

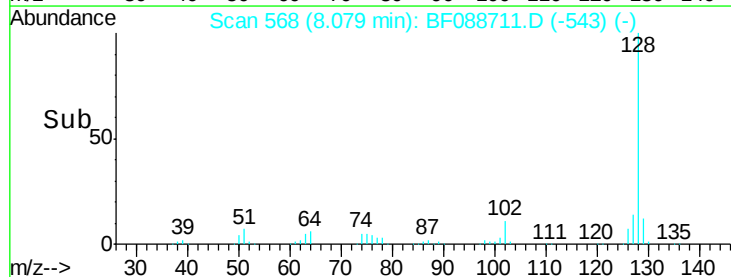
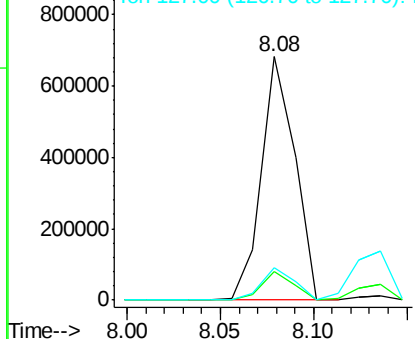


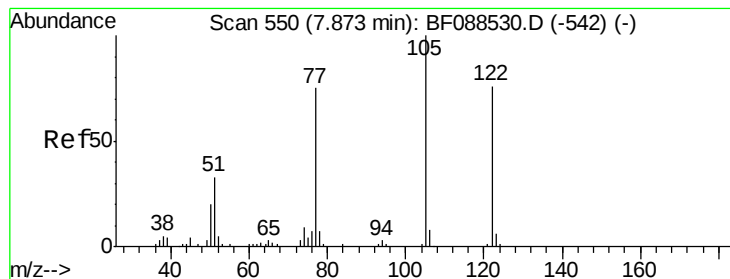
#31
 Naphthalene
 Concen: 39.67 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion:128 Resp: 842463
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.4 14.2
 127 13.5 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: 8.42 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.06 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

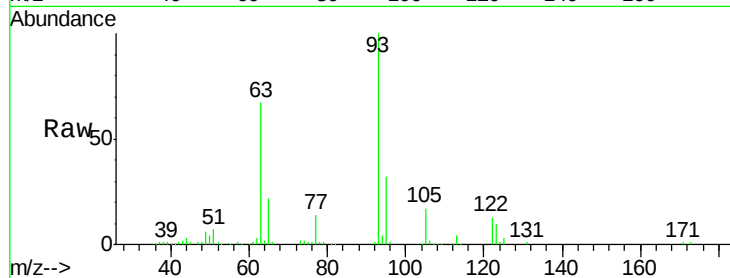
Tgt Ion:122 Resp: 43269

Ion Ratio Lower Upper

122 100

105 129.1 101.6 141.6

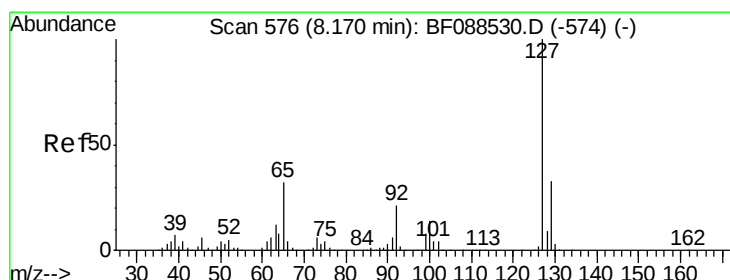
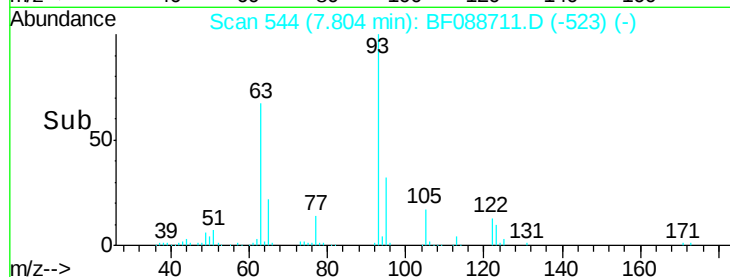
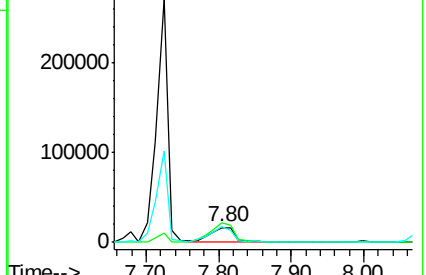
77 102.8 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 20.07 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Tgt Ion:127 Resp: 189672

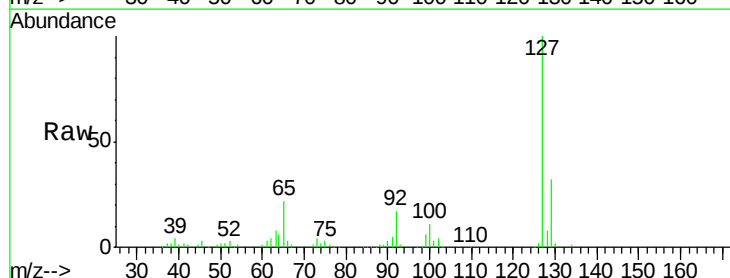
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 21.5 24.7 37.1#

92 16.9 15.4 23.0

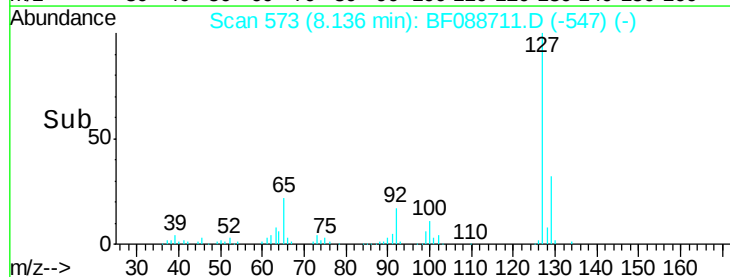
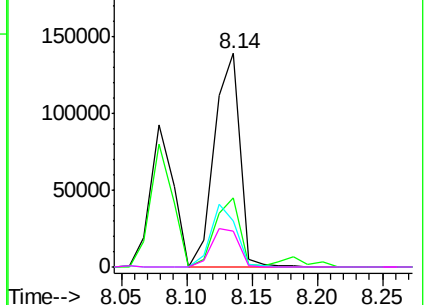


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

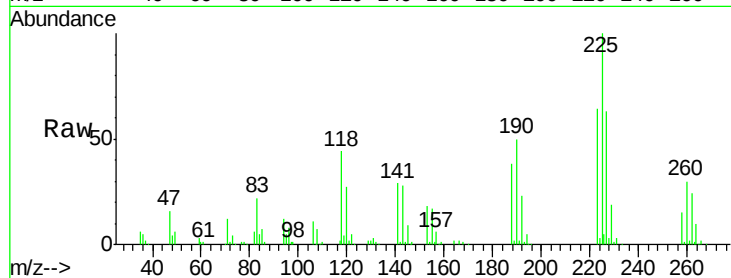




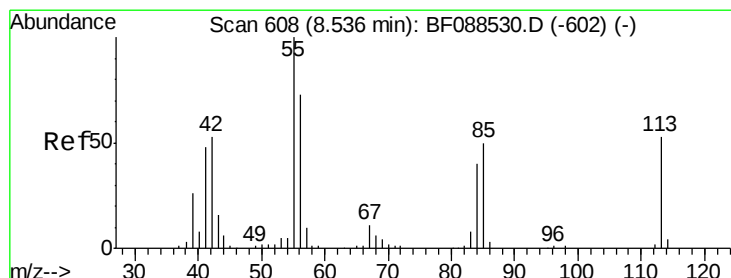
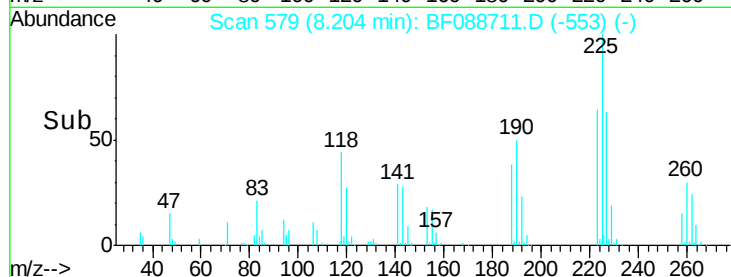
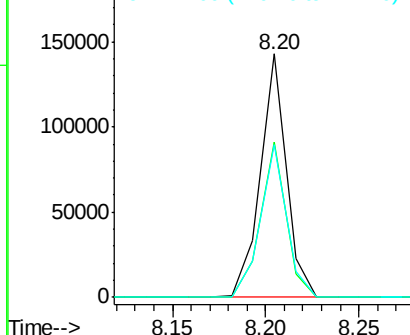
#34
Hexachlorobutadiene
Concen: 40.82 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:225 Resp: 137208
Ion Ratio Lower Upper
225 100
223 63.9 50.9 76.3
227 62.7 51.9 77.9

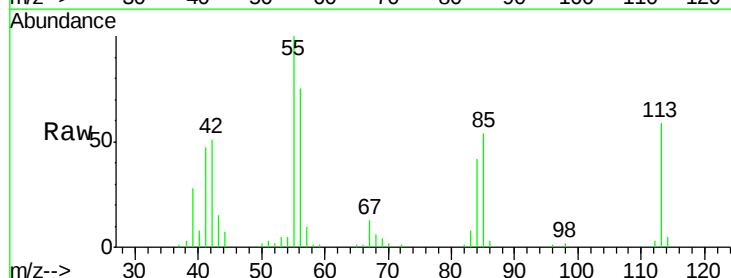


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

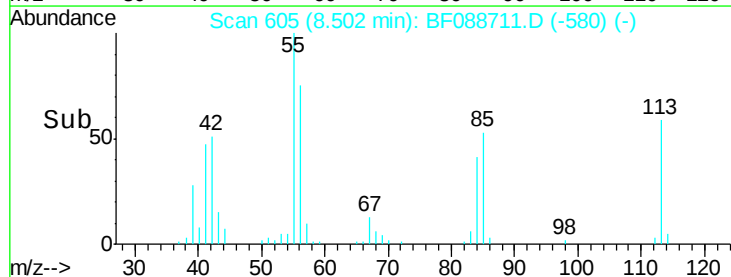
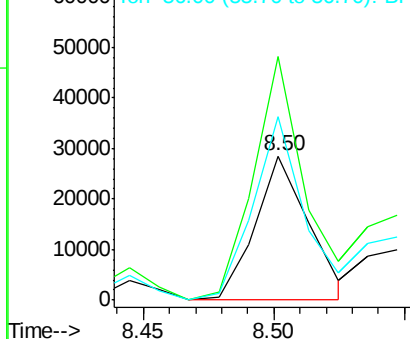


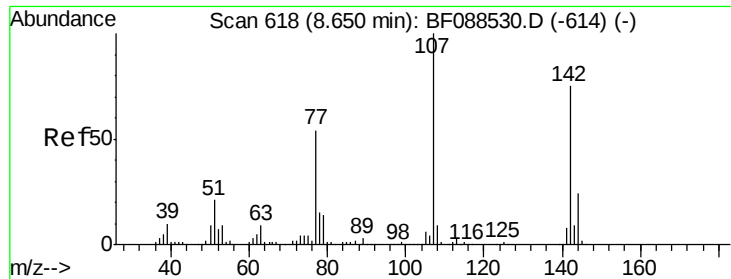
#35
Caprolactam
Concen: 21.01 ng
RT: 8.50 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:113 Resp: 40824
Ion Ratio Lower Upper
113 100
55 168.7 158.6 198.6
56 126.8 110.6 150.6



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

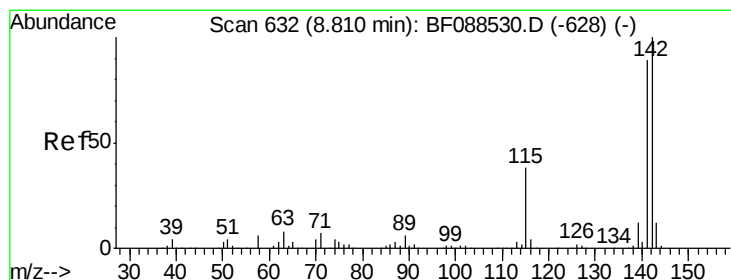
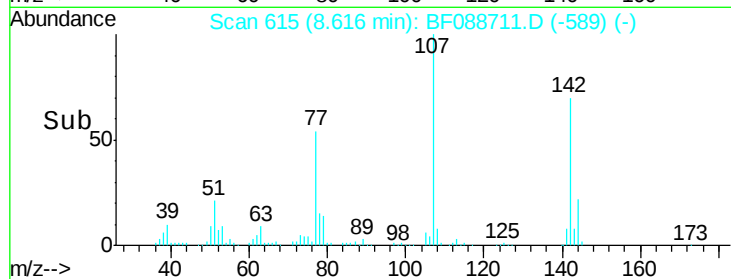
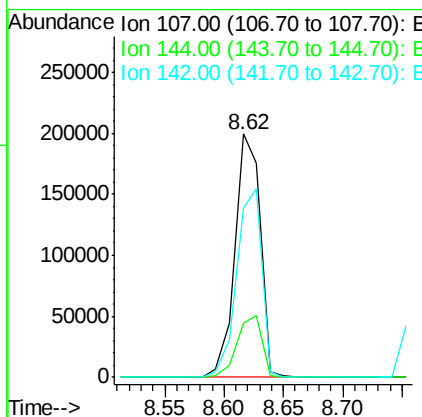
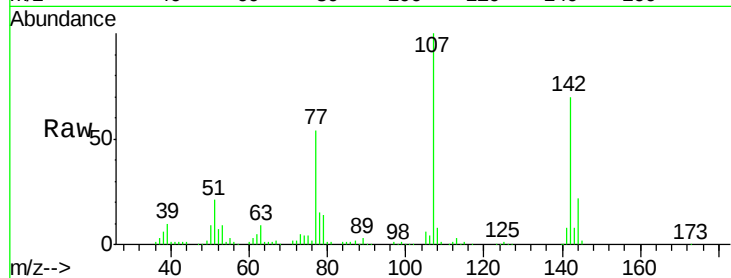




#36
 4-Chloro-3-methylphenol
 Concen: 43.93 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

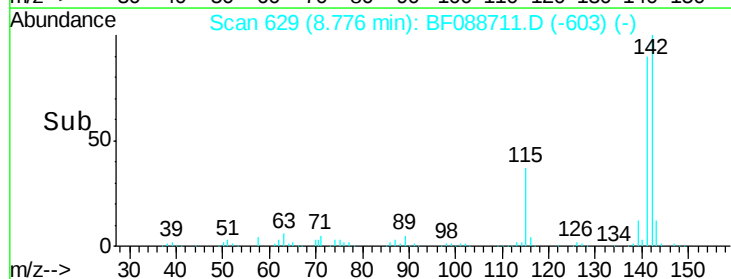
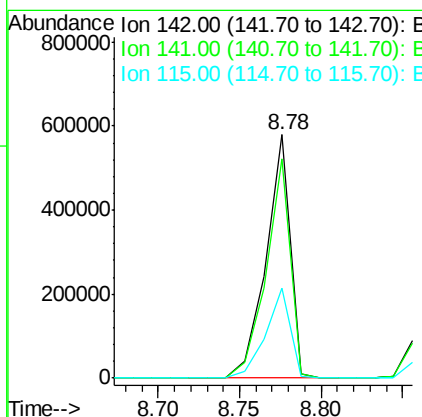
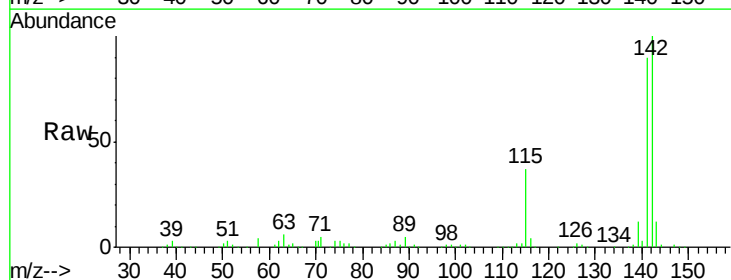
Instrument :
 BNA_F
 ClientSampled :
 PB91760BS

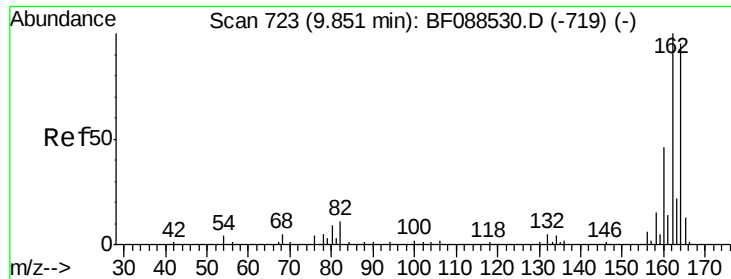
Tgt Ion:107 Resp: 297197
 Ion Ratio Lower Upper
 107 100
 144 22.5 20.8 31.2
 142 69.8 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 43.80 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion:142 Resp: 598910
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.0 106.6
 115 36.9 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampled :

PB91760BS

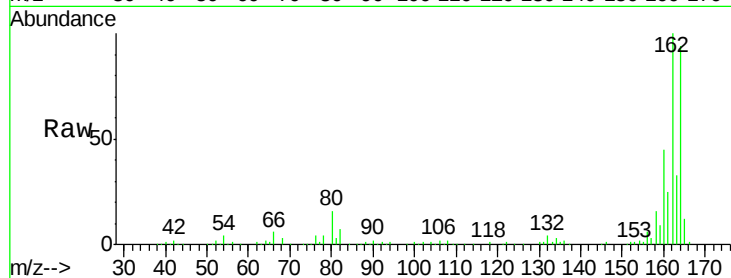
Tgt Ion:164 Resp: 210665

Ion Ratio Lower Upper

164 100

162 106.9 85.4 128.2

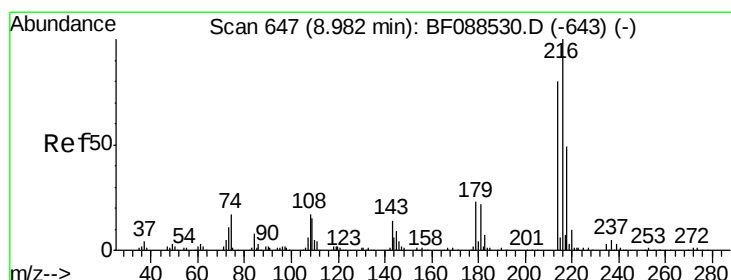
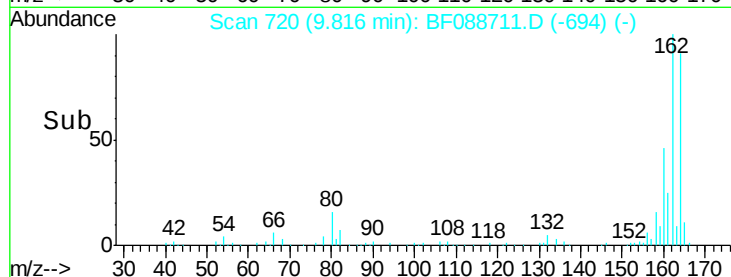
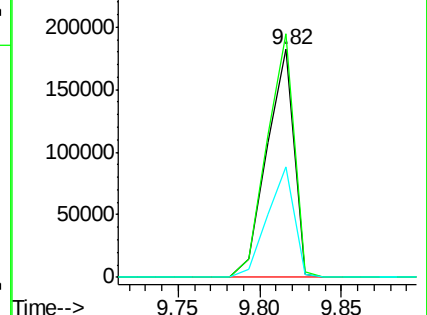
160 48.6 39.5 59.3



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: 33.53 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Tgt Ion:216 Resp: 234964

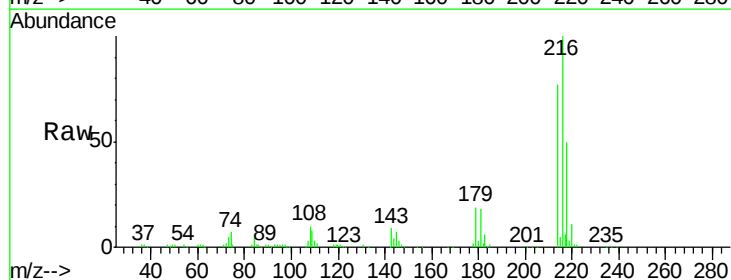
Ion Ratio Lower Upper

216 100

214 78.6 2.9 4.3#

179 22.5 0.0 0.0#

108 22.9 0.5 0.7#

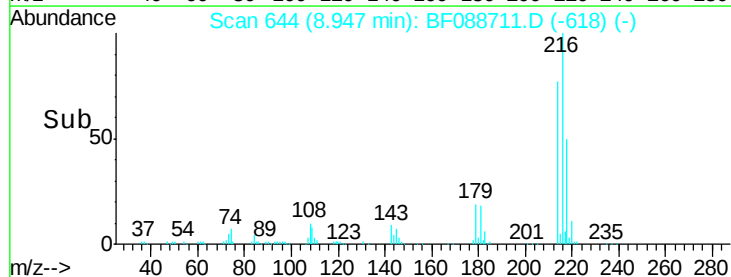
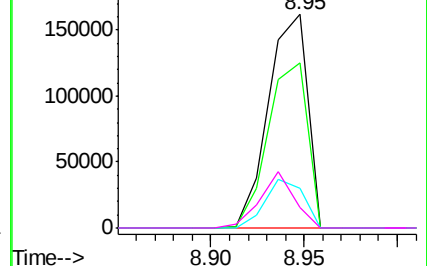


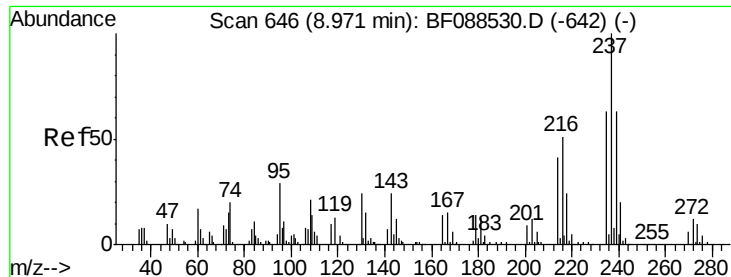
Abundance Ion 216.00 (215.70 to 216.70): E

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

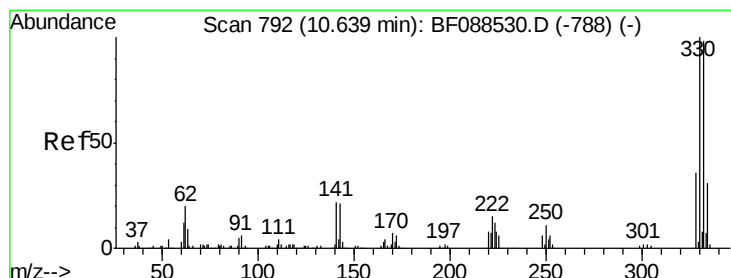
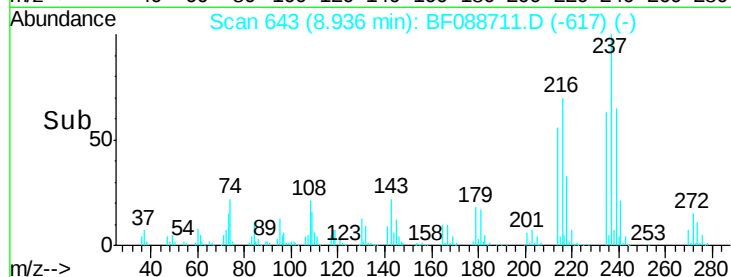
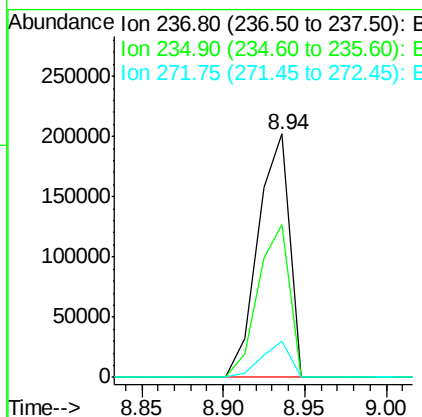
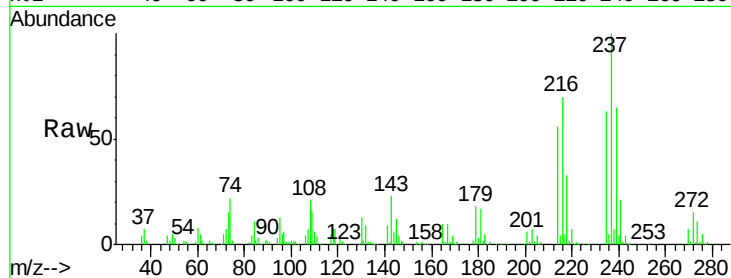




#40
Hexachlorocyclopentadiene
Concen: 78.50 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

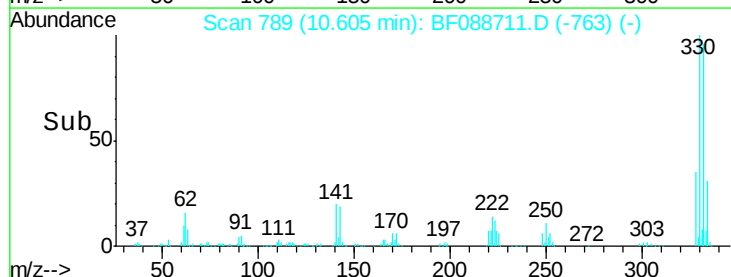
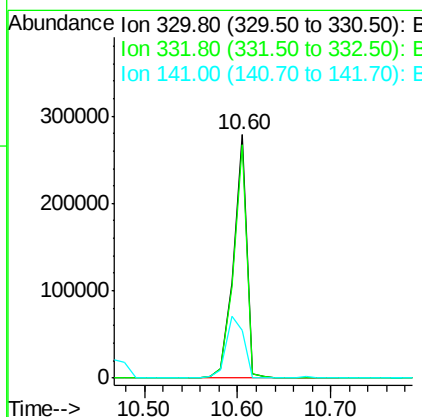
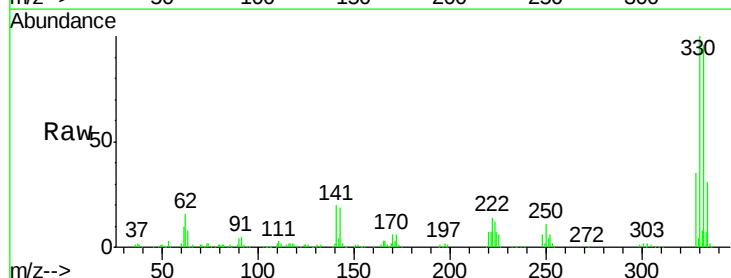
Instrument :
BNA_F
ClientSampleId :
PB91760BS

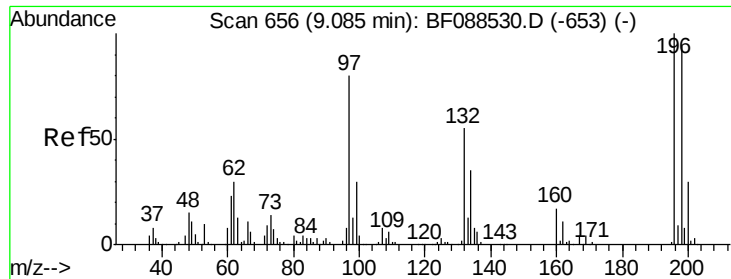
Tgt Ion:237 Resp: 269958
Ion Ratio Lower Upper
237 100
235 62.6 43.4 83.4
272 14.7 0.0 32.3



#41
2,4,6-Tribromophenol
Concen: 143.57 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:330 Resp: 280866
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 34.0 0.0 0.0#

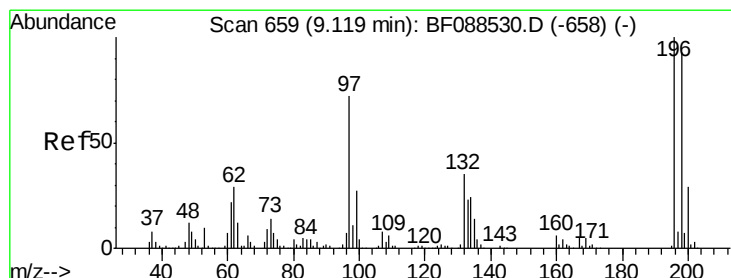
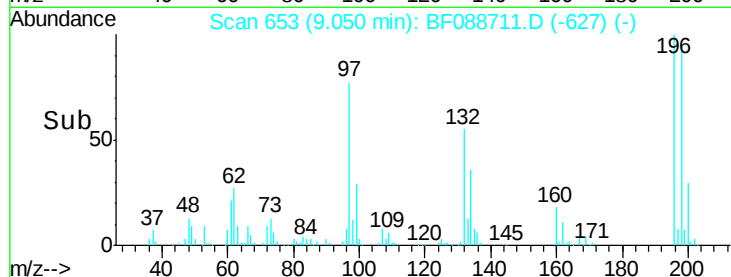
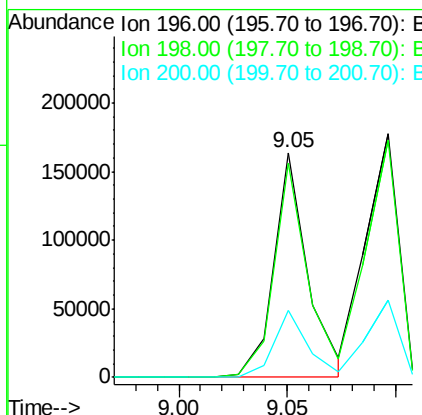
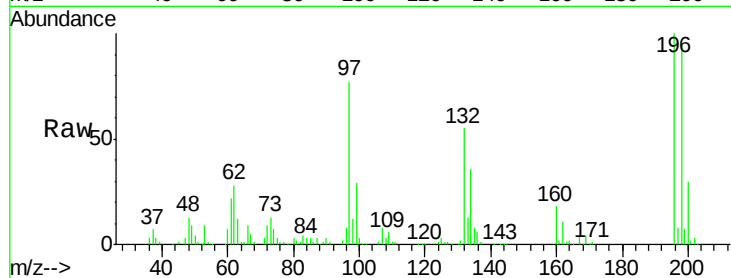




#42
 2,4,6-Trichlorophenol
 Concen: 38.85 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

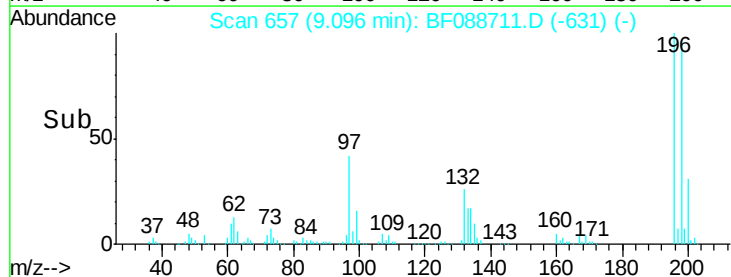
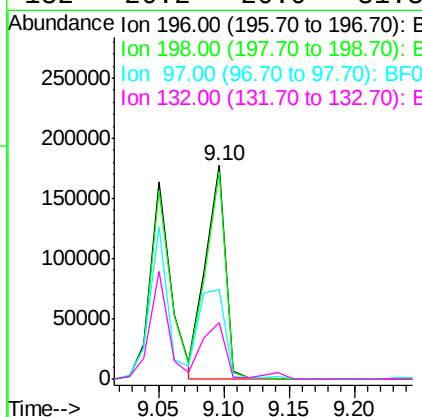
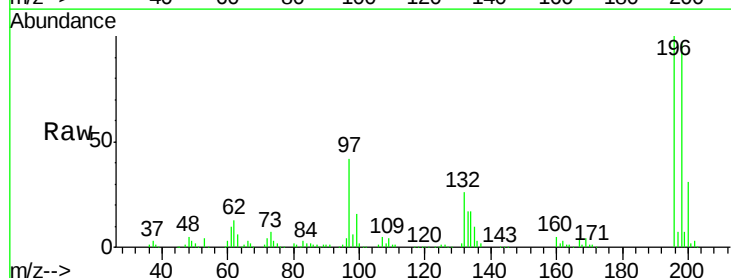
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

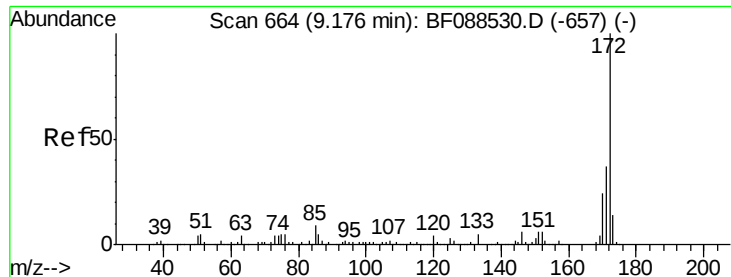
Tgt Ion:196 Resp: 179498
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.0 117.0
 200 30.1 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 47.57 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion:196 Resp: 189061
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.5 116.3
 97 42.1 32.0 48.0
 132 26.2 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 88.76 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

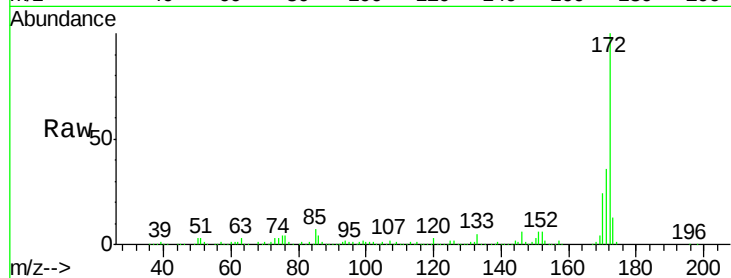
Tgt Ion:172 Resp: 1183722

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

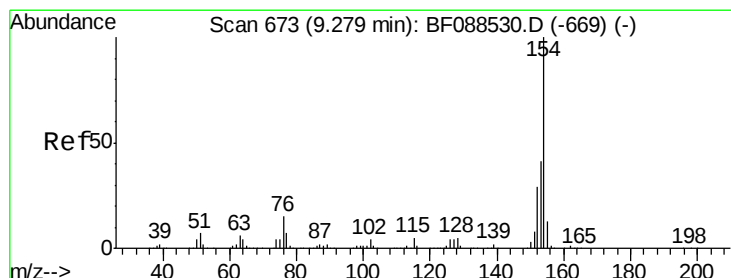
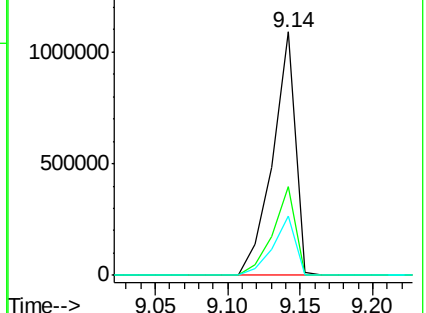
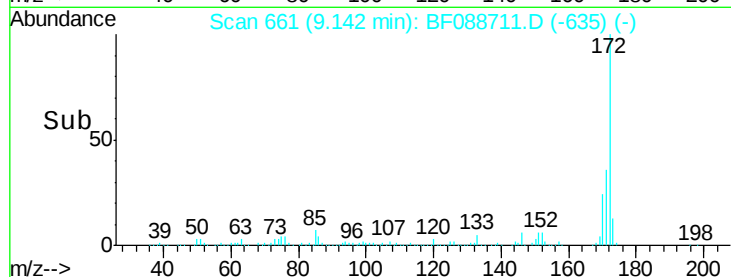
170 24.5 19.2 28.8



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: 38.45 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

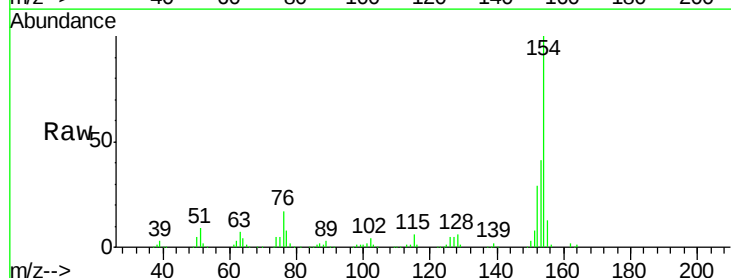
Tgt Ion:154 Resp: 670766

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

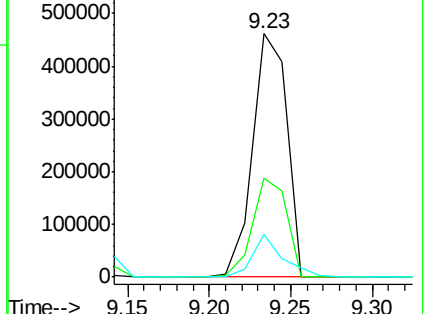
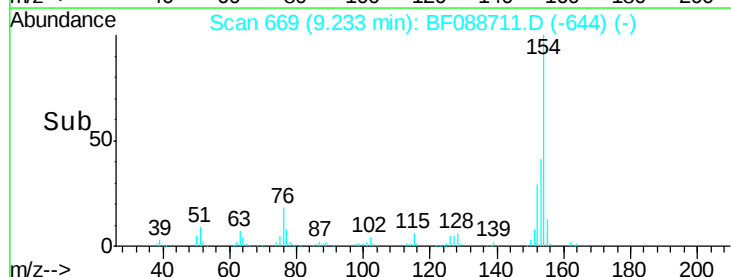
76 17.5 0.0 35.1

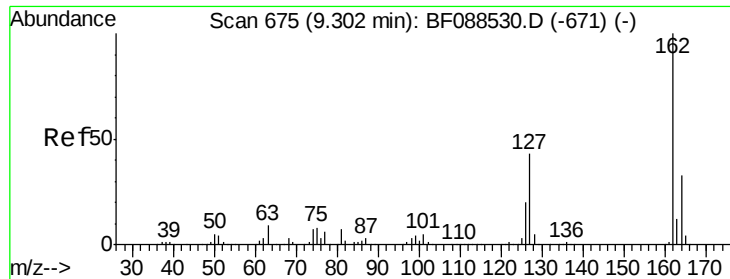


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

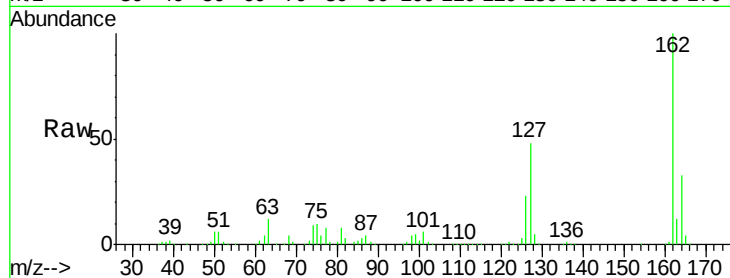




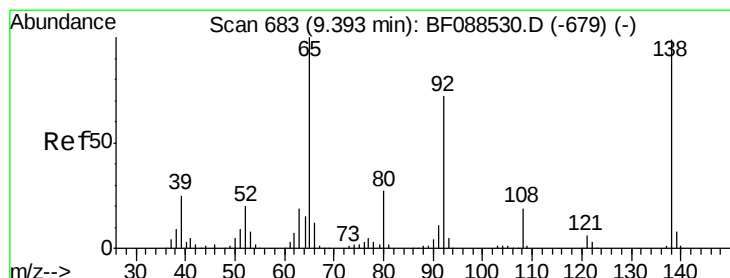
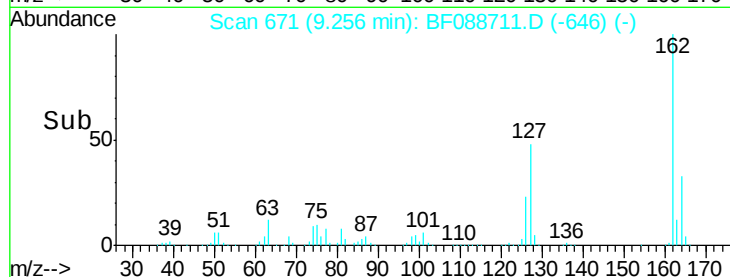
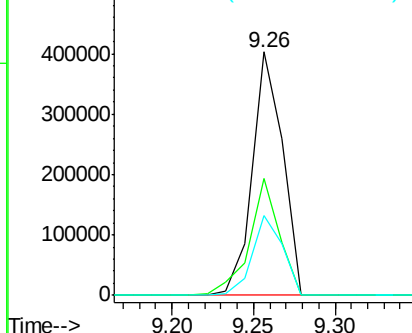
#46
 2-Chloronaphthalene
 Concen: 37.83 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion: 162 Resp: 518120
 Ion Ratio Lower Upper
 162 100
 127 47.9 35.2 52.8
 164 33.0 26.6 39.8

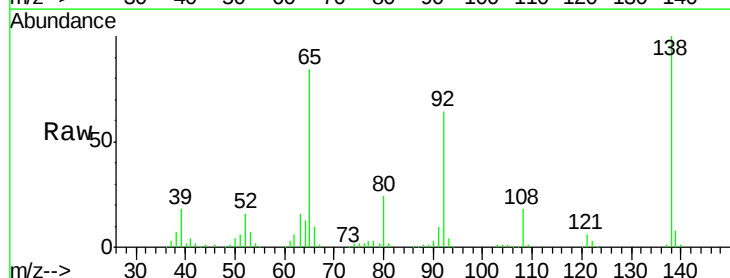


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

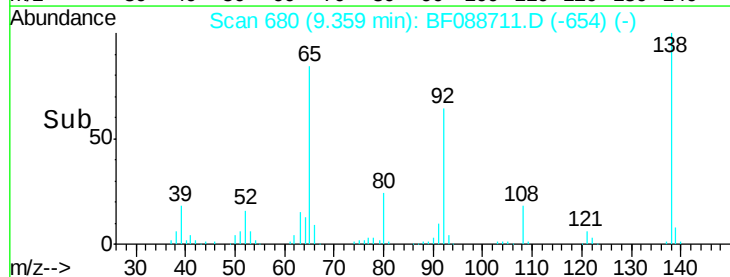
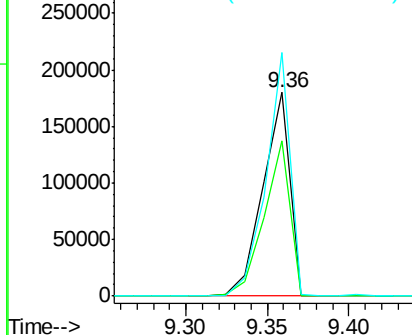


#47
 2-Nitroaniline
 Concen: 42.62 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion: 65 Resp: 207140
 Ion Ratio Lower Upper
 65 100
 92 76.4 54.6 82.0
 138 119.7 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.11 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

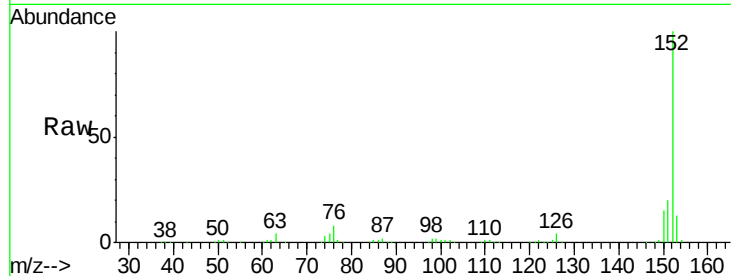
Tgt Ion:152 Resp: 917529

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

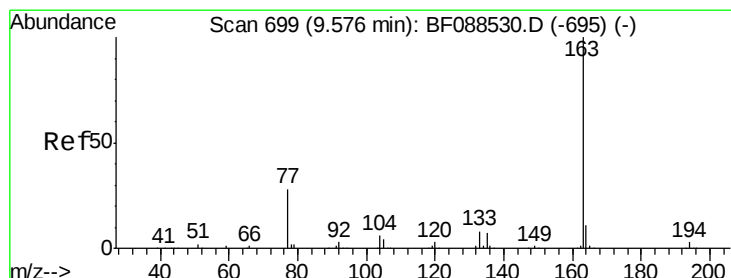
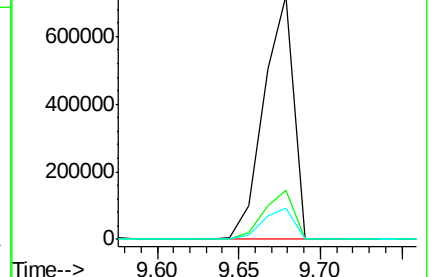
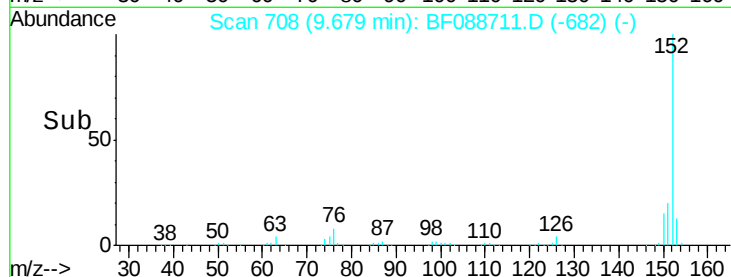
153 12.8 11.0 16.6



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: 40.55 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

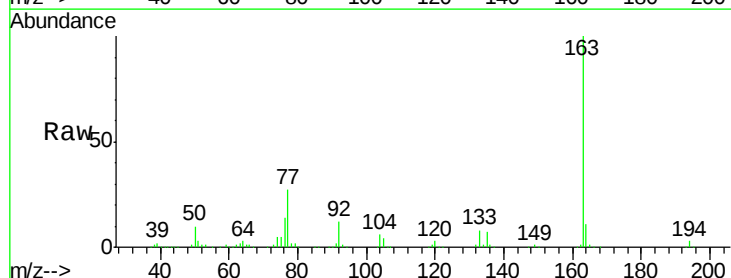
Tgt Ion:163 Resp: 608550

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

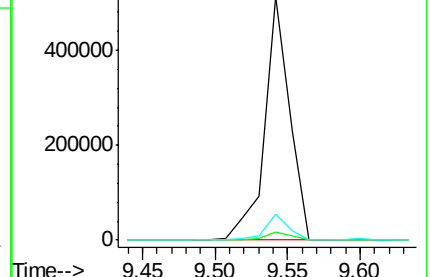
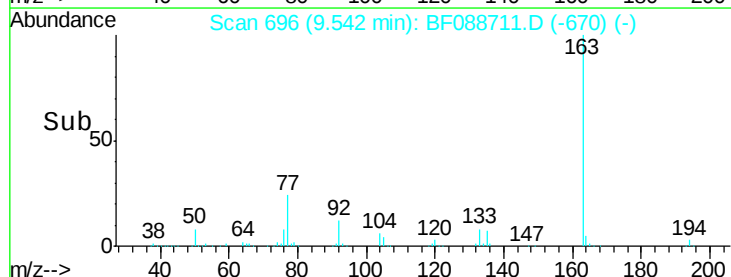
164 10.5 8.3 12.5

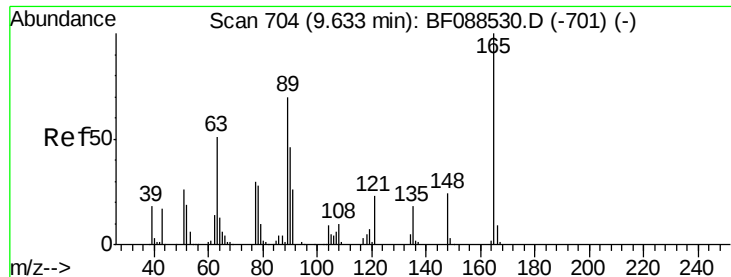


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 40.41 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

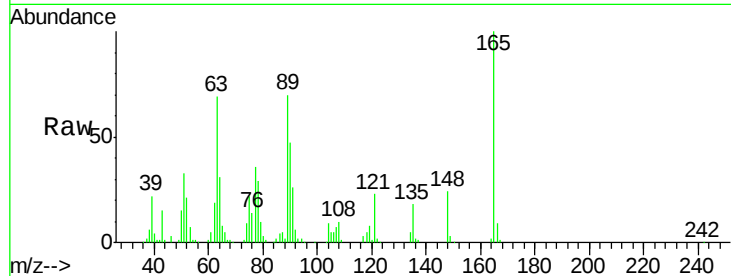
Tgt Ion:165 Resp: 134419

Ion Ratio Lower Upper

165 100

63 69.1 28.1 42.1#

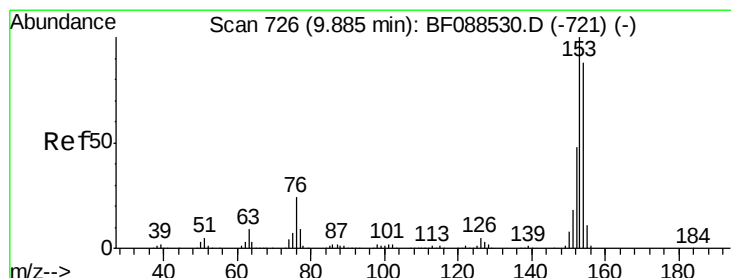
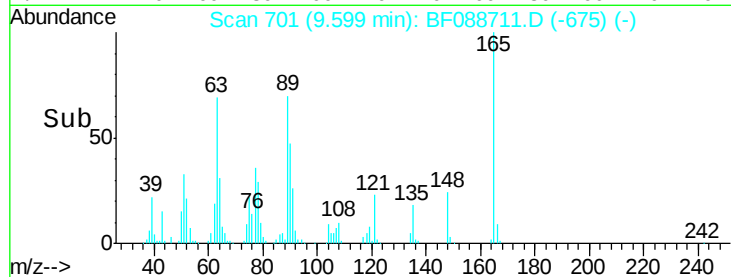
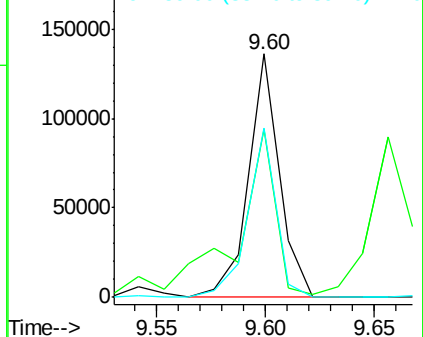
89 69.5 32.2 48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 41.74 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

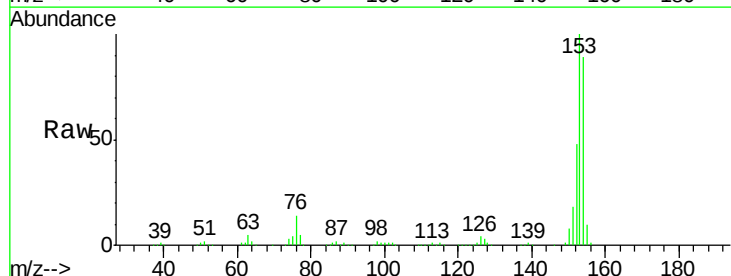
Tgt Ion:154 Resp: 557529

Ion Ratio Lower Upper

154 100

153 112.9 89.5 134.3

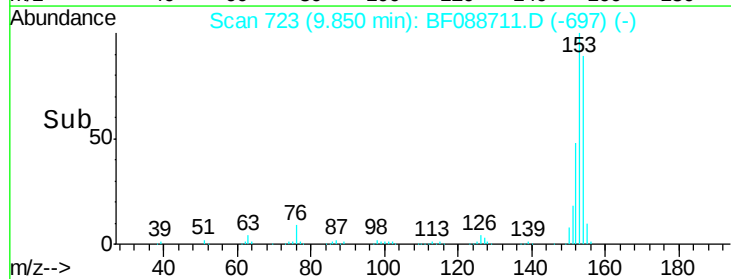
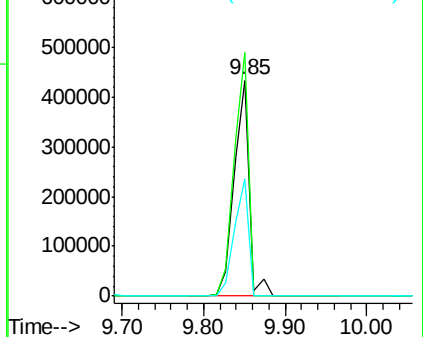
152 53.9 42.7 64.1



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: 21.44 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

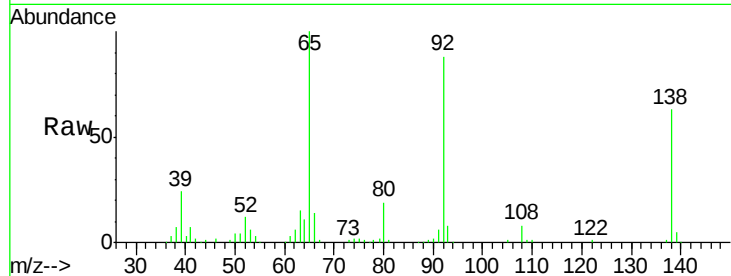
Tgt Ion:138 Resp: 90642

Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

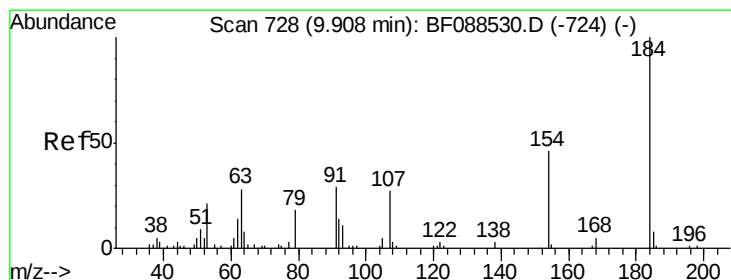
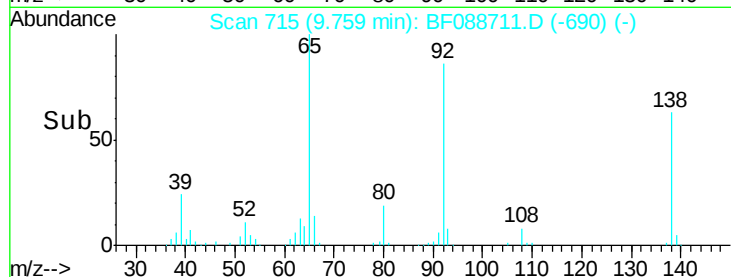
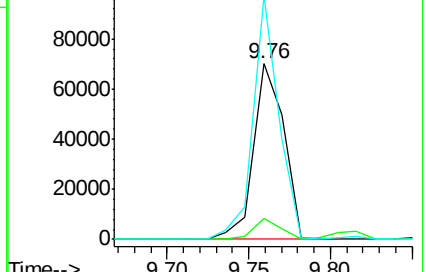
92 138.8 95.7 143.5



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: 32.65 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

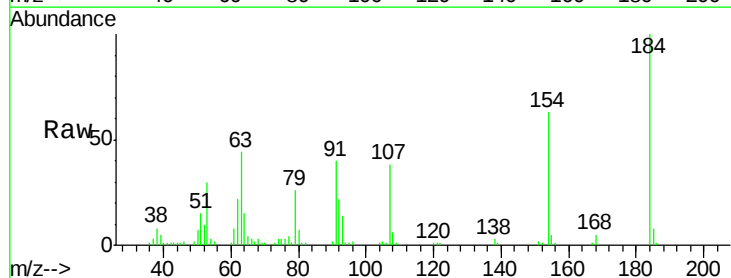
Tgt Ion:184 Resp: 47958

Ion Ratio Lower Upper

184 100

63 43.8 57.6 86.4#

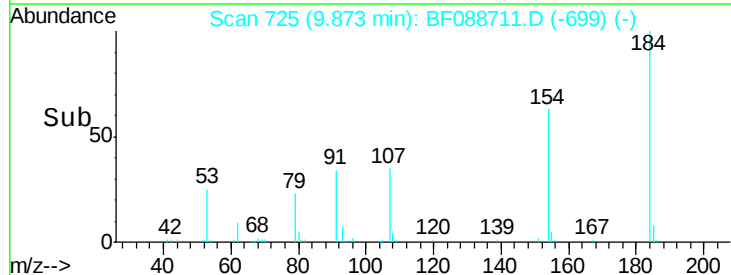
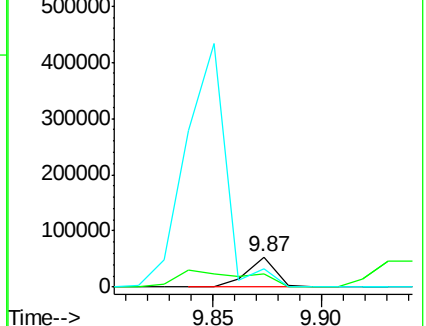
154 63.0 53.5 80.3

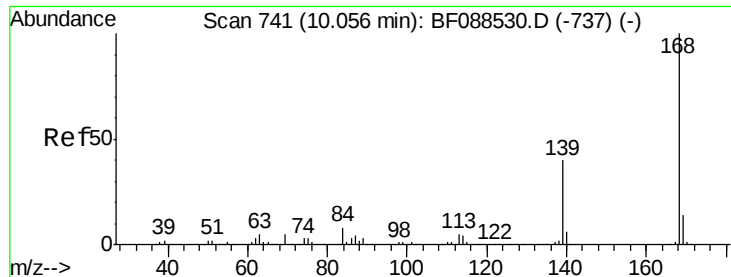


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

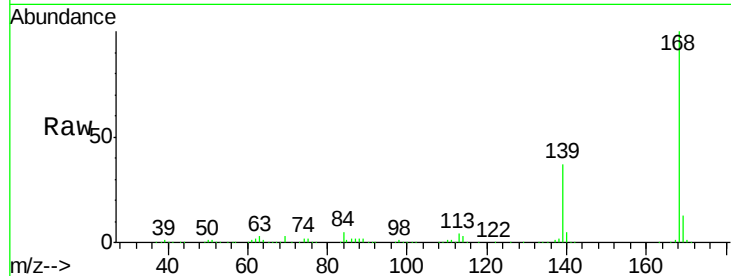




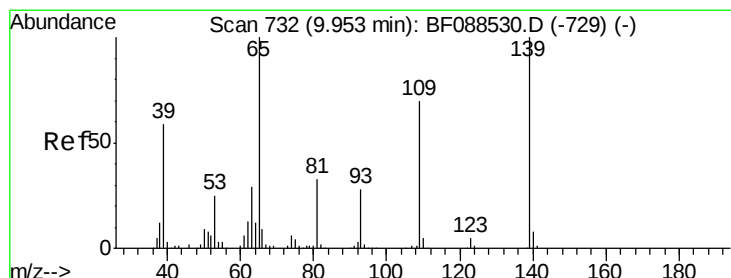
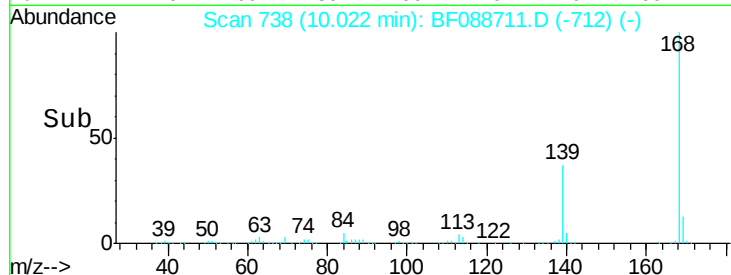
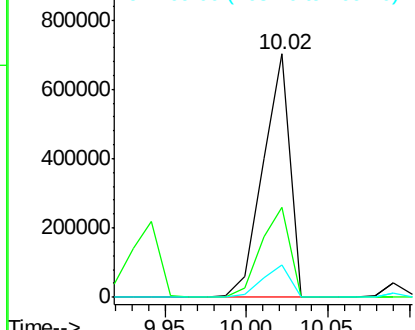
#54
Dibenzenofuran
Concen: 45.77 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:168 Resp: 800242
Ion Ratio Lower Upper
168 100
139 36.8 26.4 39.6
169 13.1 10.4 15.6

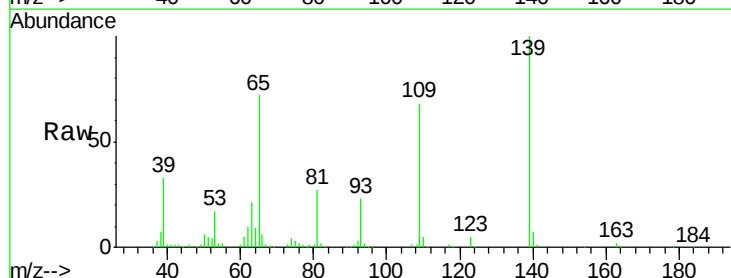


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

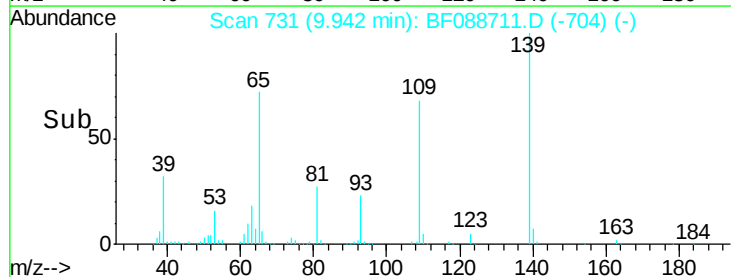
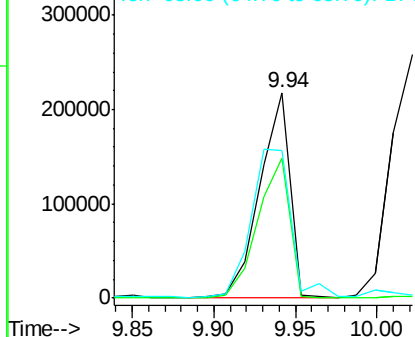


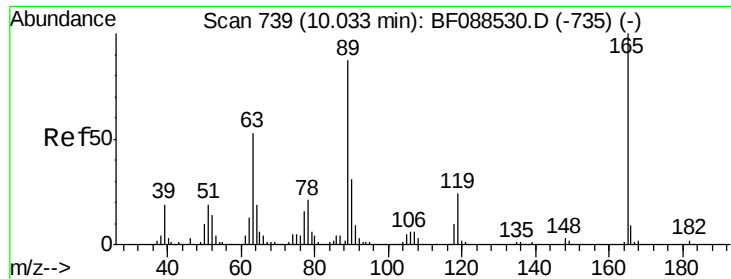
#55
4-Nitrophenol
Concen: 87.22 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:139 Resp: 280281
Ion Ratio Lower Upper
139 100
109 68.3 48.9 88.9
65 72.0 84.9 124.9#



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





#56

2,4-Dinitrotoluene

Concen: 41.79 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

Tgt Ion:165 Resp: 181757

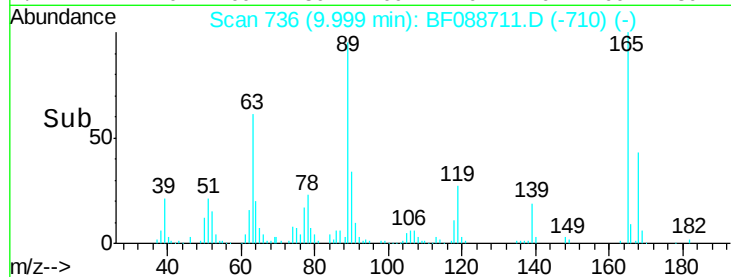
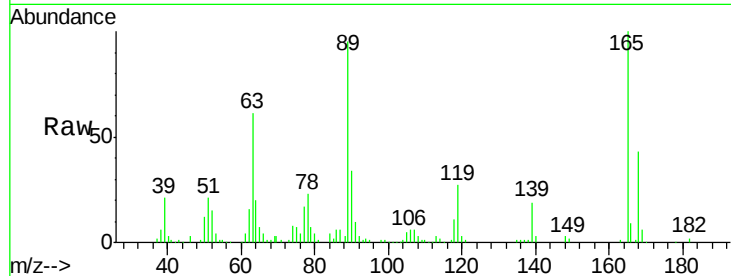
Ion Ratio Lower Upper

165 100

63 60.6 22.0 33.0#

89 94.8 41.1 61.7#

182 2.3 2.0 3.0

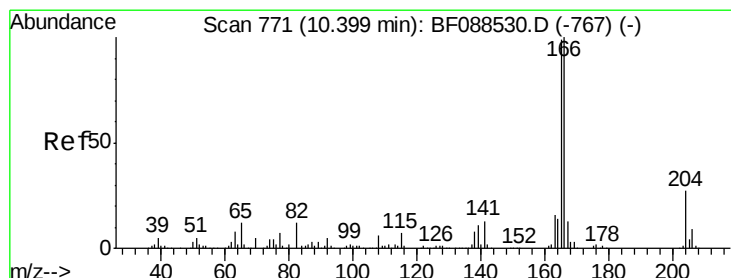
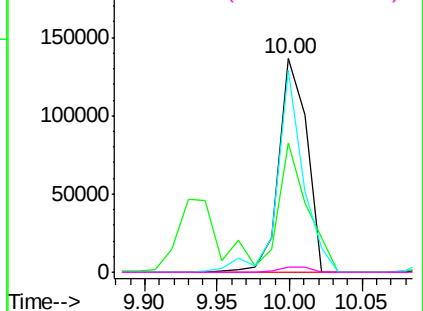


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.70 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

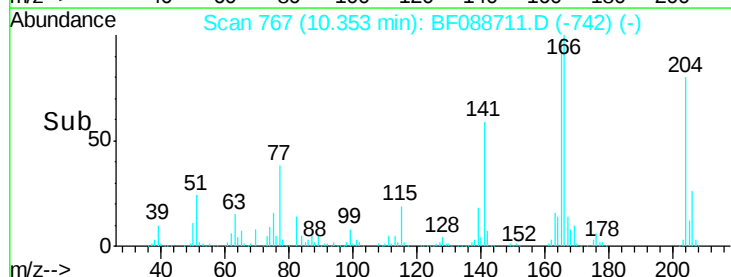
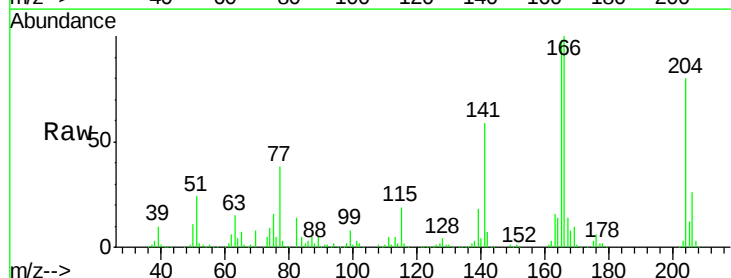
Tgt Ion:166 Resp: 548306

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

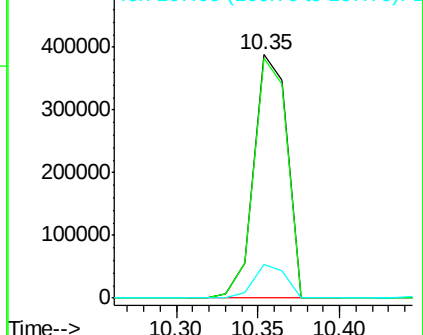
167 13.9 11.2 16.8



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

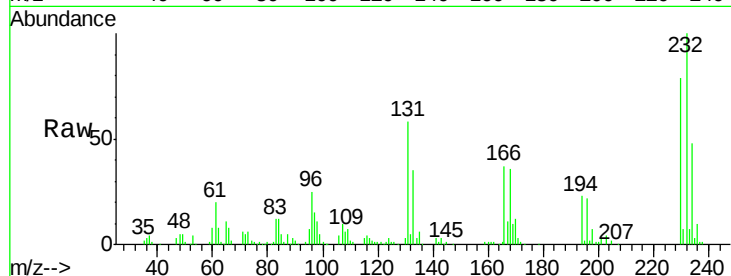




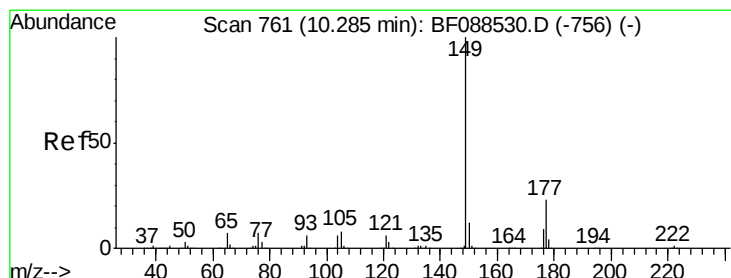
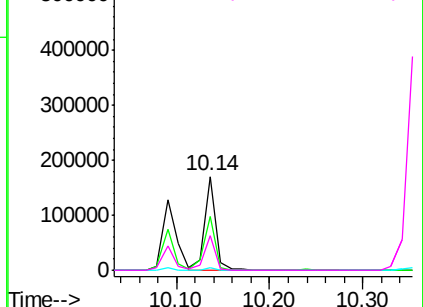
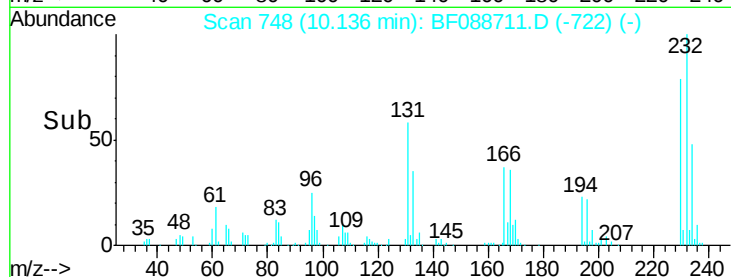
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.35 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion: 232 Resp: 145605
 Ion Ratio Lower Upper
 232 100
 131 58.5 0.9 1.3#
 130 2.8 1.5 2.3#
 166 36.8 0.5 0.7#

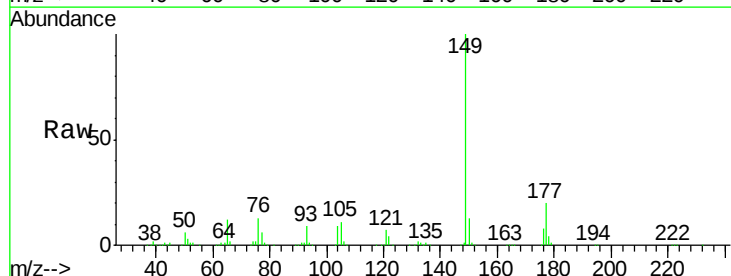


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

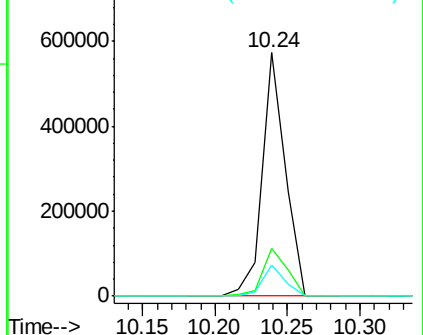
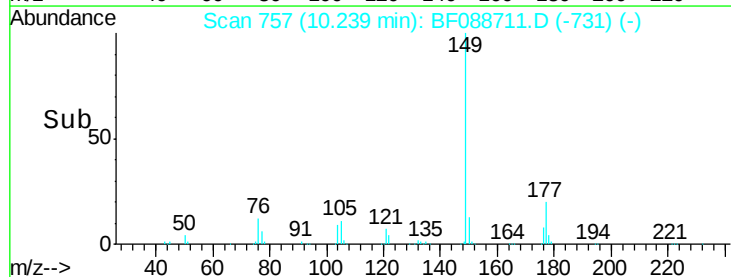


#59
 Diethylphthalate
 Concen: 41.69 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion: 149 Resp: 627914
 Ion Ratio Lower Upper
 149 100
 177 19.6 16.9 25.3
 150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

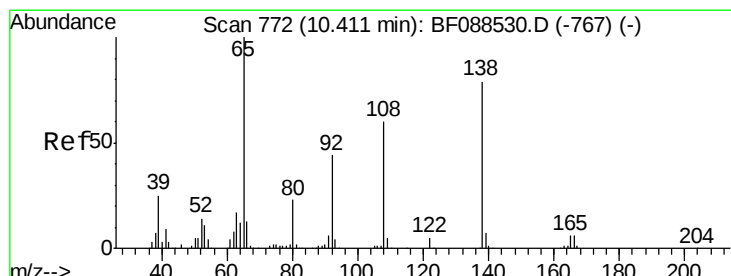
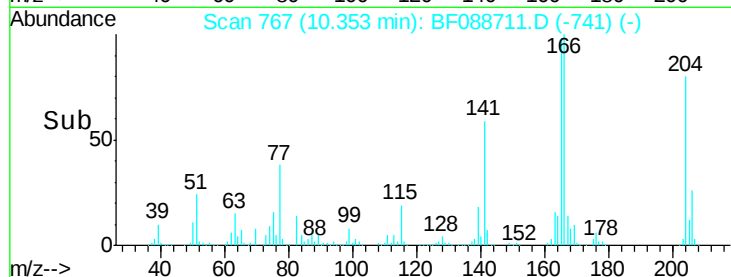
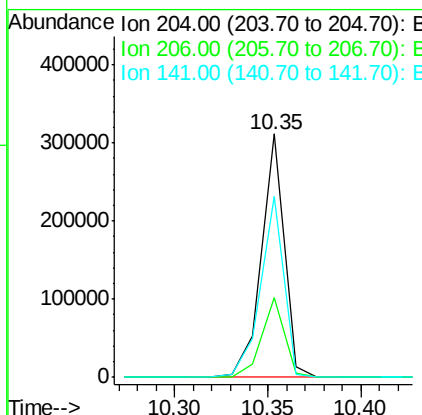
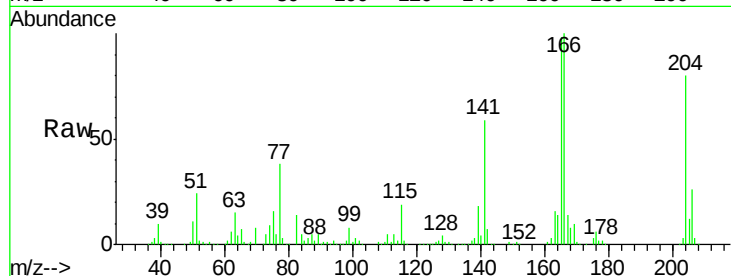




#60
 4-Chlorophenyl-phenylether
 Concen: 41.73 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

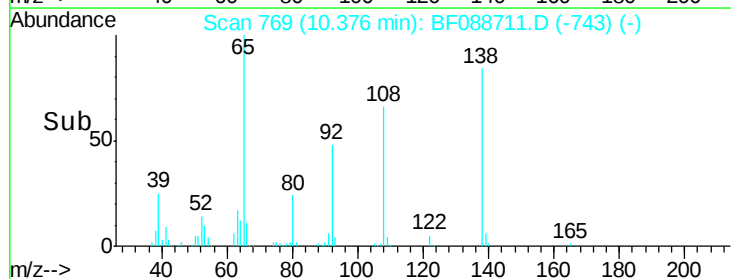
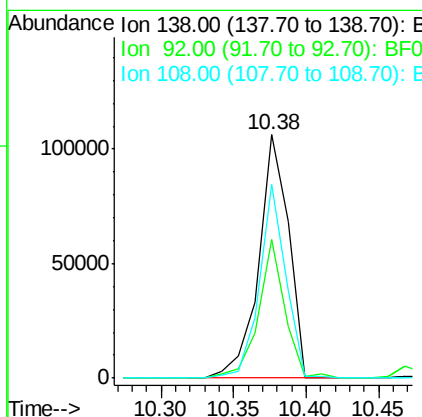
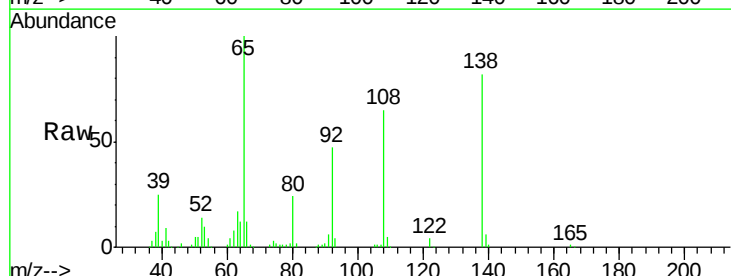
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

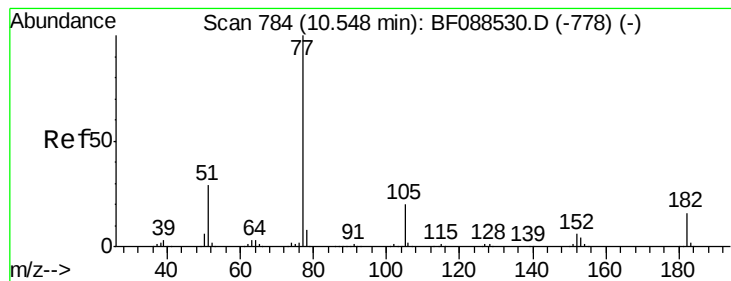
Tgt Ion:204 Resp: 261233
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.3 39.5
 141 74.1 55.0 82.6



#61
 4-Nitroaniline
 Concen: 37.23 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion:138 Resp: 151505
 Ion Ratio Lower Upper
 138 100
 92 57.1 27.3 67.3
 108 79.3 46.7 86.7





#62

Azobenzene

Concen: 45.91 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

Tgt Ion: 77 Resp: 788709

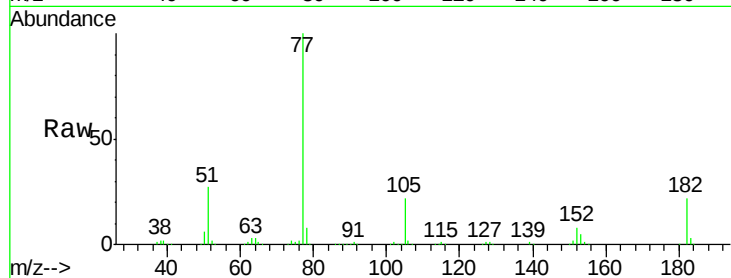
Ion Ratio Lower Upper

77 100

182 21.6 4.4 44.4

105 22.4 3.8 43.8

51 26.9 9.3 49.3

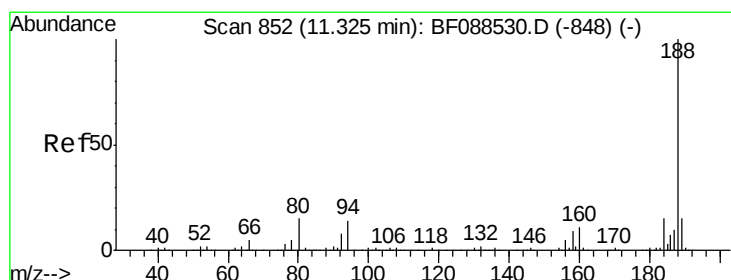
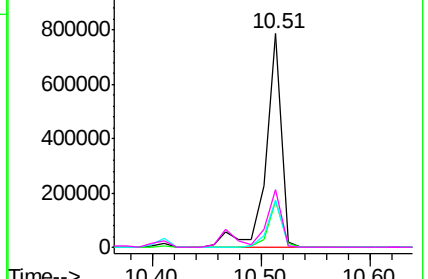
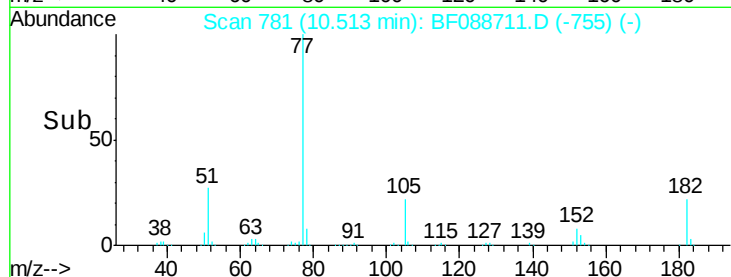


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.29 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

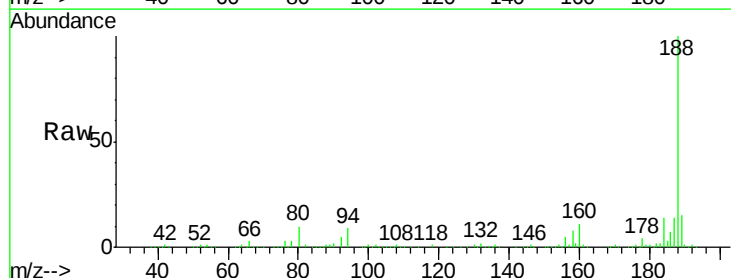
Tgt Ion: 188 Resp: 397690

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.6#

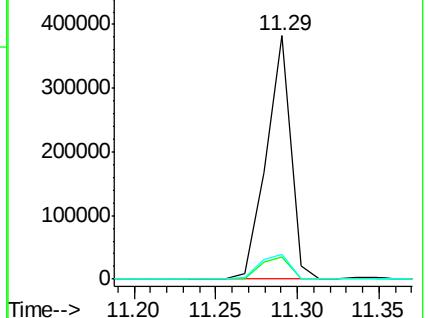
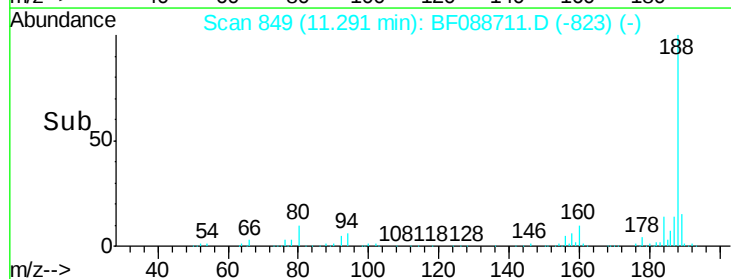
80 10.0 10.0 15.0

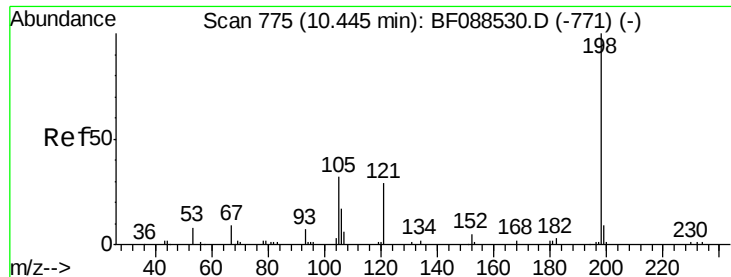


Abundance Ion 188.00 (187.70 to 188.70): E

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: 28.14 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

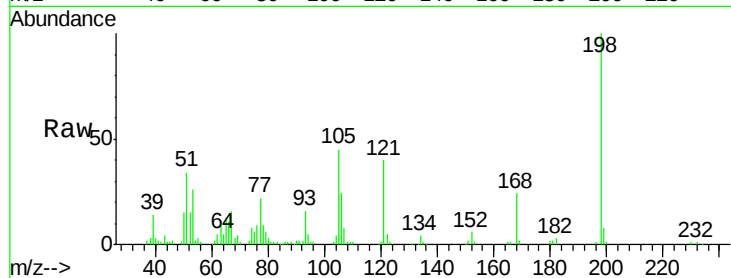
Tgt Ion:198 Resp: 59863

Ion Ratio Lower Upper

198 100

51 33.9 39.6 79.6#

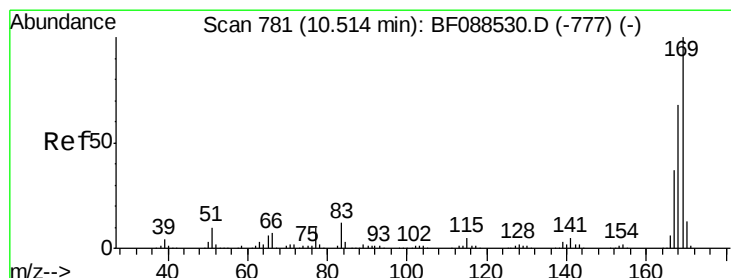
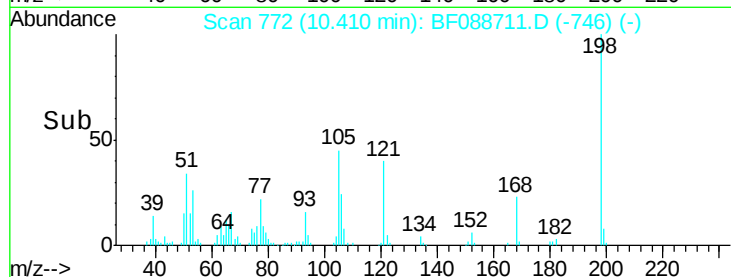
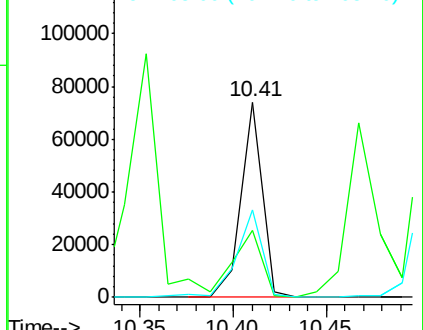
105 44.5 36.6 76.6



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: 40.27 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

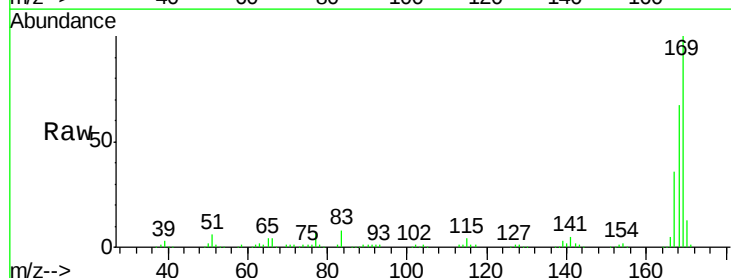
Tgt Ion:169 Resp: 542076

Ion Ratio Lower Upper

169 100

168 67.0 53.4 80.0

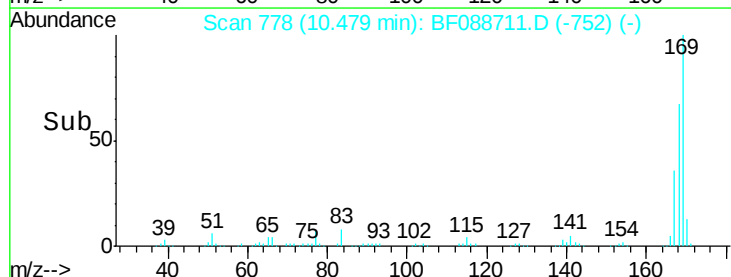
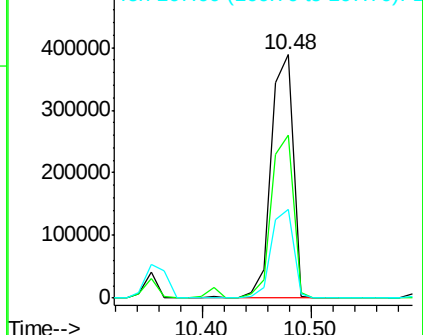
167 36.3 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

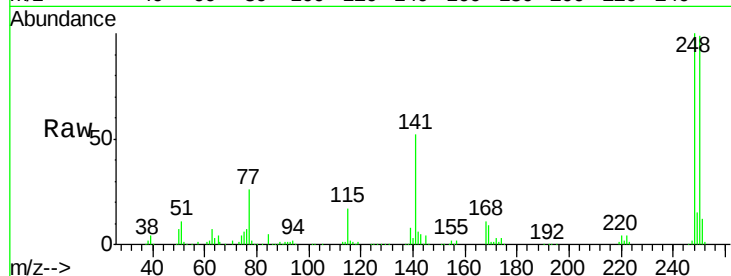




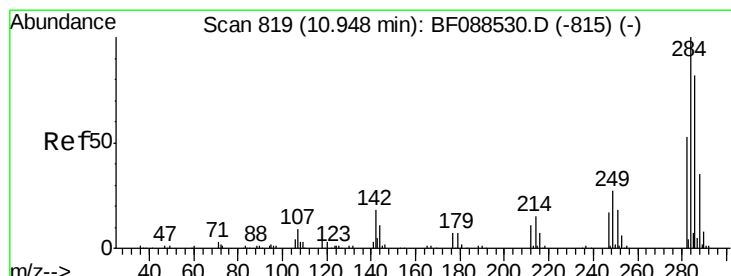
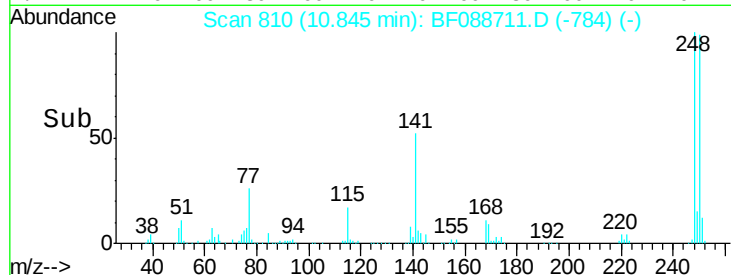
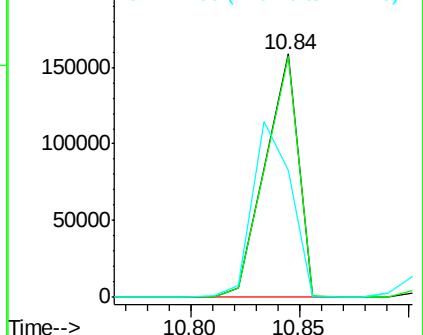
#66
4-Bromophenyl-phenylether
Concen: 42.62 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:248 Resp: 170799
Ion Ratio Lower Upper
248 100
250 98.9 77.1 115.7
141 52.2 50.6 76.0

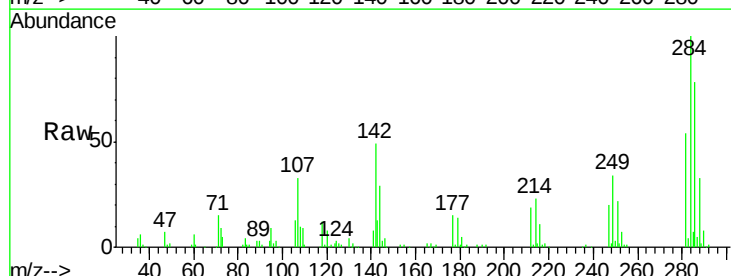


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

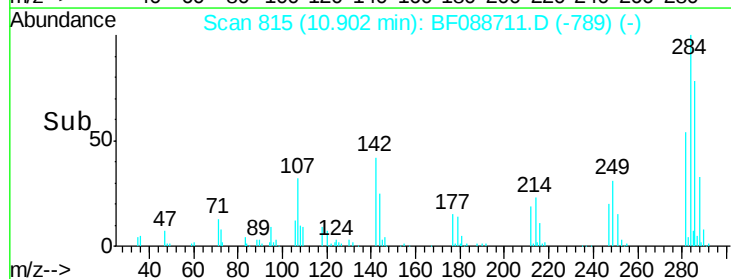
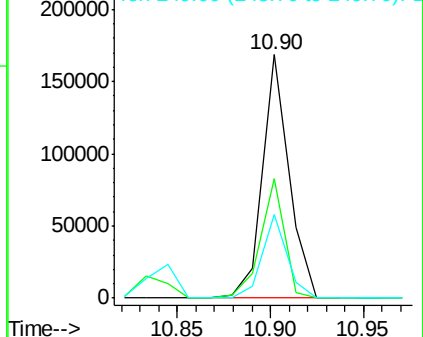


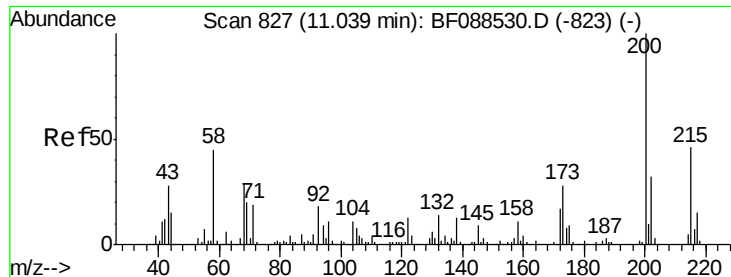
#67
Hexachlorobenzene
Concen: 37.16 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:284 Resp: 164840
Ion Ratio Lower Upper
284 100
142 48.9 35.8 53.8
249 34.2 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

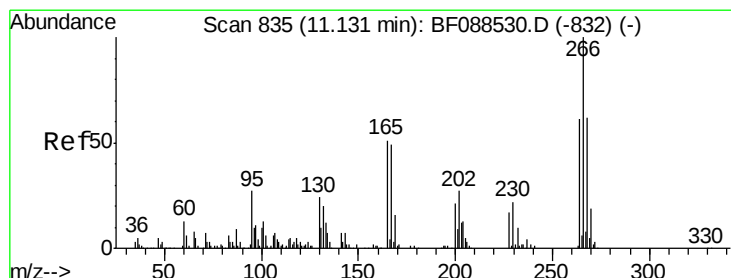
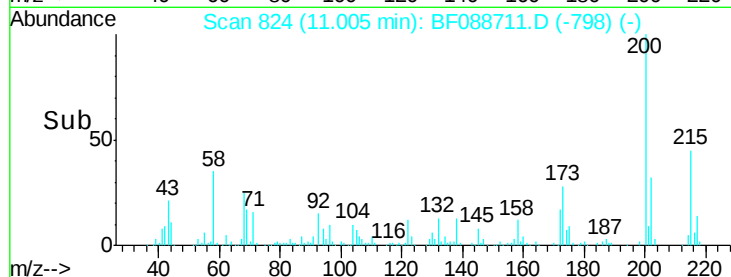
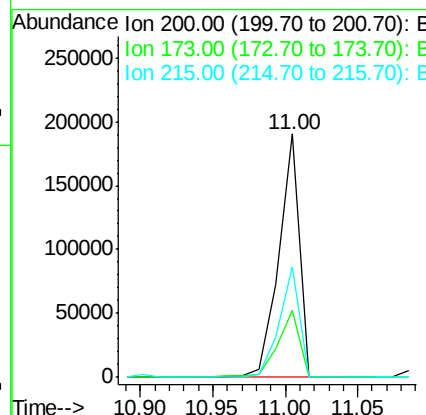
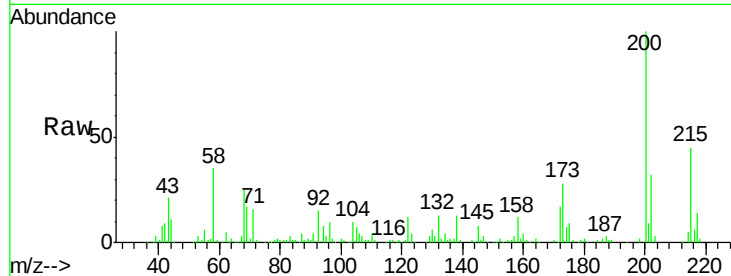




#68
Atrazine
Concen: 44.40 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

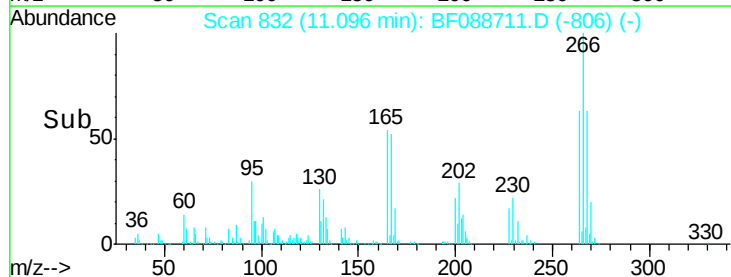
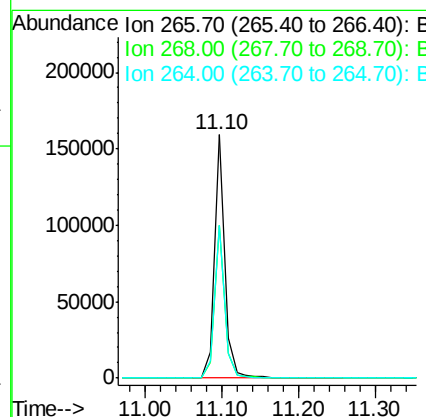
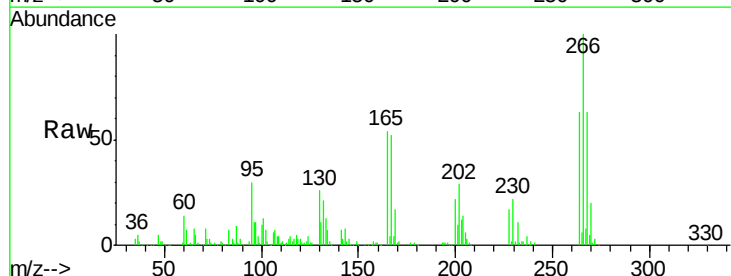
Instrument :
BNA_F
ClientSampleId :
PB91760BS

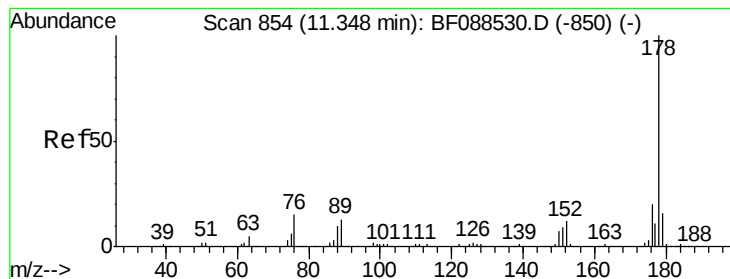
Tgt Ion:200 Resp: 186228
Ion Ratio Lower Upper
200 100
173 27.6 4.0 44.0
215 45.1 29.3 69.3



#69
Pentachlorophenol
Concen: 55.43 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:266 Resp: 145533
Ion Ratio Lower Upper
266 100
268 62.6 52.8 79.2
264 62.9 49.6 74.4





#70

Phenanthrene

Concen: 37.54 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

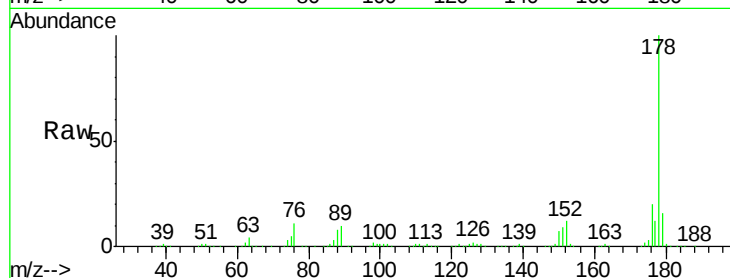
Tgt Ion:178 Resp: 816060

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

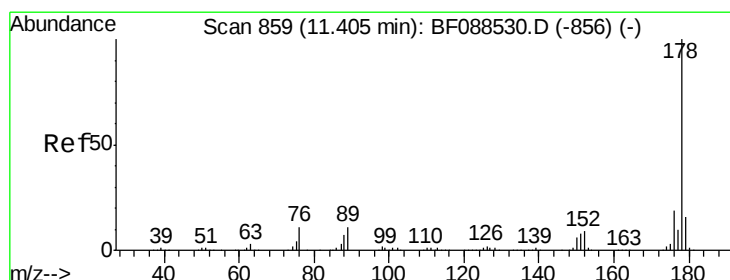
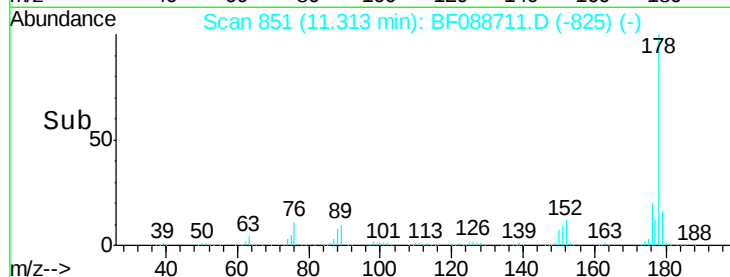
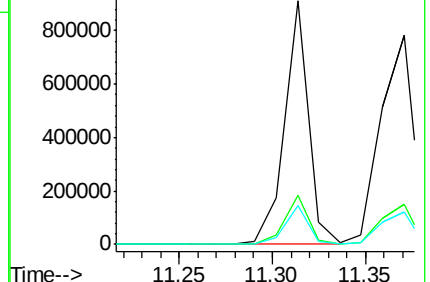
179 15.9 13.0 19.4



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: 42.55 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

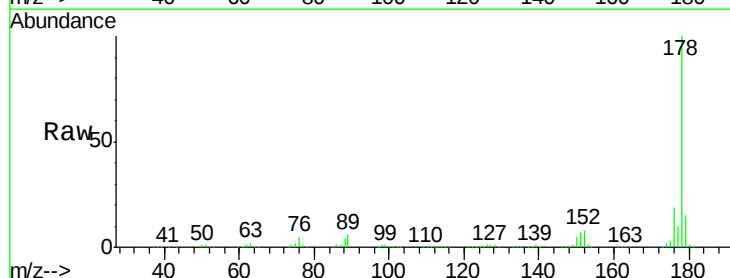
Tgt Ion:178 Resp: 919733

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

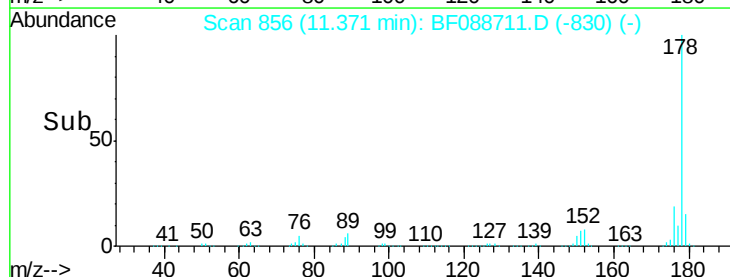
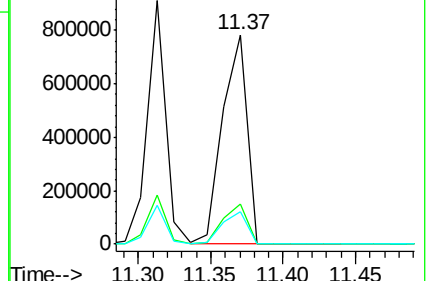
179 15.4 12.8 19.2

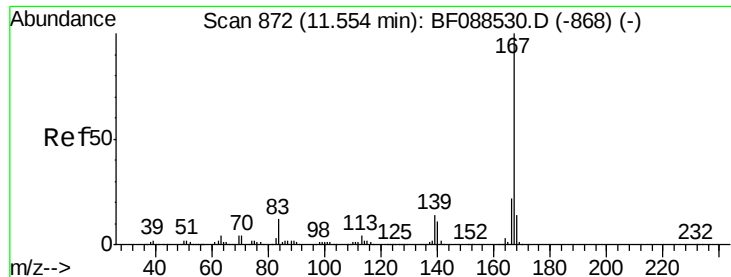


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

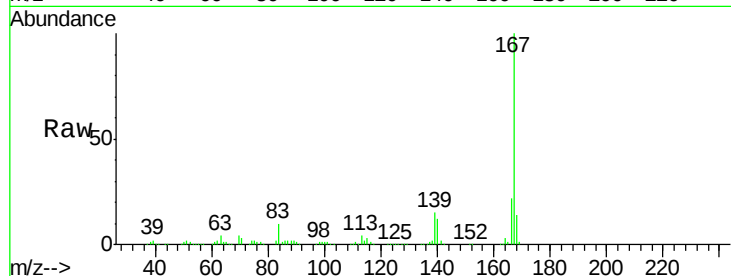




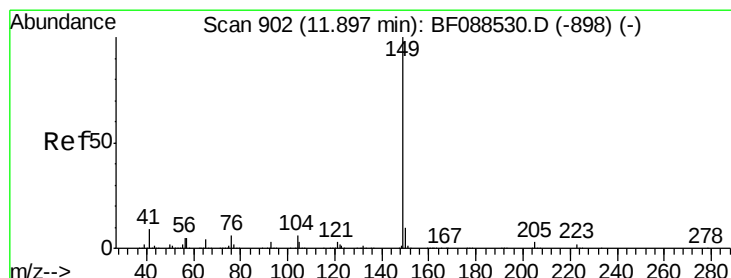
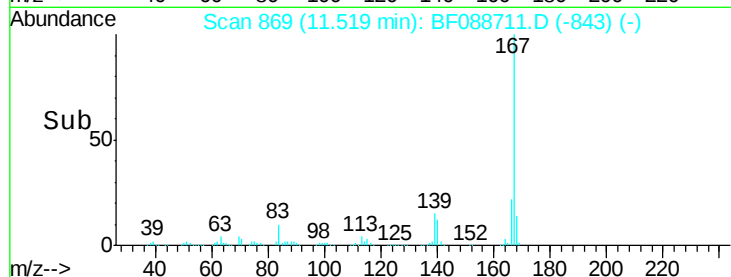
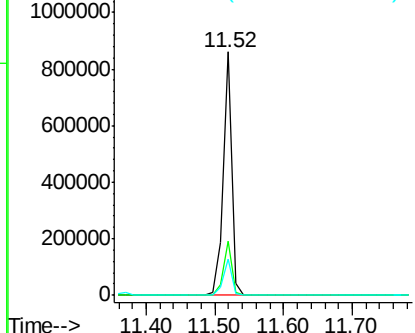
#72
 Carbazole
 Concen: 37.26 ng
 RT: 11.52 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion:167 Resp: 758127
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.9 11.2 16.8

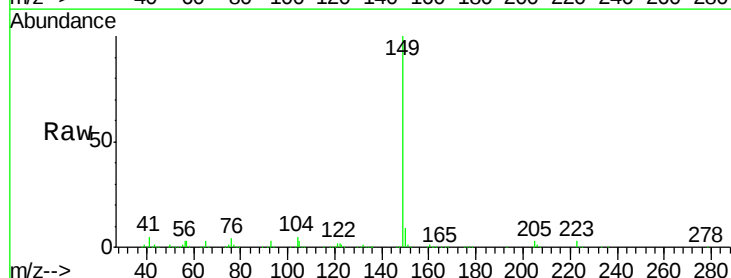


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

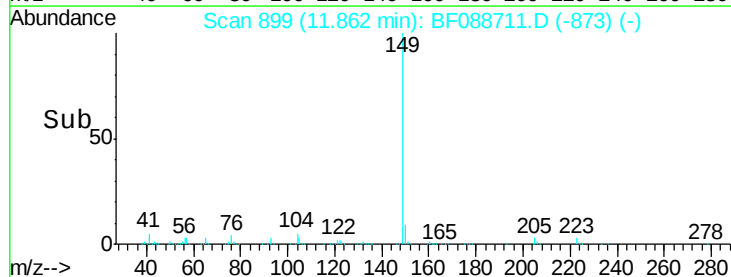
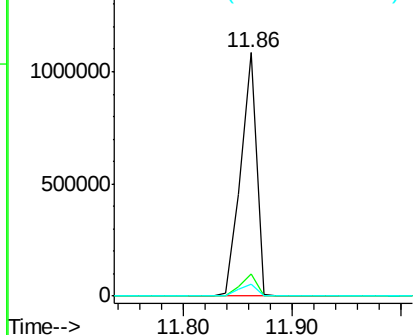


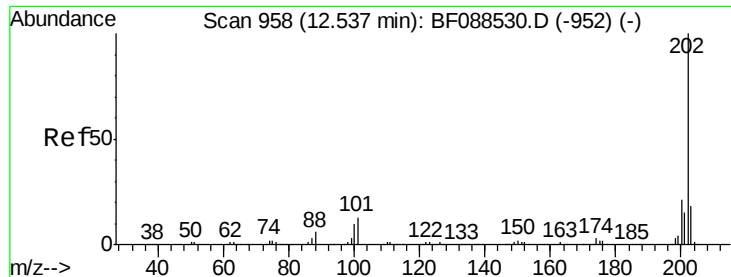
#73
 Di-n-butylphthalate
 Concen: 45.14 ng
 RT: 11.86 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion:149 Resp: 1068253
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 4.7 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

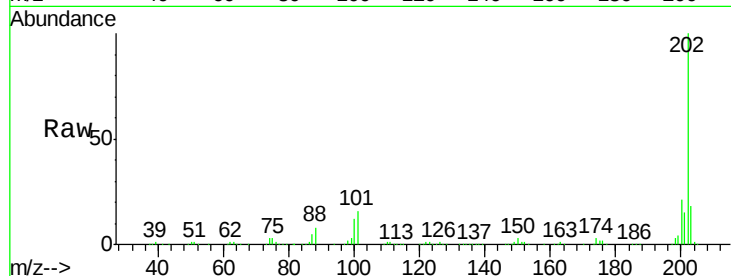




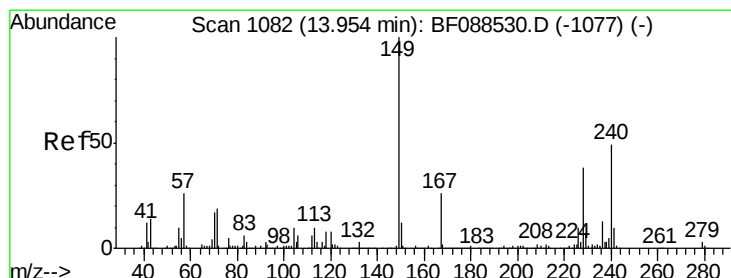
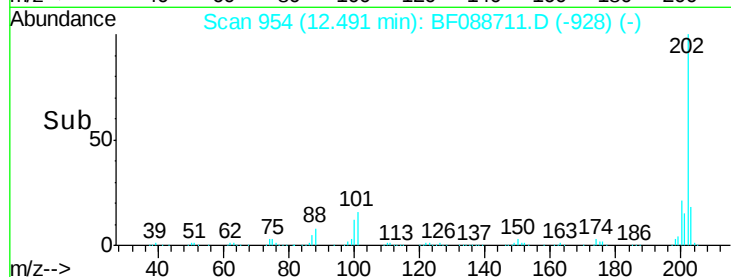
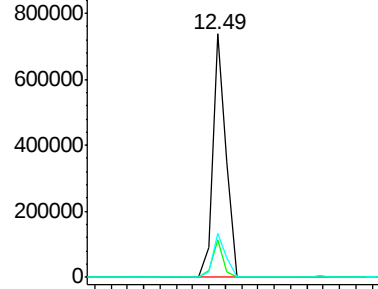
#74
 Fluoranthene
 Concen: 37.06 ng
 RT: 12.49 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

Tgt Ion: 202 Resp: 816764
 Ion Ratio Lower Upper
 202 100
 101 15.7 0.0 33.1
 203 18.0 0.0 38.1

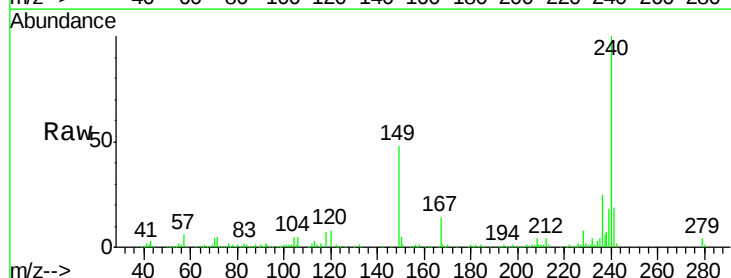


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

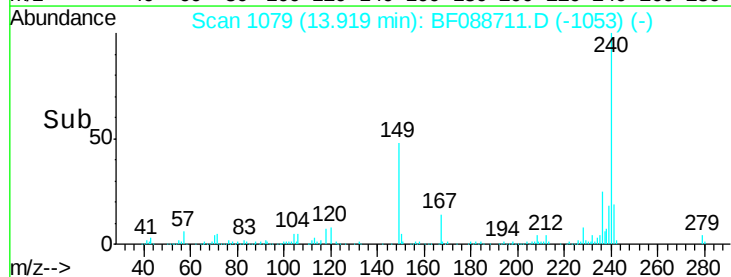
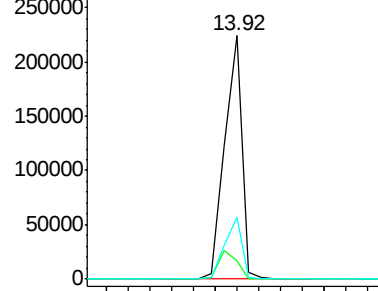


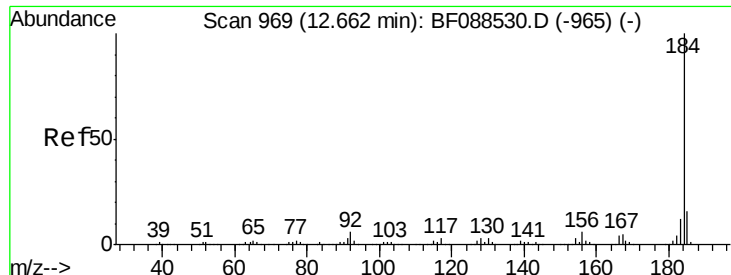
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion: 240 Resp: 248932
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.8 10.2
 236 25.2 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

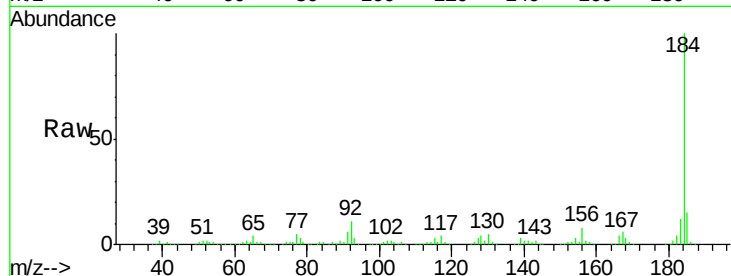




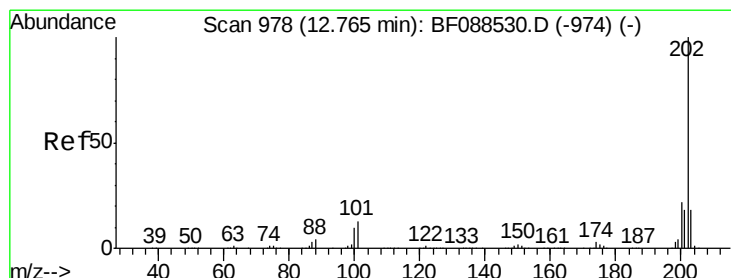
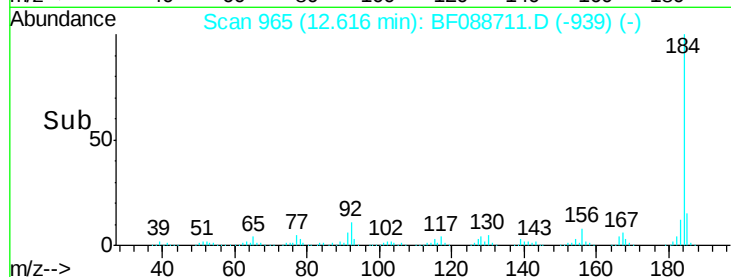
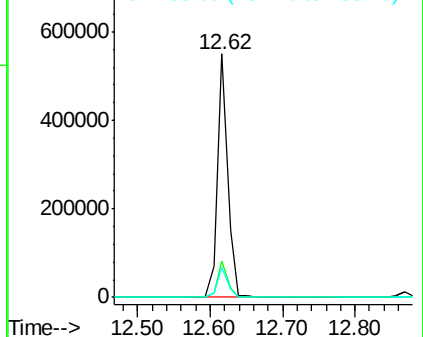
#76
Benzidine
Concen: 42.88 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:184 Resp: 539523
Ion Ratio Lower Upper
184 100
185 14.9 12.5 18.7
183 12.4 9.3 13.9

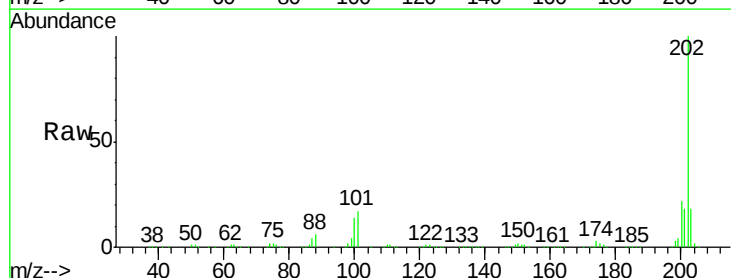


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

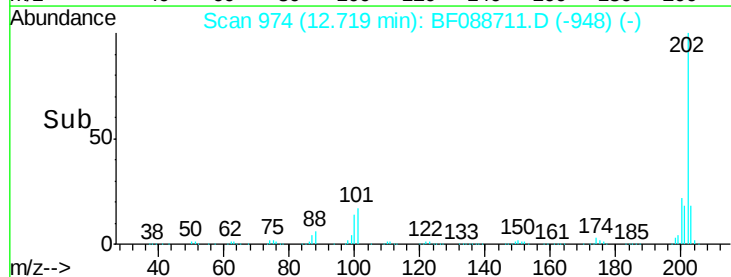
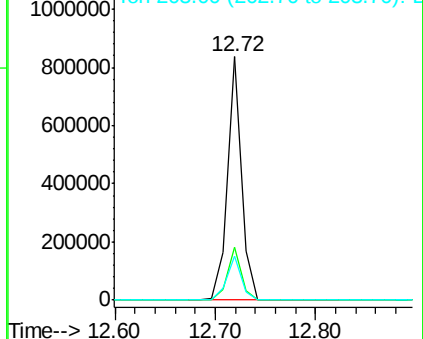


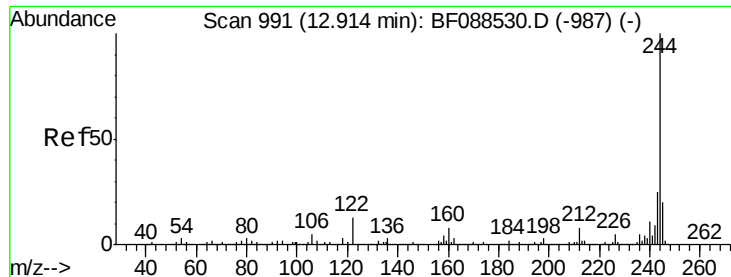
#77
Pyrene
Concen: 38.42 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:202 Resp: 810971
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 18.0 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

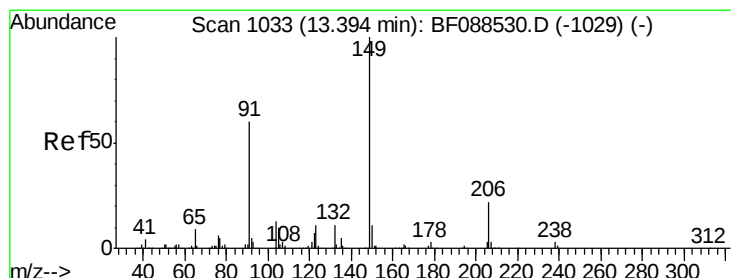
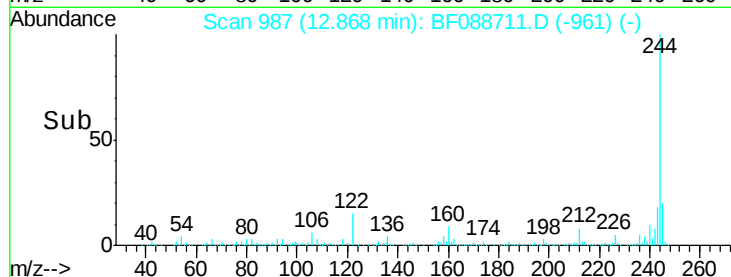
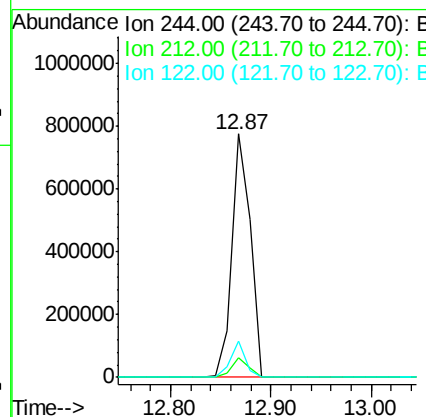
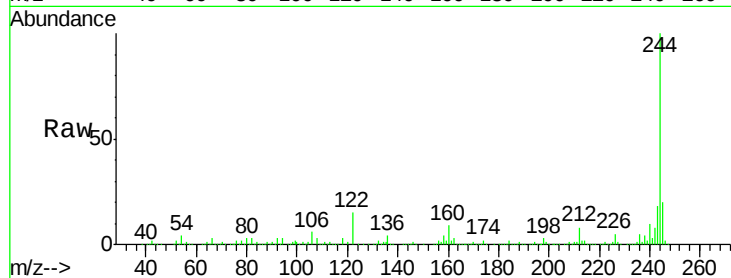




#78
 Terphenyl-d14
 Concen: 88.25 ng
 RT: 12.87 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

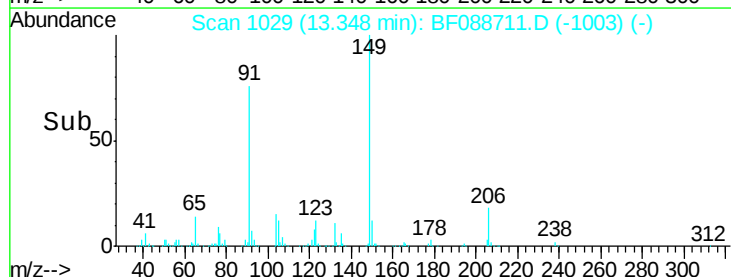
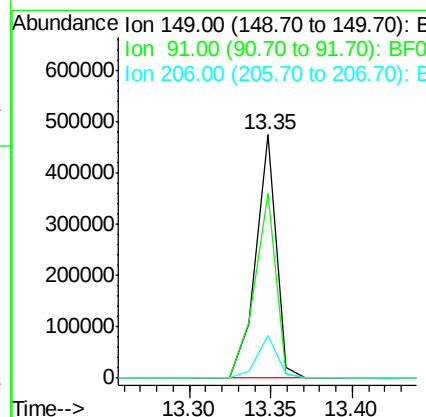
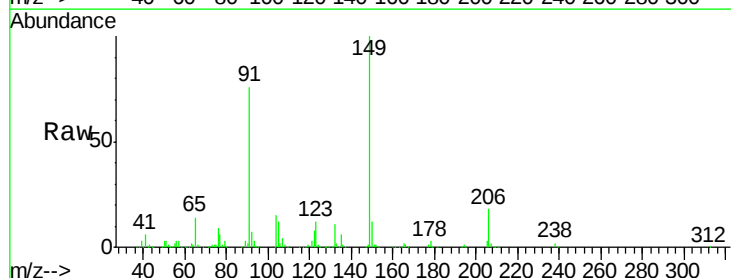
Instrument :
 BNA_F
 ClientSampleId :
 PB91760BS

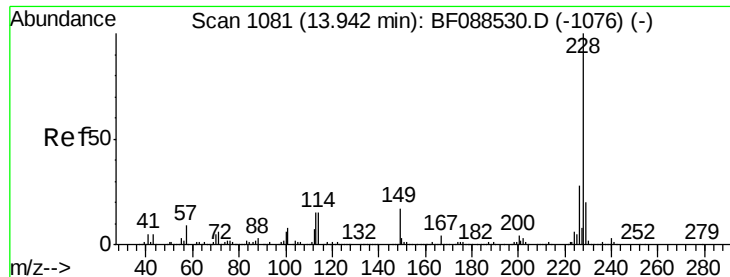
Tgt Ion: 244 Resp: 986341
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.1 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 44.08 ng
 RT: 13.35 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF088711.D
 Acq: 5 Jul 2016 19:11

Tgt Ion: 149 Resp: 415034
 Ion Ratio Lower Upper
 149 100
 91 75.8 48.0 72.0#
 206 17.7 16.0 24.0





#80

Benzo(a)anthracene

Concen: 42.82 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

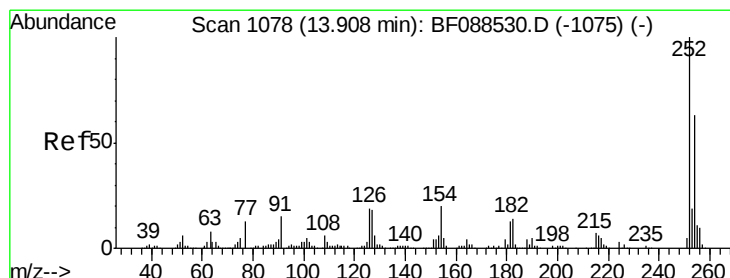
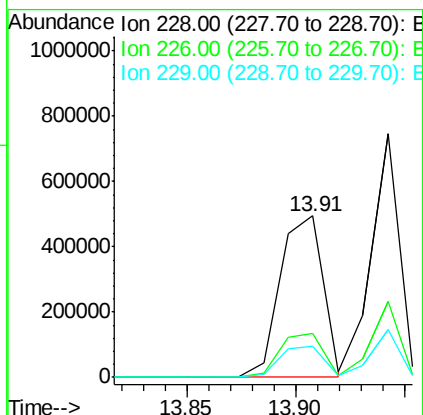
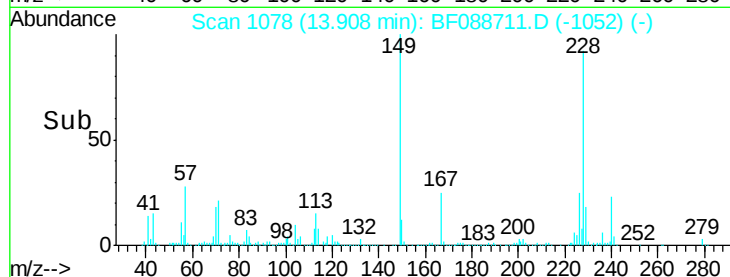
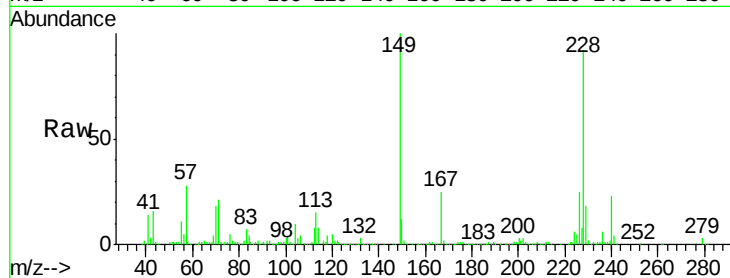
Tgt Ion:228 Resp: 686436

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

229 19.6 16.0 24.0



#81

3,3'-Dichlorobenzidine

Concen: 21.62 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

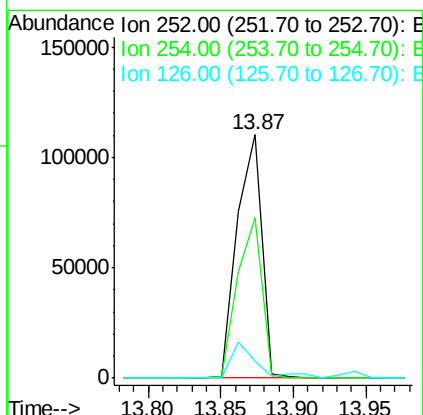
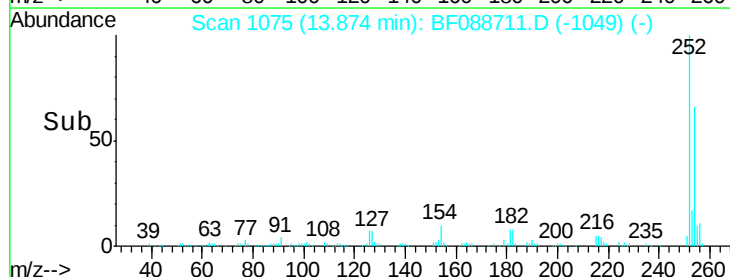
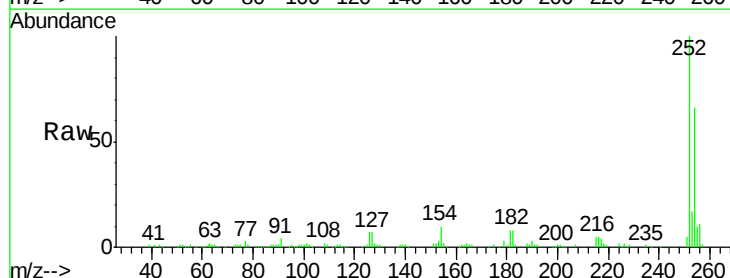
Tgt Ion:252 Resp: 130284

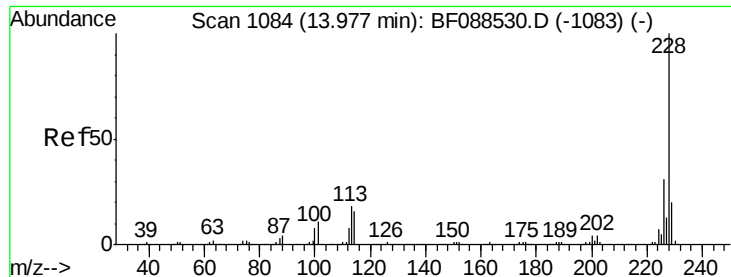
Ion Ratio Lower Upper

252 100

254 65.9 52.6 78.8

126 7.1 6.2 9.2





#82

Chrysene

Concen: 42.43 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

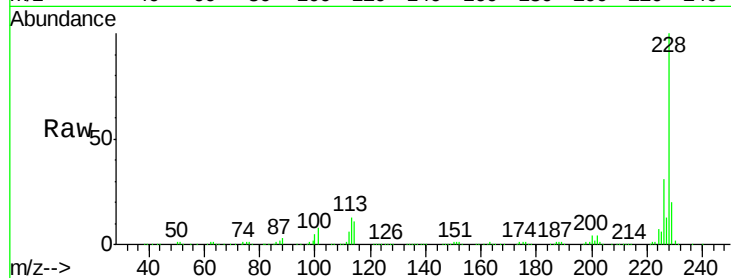
Tgt Ion: 228 Resp: 672942

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.2

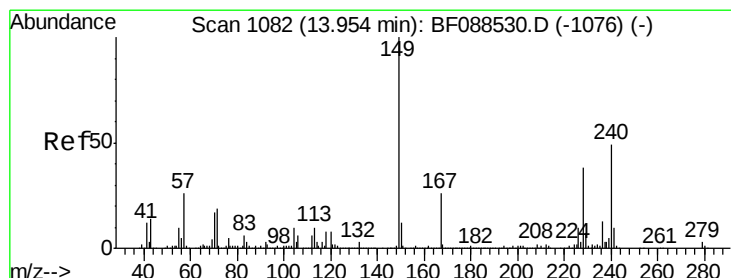
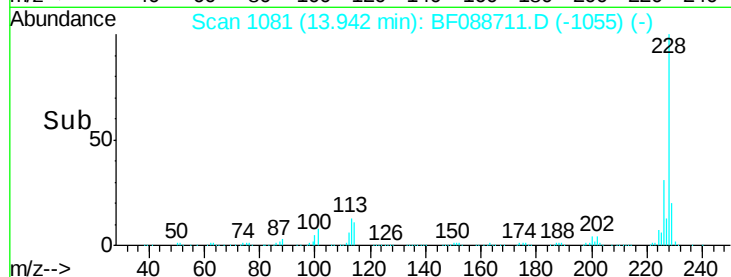
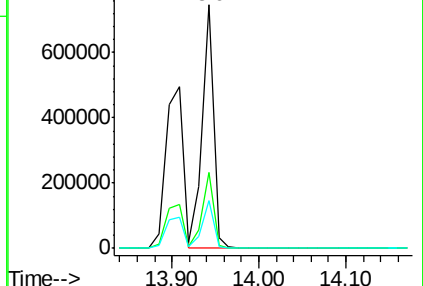
229 19.7 16.3 24.5



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: 45.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

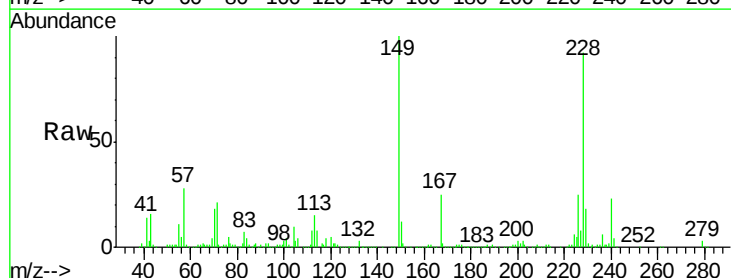
Tgt Ion: 149 Resp: 483694

Ion Ratio Lower Upper

149 100

167 24.8 20.5 30.7

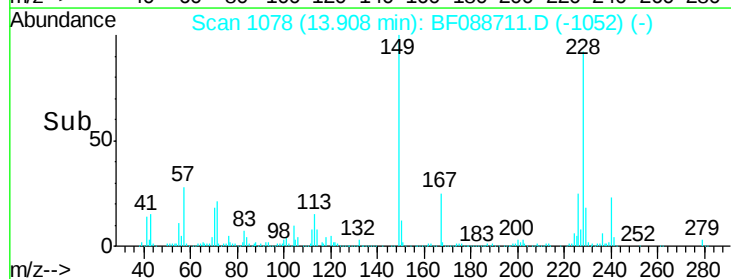
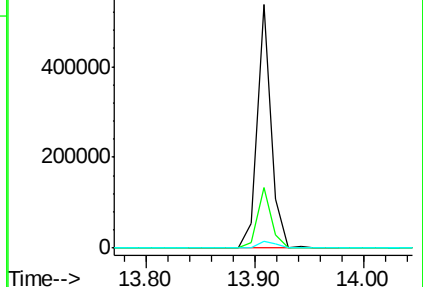
279 2.6 2.0 3.0

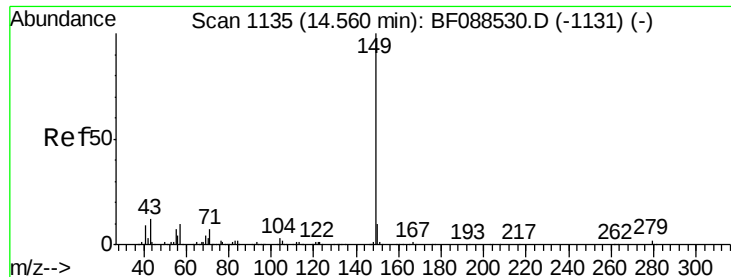


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

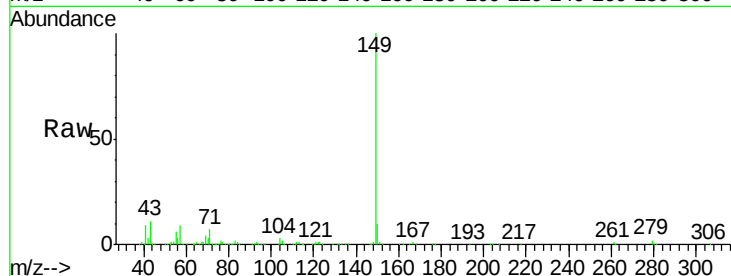




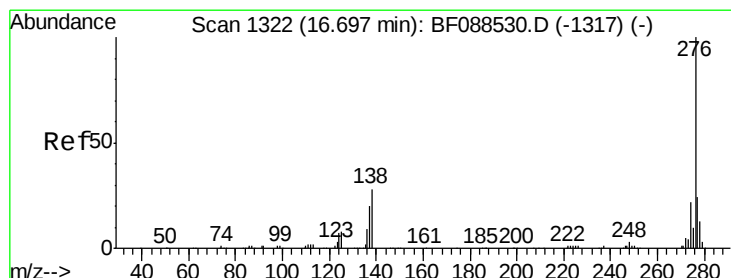
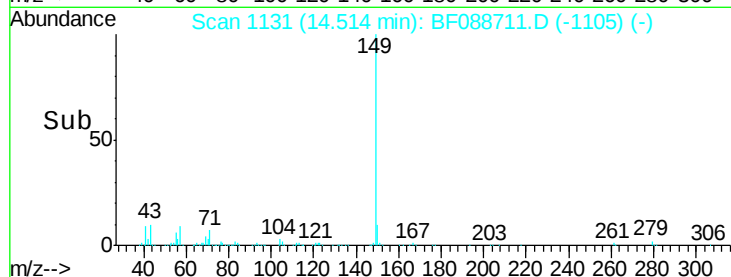
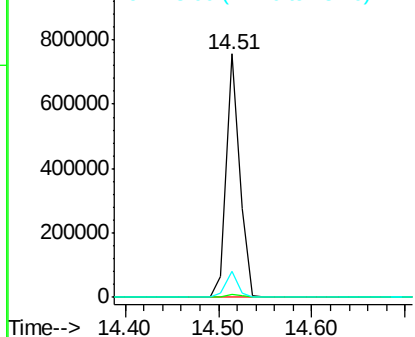
#84
Di-n-octyl phthalate
Concen: 41.52 ng
RT: 14.51 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:149 Resp: 758143
Ion Ratio Lower Upper
149 100
167 1.5 0.0 0.0#
43 9.5 0.0 0.0#

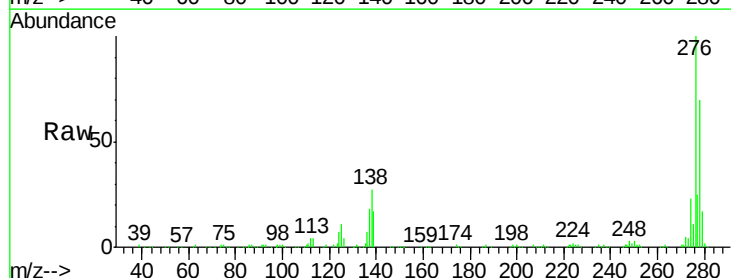


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

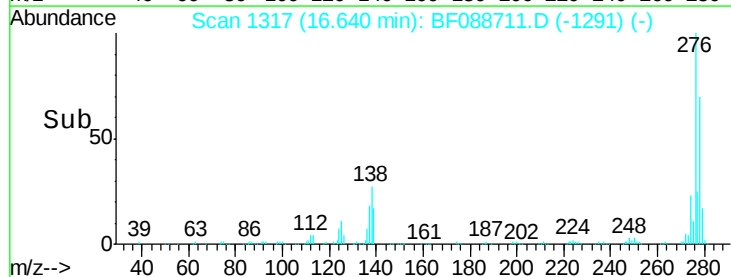
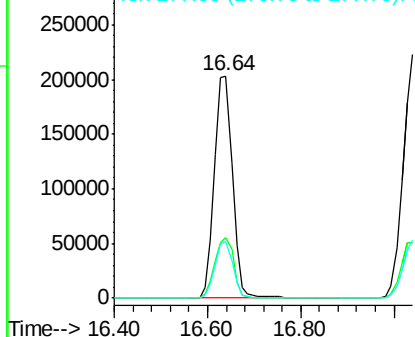


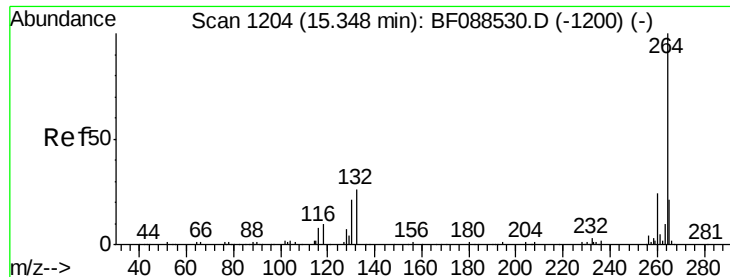
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.13 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:276 Resp: 550589
Ion Ratio Lower Upper
276 100
138 28.4 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

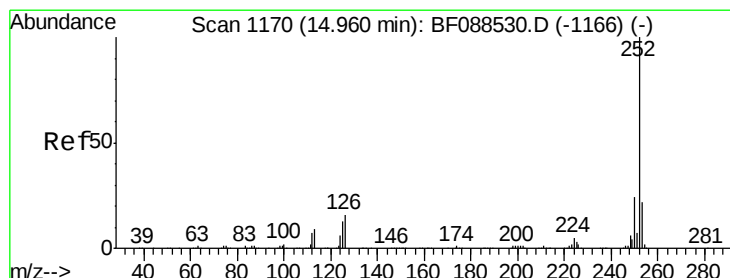
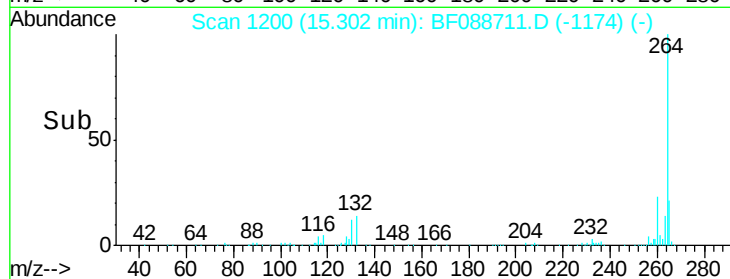
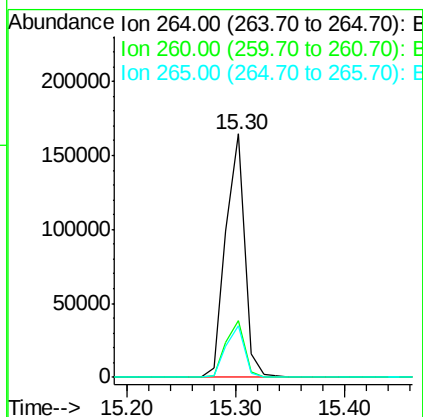
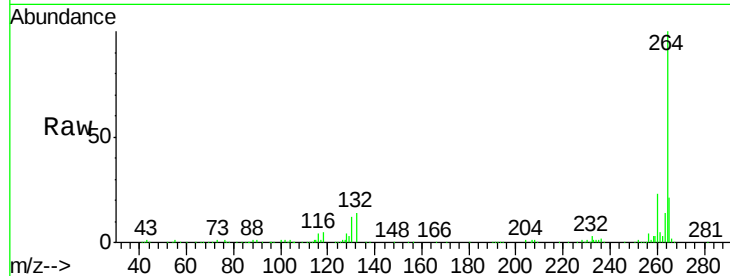




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

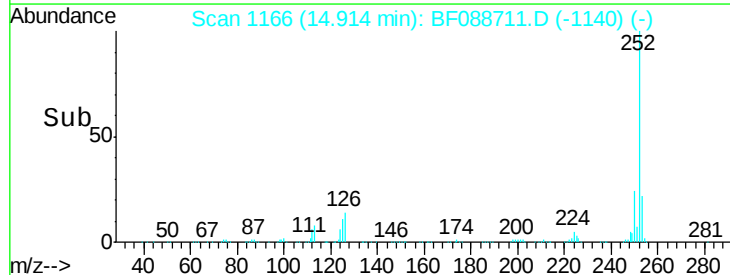
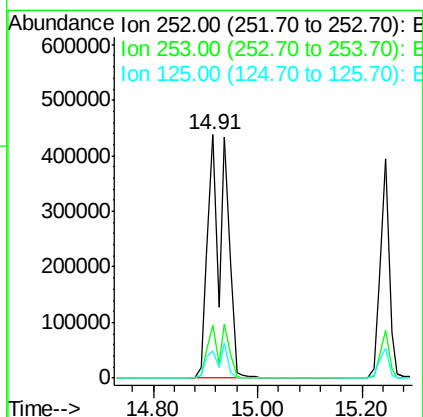
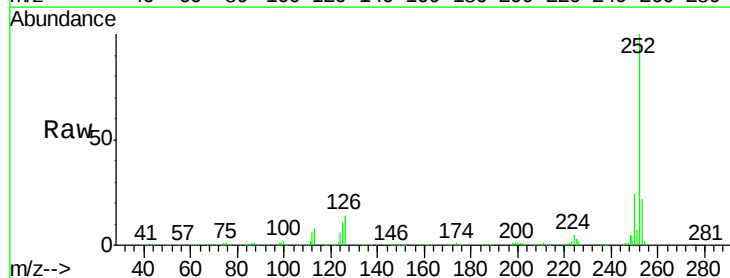
Instrument :
BNA_F
ClientSampleId :
PB91760BS

Tgt Ion:264 Resp: 199232
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.4 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 80.80 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:252 Resp: 1009865
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 11.1 7.1 10.7#

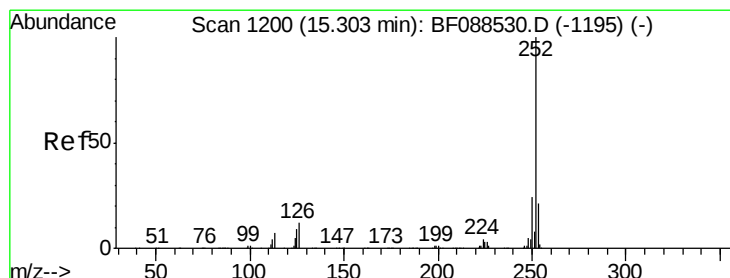
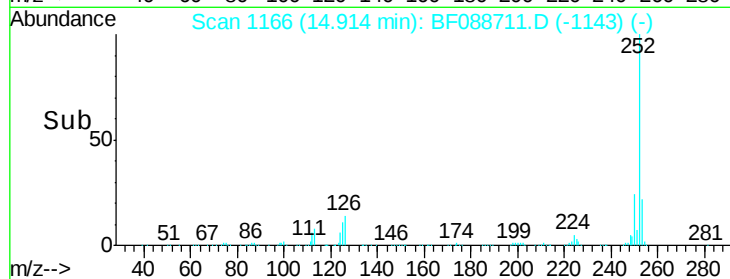
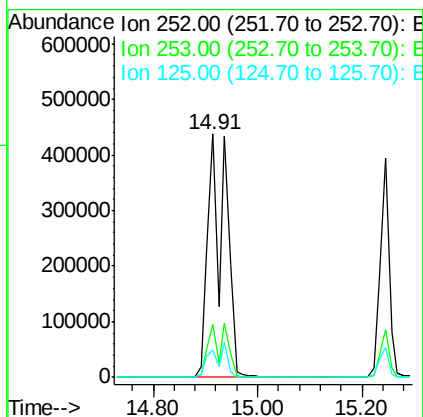
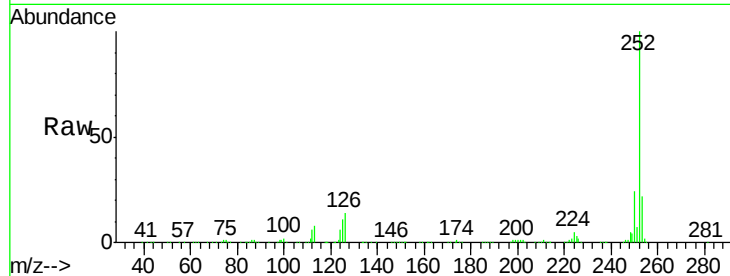




#88
Benzo(k)fluoranthene
Concen: 92.82 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

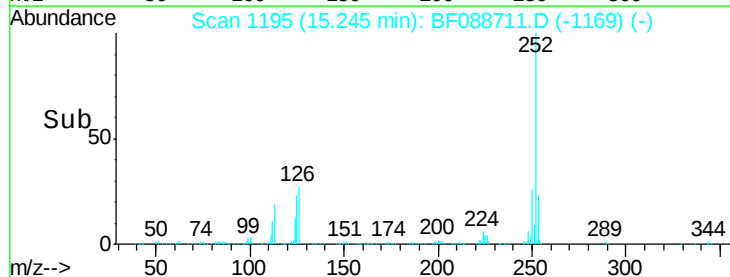
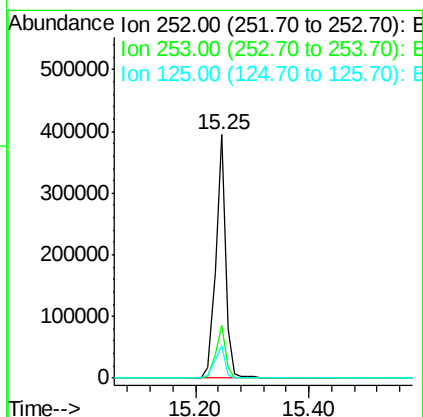
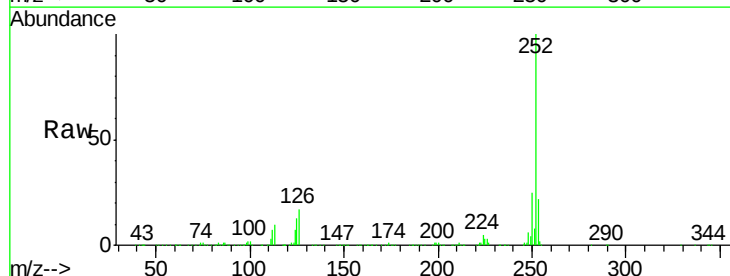
Instrument :
BNA_F
ClientSampleId :
PB91760BS

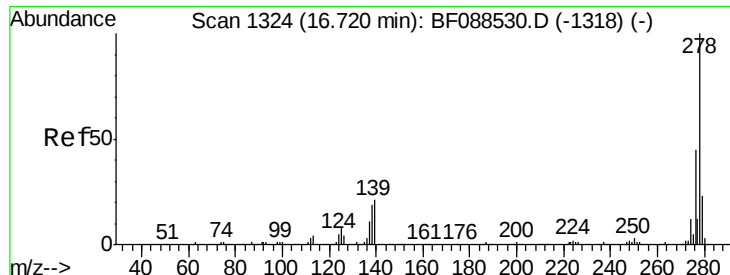
Tgt Ion:252 Resp: 1009865
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 11.1 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 44.42 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF088711.D
Acq: 5 Jul 2016 19:11

Tgt Ion:252 Resp: 470021
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.4 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 50.65 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

Instrument :

BNA_F

ClientSampleId :

PB91760BS

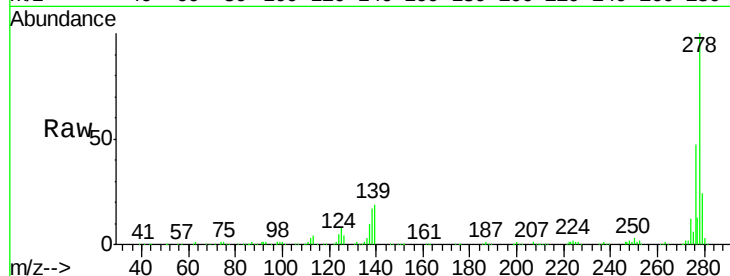
Tgt Ion:278 Resp: 447540

Ion Ratio Lower Upper

278 100

139 18.8 15.7 23.5

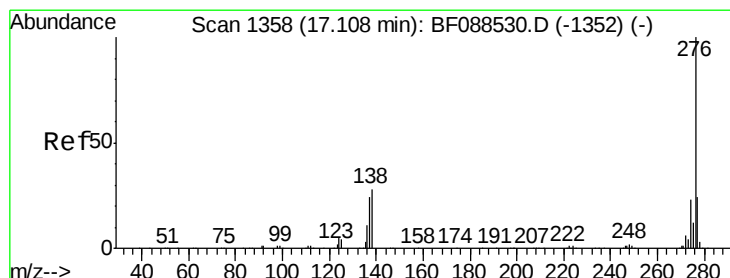
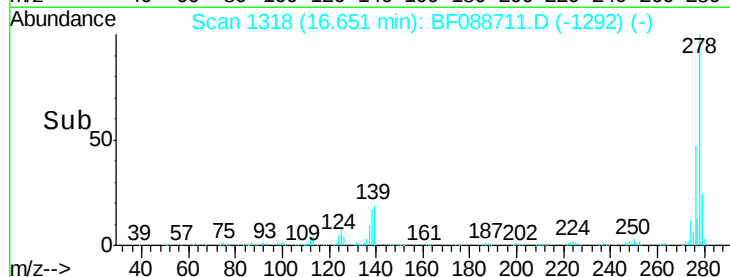
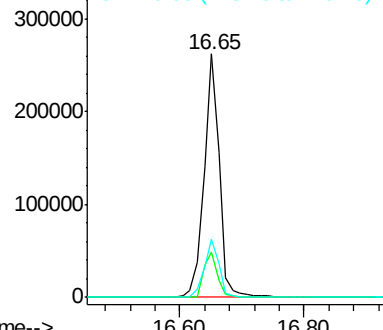
279 24.0 19.4 29.2



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: 51.13 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF088711.D

Acq: 5 Jul 2016 19:11

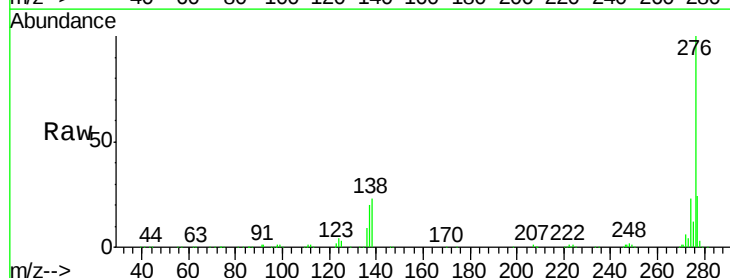
Tgt Ion:276 Resp: 467546

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 23.0 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

