

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088712.D
 Acq On : 5 Jul 2016 19:41
 Operator : UM/SJ
 Sample : PB91742BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

Quant Time: Jul 06 01:35:37 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	109609	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	445790	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	219565	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	416275	20.00	ng	0.00
75) Chrysene-d12	13.92	240	262513	20.00	ng	0.00
86) Perylene-d12	15.30	264	215029	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	733097	100.24	ng	0.01
7) Phenol-d6	6.42	99	997165	105.52	ng	0.01
23) Nitrobenzene-d5	7.35	82	747945	87.92	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	293009	143.71	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1214436	87.37	ng	0.00
78) Terphenyl-d14	12.87	244	1033722	87.71	ng	0.00

Target Compounds						Qvalue
3) Pyridine	3.08	79	295021	28.04	ng	93
4) n-Nitrosodimethylamine	3.05	42	131044	32.60	ng	88
6) Aniline	6.43	93	355157	25.79	ng	# 1
8) 2-Chlorophenol	6.56	128	304067	38.68	ng	96
9) Benzaldehyde	6.32	77	253330	39.58	ng	87
10) Phenol	6.43	94	428113	39.69	ng	# 69
11) bis(2-Chloroethyl)ether	6.51	93	283157	35.21	ng	93
12) 1,3-Dichlorobenzene	6.72	146	331264	38.30	ng	97
13) 1,4-Dichlorobenzene	6.80	146	325471	37.91	ng	96
14) 1,2-Dichlorobenzene	6.80	146	325471	40.50	ng	99
15) Benzyl Alcohol	6.92	79	297595	42.79	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	365158	31.35	ng	89
17) 2-Methylphenol	7.04	107	263203	41.05	ng	96
18) Hexachloroethane	7.29	117	129211	38.91	ng	90
19) n-Nitroso-di-n-propylamine	7.20	70	222094	34.99	ng	93
20) 3+4-Methylphenols	7.20	107	345829	44.94	ng	92
22) Acetophenone	7.19	105	440010	40.67	ng	# 88
24) Nitrobenzene	7.36	77	324248	37.80	ng	# 83
25) Isophorone	7.60	82	667309	42.35	ng	95
26) 2-Nitrophenol	7.68	139	176170	50.09	ng	93
27) 2,4-Dimethylphenol	7.72	122	314446	42.93	ng	89
28) bis(2-Chloroethoxy)methane	7.82	93	389218	37.96	ng	# 96
29) 2,4-Dichlorophenol	7.92	162	257680	43.52	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	268204	41.28	ng	99
31) Naphthalene	8.08	128	889837	40.49	ng	99
32) Benzoic acid	7.82	122	50050	9.41	ng	91
33) 4-Chloroaniline	8.14	127	221749	22.68	ng	# 93
34) Hexachlorobutadiene	8.20	225	142867	41.07	ng	100
35) Caprolactam	8.51	113	50079	24.91	ng	# 68
36) 4-Chloro-3-methylphenol	8.62	107	317304	45.32	ng	90
37) 2-Methylnaphthalene	8.78	142	628550	44.42	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	243178	33.30	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	288806	80.57	ng	98
42) 2,4,6-Trichlorophenol	9.05	196	194130	40.32	ng	97

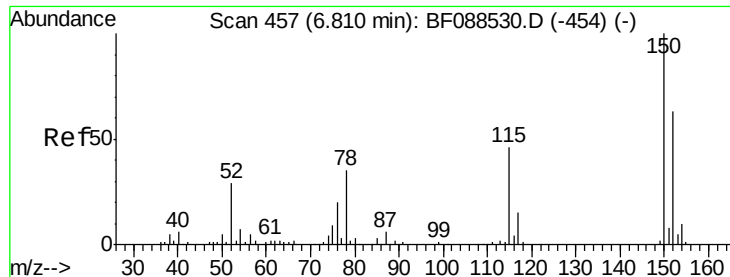
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	198634	47.95	ng	98
45) 1,1'-Biphenyl	9.23	154	712056	39.16	ng	99
46) 2-Chloronaphthalene	9.26	162	556722	39.00	ng	96
47) 2-Nitroaniline	9.36	65	221287	43.69	ng	86
48) Acenaphthylene	9.68	152	958032	42.18	ng	99
49) Dimethylphthalate	9.54	163	660492	42.22	ng	99
50) 2,6-Dinitrotoluene	9.60	165	140728	40.59	ng	# 46
51) Acenaphthene	9.85	154	608616	43.72	ng	97
52) 3-Nitroaniline	9.76	138	100994	22.92	ng	83
53) 2,4-Dinitrophenol	9.87	184	59724	39.02	ng	# 85
54) Dibenzofuran	10.02	168	841275	46.17	ng	95
55) 4-Nitrophenol	9.94	139	291254	86.96	ng	89
56) 2,4-Dinitrotoluene	10.00	165	204933	45.21	ng	# 45
57) Fluorene	10.35	166	584683	41.64	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	155705	48.58	ng	# 48
59) Diethylphthalate	10.24	149	665150	42.37	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	270122	41.40	ng	95
61) 4-Nitroaniline	10.39	138	173513	40.91	ng	93
62) Azobenzene	10.51	77	820590	45.83	ng	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	64664	29.04	ng	81
65) n-Nitrosodiphenylamine	10.48	169	585191	41.54	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	185227	44.15	ng	92
67) Hexachlorobenzene	10.90	284	173397	37.34	ng	95
68) Atrazine	11.00	200	187649	42.74	ng	93
69) Pentachlorophenol	11.10	266	160490	58.40	ng	97
70) Phenanthrene	11.31	178	865184	38.02	ng	100
71) Anthracene	11.37	178	981280	43.37	ng	99
72) Carbazole	11.52	167	784965	36.86	ng	99
73) Di-n-butylphthalate	11.86	149	1116560	45.08	ng	99
74) Fluoranthene	12.49	202	851630	36.92	ng	97
76) Benzidine	12.62	184	572016	43.11	ng	98
77) Pyrene	12.72	202	831252	37.35	ng	100
79) Butylbenzylphthalate	13.35	149	446093	44.93	ng	# 84
80) Benzo(a)anthracene	13.91	228	712206	42.13	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	146177	23.00	ng	99
82) Chrysene	13.94	228	716511	42.84	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	519973	45.87	ng	99
84) Di-n-octyl phthalate	14.51	149	801627	41.63	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	576976	44.84	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1064710	78.93	ng	# 98
88) Benzo(k)fluoranthene	14.91	252	1064951	90.69	ng	# 96
89) Benzo(a)pyrene	15.25	252	492279	43.10	ng	97
90) Dibenzo(a,h)anthracene	16.65	278	469441	49.22	ng	99
91) Benzo(g,h,i)perylene	17.04	276	496078	50.27	ng	96

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

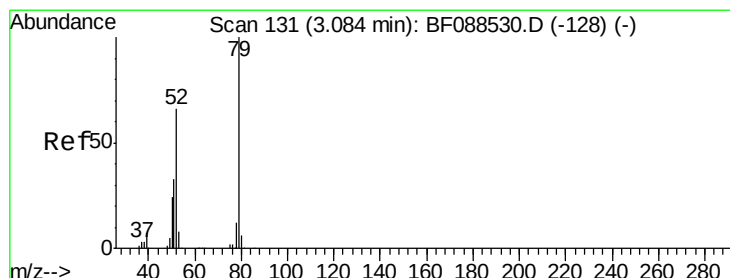
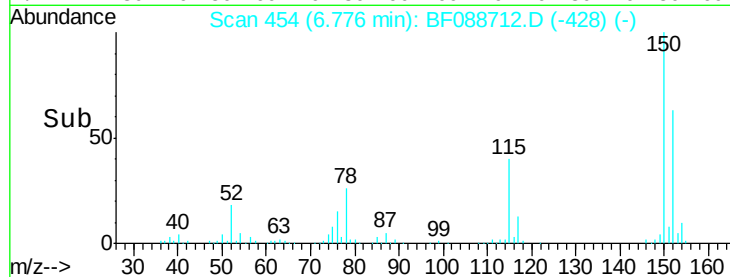
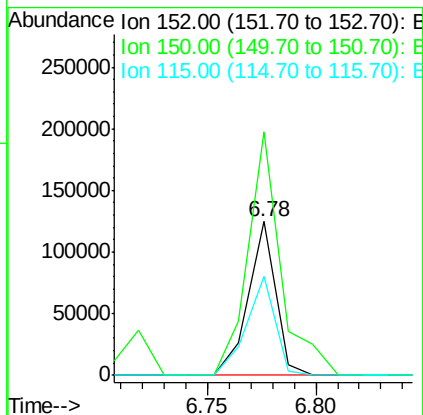
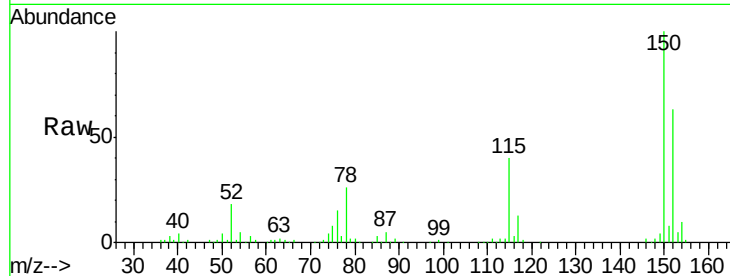


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

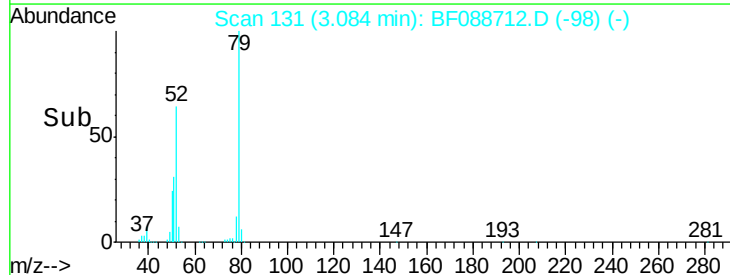
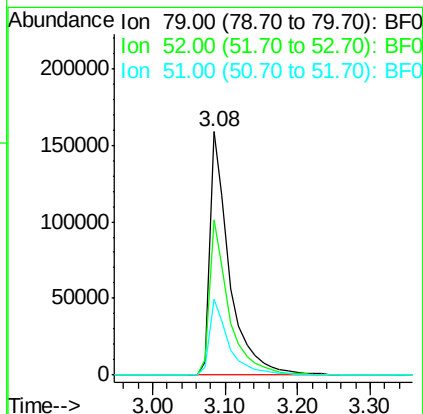
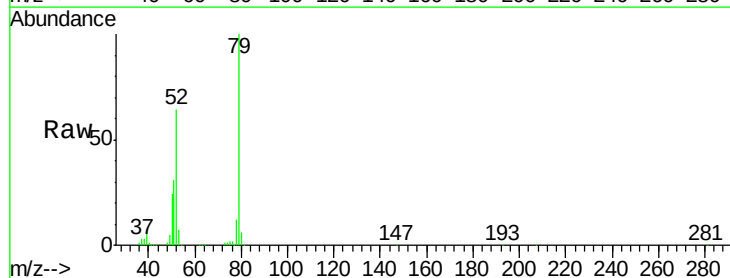
Tgt Ion:152 Resp: 109609
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 64.1 39.6 59.4#

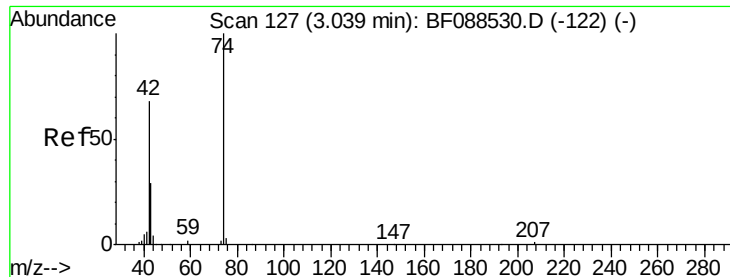


#3

Pyridine
Concen: 28.04 ng
RT: 3.08 min Scan# 131
Delta R.T. 0.08 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion: 79 Resp: 295021
Ion Ratio Lower Upper
79 100
52 63.7 56.3 84.5
51 31.2 27.4 41.2





#4

n-Nitrosodimethylamine

Concen: 32.60 ng

RT: 3.05 min Scan# 128

Delta R.T. 0.08 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

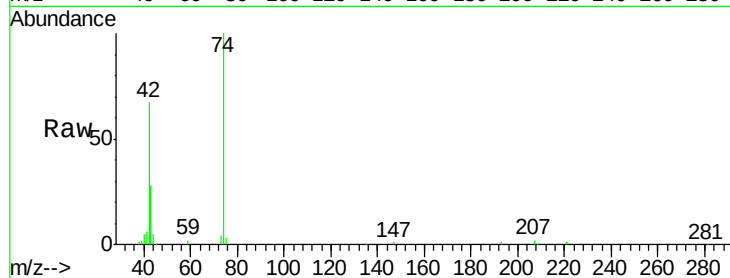
Tgt Ion: 42 Resp: 131044

Ion Ratio Lower Upper

42 100

74 150.2 108.6 163.0

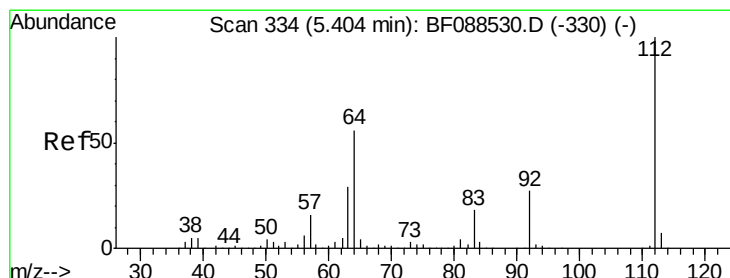
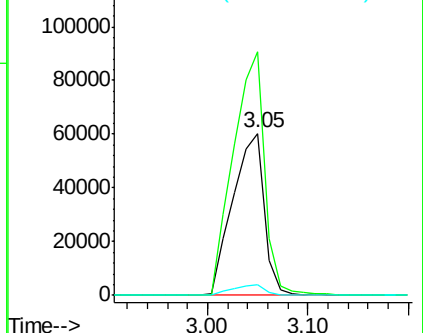
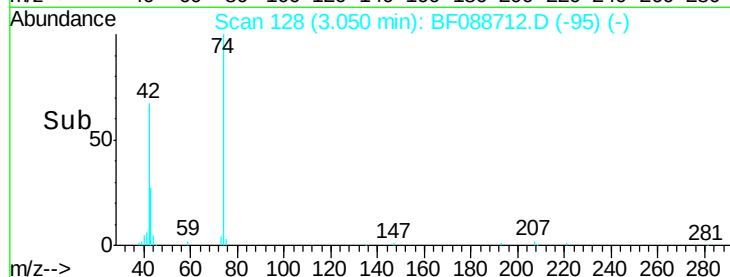
44 6.8 5.5 8.3



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: 100.24 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

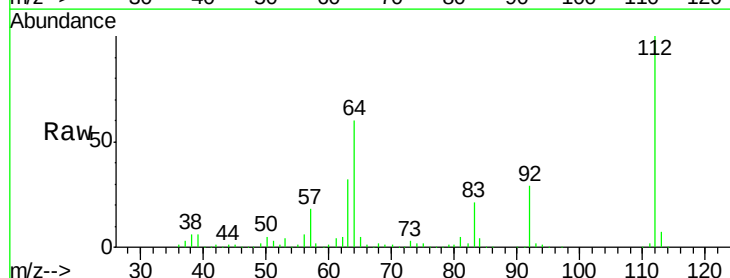
Tgt Ion: 112 Resp: 733097

Ion Ratio Lower Upper

112 100

64 59.7 42.2 63.2

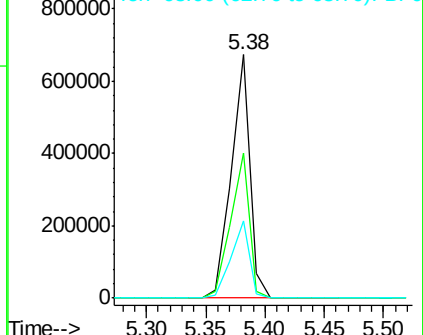
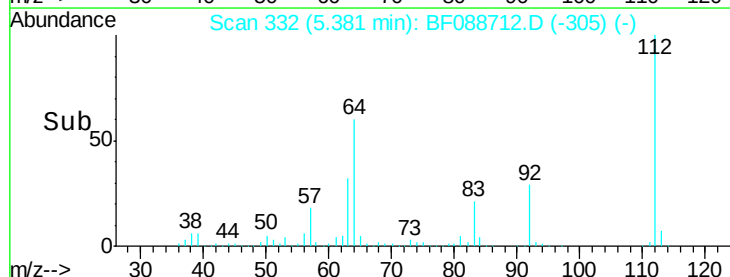
63 31.8 21.8 32.8

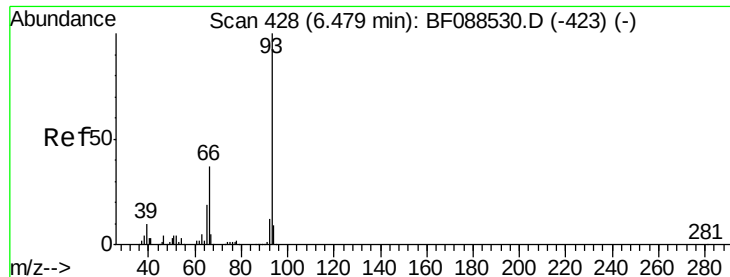


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 25.79 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

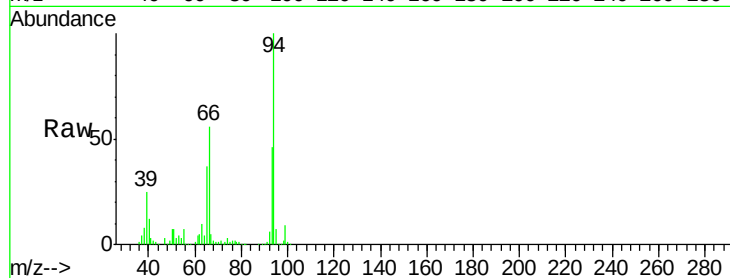
Tgt Ion: 93 Resp: 355157

Ion Ratio Lower Upper

93 100

66 122.9 29.8 44.8#

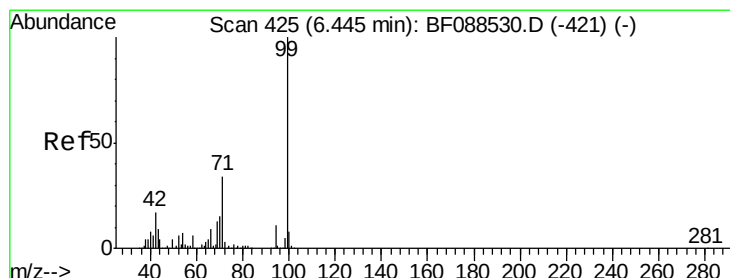
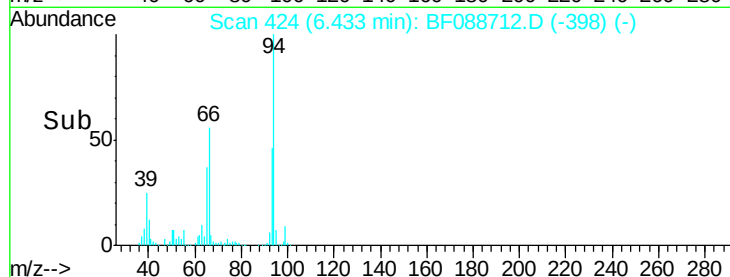
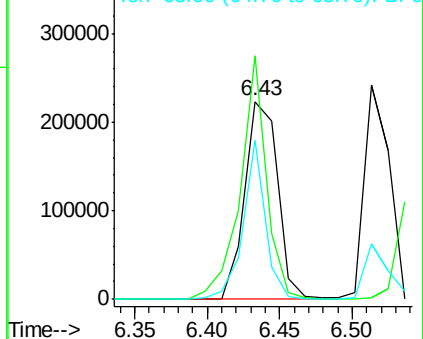
65 80.1 14.9 22.3#



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: 105.52 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

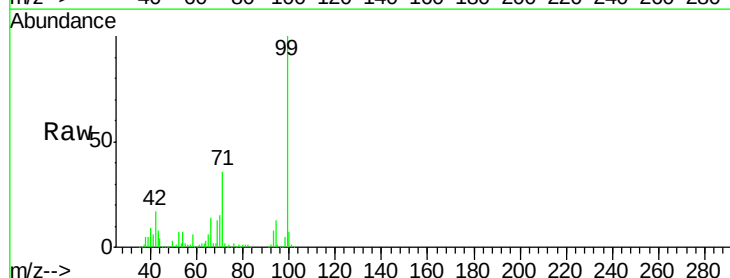
Tgt Ion: 99 Resp: 997165

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

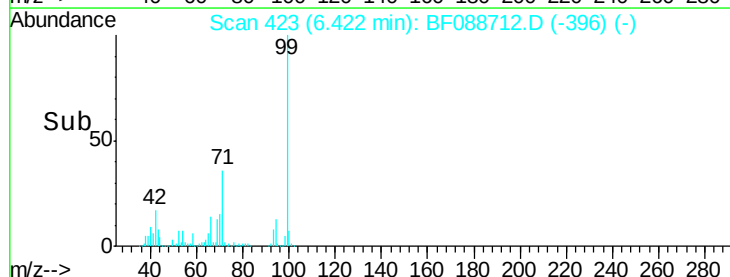
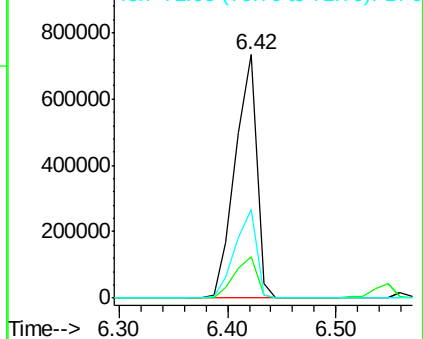
71 36.4 23.4 35.0#

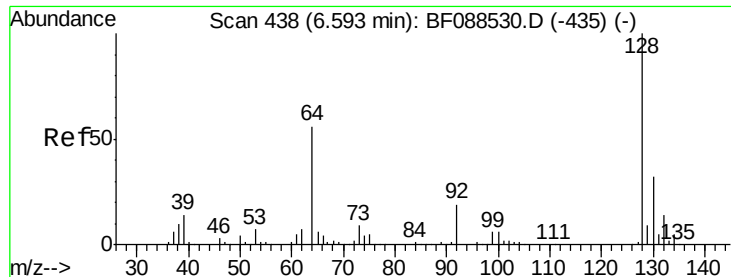


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 38.68 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

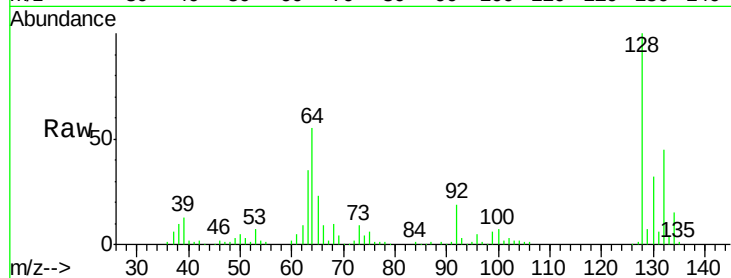
Instrument :

BNA_F

ClientSampleId :

PB91868BS

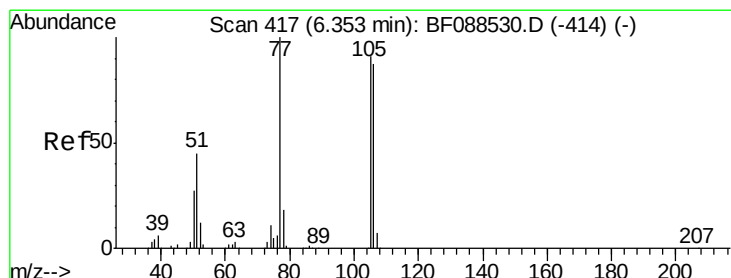
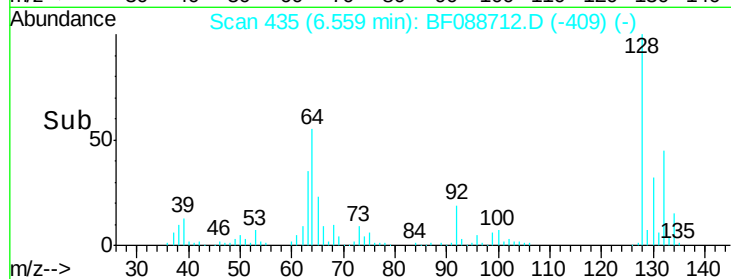
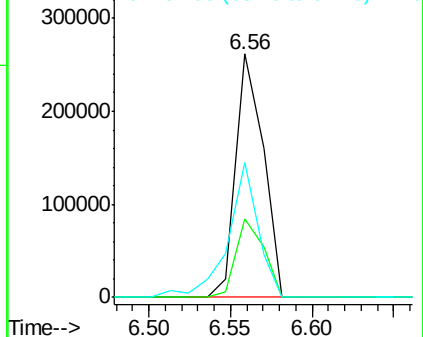
Tgt Ion:	128	Resp:	304067
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	55.2	30.8	70.8



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: 39.58 ng

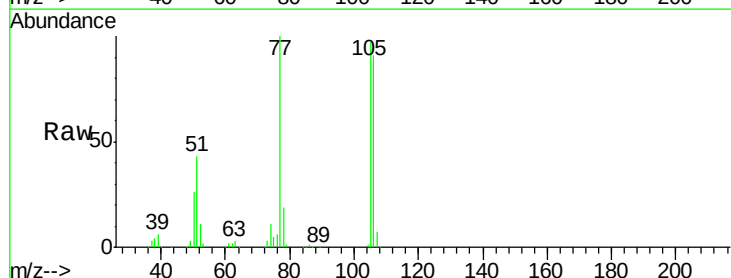
RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

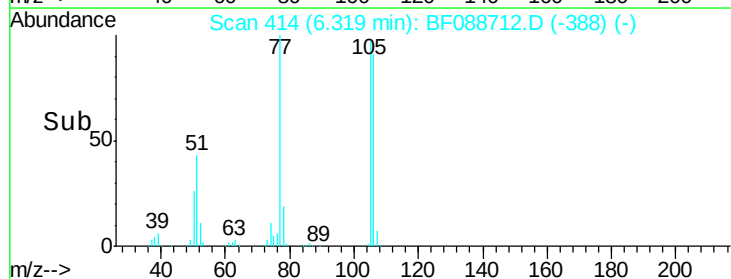
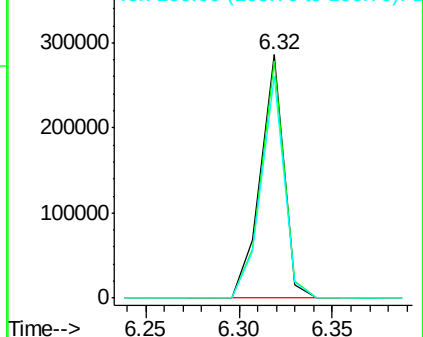
Tgt Ion:	77	Resp:	253330
Ion	Ratio	Lower	Upper
77	100		
105	97.2	90.6	130.6
106	91.4	85.3	125.3

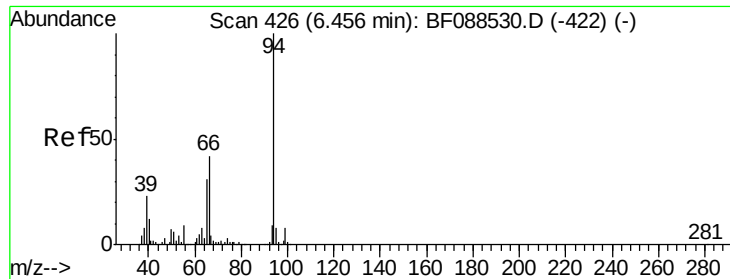


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 39.69 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

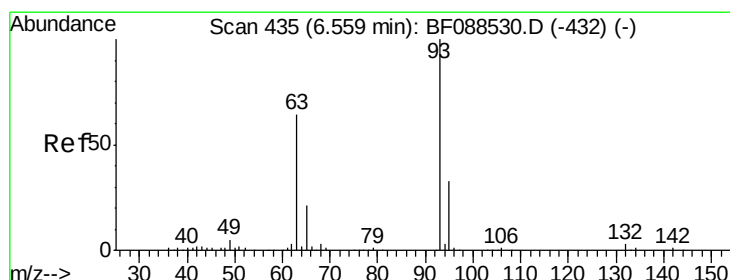
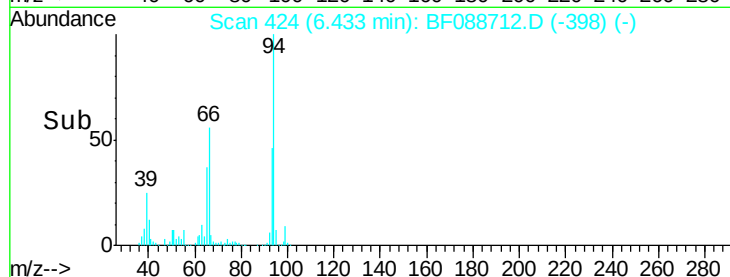
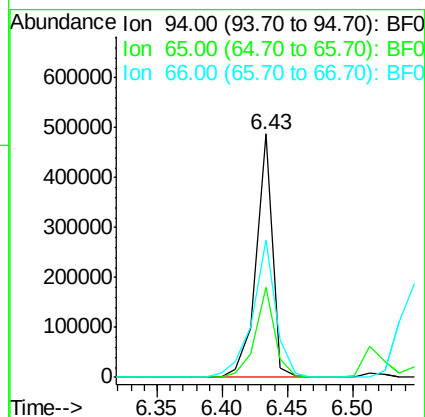
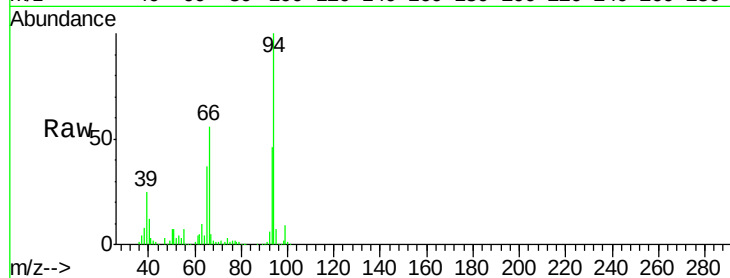
Tgt Ion: 94 Resp: 428113

Ion Ratio Lower Upper

94 100

65 36.7 5.9 45.9

66 56.4 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 35.21 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

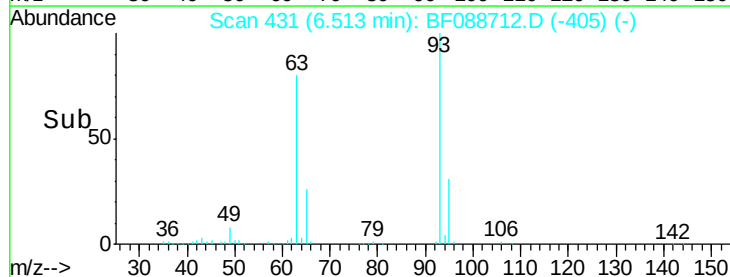
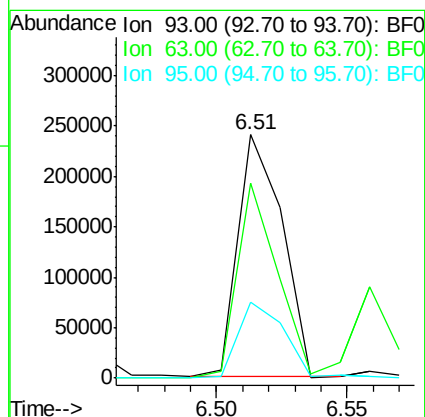
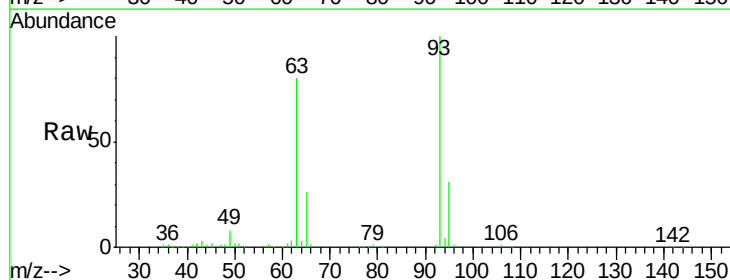
Tgt Ion: 93 Resp: 283157

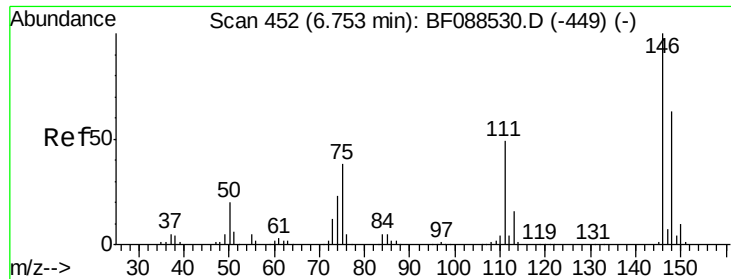
Ion Ratio Lower Upper

93 100

63 79.9 67.6 107.6

95 31.3 12.5 52.5

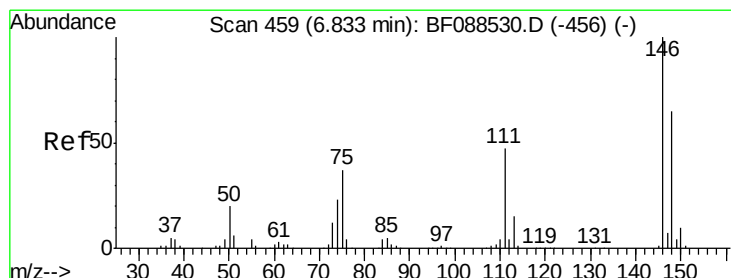
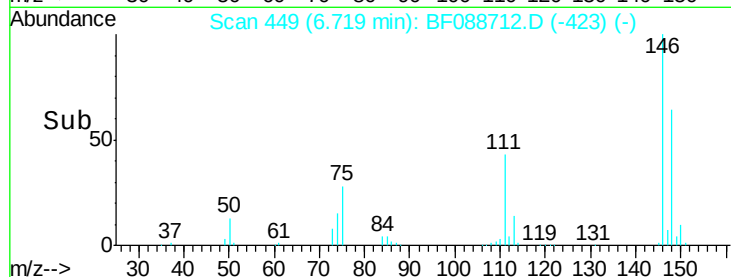
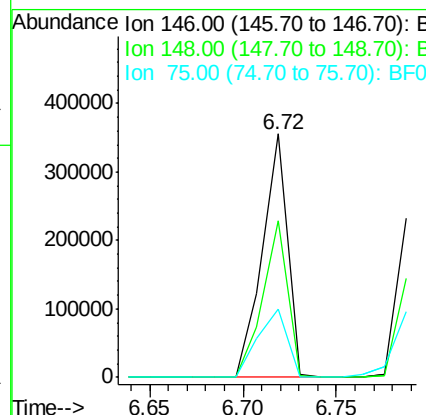
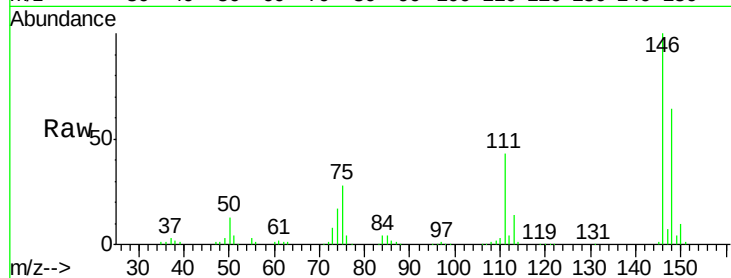




#12
 1,3-Dichlorobenzene
 Concen: 38.30 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

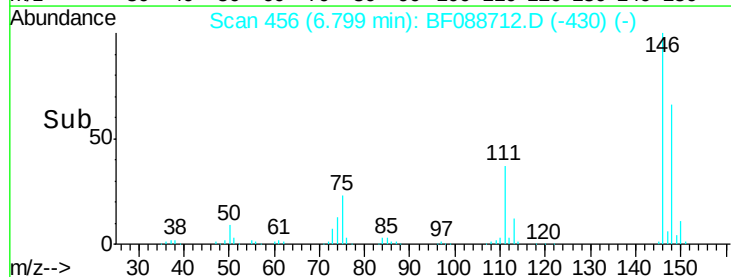
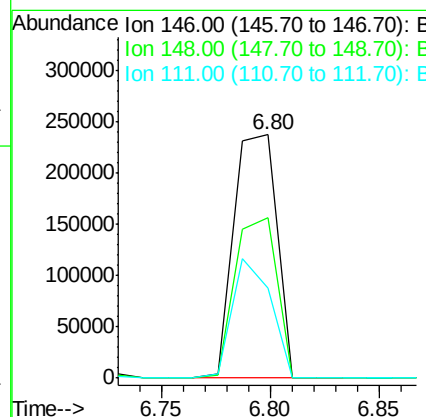
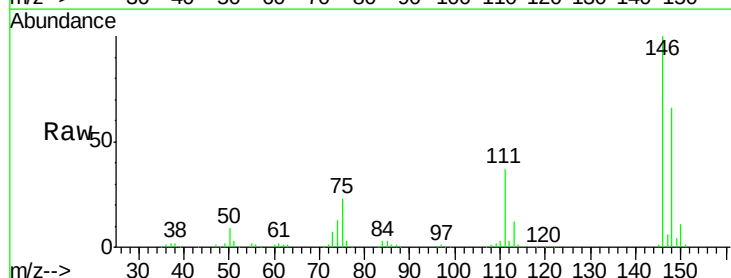
Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

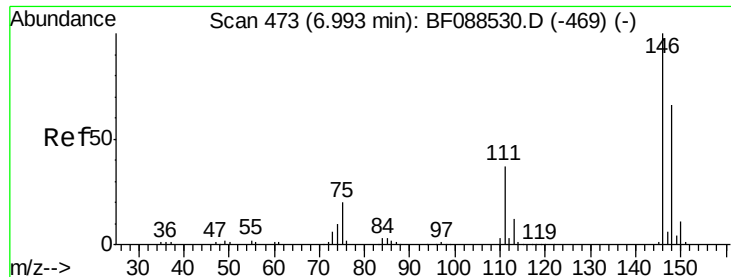
Tgt Ion:146 Resp: 331264
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.9 76.3
 75 28.3 25.6 38.4



#13
 1,4-Dichlorobenzene
 Concen: 37.91 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion:146 Resp: 325471
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.0 78.0
 111 37.0 33.8 50.8

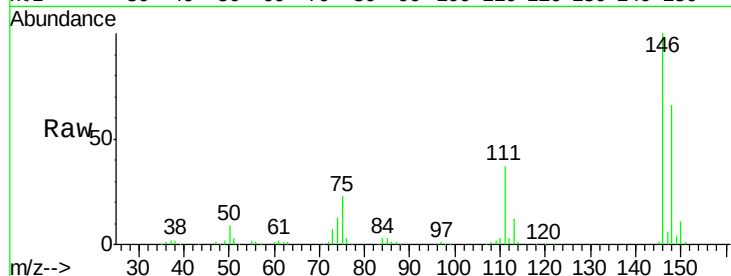




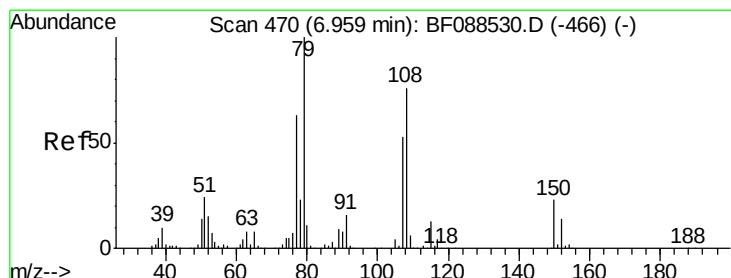
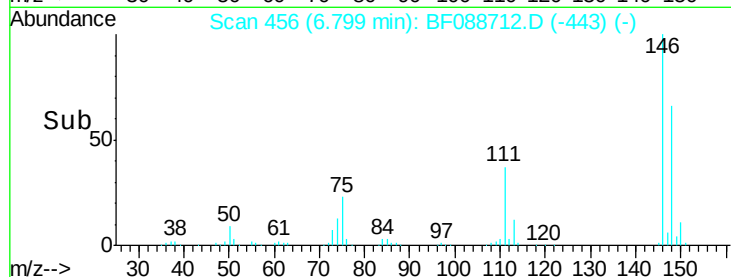
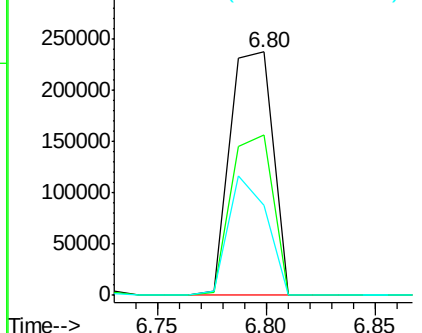
#14
 1,2-Dichlorobenzene
 Concen: 40.50 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.15 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

Tgt Ion:146 Resp: 325471
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.3 78.5
 111 37.0 28.7 43.1

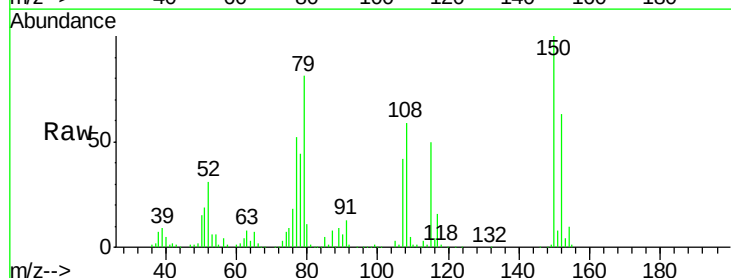


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

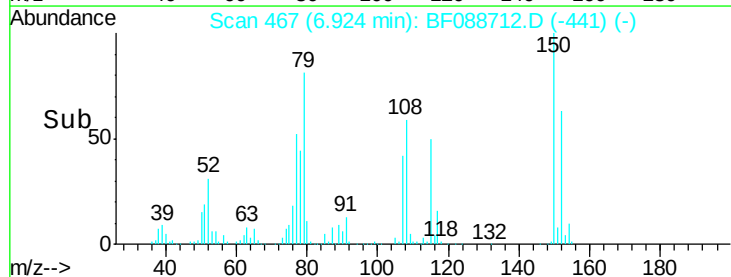
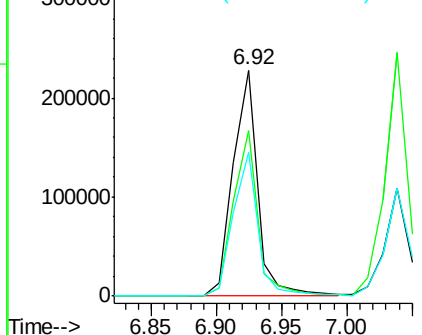


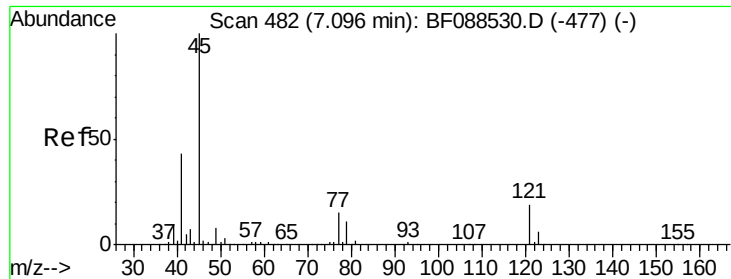
#15
 Benzyl Alcohol
 Concen: 42.79 ng
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion: 79 Resp: 297595
 Ion Ratio Lower Upper
 79 100
 108 73.2 65.0 97.6
 77 63.9 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

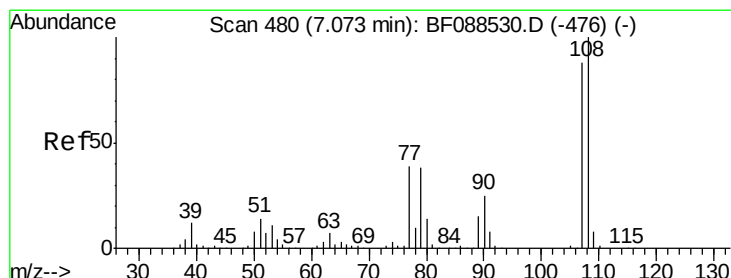
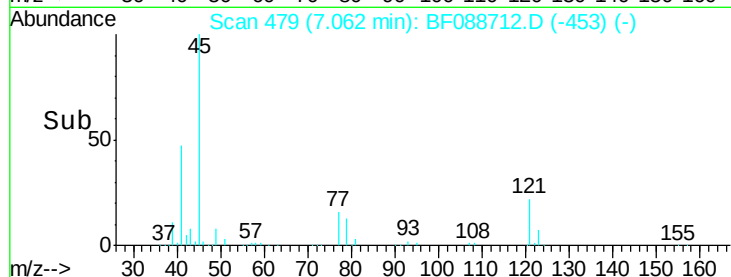
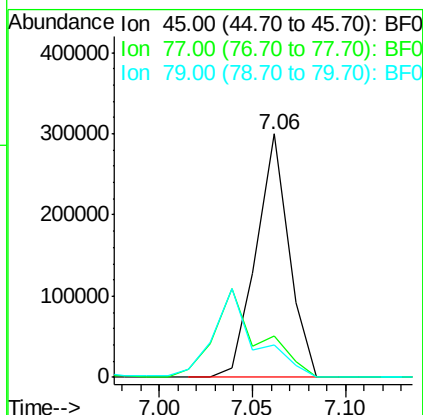
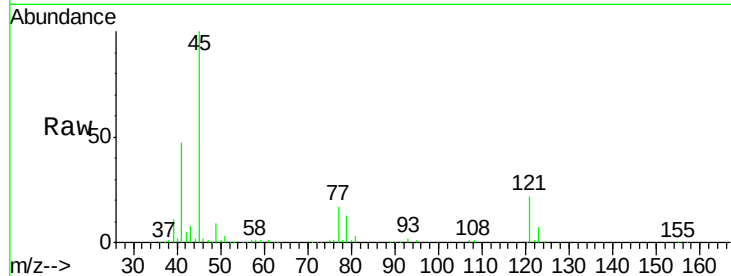




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.35 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

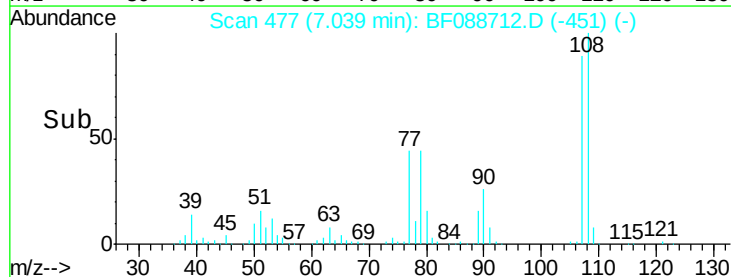
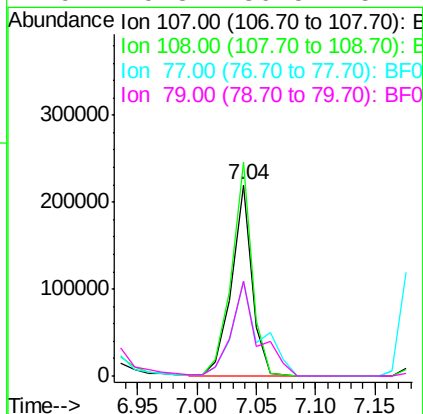
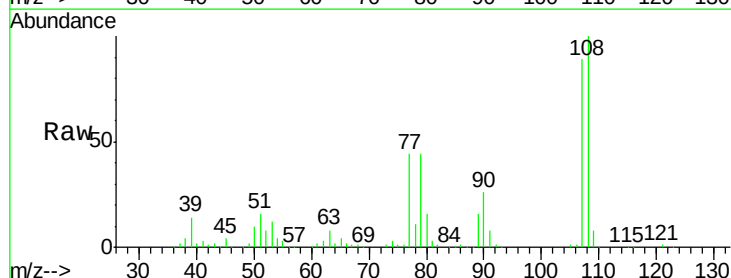
Instrument :
BNA_F
ClientSampleId :
PB91868BS

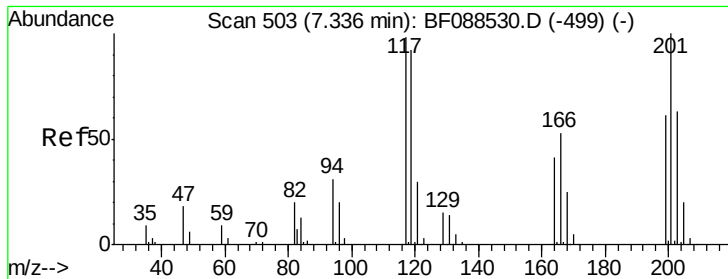
Tgt Ion: 45 Resp: 365158
Ion Ratio Lower Upper
45 100
77 16.8 0.0 32.5
79 13.2 0.0 29.5



#17
2-Methylphenol
Concen: 41.05 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion: 107 Resp: 263203
Ion Ratio Lower Upper
107 100
108 111.9 90.9 136.3
77 49.8 36.6 55.0
79 49.8 36.5 54.7

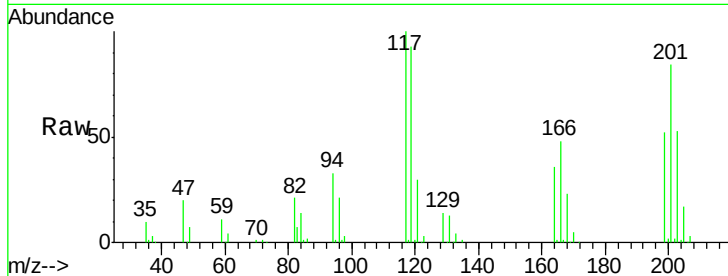




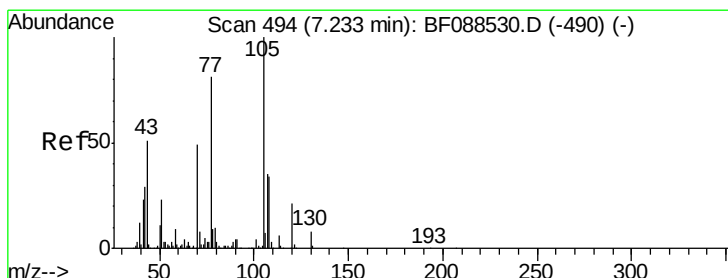
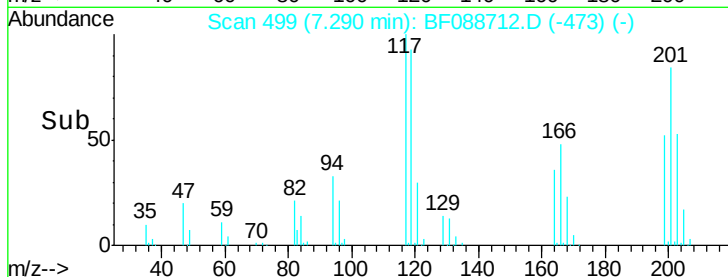
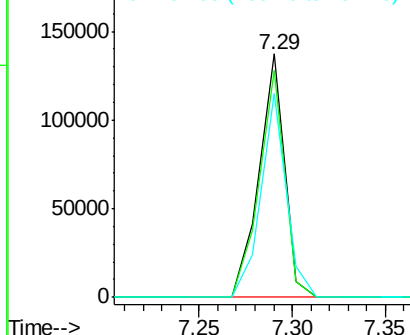
#18
Hexachloroethane
Concen: 38.91 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tgt Ion: 117 Resp: 129211
Ion Ratio Lower Upper
117 100
119 93.2 77.4 116.2
201 83.5 80.4 120.6

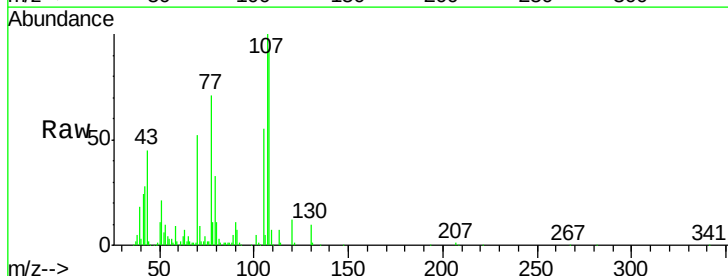


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

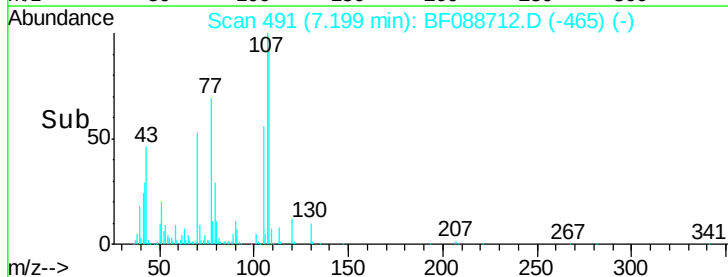
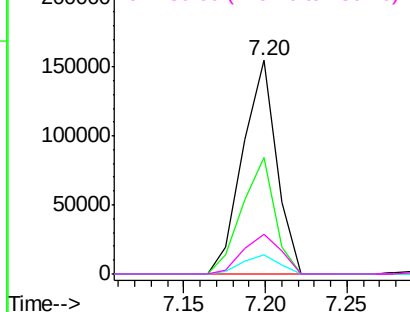


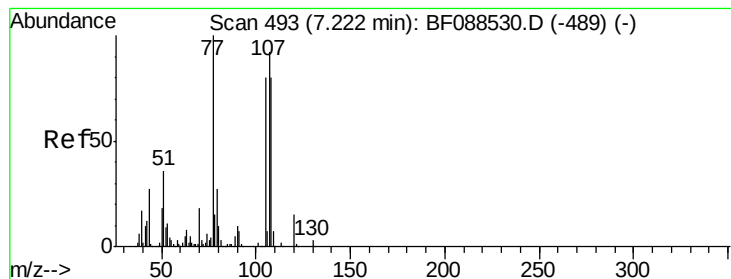
#19
n-Nitroso-di-n-propylamine
Concen: 34.99 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion: 70 Resp: 222094
Ion Ratio Lower Upper
70 100
42 54.3 49.6 74.4
101 9.3 7.1 10.7
130 18.4 15.4 23.2



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





#20

3+4-Methylphenols

Concen: 44.94 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

Tgt Ion:107 Resp: 345829

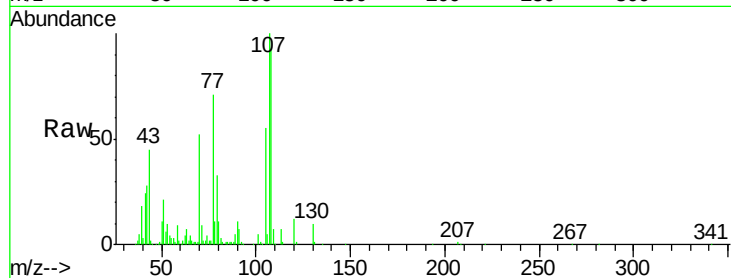
Ion Ratio Lower Upper

107 100

108 93.4 67.8 107.8

77 70.9 59.3 99.3

79 32.8 7.0 47.0

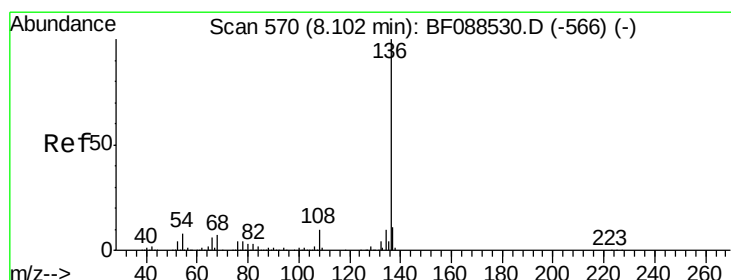
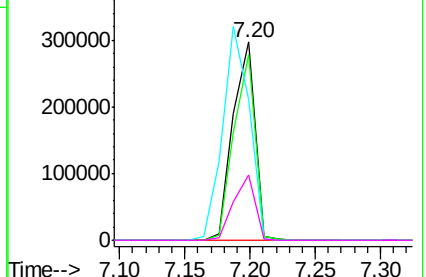
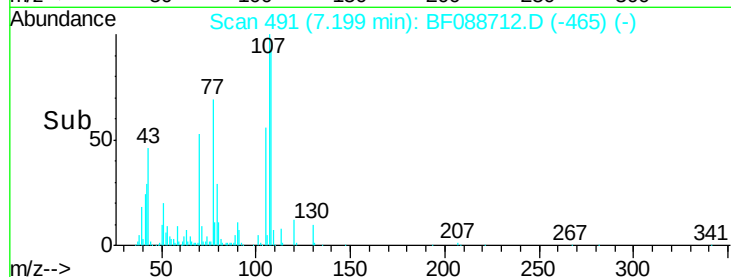


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Tgt Ion:136 Resp: 445790

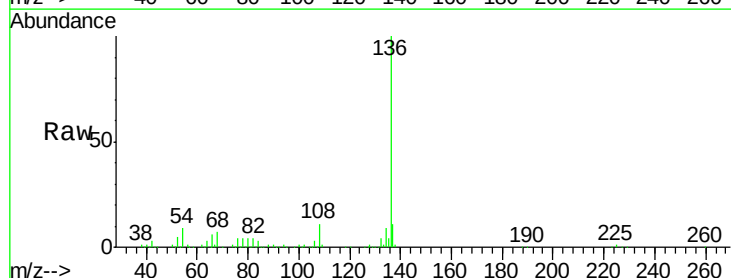
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.9 6.6 10.0

68 7.4 5.1 7.7

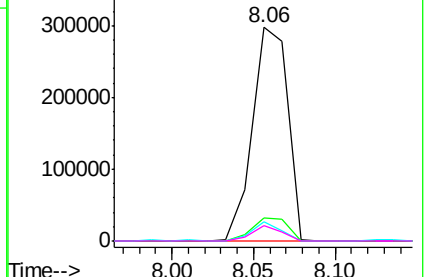
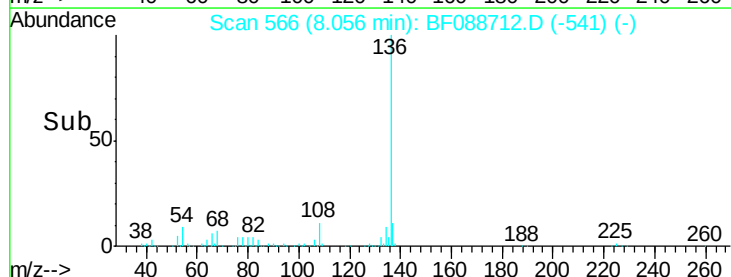


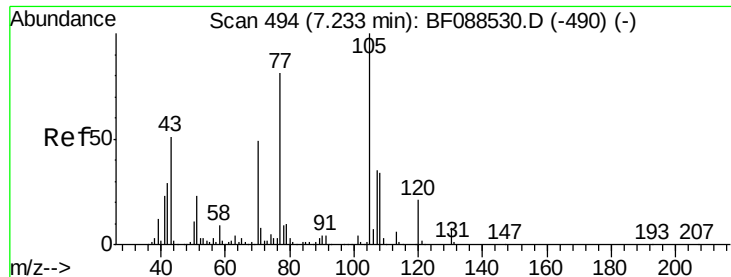
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

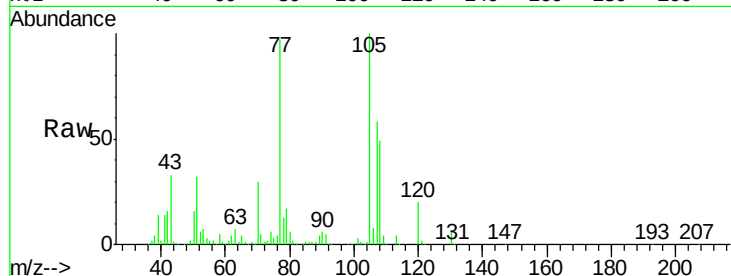




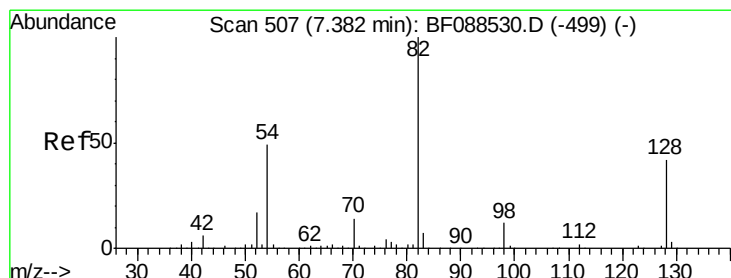
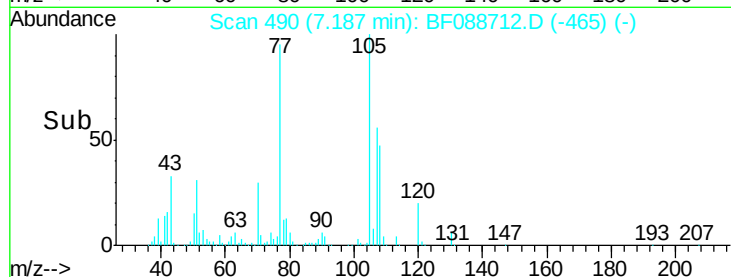
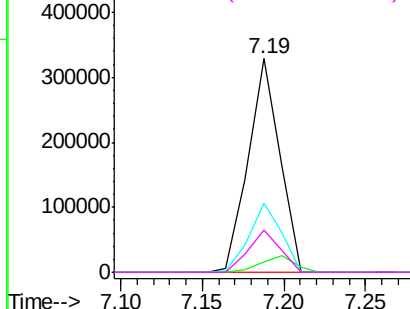
#22
Acetophenone
Concen: 40.67 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tgt Ion: 105 Resp: 440010
Ion Ratio Lower Upper
105 100
71 4.9 5.3 7.9#
51 32.2 18.2 27.4#
120 19.8 18.0 27.0

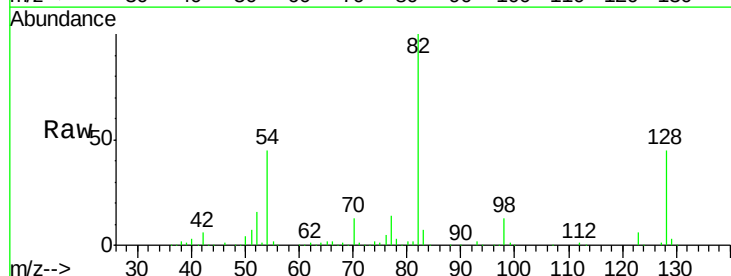


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

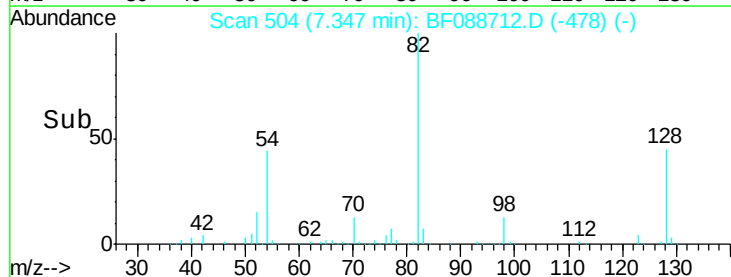
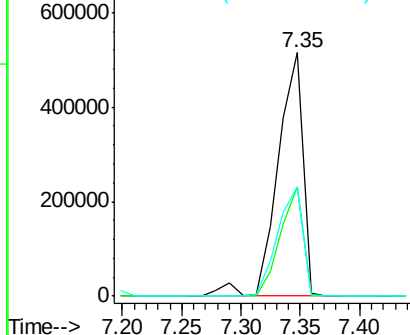


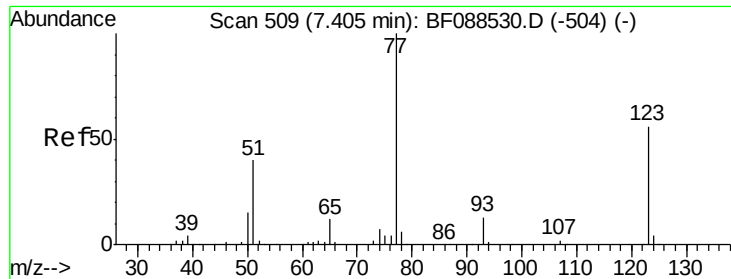
#23
Nitrobenzene-d5
Concen: 87.92 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion: 82 Resp: 747945
Ion Ratio Lower Upper
82 100
128 44.7 35.9 53.9
54 44.7 40.9 61.3



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





#24

Nitrobenzene

Concen: 37.80 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

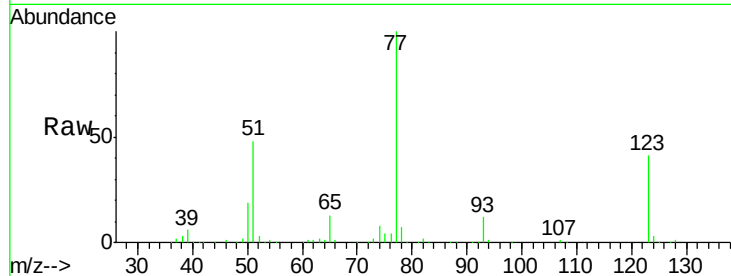
Tgt Ion: 77 Resp: 324248

Ion Ratio Lower Upper

77 100

123 40.9 45.0 67.4#

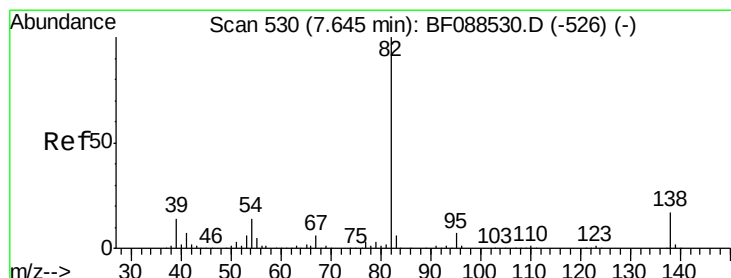
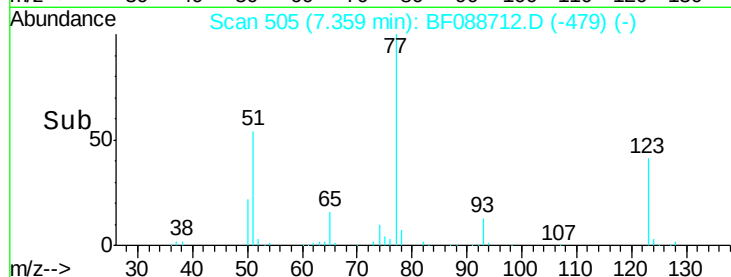
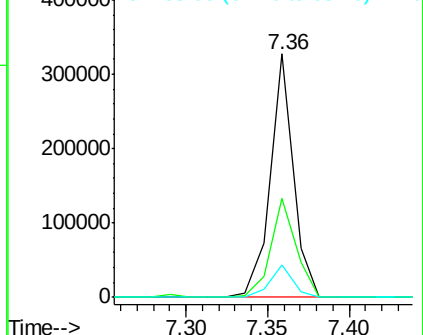
65 13.4 10.2 15.2



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: 42.35 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

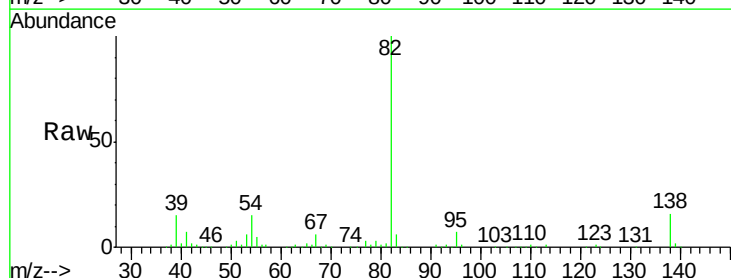
Tgt Ion: 82 Resp: 667309

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

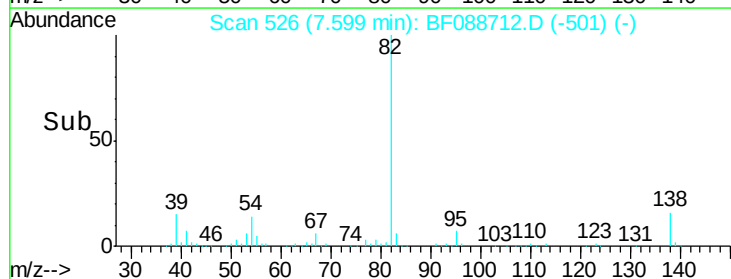
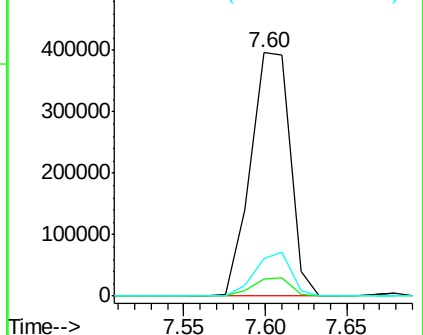
138 15.5 14.6 21.8

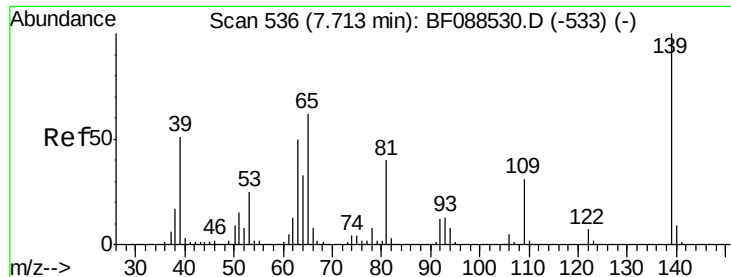


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

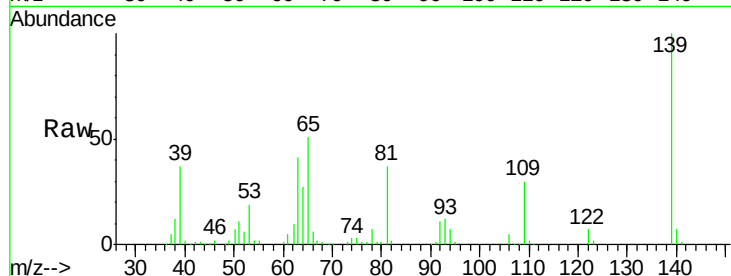




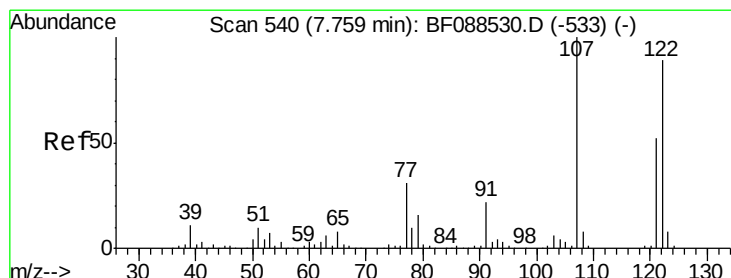
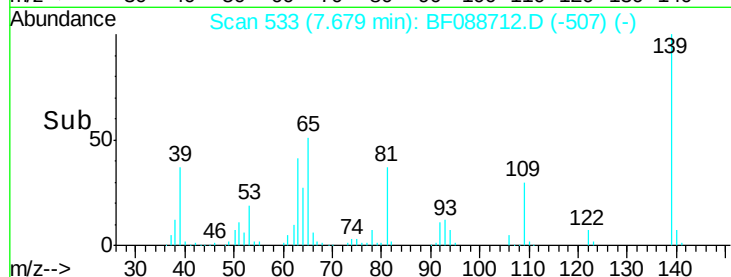
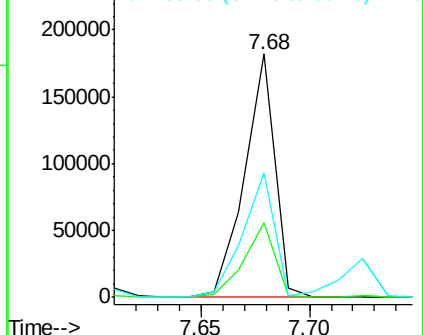
#26
2-Nitrophenol
Concen: 50.09 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleID :
PB91868BS

Tgt Ion:139 Resp: 176170
Ion Ratio Lower Upper
139 100
109 30.4 23.0 34.4
65 51.3 45.8 68.8

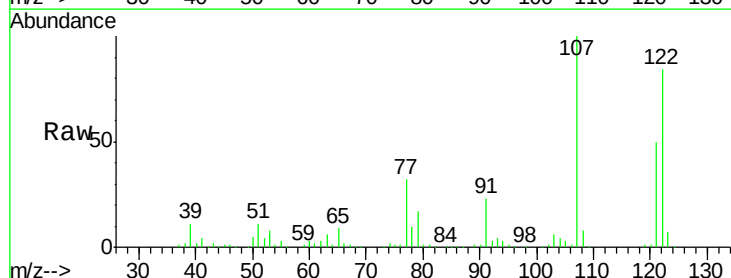


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

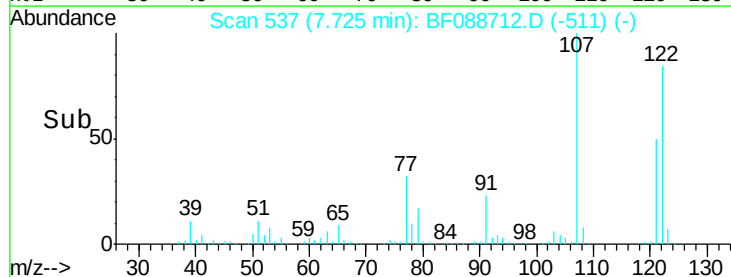
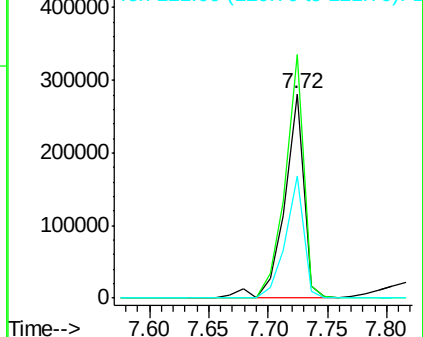


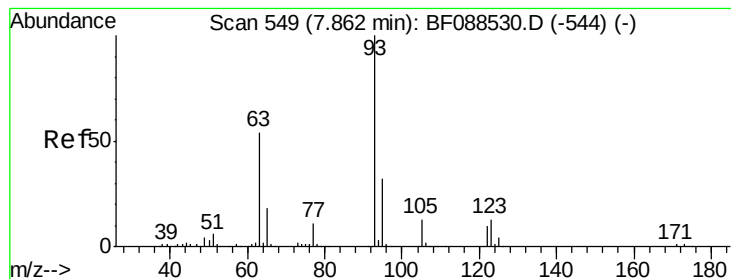
#27
2,4-Dimethylphenol
Concen: 42.93 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:122 Resp: 314446
Ion Ratio Lower Upper
122 100
107 119.2 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: 37.96 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

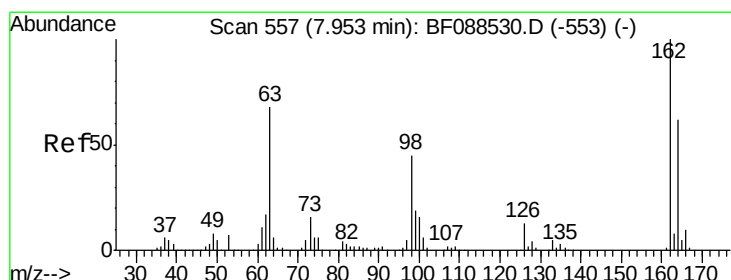
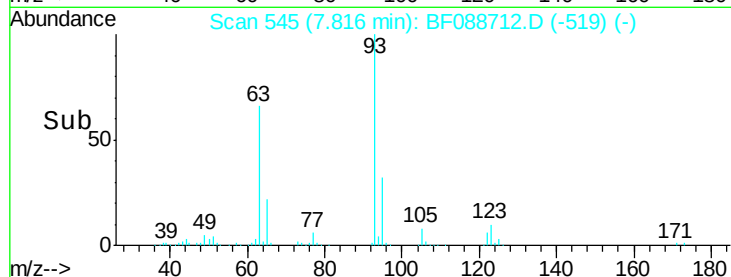
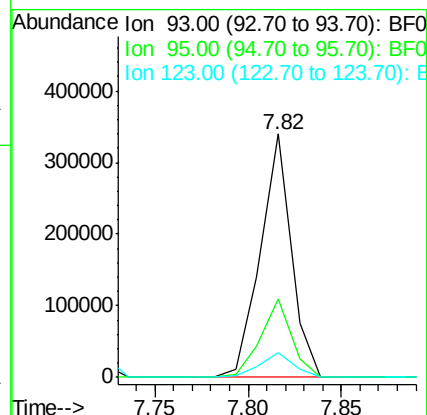
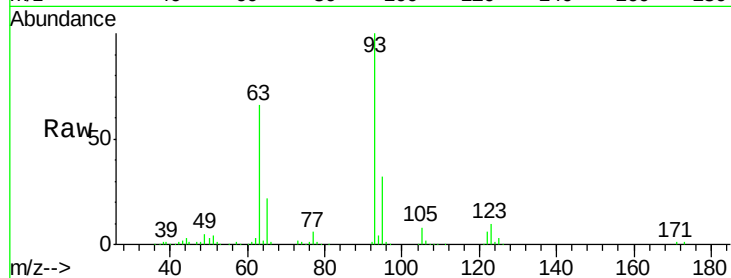
Tgt Ion: 93 Resp: 389218

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

123 10.1 11.6 17.4#



#29

2,4-Dichlorophenol

Concen: 43.52 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

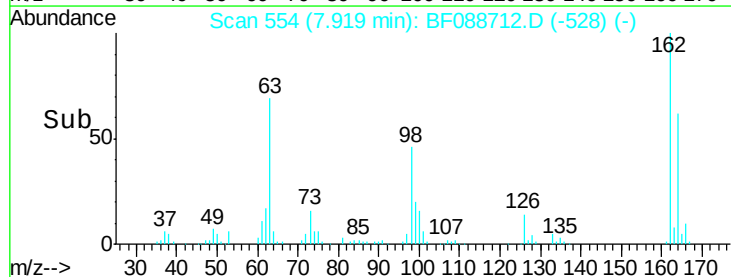
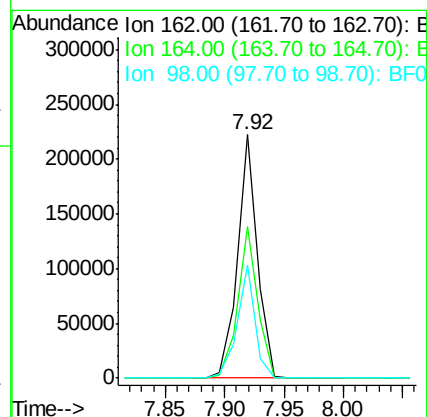
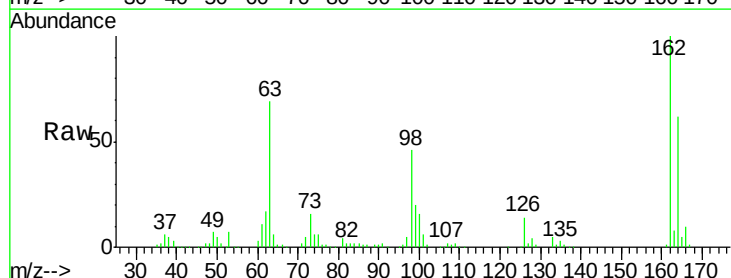
Tgt Ion: 162 Resp: 257680

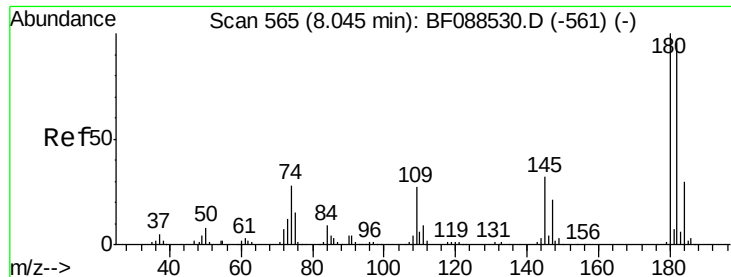
Ion Ratio Lower Upper

162 100

164 62.3 43.8 83.8

98 46.3 21.3 61.3

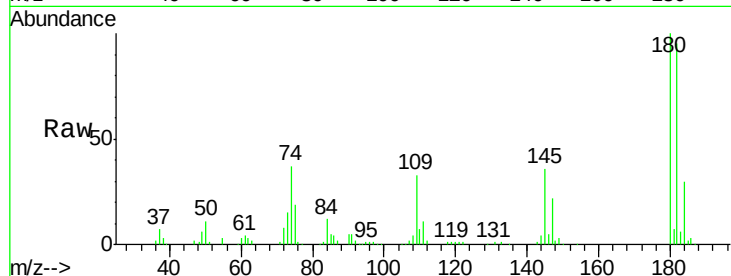




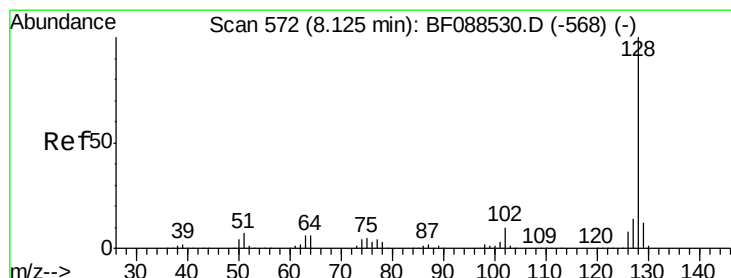
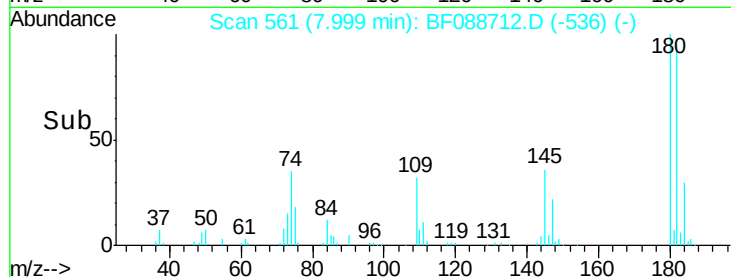
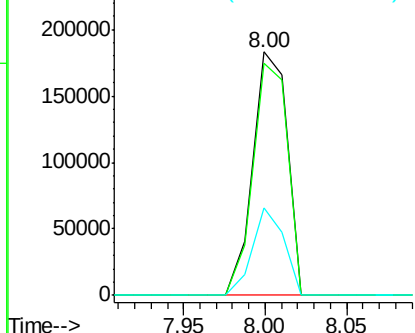
#30
 1,2,4-Trichlorobenzene
 Concen: 41.28 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

Tgt Ion:180 Resp: 268204
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.0 114.0
 145 35.7 26.5 39.7

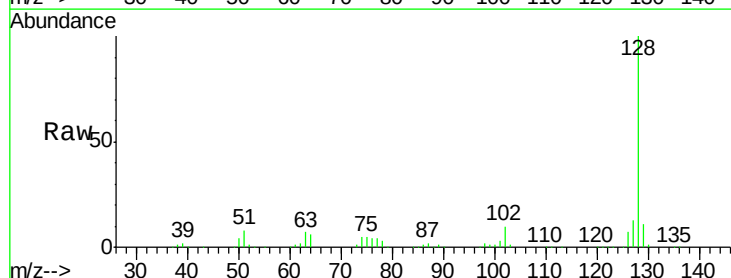


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

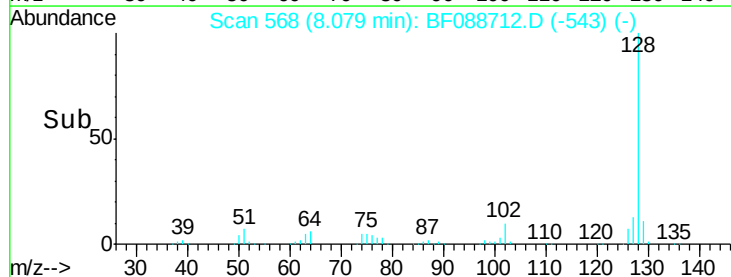
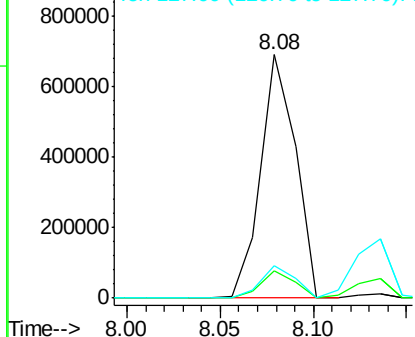


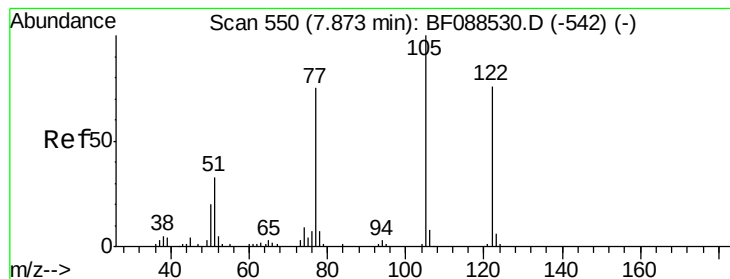
#31
 Naphthalene
 Concen: 40.49 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion:128 Resp: 889837
 Ion Ratio Lower Upper
 128 100
 129 11.4 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: 9.41 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.05 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

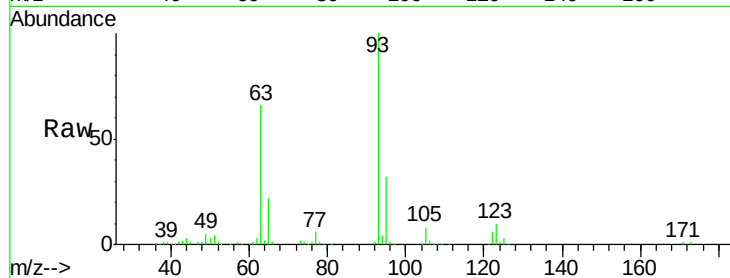
Tgt Ion:122 Resp: 50050

Ion Ratio Lower Upper

122 100

105 130.2 101.6 141.6

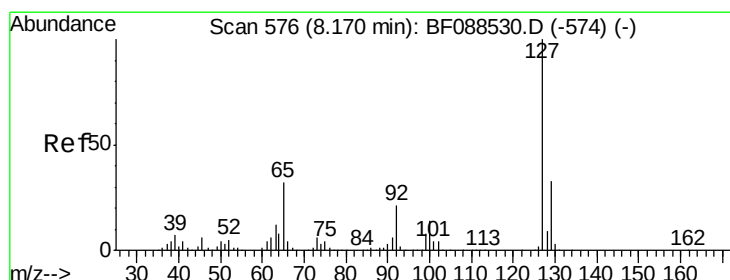
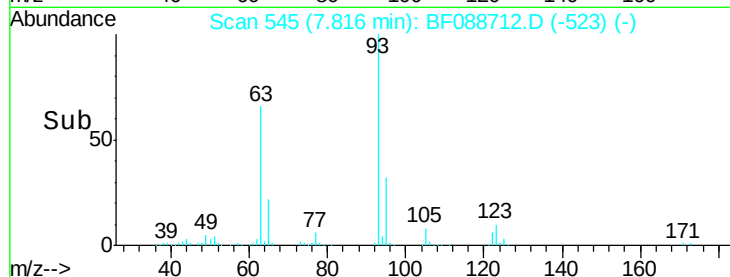
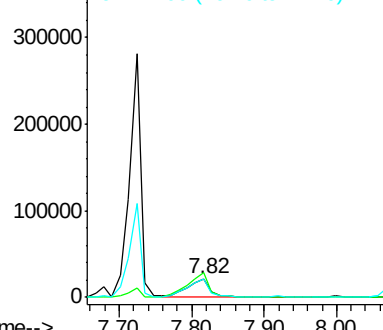
77 101.1 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 22.68 ng

RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Tgt Ion:127 Resp: 221749

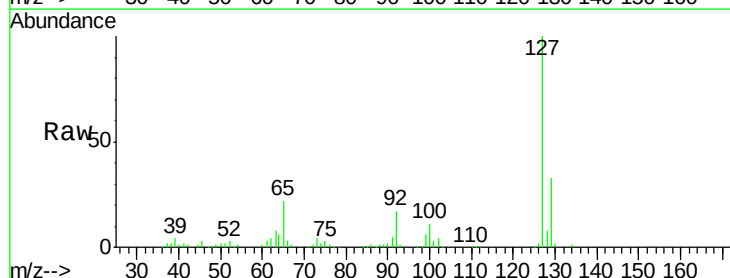
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 22.1 24.7 37.1#

92 16.8 15.4 23.0

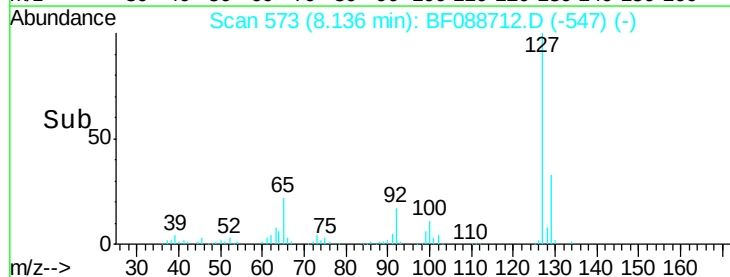
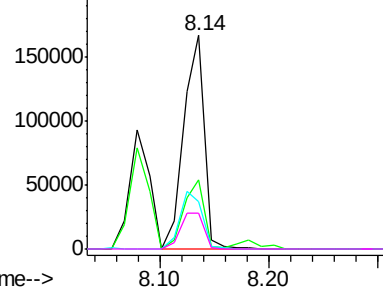


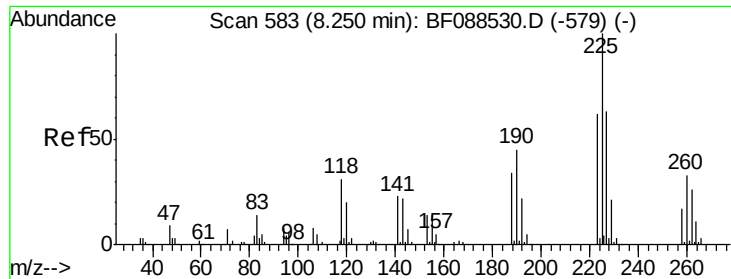
Abundance Ion 127.00 (126.70 to 127.70): E

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

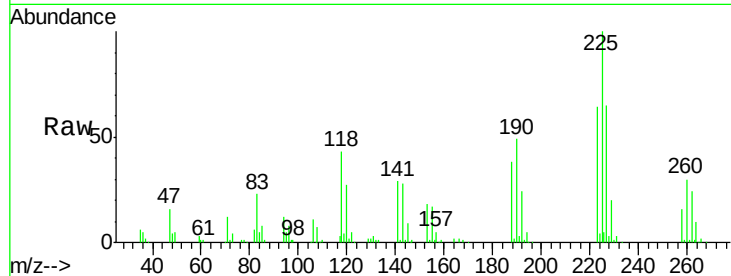




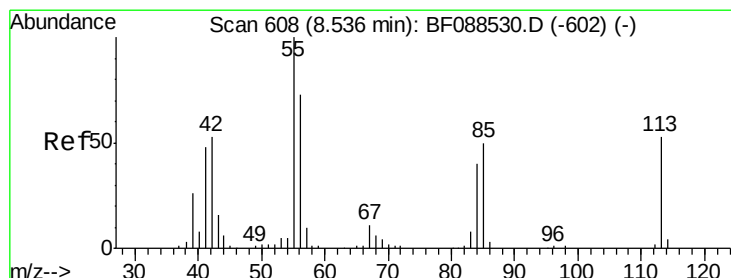
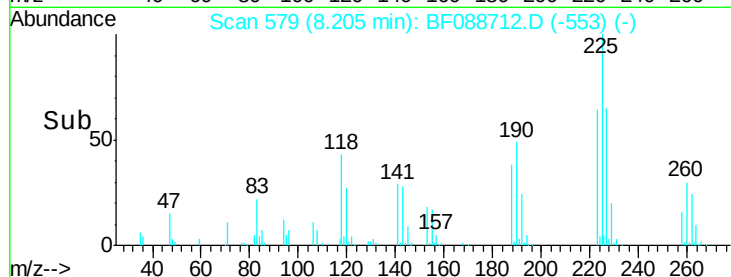
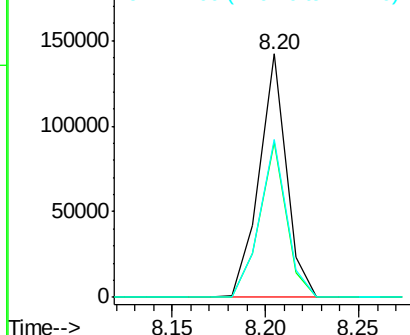
#34
Hexachlorobutadiene
Concen: 41.07 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tgt Ion: 225 Resp: 142867
Ion Ratio Lower Upper
225 100
223 63.8 50.9 76.3
227 64.9 51.9 77.9

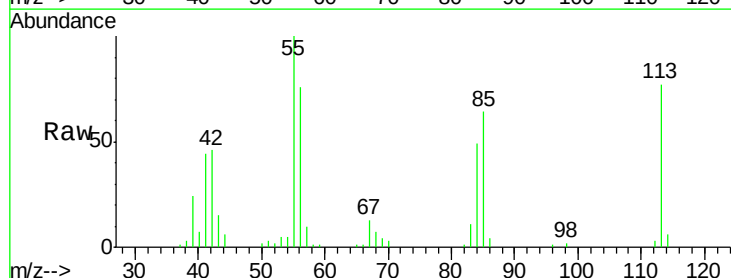


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

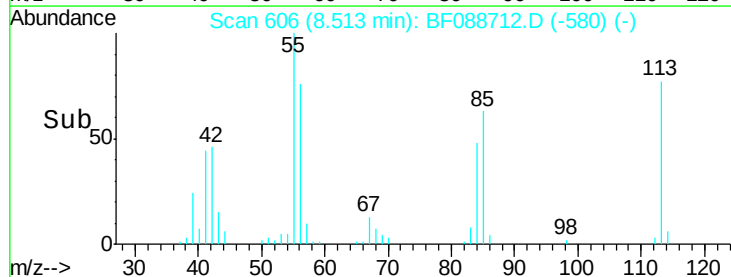
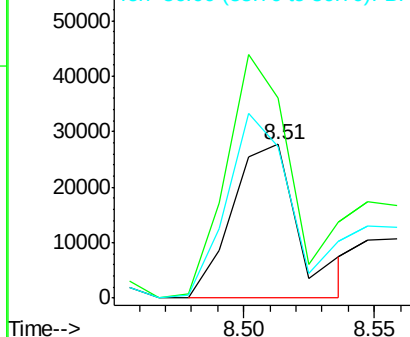


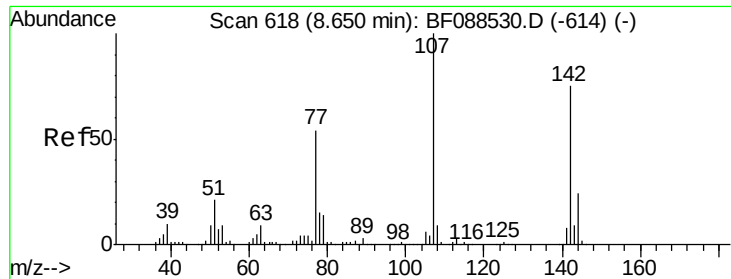
#35
Caprolactam
Concen: 24.91 ng
RT: 8.51 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion: 113 Resp: 50079
Ion Ratio Lower Upper
113 100
55 129.8 158.6 198.6#
56 98.2 110.6 150.6#



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

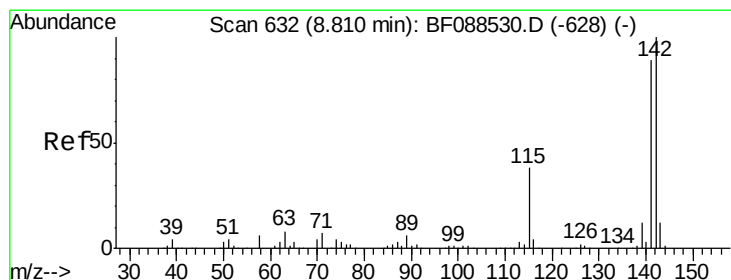
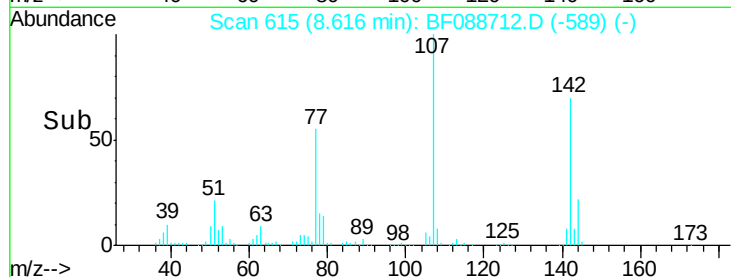
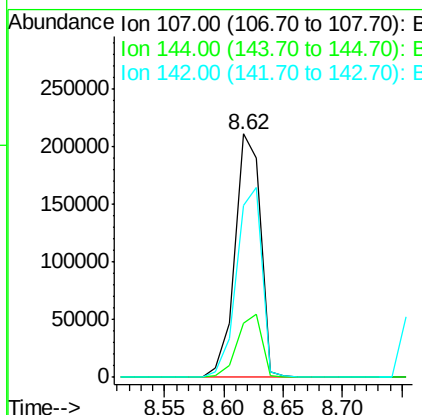
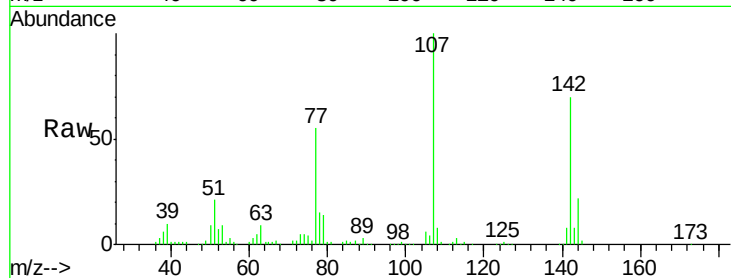




#36
 4-Chloro-3-methylphenol
 Concen: 45.32 ng
 RT: 8.62 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

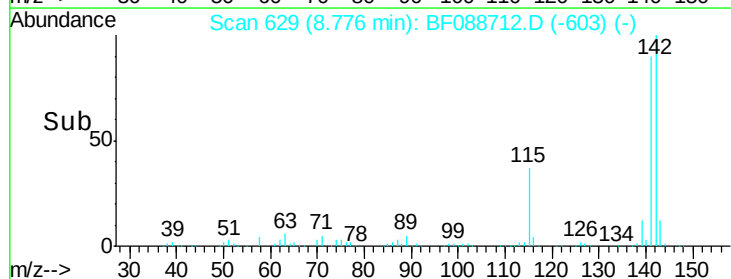
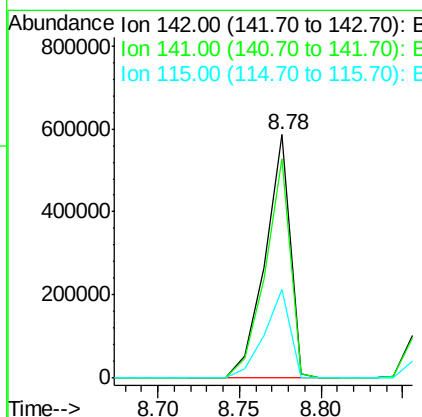
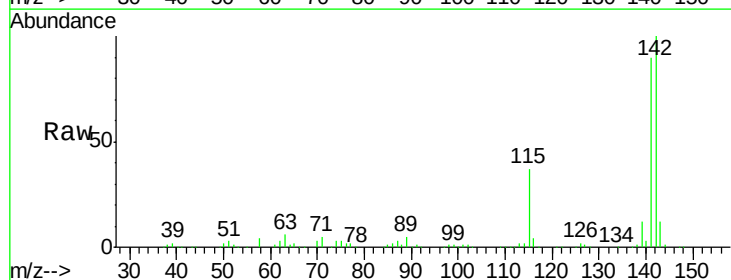
Instrument :
 BNA_F
 ClientSampled :
 PB91868BS

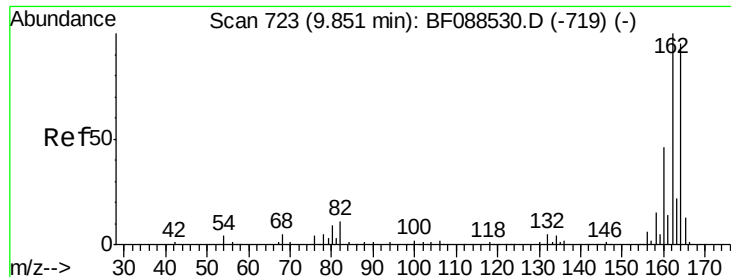
Tgt Ion:107 Resp: 317304
 Ion Ratio Lower Upper
 107 100
 144 22.1 20.8 31.2
 142 70.4 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 44.42 ng
 RT: 8.78 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion:142 Resp: 628550
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.0 106.6
 115 36.6 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: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampled :

PB91868BS

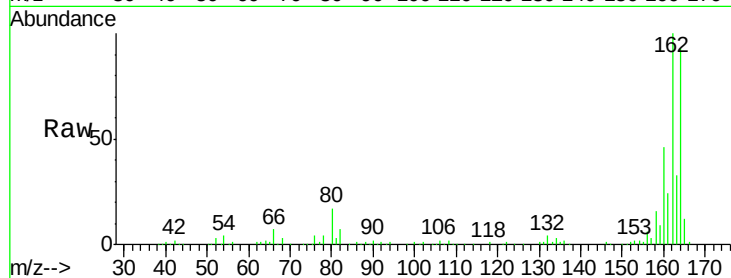
Tgt Ion:164 Resp: 219565

Ion Ratio Lower Upper

164 100

162 107.2 85.4 128.2

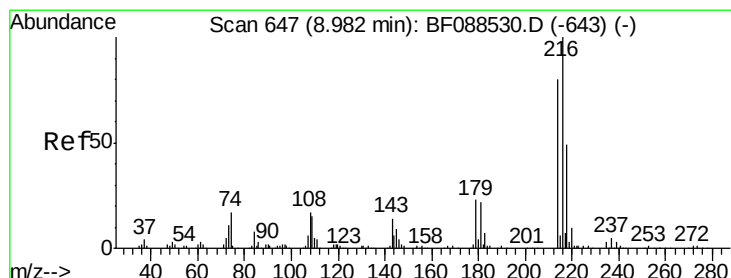
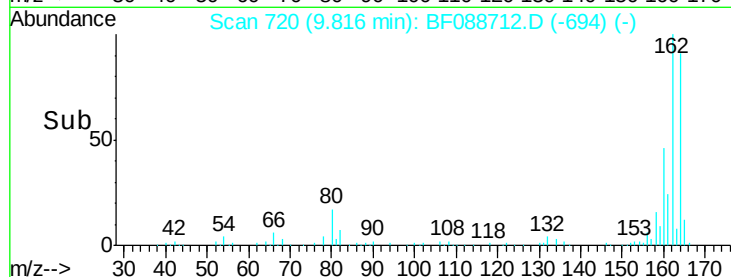
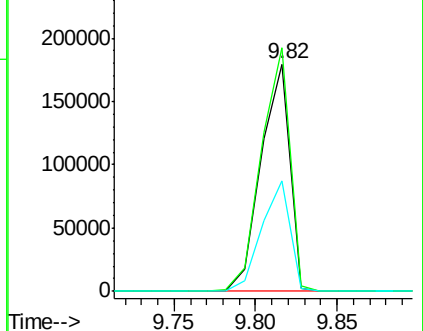
160 48.8 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.30 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Tgt Ion:216 Resp: 243178

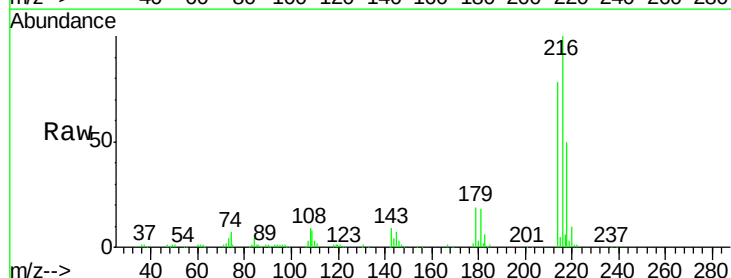
Ion Ratio Lower Upper

216 100

214 79.4 2.9 4.3#

179 22.7 0.0 0.0#

108 23.0 0.5 0.7#

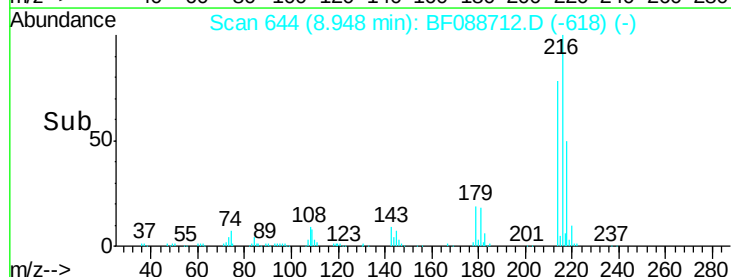
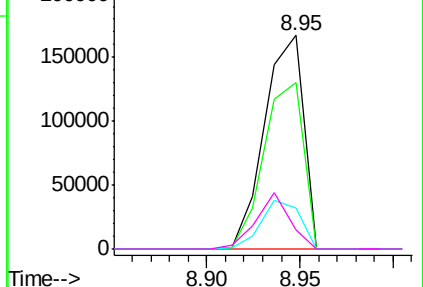


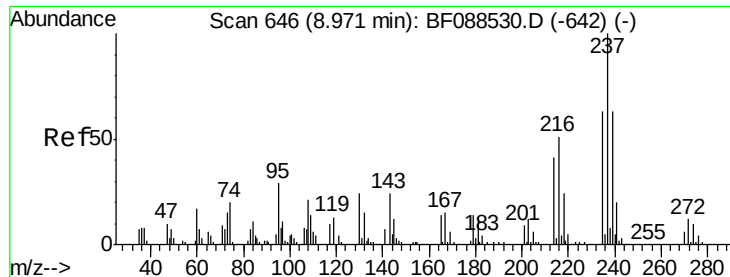
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

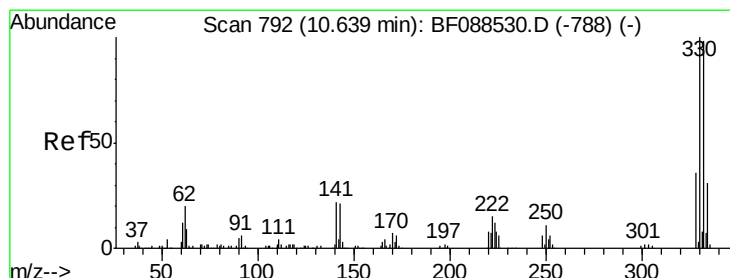
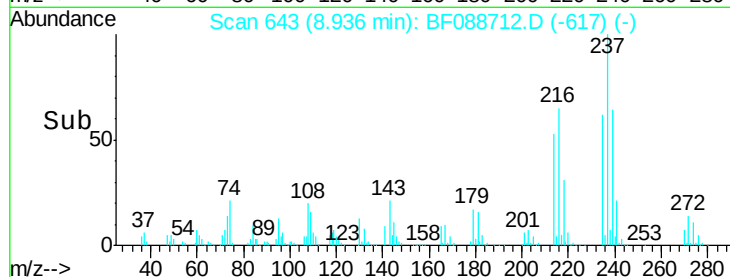
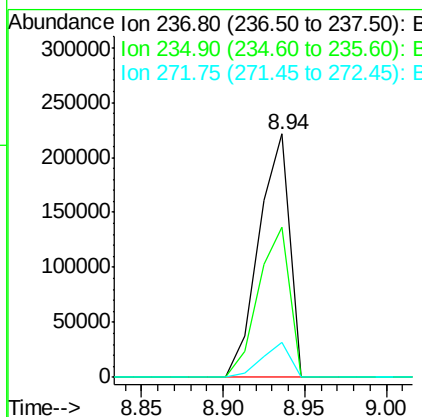
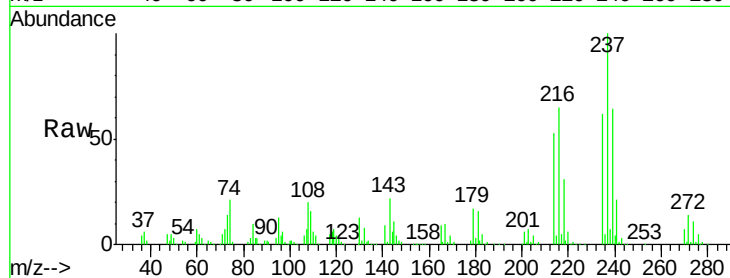




#40
Hexachlorocyclopentadiene
Concen: 80.57 ng
RT: 8.94 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

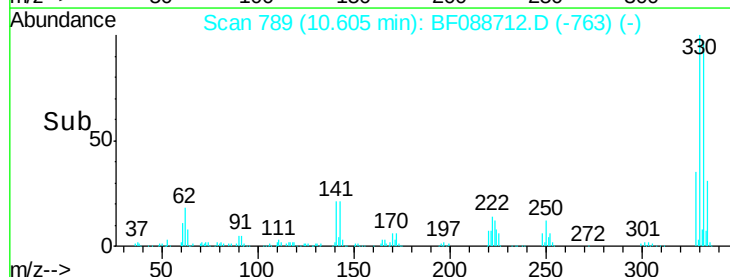
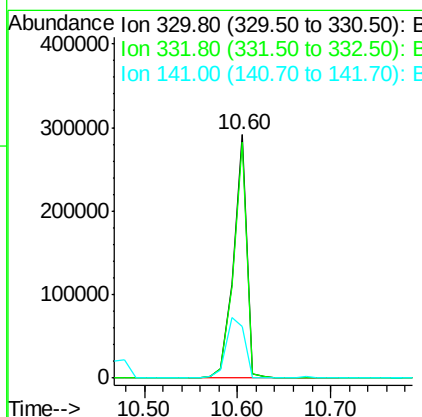
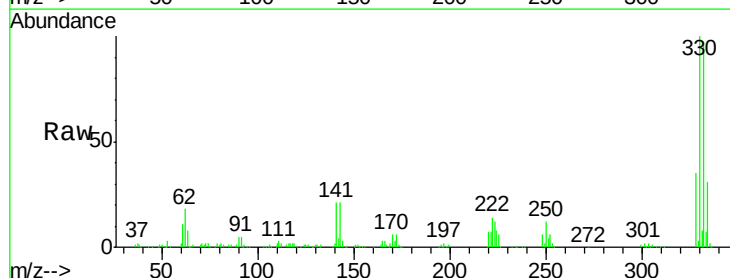
Instrument :
BNA_F
ClientSampleId :
PB91868BS

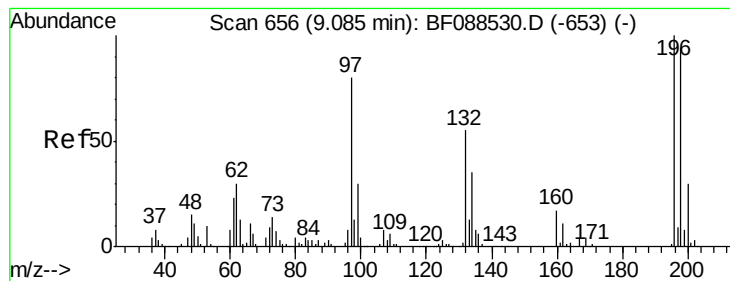
Tgt Ion:237 Resp: 288806
Ion Ratio Lower Upper
237 100
235 61.9 43.4 83.4
272 14.3 0.0 32.3



#41
2,4,6-Tribromophenol
Concen: 143.71 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:330 Resp: 293009
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 34.6 0.0 0.0#





#42

2,4,6-Trichlorophenol

Concen: 40.32 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

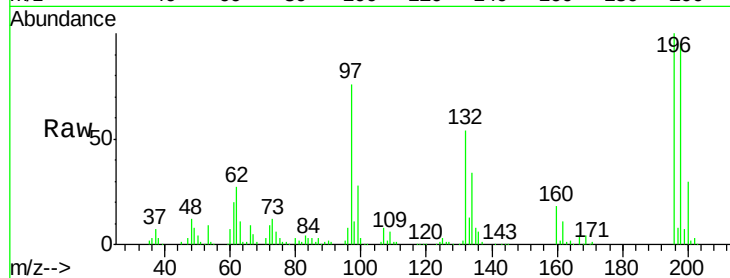
Tgt Ion:196 Resp: 194130

Ion Ratio Lower Upper

196 100

198 94.6 78.0 117.0

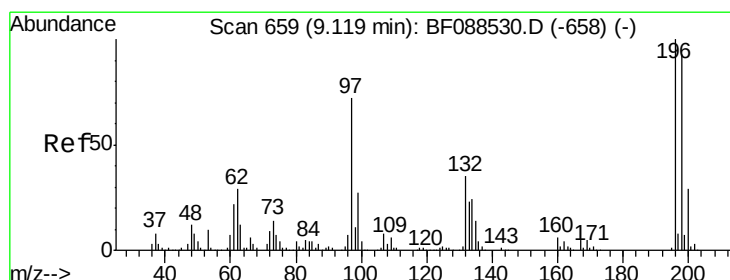
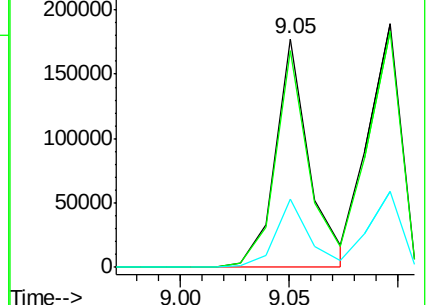
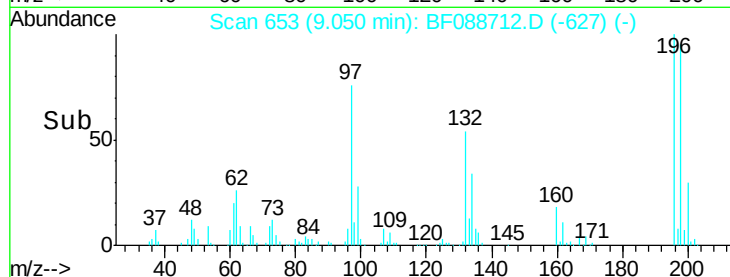
200 30.1 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 47.95 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Tgt Ion:196 Resp: 198634

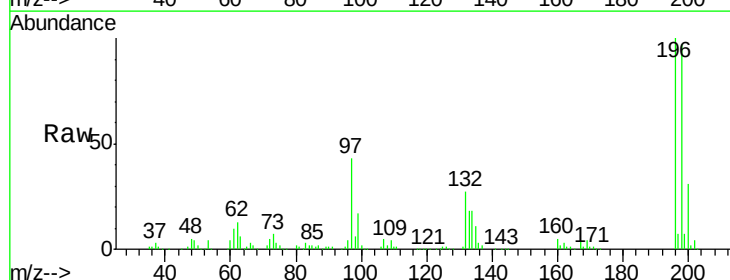
Ion Ratio Lower Upper

196 100

198 96.7 77.5 116.3

97 43.5 32.0 48.0

132 26.6 20.9 31.3

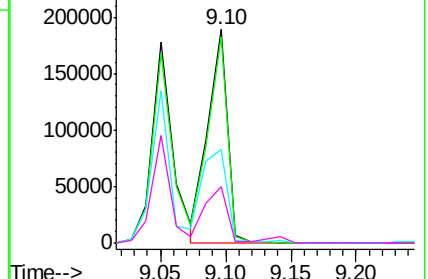
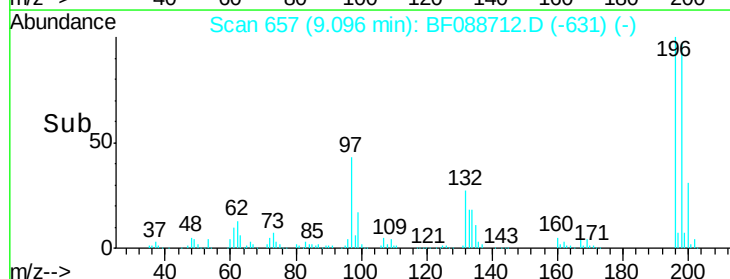


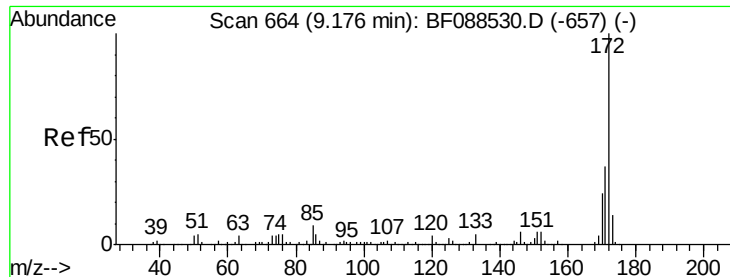
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 87.37 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

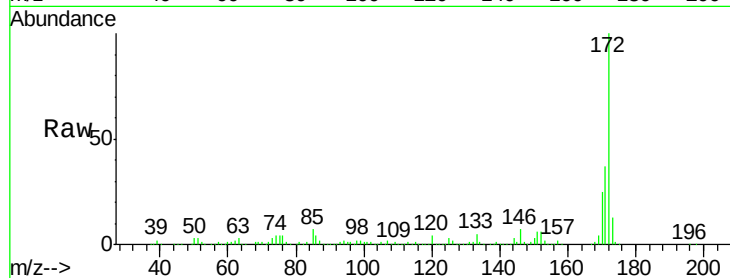
Tgt Ion:172 Resp: 1214436

Ion Ratio Lower Upper

172 100

171 36.8 28.6 43.0

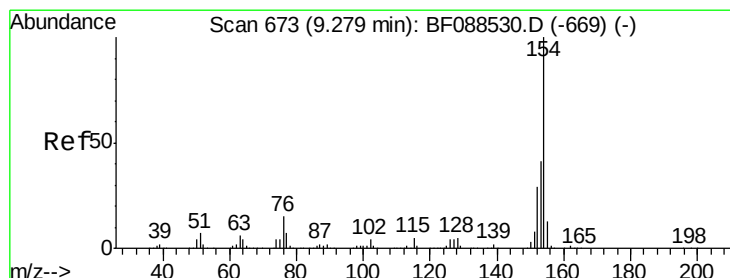
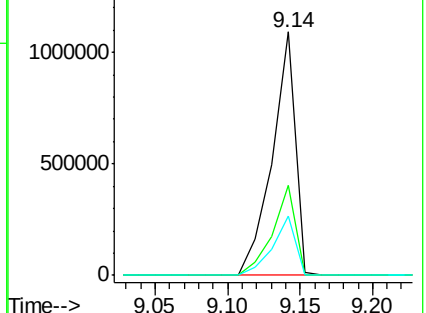
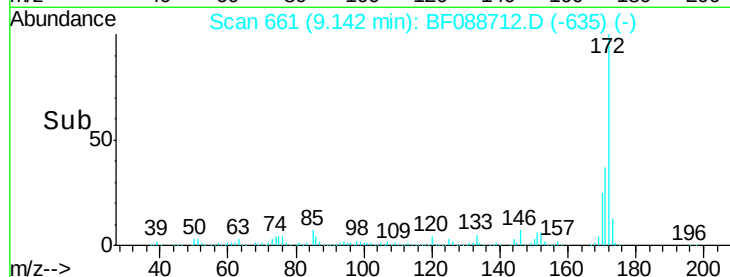
170 24.5 19.2 28.8



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: 39.16 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

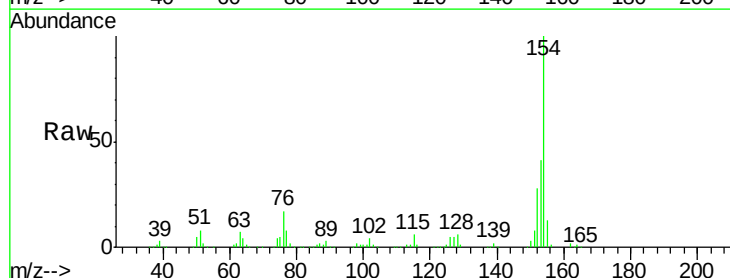
Tgt Ion:154 Resp: 712056

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

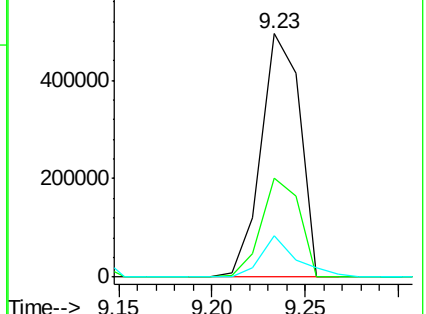
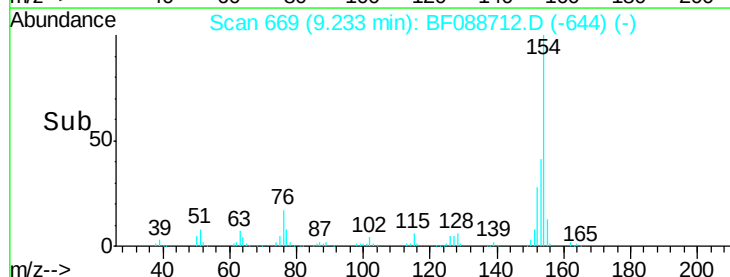
76 17.2 0.0 35.1

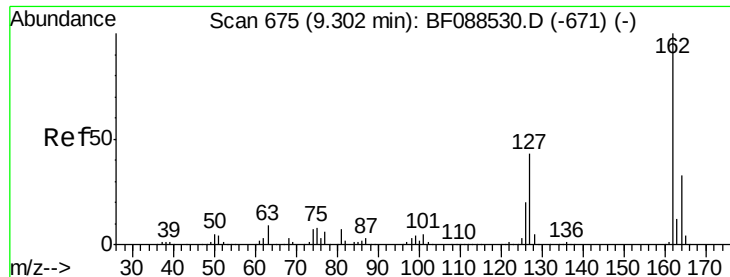


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

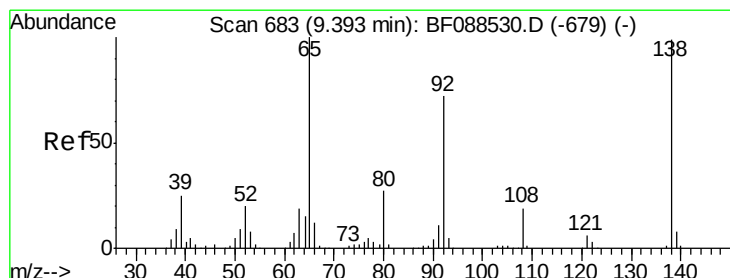
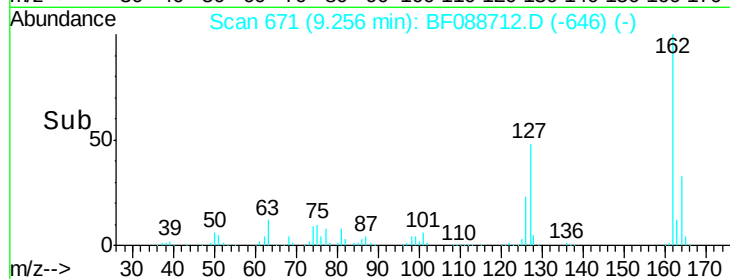
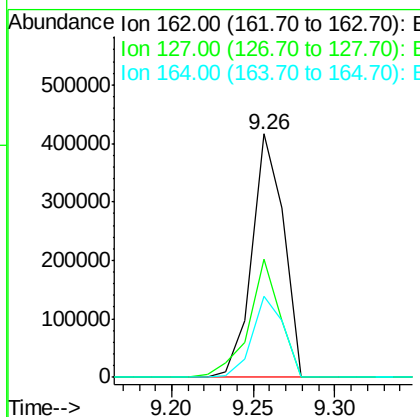
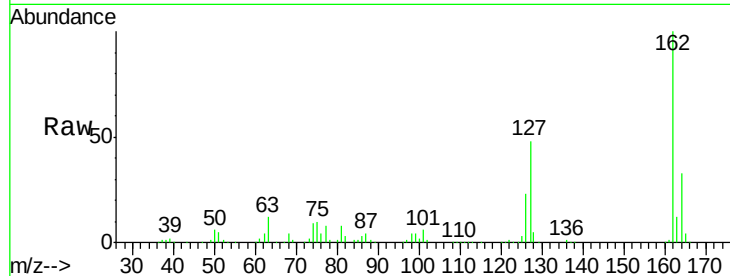




#46
 2-Chloronaphthalene
 Concen: 39.00 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

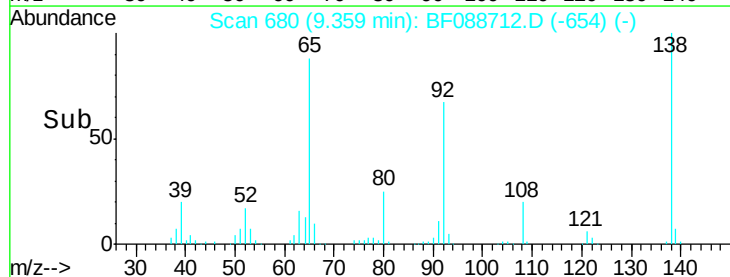
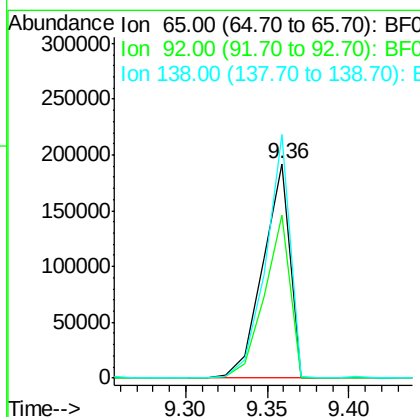
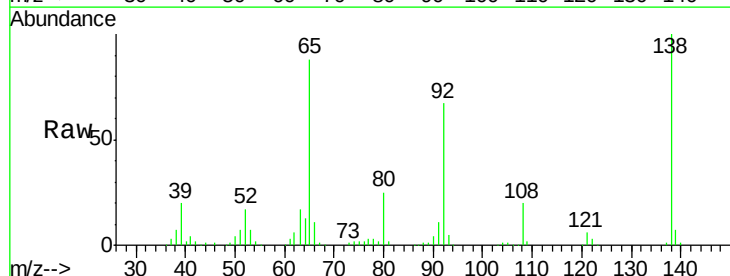
Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

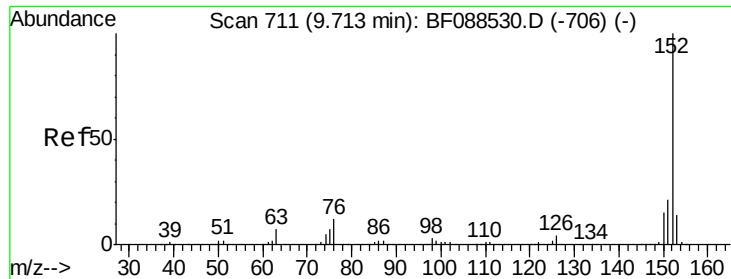
Tgt Ion: 162 Resp: 556722
 Ion Ratio Lower Upper
 162 100
 127 48.3 35.2 52.8
 164 33.2 26.6 39.8



#47
 2-Nitroaniline
 Concen: 43.69 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion: 65 Resp: 221287
 Ion Ratio Lower Upper
 65 100
 92 76.1 54.6 82.0
 138 113.4 77.0 115.4





#48

Acenaphthylene

Concen: 42.18 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

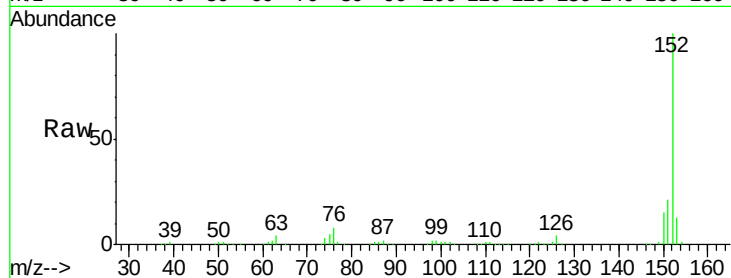
Tgt Ion:152 Resp: 958032

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

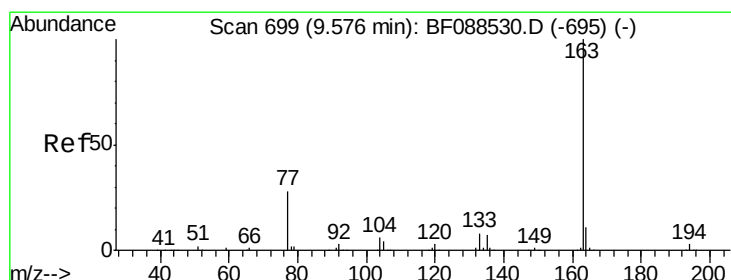
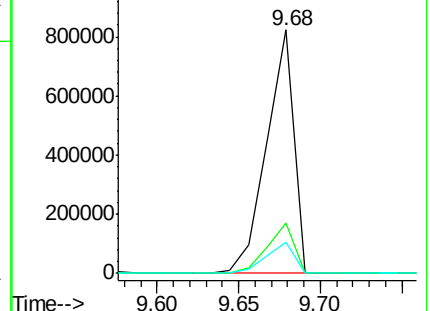
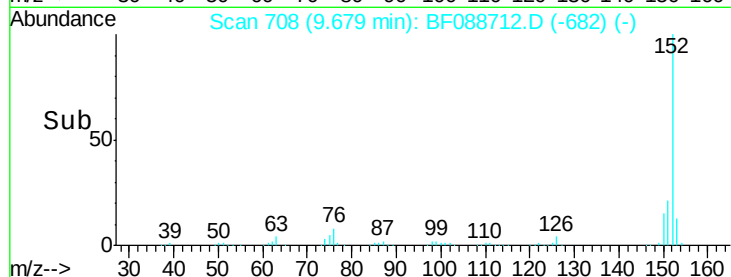
153 13.0 11.0 16.6



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: 42.22 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

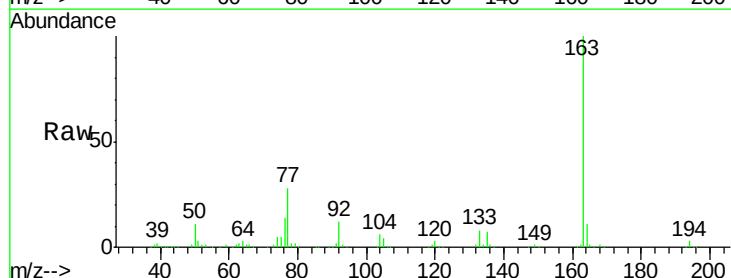
Tgt Ion:163 Resp: 660492

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

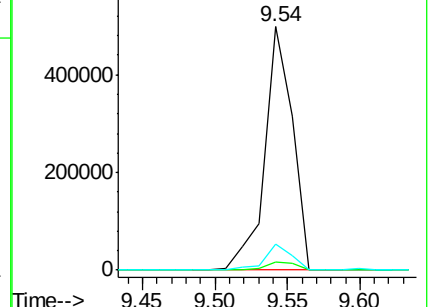
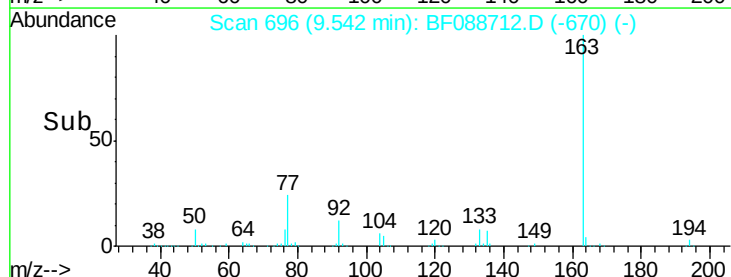
164 10.6 8.3 12.5

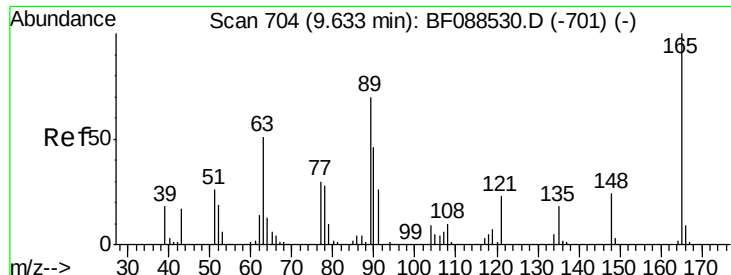


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

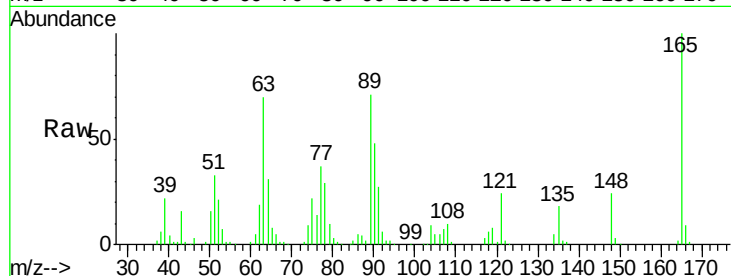




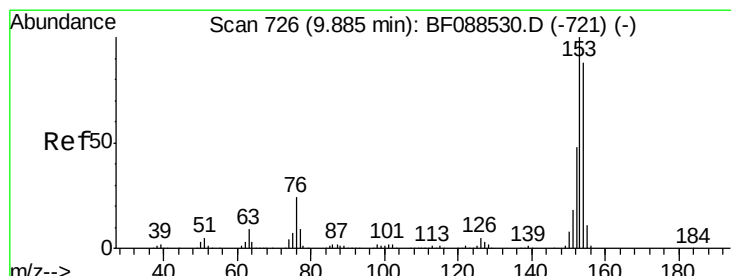
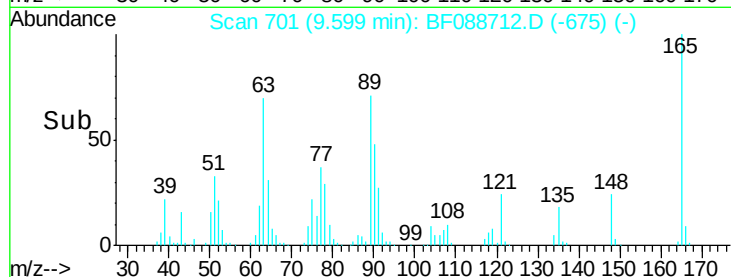
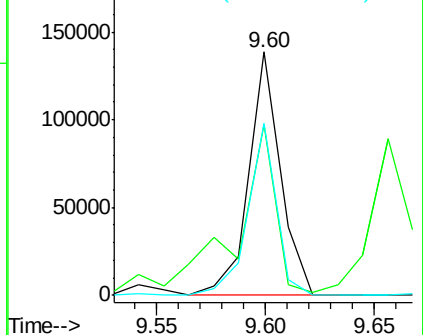
#50
2,6-Dinitrotoluene
Concen: 40.59 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tgt Ion:165 Resp: 140728
Ion Ratio Lower Upper
165 100
63 70.3 28.1 42.1#
89 70.7 32.2 48.2#

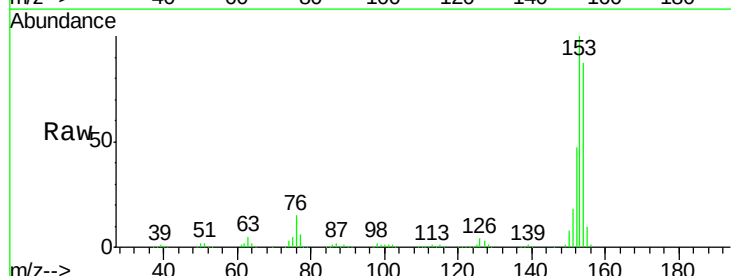


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

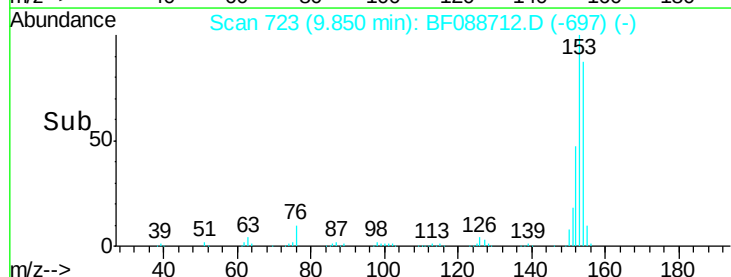
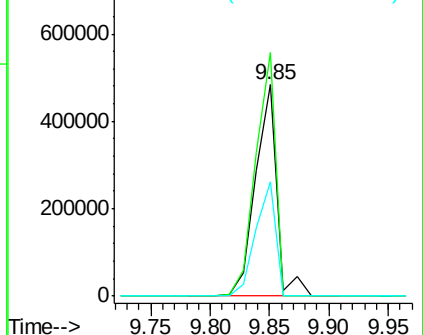


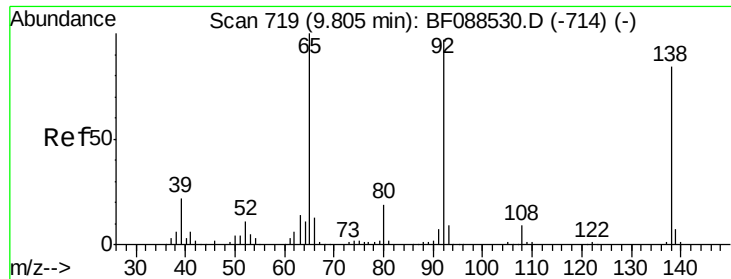
#51
Acenaphthene
Concen: 43.72 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:154 Resp: 608616
Ion Ratio Lower Upper
154 100
153 115.3 89.5 134.3
152 54.4 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: 22.92 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

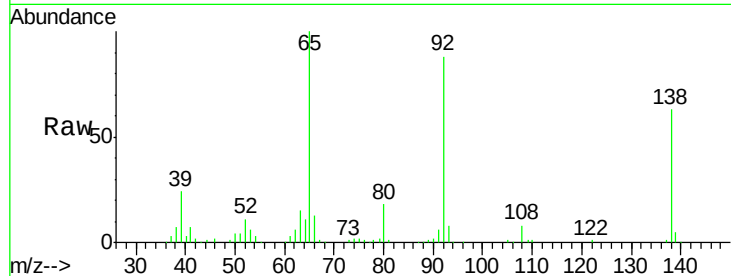
Tgt Ion:138 Resp: 100994

Ion Ratio Lower Upper

138 100

108 12.2 8.5 12.7

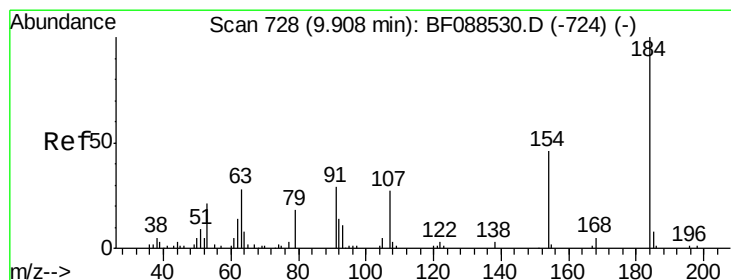
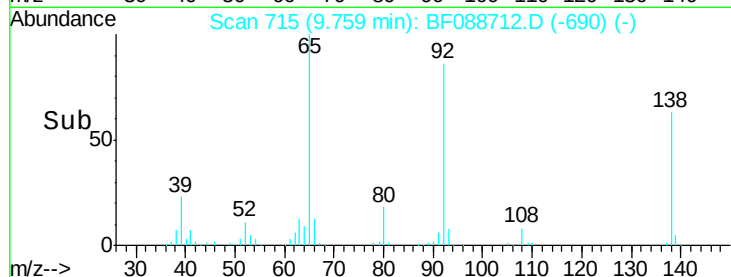
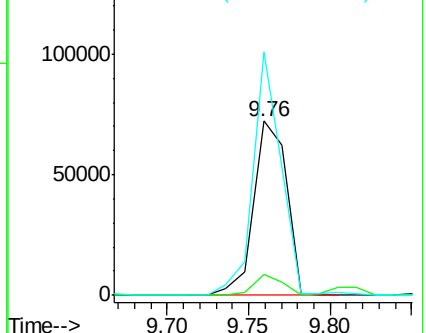
92 140.0 95.7 143.5



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): E



#53

2,4-Dinitrophenol

Concen: 39.02 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

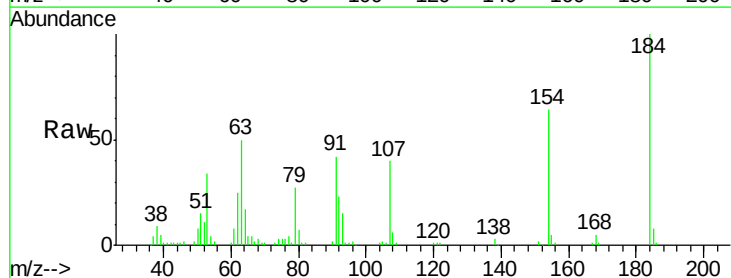
Tgt Ion:184 Resp: 59724

Ion Ratio Lower Upper

184 100

63 50.0 57.6 86.4#

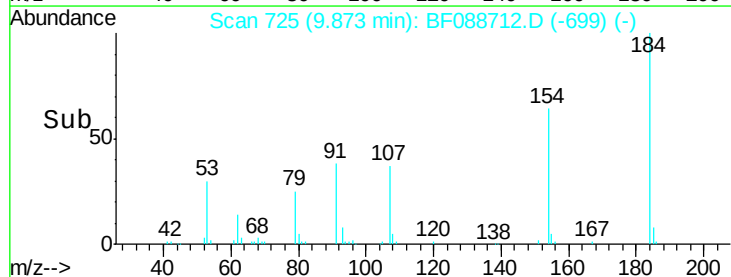
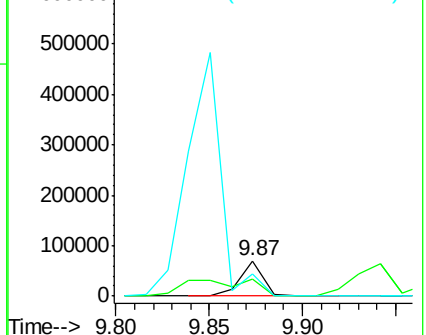
154 63.9 53.5 80.3

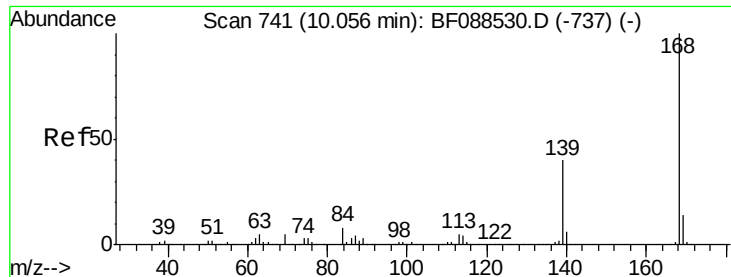


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

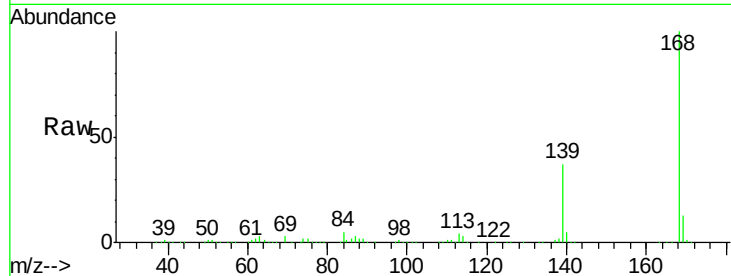




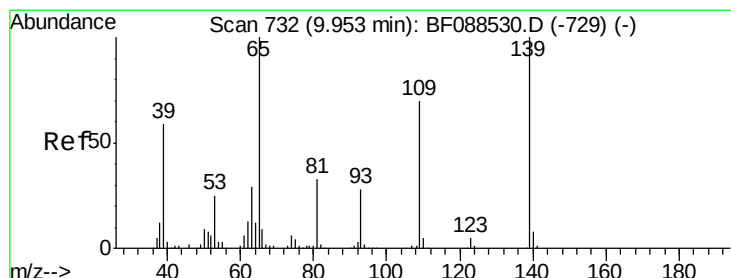
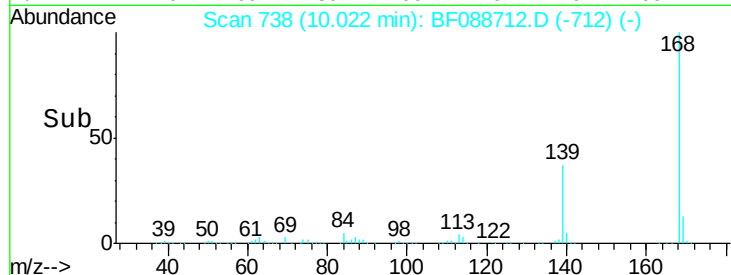
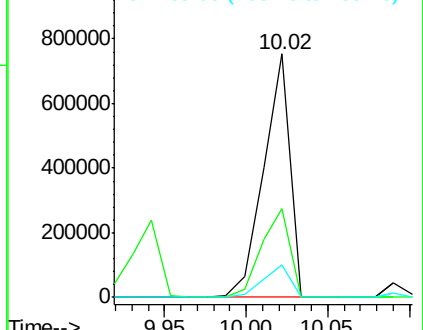
#54
Dibenzenofuran
Concen: 46.17 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tgt Ion:168 Resp: 841275
Ion Ratio Lower Upper
168 100
139 36.5 26.4 39.6
169 13.1 10.4 15.6

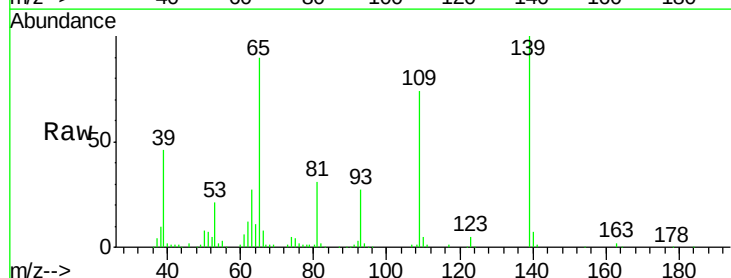


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

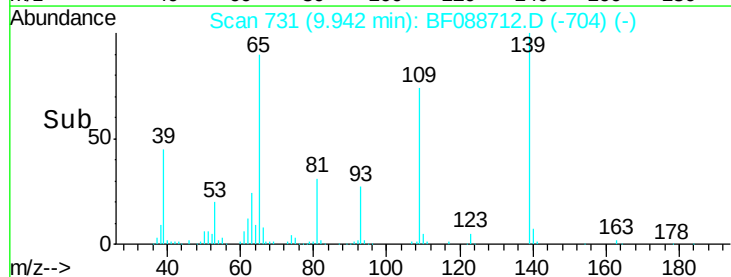
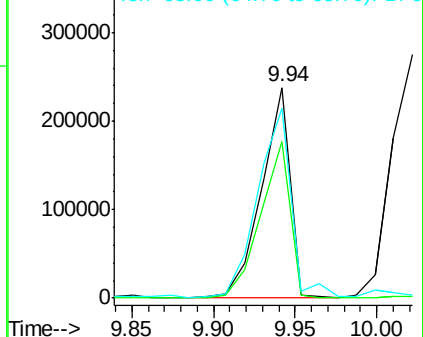


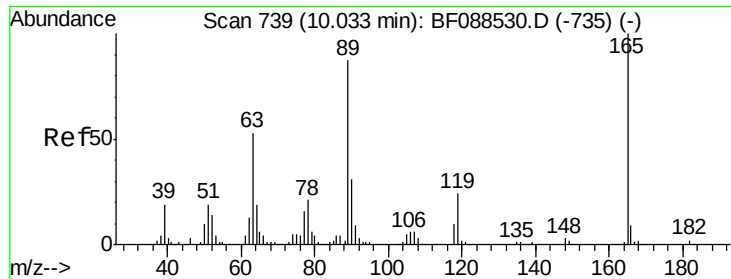
#55
4-Nitrophenol
Concen: 86.96 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:139 Resp: 291254
Ion Ratio Lower Upper
139 100
109 74.3 48.9 88.9
65 90.0 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: 45.21 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

Tgt Ion:165 Resp: 204933

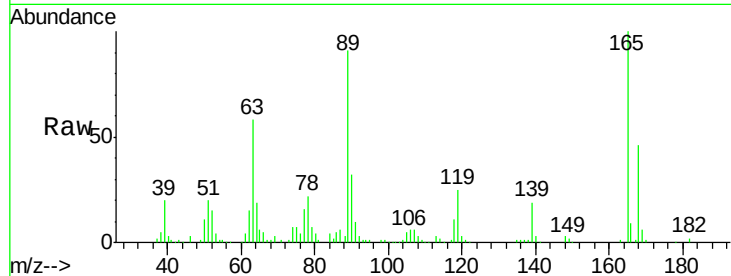
Ion Ratio Lower Upper

165 100

63 57.6 22.0 33.0#

89 90.6 41.1 61.7#

182 2.3 2.0 3.0

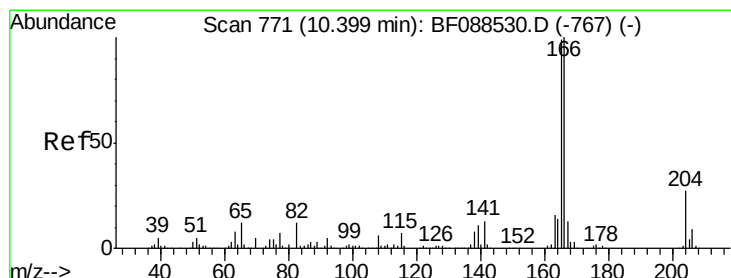
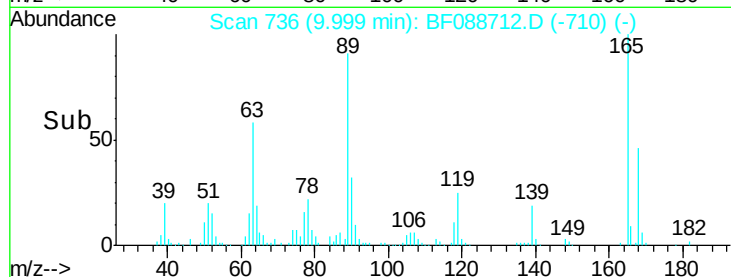
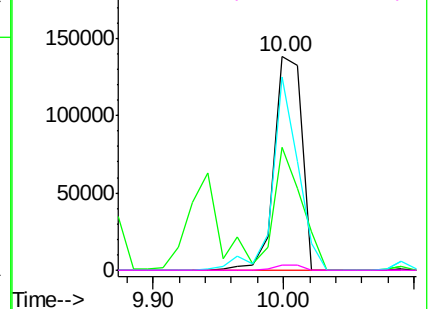


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.64 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

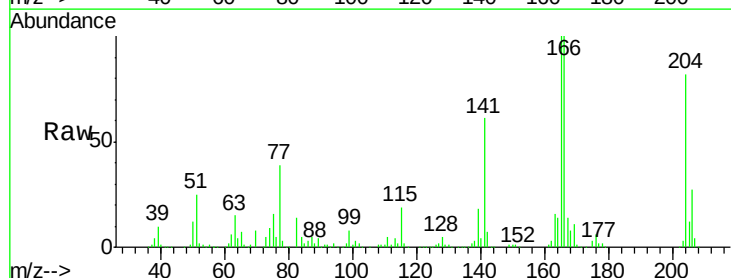
Tgt Ion:166 Resp: 584683

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

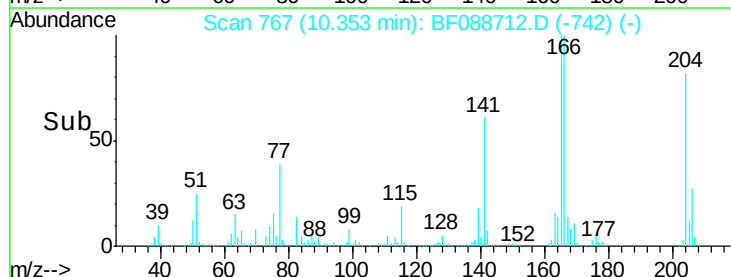
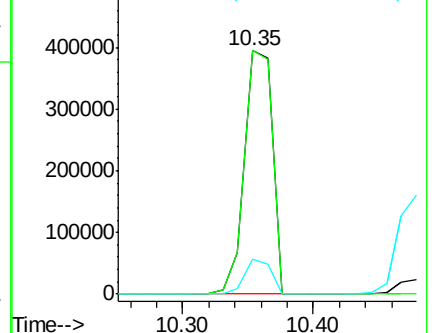
167 14.2 11.2 16.8

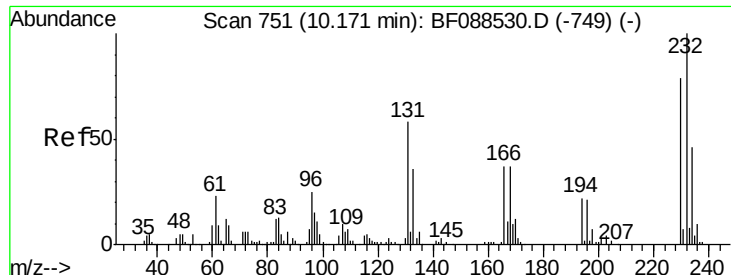


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

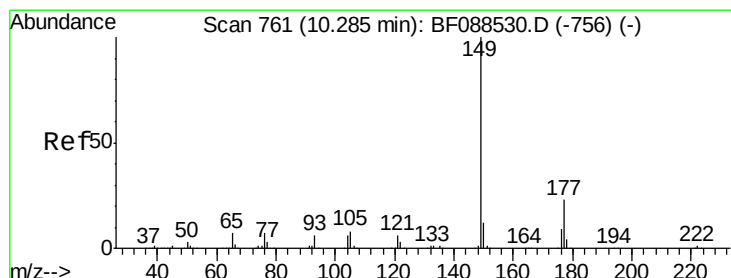
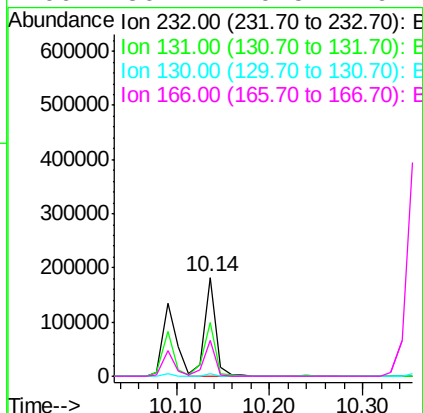
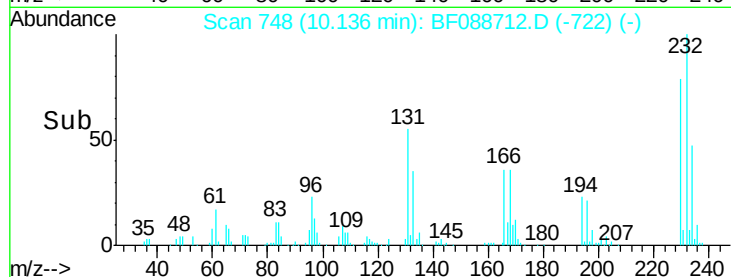
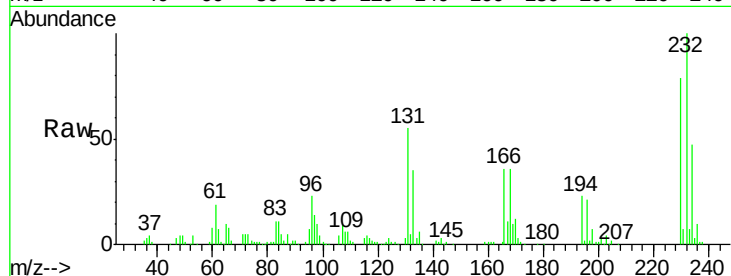




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.58 ng
 RT: 10.14 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

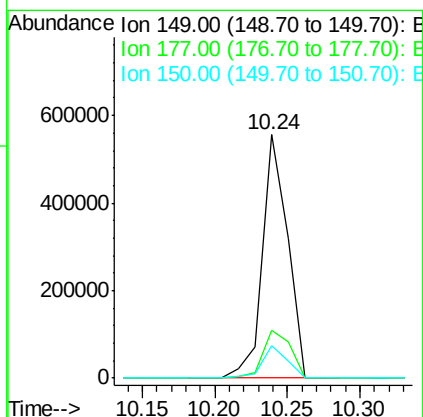
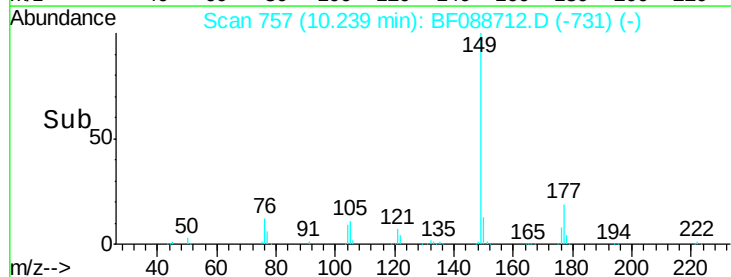
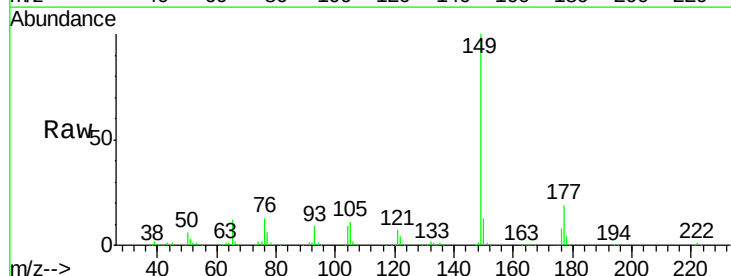
Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

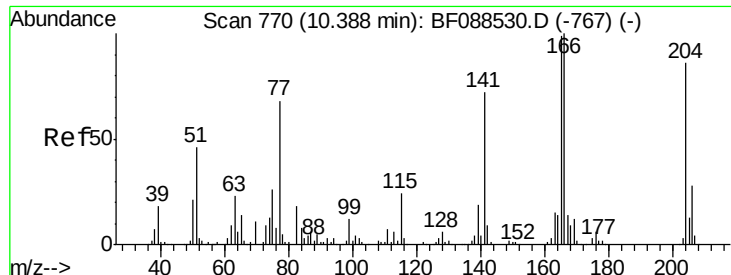
Tgt Ion: 232 Resp: 155705
 Ion Ratio Lower Upper
 232 100
 131 56.7 0.9 1.3#
 130 2.7 1.5 2.3#
 166 36.7 0.5 0.7#



#59
 Diethylphthalate
 Concen: 42.37 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion: 149 Resp: 665150
 Ion Ratio Lower Upper
 149 100
 177 19.4 16.9 25.3
 150 13.1 10.1 15.1

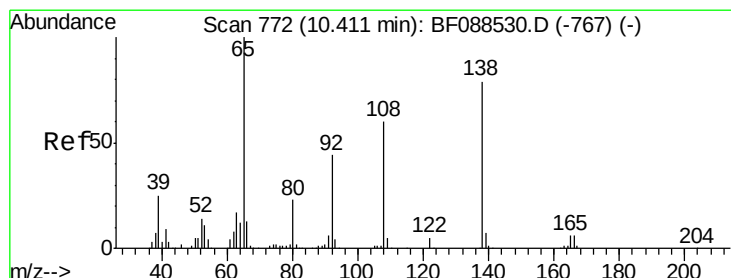
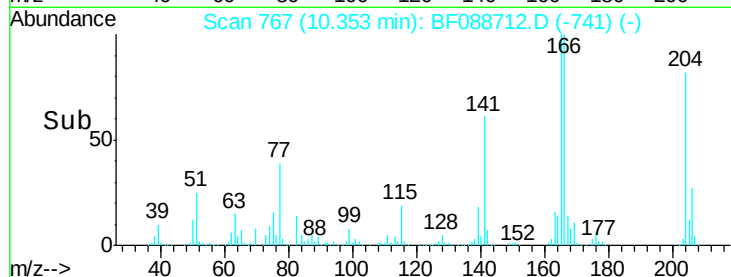
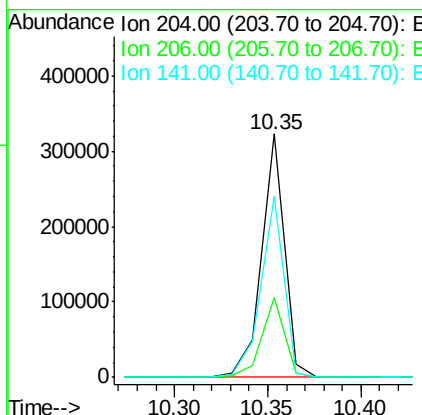
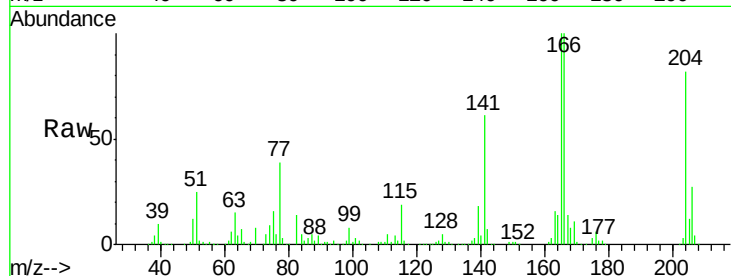




#60
 4-Chlorophenyl-phenylether
 Concen: 41.40 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

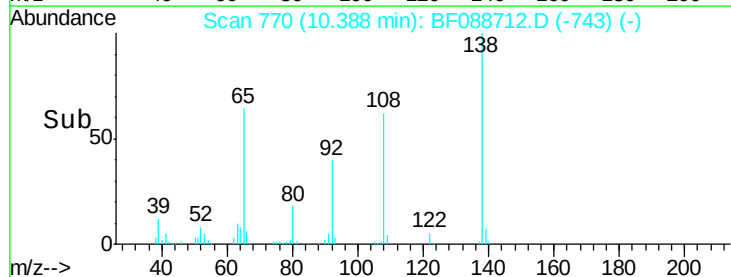
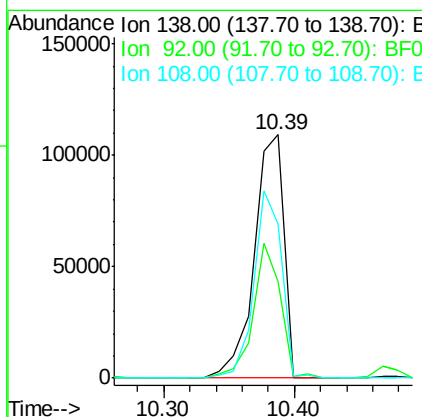
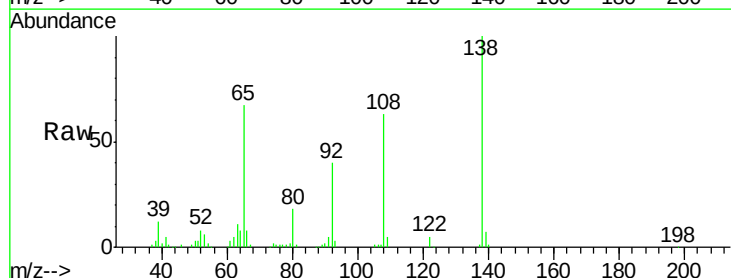
Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

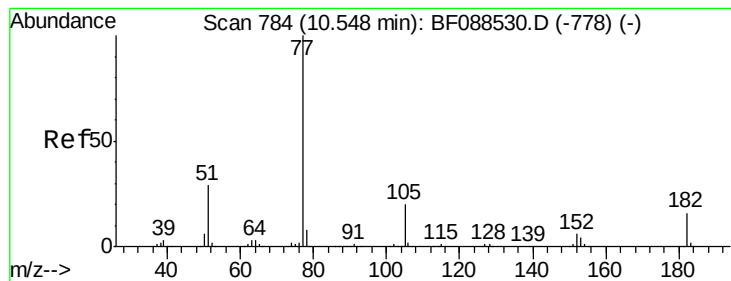
Tgt Ion:204 Resp: 270122
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.3 39.5
 141 74.1 55.0 82.6



#61
 4-Nitroaniline
 Concen: 40.91 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion:138 Resp: 173513
 Ion Ratio Lower Upper
 138 100
 92 39.6 27.3 67.3
 108 63.1 46.7 86.7





#62

Azobenzene

Concen: 45.83 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

Tgt Ion: 77 Resp: 820590

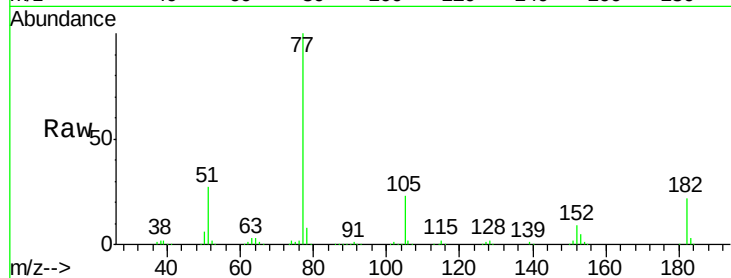
Ion Ratio Lower Upper

77 100

182 22.3 4.4 44.4

105 22.6 3.8 43.8

51 27.0 9.3 49.3

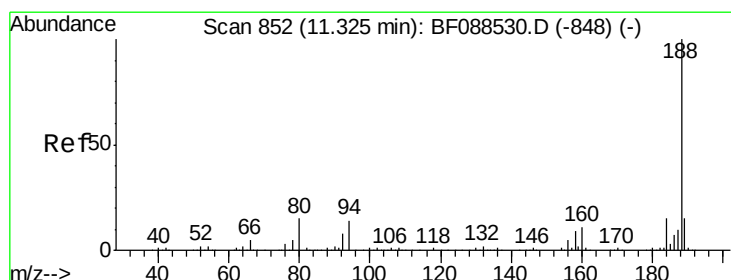
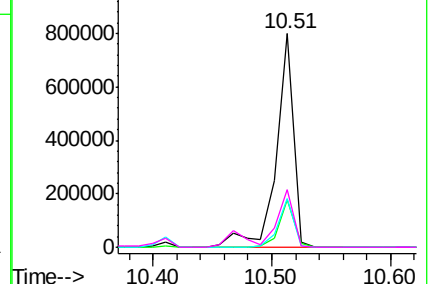
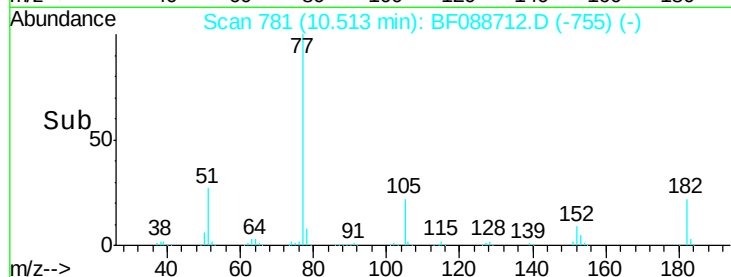


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF088712.D

Acq: 5 Jul 2016 19:41

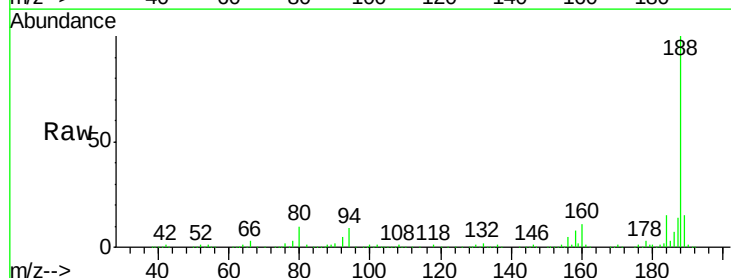
Tgt Ion: 188 Resp: 416275

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.6

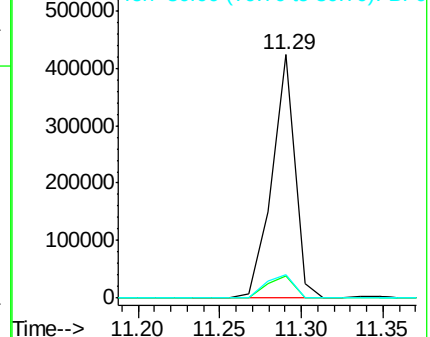
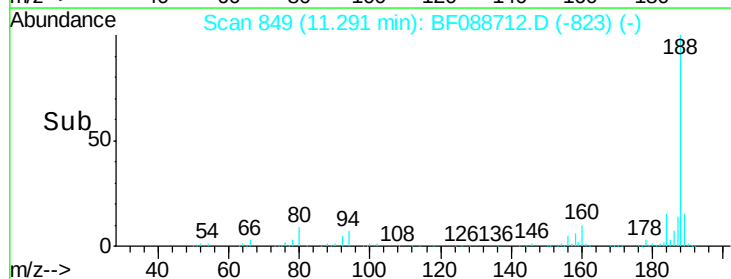
80 9.8 10.0 15.0#

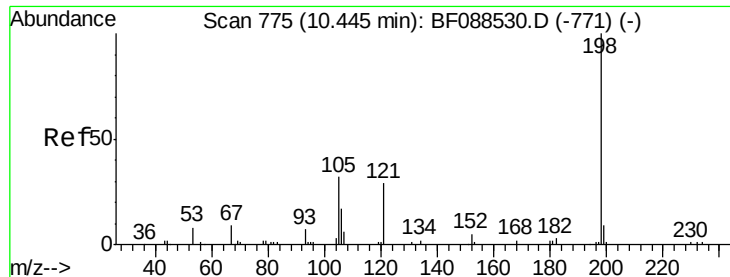


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

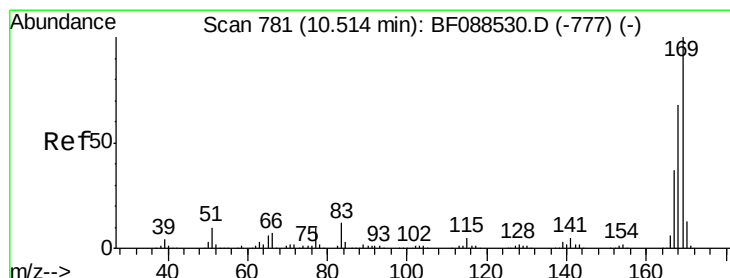
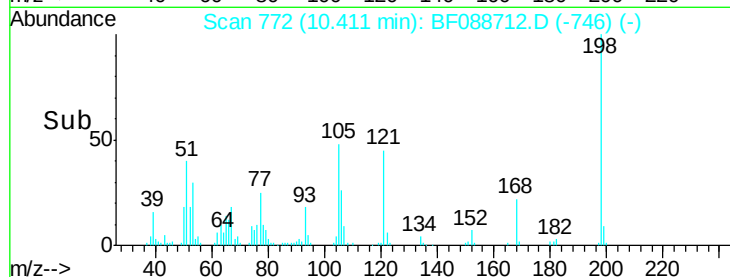
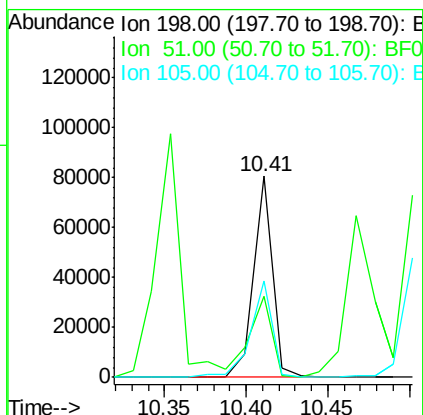
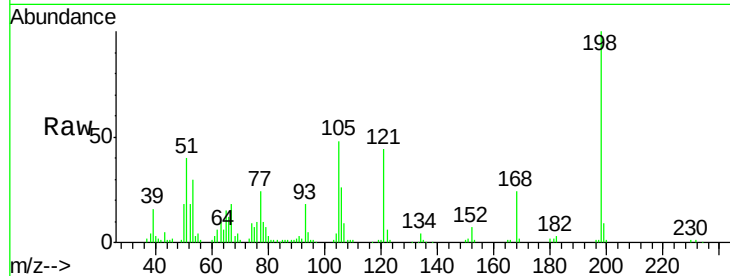




#64
4,6-Dinitro-2-methylphenol
Concen: 29.04 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

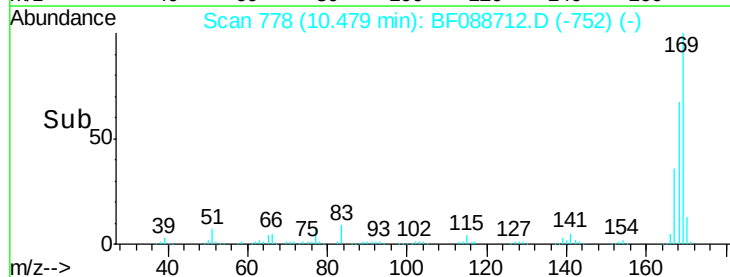
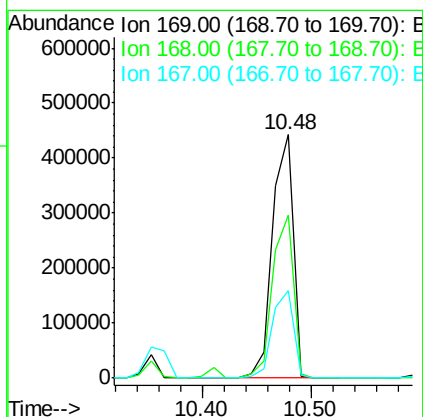
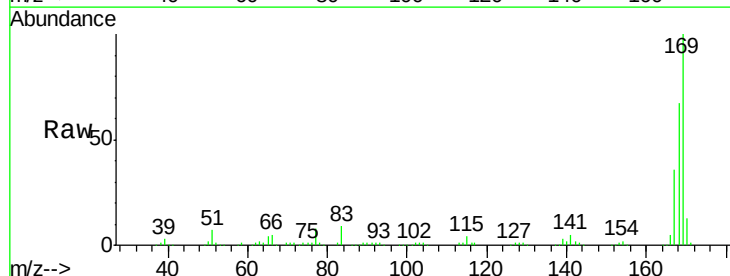
Instrument :
BNA_F
ClientSampleId :
PB91868BS

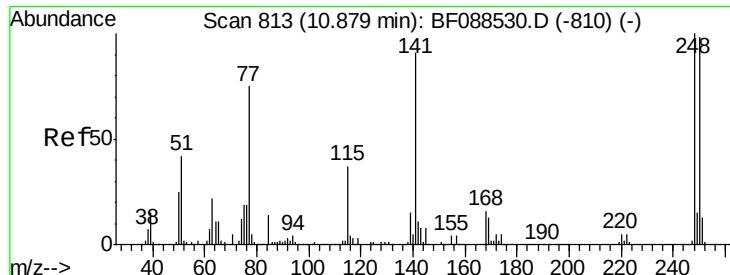
Tgt Ion:198 Resp: 64664
Ion Ratio Lower Upper
198 100
51 40.3 39.6 79.6
105 48.0 36.6 76.6



#65
n-Nitrosodiphenylamine
Concen: 41.54 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:169 Resp: 585191
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.1 29.4 44.0

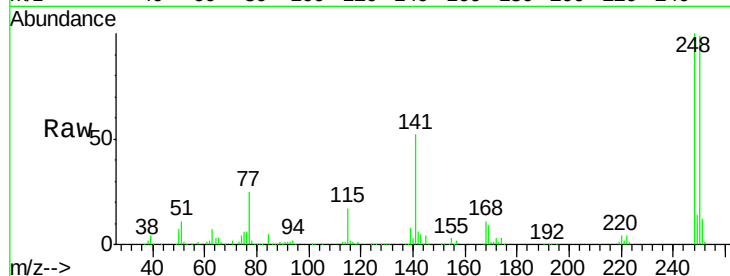




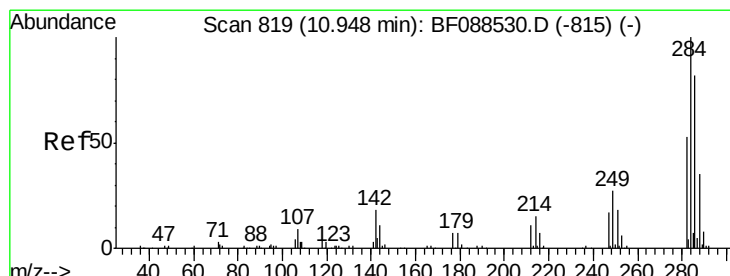
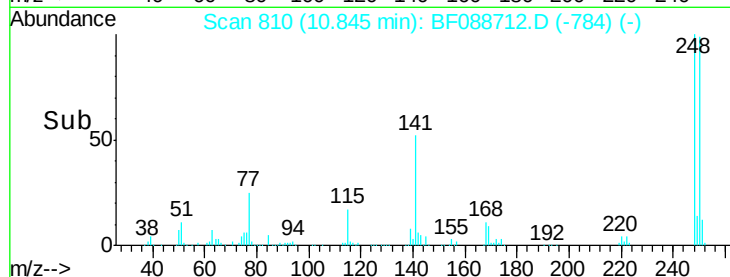
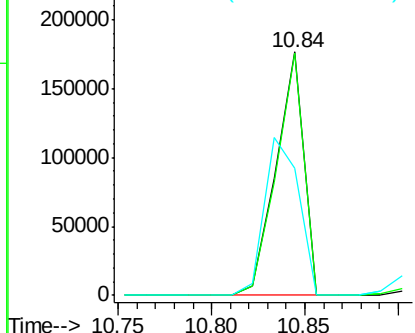
#66
4-Bromophenyl-phenylether
Concen: 44.15 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tgt Ion:248 Resp: 185227
Ion Ratio Lower Upper
248 100
250 99.4 77.1 115.7
141 52.0 50.6 76.0

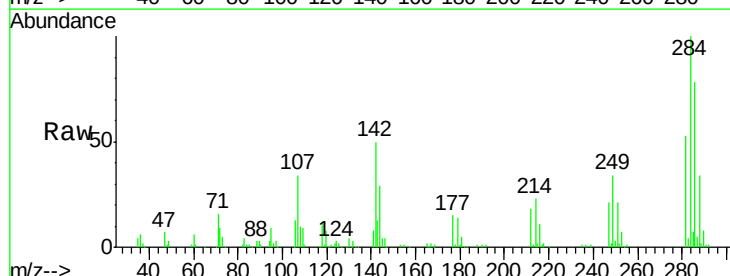


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

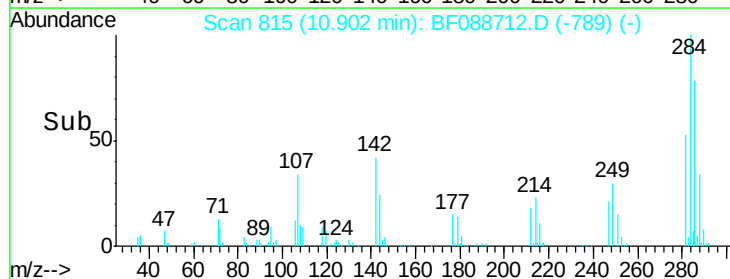
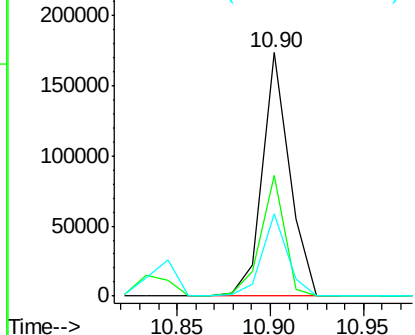


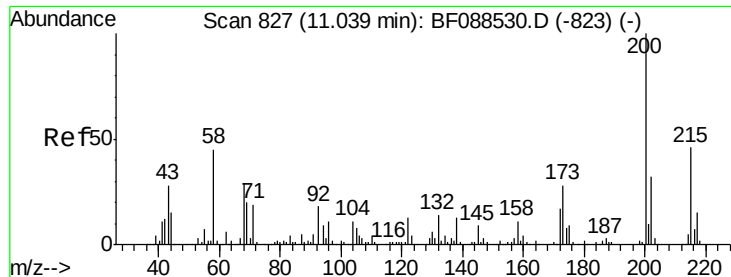
#67
Hexachlorobenzene
Concen: 37.34 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:284 Resp: 173397
Ion Ratio Lower Upper
284 100
142 49.5 35.8 53.8
249 33.8 25.8 38.6



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

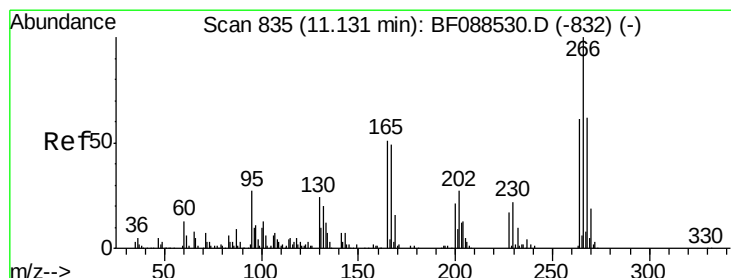
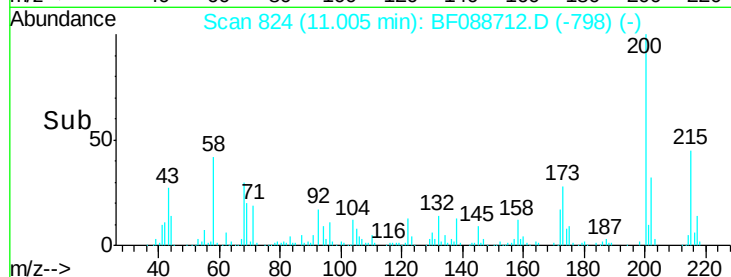
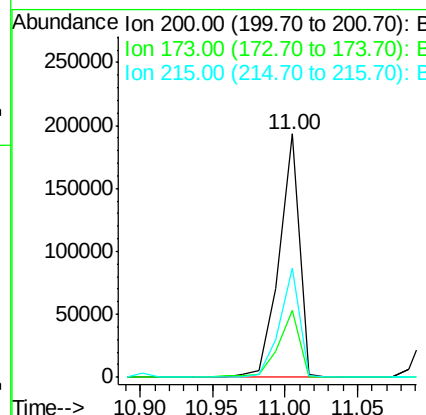
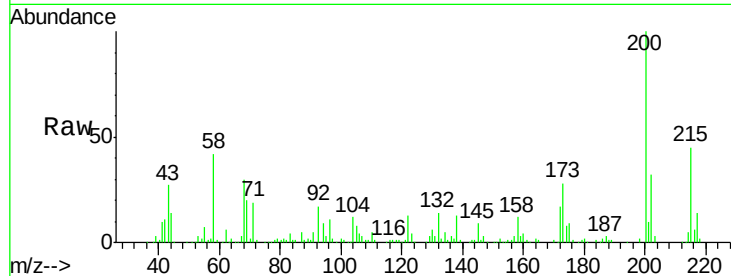




#68
Atrazine
Concen: 42.74 ng
RT: 11.00 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

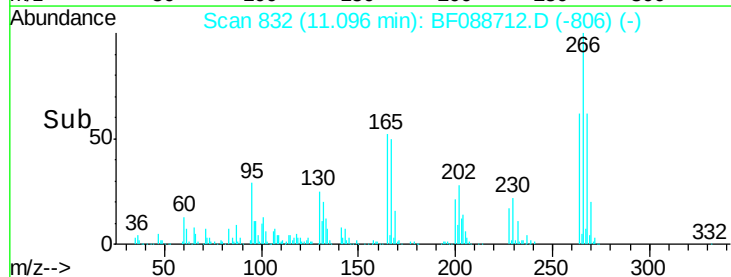
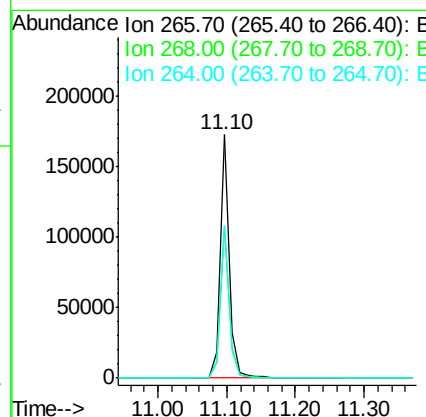
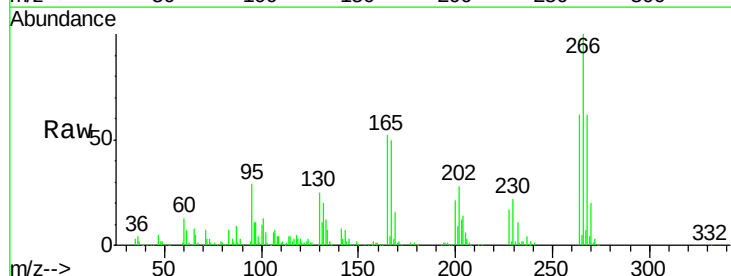
Instrument :
BNA_F
ClientSampleId :
PB91868BS

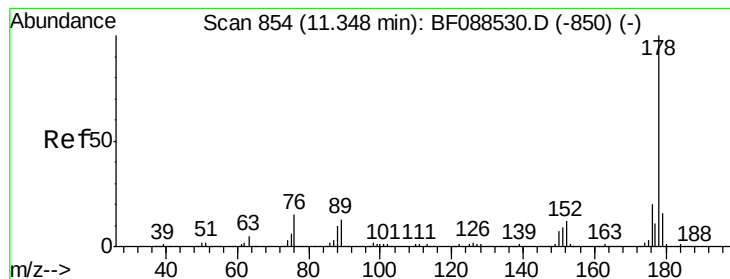
Tgt Ion:200 Resp: 187649
Ion Ratio Lower Upper
200 100
173 27.8 4.0 44.0
215 44.9 29.3 69.3



#69
Pentachlorophenol
Concen: 58.40 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:266 Resp: 160490
Ion Ratio Lower Upper
266 100
268 62.0 52.8 79.2
264 62.5 49.6 74.4





#70

Phenanthrene

Concen: 38.02 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

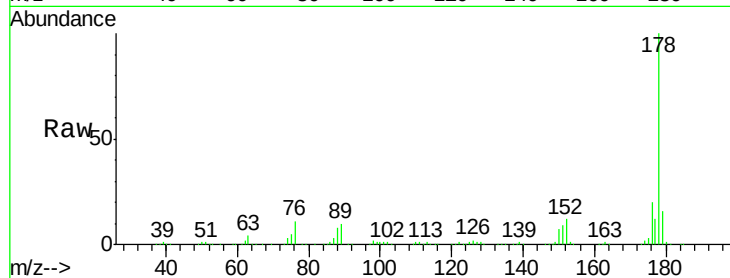
Tgt Ion:178 Resp: 865184

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

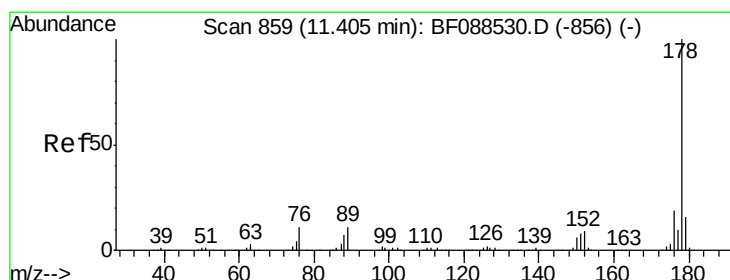
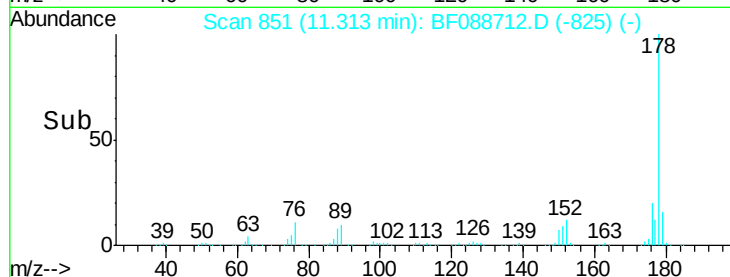
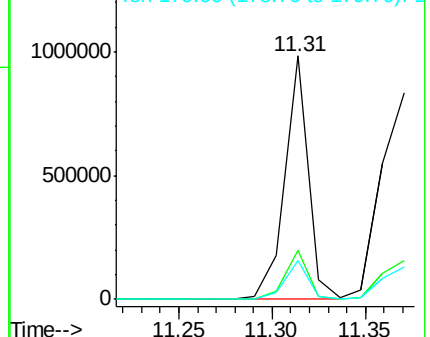
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 43.37 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

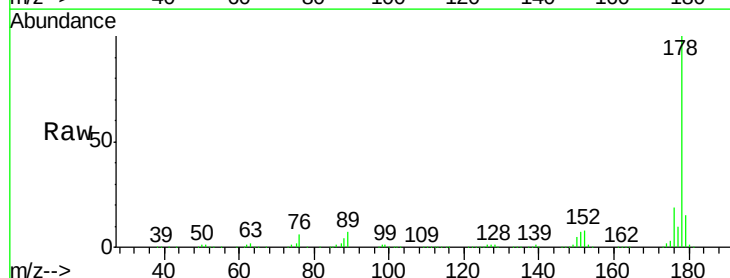
Tgt Ion:178 Resp: 981280

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

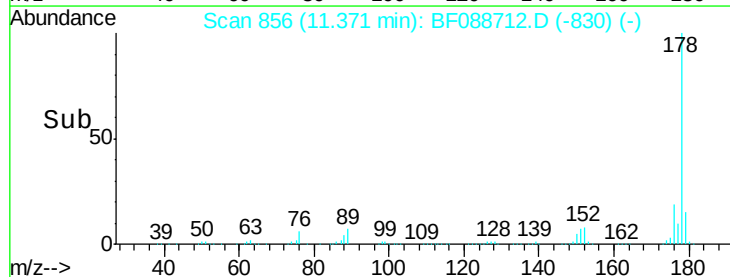
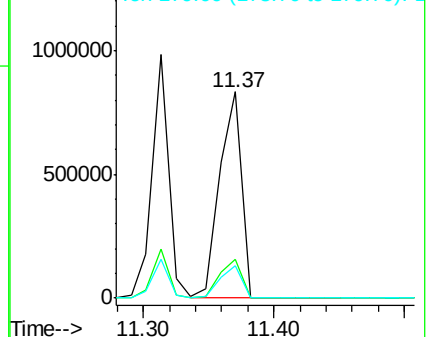
179 15.5 12.8 19.2

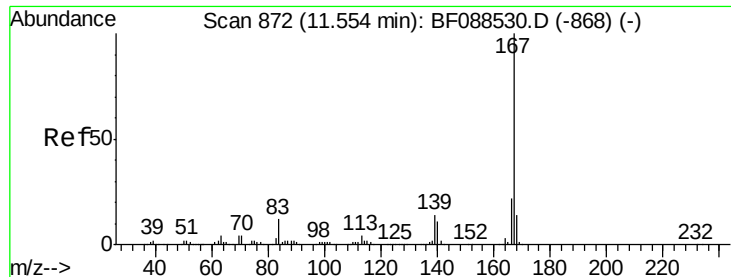


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

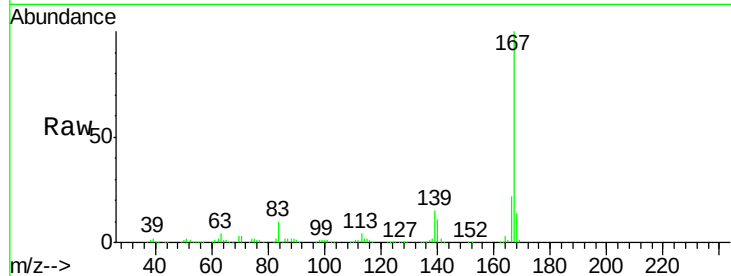




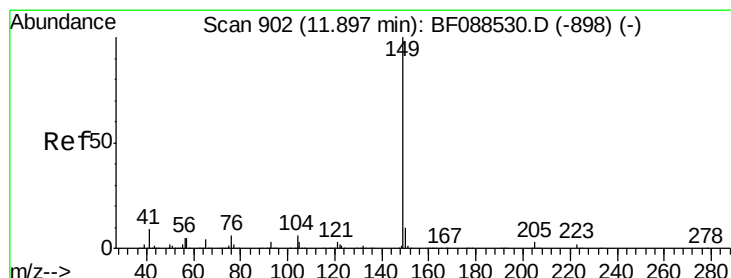
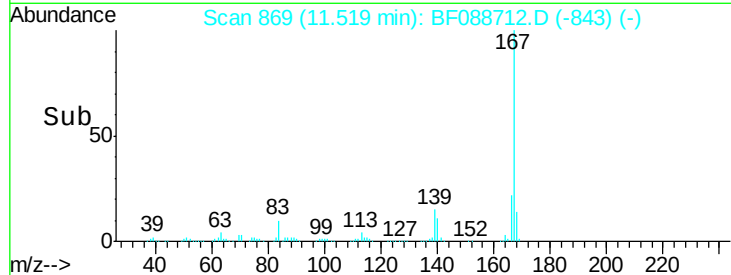
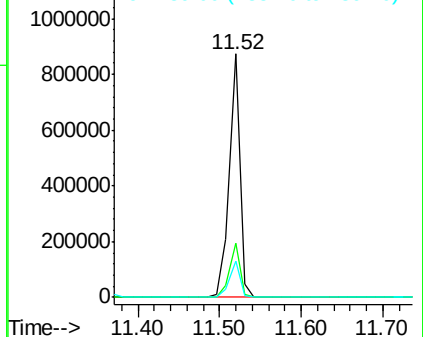
#72
 Carbazole
 Concen: 36.86 ng
 RT: 11.52 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

Tgt Ion:167 Resp: 784965
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.9 11.2 16.8

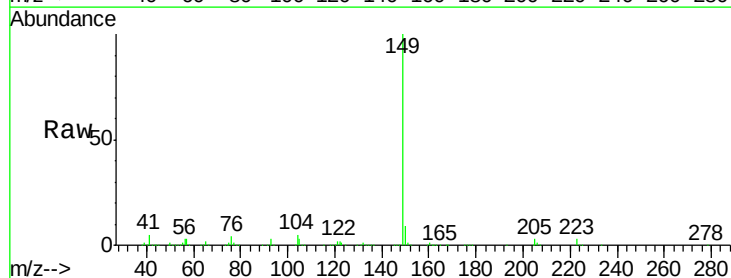


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

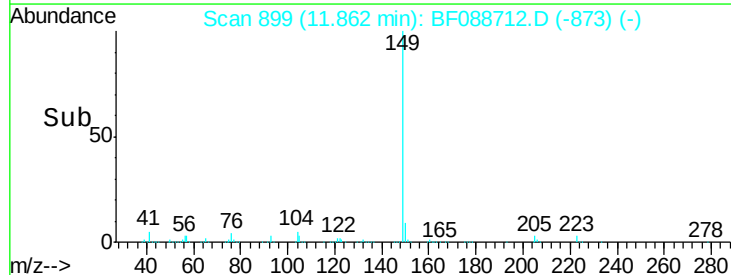
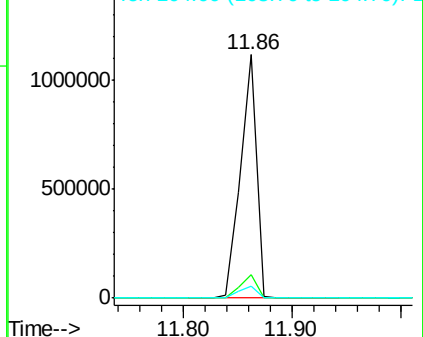


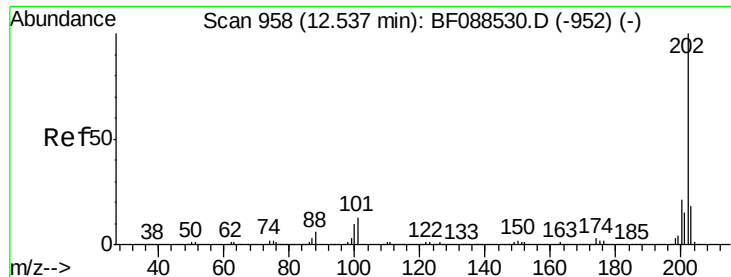
#73
 Di-n-butylphthalate
 Concen: 45.08 ng
 RT: 11.86 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion:149 Resp: 1116560
 Ion Ratio Lower Upper
 149 100
 150 9.4 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

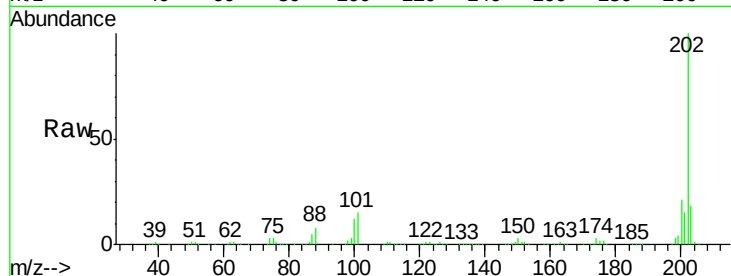




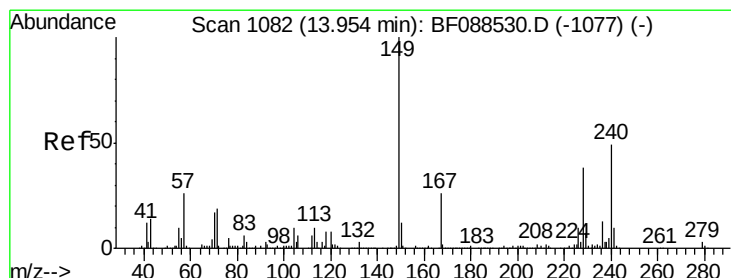
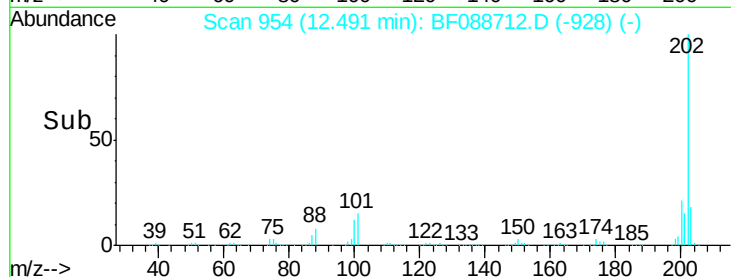
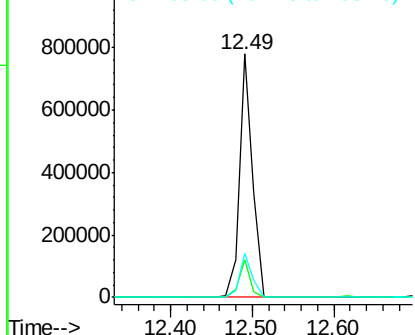
#74
Fluoranthene
Concen: 36.92 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tgt Ion:202 Resp: 851630
Ion Ratio Lower Upper
202 100
101 15.5 0.0 33.1
203 18.1 0.0 38.1

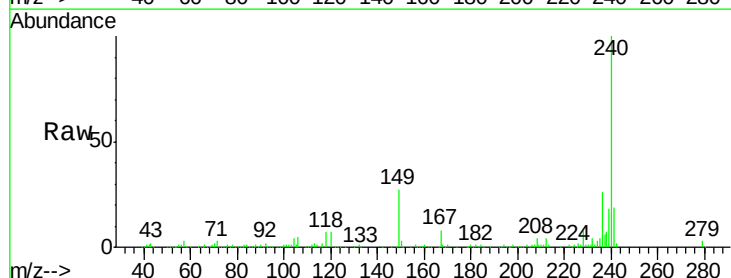


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

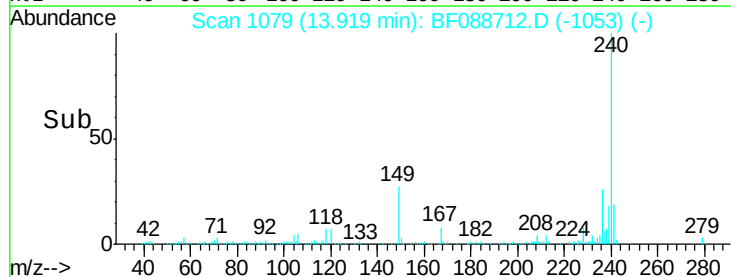
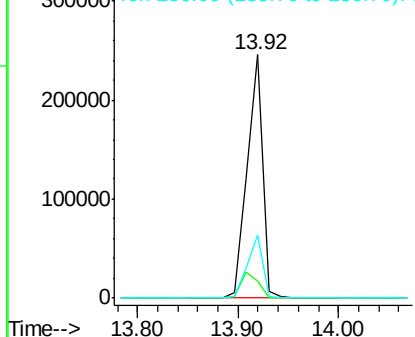


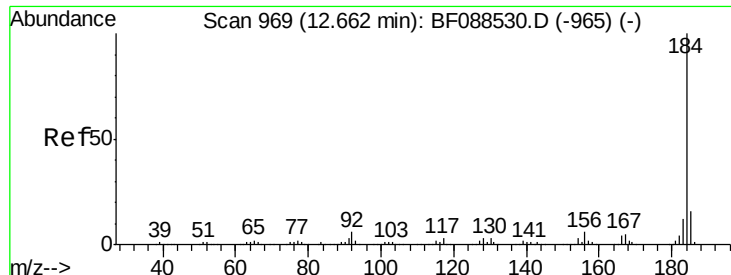
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:240 Resp: 262513
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 25.7 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

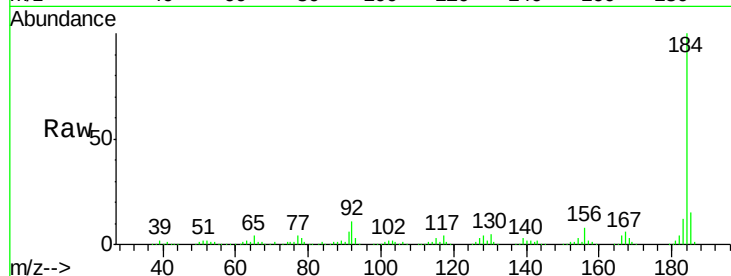




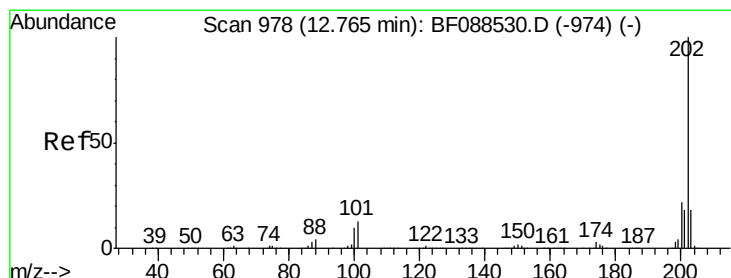
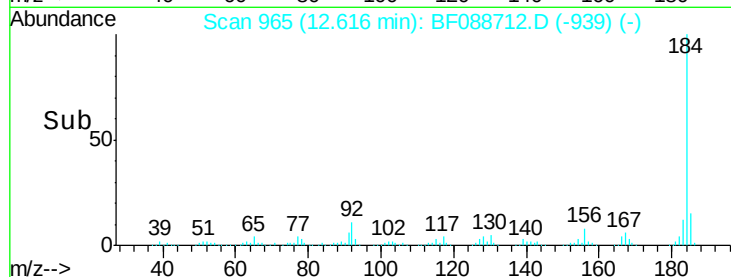
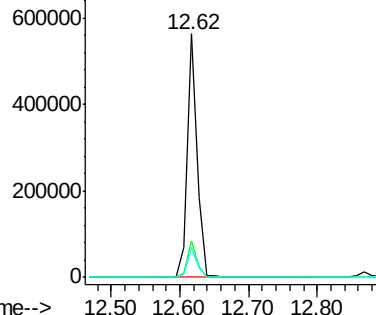
#76
Benzidine
Concen: 43.11 ng
RT: 12.62 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tgt Ion:184 Resp: 572016
Ion Ratio Lower Upper
184 100
185 14.6 12.5 18.7
183 12.1 9.3 13.9

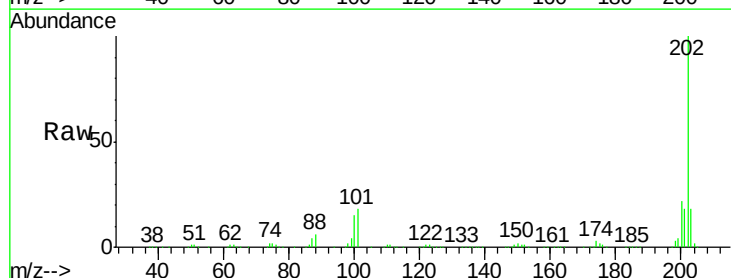


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

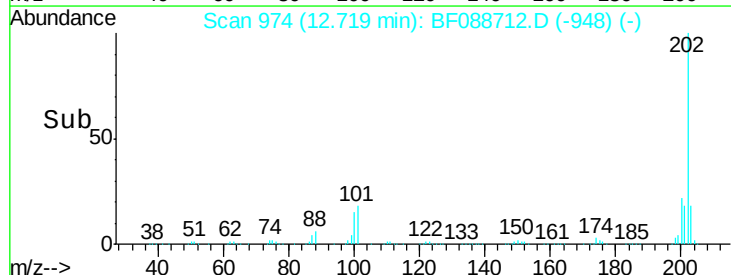
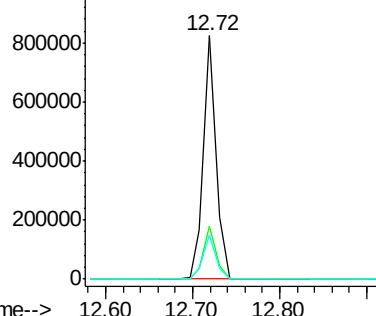


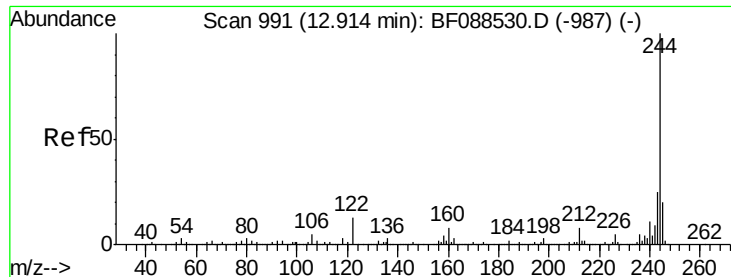
#77
Pyrene
Concen: 37.35 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:202 Resp: 831252
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.9 14.5 21.7



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

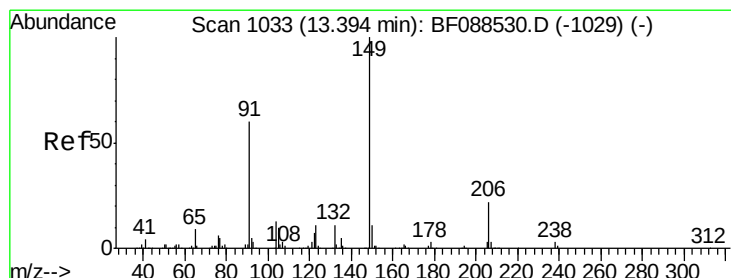
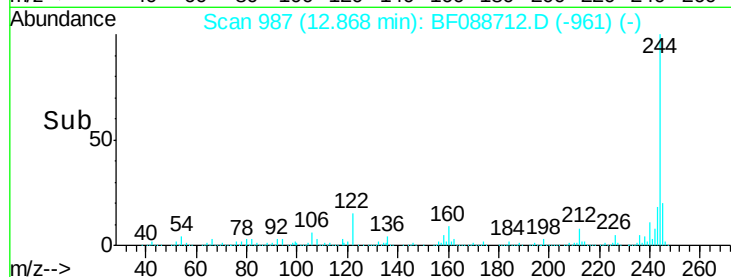
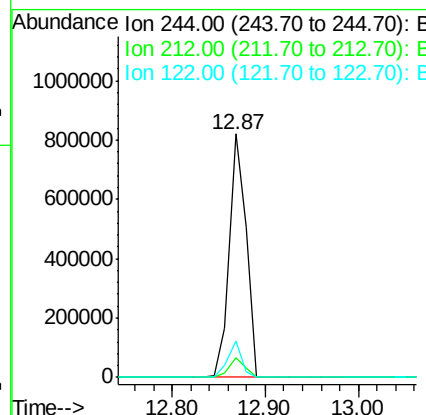
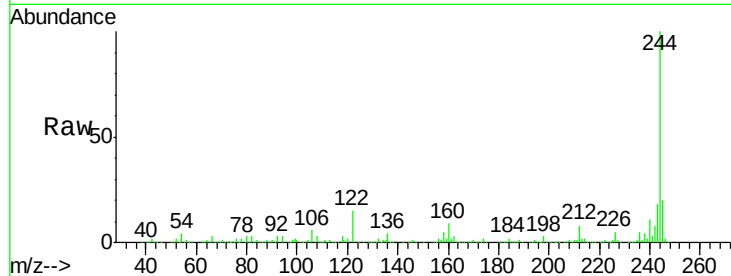




#78
 Terphenyl-d14
 Concen: 87.71 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

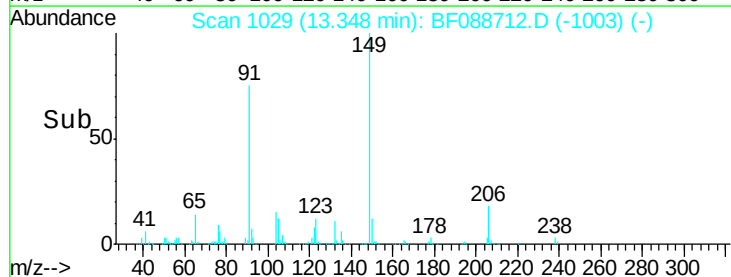
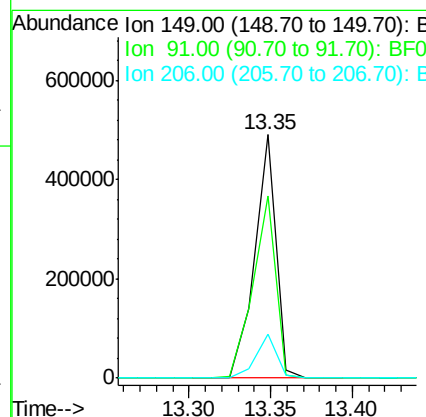
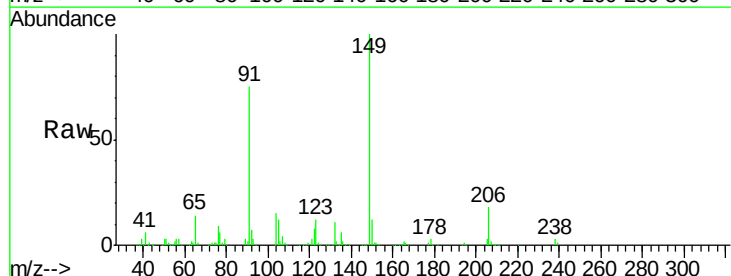
Instrument :
 BNA_F
 ClientSampleId :
 PB91868BS

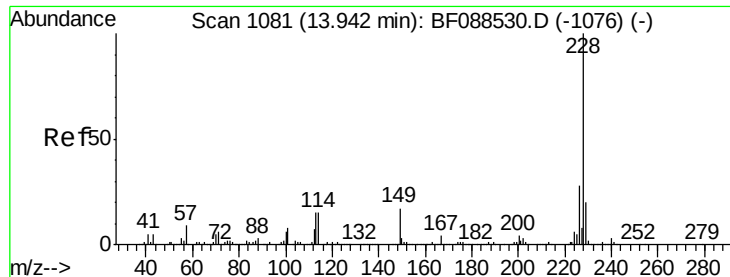
Tgt Ion:244 Resp: 1033722
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 15.2 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 44.93 ng
 RT: 13.35 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF088712.D
 Acq: 5 Jul 2016 19:41

Tgt Ion:149 Resp: 446093
 Ion Ratio Lower Upper
 149 100
 91 74.9 48.0 72.0#
 206 18.0 16.0 24.0





#80

Benzo(a)anthracene

Concen: 42.13 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

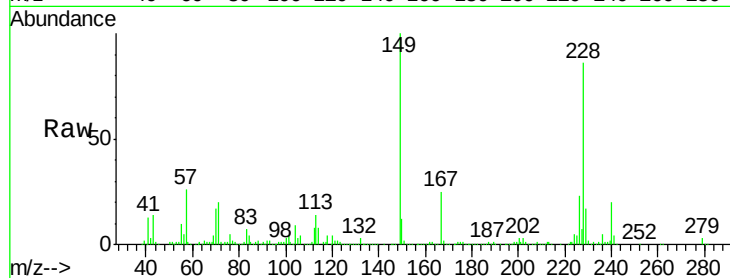
Tgt Ion:228 Resp: 712206

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

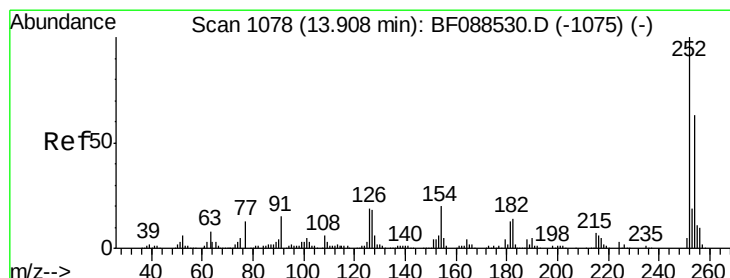
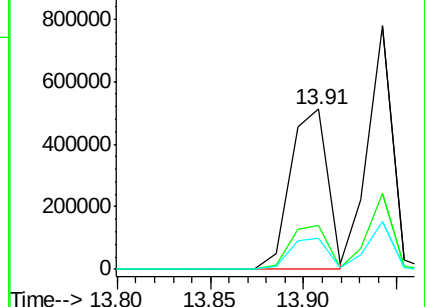
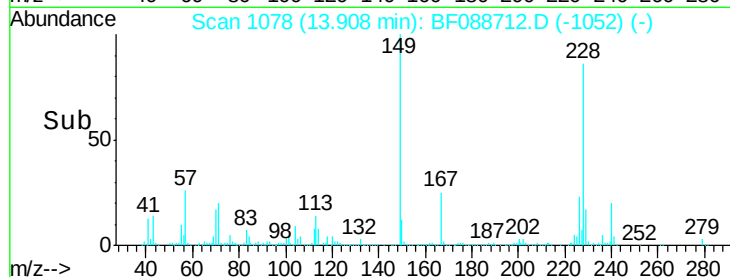
229 19.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 23.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

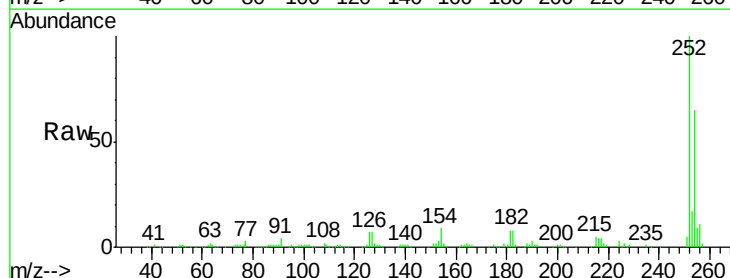
Tgt Ion:252 Resp: 146177

Ion Ratio Lower Upper

252 100

254 64.9 52.6 78.8

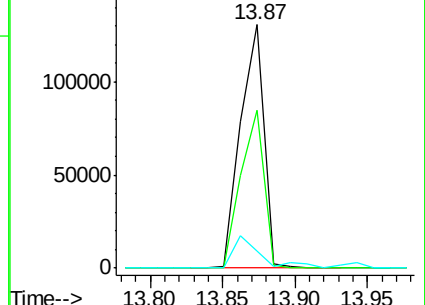
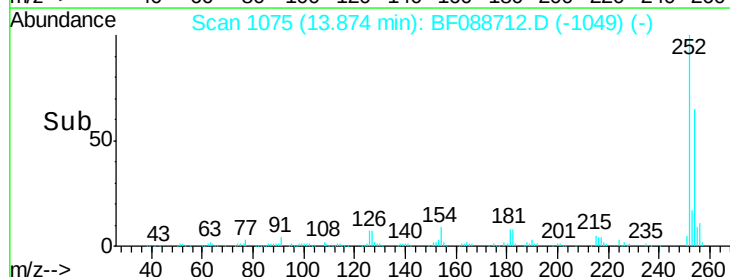
126 6.9 6.2 9.2

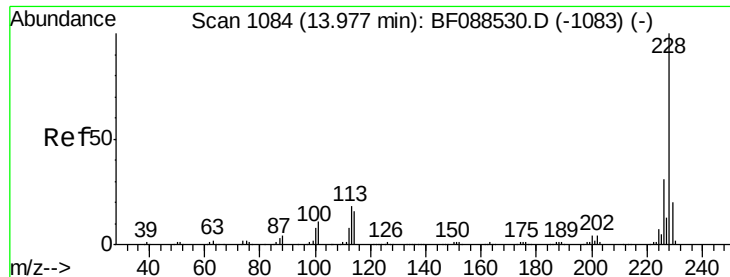


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.84 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

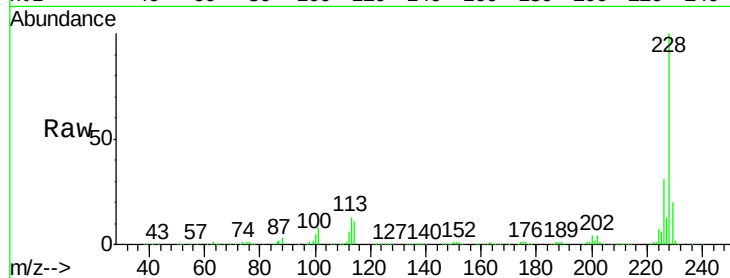
Tgt Ion:228 Resp: 716511

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.2

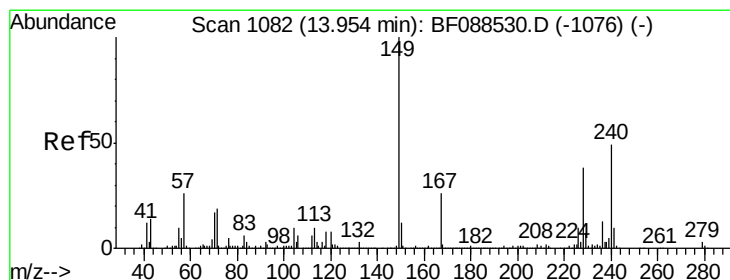
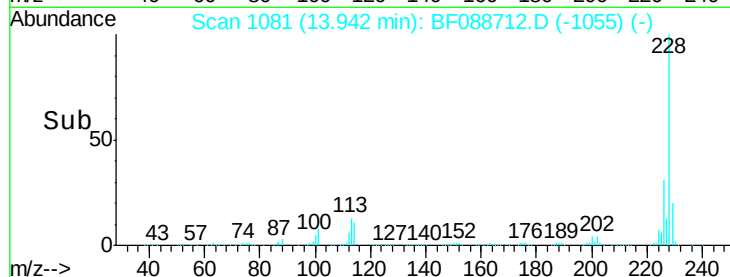
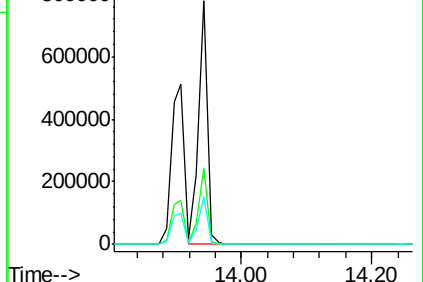
229 19.8 16.3 24.5



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: 45.87 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

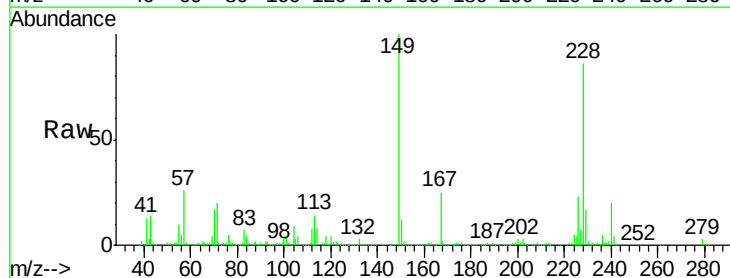
Tgt Ion:149 Resp: 519973

Ion Ratio Lower Upper

149 100

167 24.8 20.5 30.7

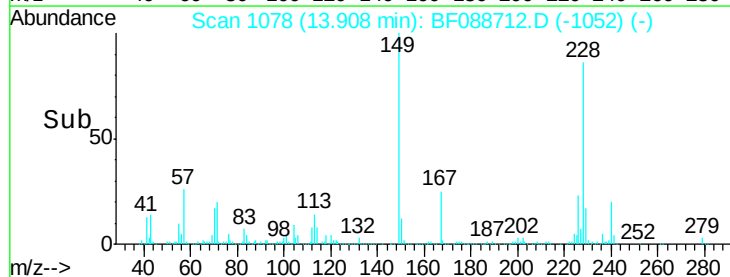
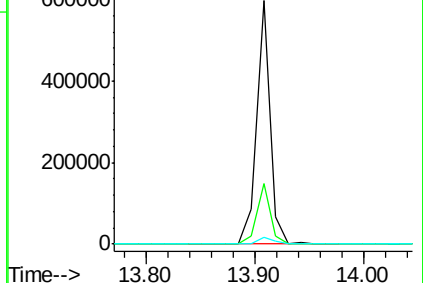
279 2.7 2.0 3.0

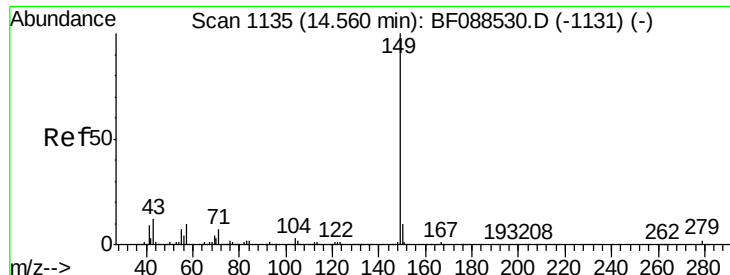


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

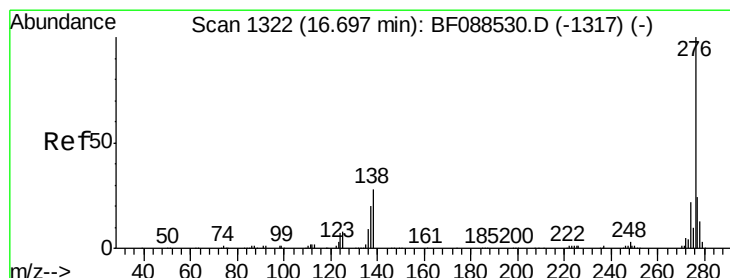
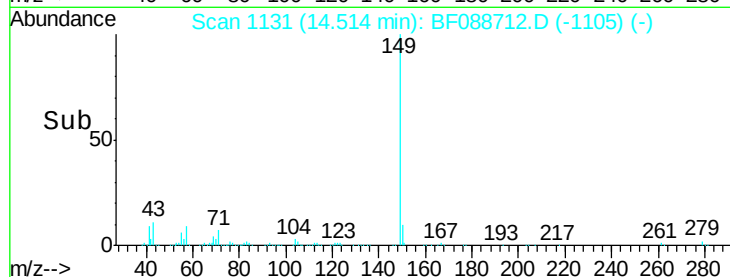
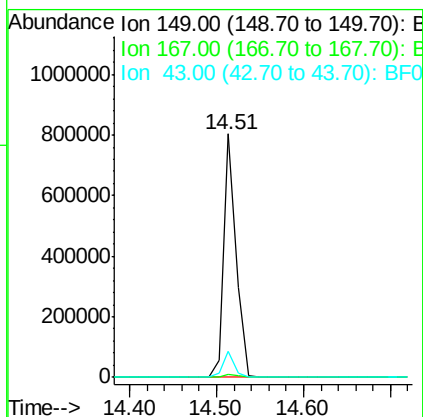
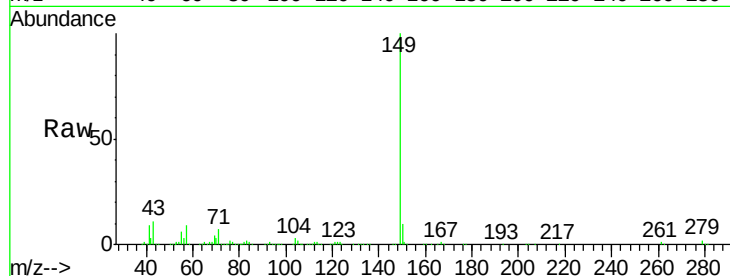




#84
Di-n-octyl phthalate
Concen: 41.63 ng
RT: 14.51 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

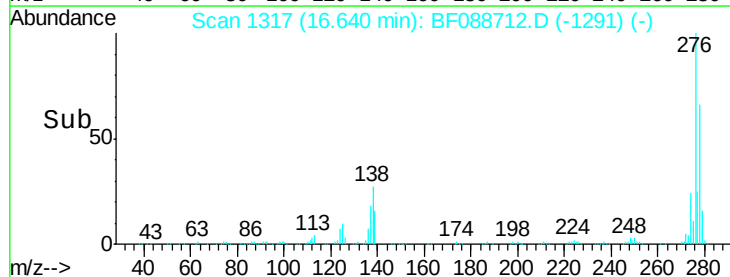
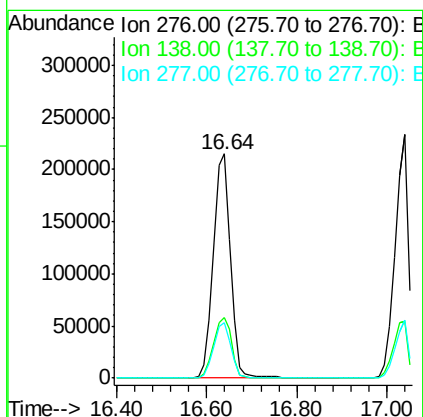
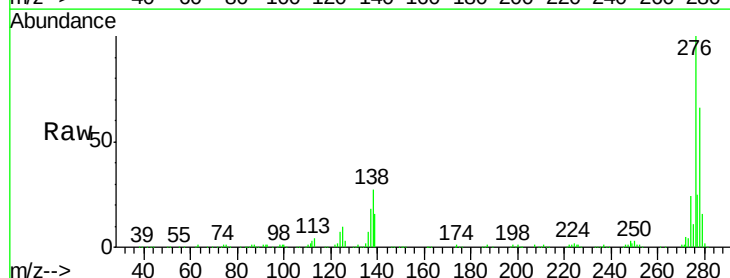
Instrument :
BNA_F
ClientSampleId :
PB91868BS

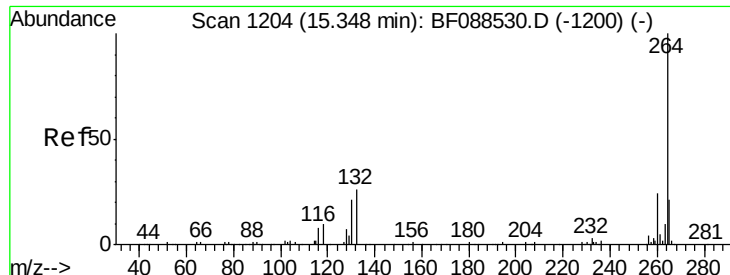
Tgt Ion:149 Resp: 801627
Ion Ratio Lower Upper
149 100
167 1.5 0.0 0.0#
43 9.5 0.0 0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 44.84 ng
RT: 16.64 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:276 Resp: 576976
Ion Ratio Lower Upper
276 100
138 28.6 0.0 0.0#
277 25.3 0.0 0.0#



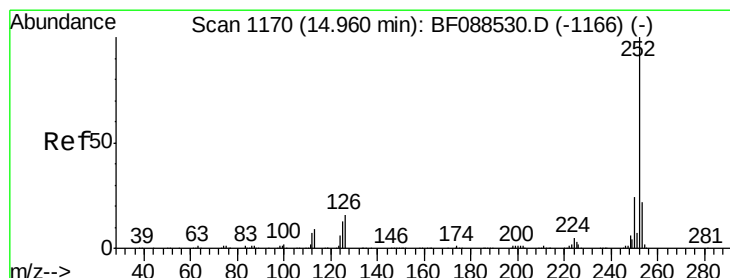
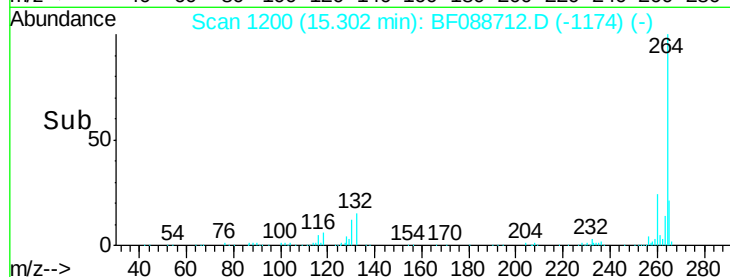
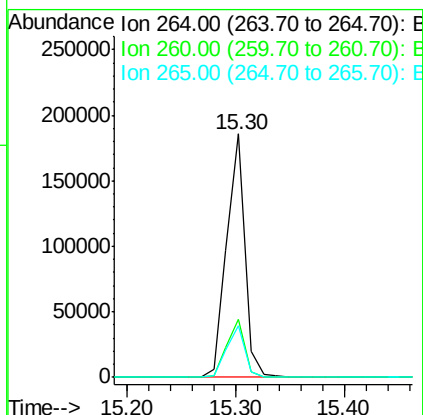
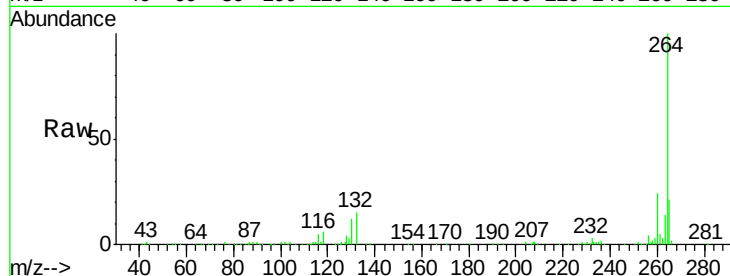


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tgt Ion: 264 Resp: 215029

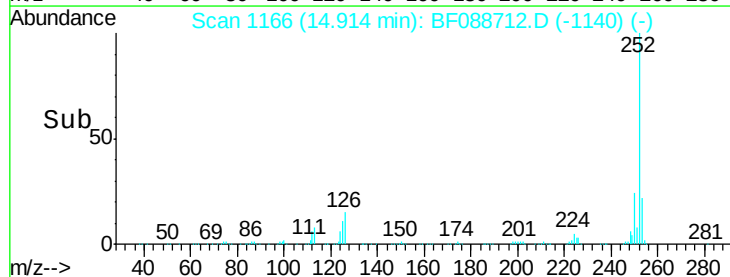
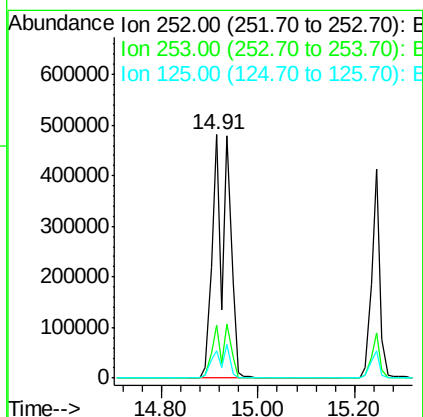
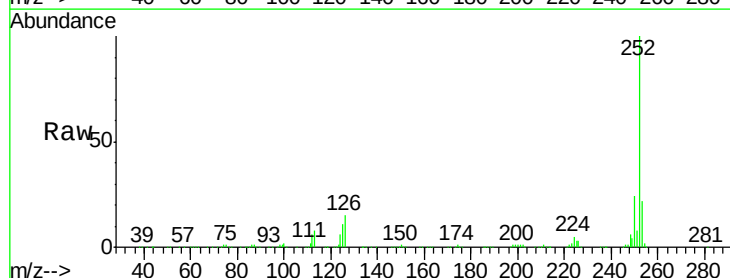
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	16.9	25.3

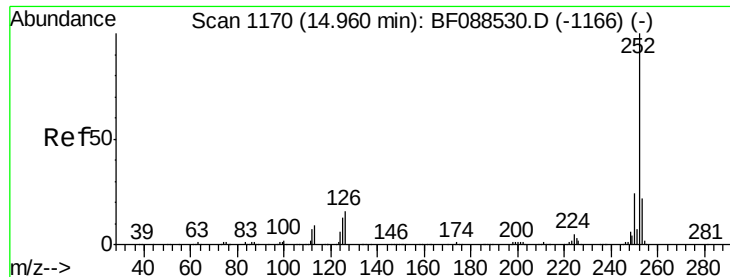


#87
Benzo(b)fluoranthene
Concen: 78.93 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion: 252 Resp: 1064710

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.1	7.1	10.7





#88

Benzo(k)fluoranthene

Concen: 90.69 ng

RT: 14.91 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

PB91868BS

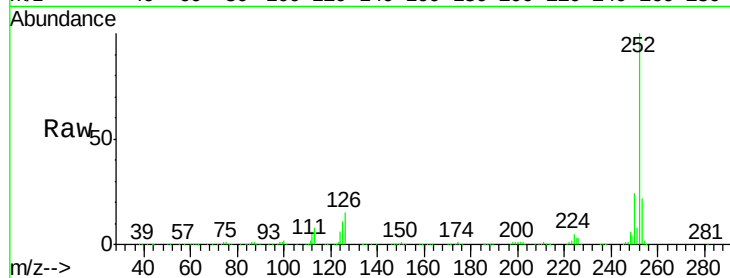
Tgt Ion:252 Resp: 1064951

Ion Ratio Lower Upper

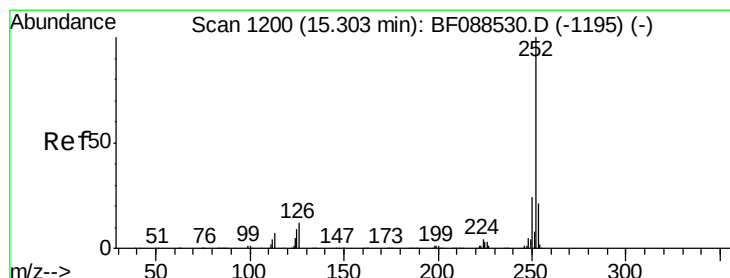
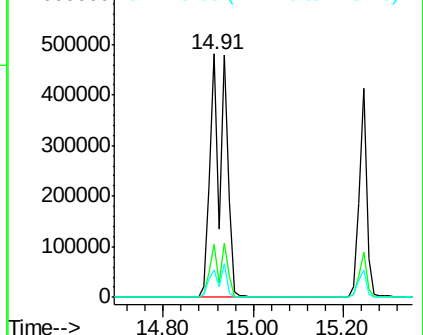
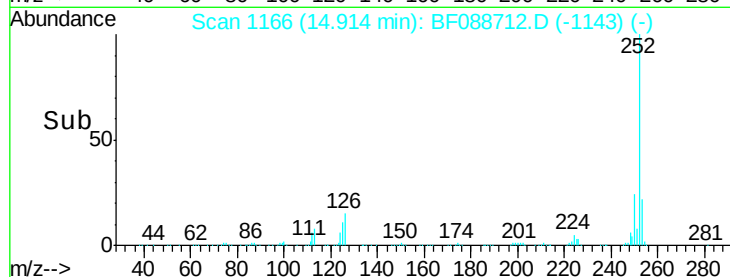
252 100

253 21.9 18.0 27.0

125 11.1 11.2 16.8#



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



#89

Benzo(a)pyrene

Concen: 43.10 ng

RT: 15.25 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF088712.D

Acq: 5 Jul 2016 19:41

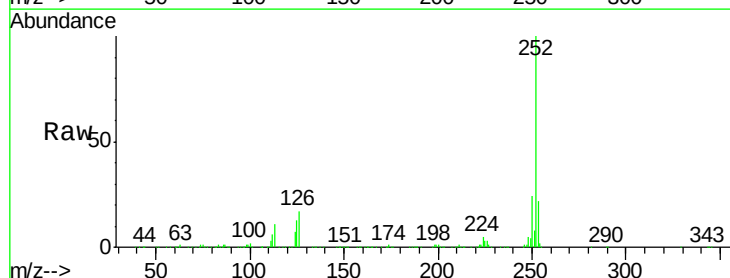
Tgt Ion:252 Resp: 492279

Ion Ratio Lower Upper

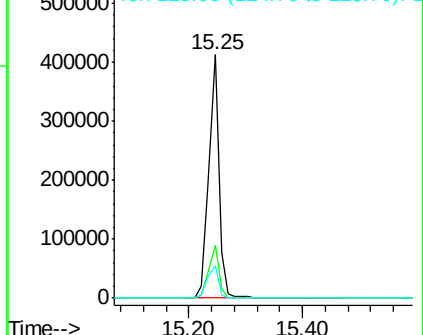
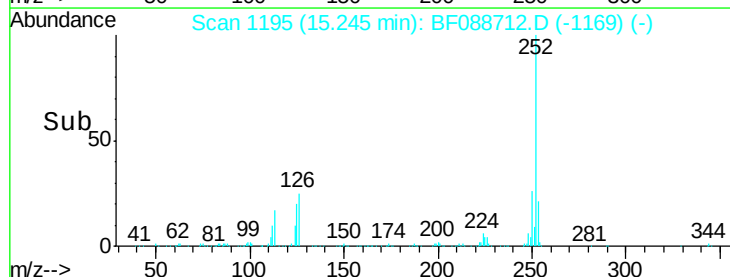
252 100

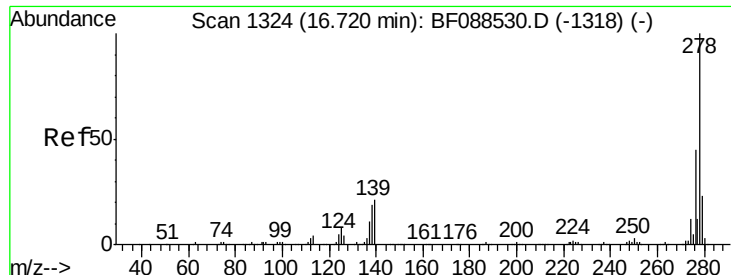
253 21.5 17.9 26.9

125 13.3 12.5 18.7



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



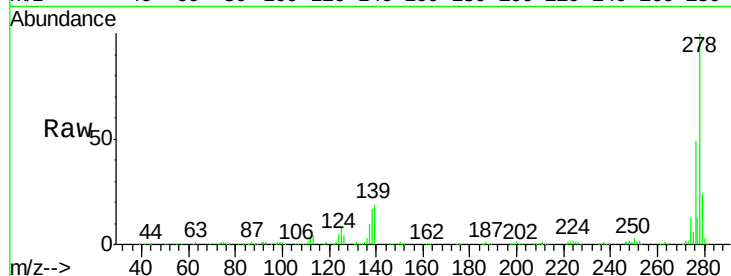


#90
Dibenzo(a,h)anthracene
Concen: 49.22 ng
RT: 16.65 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

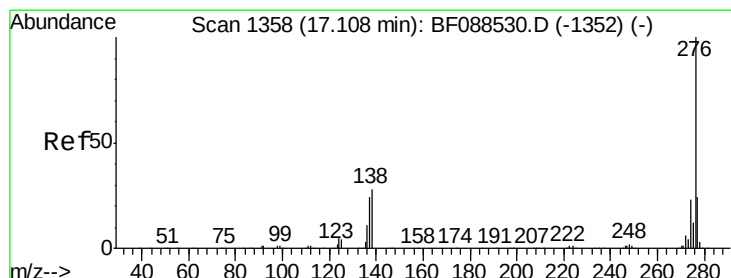
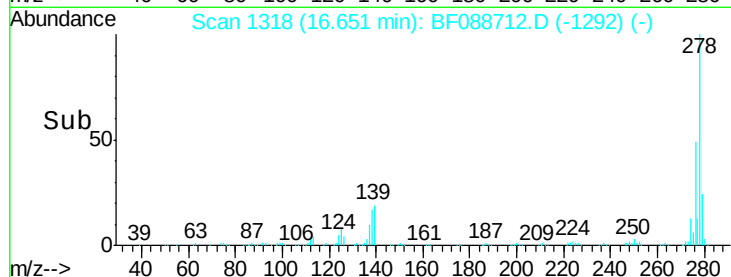
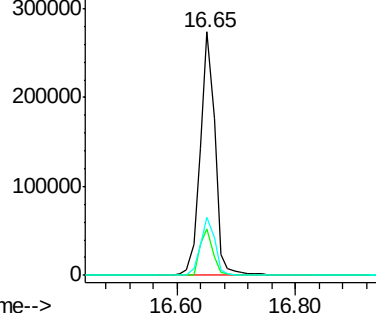
Instrument :
BNA_F
ClientSampleId :
PB91868BS

Tgt Ion:278 Resp: 469441

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.7	23.5
279	23.8	19.4	29.2



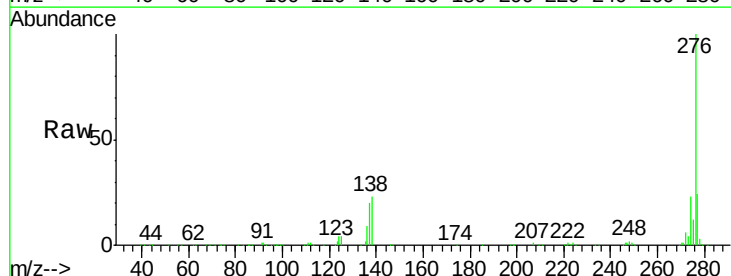
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 50.27 ng
RT: 17.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF088712.D
Acq: 5 Jul 2016 19:41

Tgt Ion:276 Resp: 496078

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	23.3	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

