

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088234.D
 Acq On : 22 Jun 2016 1:36
 Operator : UM/SJ
 Sample : PB91495BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BS

Quant Time: Jun 22 03:43:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:34:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	86183	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	345710	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	164238	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	293152	20.00	ng	0.00
75) Chrysene-d12	13.79	240	203367	20.00	ng	0.00
86) Perylene-d12	15.17	264	174425	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	640304	127.01	ng	0.01
7) Phenol-d6	6.31	99	742042	121.45	ng	0.00
23) Nitrobenzene-d5	7.22	82	442130	74.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	163524	94.30	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	827416	78.73	ng	0.00
78) Terphenyl-d14	12.75	244	764088	85.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	78146	31.90	ng	# 35
3) Pyridine	2.84	79	234317	40.51	ng	97
4) n-Nitrosodimethylamine	2.81	42	91826	37.49	ng	# 78
6) Aniline	6.32	93	173001	19.89	ng	# 8
8) 2-Chlorophenol	6.44	128	247502	41.48	ng	83
10) Phenol	6.32	94	243534	38.23	ng	# 49
11) bis(2-Chloroethyl)ether	6.40	93	245431	45.81	ng	85
12) 1,3-Dichlorobenzene	6.82	146	245298	38.31	ng	96
13) 1,4-Dichlorobenzene	6.67	146	257219	39.88	ng	96
14) 1,2-Dichlorobenzene	6.82	146	245492	41.86	ng	95
15) Benzyl Alcohol	6.81	79	177198	37.07	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	253429	35.01	ng	# 1
17) 2-Methylphenol	6.94	107	196073	40.52	ng	# 94
18) Hexachloroethane	7.15	117	93735	40.96	ng	# 83
19) n-Nitroso-di-n-propylamine	7.08	70	155104	39.68	ng	# 76
20) 3+4-Methylphenols	7.08	107	251654	44.57	ng	# 82
22) Acetophenone	7.07	105	335537	43.43	ng	98
24) Nitrobenzene	7.24	77	259608	45.27	ng	97
25) Isophorone	7.48	82	446736	40.74	ng	97
26) 2-Nitrophenol	7.56	139	137064	44.62	ng	# 73
27) 2,4-Dimethylphenol	7.61	122	223459	39.51	ng	94
28) bis(2-Chloroethoxy)methane	7.70	93	301787	44.37	ng	98
29) 2,4-Dichlorophenol	7.80	162	201351	42.64	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	212624	41.35	ng	98
31) Naphthalene	7.95	128	693837	40.56	ng	99
32) Benzoic acid	7.77	122	117762	37.81	ng	92
33) 4-Chloroaniline	8.02	127	105330	13.79	ng	# 92
34) Hexachlorobutadiene	8.08	225	114272	42.14	ng	99
35) Caprolactam	8.40	113	42569	27.21	ng	# 84
36) 4-Chloro-3-methylphenol	8.52	107	223897	44.33	ng	91
37) 2-Methylnaphthalene	8.65	142	476416	42.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	199611	47.65	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	113926	43.00	ng	100
42) 2,4,6-Trichlorophenol	8.94	196	123455	37.59	ng	97

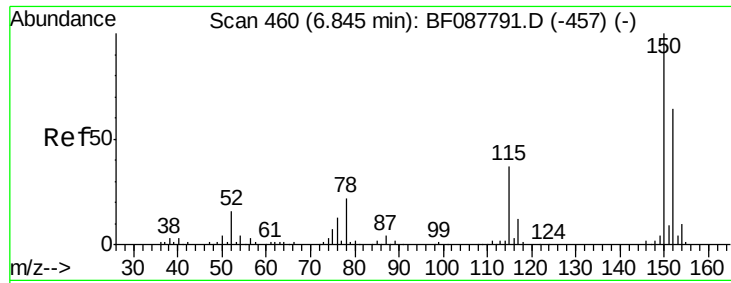
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	126030	36.88	ng	98
45) 1,1'-Biphenyl	9.12	154	578242	47.21	ng	96
46) 2-Chloronaphthalene	9.14	162	448647	42.21	ng	93
47) 2-Nitroaniline	9.24	65	126848	40.46	ng	# 82
48) Acenaphthylene	9.55	152	692481	40.96	ng	99
49) Dimethylphthalate	9.43	163	510535	42.91	ng	100
50) 2,6-Dinitrotoluene	9.48	165	109529	40.20	ng	# 60
51) Acenaphthene	9.72	154	415111	39.36	ng	99
52) 3-Nitroaniline	9.66	138	64846	20.63	ng	90
53) 2,4-Dinitrophenol	9.77	184	97488	68.00	ng	98
54) Dibenzofuran	9.90	168	570690	39.29	ng	92
55) 4-Nitrophenol	9.85	139	120835	49.52	ng	# 76
56) 2,4-Dinitrotoluene	9.90	165	139927	39.96	ng	# 60
57) Fluorene	10.24	166	477156	49.05	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	110676	41.22	ng	# 58
59) Diethylphthalate	10.12	149	484752	40.25	ng	99
60) 4-Chlorophenyl-phenylether	10.23	204	182813	37.85	ng	94
61) 4-Nitroaniline	10.27	138	107658	36.10	ng	98
62) Azobenzene	10.39	77	473810	39.79	ng	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	77739	42.73	ng	# 64
65) n-Nitrosodiphenylamine	10.35	169	408013	41.94	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	133721	42.52	ng	97
67) Hexachlorobenzene	10.78	284	131309	40.18	ng	93
68) Atrazine	10.89	200	116735	39.63	ng	98
69) Pentachlorophenol	10.98	266	102393	59.44	ng	97
70) Phenanthrene	11.19	178	636870	41.40	ng	100
71) Anthracene	11.25	178	688933	44.40	ng	99
72) Carbazole	11.41	167	651426	44.86	ng	99
73) Di-n-butylphthalate	11.74	149	728089	39.61	ng	99
74) Fluoranthene	12.38	202	699311	43.08	ng	96
76) Benzidine	12.50	184	205508	36.50	ng	98
77) Pyrene	12.59	202	672420	44.56	ng	99
79) Butylbenzylphthalate	13.22	149	316466	47.43	ng	87
80) Benzo(a)anthracene	13.78	228	496529	42.84	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	106857	34.29	ng	# 94
82) Chrysene	13.83	228	528929	48.51	ng	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	365837	45.04	ng	99
84) Di-n-octyl phthalate	14.39	149	713514	54.06	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.45	276	453341	44.75	ng	# 100
87) Benzo(b)fluoranthene	14.79	252	922564	75.89	ng	# 95
88) Benzo(k)fluoranthene	14.79	252	922534	100.59	ng	100
89) Benzo(a)pyrene	15.11	252	430665	43.78	ng	99
90) Dibenzo(a,h)anthracene	16.46	278	378142	41.39	ng	99
91) Benzo(g,h,i)perylene	16.83	276	400028	42.57	ng	98

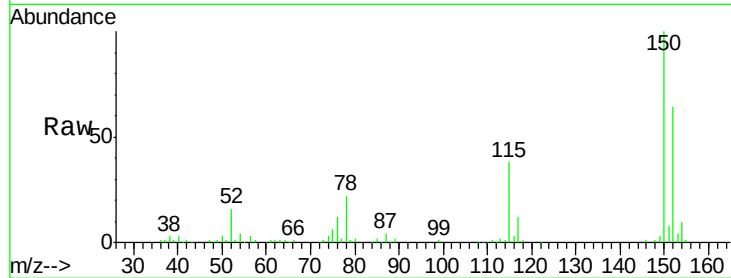
(#) = qualifier out of range (m) = manual integration (+) = signals summed



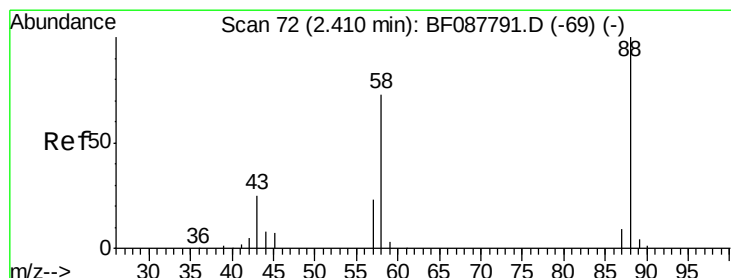
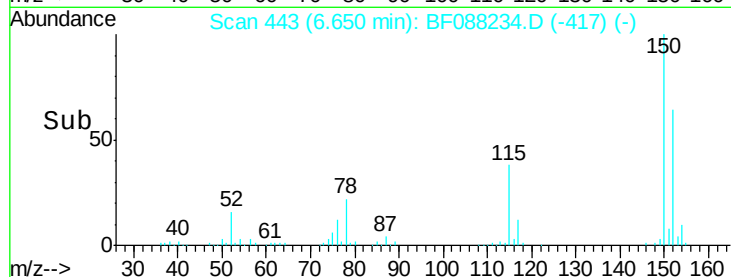
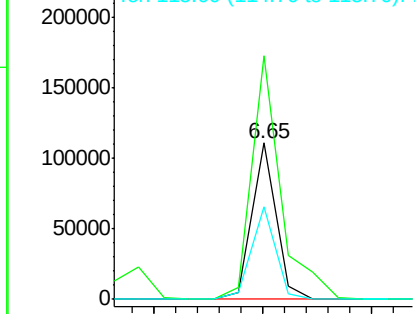
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BS

Tgt Ion:152 Resp: 86183
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.8 185.6
 115 58.9 39.6 59.4

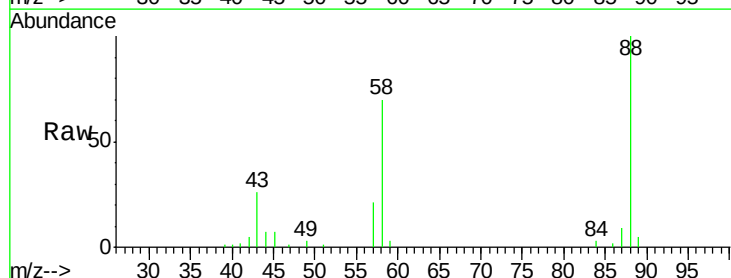


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

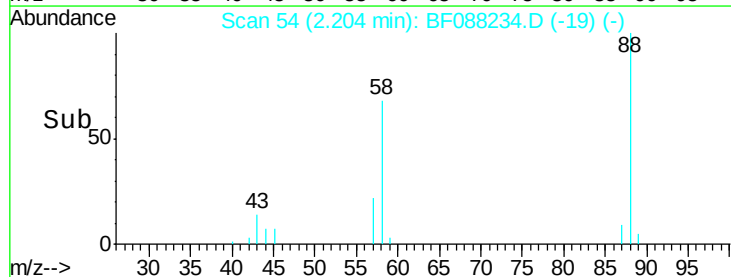
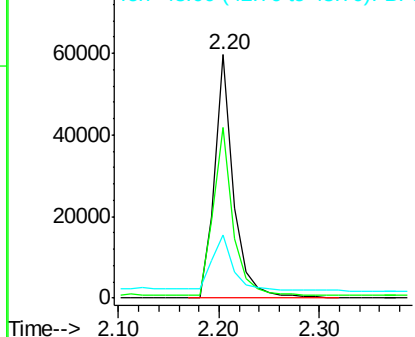


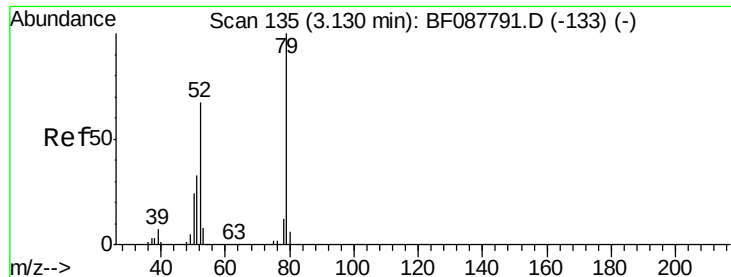
#2
 1,4-Dioxane
 Concen: 31.90 ng
 RT: 2.20 min Scan# 54
 Delta R.T. 0.10 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Tgt Ion: 88 Resp: 78146
 Ion Ratio Lower Upper
 88 100
 58 71.3 0.0 0.0#
 43 25.8 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.51 ng

RT: 2.84 min Scan# 110

Delta R.T. 0.08 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

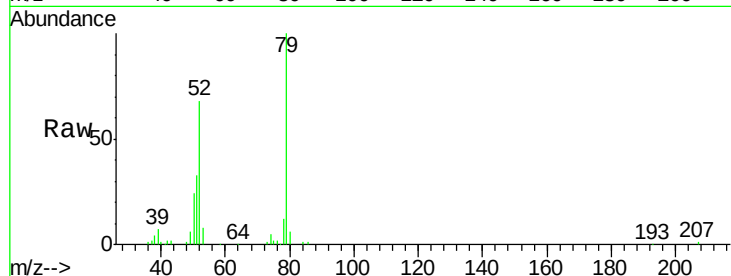
Tgt Ion: 79 Resp: 234317

Ion Ratio Lower Upper

79 100

52 68.2 56.3 84.5

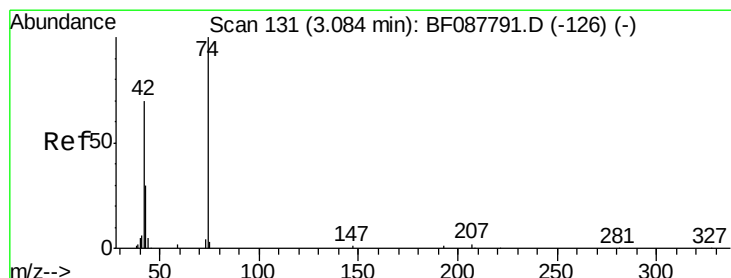
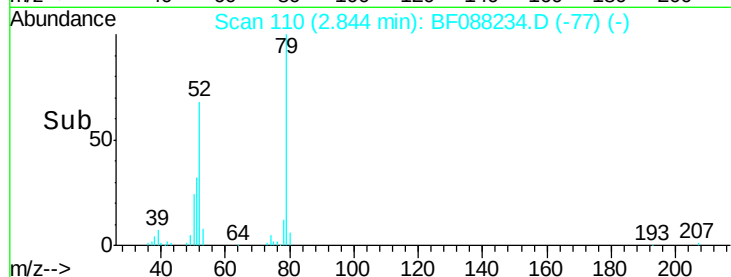
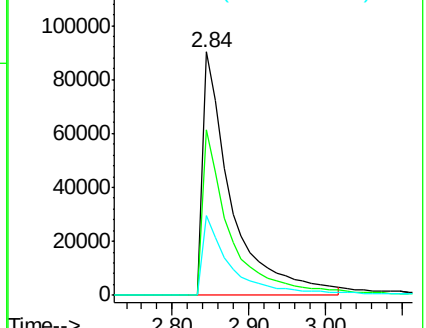
51 32.7 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.49 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.09 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

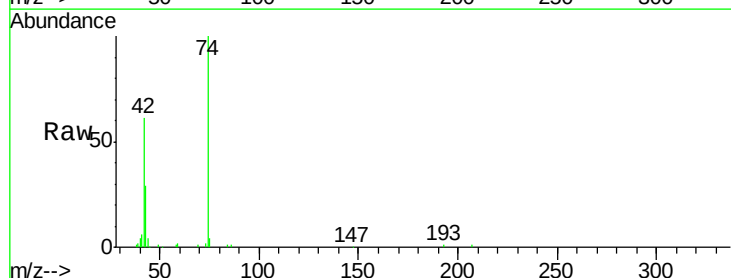
Tgt Ion: 42 Resp: 91826

Ion Ratio Lower Upper

42 100

74 163.5 108.6 163.0#

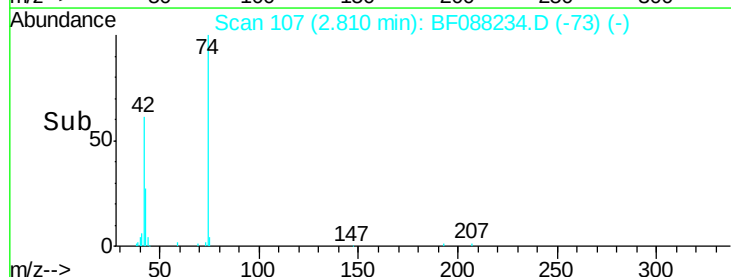
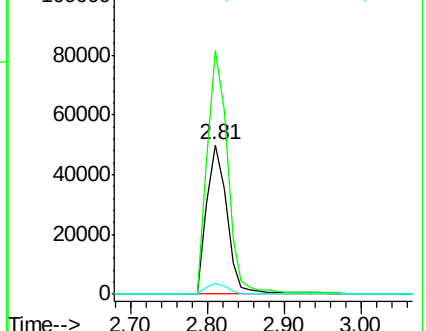
44 7.1 5.5 8.3

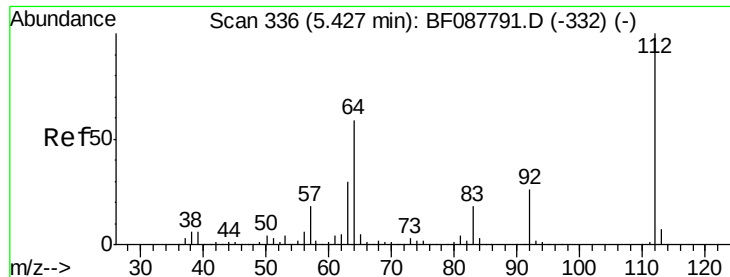


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.01 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.01 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

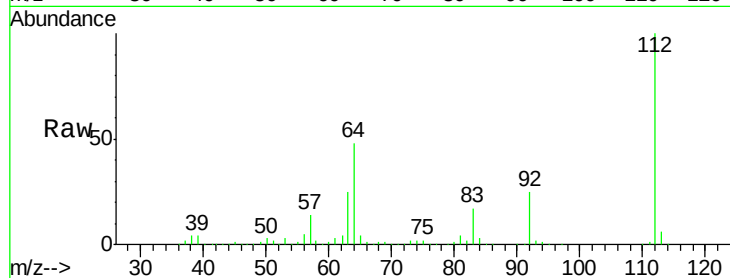
Instrument :

BNA_F

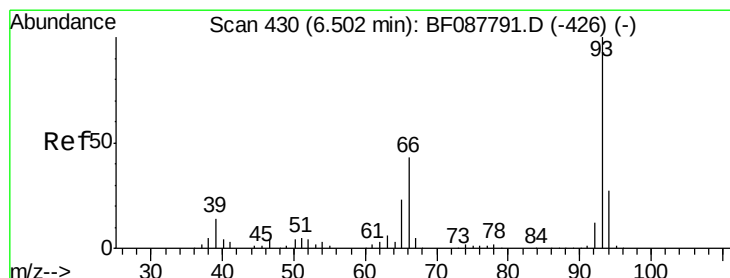
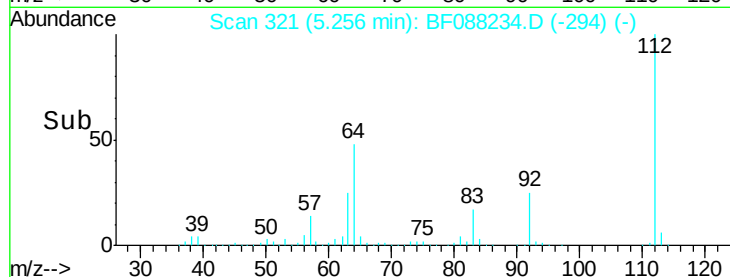
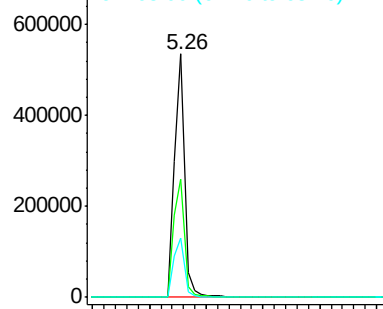
ClientSampleId :

PB91495BS

Tgt Ion:	112	Resp:	640304
Ion	Ratio	Lower	Upper
112	100		
64	48.3	42.2	63.2
63	24.5	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 19.89 ng

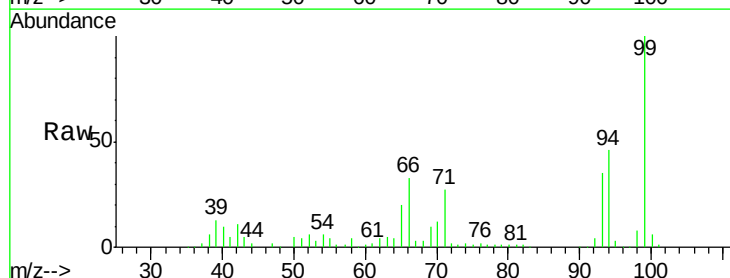
RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

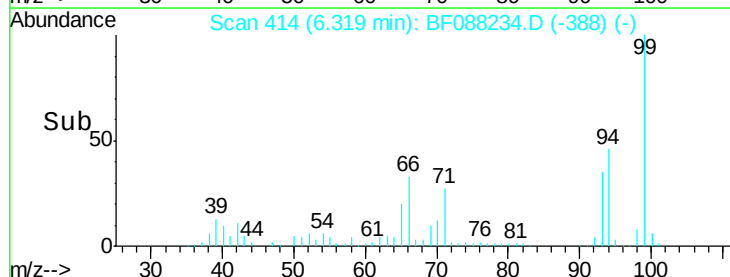
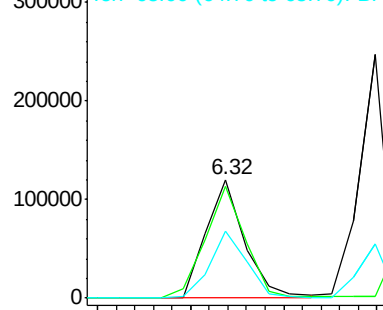
Lab File: BF088234.D

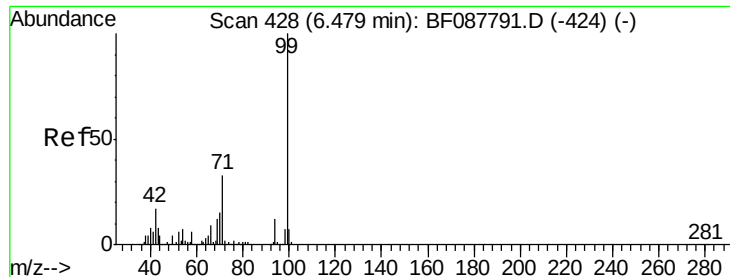
Acq: 22 Jun 2016 1:36

Tgt Ion:	93	Resp:	173001
Ion	Ratio	Lower	Upper
93	100		
66	94.9	29.8	44.8#
65	56.3	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 121.45 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

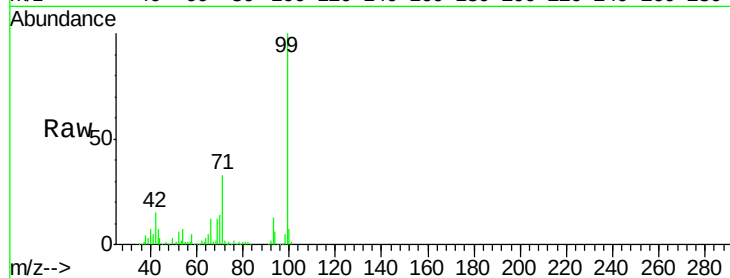
Tgt Ion: 99 Resp: 742042

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

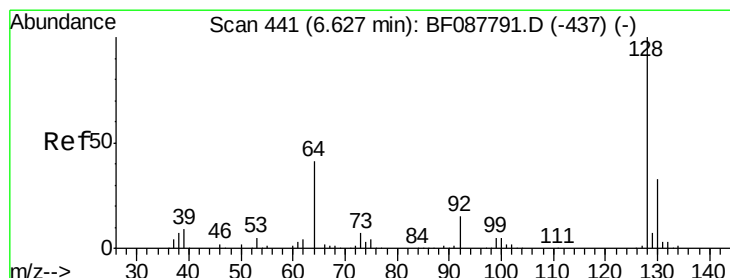
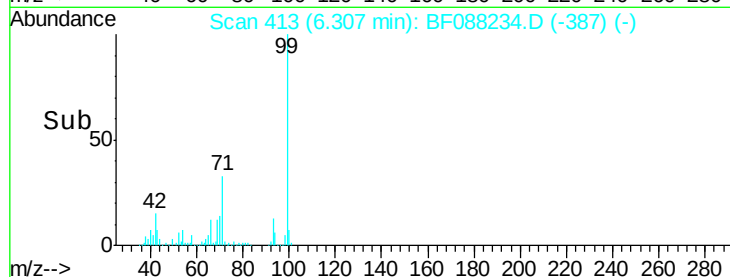
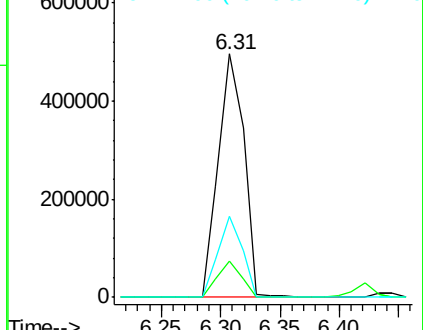
71 33.3 23.4 35.0



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: 41.48 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

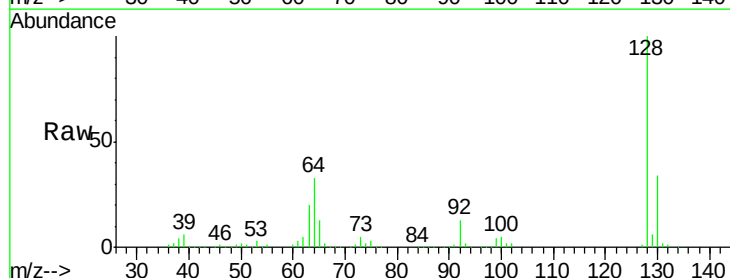
Tgt Ion: 128 Resp: 247502

Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

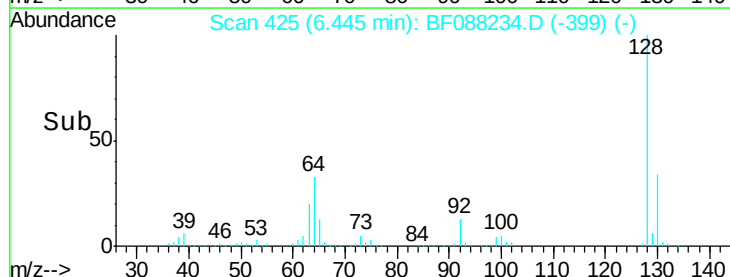
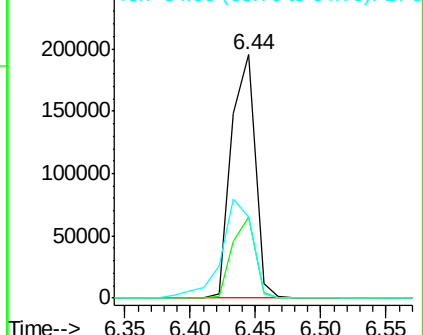
64 33.2 30.8 70.8

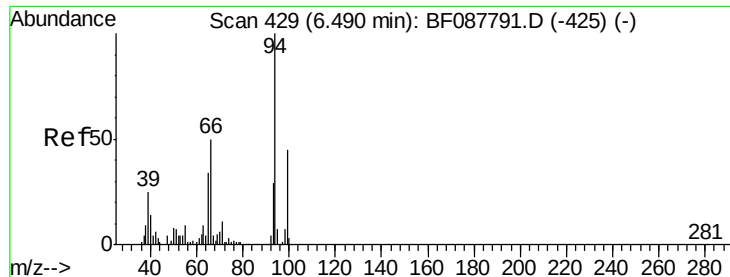


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 38.23 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

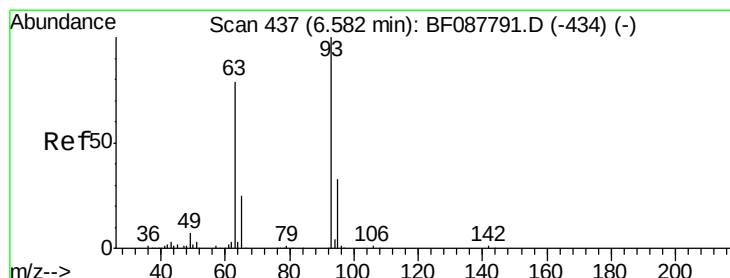
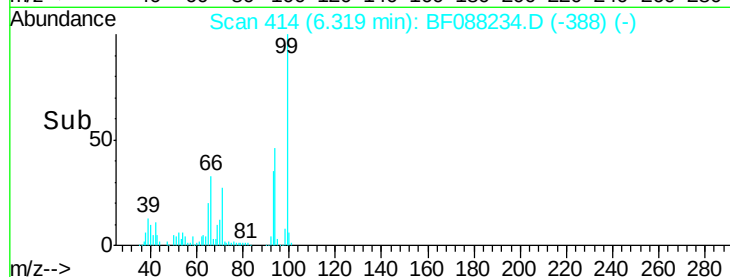
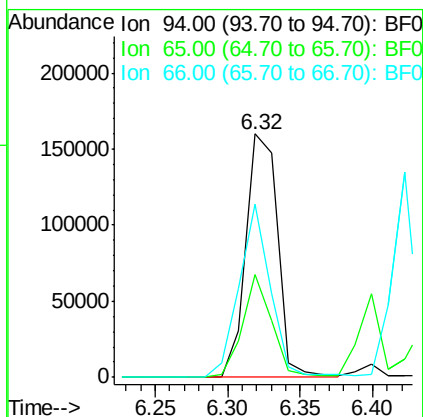
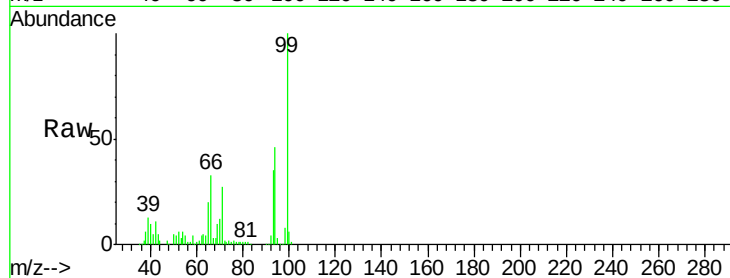
Tgt Ion: 94 Resp: 243534

Ion Ratio Lower Upper

94 100

65 42.2 5.9 45.9

66 71.1 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 45.81 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

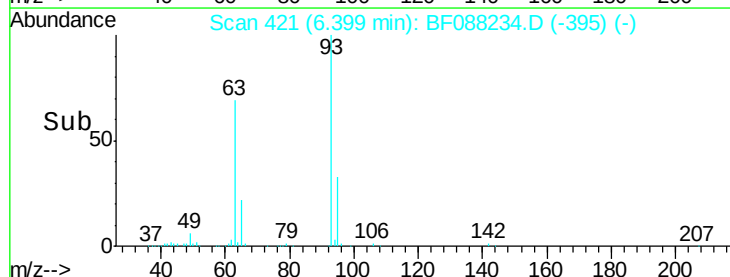
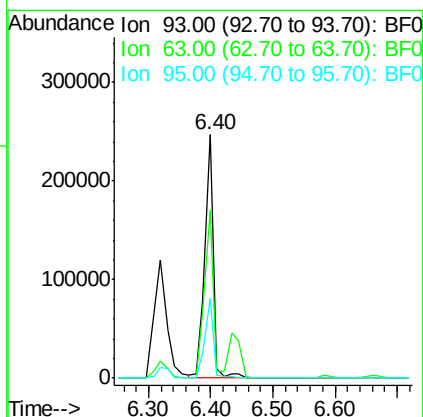
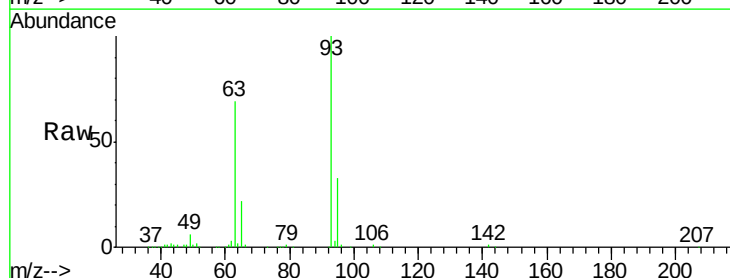
Tgt Ion: 93 Resp: 245431

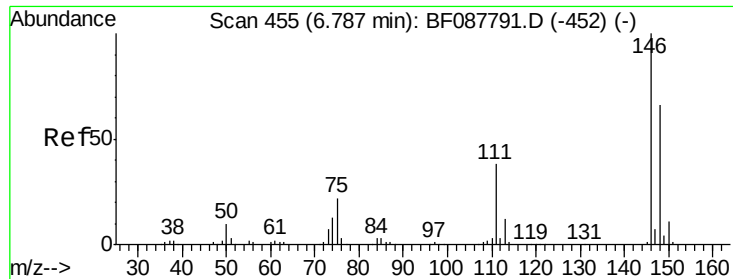
Ion Ratio Lower Upper

93 100

63 68.9 67.6 107.6

95 33.0 12.5 52.5

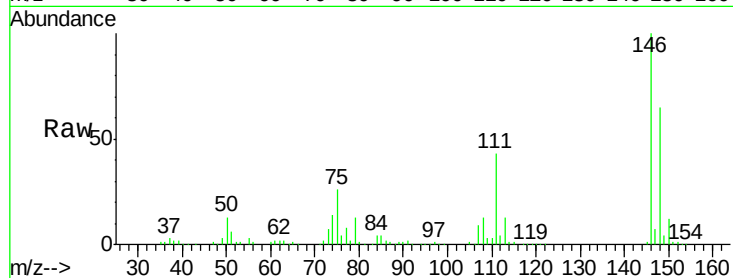




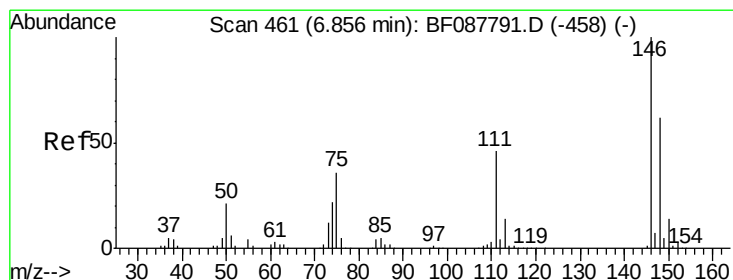
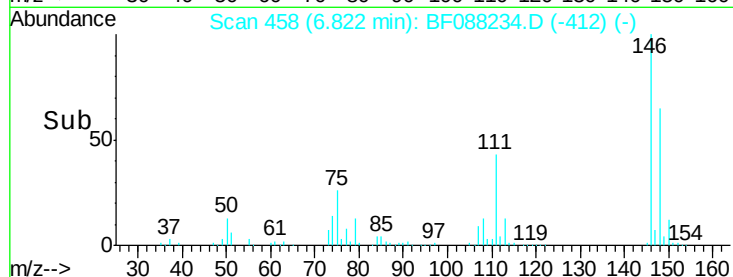
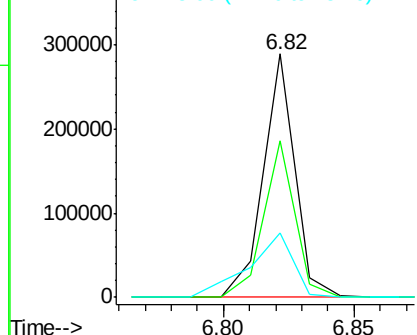
#12
 1,3-Dichlorobenzene
 Concen: 38.31 ng
 RT: 6.82 min Scan# 458
 Delta R.T. 0.23 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	26.2	25.6	38.4

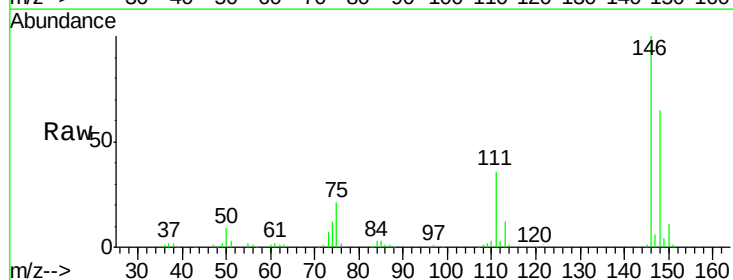


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

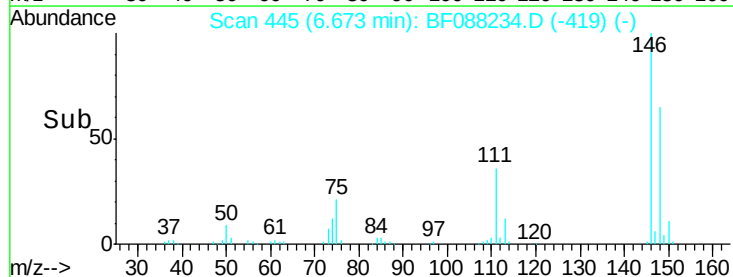
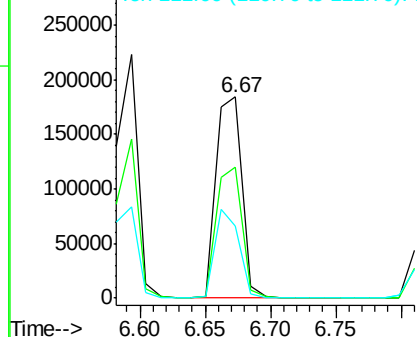


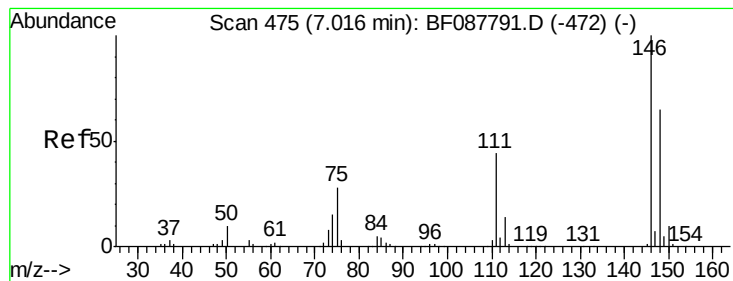
#13
 1,4-Dichlorobenzene
 Concen: 39.88 ng
 RT: 6.67 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
111	35.9	33.8	50.8



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





#14

1,2-Dichlorobenzene

Concen: 41.86 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

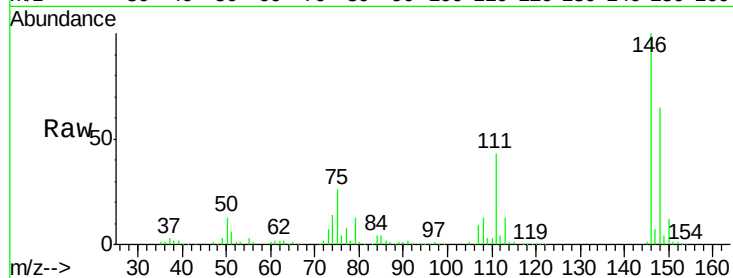
Tgt Ion:146 Resp: 245492

Ion Ratio Lower Upper

146 100

148 64.6 52.3 78.5

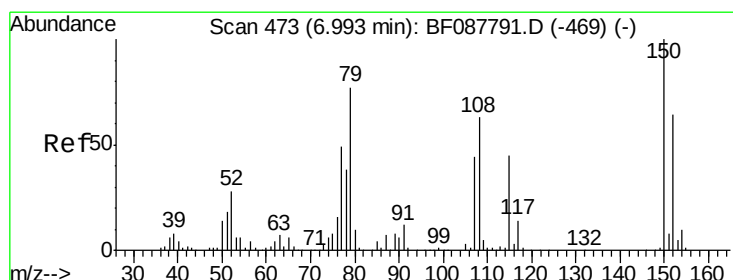
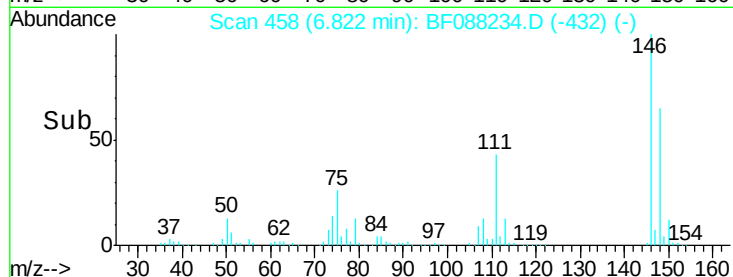
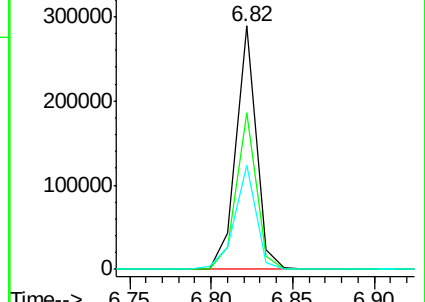
111 42.5 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 37.07 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

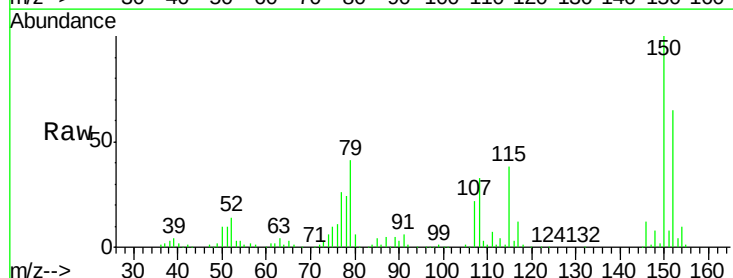
Tgt Ion: 79 Resp: 177198

Ion Ratio Lower Upper

79 100

108 80.4 65.0 97.6

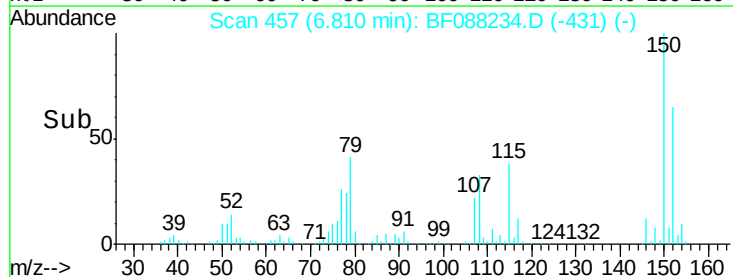
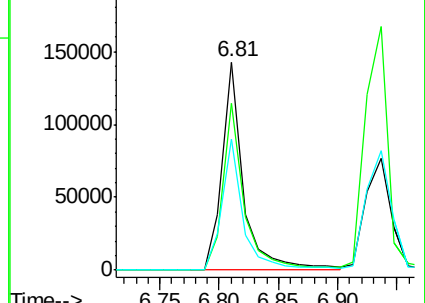
77 63.0 50.3 75.5

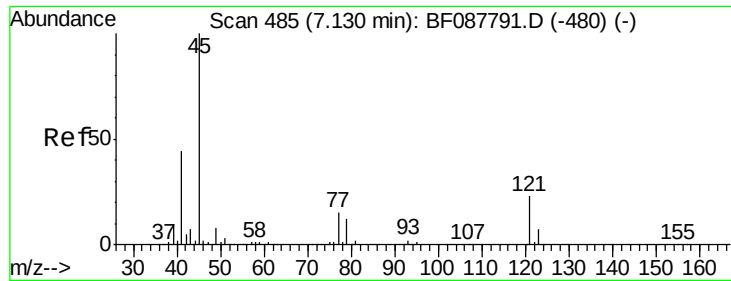


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

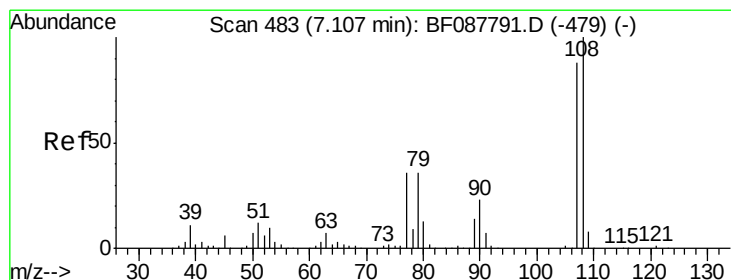
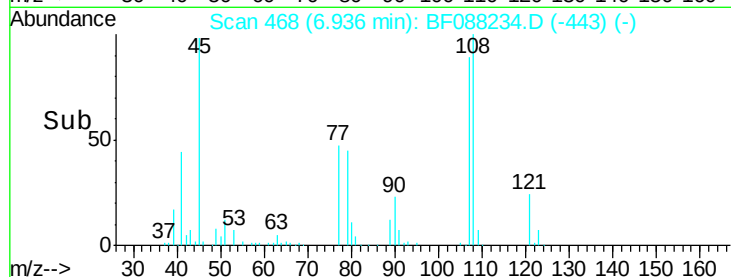
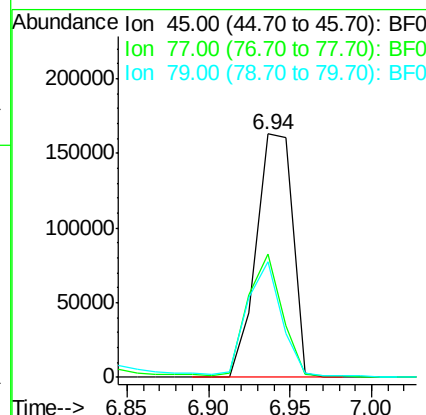
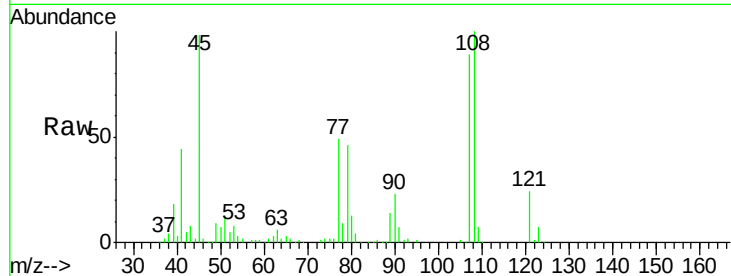




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.01 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

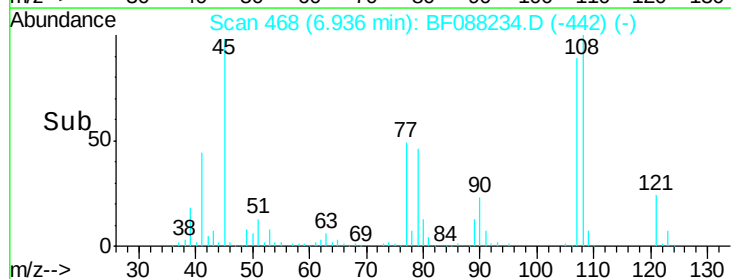
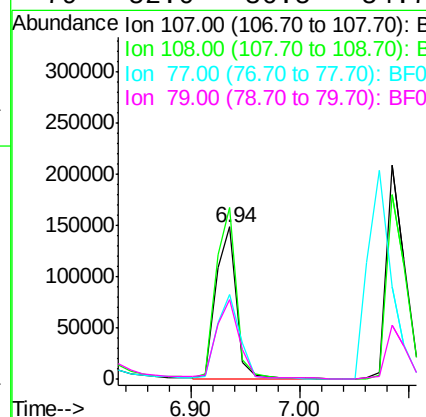
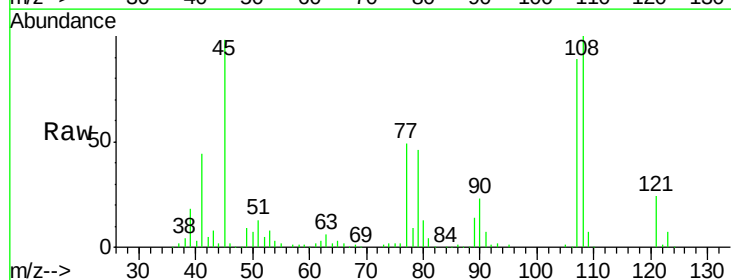
Instrument :
BNA_F
ClientSampleId :
PB91495BS

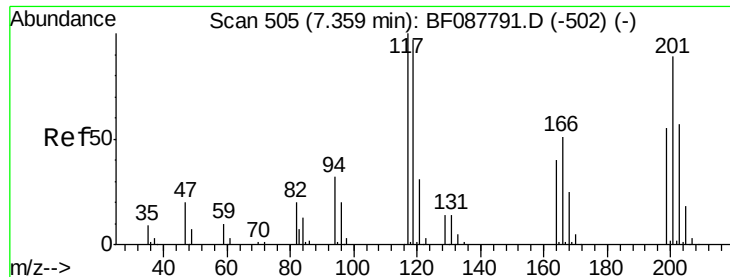
Tgt Ion: 45 Resp: 253429
Ion Ratio Lower Upper
45 100
77 50.5 0.0 32.5#
79 47.3 0.0 29.5#



#17
2-Methylphenol
Concen: 40.52 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Tgt Ion: 107 Resp: 196073
Ion Ratio Lower Upper
107 100
108 112.7 90.9 136.3
77 55.6 36.6 55.0#
79 52.0 36.5 54.7

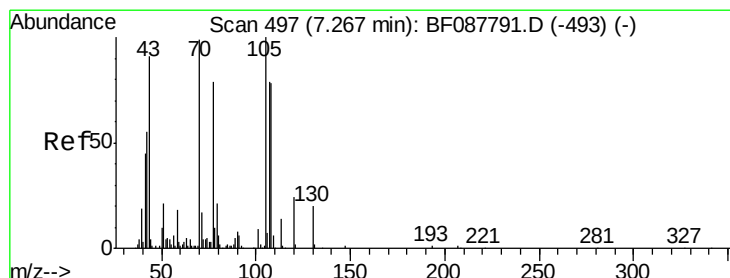
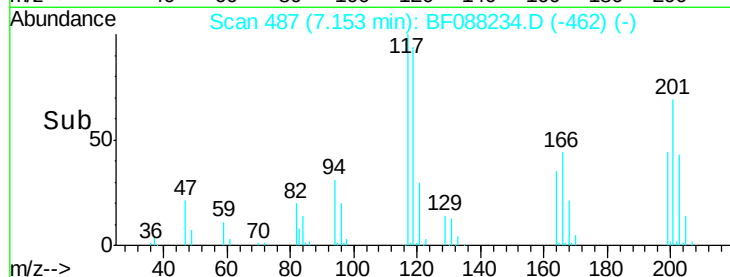
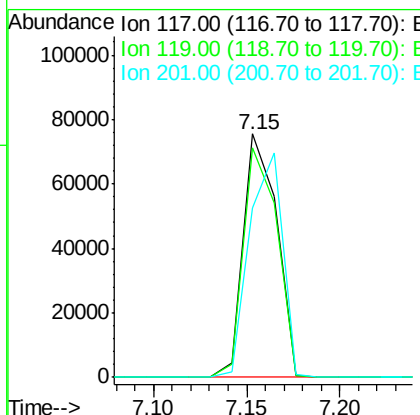
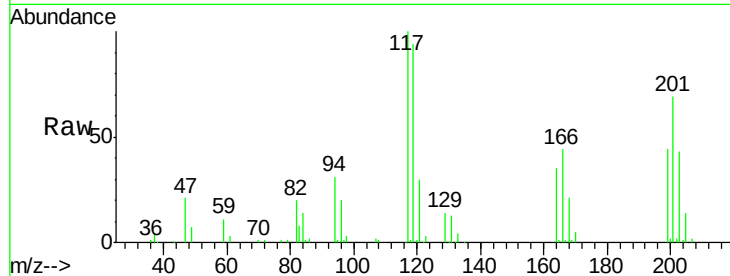




#18
Hexachloroethane
Concen: 40.96 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

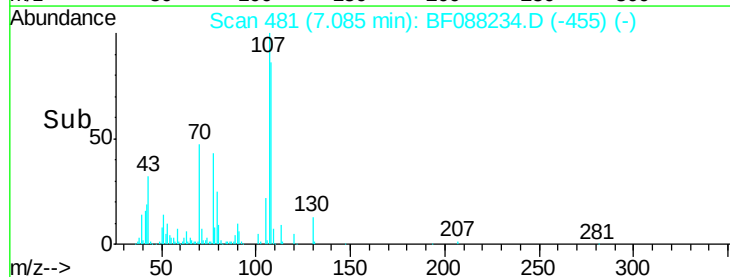
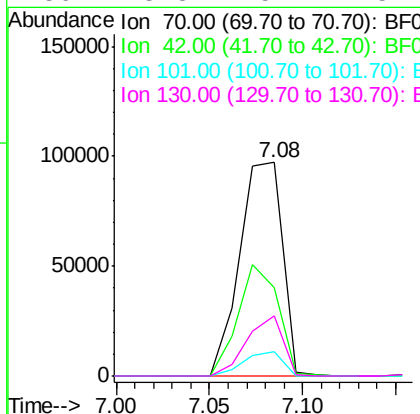
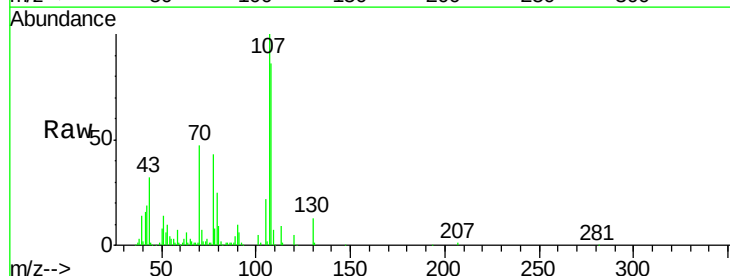
Instrument :
BNA_F
ClientSampleId :
PB91495BS

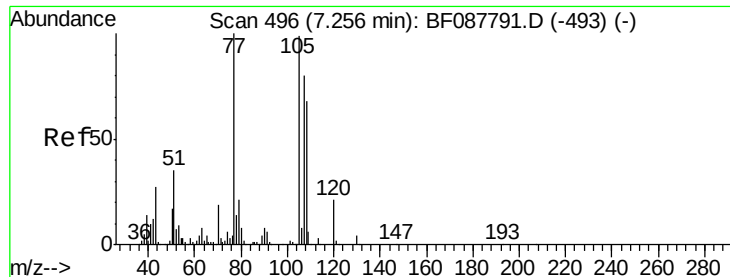
Tgt Ion: 117 Resp: 93735
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.2
201 69.3 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 39.68 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Tgt Ion: 70 Resp: 155104
Ion Ratio Lower Upper
70 100
42 41.2 49.6 74.4#
101 11.2 7.1 10.7#
130 28.3 15.4 23.2#





#20

3+4-Methylphenols

Concen: 44.57 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

Tgt Ion:107 Resp: 251654

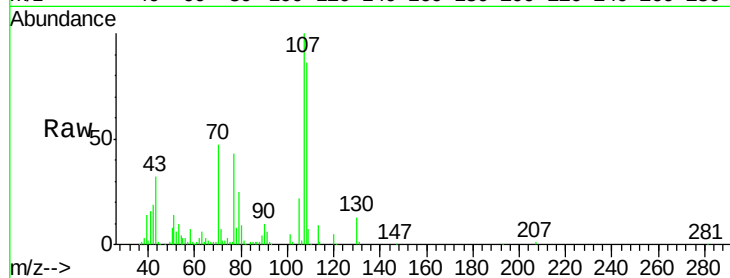
Ion Ratio Lower Upper

107 100

108 86.4 67.8 107.8

77 43.0 59.3 99.3#

79 25.1 7.0 47.0

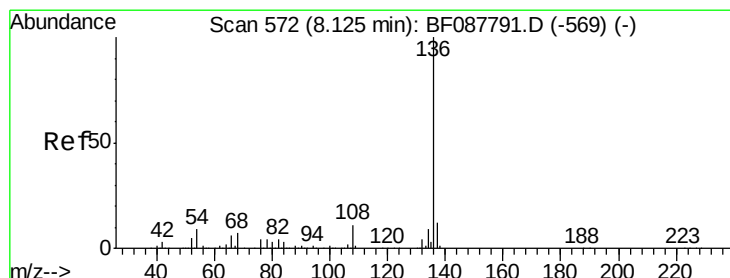
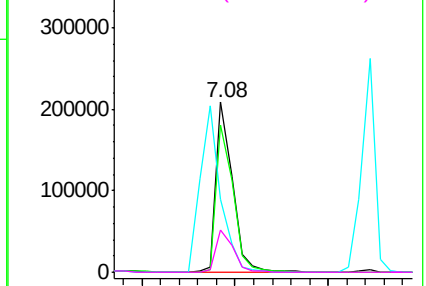
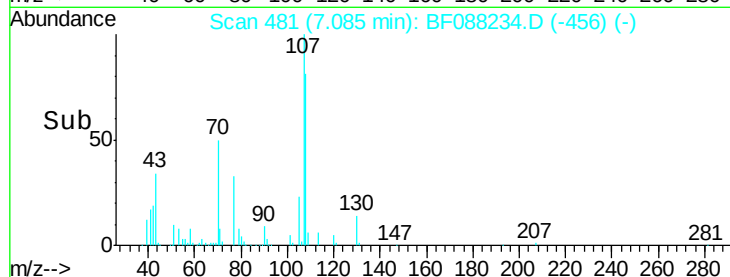


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Tgt Ion:136 Resp: 345710

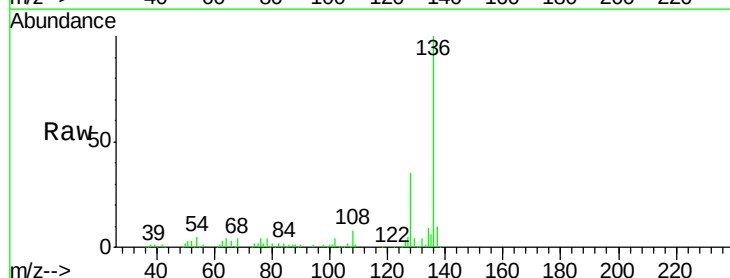
Ion Ratio Lower Upper

136 100

137 10.2 9.1 13.7

54 4.7 6.6 10.0#

68 4.3 5.1 7.7#

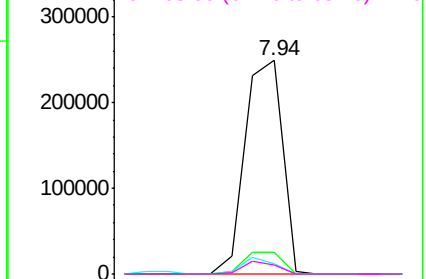
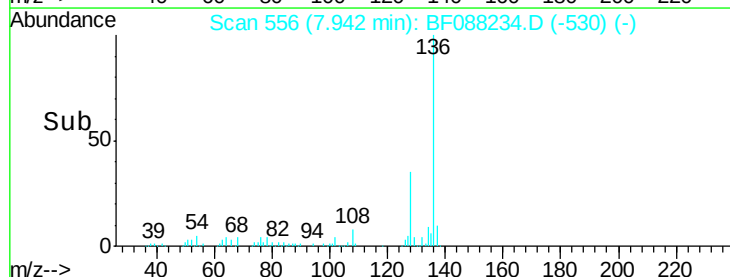


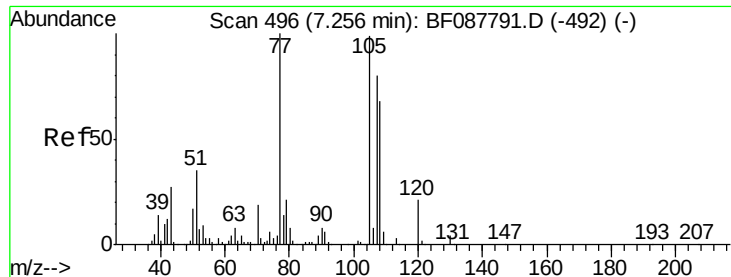
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 43.43 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

Tgt Ion: 105 Resp: 335537

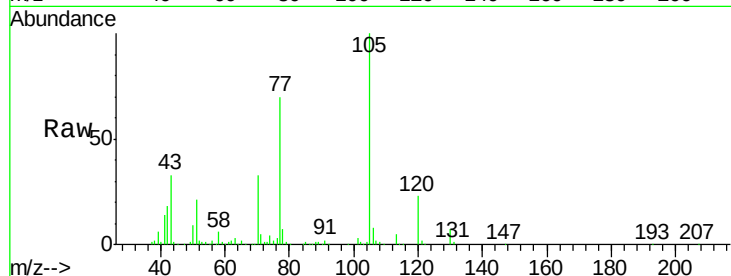
Ion Ratio Lower Upper

105 100

71 5.4 5.3 7.9

51 20.8 18.2 27.4

120 22.6 18.0 27.0

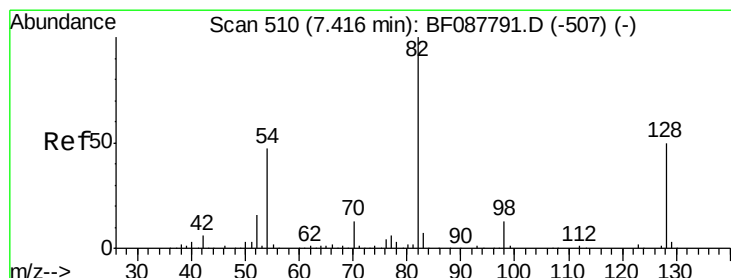
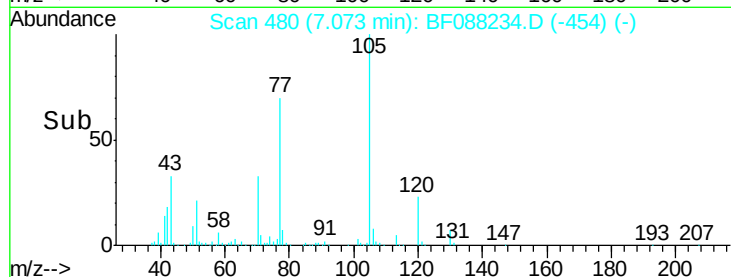
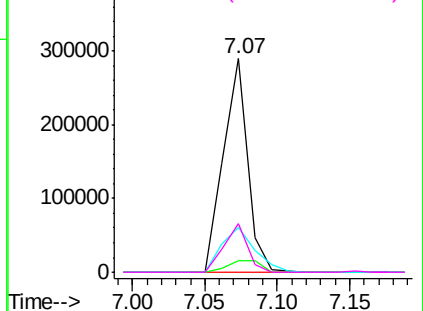


Abundance Ion 105.00 (104.70 to 105.70): E

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: 74.68 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

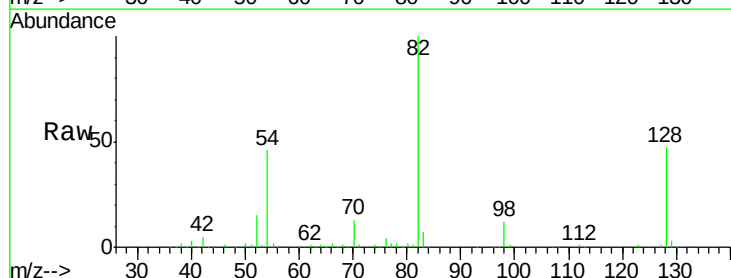
Tgt Ion: 82 Resp: 442130

Ion Ratio Lower Upper

82 100

128 47.0 35.9 53.9

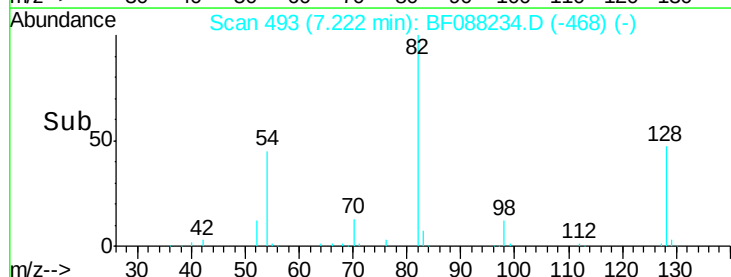
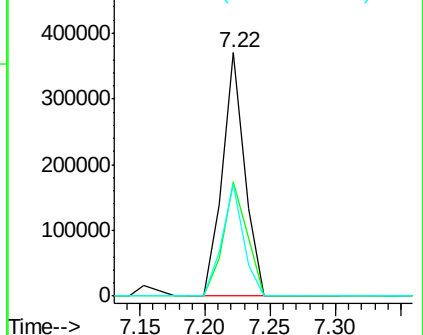
54 45.8 40.9 61.3

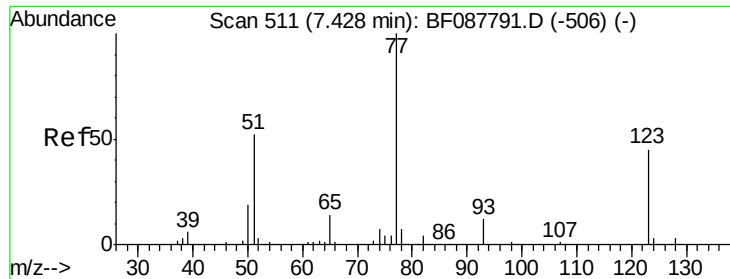


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 45.27 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

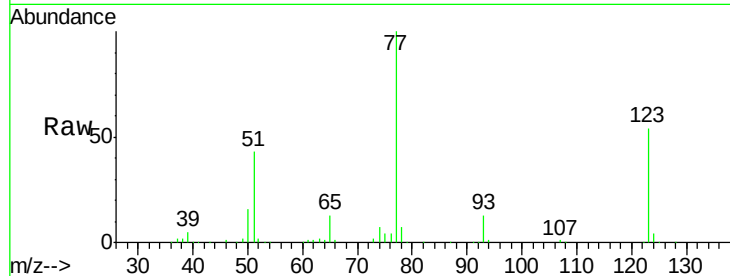
Tgt Ion: 77 Resp: 259608

Ion Ratio Lower Upper

77 100

123 53.7 45.0 67.4

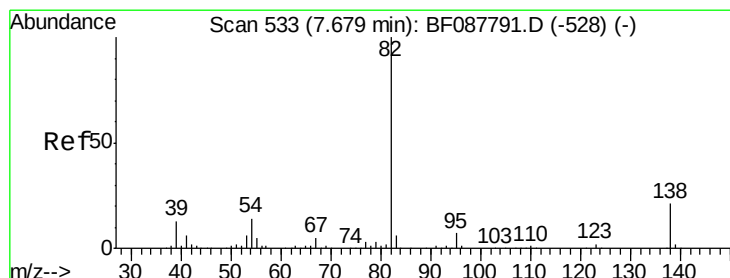
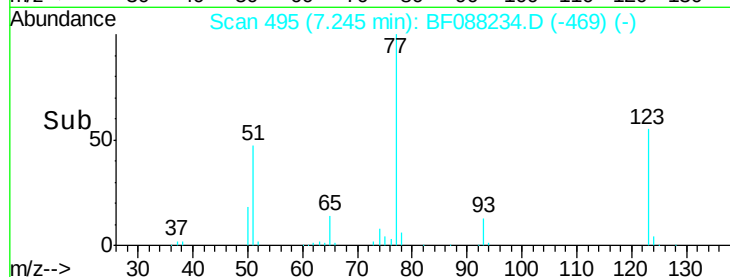
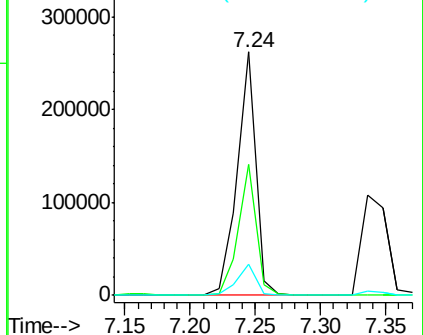
65 12.8 10.2 15.2



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: 40.74 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

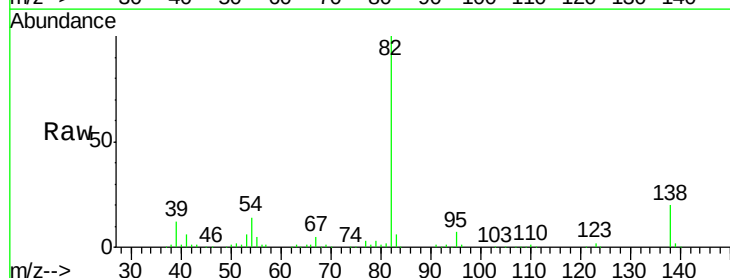
Tgt Ion: 82 Resp: 446736

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

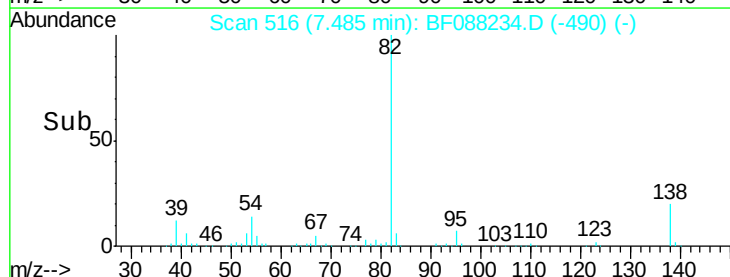
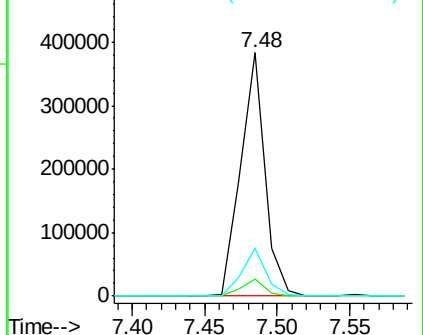
138 19.8 14.6 21.8

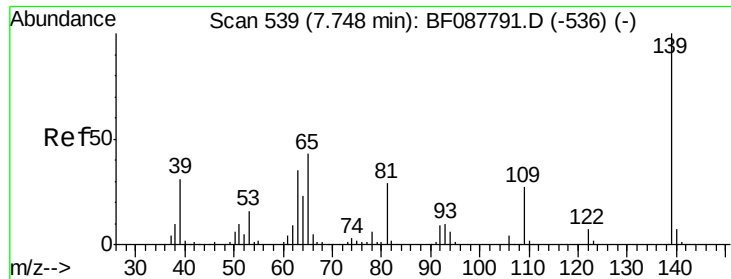


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

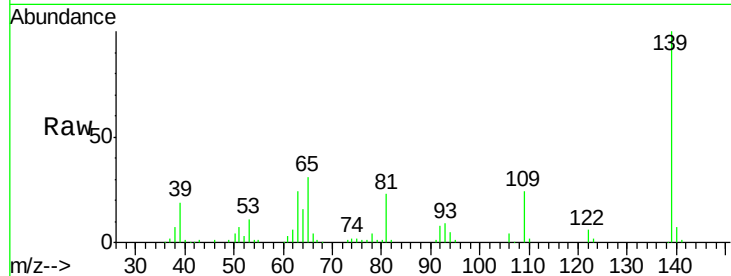




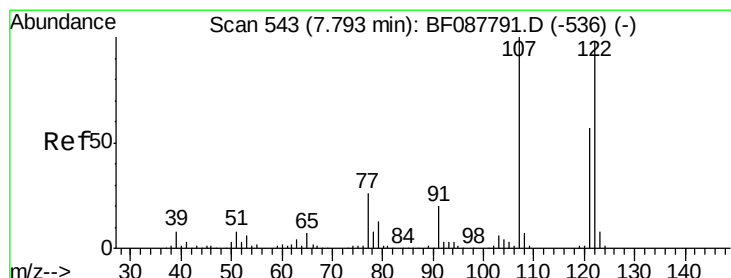
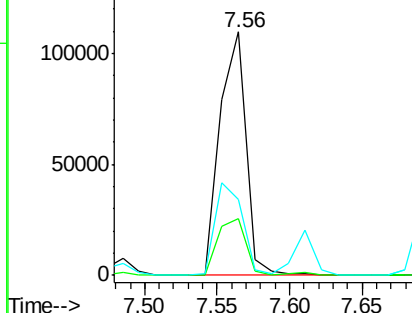
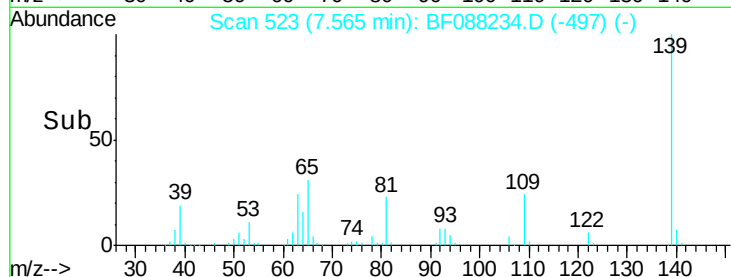
#26
 2-Nitrophenol
 Concen: 44.62 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	23.5	23.0	34.4
65	31.2	45.8	68.8

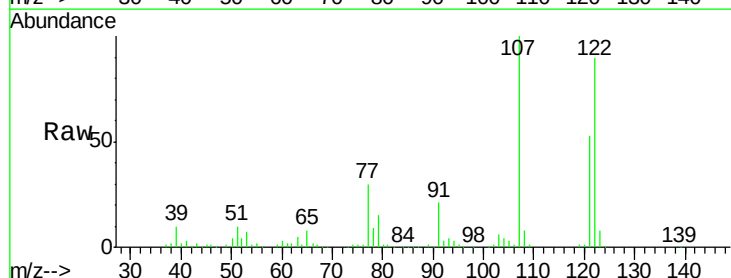


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

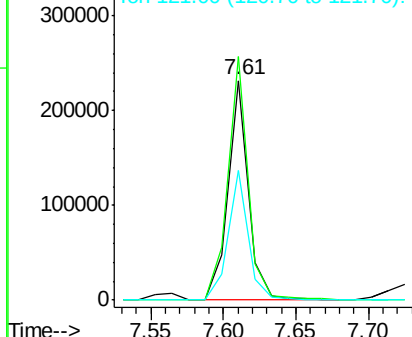
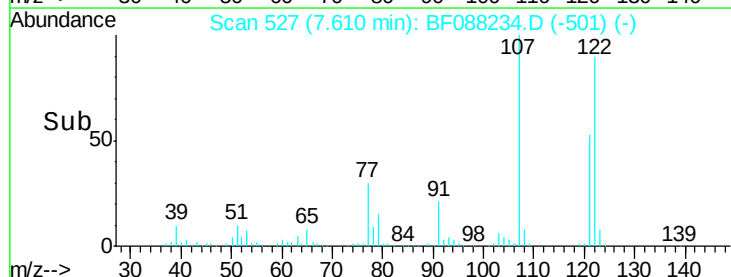


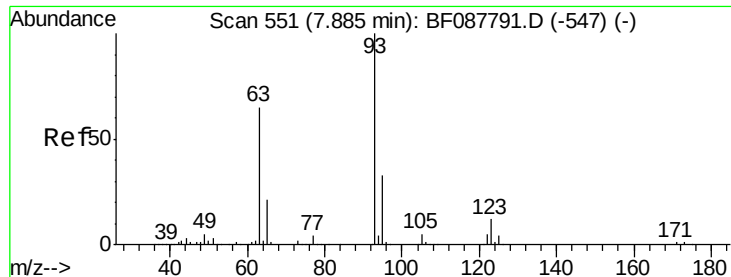
#27
 2,4-Dimethylphenol
 Concen: 39.51 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.0	82.4	123.6
121	59.0	46.3	69.5



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

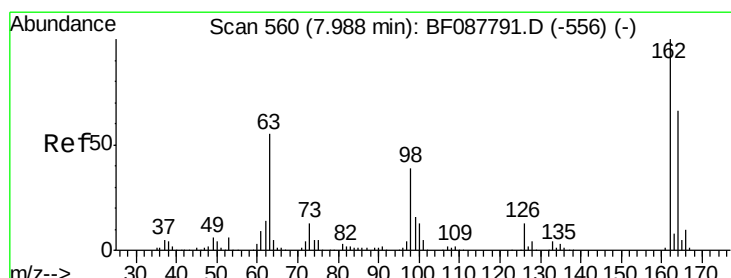
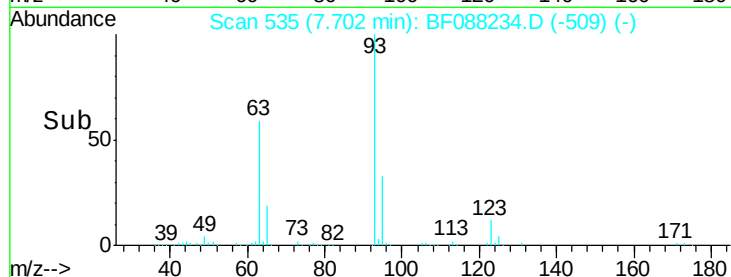
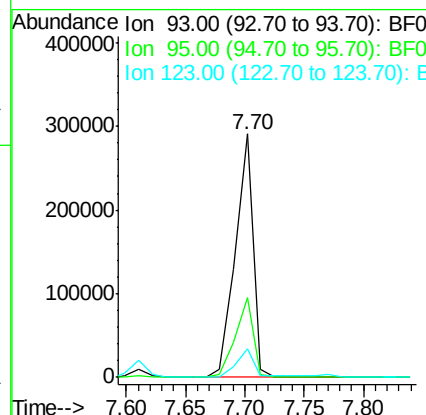
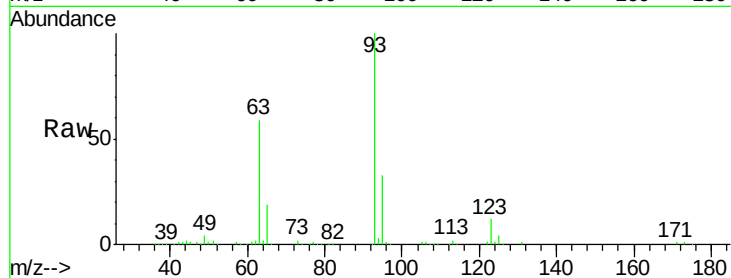




#28
bis(2-Chloroethoxy)methane
Concen: 44.37 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

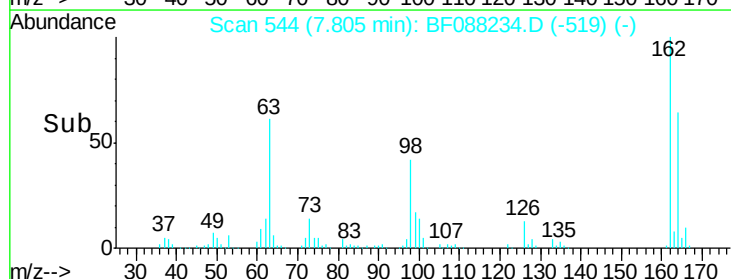
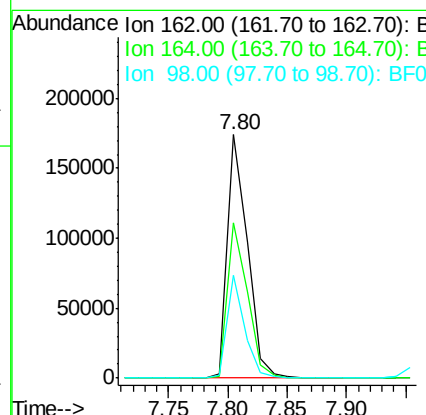
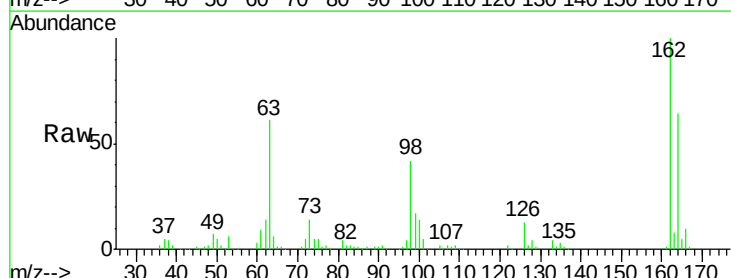
Instrument :
BNA_F
ClientSampleId :
PB91495BS

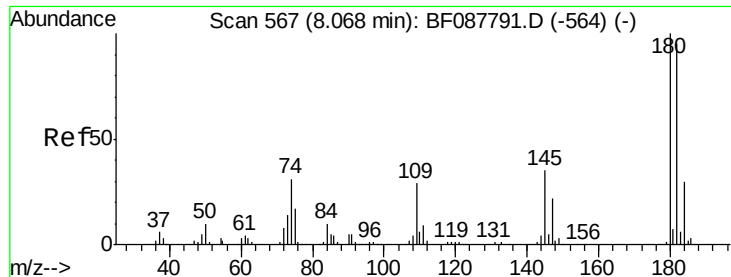
Tgt Ion: 93 Resp: 301787
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 12.0 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 42.64 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Tgt Ion: 162 Resp: 201351
Ion Ratio Lower Upper
162 100
164 63.9 43.8 83.8
98 42.3 21.3 61.3

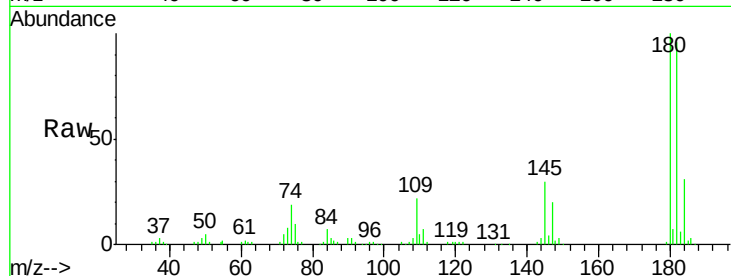




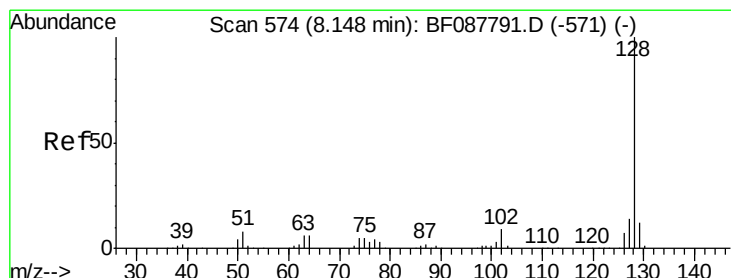
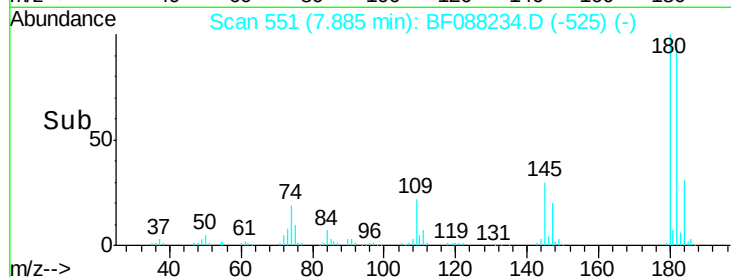
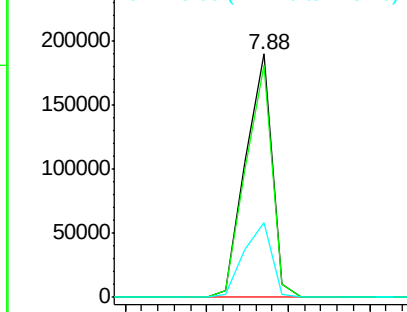
#30
 1,2,4-Trichlorobenzene
 Concen: 41.35 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BS

Tgt Ion:180 Resp: 212624
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.0 114.0
 145 30.5 26.5 39.7

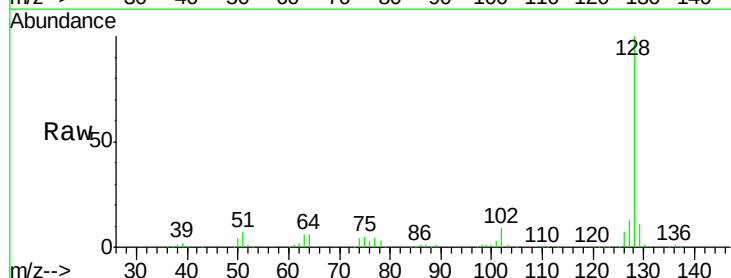


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

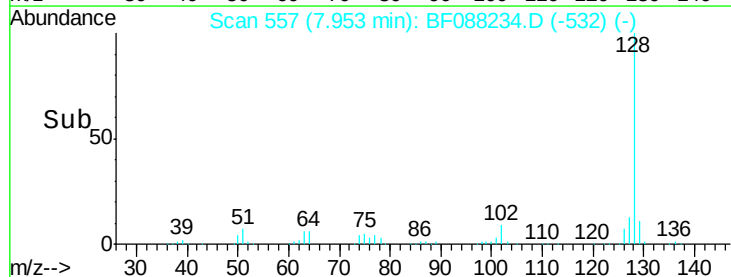
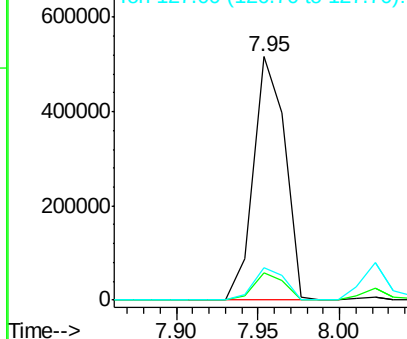


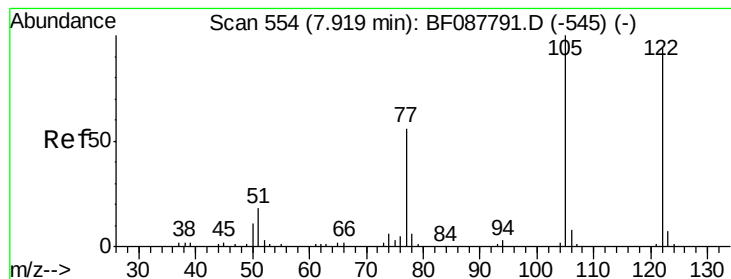
#31
 Naphthalene
 Concen: 40.56 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Tgt Ion:128 Resp: 693837
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.2
 127 13.2 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: 37.81 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

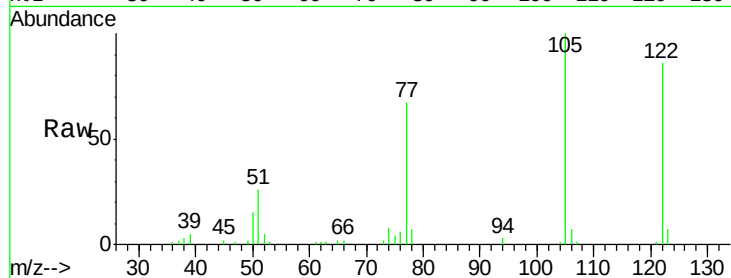
Tgt Ion:122 Resp: 117762

Ion Ratio Lower Upper

122 100

105 116.8 101.6 141.6

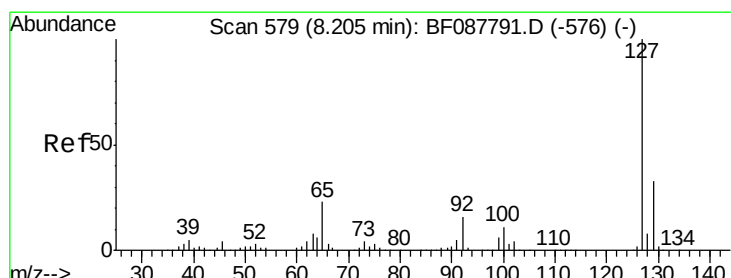
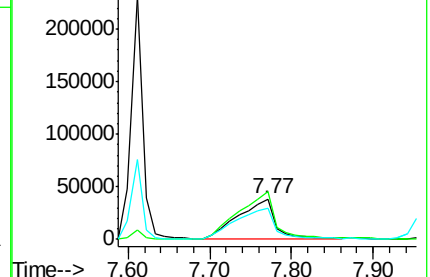
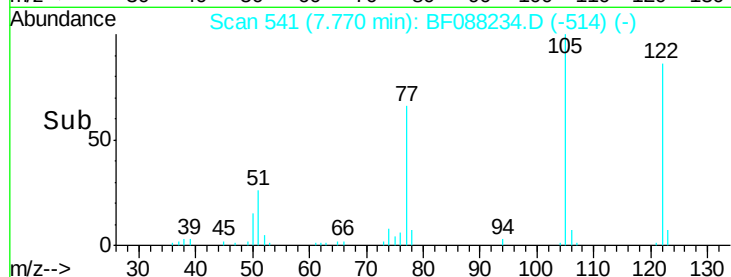
77 78.3 70.6 110.6



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: 13.79 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Tgt Ion:127 Resp: 105330

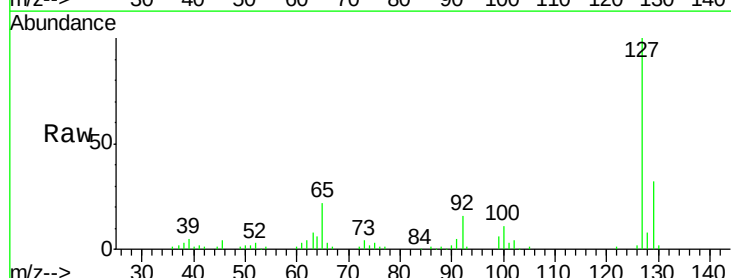
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 22.2 24.7 37.1#

92 16.1 15.4 23.0

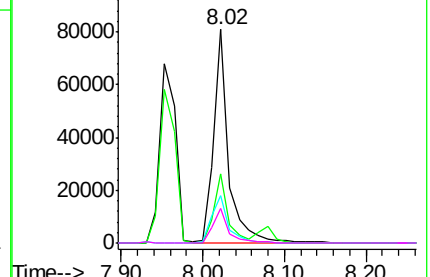
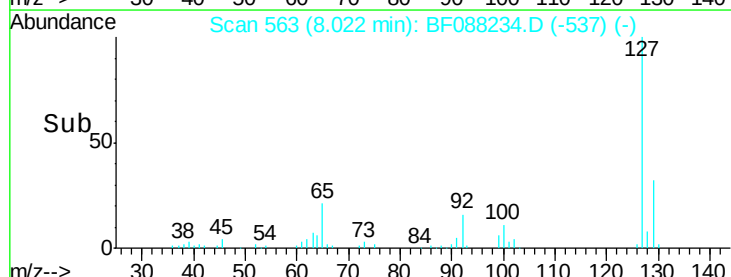


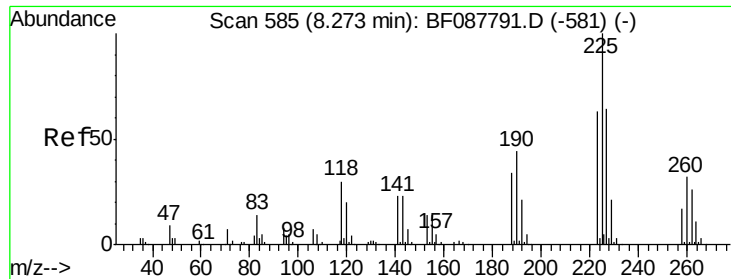
Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.14 ng

RT: 8.08 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

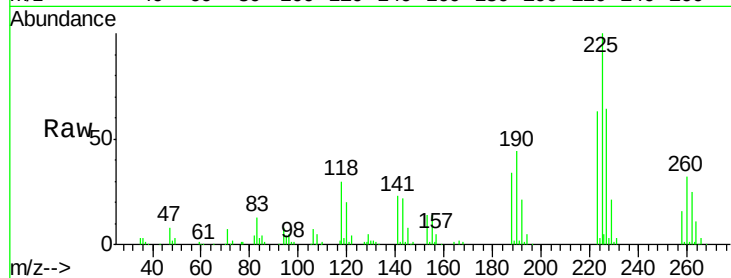
Tgt Ion:225 Resp: 114272

Ion Ratio Lower Upper

225 100

223 62.8 50.9 76.3

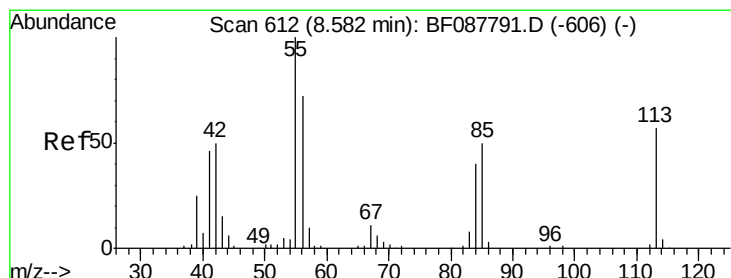
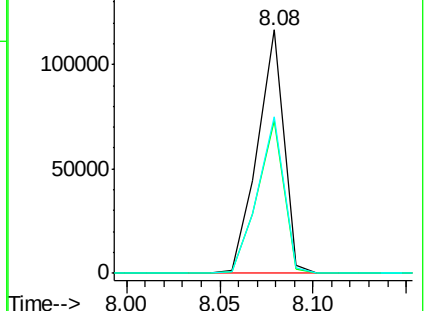
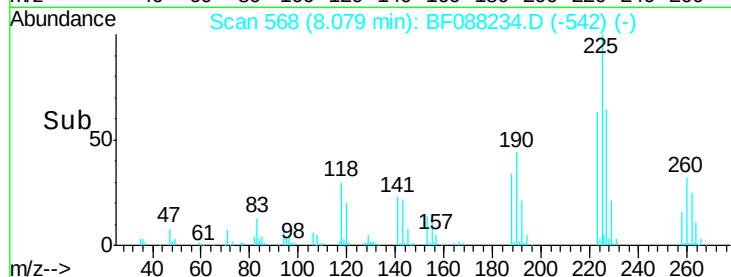
227 64.4 51.9 77.9



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: 27.21 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

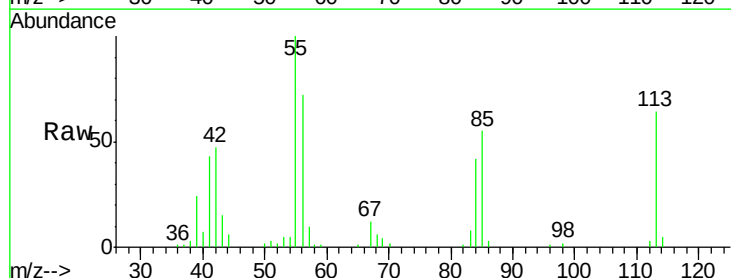
Tgt Ion:113 Resp: 42569

Ion Ratio Lower Upper

113 100

55 155.8 158.6 198.6#

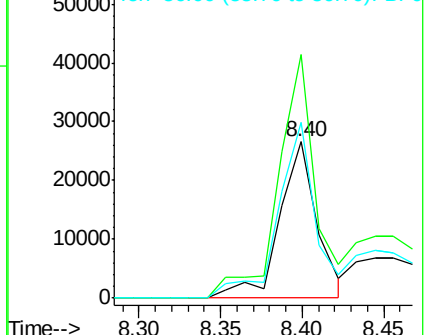
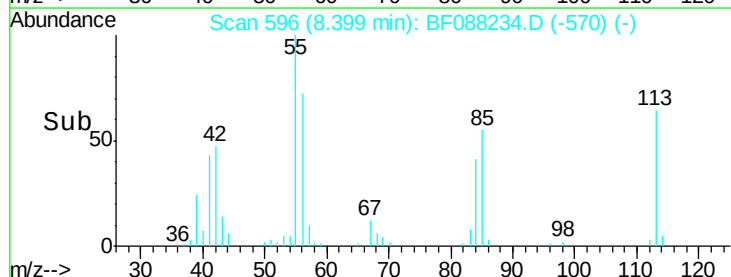
56 112.5 110.6 150.6

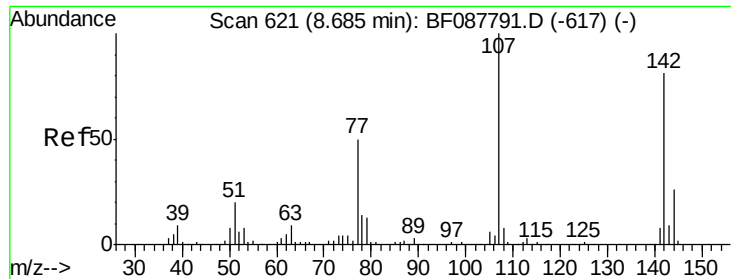


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

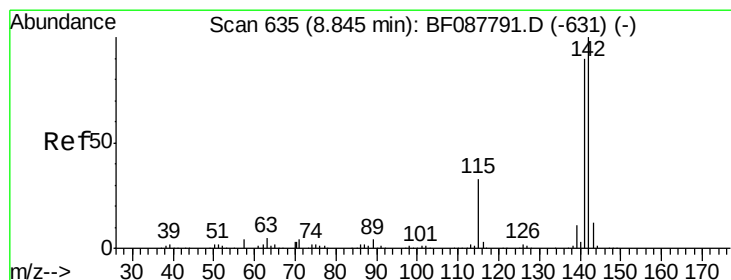
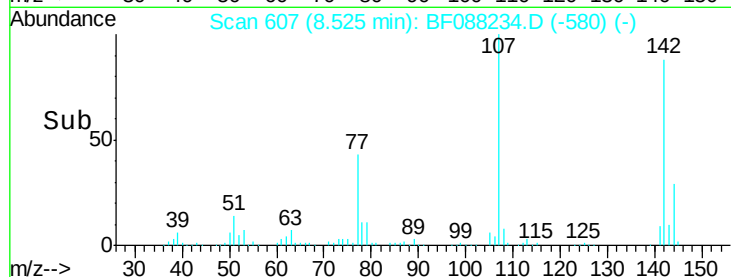
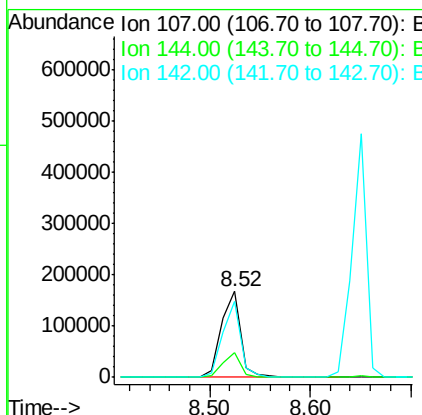
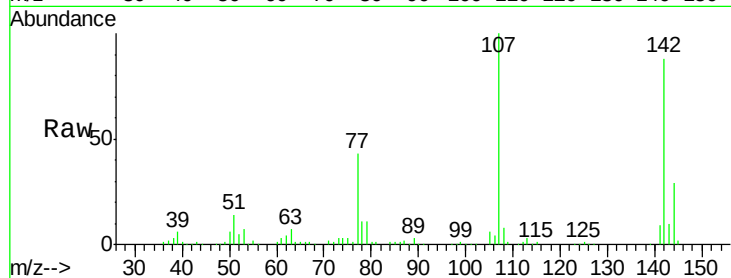




#36
 4-Chloro-3-methylphenol
 Concen: 44.33 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

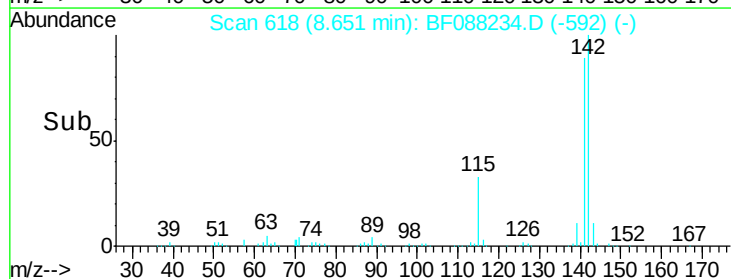
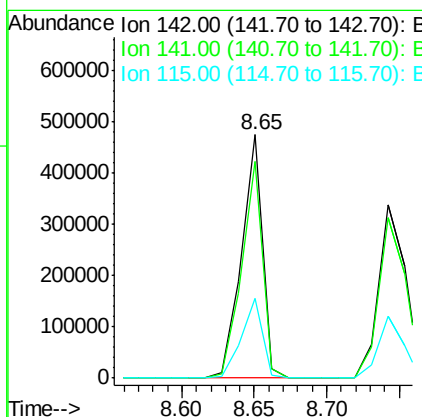
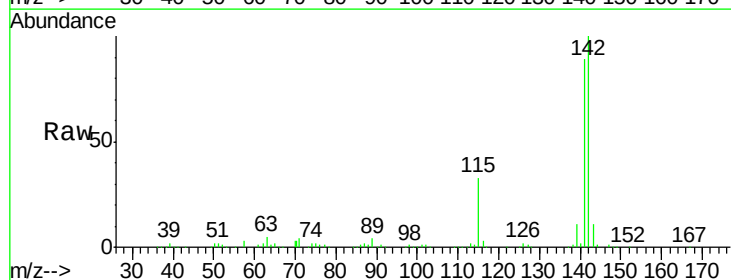
Instrument :
 BNA_F
 ClientSampleId :
 PB91495BS

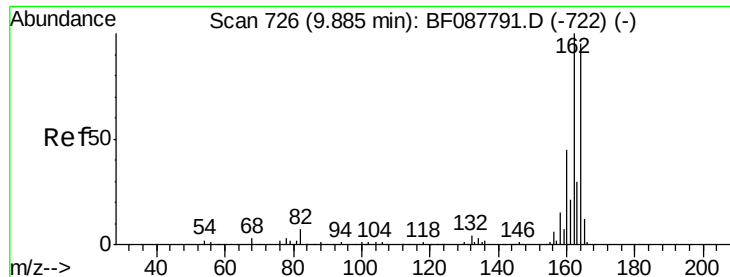
Tgt Ion:107 Resp: 223897
 Ion Ratio Lower Upper
 107 100
 144 28.8 20.8 31.2
 142 87.8 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 42.25 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Tgt Ion:142 Resp: 476416
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.0 106.6
 115 32.6 22.6 33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

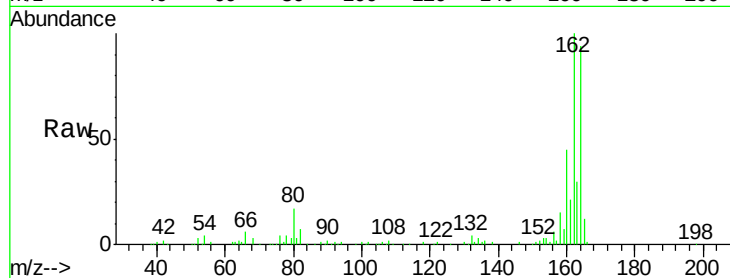
Tgt Ion:164 Resp: 164238

Ion Ratio Lower Upper

164 100

162 106.6 85.4 128.2

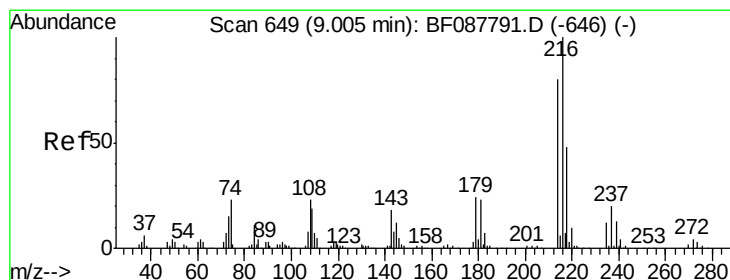
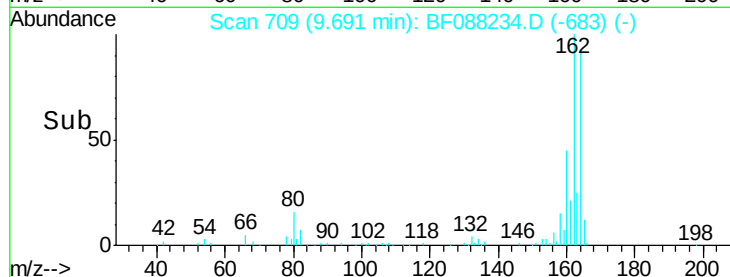
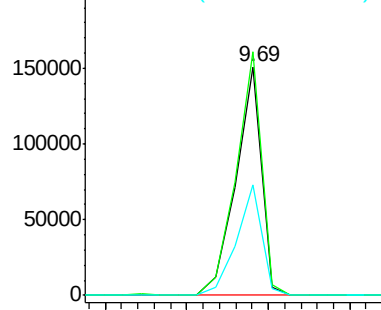
160 48.3 39.5 59.3



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: 47.65 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Tgt Ion:216 Resp: 199611

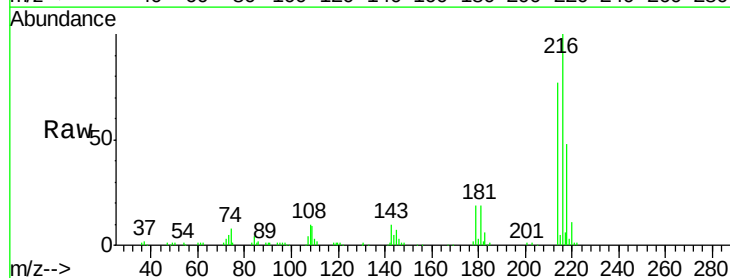
Ion Ratio Lower Upper

216 100

214 78.2 2.9 4.3#

179 21.7 0.0 0.0#

108 19.3 0.5 0.7#

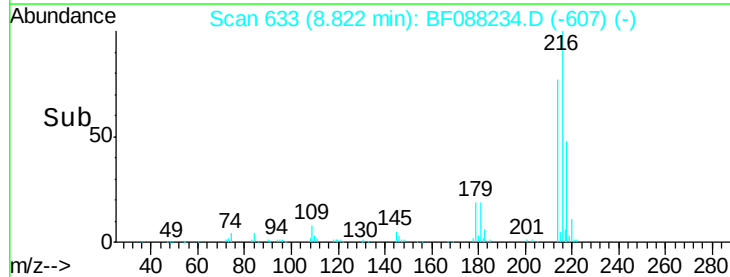
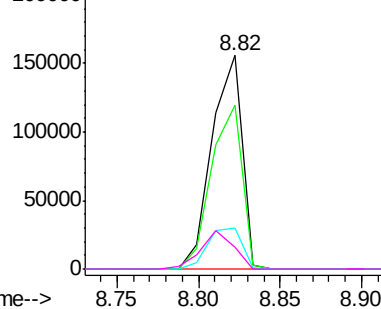


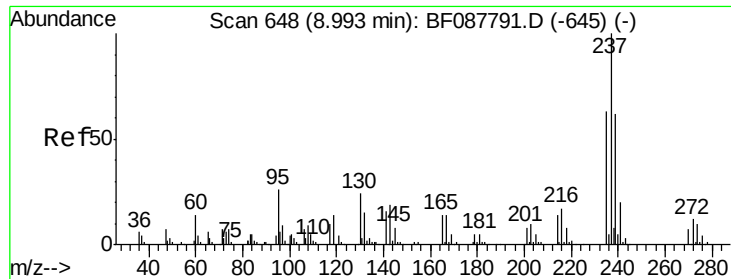
Abundance Ion 216.00 (215.70 to 216.70): E

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

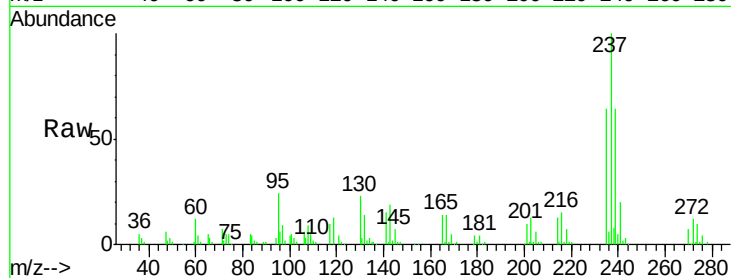




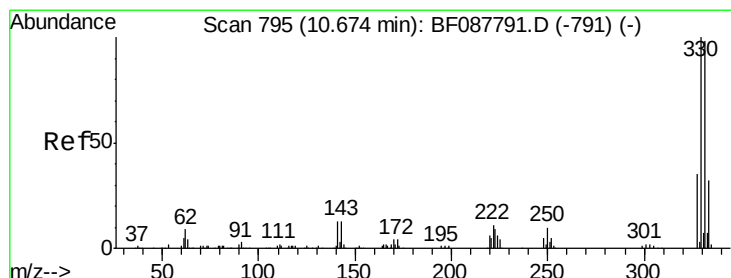
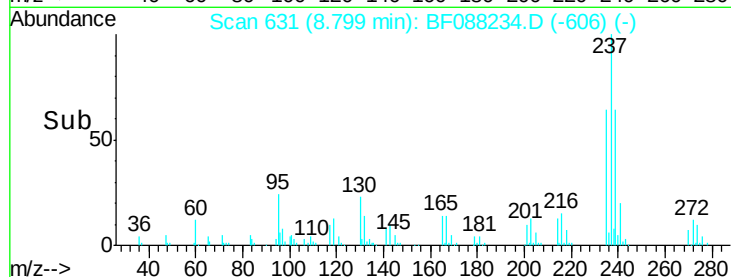
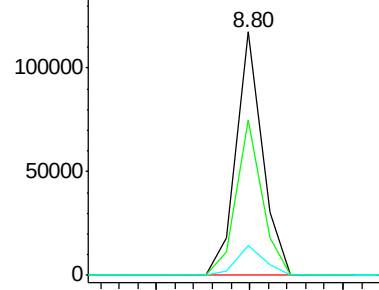
#40
Hexachlorocyclopentadiene
Concen: 43.00 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Instrument :
BNA_F
ClientSampleId :
PB91495BS

Tgt Ion: 237 Resp: 113926
Ion Ratio Lower Upper
237 100
235 63.7 43.4 83.4
272 12.1 0.0 32.3

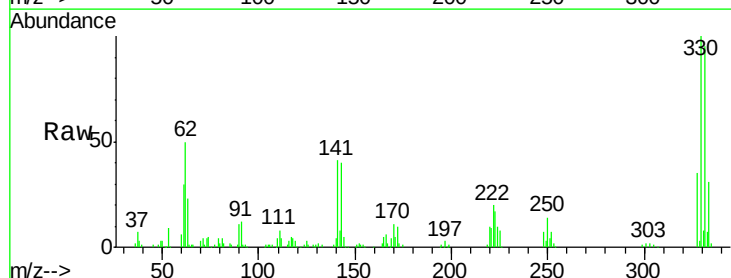


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

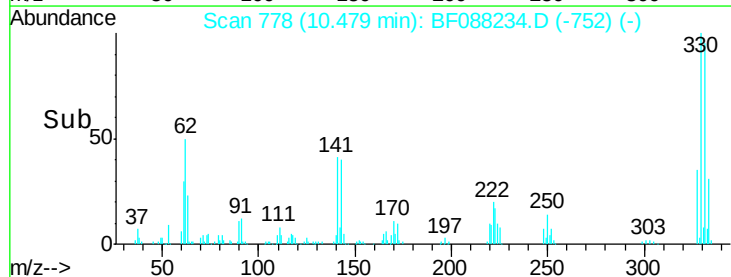
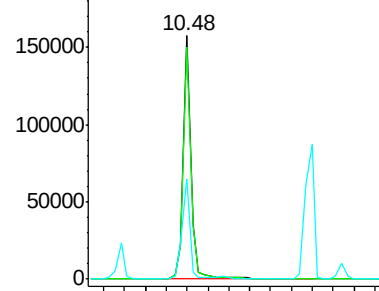


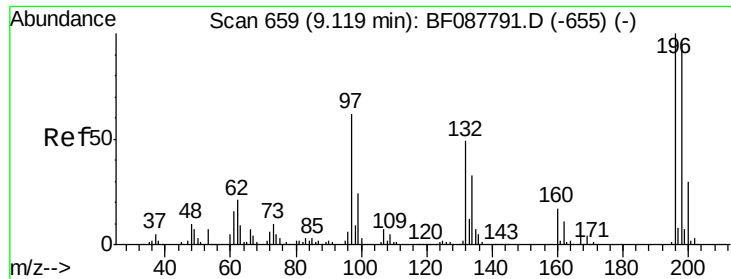
#41
2,4,6-Tribromophenol
Concen: 94.30 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Tgt Ion: 330 Resp: 163524
Ion Ratio Lower Upper
330 100
332 95.8 0.0 0.0#
141 40.7 0.0 0.0#



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

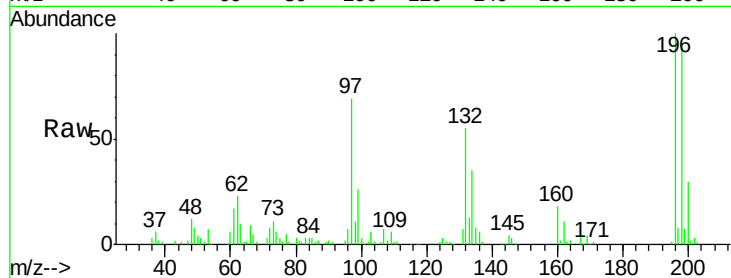




#42
 2,4,6-Trichlorophenol
 Concen: 37.59 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	78.0	117.0
200	29.9	25.4	38.2

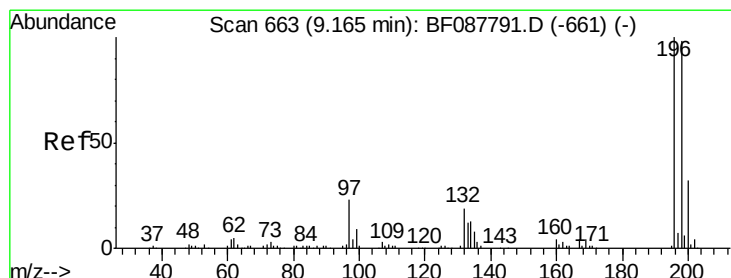
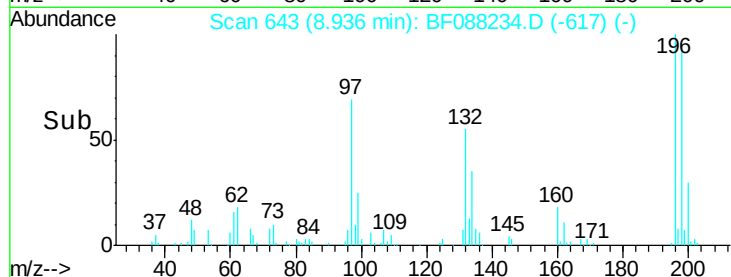
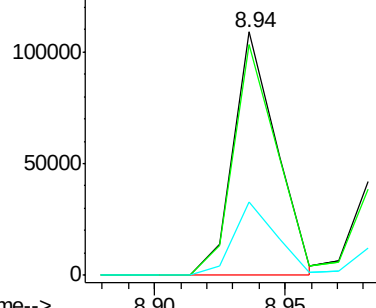


Abundance

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: 36.88 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.5	116.3
97	36.4	32.0	48.0
132	25.2	20.9	31.3

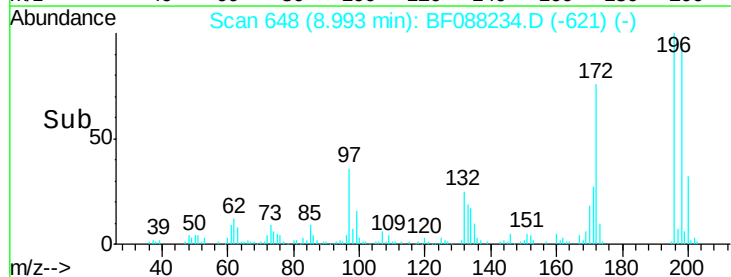
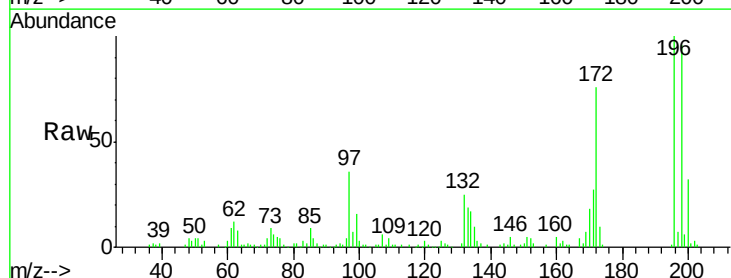
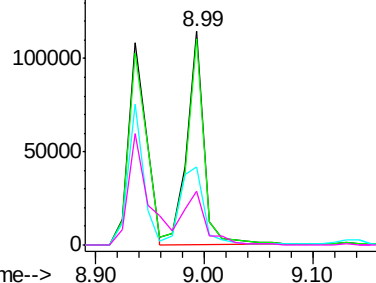
Abundance

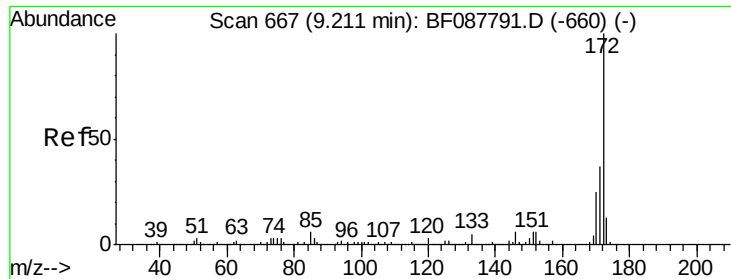
Ion 196.00 (195.70 to 196.70): E

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: 78.73 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

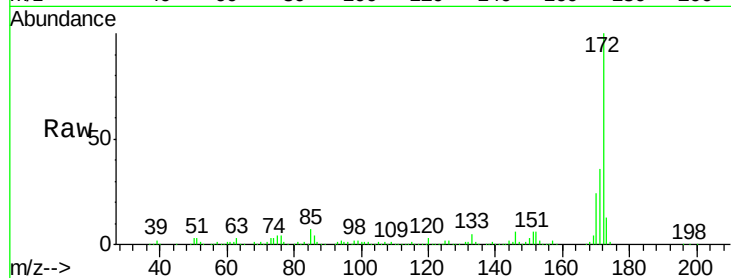
Tgt Ion:172 Resp: 827416

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

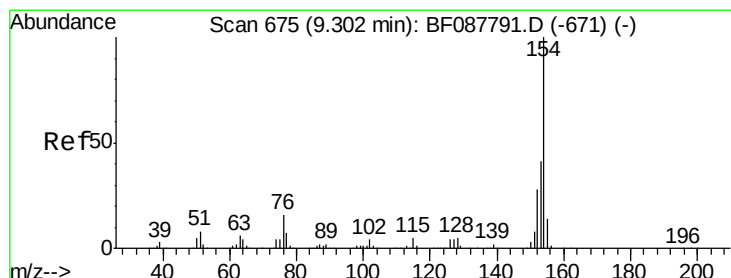
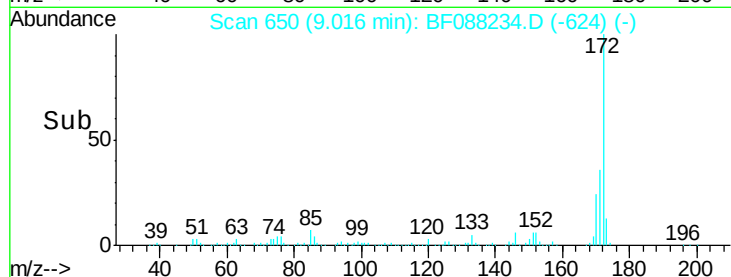
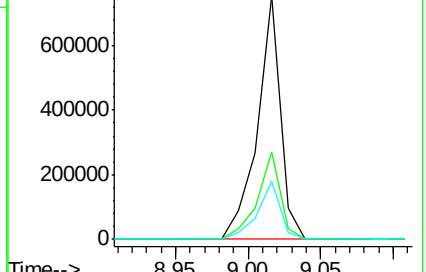
170 23.8 19.2 28.8



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: 47.21 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

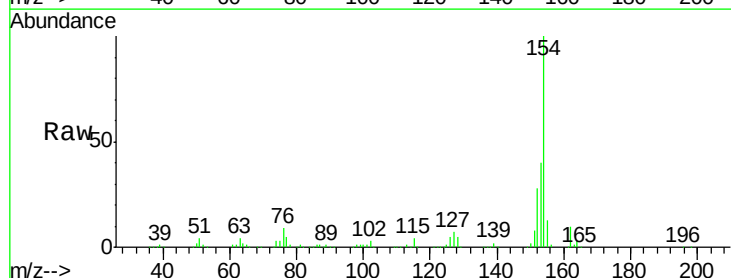
Tgt Ion:154 Resp: 578242

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

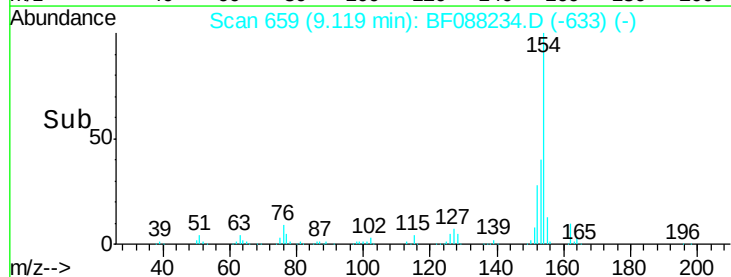
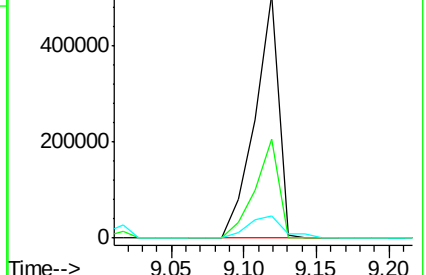
76 9.3 0.0 35.1

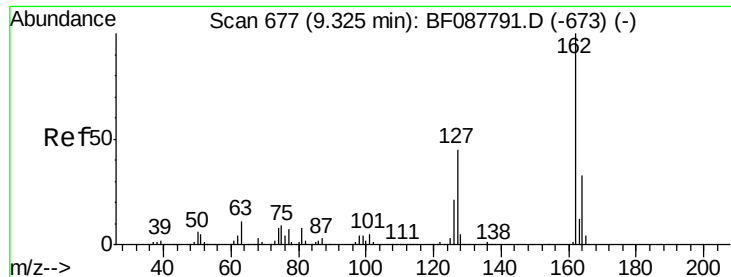


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

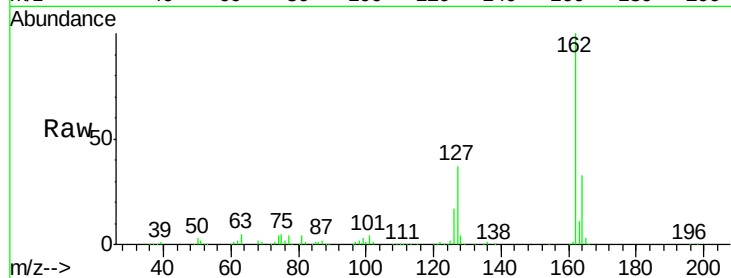




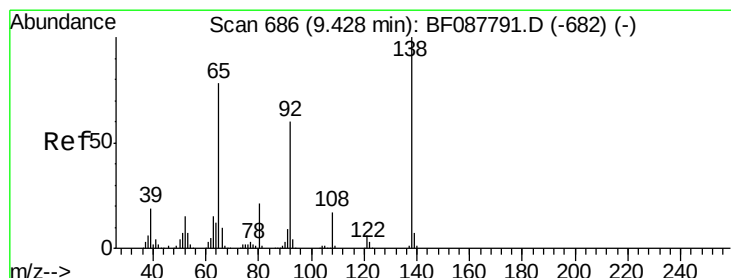
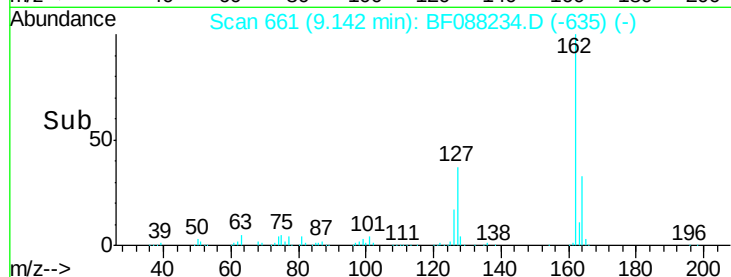
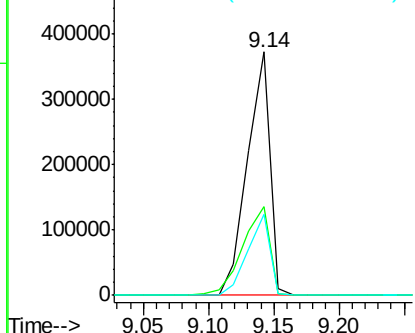
#46
 2-Chloronaphthalene
 Concen: 42.21 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BS

Tgt Ion: 162 Resp: 448647
 Ion Ratio Lower Upper
 162 100
 127 36.6 35.2 52.8
 164 33.4 26.6 39.8

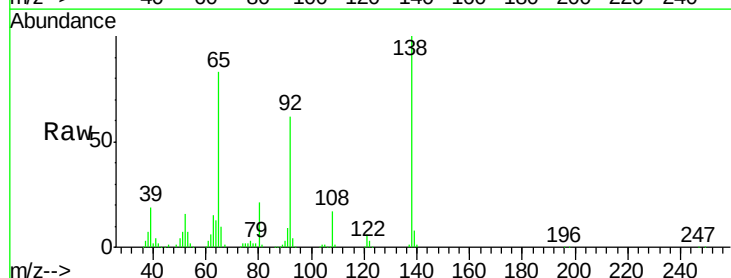


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

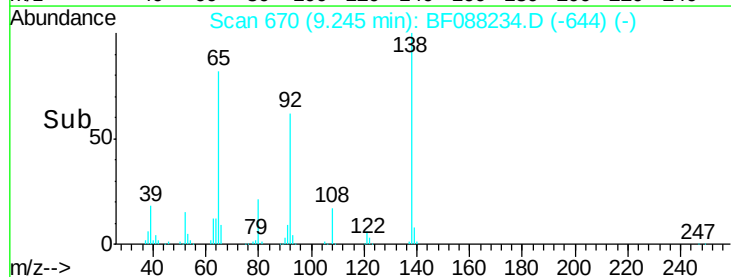
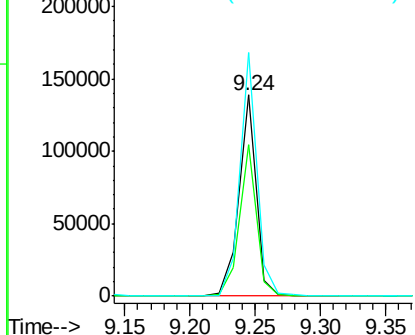


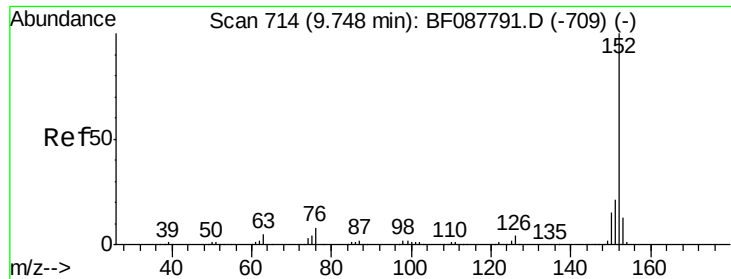
#47
 2-Nitroaniline
 Concen: 40.46 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Tgt Ion: 65 Resp: 126848
 Ion Ratio Lower Upper
 65 100
 92 75.3 54.6 82.0
 138 121.1 77.0 115.4#



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





#48

Acenaphthylene

Concen: 40.96 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

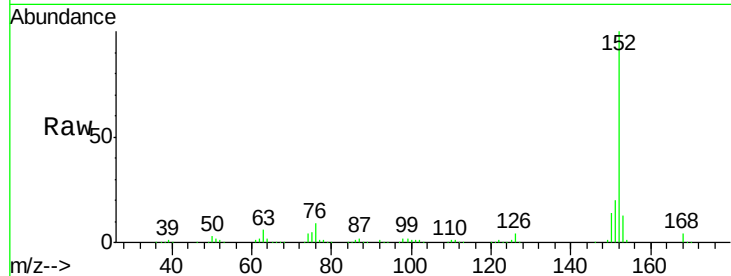
Tgt Ion:152 Resp: 692481

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.1 11.0 16.6

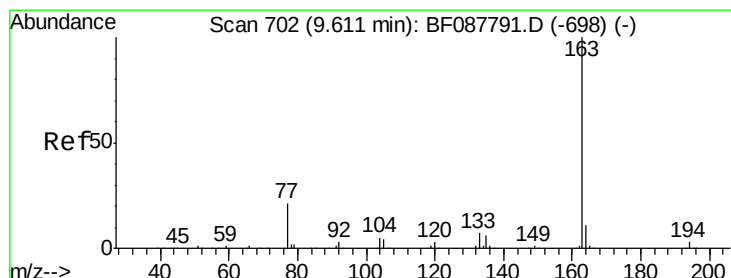
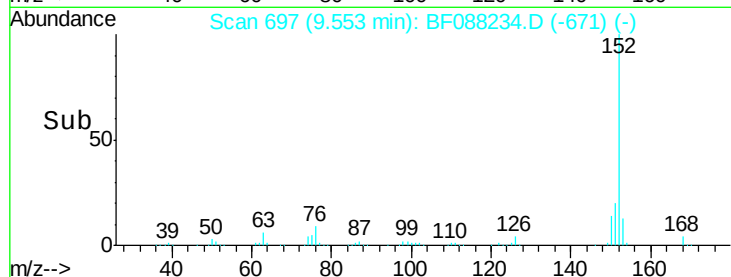
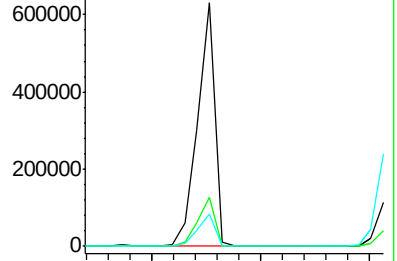


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

9.55



#49

Dimethylphthalate

Concen: 42.91 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

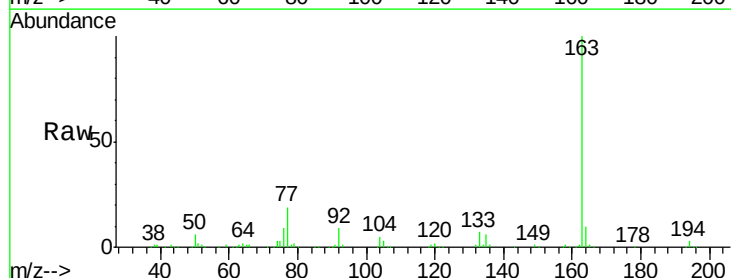
Tgt Ion:163 Resp: 510535

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

164 10.3 8.3 12.5

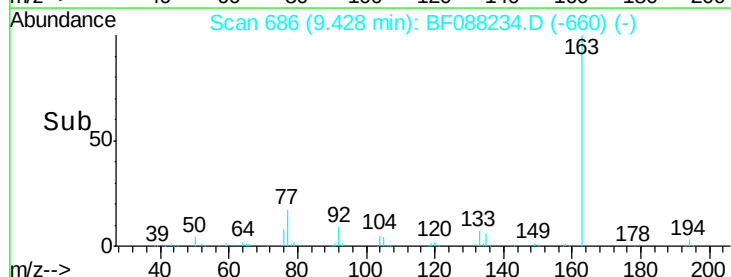
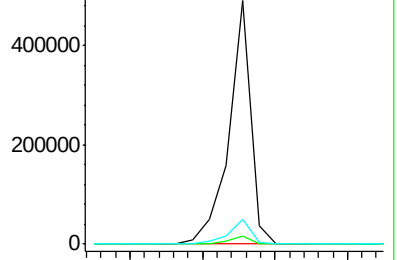


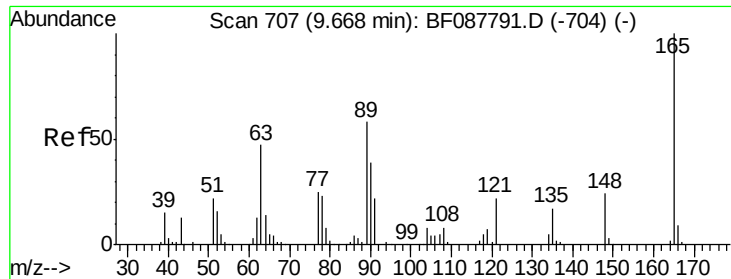
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.43

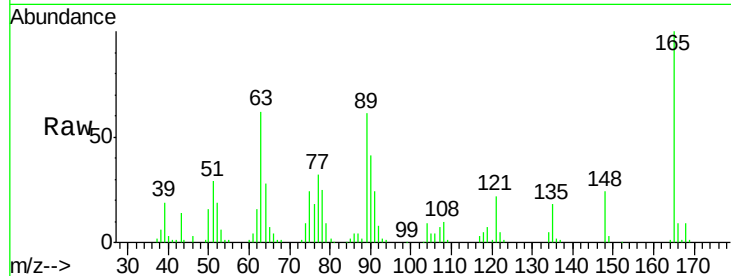




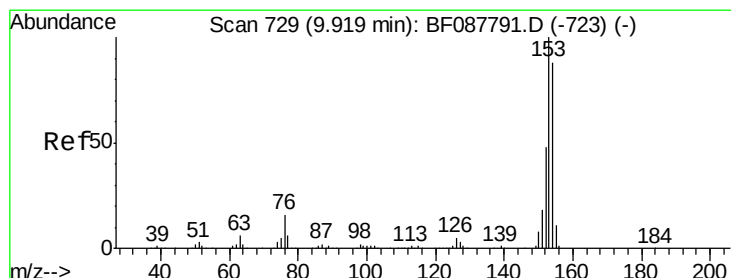
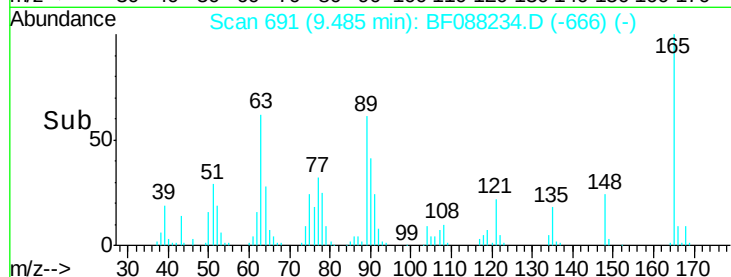
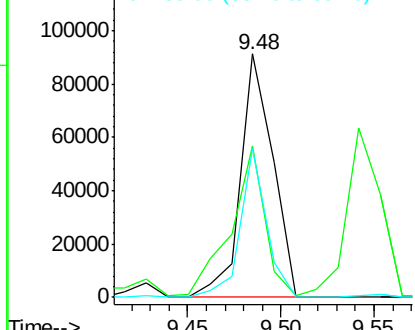
#50
2,6-Dinitrotoluene
Concen: 40.20 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Instrument :
BNA_F
ClientSampleId :
PB91495BS

Tgt Ion:165 Resp: 109529
Ion Ratio Lower Upper
165 100
63 62.1 28.1 42.1#
89 61.3 32.2 48.2#

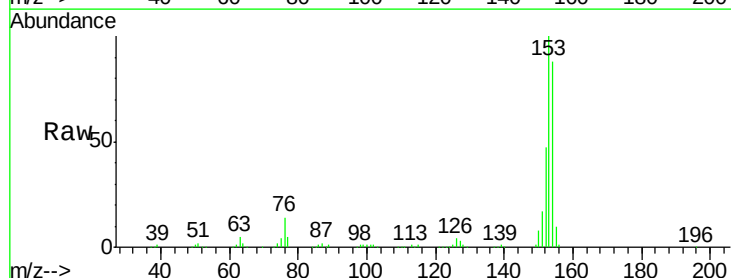


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

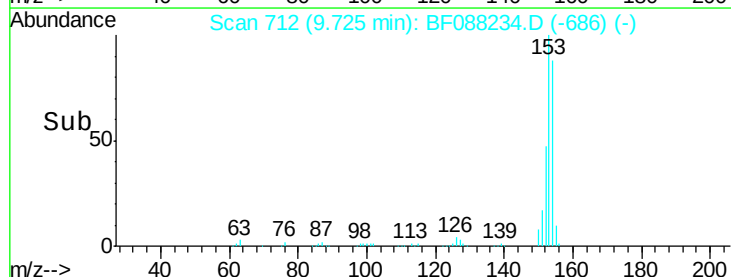
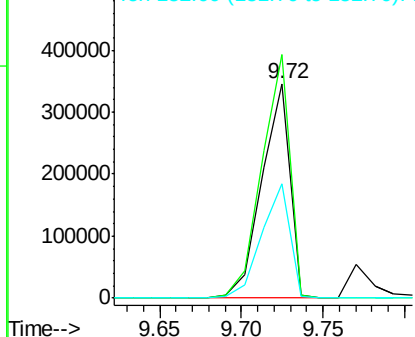


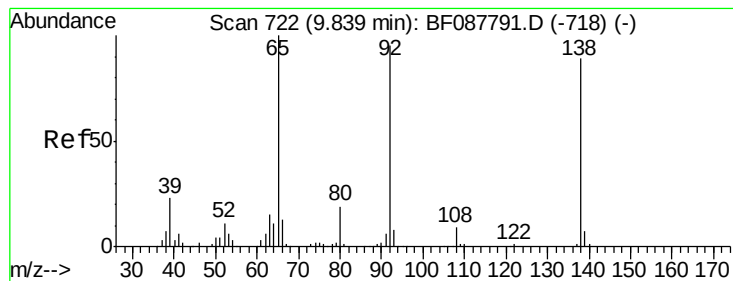
#51
Acenaphthene
Concen: 39.36 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Tgt Ion:154 Resp: 415111
Ion Ratio Lower Upper
154 100
153 113.6 89.5 134.3
152 53.4 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: 20.63 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

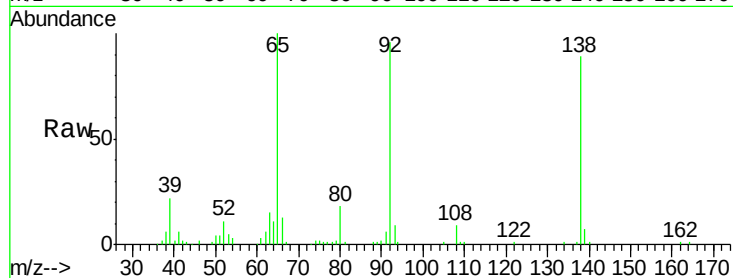
Tgt Ion:138 Resp: 64846

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

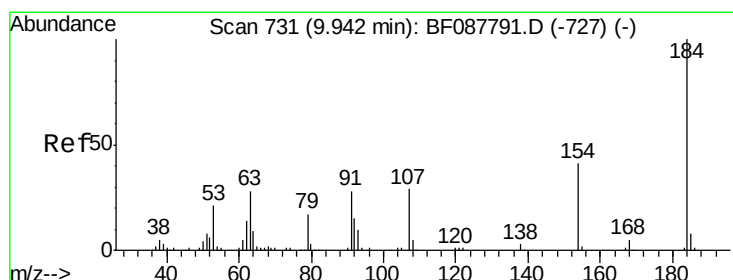
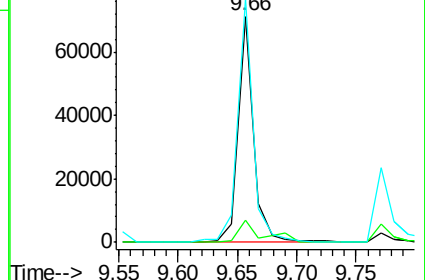
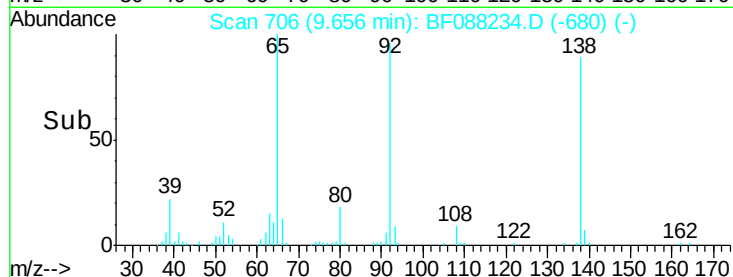
92 107.6 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 68.00 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

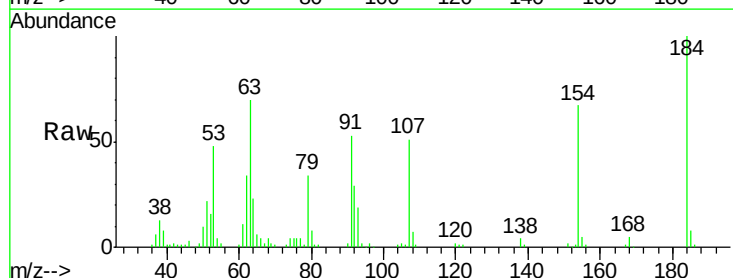
Tgt Ion:184 Resp: 97488

Ion Ratio Lower Upper

184 100

63 69.8 57.6 86.4

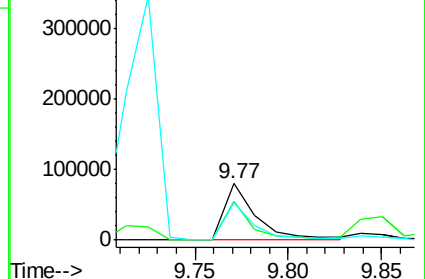
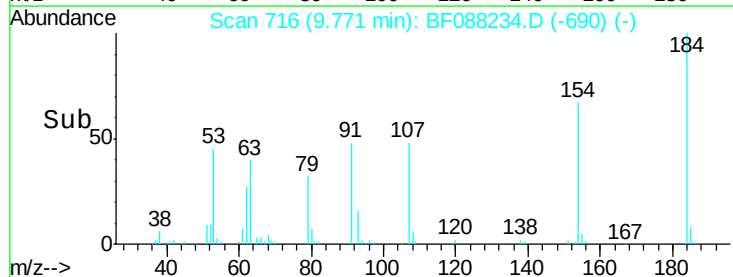
154 67.1 53.5 80.3

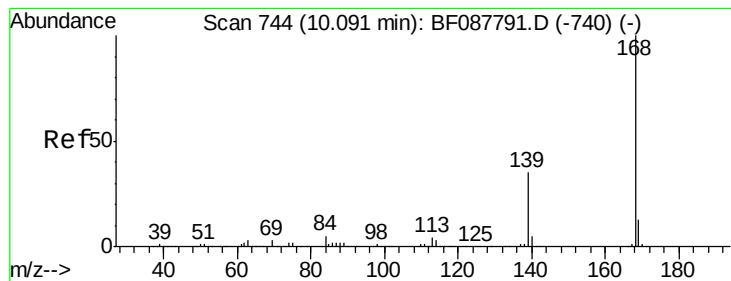


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 39.29 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

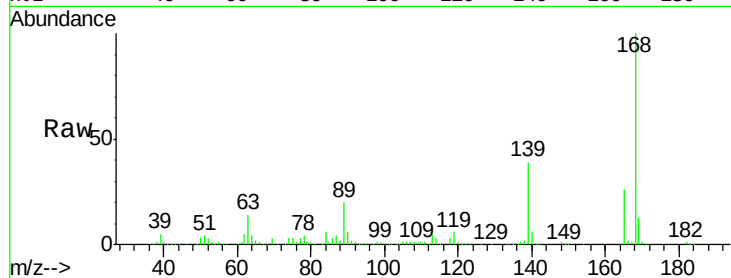
Tgt Ion:168 Resp: 570690

Ion Ratio Lower Upper

168 100

139 39.0 26.4 39.6

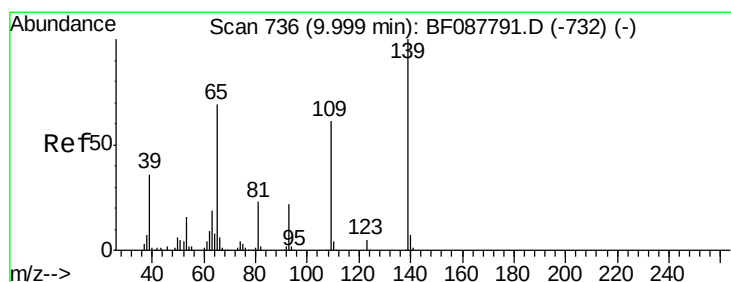
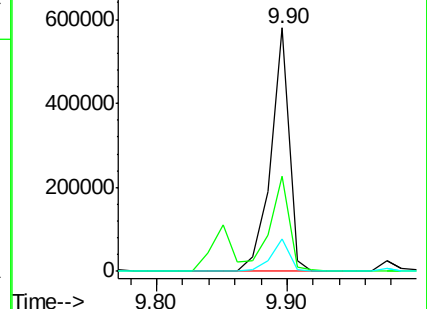
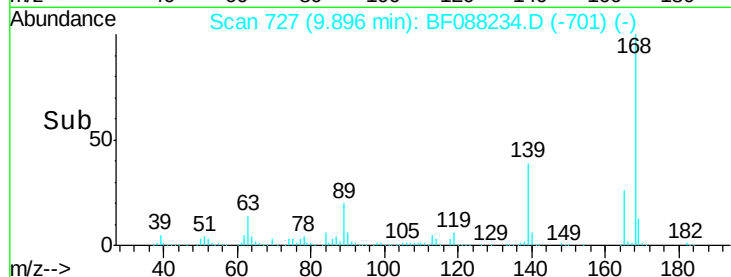
169 13.5 10.4 15.6



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: 49.52 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

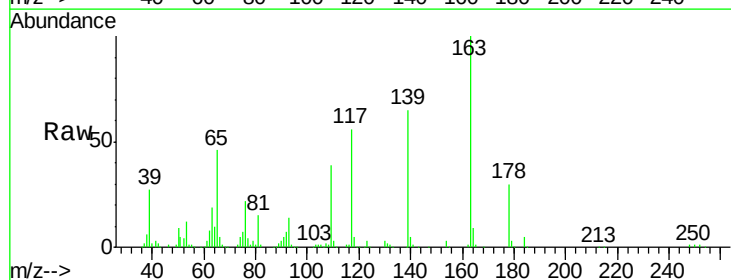
Tgt Ion:139 Resp: 120835

Ion Ratio Lower Upper

139 100

109 59.5 48.9 88.9

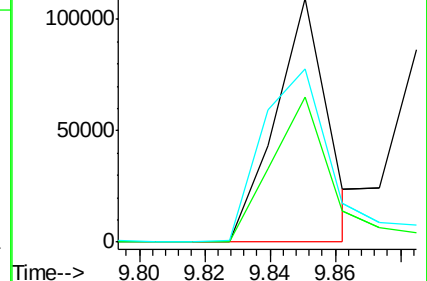
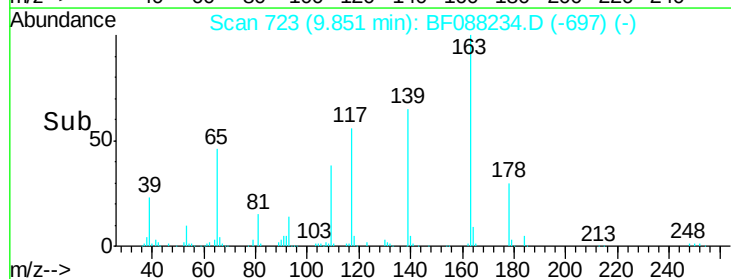
65 71.1 84.9 124.9#

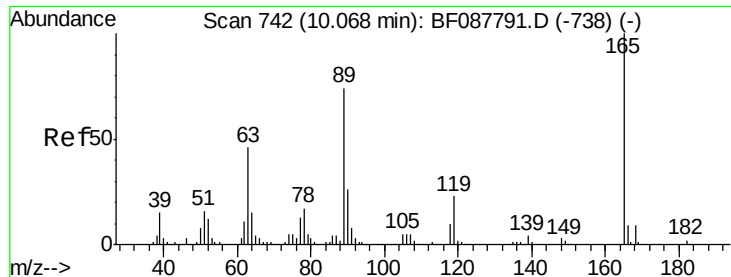


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

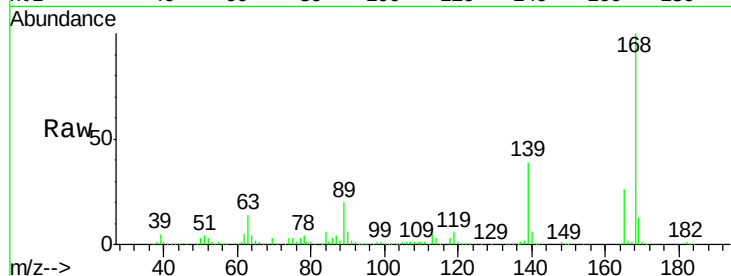




#56
2,4-Dinitrotoluene
Concen: 39.96 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Instrument :
BNA_F
ClientSampleId :
PB91495BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.2	22.0	33.0#
89	76.9	41.1	61.7#
182	2.4	2.0	3.0

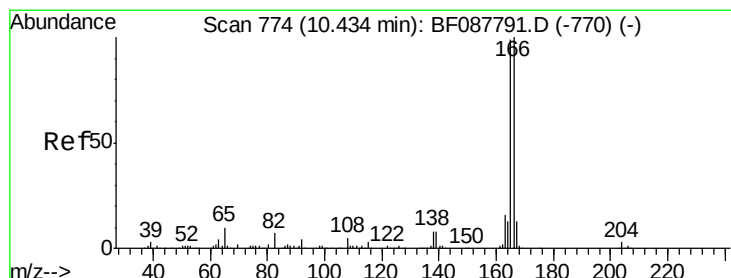
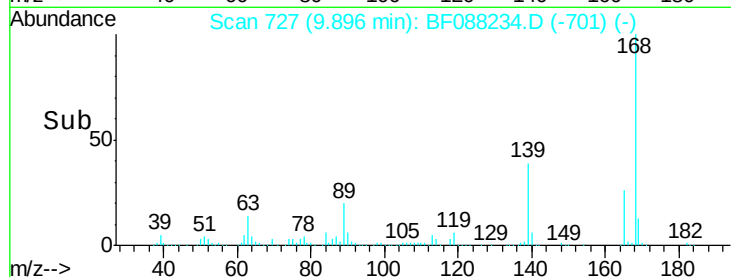
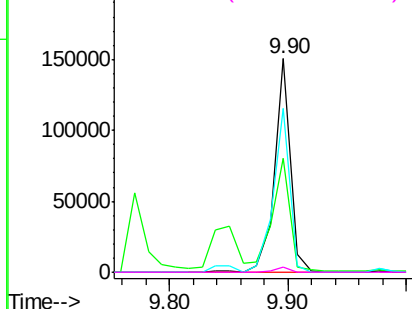


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

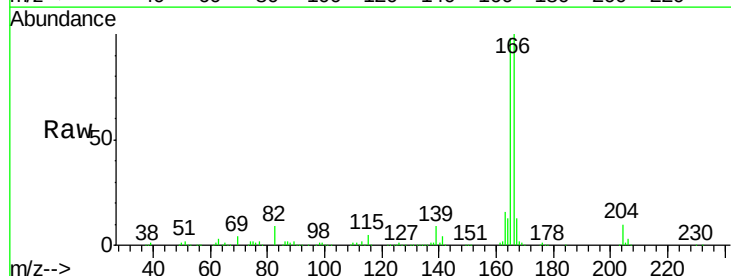
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 49.05 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

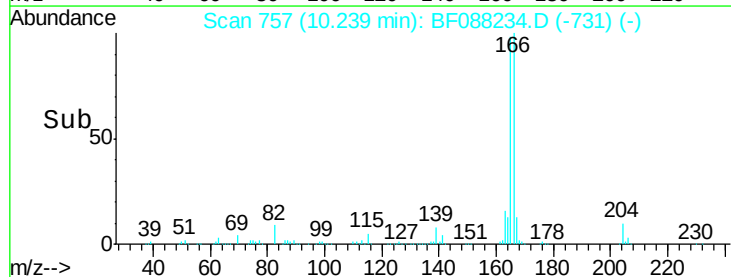
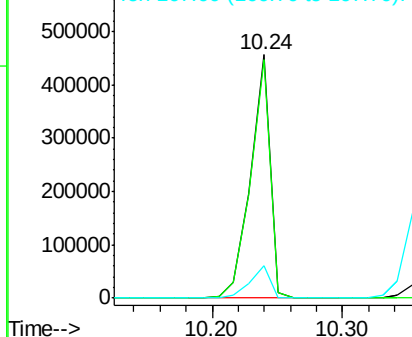
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.8
167	13.2	11.2	16.8

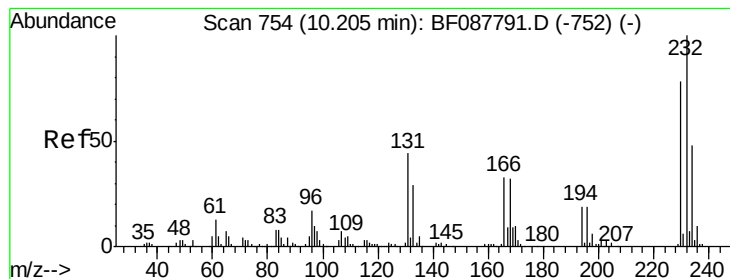


Abundance Ion 166.00 (165.70 to 166.70): E

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: 41.22 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

Tgt Ion:232 Resp: 110676

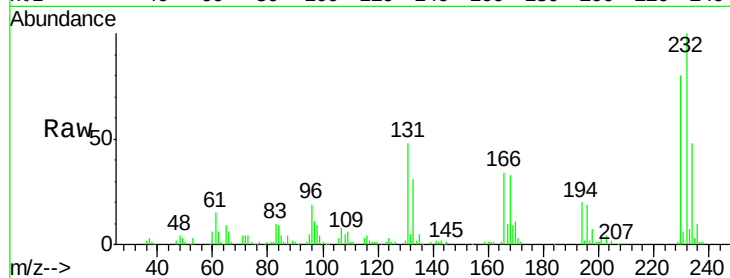
Ion Ratio Lower Upper

232 100

131 47.4 0.9 1.3#

130 2.2 1.5 2.3

166 31.2 0.5 0.7#

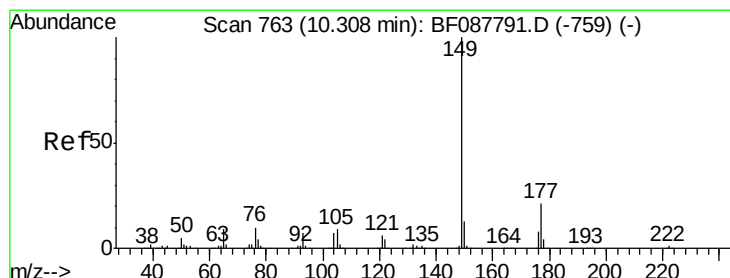
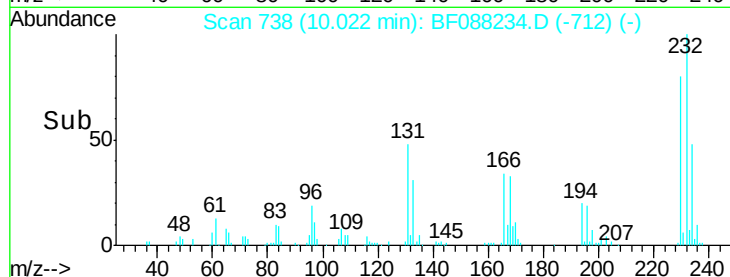
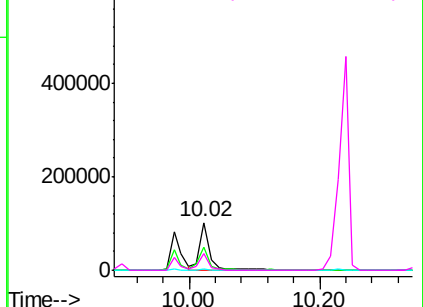


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 40.25 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

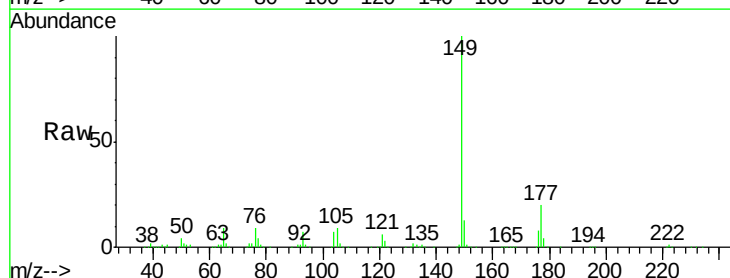
Tgt Ion:149 Resp: 484752

Ion Ratio Lower Upper

149 100

177 20.4 16.9 25.3

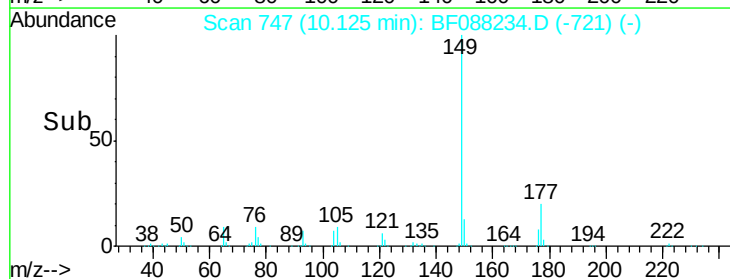
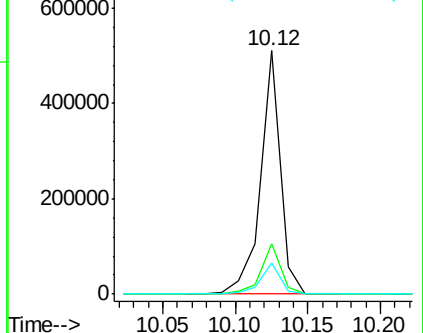
150 12.7 10.1 15.1

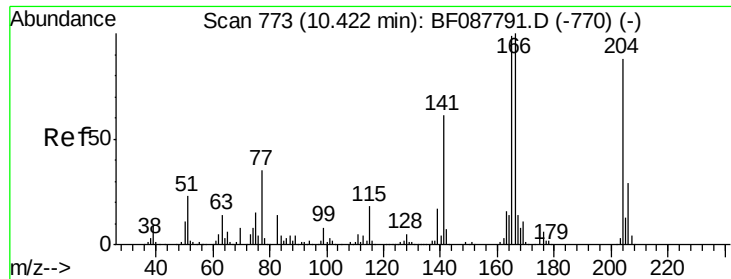


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

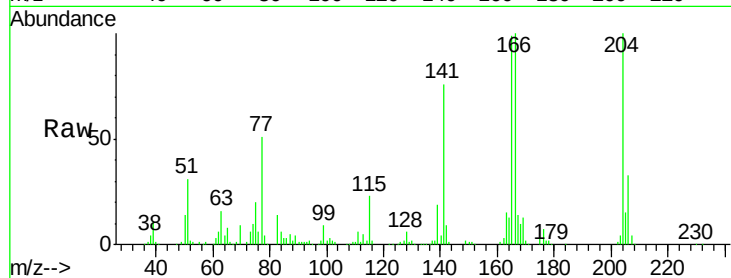




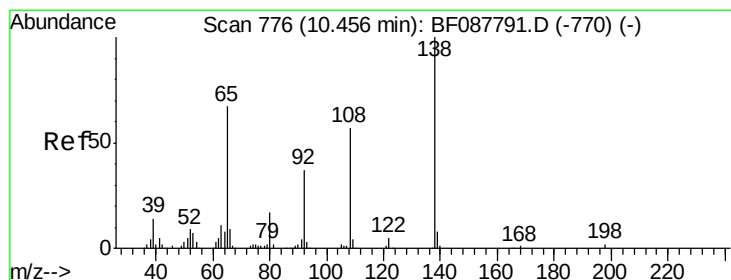
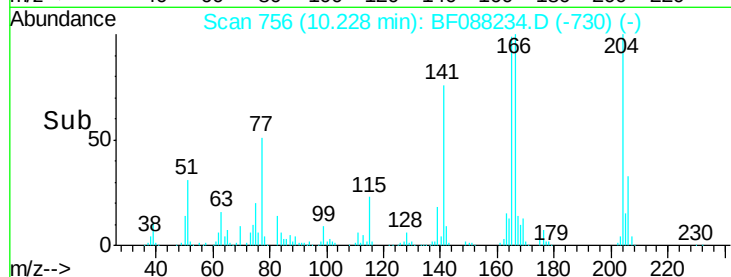
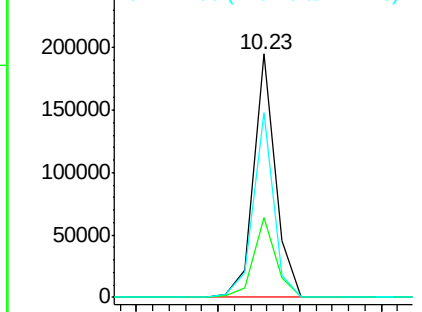
#60
 4-Chlorophenyl-phenylether
 Concen: 37.85 ng
 RT: 10.23 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BS

Tgt Ion:204 Resp: 182813
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.3 39.5
 141 76.0 55.0 82.6

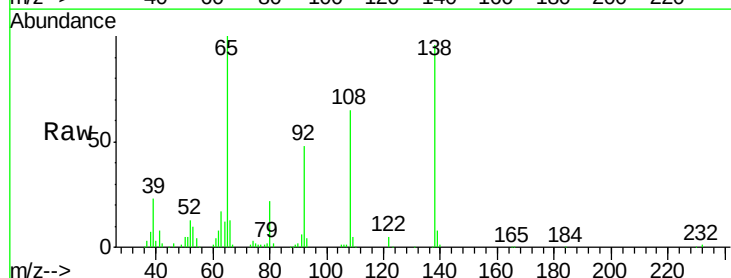


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

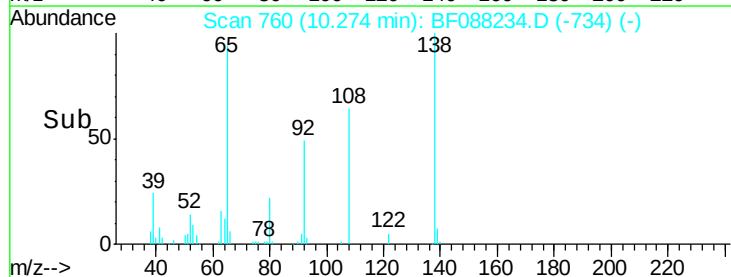
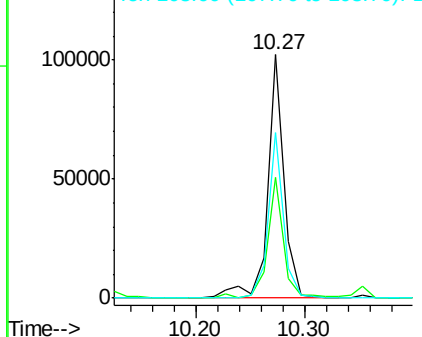


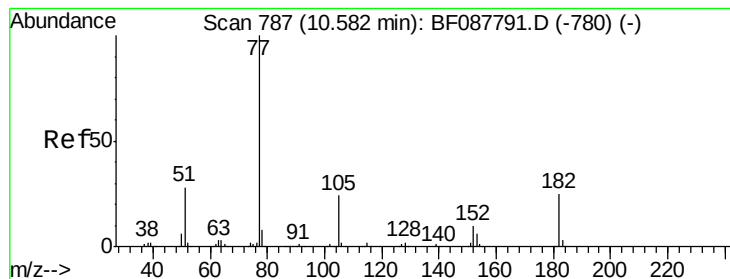
#61
 4-Nitroaniline
 Concen: 36.10 ng
 RT: 10.27 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Tgt Ion:138 Resp: 107658
 Ion Ratio Lower Upper
 138 100
 92 49.7 27.3 67.3
 108 67.9 46.7 86.7



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





#62

Azobenzene

Concen: 39.79 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

Tgt Ion: 77 Resp: 473810

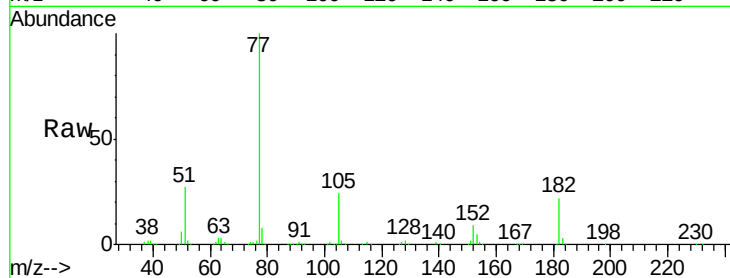
Ion Ratio Lower Upper

77 100

182 21.5 4.4 44.4

105 23.5 3.8 43.8

51 26.7 9.3 49.3

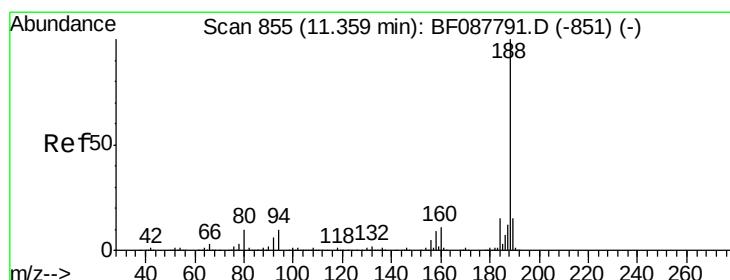
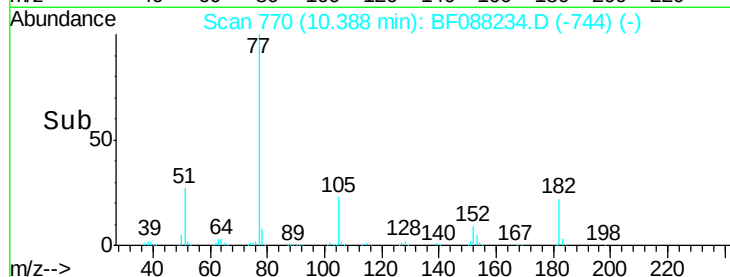
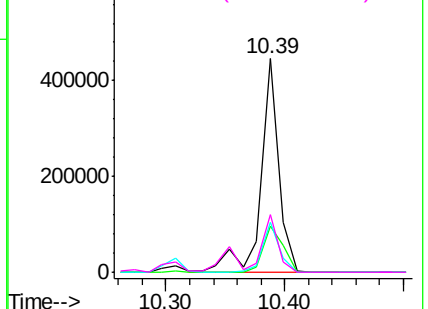


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.17 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

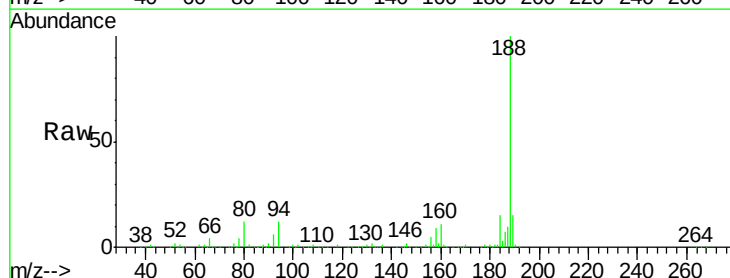
Tgt Ion: 188 Resp: 293152

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.6

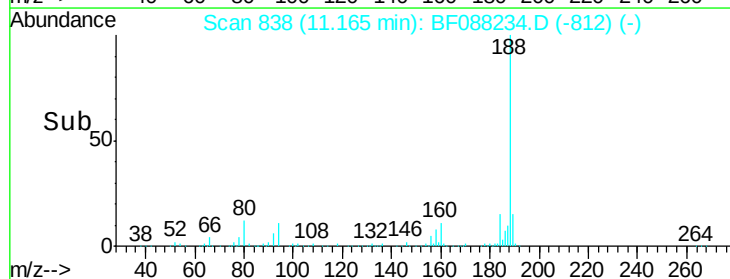
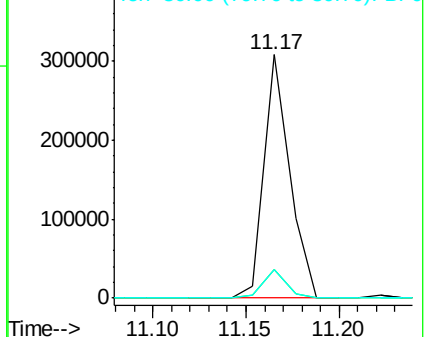
80 12.0 10.0 15.0

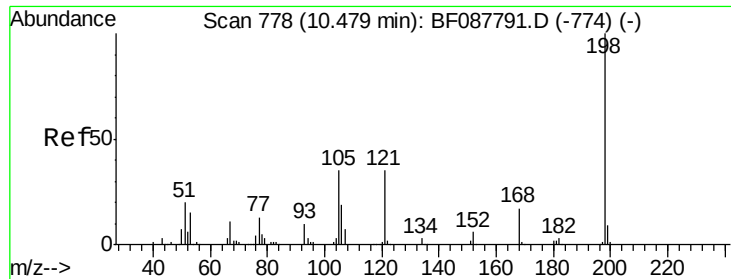


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 42.73 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

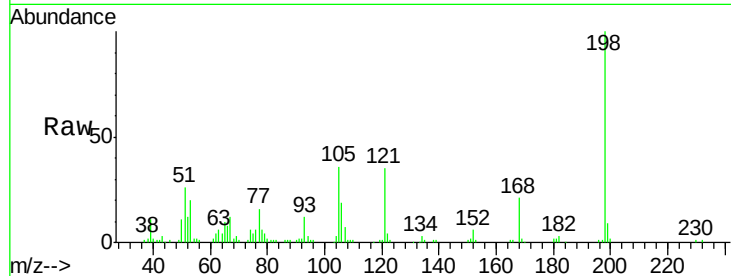
Tgt Ion:198 Resp: 77739

Ion Ratio Lower Upper

198 100

51 26.0 39.6 79.6#

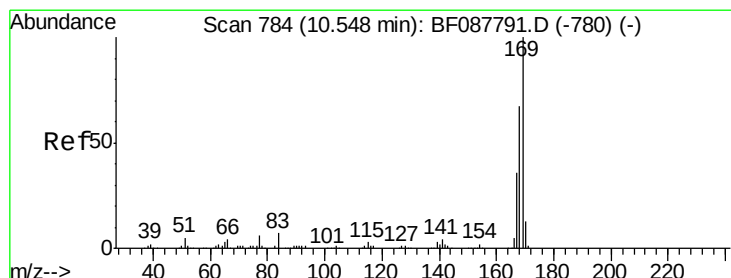
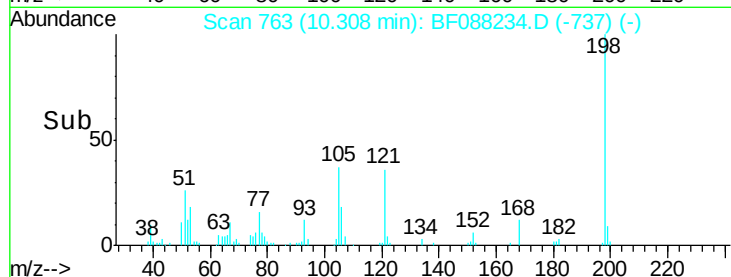
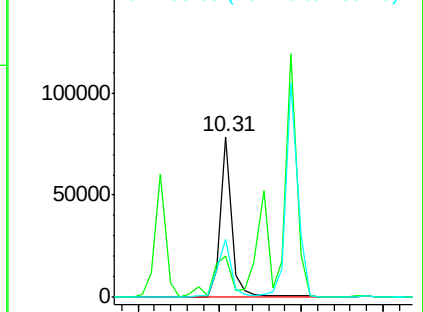
105 36.3 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 41.94 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

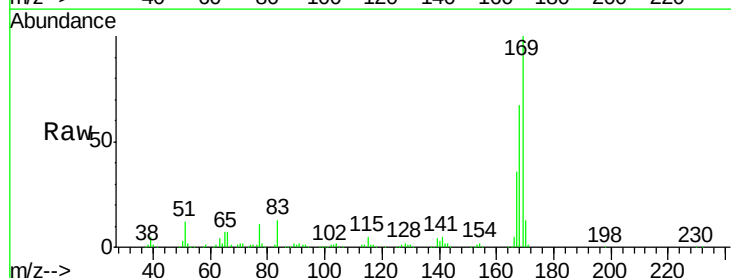
Tgt Ion:169 Resp: 408013

Ion Ratio Lower Upper

169 100

168 67.3 53.4 80.0

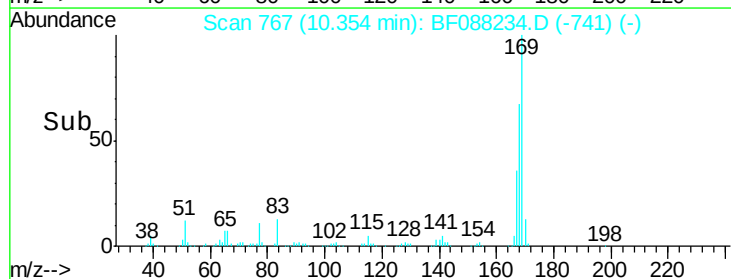
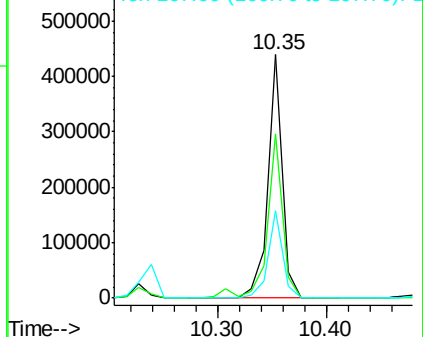
167 36.2 29.4 44.0

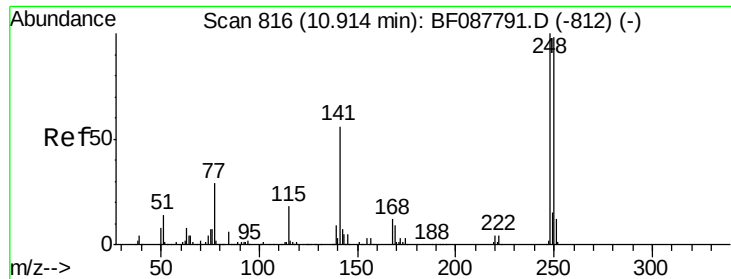


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

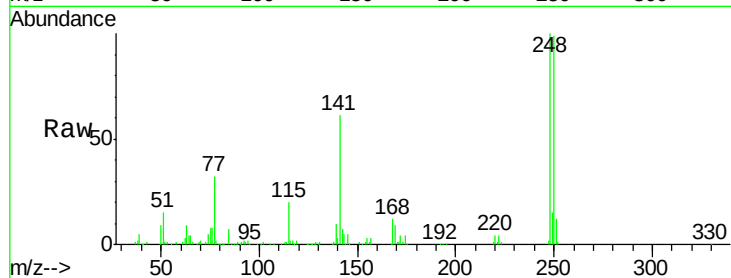




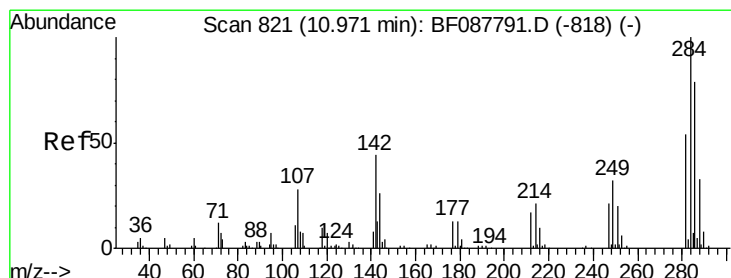
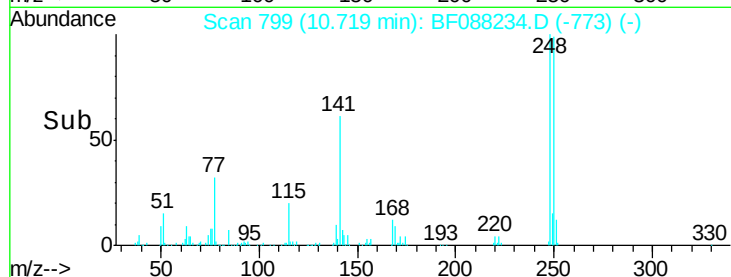
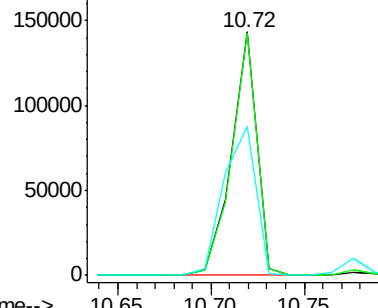
#66
 4-Bromophenyl-phenylether
 Concen: 42.52 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91495BS

Tgt Ion:248 Resp: 133721
 Ion Ratio Lower Upper
 248 100
 250 99.3 77.1 115.7
 141 61.0 50.6 76.0

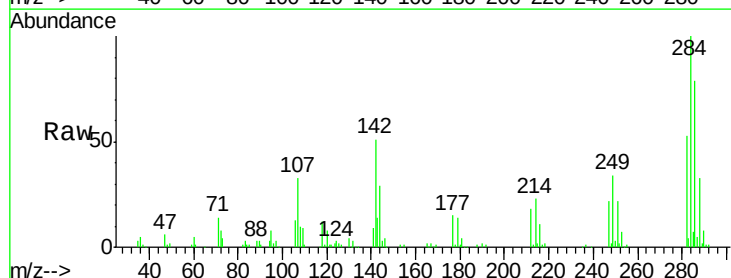


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

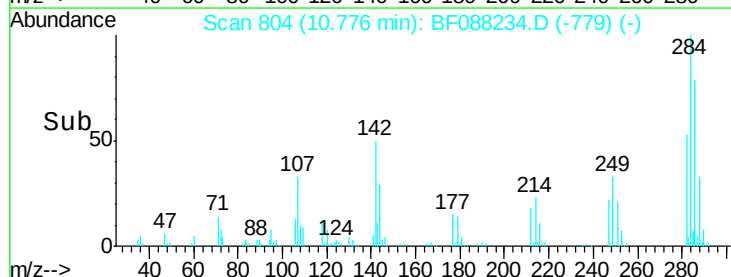
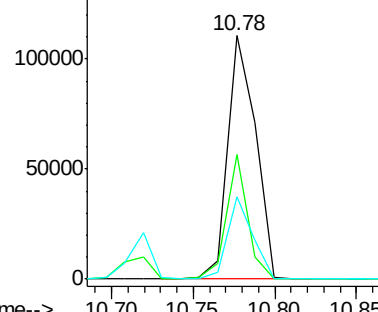


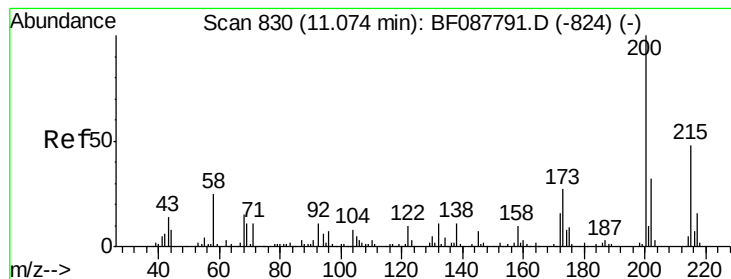
#67
 Hexachlorobenzene
 Concen: 40.18 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Tgt Ion:284 Resp: 131309
 Ion Ratio Lower Upper
 284 100
 142 50.9 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: 39.63 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

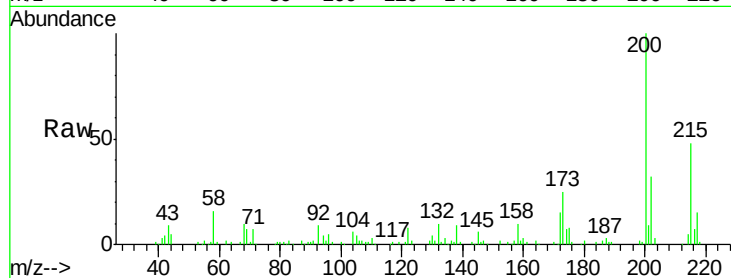
Tgt Ion:200 Resp: 116735

Ion Ratio Lower Upper

200 100

173 24.7 4.0 44.0

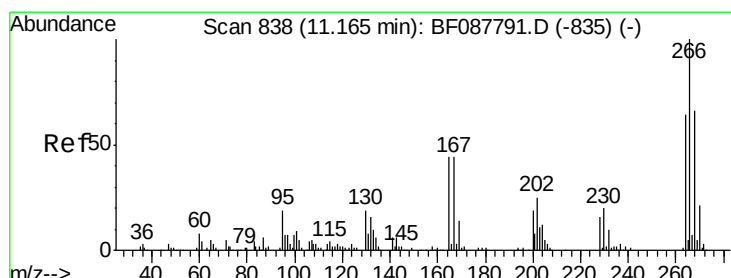
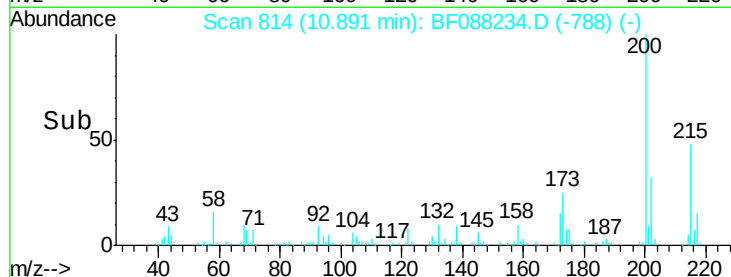
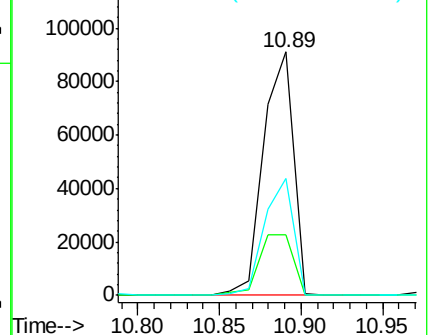
215 48.1 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 59.44 ng

RT: 10.98 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

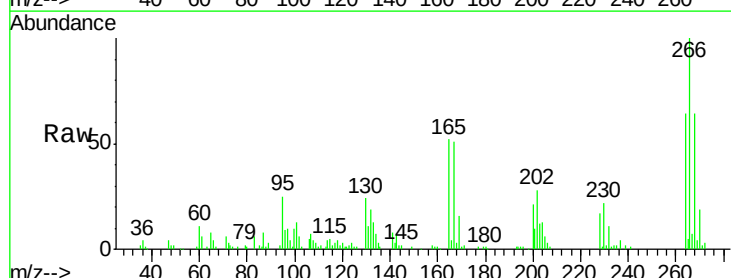
Tgt Ion:266 Resp: 102393

Ion Ratio Lower Upper

266 100

268 63.9 52.8 79.2

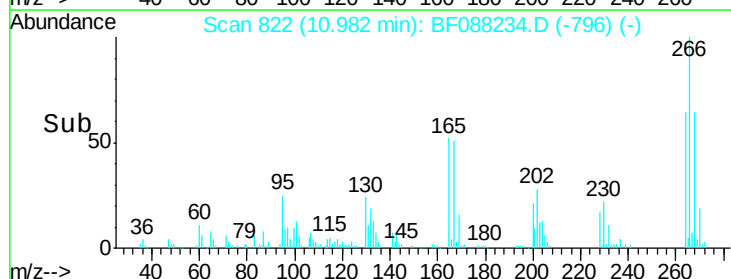
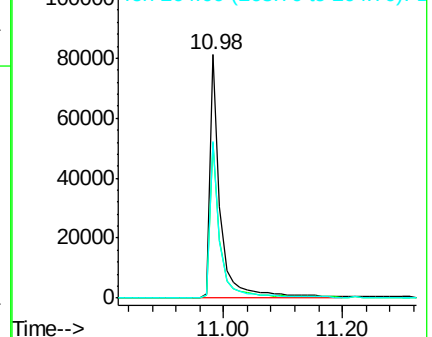
264 64.4 49.6 74.4

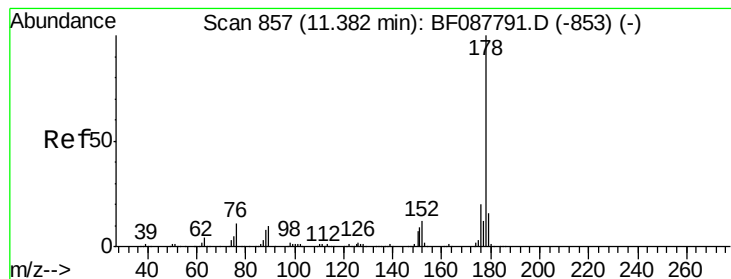


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 41.40 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

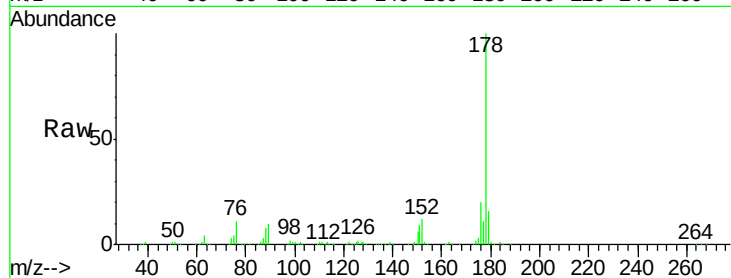
Tgt Ion:178 Resp: 636870

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

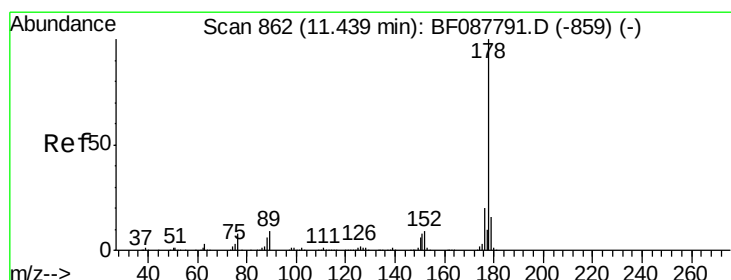
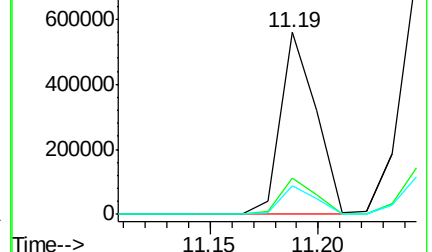
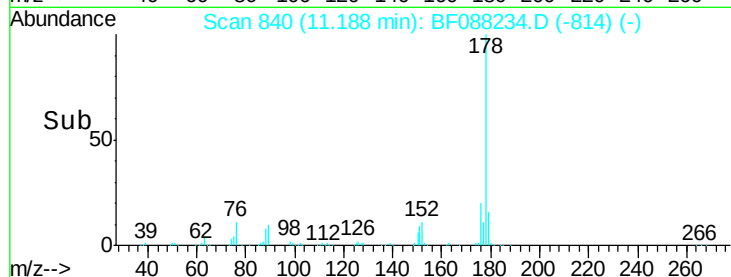
179 16.0 13.0 19.4



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: 44.40 ng

RT: 11.25 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

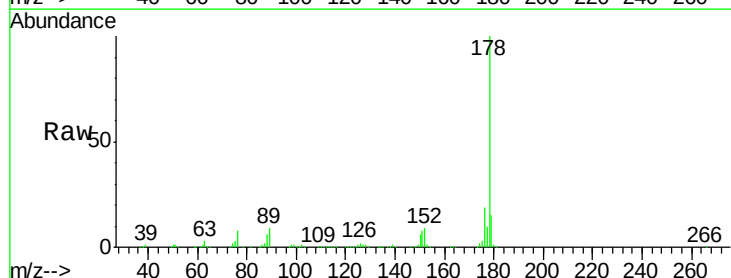
Tgt Ion:178 Resp: 688933

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

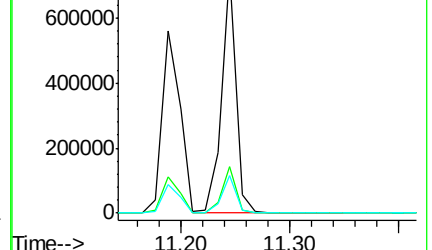
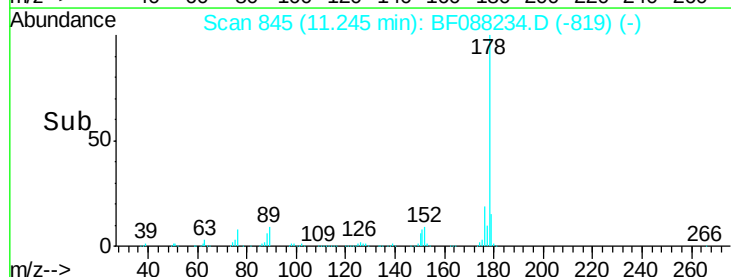
179 15.5 12.8 19.2

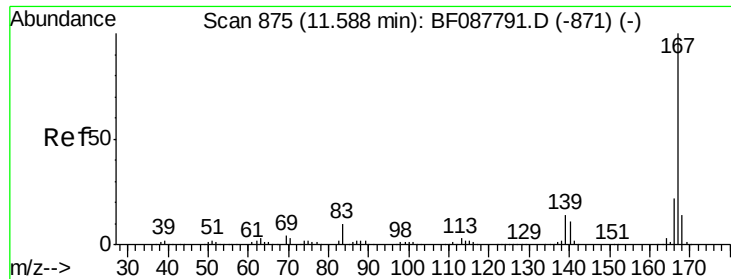


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 44.86 ng

RT: 11.41 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

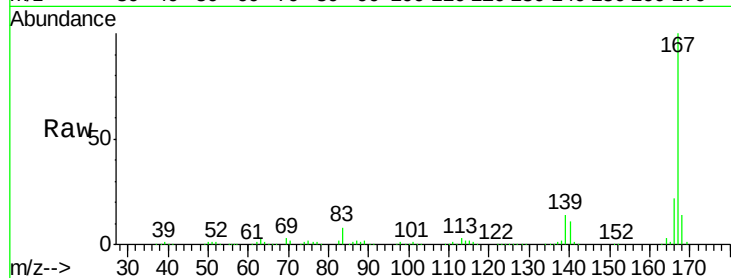
Tgt Ion:167 Resp: 651426

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

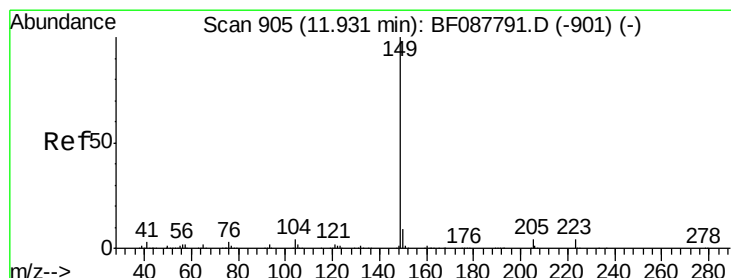
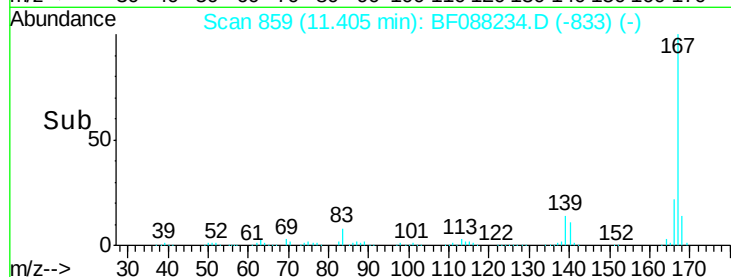
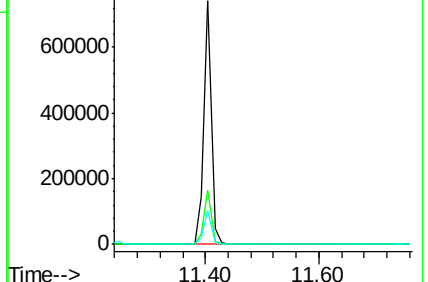
139 13.6 11.2 16.8



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: 39.61 ng

RT: 11.74 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

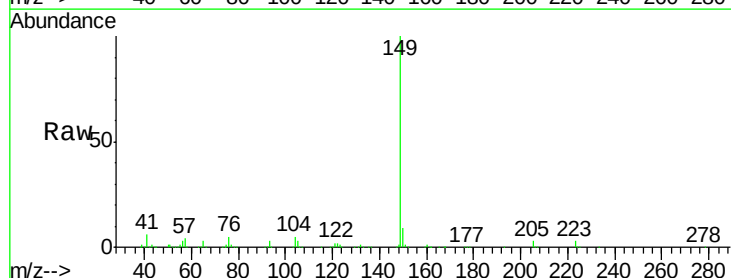
Tgt Ion:149 Resp: 728089

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

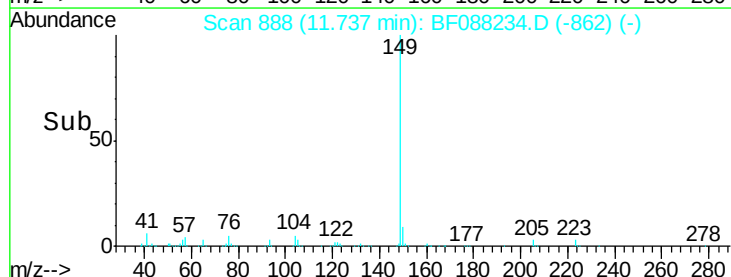
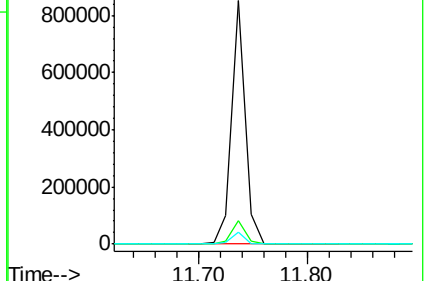
104 4.9 4.0 6.0

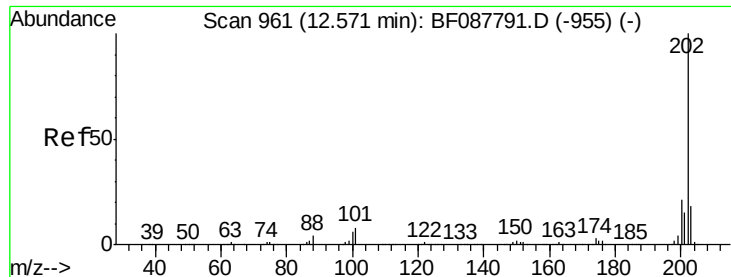


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

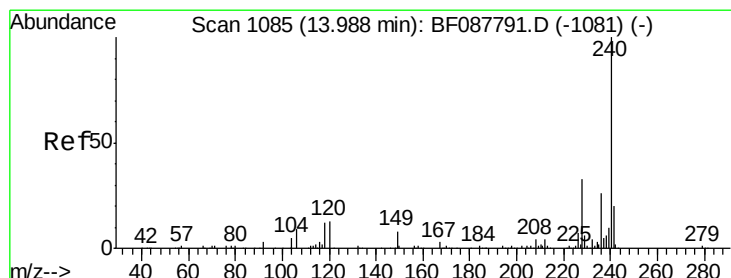
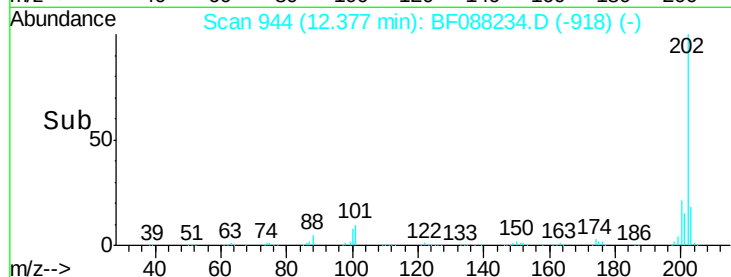
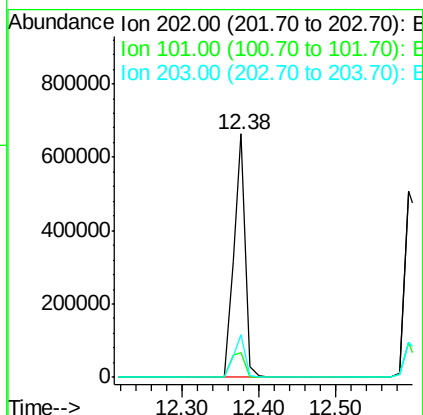
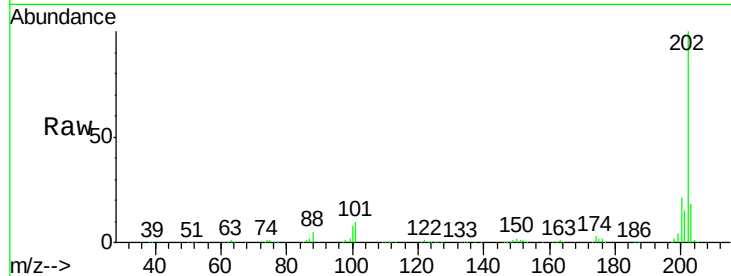




#74
Fluoranthene
Concen: 43.08 ng
RT: 12.38 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

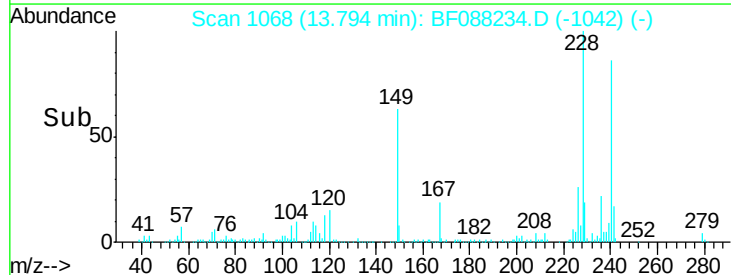
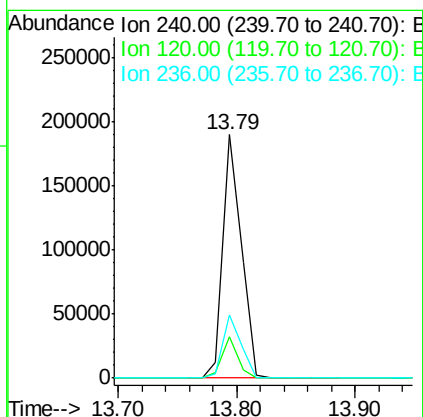
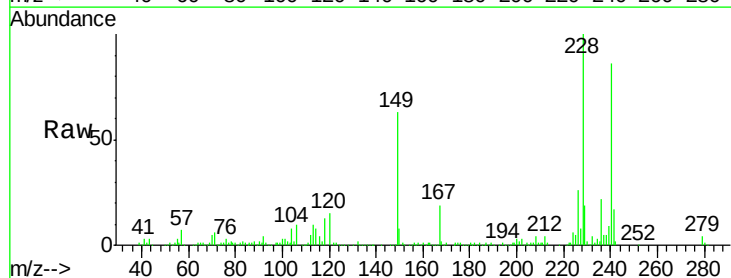
Instrument :
BNA_F
ClientSampleId :
PB91495BS

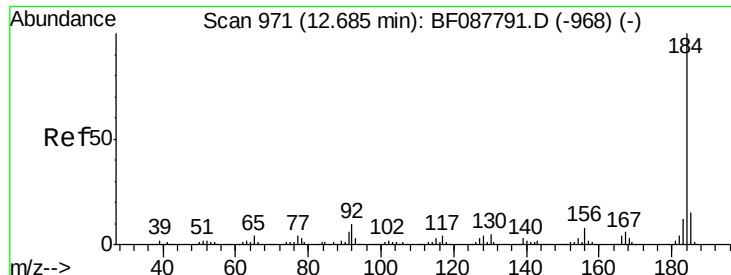
Tgt Ion: 202 Resp: 699311
Ion Ratio Lower Upper
202 100
101 10.2 0.0 33.1
203 17.7 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Tgt Ion: 240 Resp: 203367
Ion Ratio Lower Upper
240 100
120 17.0 6.8 10.2#
236 25.8 20.2 30.2

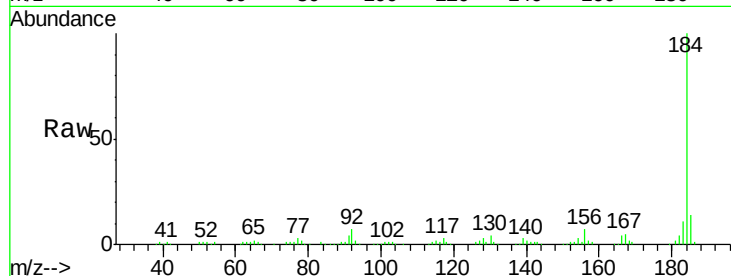




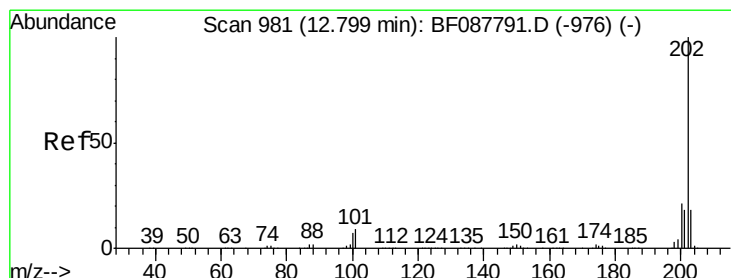
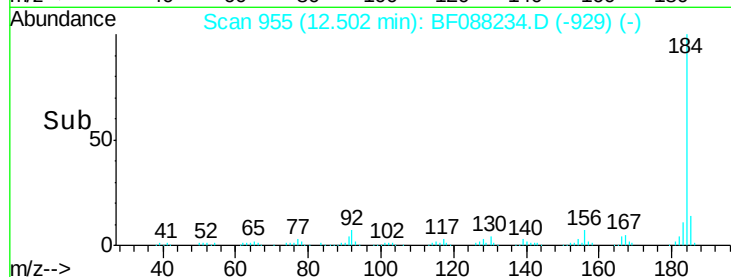
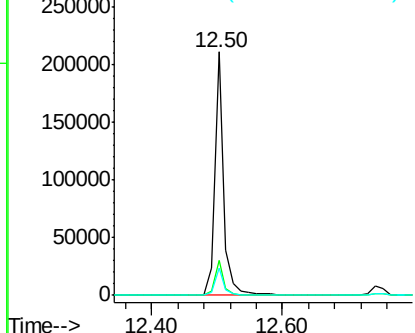
#76
Benzidine
Concen: 36.50 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Instrument :
BNA_F
ClientSampleId :
PB91495BS

Tgt Ion:184 Resp: 205508
Ion Ratio Lower Upper
184 100
185 14.3 12.5 18.7
183 11.4 9.3 13.9

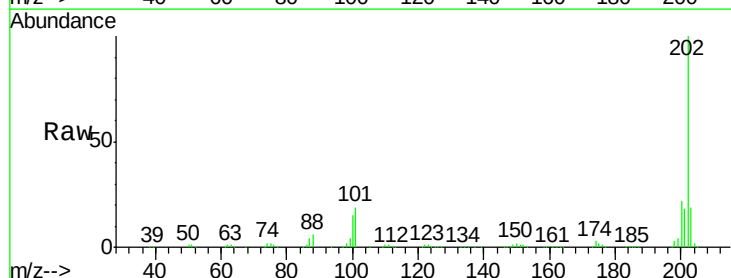


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

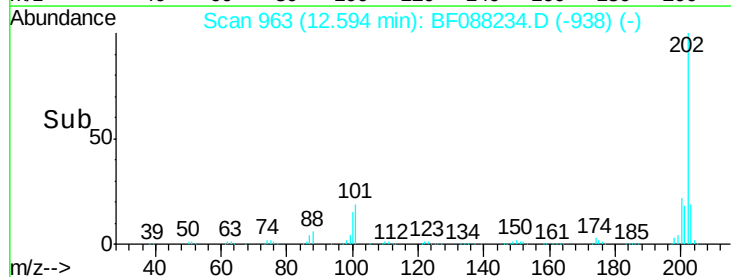
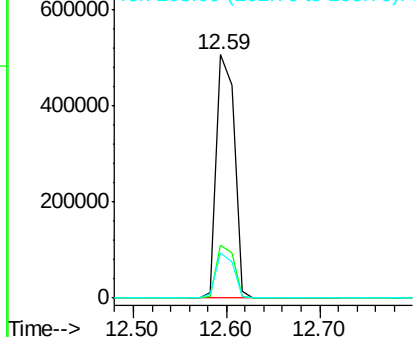


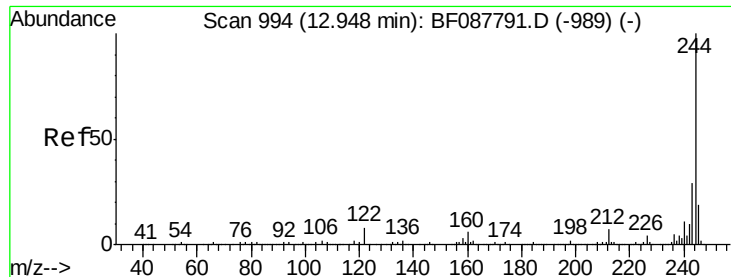
#77
Pyrene
Concen: 44.56 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Tgt Ion:202 Resp: 672420
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.7 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

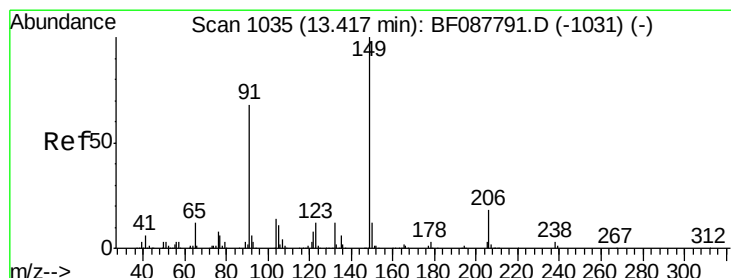
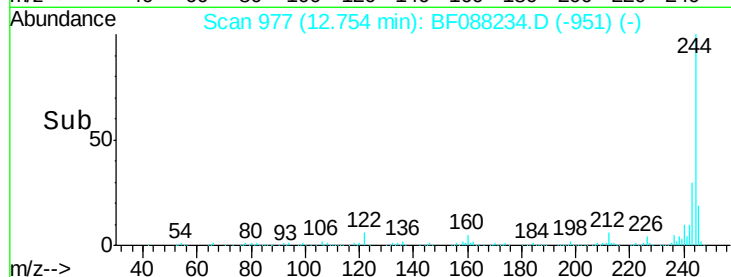
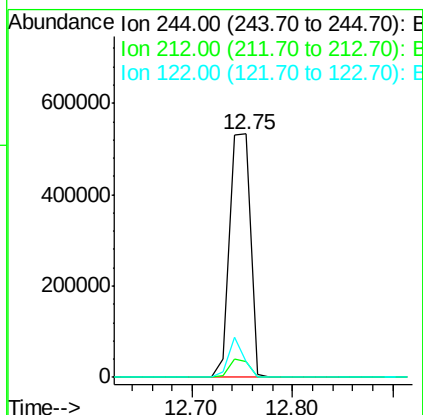
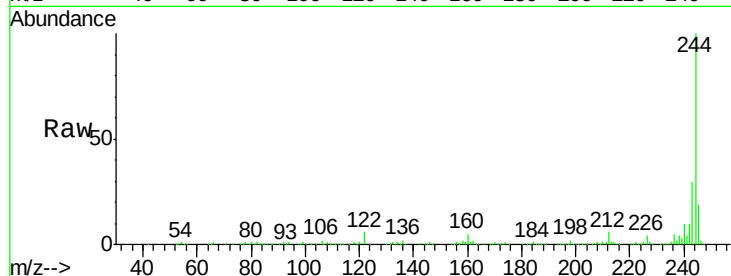




#78
 Terphenyl-d14
 Concen: 85.50 ng
 RT: 12.75 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

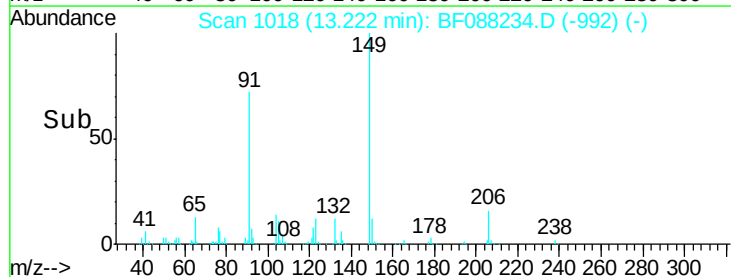
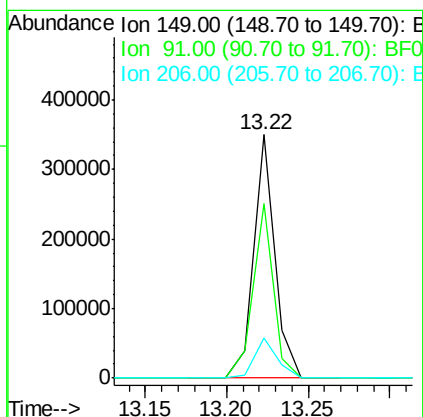
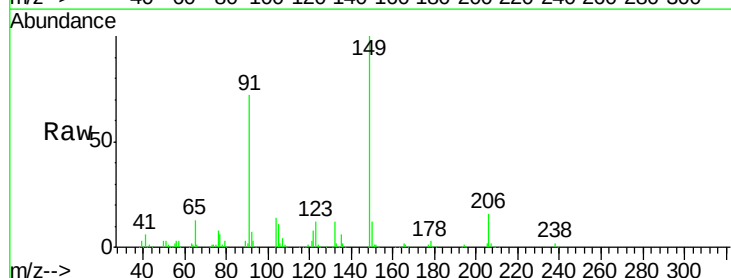
Instrument :
 BNA_F
 ClientSampleId :
 PB91495BS

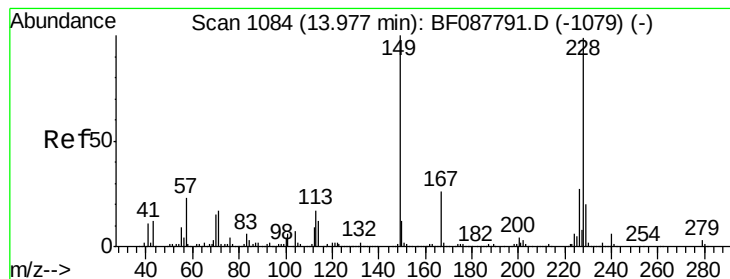
Tgt Ion: 244 Resp: 764088
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 6.3 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 47.43 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF088234.D
 Acq: 22 Jun 2016 1:36

Tgt Ion: 149 Resp: 316466
 Ion Ratio Lower Upper
 149 100
 91 71.7 48.0 72.0
 206 16.5 16.0 24.0

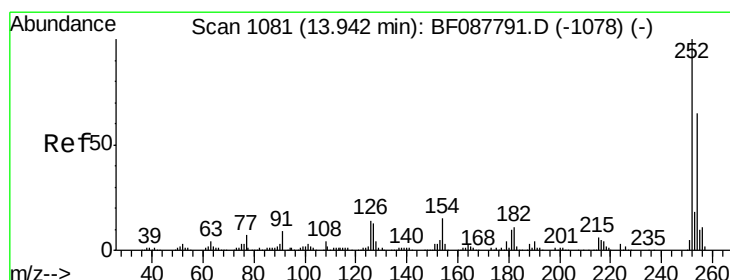
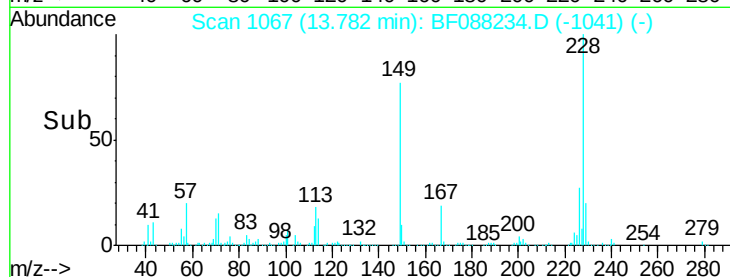
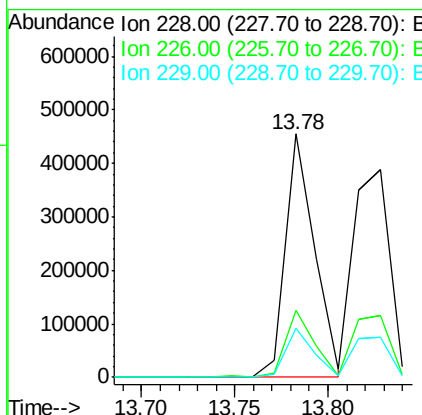
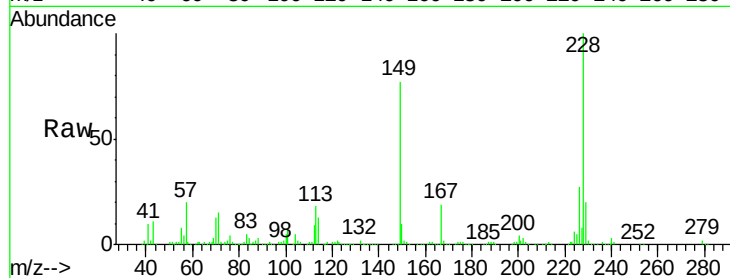




#80
Benzo(a)anthracene
Concen: 42.84 ng
RT: 13.78 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

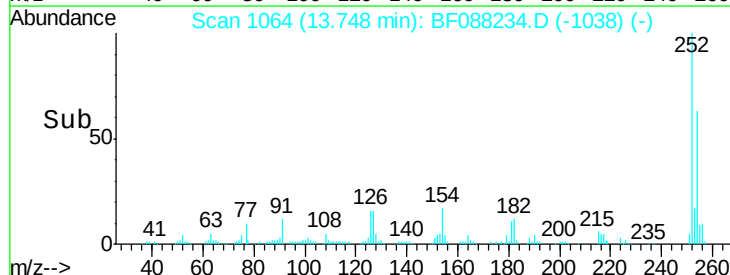
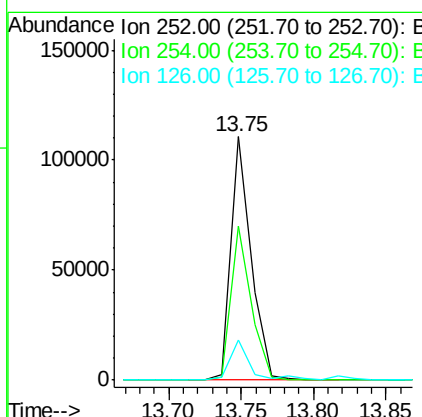
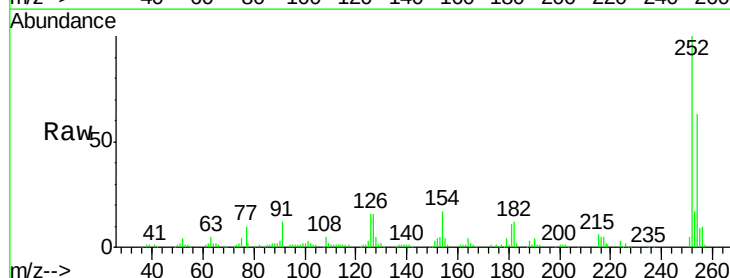
Instrument :
BNA_F
ClientSampleId :
PB91495BS

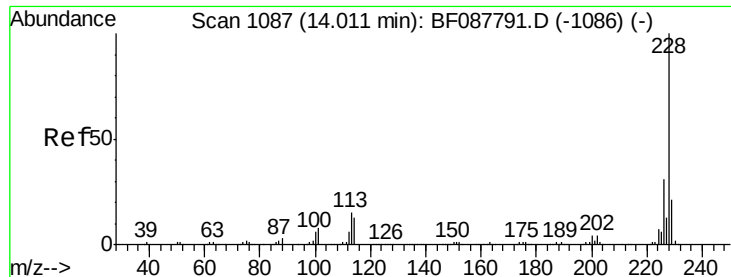
Tgt Ion: 228 Resp: 496529
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 20.0 16.0 24.0



#81
3,3'-Dichlorobenzidine
Concen: 34.29 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Tgt Ion: 252 Resp: 106857
Ion Ratio Lower Upper
252 100
254 63.1 52.6 78.8
126 16.3 6.2 9.2#





#82

Chrysene

Concen: 48.51 ng

RT: 13.83 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

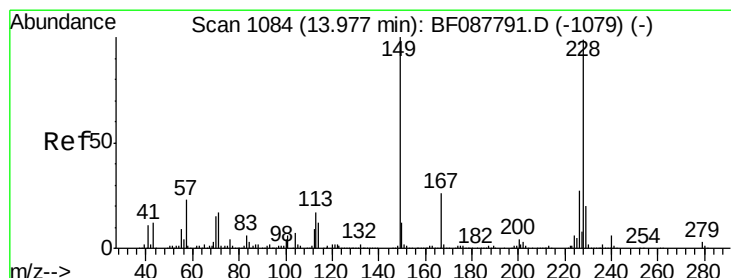
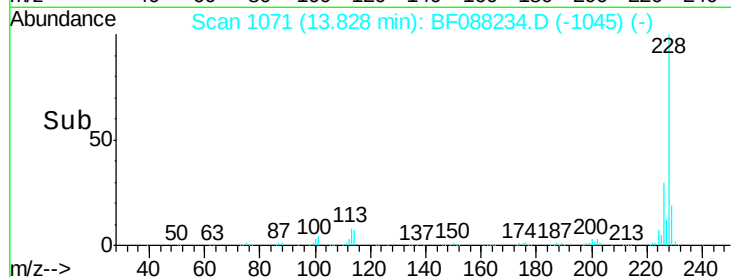
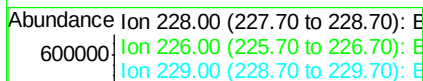
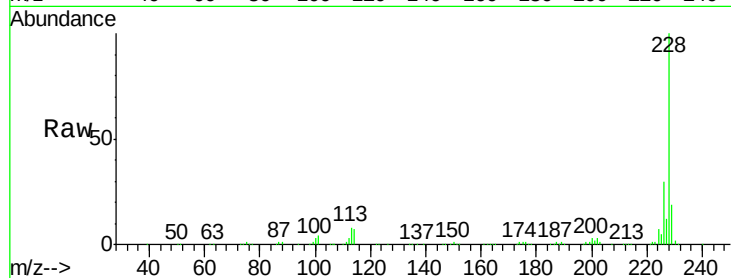
Tgt Ion: 228 Resp: 528929

Ion Ratio Lower Upper

228 100

226 29.8 25.4 38.2

229 19.2 16.3 24.5



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.04 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

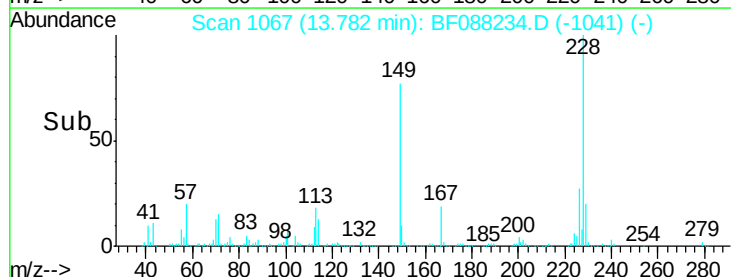
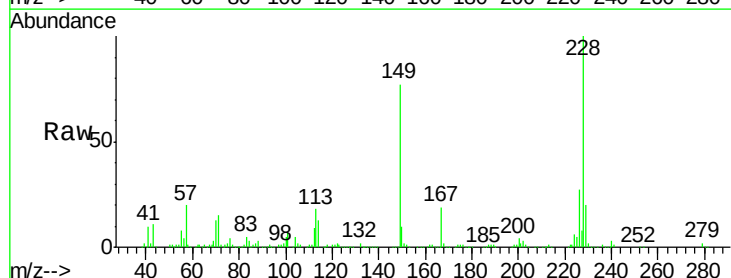
Tgt Ion: 149 Resp: 365837

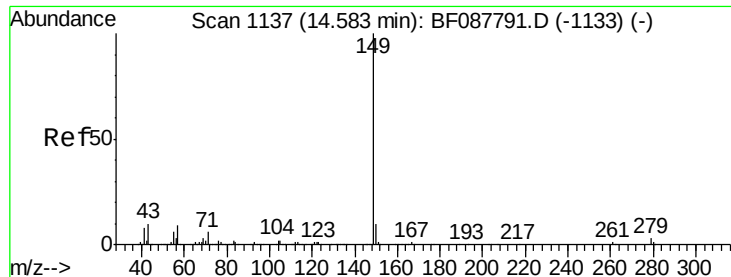
Ion Ratio Lower Upper

149 100

167 25.0 20.5 30.7

279 2.4 2.0 3.0

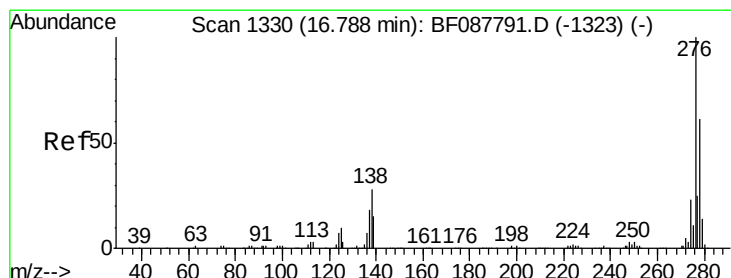
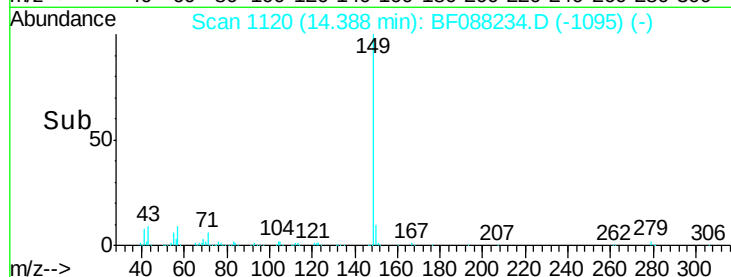
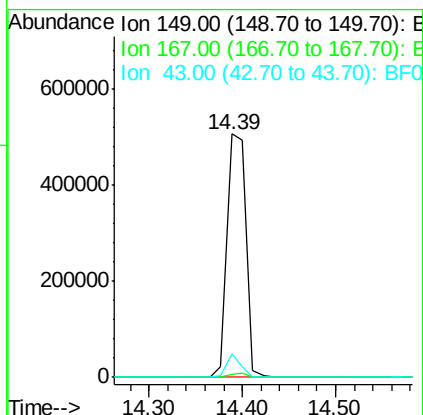
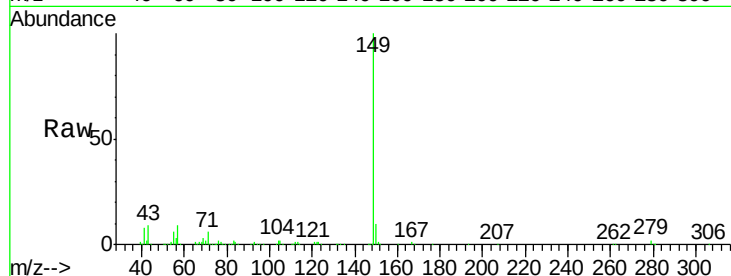




#84
Di-n-octyl phthalate
Concen: 54.06 ng
RT: 14.39 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

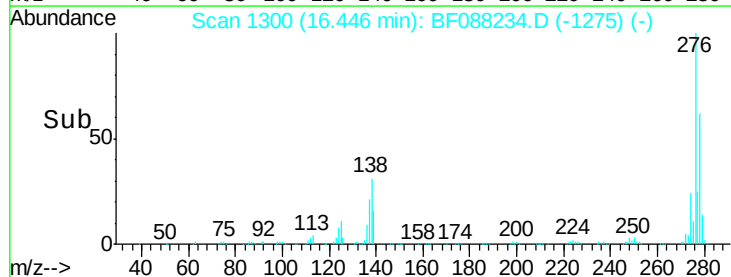
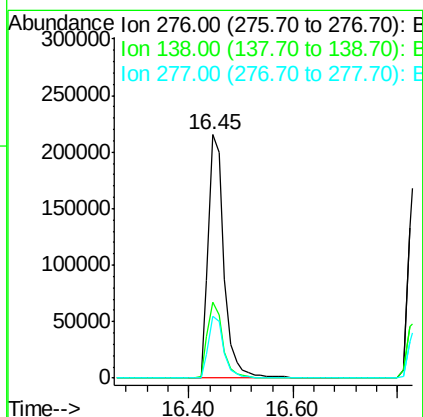
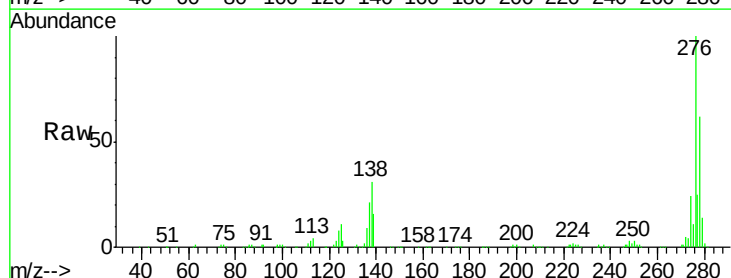
Instrument :
BNA_F
ClientSampleId :
PB91495BS

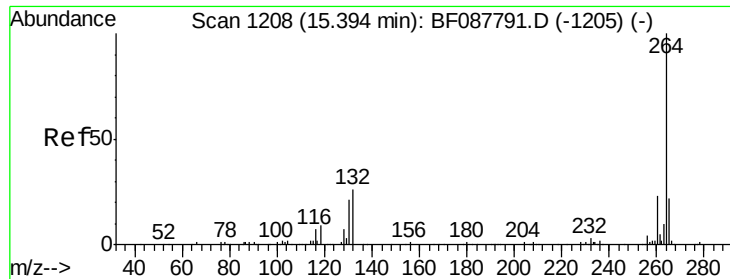
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	7.6	0.0	0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 44.75 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	0.0	0.0#
277	24.8	0.0	0.0#

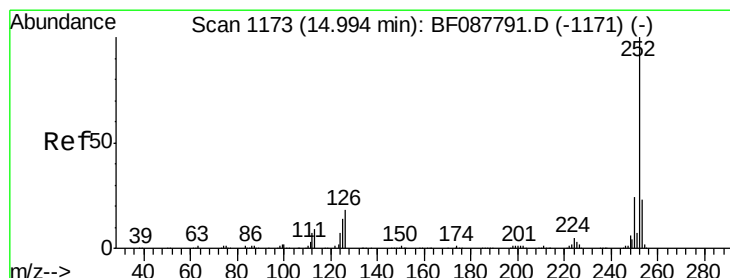
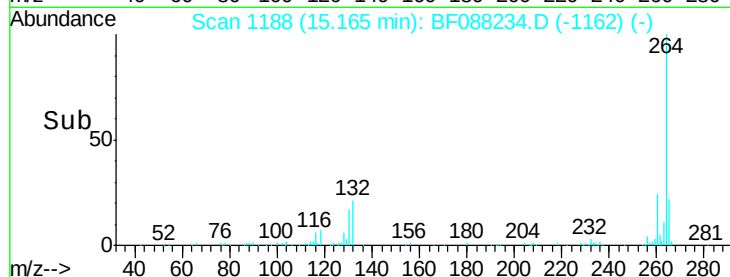
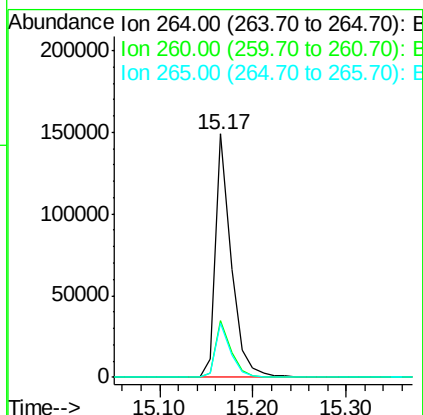
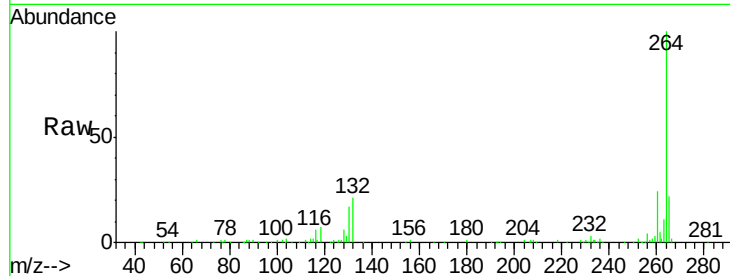




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

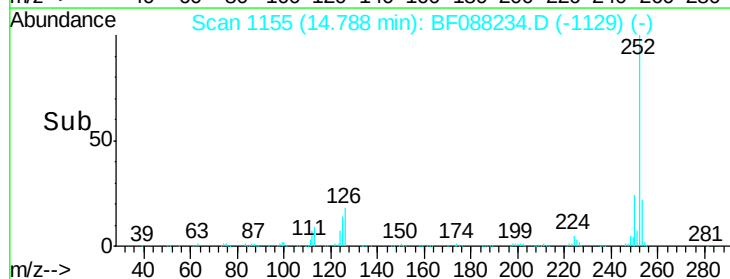
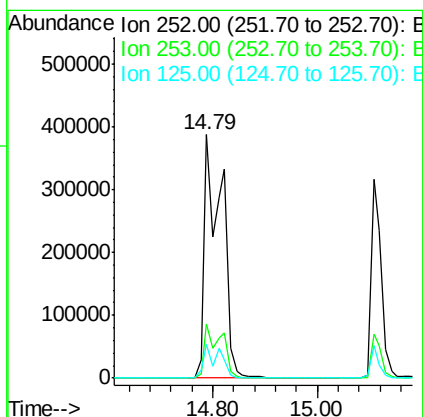
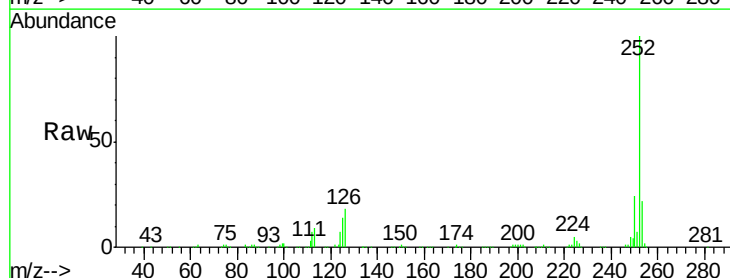
Instrument :
BNA_F
ClientSampleId :
PB91495BS

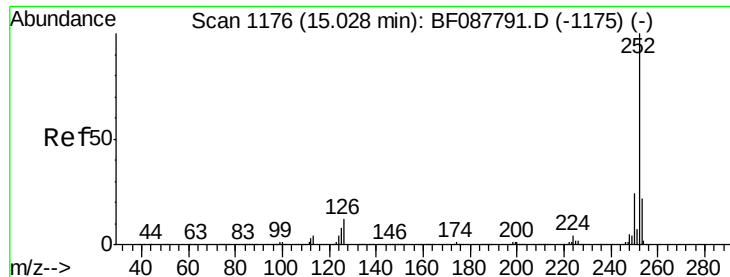
Tgt Ion: 264 Resp: 174425
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.1 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 75.89 ng
RT: 14.79 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Tgt Ion: 252 Resp: 922564
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 13.8 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 100.59 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

Instrument :

BNA_F

ClientSampleId :

PB91495BS

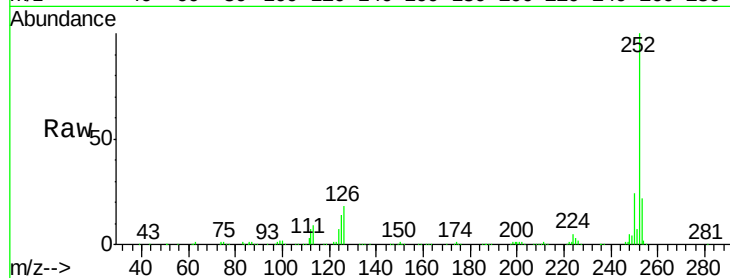
Tgt Ion:252 Resp: 922534

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

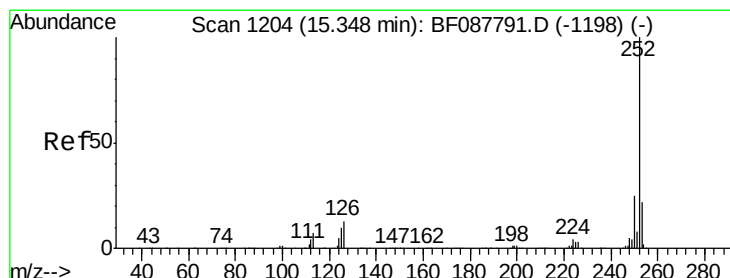
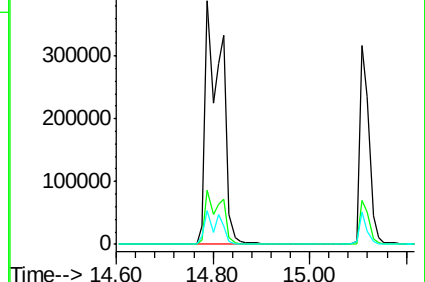
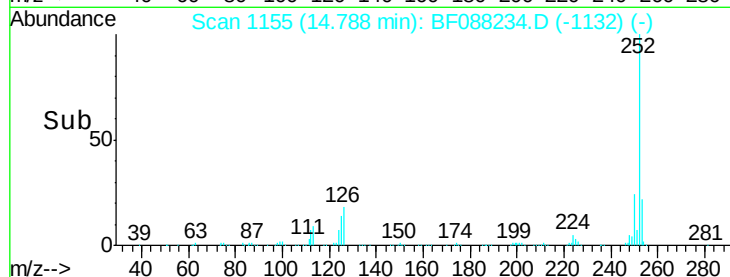
125 13.8 11.2 16.8



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: 43.78 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF088234.D

Acq: 22 Jun 2016 1:36

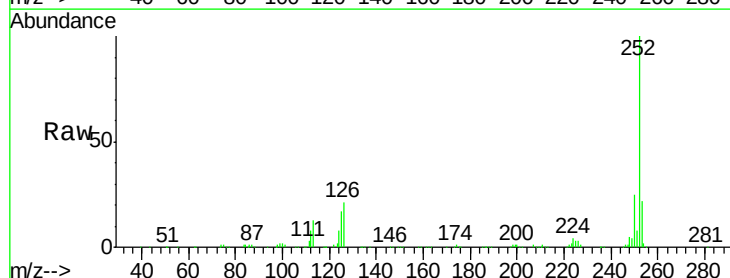
Tgt Ion:252 Resp: 430665

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

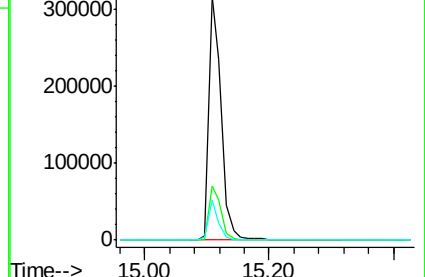
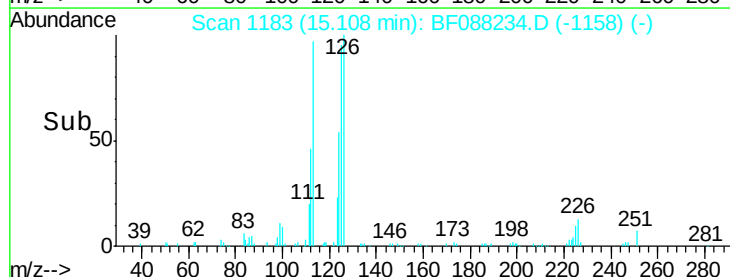
125 16.6 12.5 18.7

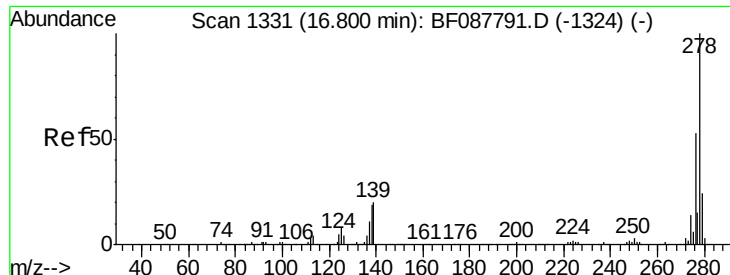


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



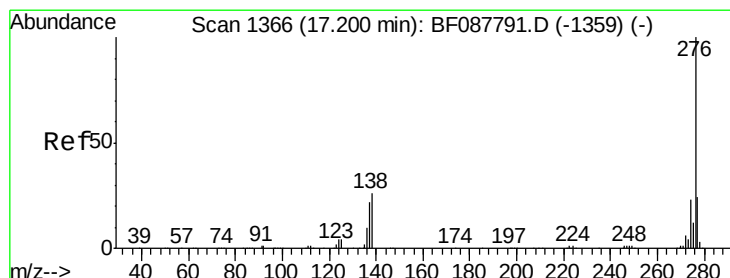
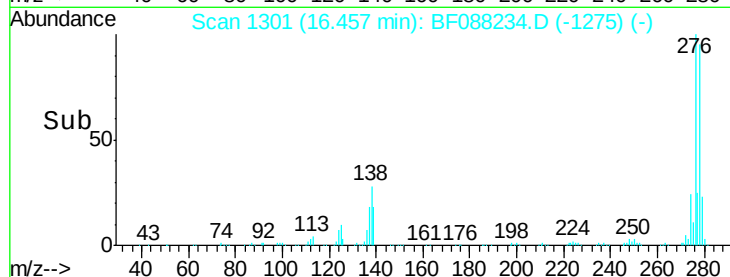
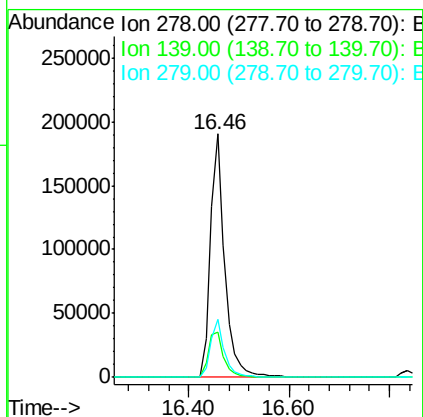
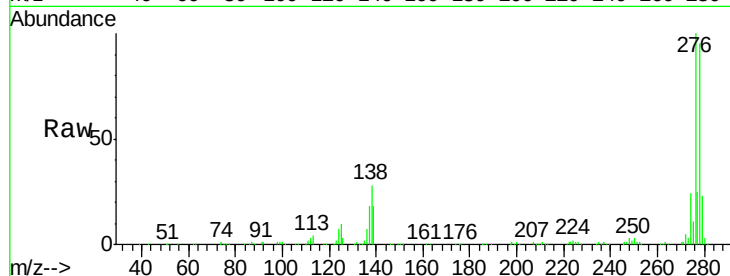


#90
Dibenzo(a,h)anthracene
Concen: 41.39 ng
RT: 16.46 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Instrument :
BNA_F
ClientSampleId :
PB91495BS

Tgt Ion:278 Resp: 378142

Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.7	23.5
279	23.8	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 42.57 ng
RT: 16.83 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF088234.D
Acq: 22 Jun 2016 1:36

Tgt Ion:276 Resp: 400028

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	25.3	21.4	32.2

