

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088235.D
 Acq On : 22 Jun 2016 2:05
 Operator : UM/SJ
 Sample : PB91389BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Quant Time: Jun 22 03:44:24 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	89912	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	356211	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	166581	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	298487	20.00	ng	0.00
75) Chrysene-d12	13.79	240	206791	20.00	ng	0.00
86) Perylene-d12	15.17	264	173055	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	638270	121.36	ng	0.01
7) Phenol-d6	6.31	99	766256	120.22	ng	0.00
23) Nitrobenzene-d5	7.22	82	456546	74.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	170681	97.04	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	841904	79.00	ng	0.00
78) Terphenyl-d14	12.75	244	788779	86.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	78121	30.57	ng	# 31
3) Pyridine	2.86	79	209684	34.75	ng	90
4) n-Nitrosodimethylamine	2.82	42	93321	36.52	ng	# 74
6) Aniline	6.32	93	193669	21.35	ng	# 29
8) 2-Chlorophenol	6.44	128	257470	41.36	ng	83
10) Phenol	6.33	94	264583	39.92	ng	98
11) bis(2-Chloroethyl)ether	6.40	93	255217	45.66	ng	86
12) 1,3-Dichlorobenzene	6.82	146	250166	37.45	ng	97
13) 1,4-Dichlorobenzene	6.67	146	268539	39.91	ng	95
14) 1,2-Dichlorobenzene	6.82	146	250431	40.93	ng	95
15) Benzyl Alcohol	6.81	79	174216	34.94	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	258932	34.29	ng	75
17) 2-Methylphenol	6.94	107	202853	40.18	ng	# 94
18) Hexachloroethane	7.15	117	97907	41.01	ng	# 82
19) n-Nitroso-di-n-propylamine	7.08	70	158944	38.98	ng	# 79
20) 3+4-Methylphenols	7.08	107	259988	44.14	ng	# 85
22) Acetophenone	7.07	105	342494	43.02	ng	97
24) Nitrobenzene	7.24	77	263936	44.67	ng	97
25) Isophorone	7.48	82	450716	39.89	ng	97
26) 2-Nitrophenol	7.56	139	144709	45.72	ng	# 74
27) 2,4-Dimethylphenol	7.61	122	235603	40.43	ng	94
28) bis(2-Chloroethoxy)methane	7.70	93	314459	44.87	ng	98
29) 2,4-Dichlorophenol	7.80	162	212283	43.63	ng	100
30) 1,2,4-Trichlorobenzene	7.88	180	222106	41.92	ng	97
31) Naphthalene	7.95	128	706522	40.08	ng	99
32) Benzoic acid	7.77	122	119809	37.33	ng	95
33) 4-Chloroaniline	8.02	127	138264	17.57	ng	# 91
34) Hexachlorobutadiene	8.08	225	117792	42.15	ng	99
35) Caprolactam	8.40	113	47339	29.37	ng	87
36) 4-Chloro-3-methylphenol	8.52	107	234175	45.00	ng	89
37) 2-Methylnaphthalene	8.65	142	499391	42.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	202918	47.82	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	118009	43.92	ng	98
42) 2,4,6-Trichlorophenol	8.94	196	132649	39.82	ng	97

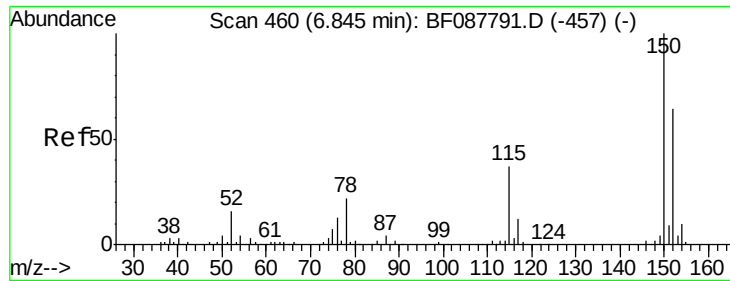
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
 Data File : BF088235.D
 Acq On : 22 Jun 2016 2:05
 Operator : UM/SJ
 Sample : PB91389BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Quant Time: Jun 22 03:44:24 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)
43) 2,4,5-Trichlorophenol	8.99	196	127316	36.74	ng	98
45) 1,1'-Biphenyl	9.12	154	608435	49.25	ng	96
46) 2-Chloronaphthalene	9.14	162	464289	43.07	ng	95
47) 2-Nitroaniline	9.24	65	131258	41.28	ng	# 86
48) Acenaphthylene	9.55	152	696786	40.64	ng	99
49) Dimethylphthalate	9.43	163	519393	43.04	ng	99
50) 2,6-Dinitrotoluene	9.48	165	115832	41.92	ng	# 59
51) Acenaphthene	9.72	154	426271	39.85	ng	99
52) 3-Nitroaniline	9.66	138	78077	24.48	ng	93
53) 2,4-Dinitrophenol	9.77	184	98960	68.04	ng	98
54) Dibenzofuran	9.90	168	595648	40.44	ng	91
55) 4-Nitrophenol	9.85	139	140841	56.91	ng	# 79
56) 2,4-Dinitrotoluene	9.90	165	142494	40.12	ng	# 57
57) Fluorene	10.24	166	498745	50.72	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	116038	42.60	ng	# 57
59) Diethylphthalate	10.12	149	508945	41.67	ng	99
60) 4-Chlorophenyl-phenylether	10.23	204	189559	38.70	ng	92
61) 4-Nitroaniline	10.27	138	118407	39.15	ng	97
62) Azobenzene	10.39	77	495816	41.05	ng	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	78644	42.46	ng	# 68
65) n-Nitrosodiphenylamine	10.35	169	429101	43.32	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	135274	42.24	ng	96
67) Hexachlorobenzene	10.78	284	138690	41.68	ng	93
68) Atrazine	10.89	200	137945	45.99	ng	97
69) Pentachlorophenol	10.98	266	107710	61.41	ng	97
70) Phenanthrene	11.19	178	676294	43.18	ng	99
71) Anthracene	11.24	178	692357	43.82	ng	100
72) Carbazole	11.40	167	672585	45.49	ng	99
73) Di-n-butylphthalate	11.74	149	769589	41.12	ng	100
74) Fluoranthene	12.38	202	720219	43.57	ng	96
76) Benzidine	12.50	184	271536	47.42	ng	98
77) Pyrene	12.59	202	708943	46.20	ng	100
79) Butylbenzylphthalate	13.22	149	326380	48.11	ng	86
80) Benzo(a)anthracene	13.78	228	509074	43.20	ng	99
81) 3,3'-Dichlorobenzidine	13.75	252	110777	34.96	ng	# 96
82) Chrysene	13.83	228	544116	49.08	ng	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	385446	46.67	ng	99
84) Di-n-octyl phthalate	14.39	149	702230	52.33	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.45	276	469322	45.56	ng	# 100
87) Benzo(b)fluoranthene	14.79	252	935996	77.60	ng	# 95
88) Benzo(k)fluoranthene	14.79	252	936265	102.90	ng	99
89) Benzo(a)pyrene	15.11	252	454995	46.62	ng	98
90) Dibenzo(a,h)anthracene	16.46	278	390168	43.05	ng	99
91) Benzo(g,h,i)perylene	16.83	276	409261	43.90	ng	99

(#) = 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: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

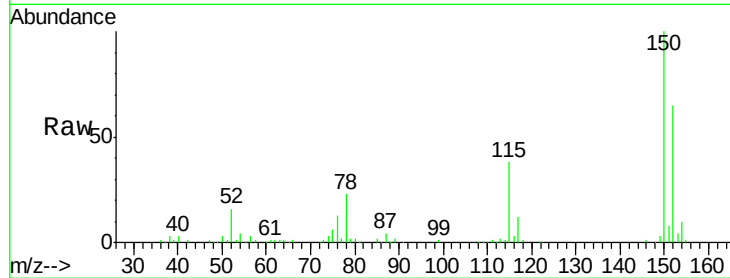
Tgt Ion:152 Resp: 89912

Ion Ratio Lower Upper

152 100

150 153.7 123.8 185.6

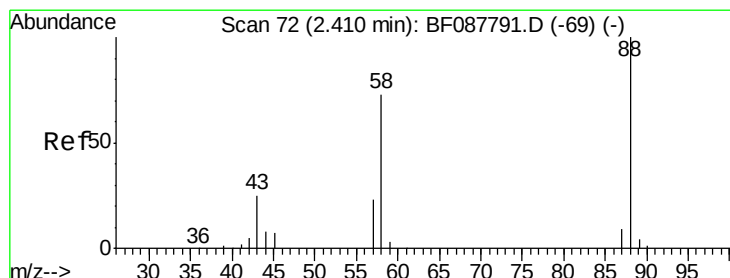
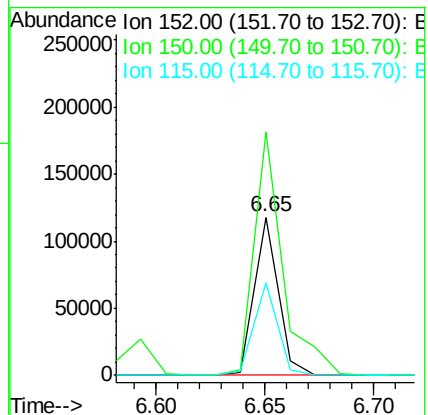
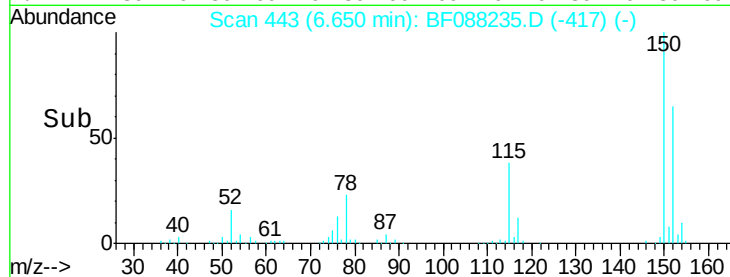
115 58.8 39.6 59.4



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: 30.57 ng

RT: 2.20 min Scan# 54

Delta R.T. 0.10 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

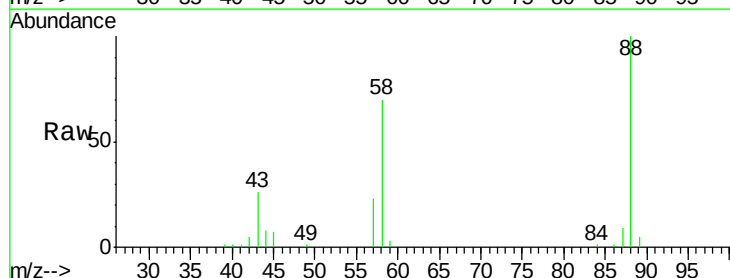
Tgt Ion: 88 Resp: 78121

Ion Ratio Lower Upper

88 100

58 69.8 0.0 0.0#

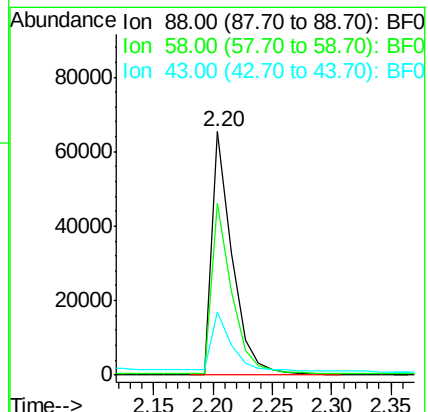
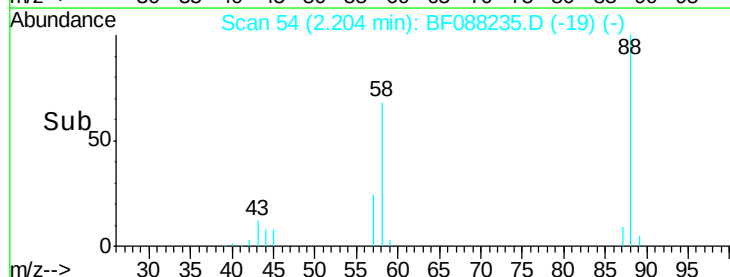
43 27.0 3.4 5.2#

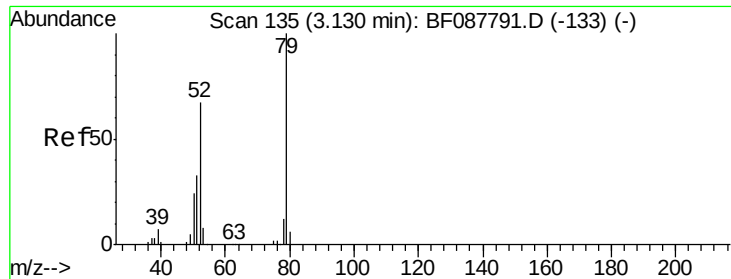


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.75 ng

RT: 2.86 min Scan# 111

Delta R.T. 0.09 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

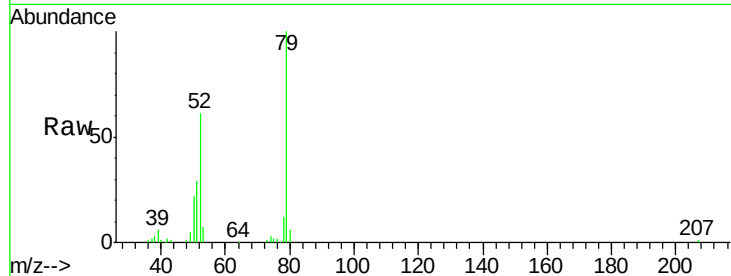
Tgt Ion: 79 Resp: 209684

Ion Ratio Lower Upper

79 100

52 61.5 56.3 84.5

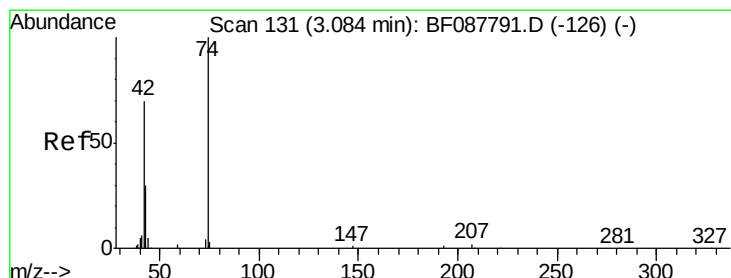
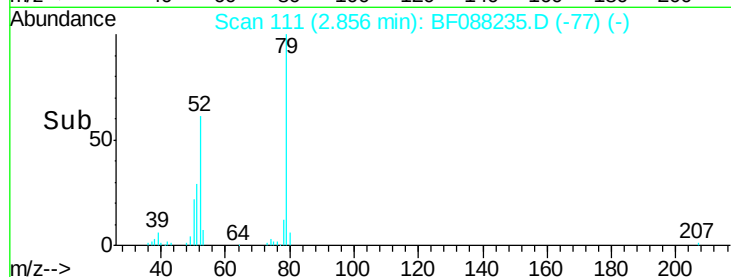
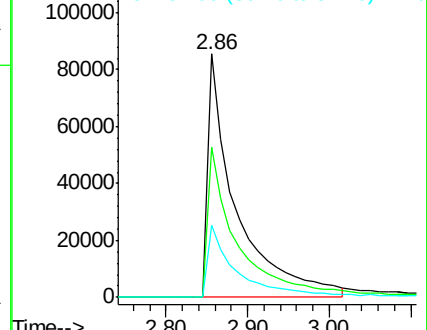
51 29.4 27.4 41.2



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: 36.52 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.10 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

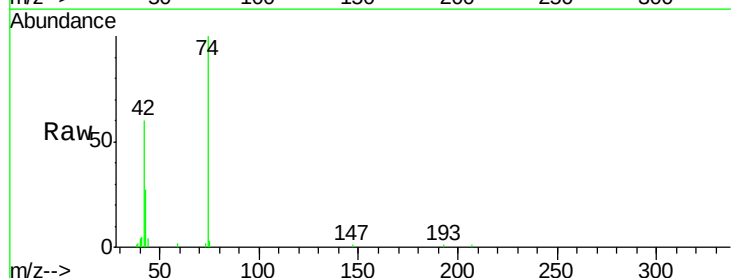
Tgt Ion: 42 Resp: 93321

Ion Ratio Lower Upper

42 100

74 167.9 108.6 163.0#

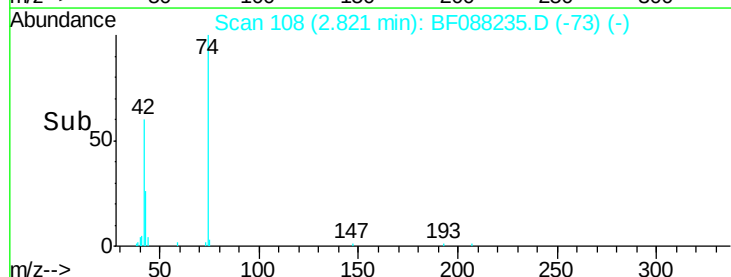
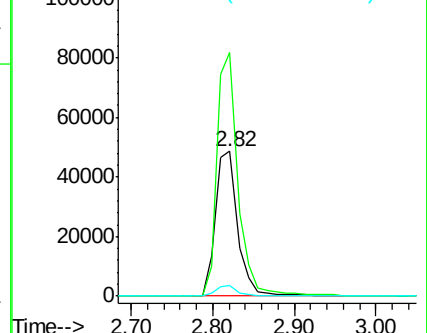
44 7.2 5.5 8.3

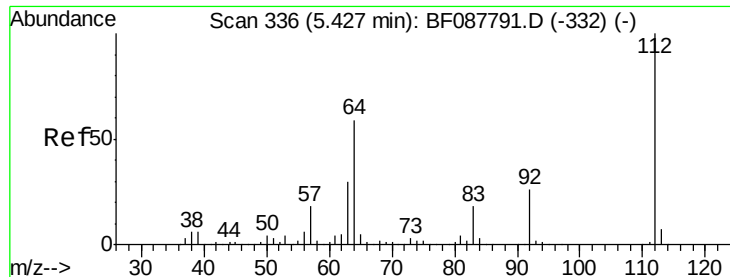


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.36 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.01 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

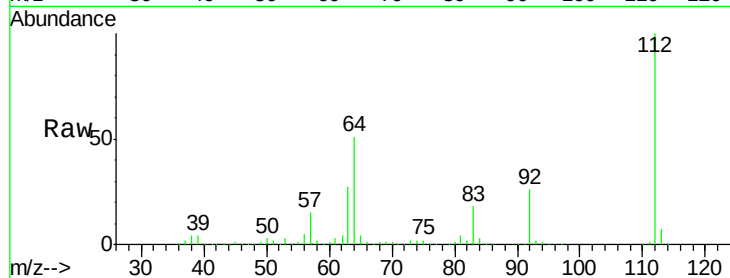
Tgt Ion: 112 Resp: 638270

Ion Ratio Lower Upper

112 100

64 51.1 42.2 63.2

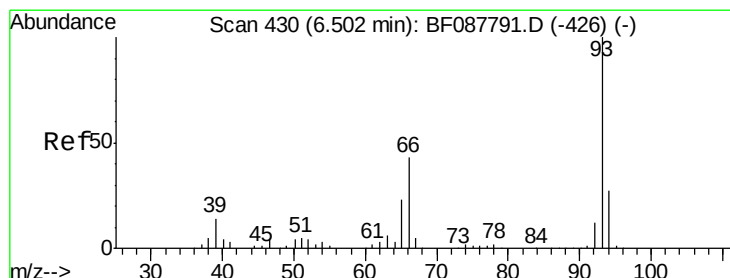
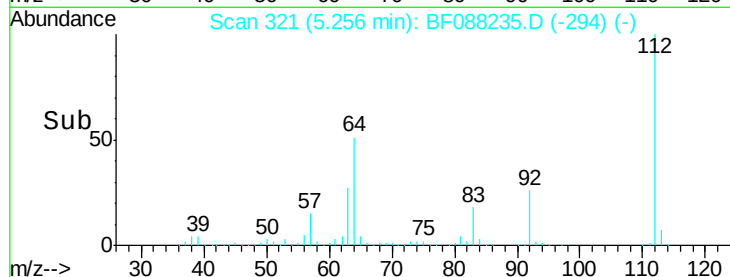
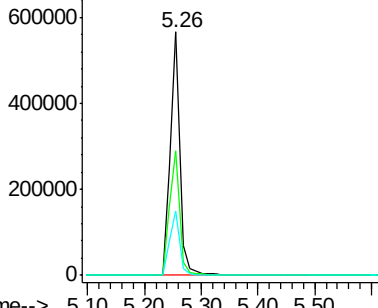
63 26.7 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.35 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

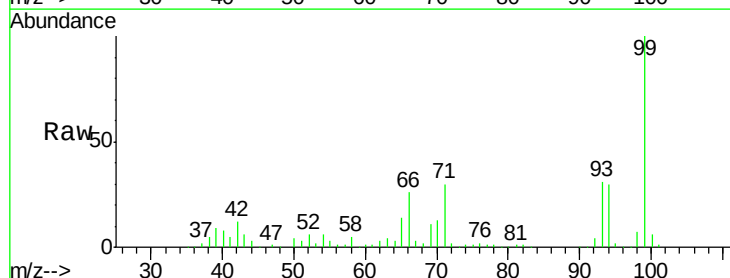
Tgt Ion: 93 Resp: 193669

Ion Ratio Lower Upper

93 100

66 83.1 29.8 44.8#

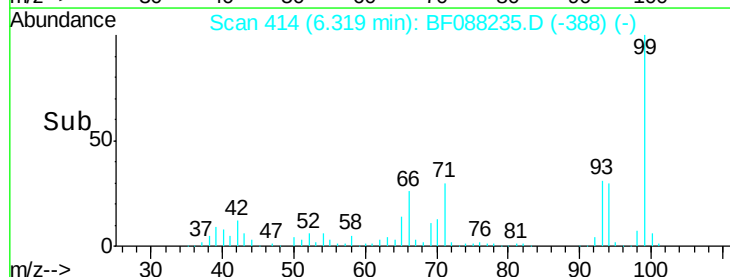
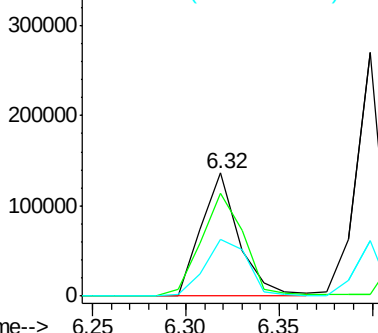
65 45.8 14.9 22.3#

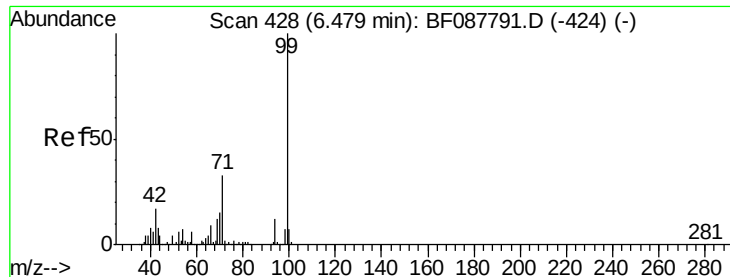


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.22 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

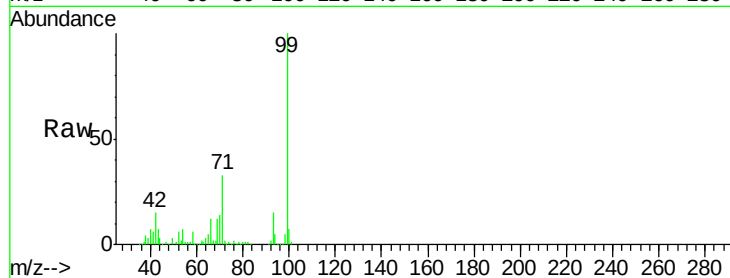
Tgt Ion: 99 Resp: 766256

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

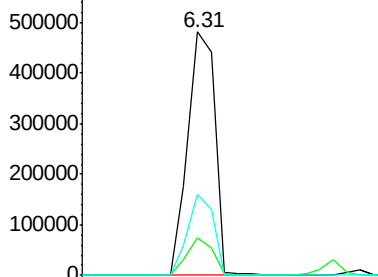
71 33.2 23.4 35.0



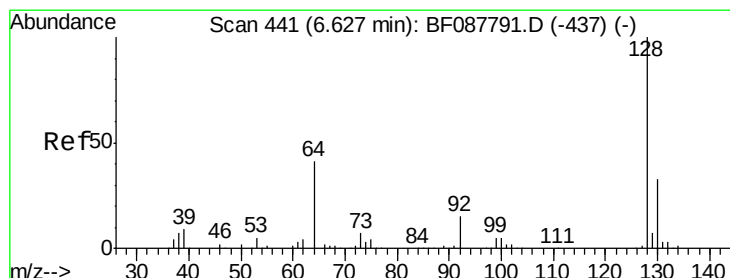
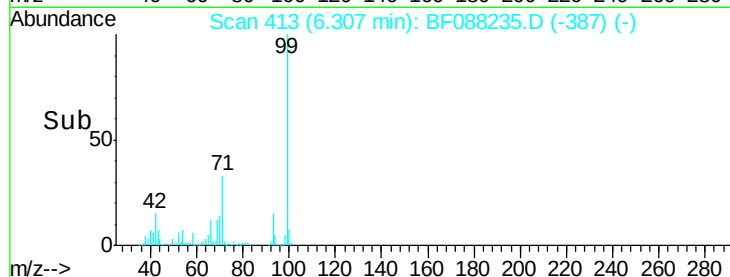
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 41.36 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

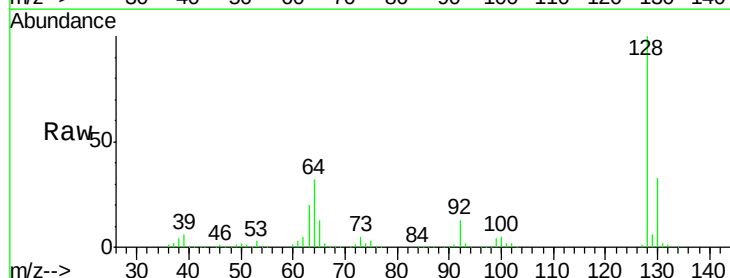
Tgt Ion: 128 Resp: 257470

Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

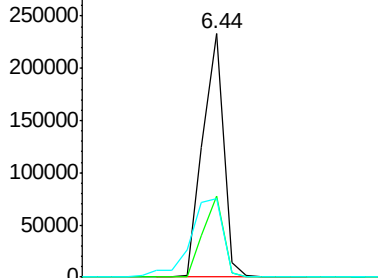
64 32.4 30.8 70.8



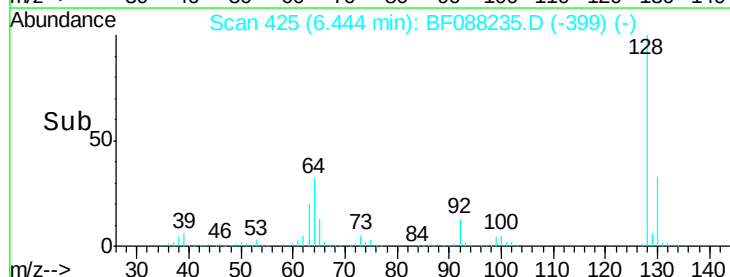
Abundance Ion 128.00 (127.70 to 128.70): E

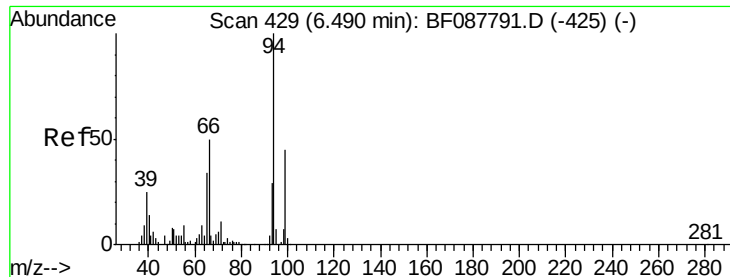
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->





#10

Phenol

Concen: 39.92 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampled :

PB91389BS

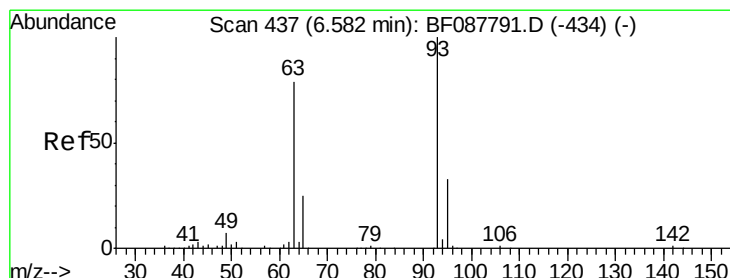
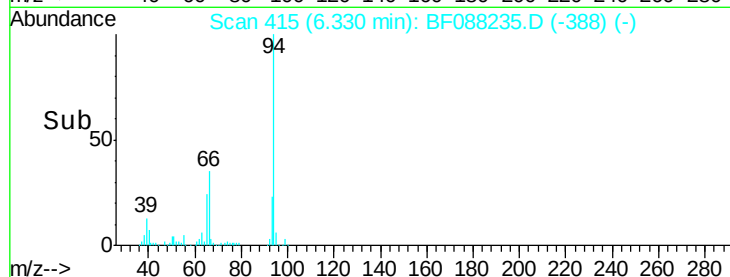
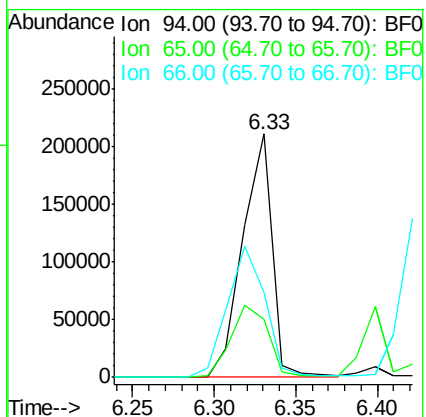
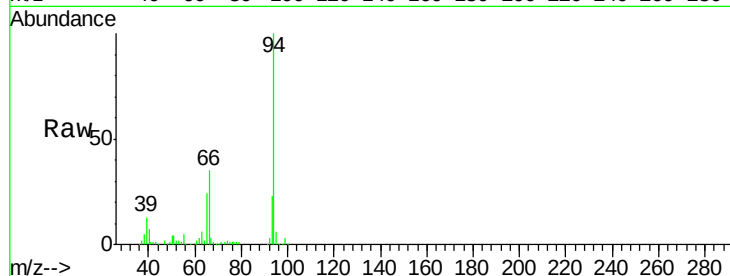
Tgt Ion: 94 Resp: 264583

Ion Ratio Lower Upper

94 100

65 24.1 5.9 45.9

66 34.7 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 45.66 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

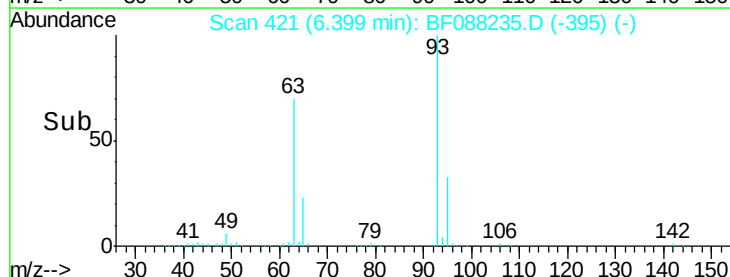
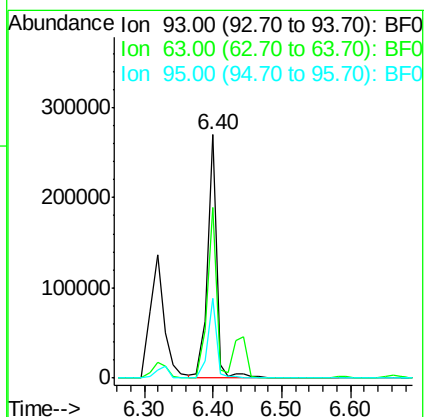
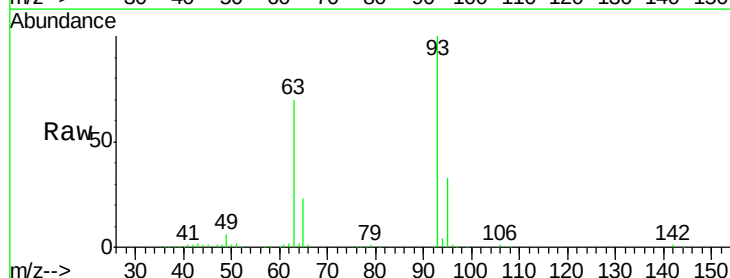
Tgt Ion: 93 Resp: 255217

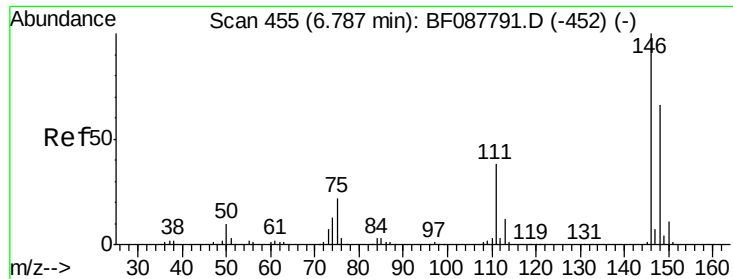
Ion Ratio Lower Upper

93 100

63 70.0 67.6 107.6

95 32.9 12.5 52.5

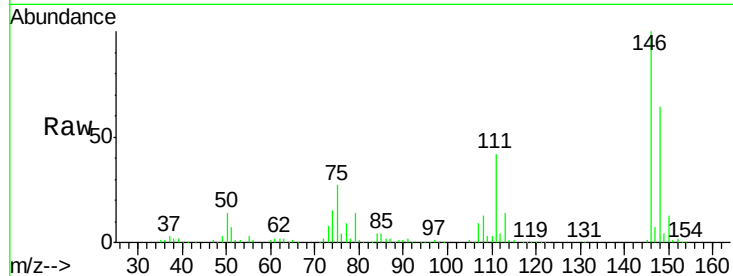




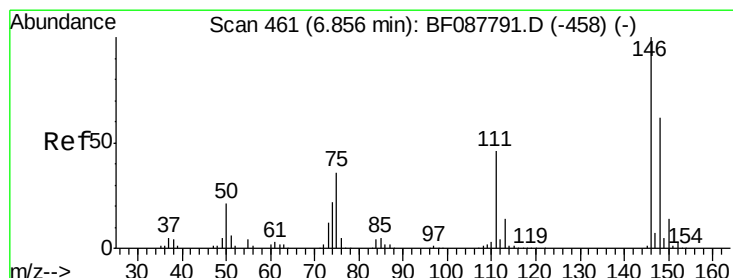
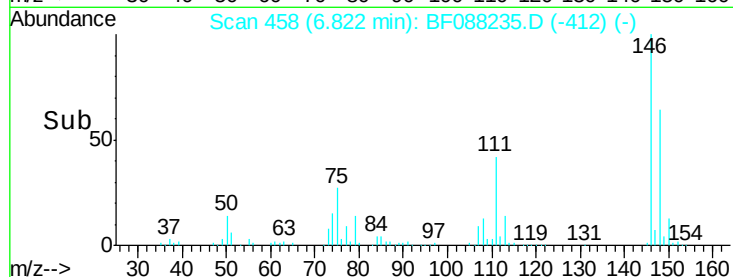
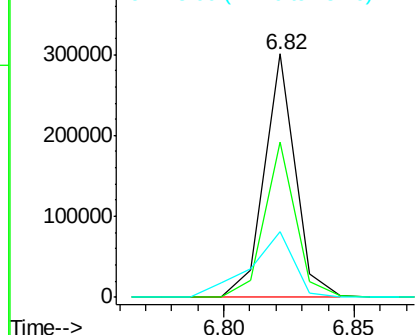
#12
 1,3-Dichlorobenzene
 Concen: 37.45 ng
 RT: 6.82 min Scan# 458
 Delta R.T. 0.23 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.9	76.3
75	27.1	25.6	38.4

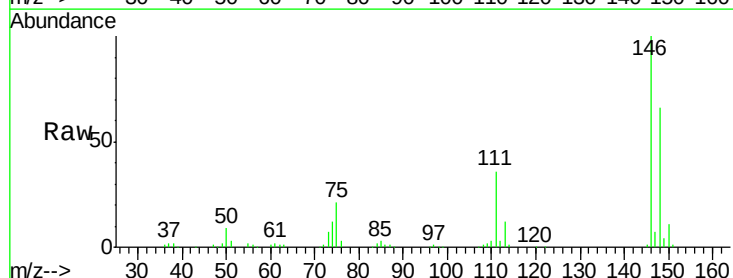


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

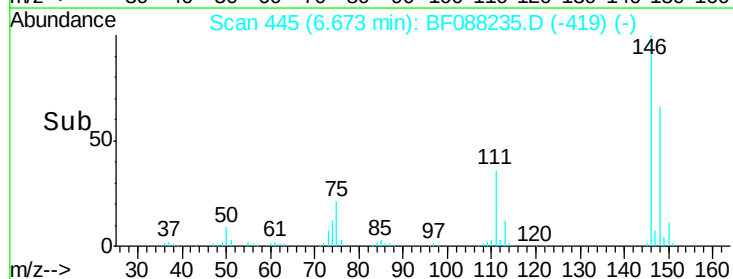
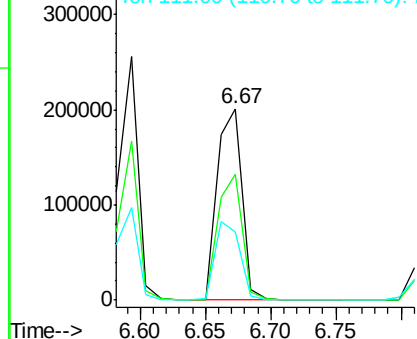


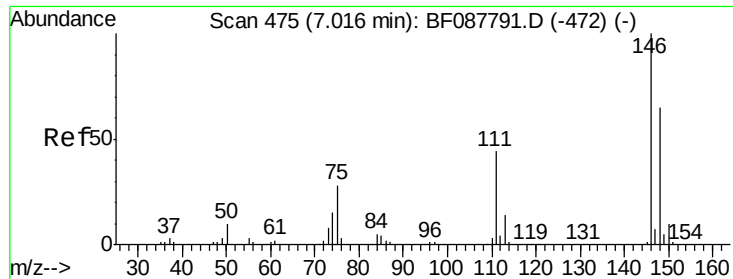
#13
 1,4-Dichlorobenzene
 Concen: 39.91 ng
 RT: 6.67 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.0	78.0
111	35.6	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

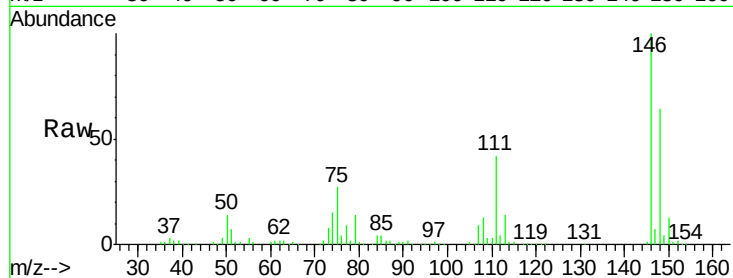




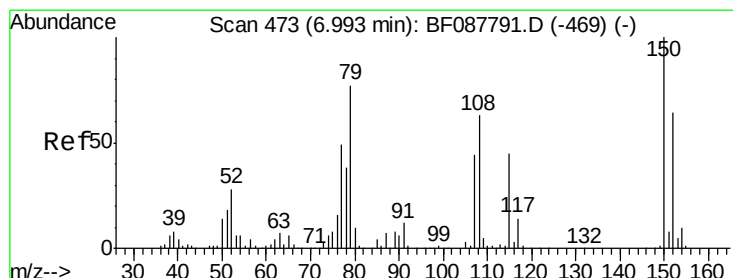
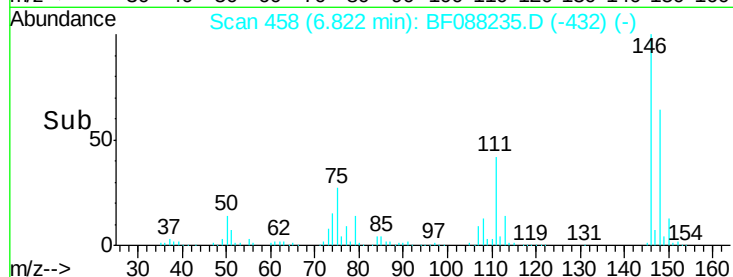
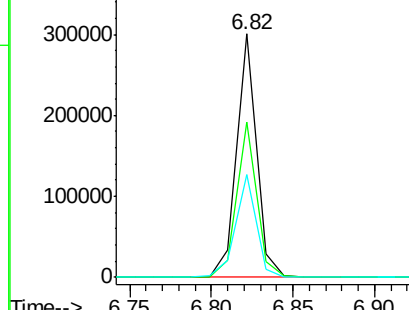
#14
 1,2-Dichlorobenzene
 Concen: 40.93 ng
 RT: 6.82 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tgt Ion: 146 Resp: 250431
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.3 78.5
 111 42.5 28.7 43.1

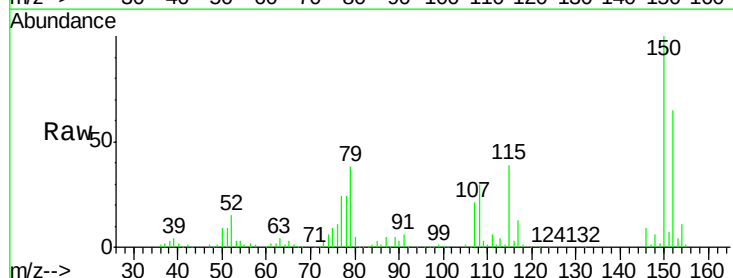


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

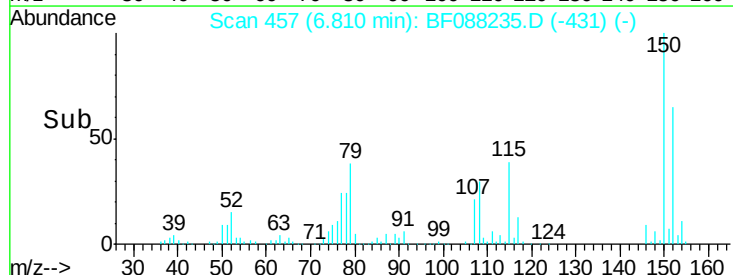
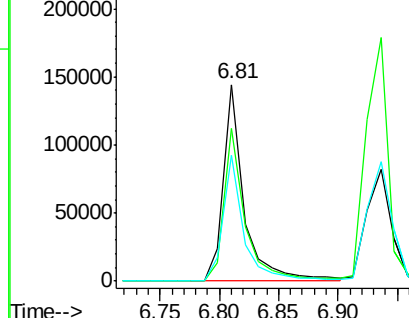


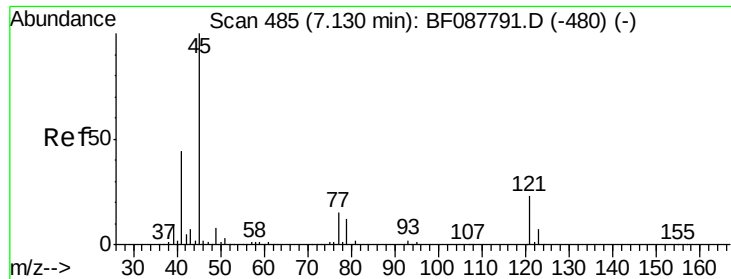
#15
 Benzyl Alcohol
 Concen: 34.94 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion: 79 Resp: 174216
 Ion Ratio Lower Upper
 79 100
 108 78.1 65.0 97.6
 77 64.4 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

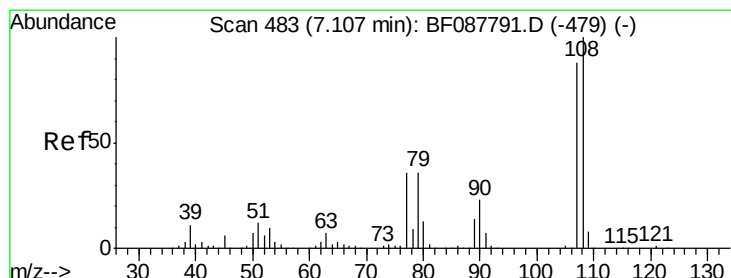
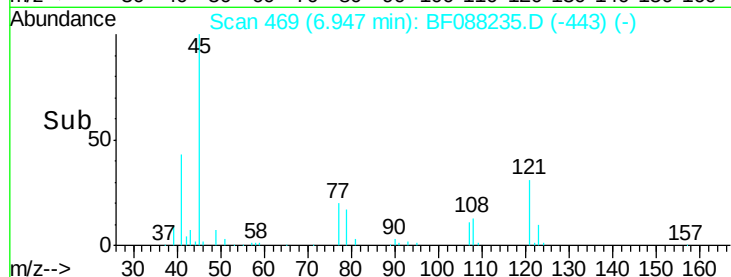
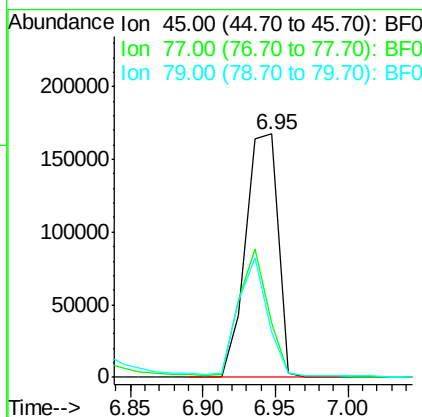
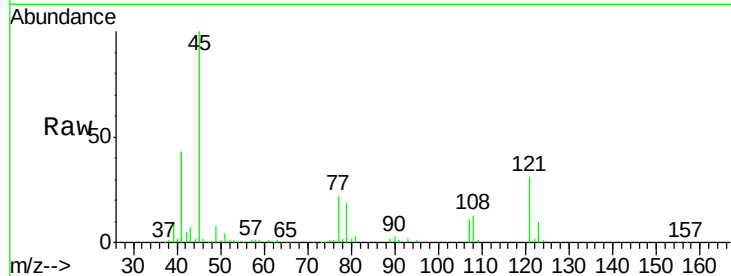




#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.29 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

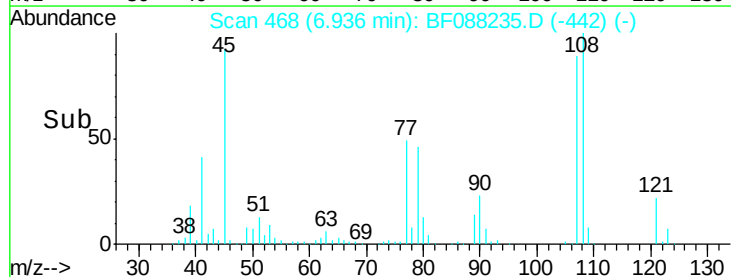
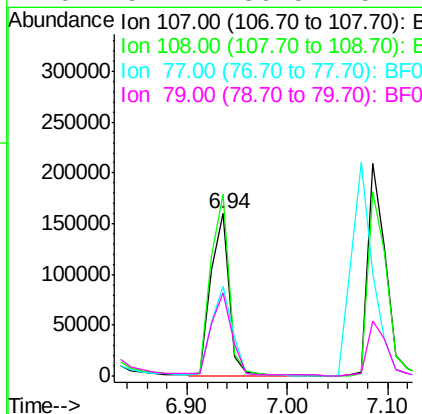
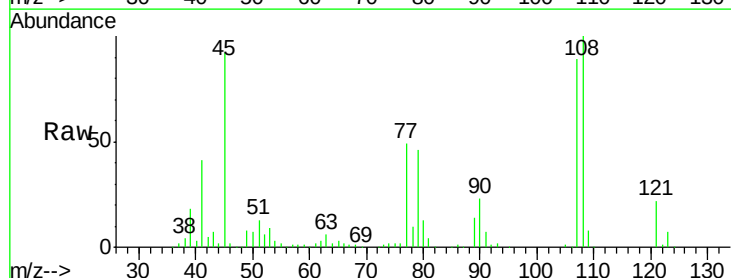
Instrument :
BNA_F
ClientSampleId :
PB91389BS

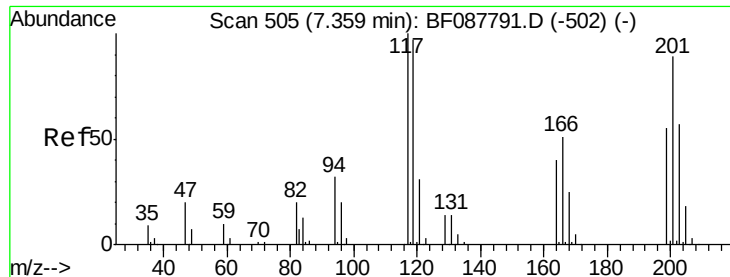
Tgt Ion: 45 Resp: 258932
Ion Ratio Lower Upper
45 100
77 22.4 0.0 32.5
79 18.8 0.0 29.5



#17
2-Methylphenol
Concen: 40.18 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion: 107 Resp: 202853
Ion Ratio Lower Upper
107 100
108 111.9 90.9 136.3
77 55.2 36.6 55.0#
79 51.2 36.5 54.7

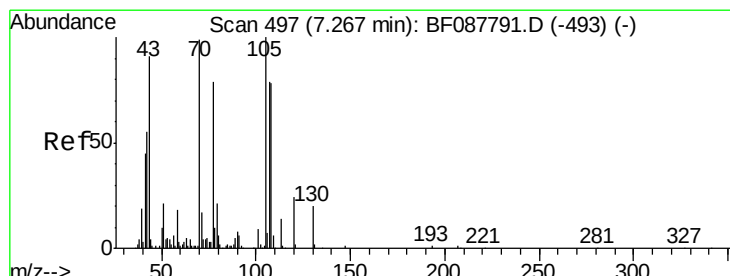
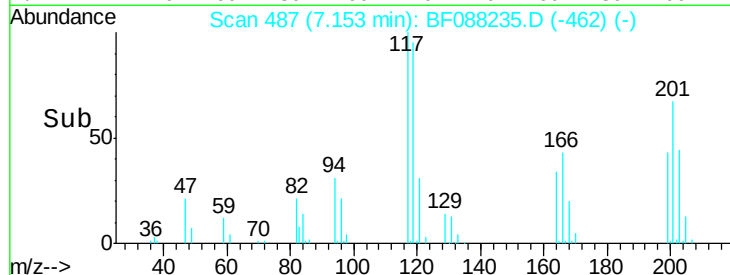
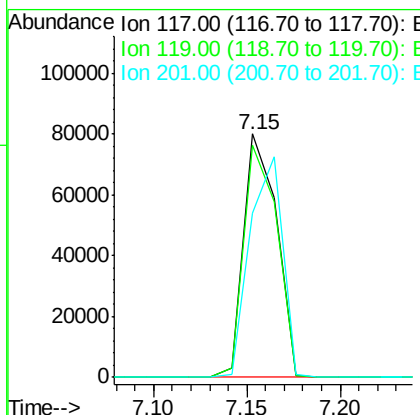
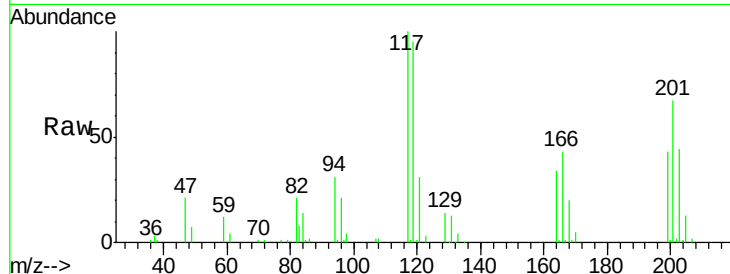




#18
Hexachloroethane
Concen: 41.01 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

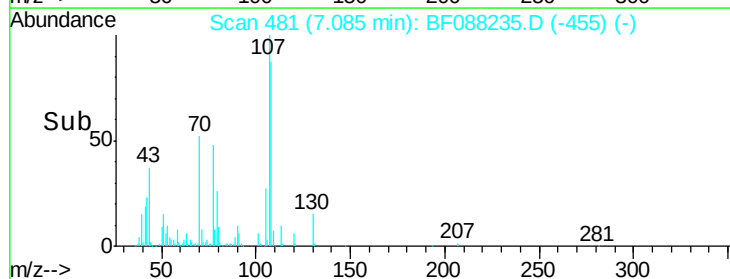
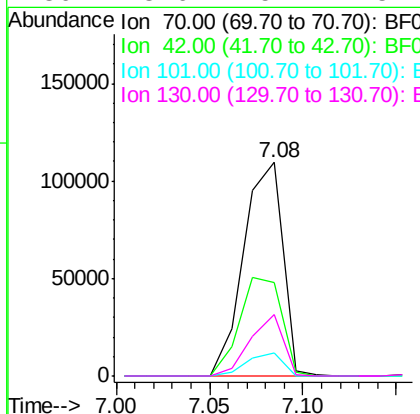
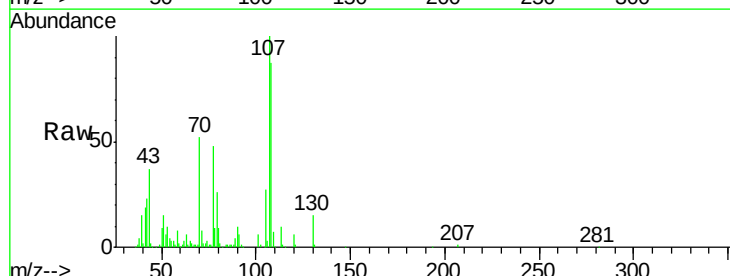
Instrument :
BNA_F
ClientSampleId :
PB91389BS

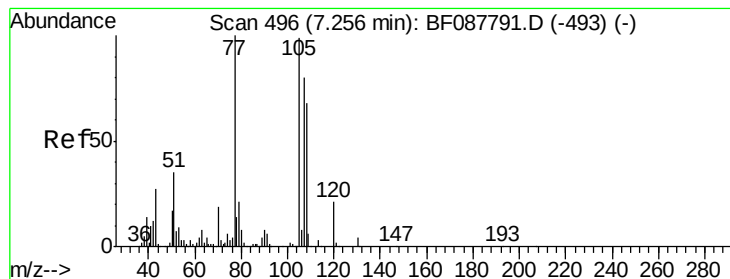
Tgt Ion: 117 Resp: 97907
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.2
201 67.4 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 38.98 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion: 70 Resp: 158944
Ion Ratio Lower Upper
70 100
42 43.8 49.6 74.4#
101 10.8 7.1 10.7#
130 28.6 15.4 23.2#





#20

3+4-Methylphenols

Concen: 44.14 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

Tgt Ion:107 Resp: 259988

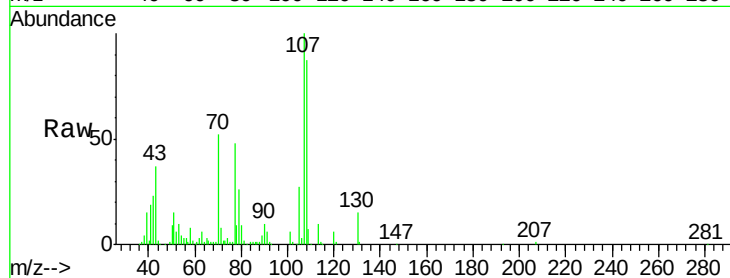
Ion Ratio Lower Upper

107 100

108 87.1 67.8 107.8

77 48.3 59.3 99.3#

79 25.8 7.0 47.0



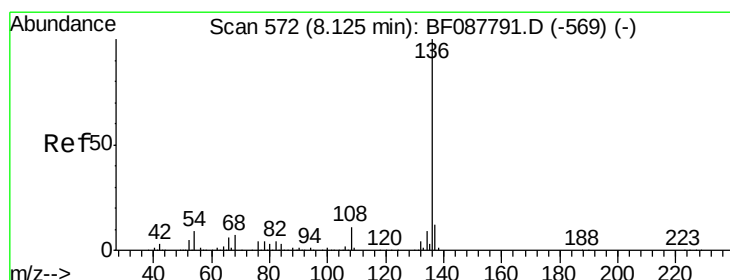
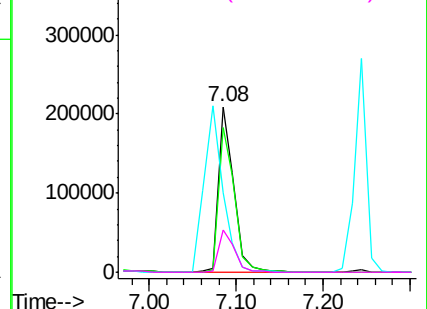
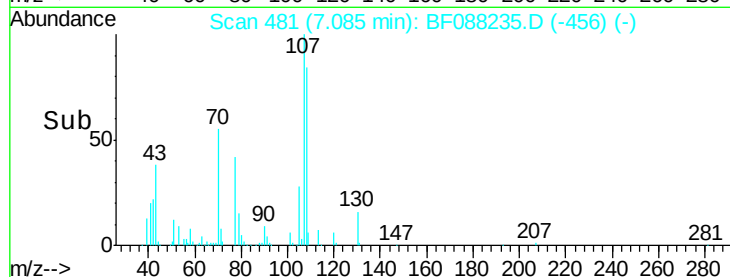
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion:136 Resp: 356211

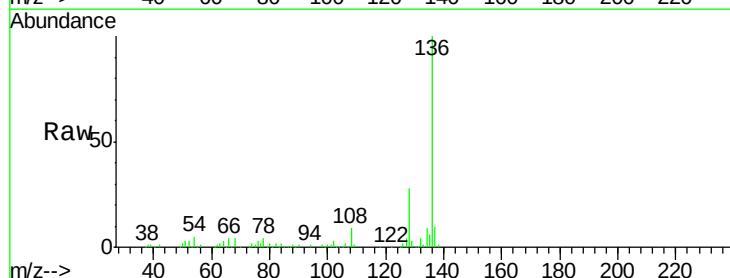
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 4.9 6.6 10.0#

68 4.4 5.1 7.7#



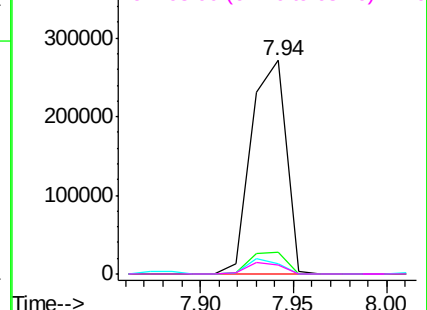
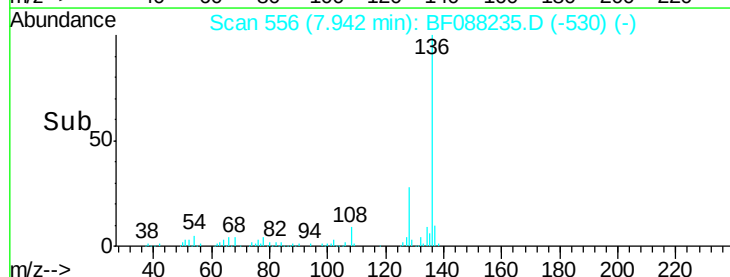
Abundance

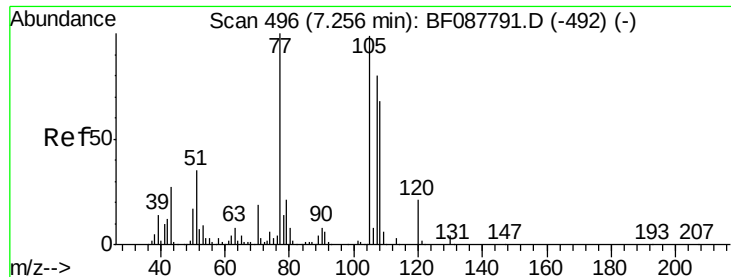
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 43.02 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

Tgt Ion: 105 Resp: 342494

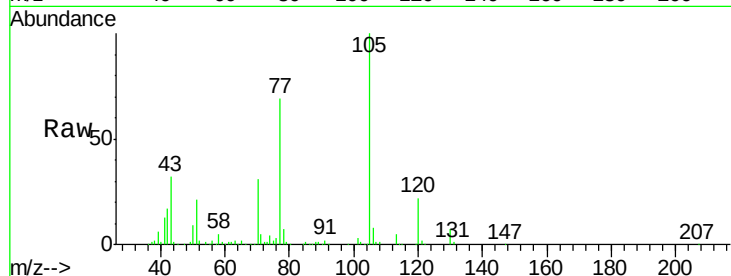
Ion Ratio Lower Upper

105 100

71 5.4 5.3 7.9

51 21.1 18.2 27.4

120 21.8 18.0 27.0

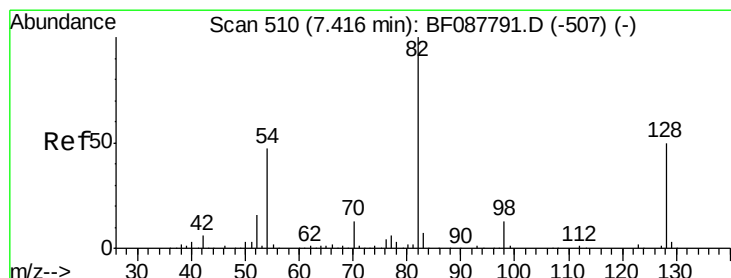
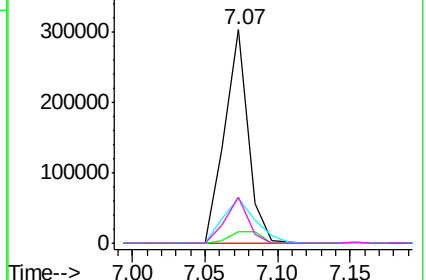
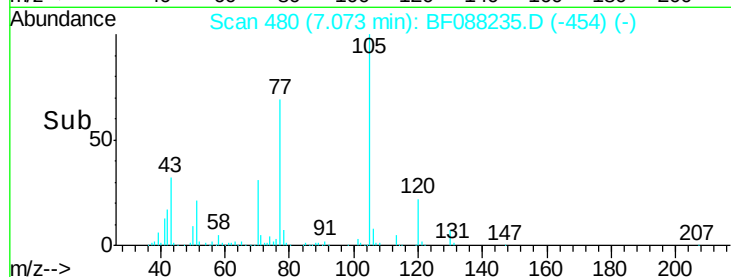


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 74.84 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

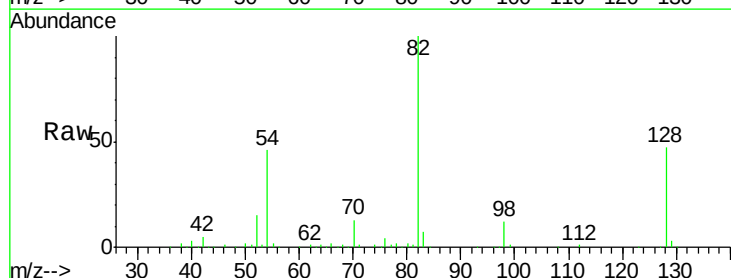
Tgt Ion: 82 Resp: 456546

Ion Ratio Lower Upper

82 100

128 46.8 35.9 53.9

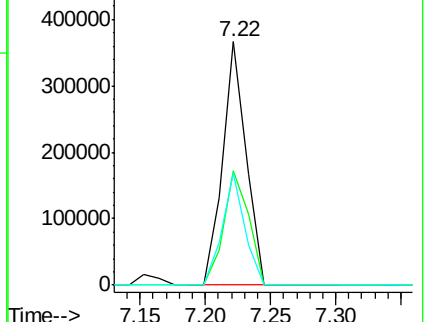
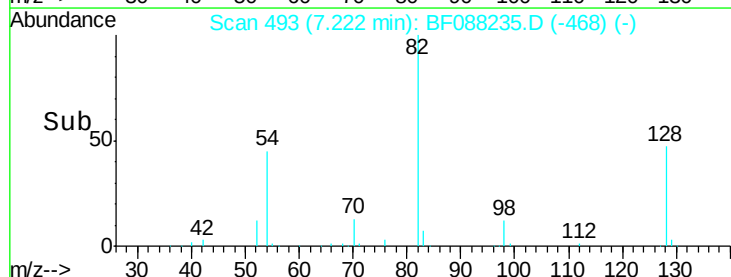
54 45.9 40.9 61.3

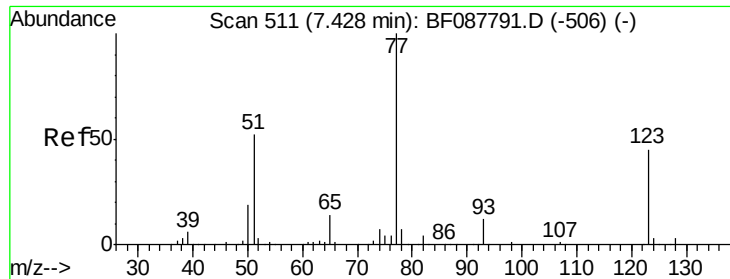


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

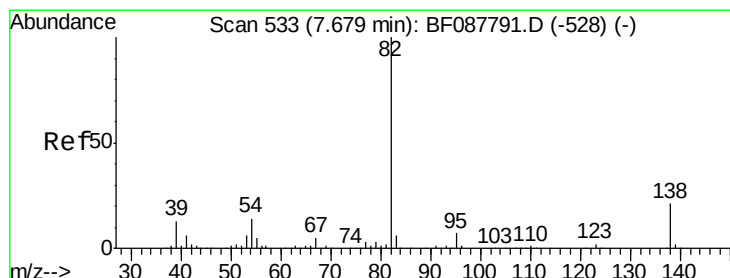
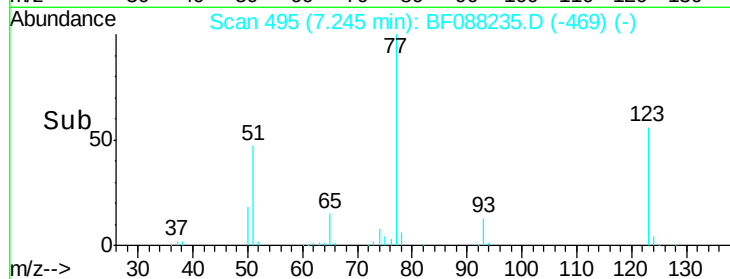
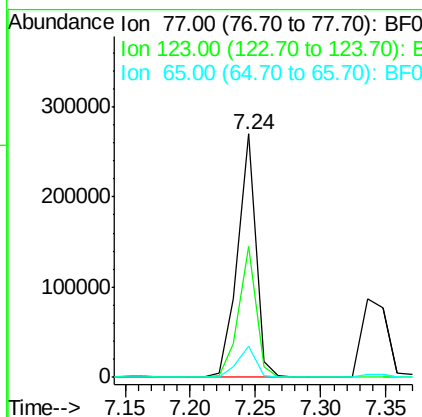
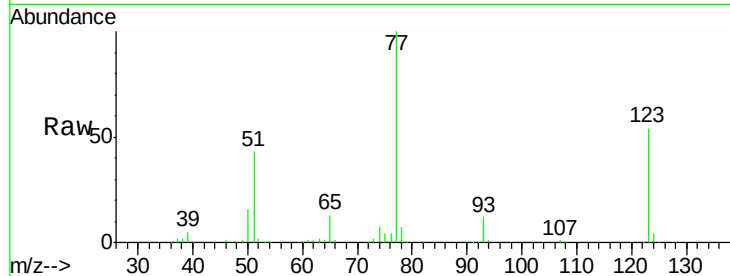




#24
 Nitrobenzene
 Concen: 44.67 ng
 RT: 7.24 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

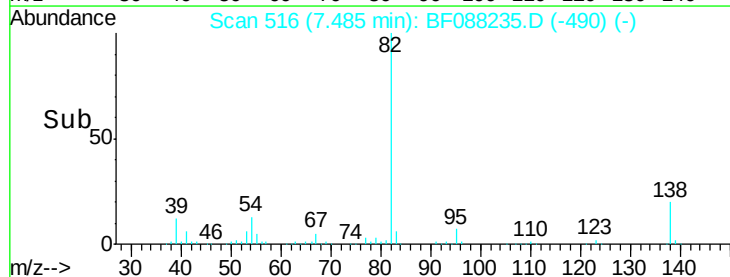
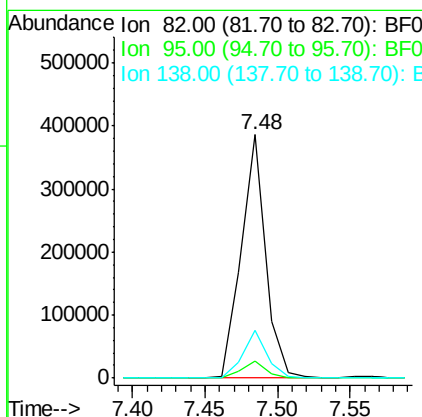
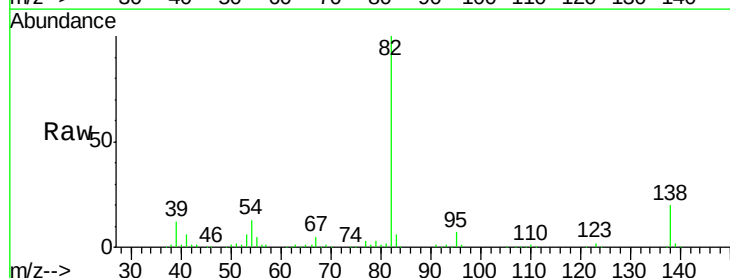
Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

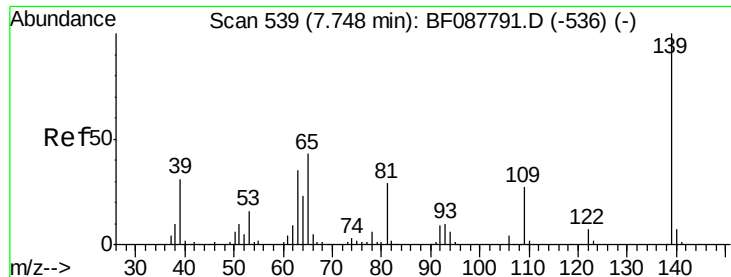
Tgt Ion: 77 Resp: 263936
 Ion Ratio Lower Upper
 77 100
 123 53.9 45.0 67.4
 65 12.8 10.2 15.2



#25
 Isophorone
 Concen: 39.89 ng
 RT: 7.48 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion: 82 Resp: 450716
 Ion Ratio Lower Upper
 82 100
 95 7.2 5.4 8.2
 138 19.5 14.6 21.8

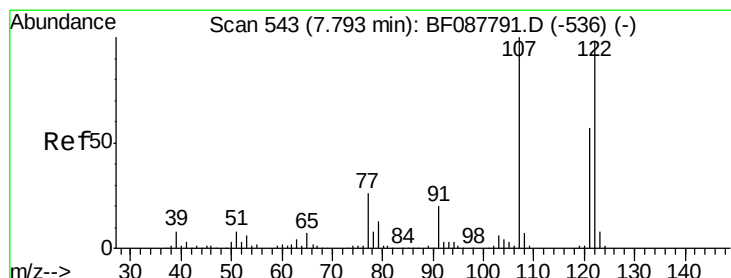
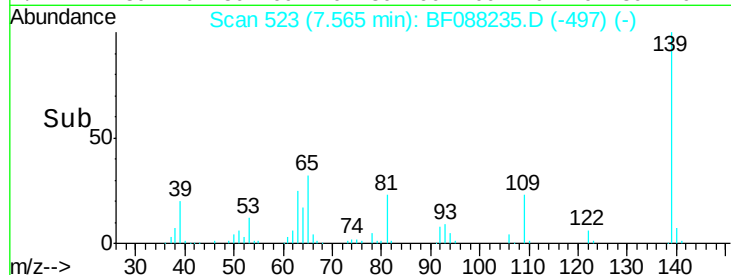
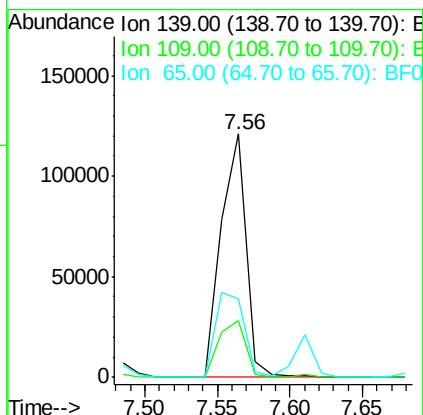
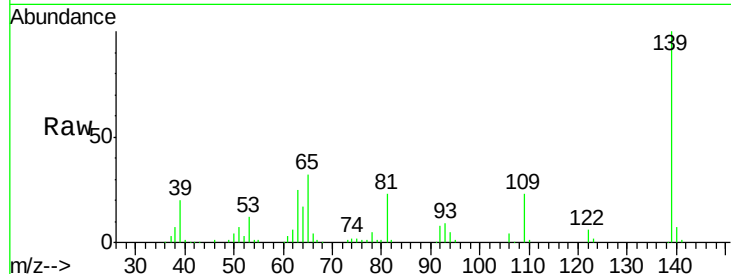




#26
 2-Nitrophenol
 Concen: 45.72 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

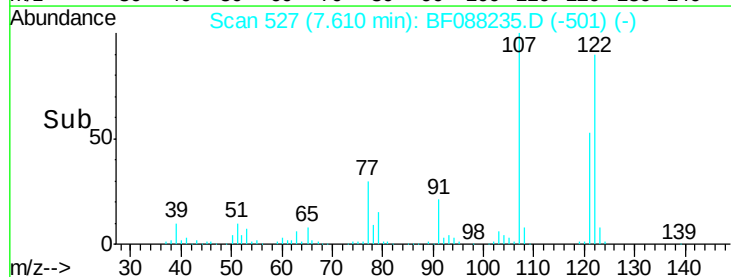
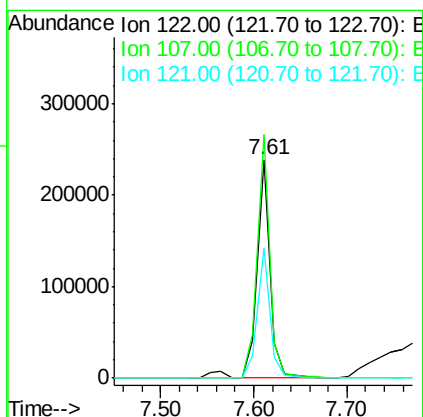
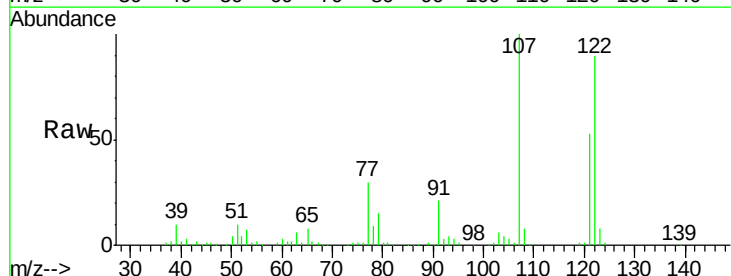
Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

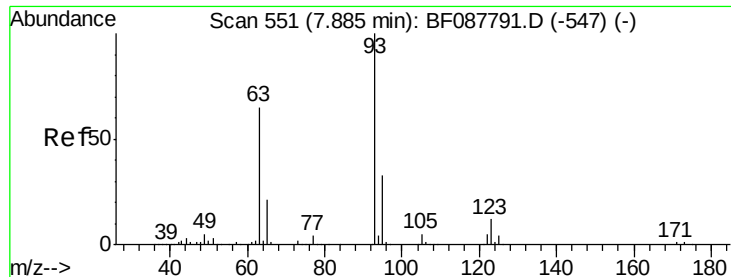
Tgt Ion	Ratio	Lower	Upper
139	100		
109	23.1	23.0	34.4
65	32.0	45.8	68.8#



#27
 2,4-Dimethylphenol
 Concen: 40.43 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.6	82.4	123.6
121	59.5	46.3	69.5

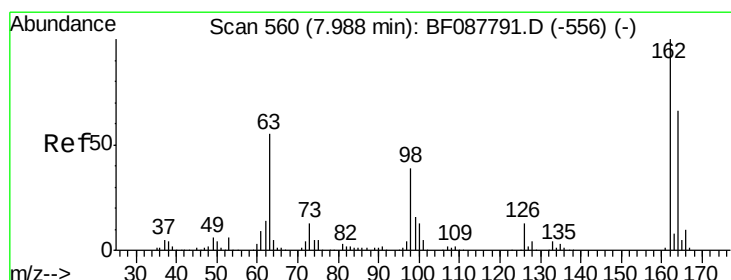
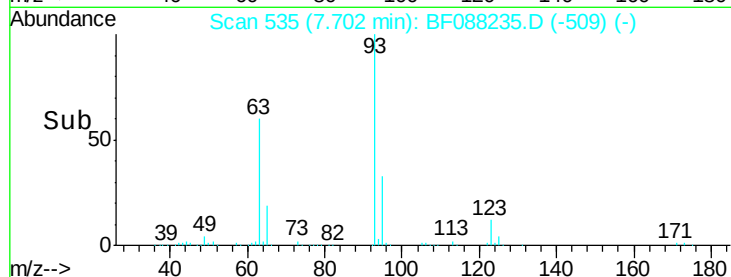
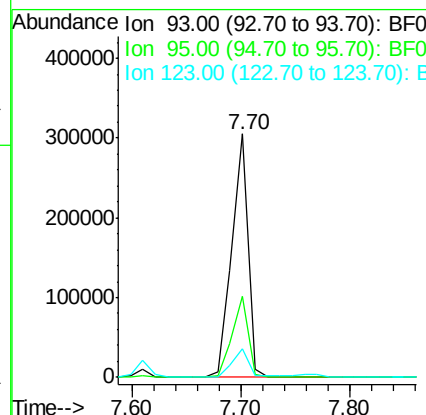
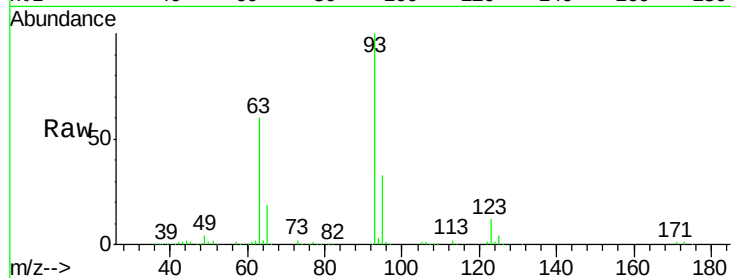




#28
 bis(2-Chloroethoxy)methane
 Concen: 44.87 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

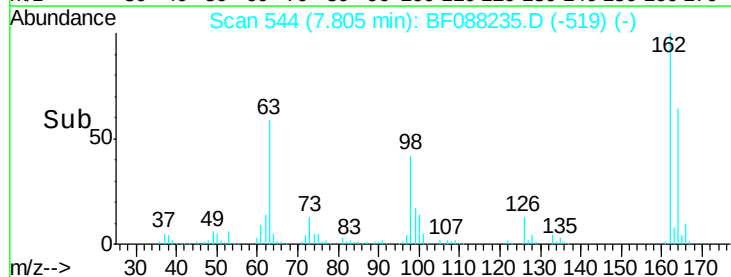
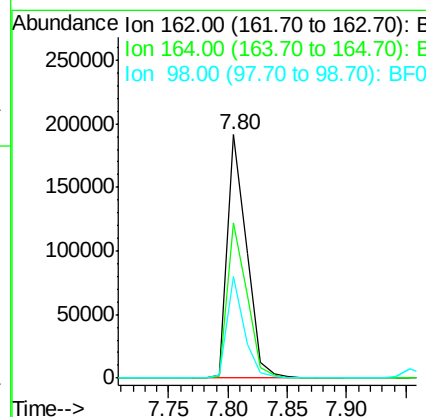
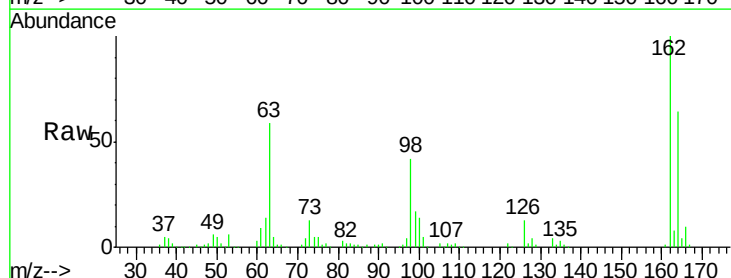
Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

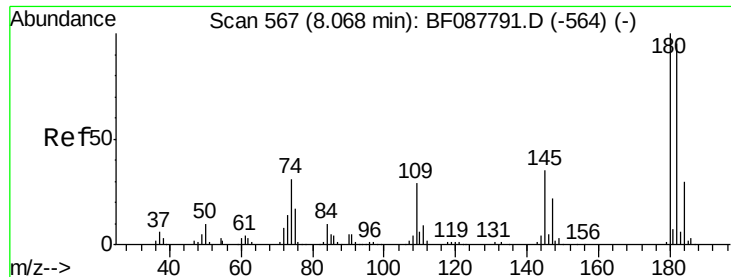
Tgt Ion:	93	Resp:	314459
Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.8	11.6	17.4



#29
 2,4-Dichlorophenol
 Concen: 43.63 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion:	162	Resp:	212283
Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.8	83.8
98	41.6	21.3	61.3

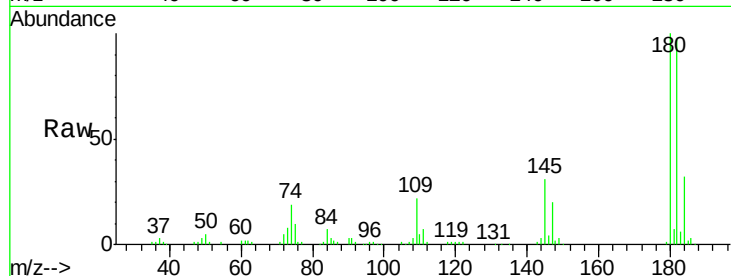




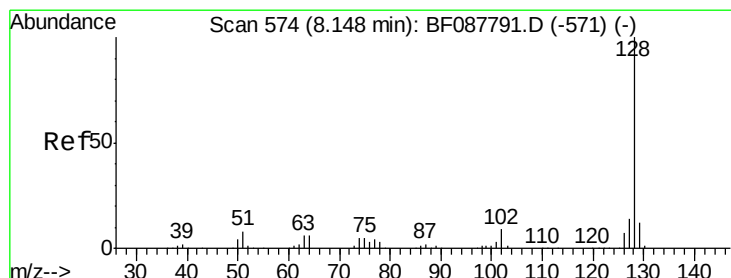
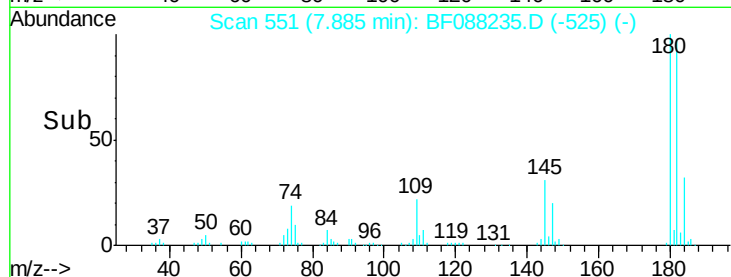
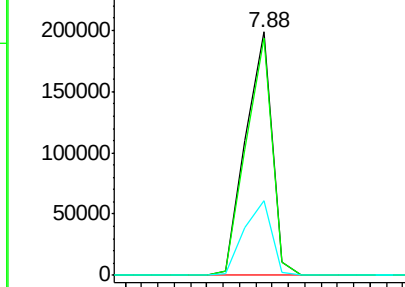
#30
 1,2,4-Trichlorobenzene
 Concen: 41.92 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tgt Ion:180 Resp: 222106
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.0 114.0
 145 30.8 26.5 39.7

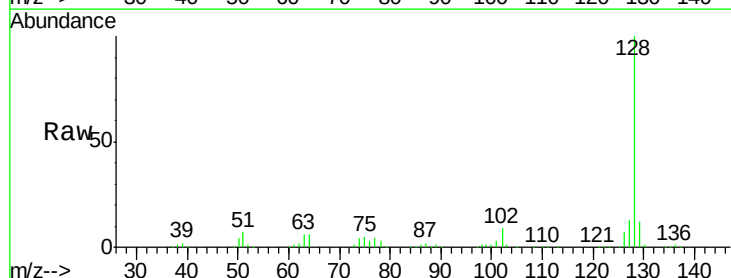


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

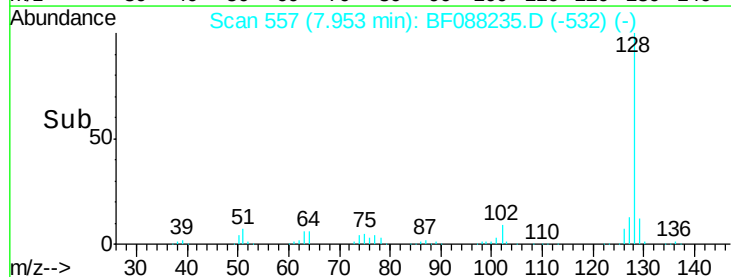
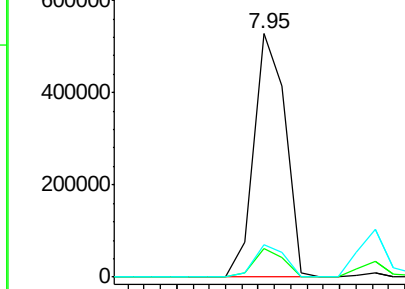


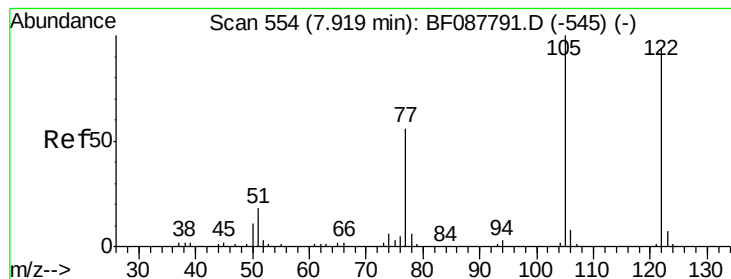
#31
 Naphthalene
 Concen: 40.08 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion:128 Resp: 706522
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.2
 127 13.3 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: 37.33 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

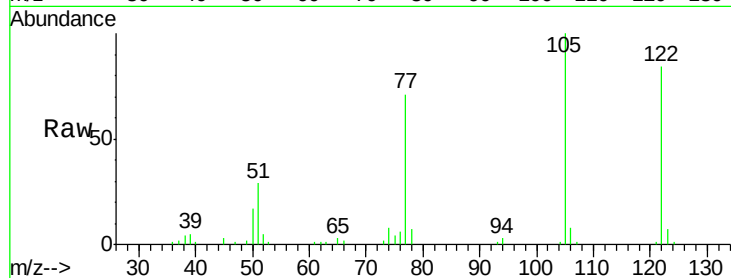
Tgt Ion:122 Resp: 119809

Ion Ratio Lower Upper

122 100

105 118.6 101.6 141.6

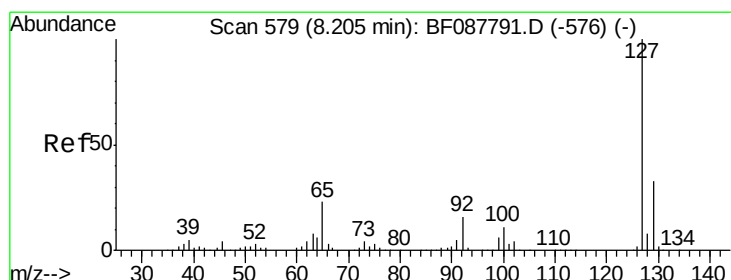
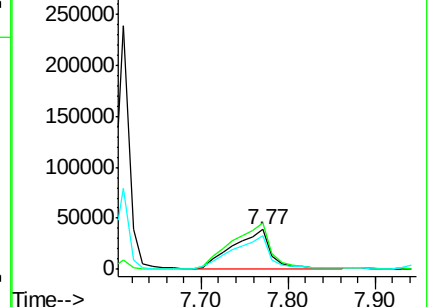
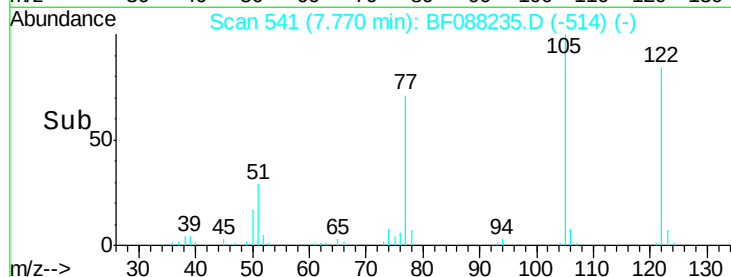
77 83.7 70.6 110.6



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: 17.57 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion:127 Resp: 138264

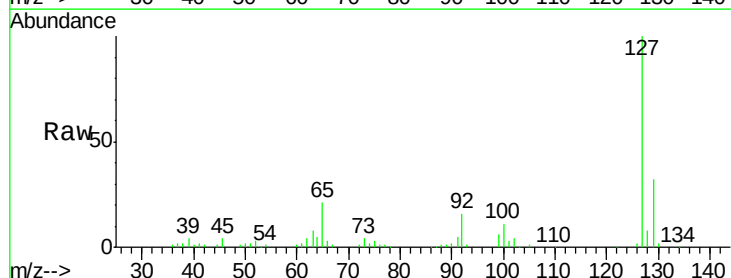
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 21.3 24.7 37.1#

92 15.5 15.4 23.0

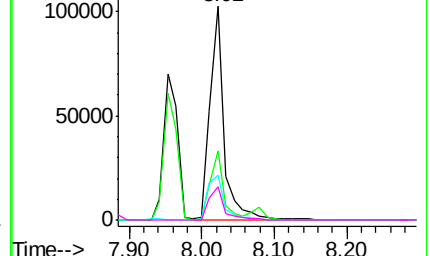
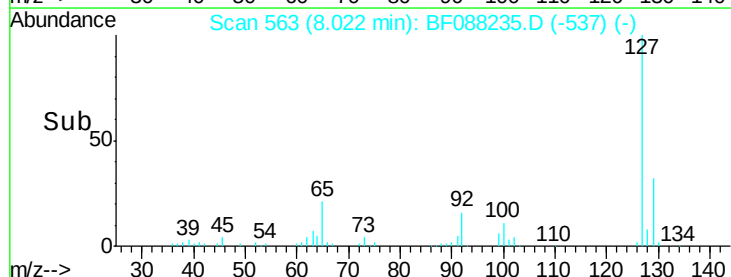


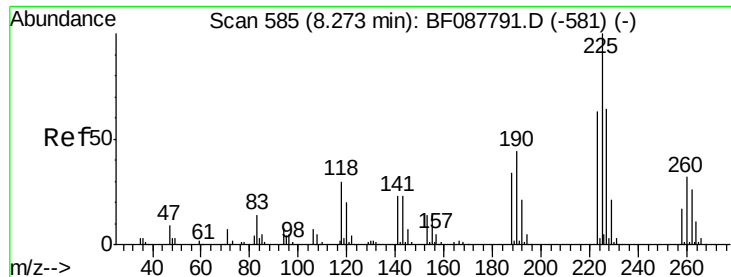
Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.15 ng

RT: 8.08 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

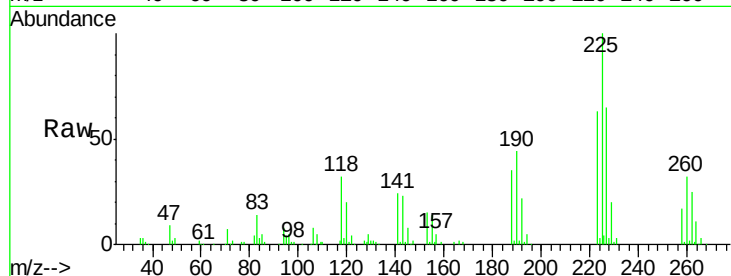
Tgt Ion:225 Resp: 117792

Ion Ratio Lower Upper

225 100

223 63.1 50.9 76.3

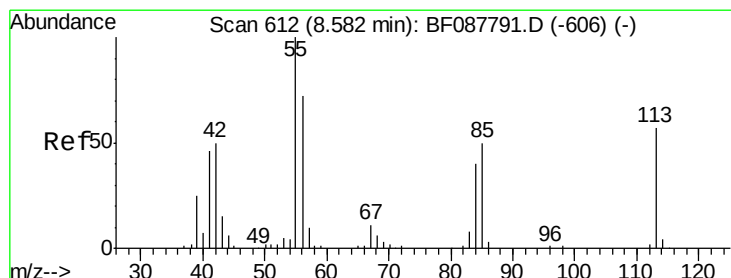
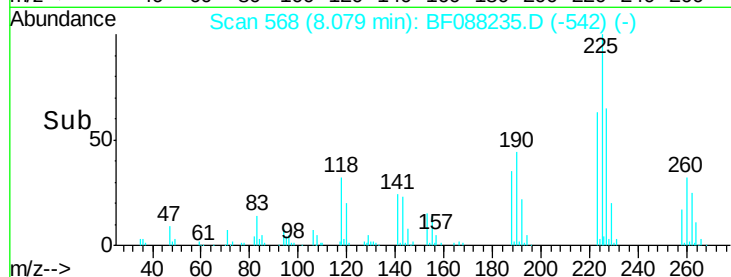
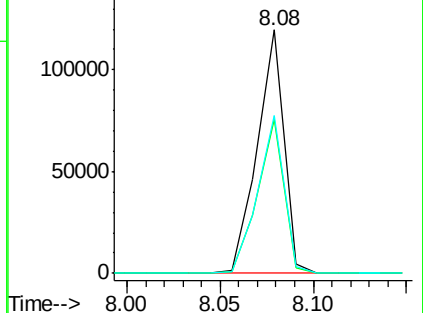
227 64.6 51.9 77.9



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: 29.37 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

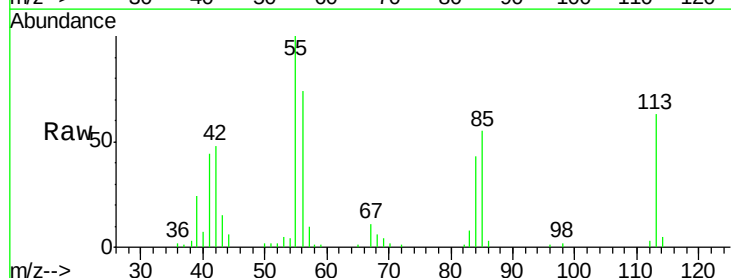
Tgt Ion:113 Resp: 47339

Ion Ratio Lower Upper

113 100

55 159.0 158.6 198.6

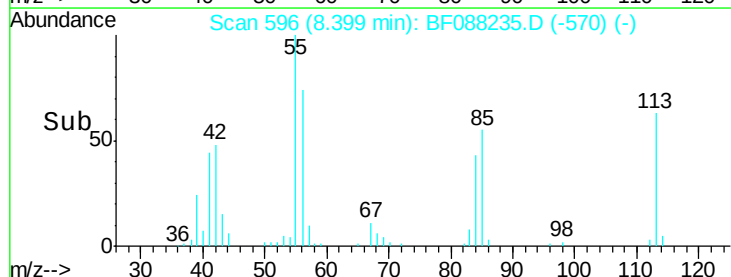
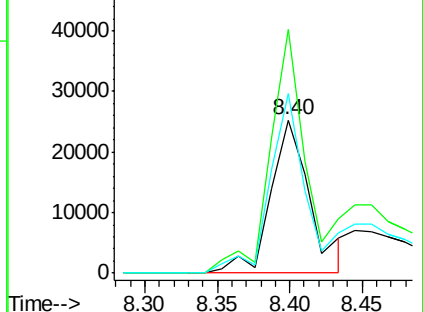
56 117.6 110.6 150.6

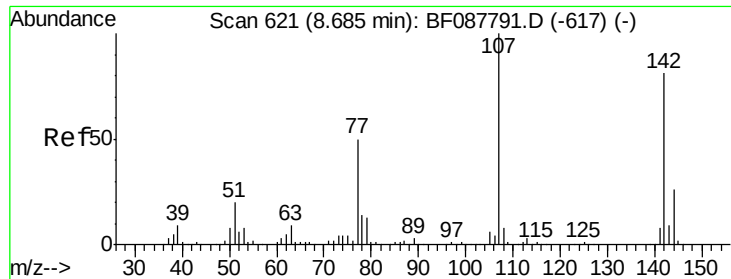


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

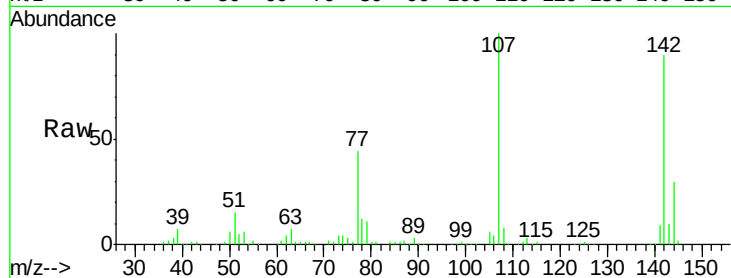




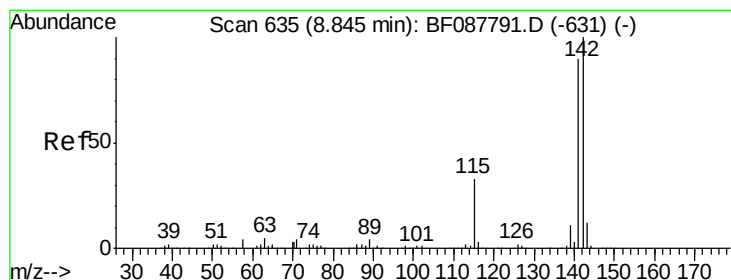
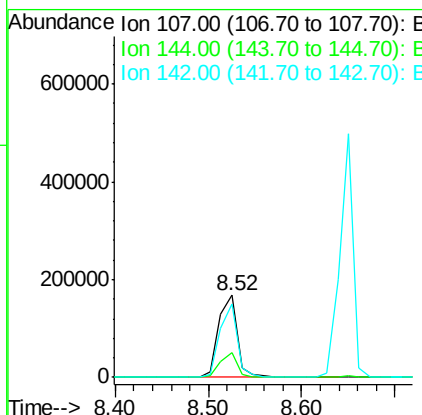
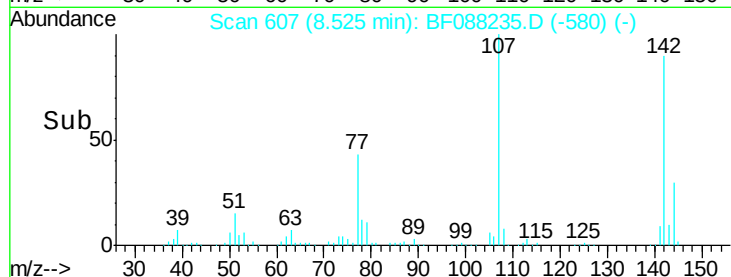
#36
 4-Chloro-3-methylphenol
 Concen: 45.00 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tgt Ion:107 Resp: 234175
 Ion Ratio Lower Upper
 107 100
 144 30.0 20.8 31.2
 142 89.9 63.4 95.2

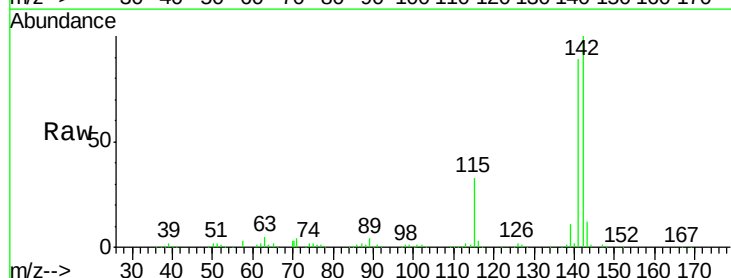


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

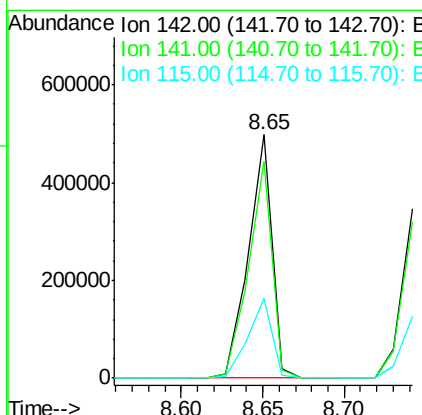
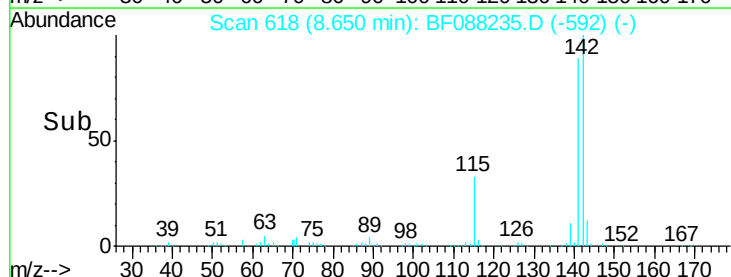


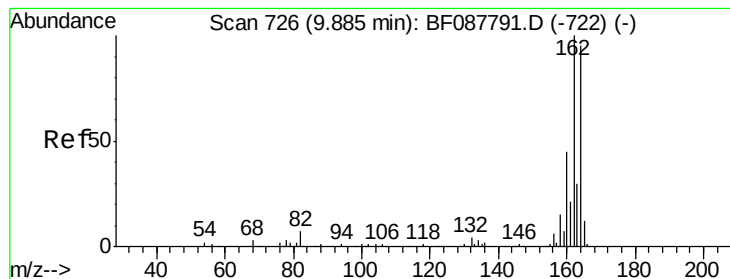
#37
 2-Methylnaphthalene
 Concen: 42.98 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion:142 Resp: 499391
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.0 106.6
 115 32.9 22.6 33.8



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

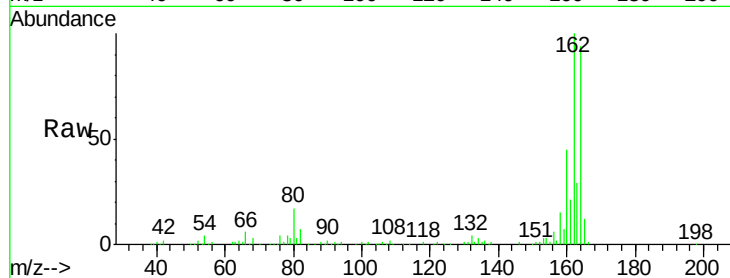
Tgt Ion:164 Resp: 166581

Ion Ratio Lower Upper

164 100

162 106.8 85.4 128.2

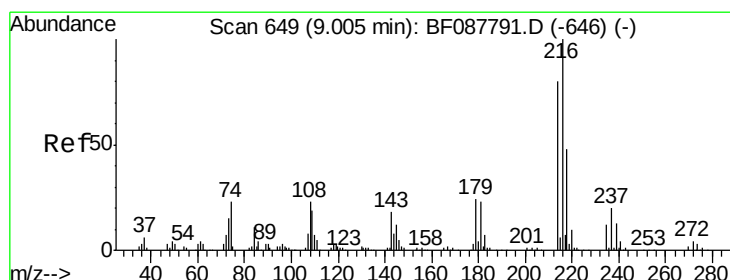
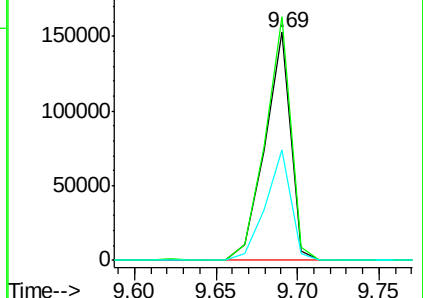
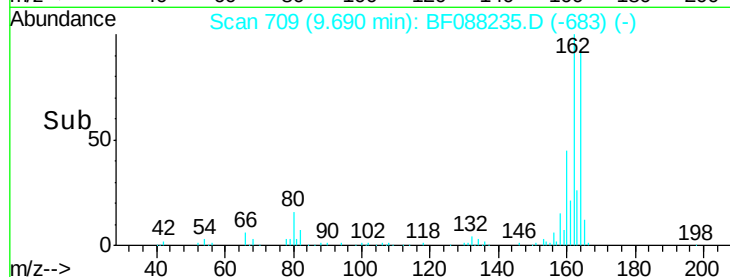
160 48.2 39.5 59.3



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: 47.82 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion:216 Resp: 202918

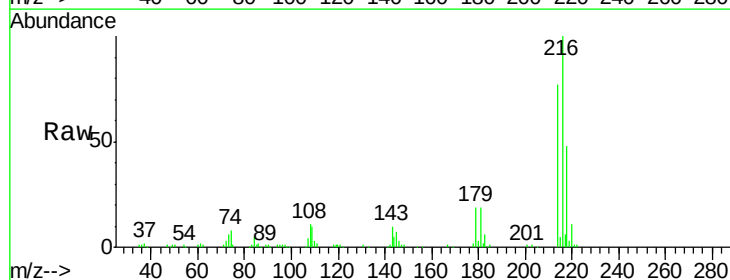
Ion Ratio Lower Upper

216 100

214 78.2 2.9 4.3#

179 21.7 0.0 0.0#

108 20.0 0.5 0.7#

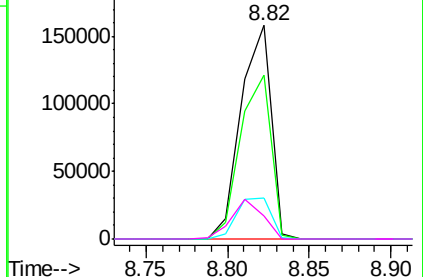
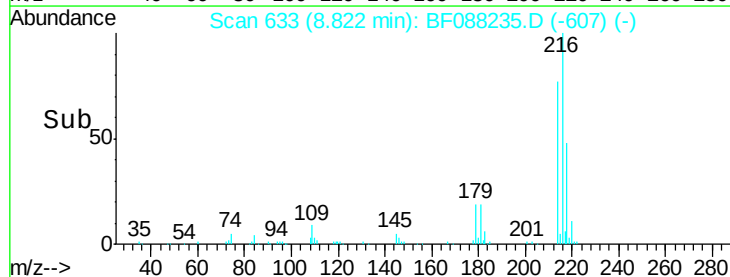


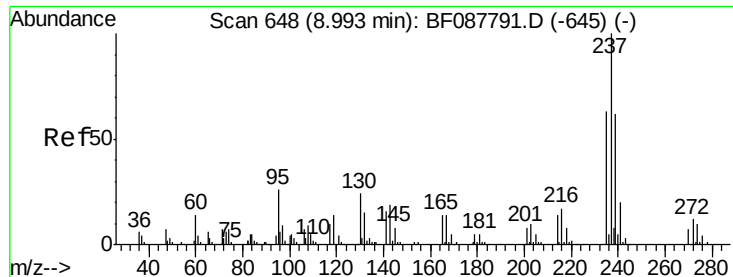
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

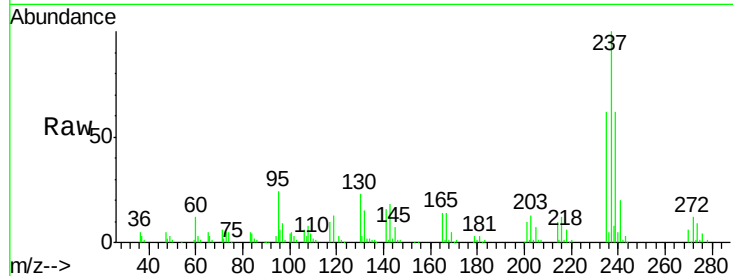




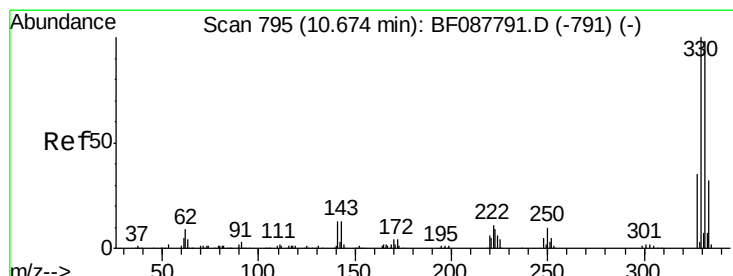
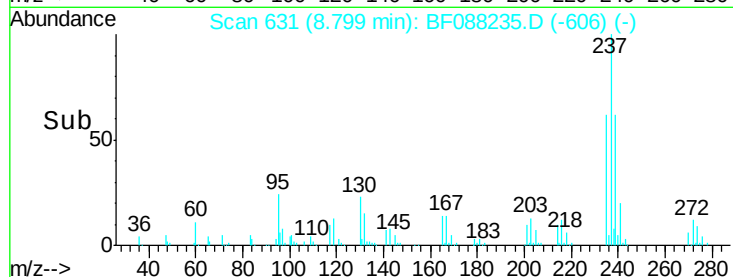
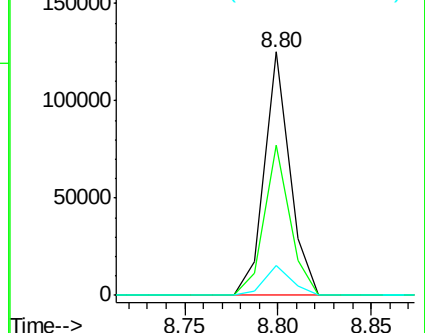
#40
Hexachlorocyclopentadiene
Concen: 43.92 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tgt Ion: 237 Resp: 118009
Ion Ratio Lower Upper
237 100
235 61.9 43.4 83.4
272 12.3 0.0 32.3

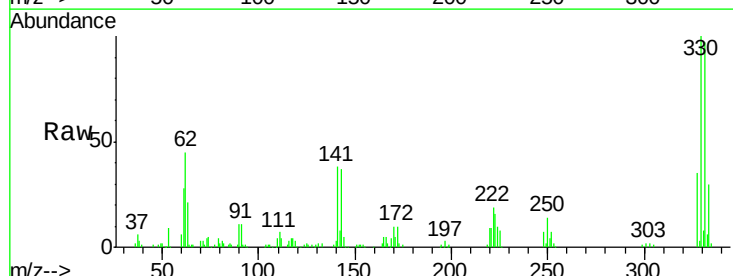


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

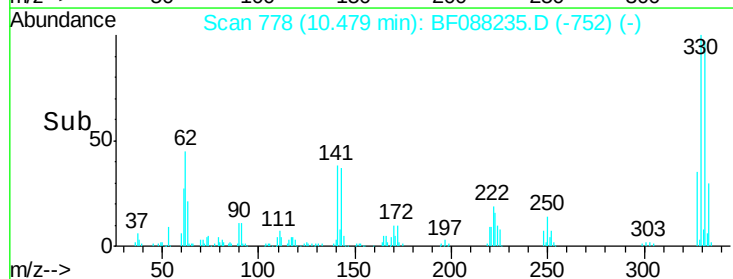
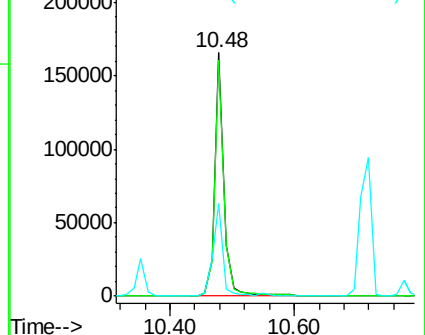


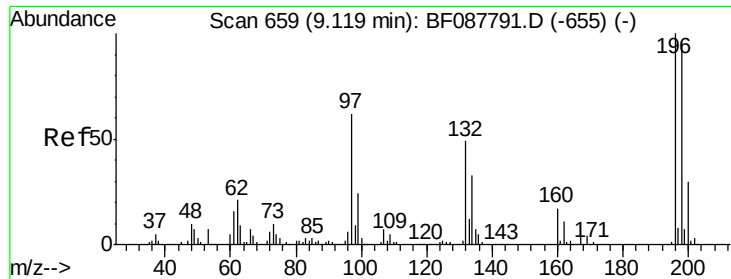
#41
2,4,6-Tribromophenol
Concen: 97.04 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion: 330 Resp: 170681
Ion Ratio Lower Upper
330 100
332 97.6 0.0 0.0#
141 40.0 0.0 0.0#



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

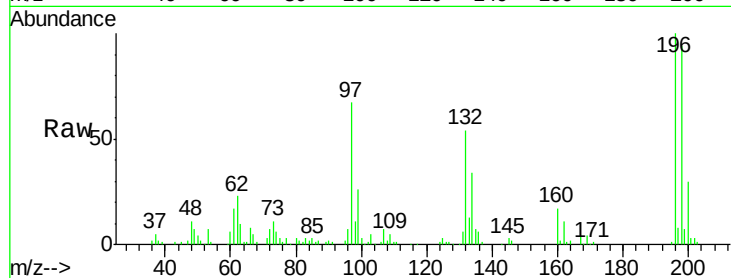




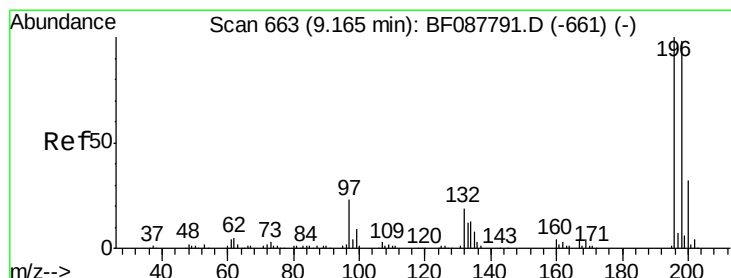
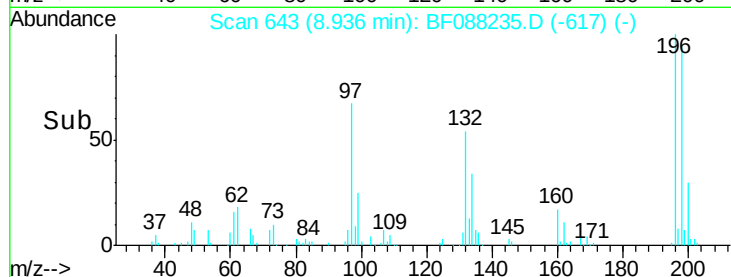
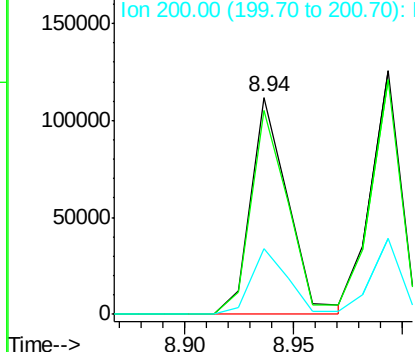
#42
 2,4,6-Trichlorophenol
 Concen: 39.82 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tgt Ion:196 Resp: 132649
 Ion Ratio Lower Upper
 196 100
 198 94.3 78.0 117.0
 200 30.5 25.4 38.2

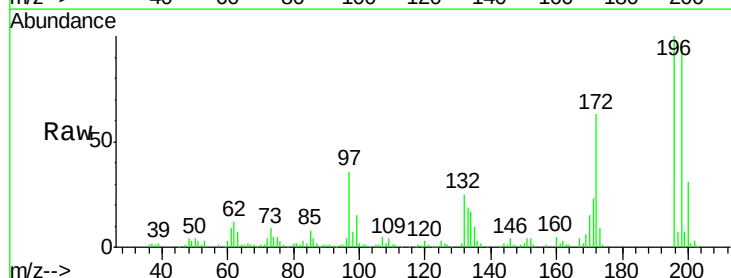


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

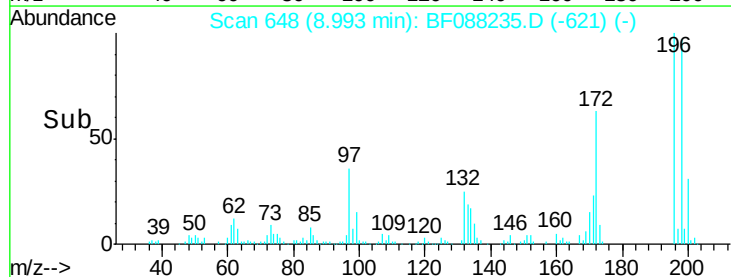
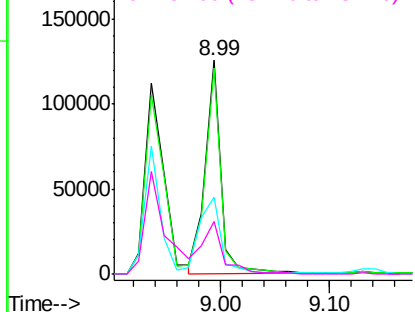


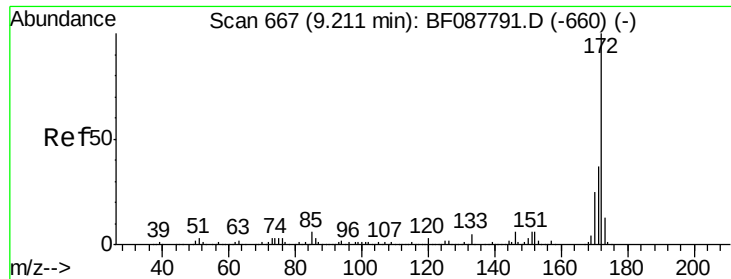
#43
 2,4,5-Trichlorophenol
 Concen: 36.74 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion:196 Resp: 127316
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.5 116.3
 97 35.9 32.0 48.0
 132 24.8 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

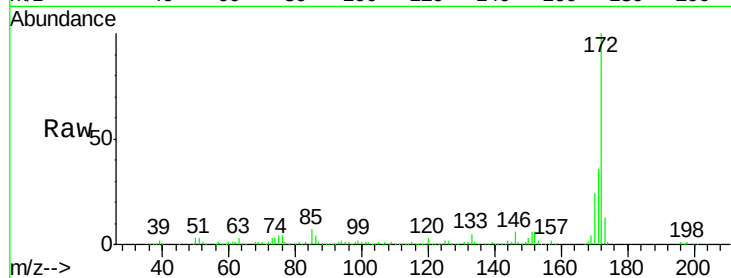




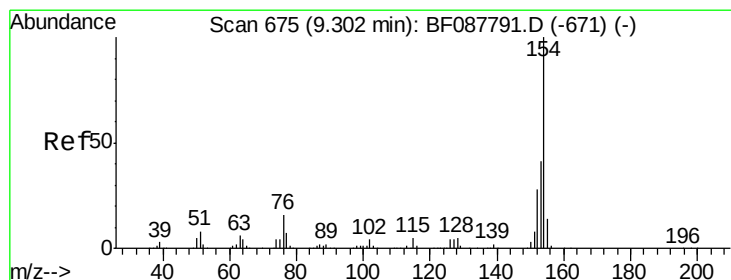
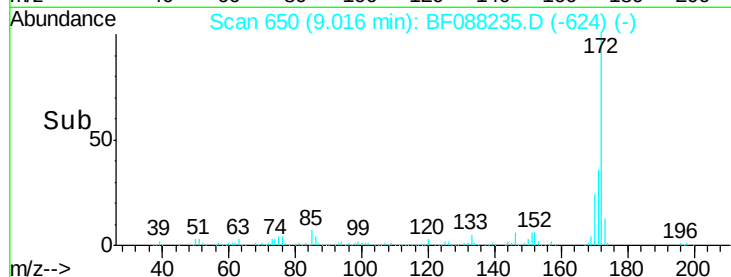
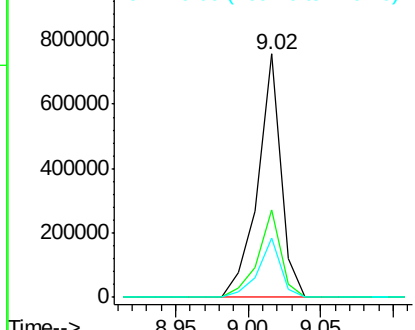
#44
2-Fluorobiphenyl
Concen: 79.00 ng
RT: 9.02 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tgt Ion:172 Resp: 841904
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.1 19.2 28.8

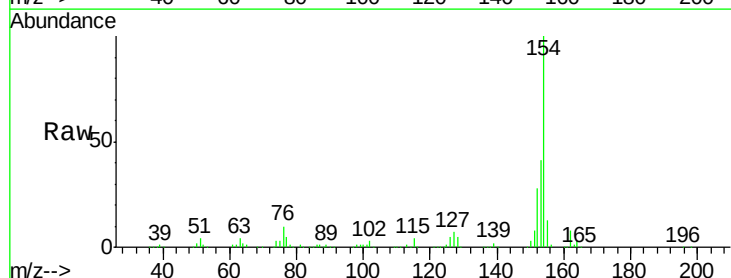


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

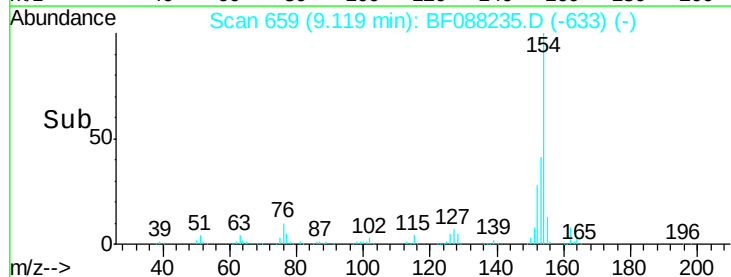
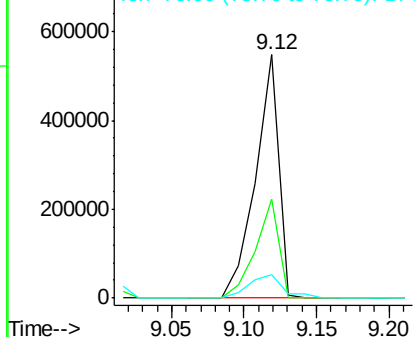


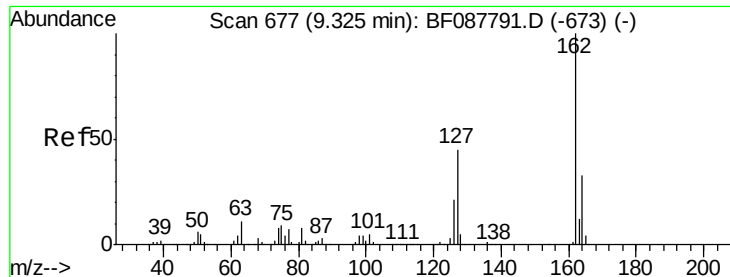
#45
1,1'-Biphenyl
Concen: 49.25 ng
RT: 9.12 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion:154 Resp: 608435
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 9.8 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

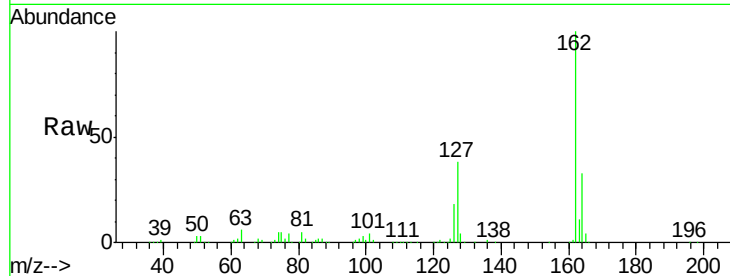




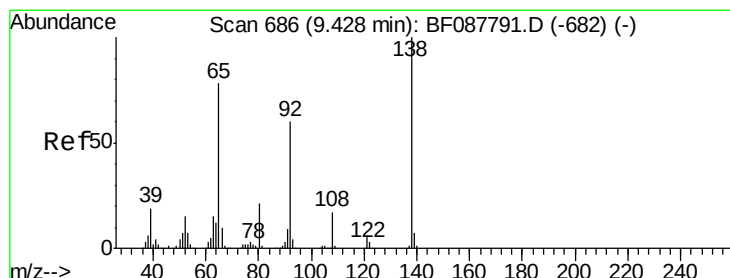
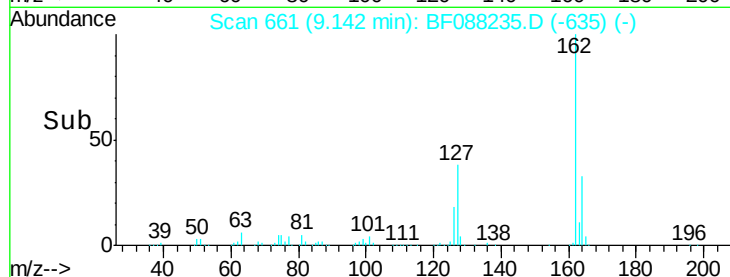
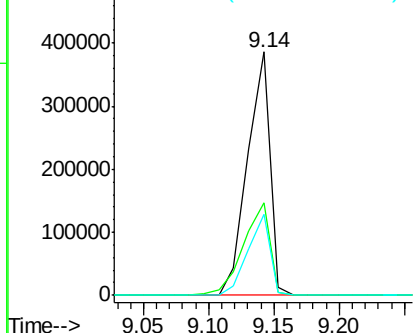
#46
 2-Chloronaphthalene
 Concen: 43.07 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tgt Ion: 162 Resp: 464289
 Ion Ratio Lower Upper
 162 100
 127 38.1 35.2 52.8
 164 33.4 26.6 39.8

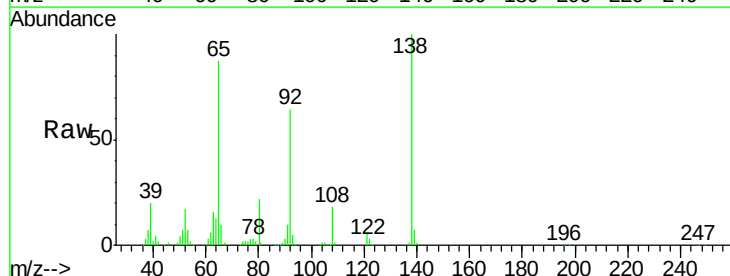


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

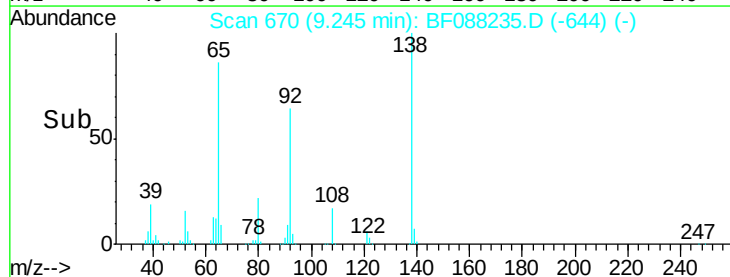
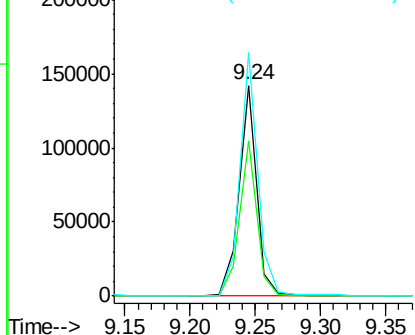


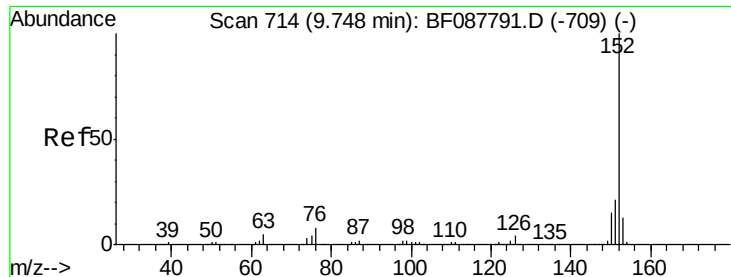
#47
 2-Nitroaniline
 Concen: 41.28 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion: 65 Resp: 131258
 Ion Ratio Lower Upper
 65 100
 92 73.8 54.6 82.0
 138 115.5 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

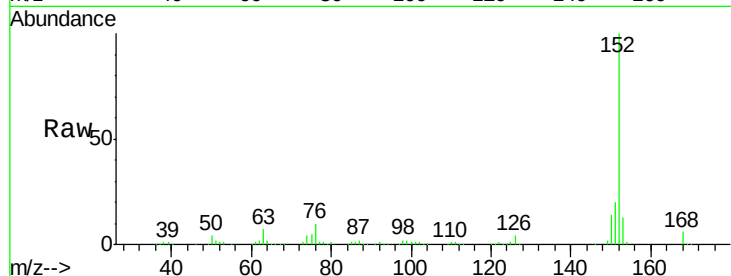




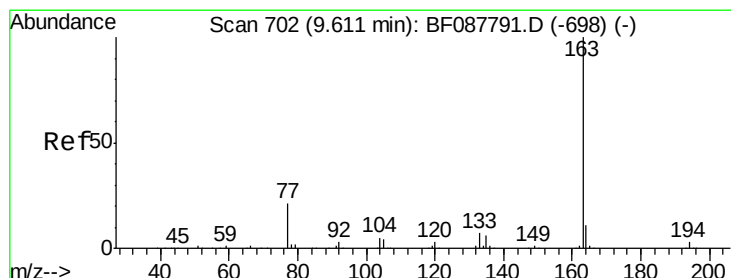
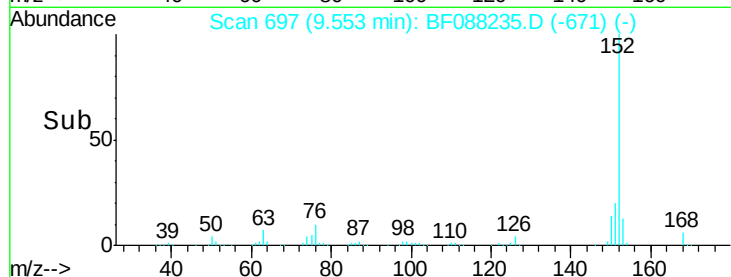
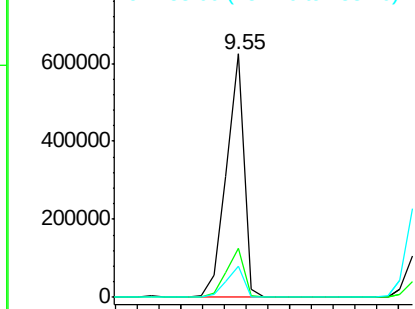
#48
Acenaphthylene
Concen: 40.64 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tgt Ion:	152	Resp:	696786
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	12.9	11.0	16.6

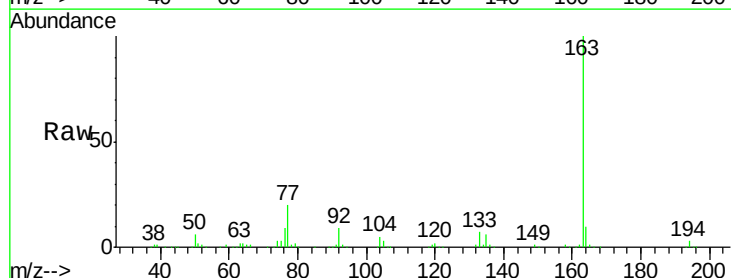


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

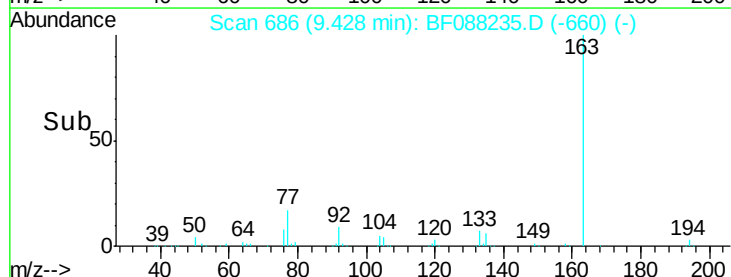
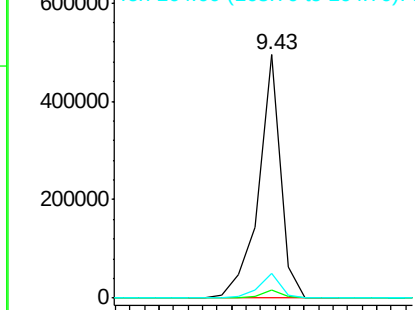


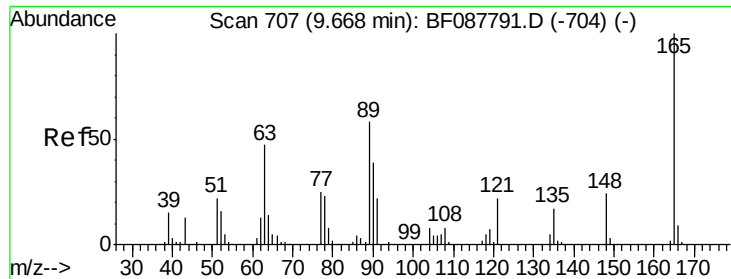
#49
Dimethylphthalate
Concen: 43.04 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion:	163	Resp:	519393
Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.3	12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

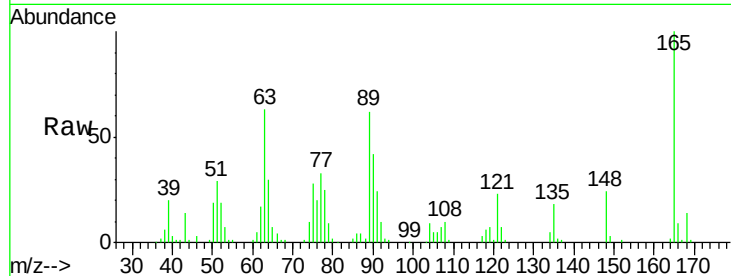




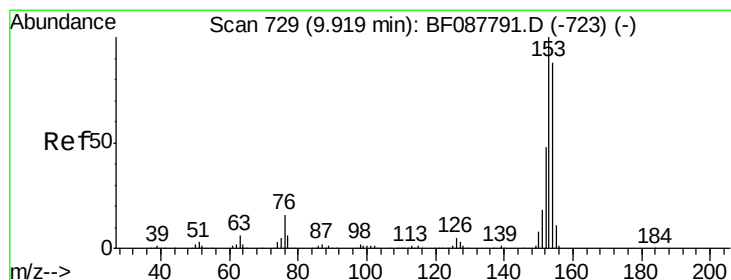
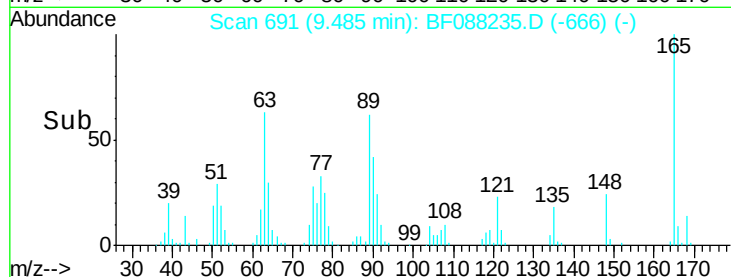
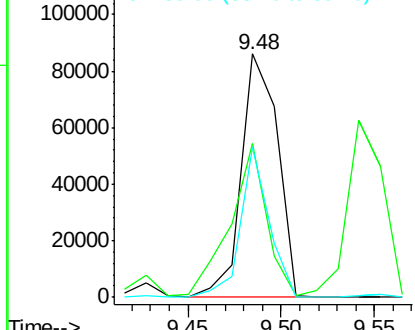
#50
 2,6-Dinitrotoluene
 Concen: 41.92 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tgt Ion:165 Resp: 115832
 Ion Ratio Lower Upper
 165 100
 63 63.3 28.1 42.1#
 89 61.6 32.2 48.2#

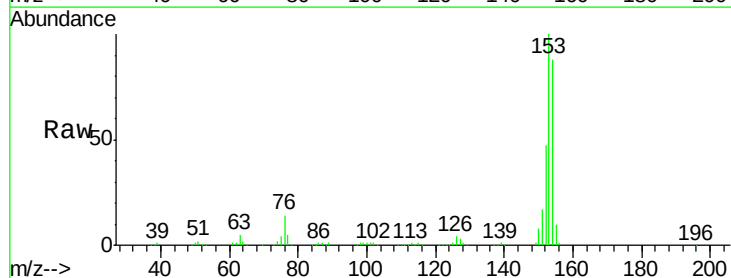


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

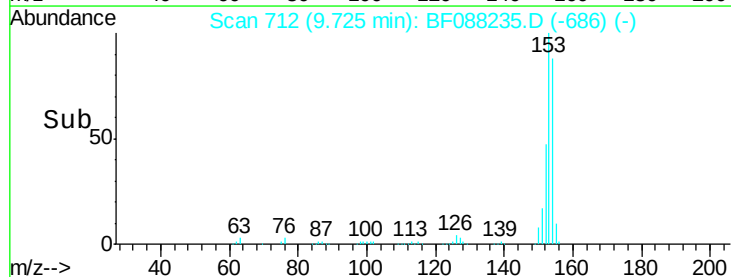
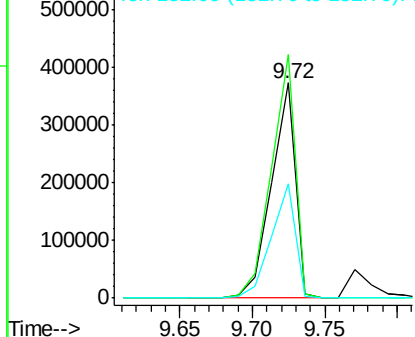


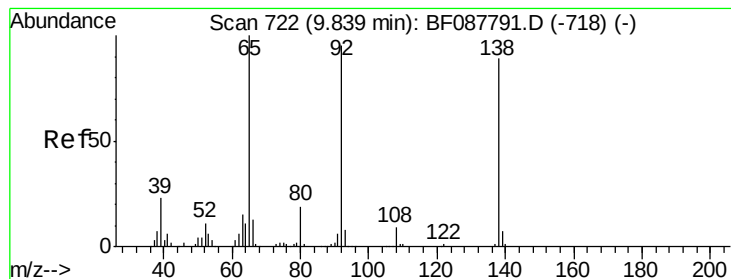
#51
 Acenaphthene
 Concen: 39.85 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion:154 Resp: 426271
 Ion Ratio Lower Upper
 154 100
 153 113.3 89.5 134.3
 152 53.2 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: 24.48 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

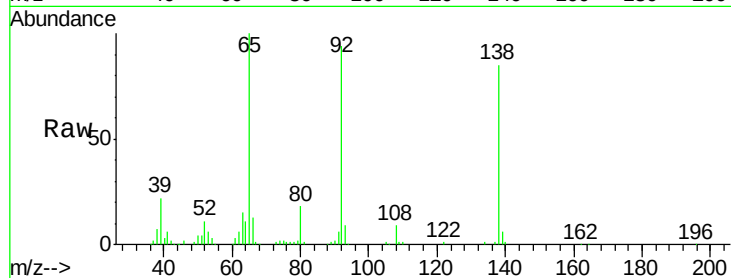
Tgt Ion:138 Resp: 78077

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

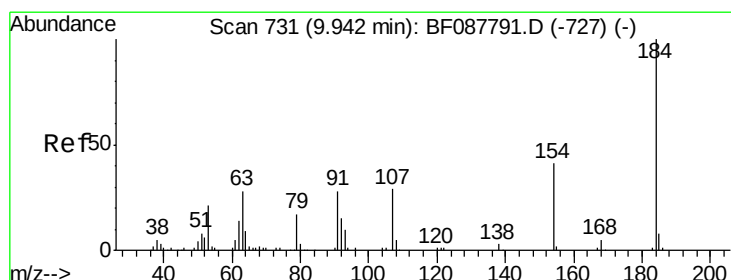
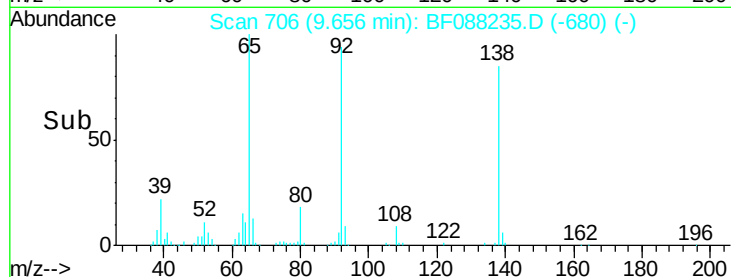
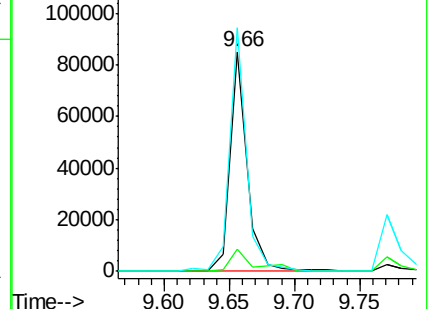
92 110.8 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 68.04 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

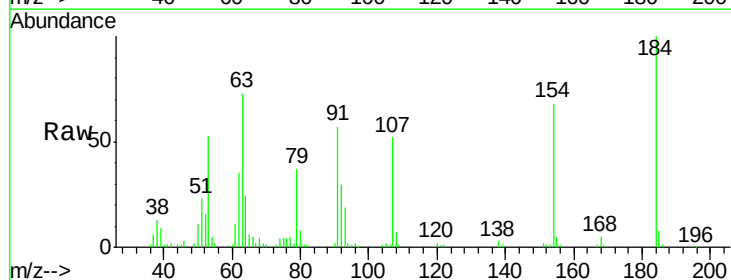
Tgt Ion:184 Resp: 98960

Ion Ratio Lower Upper

184 100

63 73.1 57.6 86.4

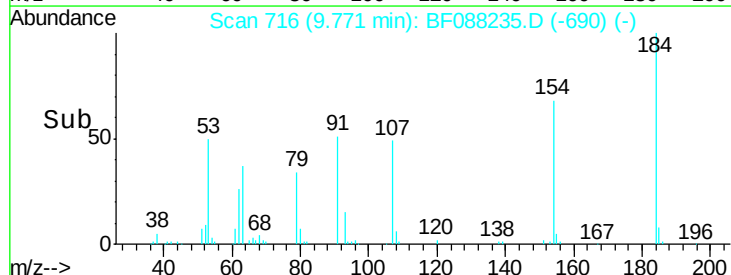
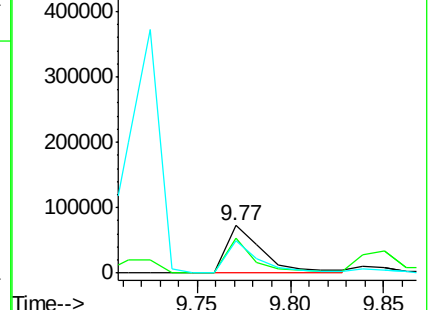
154 68.3 53.5 80.3

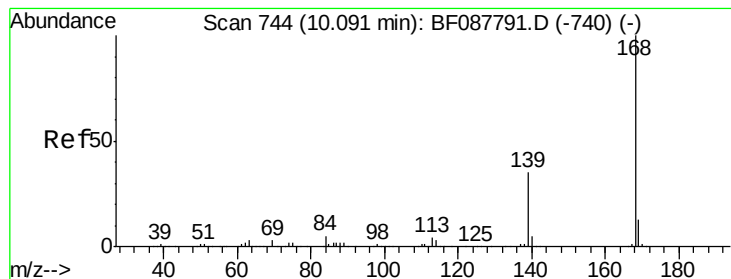


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 40.44 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

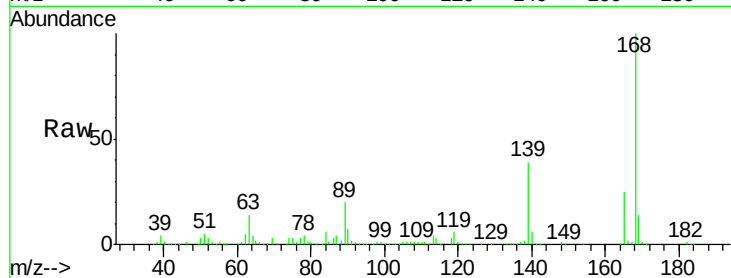
Tgt Ion:168 Resp: 595648

Ion Ratio Lower Upper

168 100

139 39.5 26.4 39.6

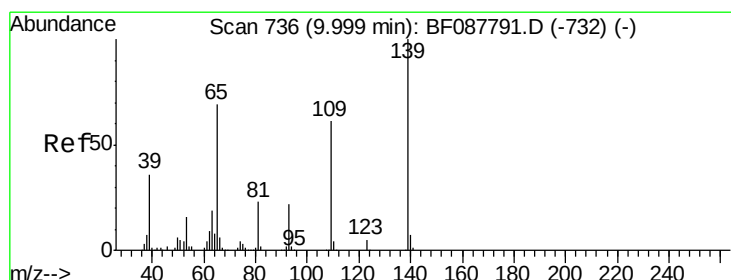
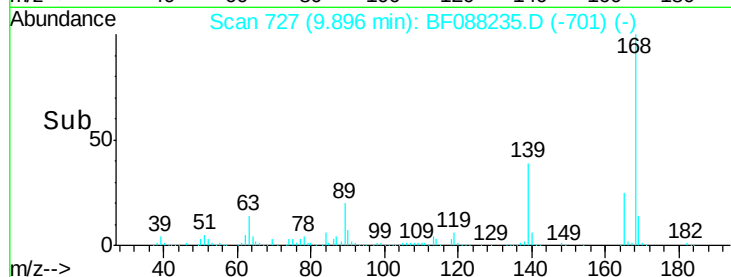
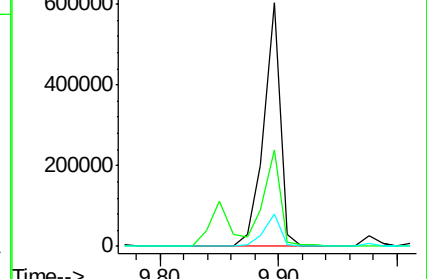
169 13.5 10.4 15.6



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: 56.91 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

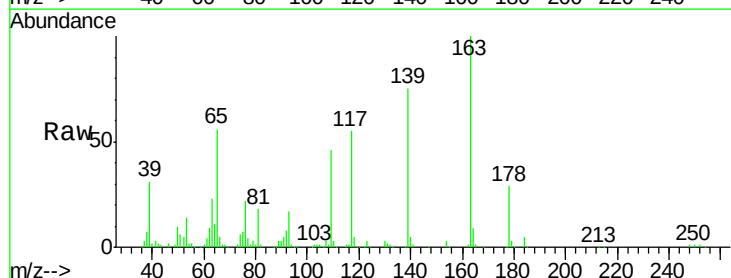
Tgt Ion:139 Resp: 140841

Ion Ratio Lower Upper

139 100

109 61.5 48.9 88.9

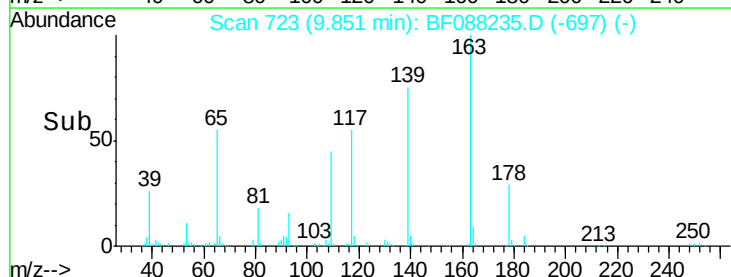
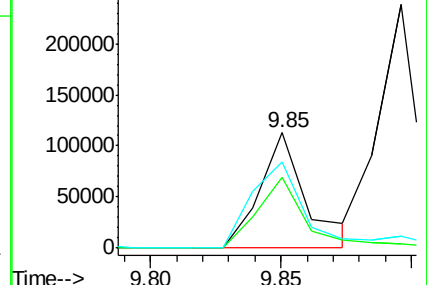
65 74.5 84.9 124.9#

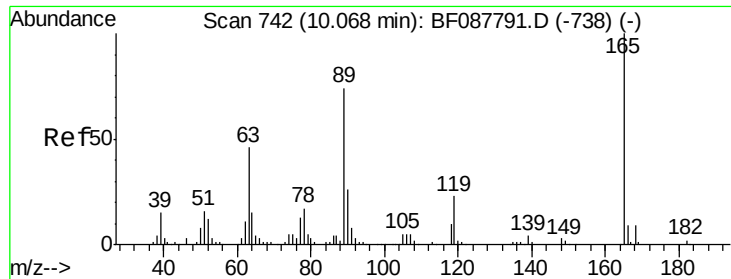


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 40.12 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

Tgt Ion:165 Resp: 142494

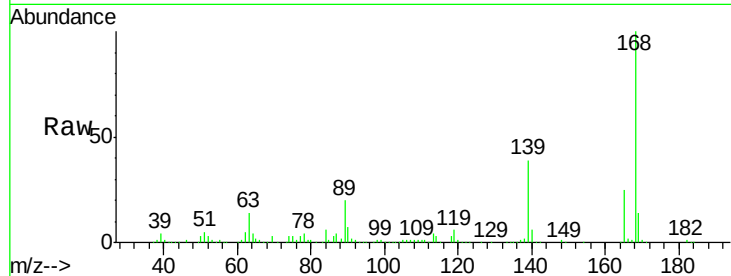
Ion Ratio Lower Upper

165 100

63 53.8 22.0 33.0#

89 79.9 41.1 61.7#

182 2.3 2.0 3.0

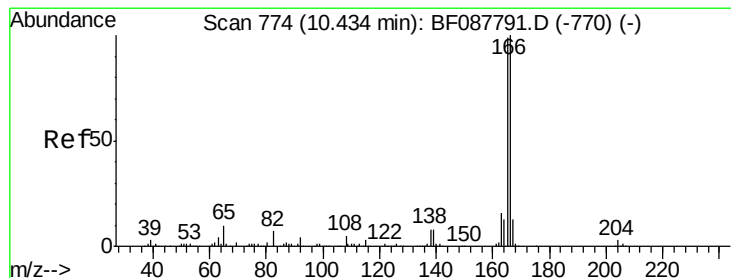
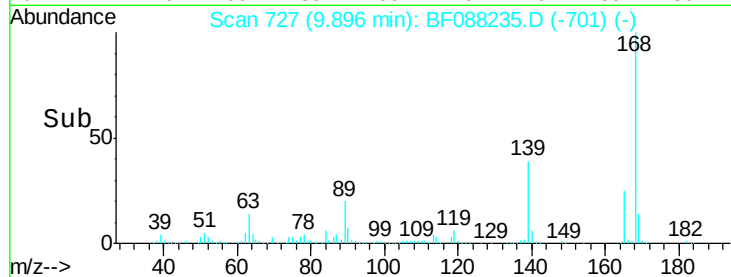
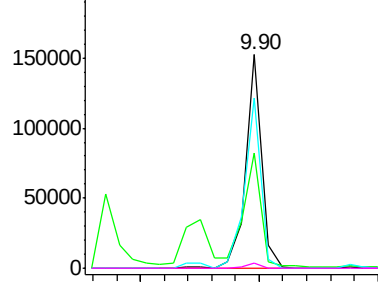


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 50.72 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

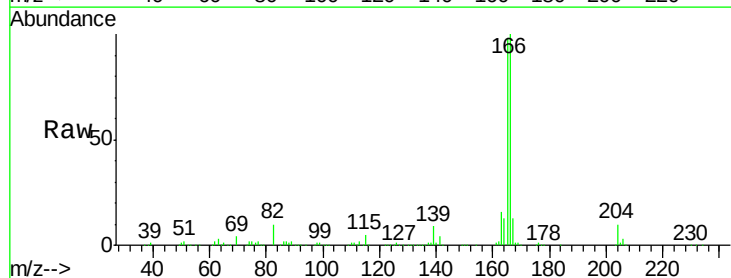
Tgt Ion:166 Resp: 498745

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

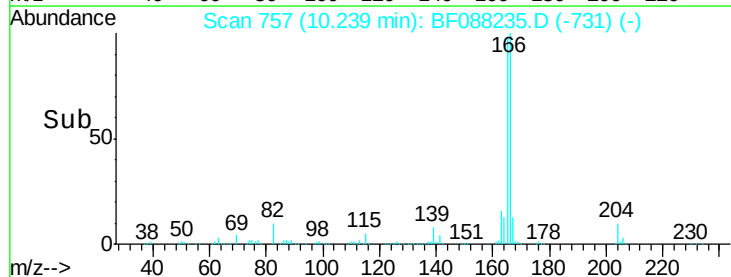
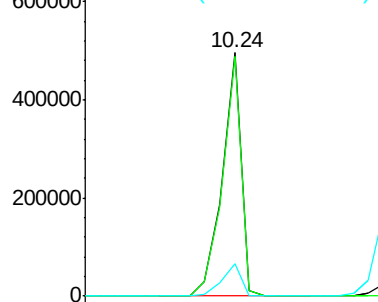
167 13.1 11.2 16.8

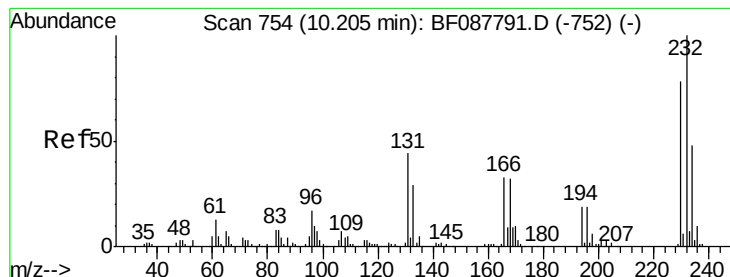


Abundance Ion 166.00 (165.70 to 166.70): E

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: 42.60 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

Tgt Ion:232 Resp: 116038

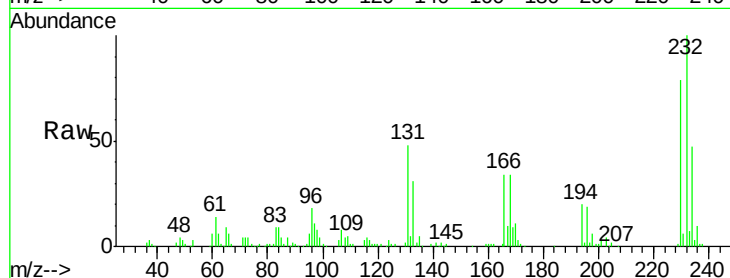
Ion Ratio Lower Upper

232 100

131 48.2 0.9 1.3#

130 2.2 1.5 2.3

166 31.4 0.5 0.7#

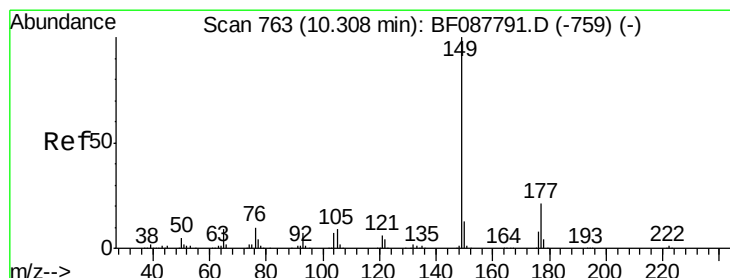
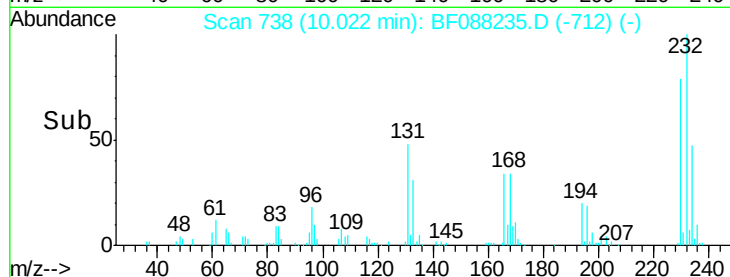
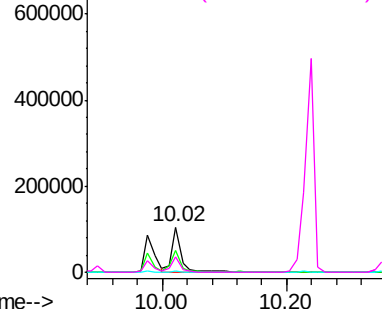


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 41.67 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

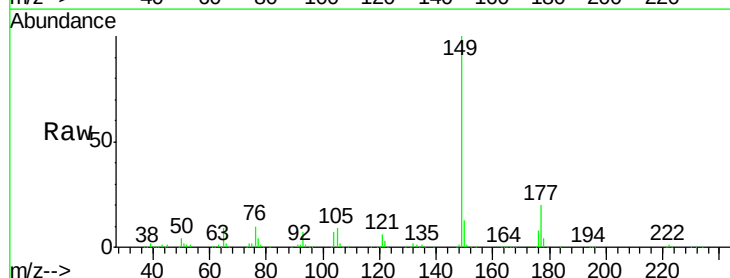
Tgt Ion:149 Resp: 508945

Ion Ratio Lower Upper

149 100

177 20.1 16.9 25.3

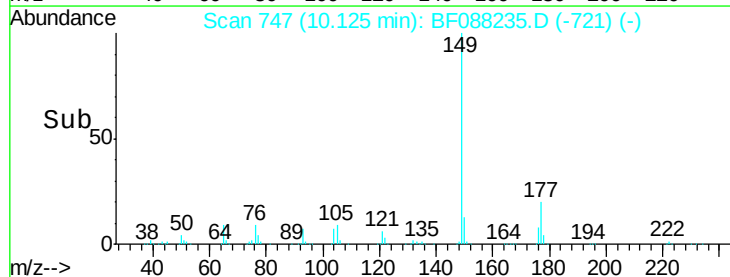
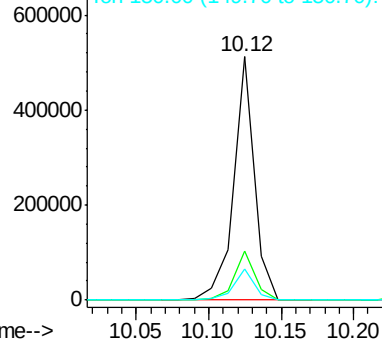
150 12.6 10.1 15.1

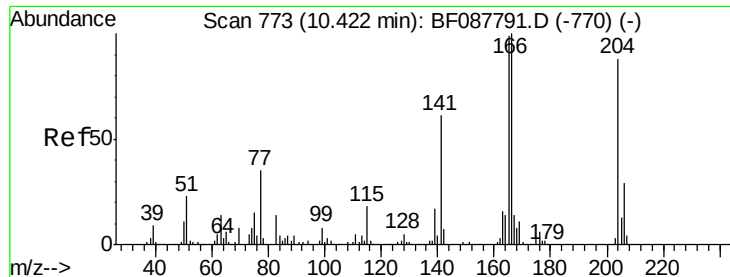


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

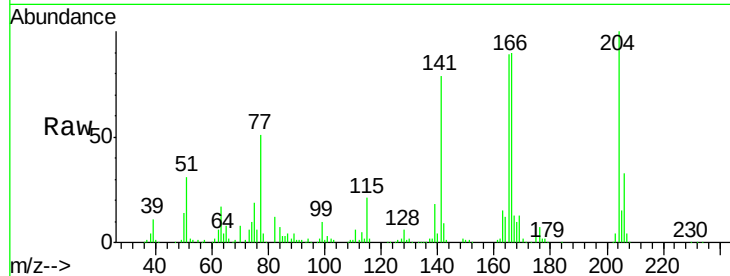




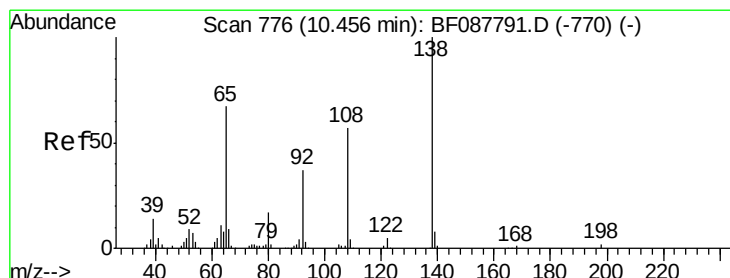
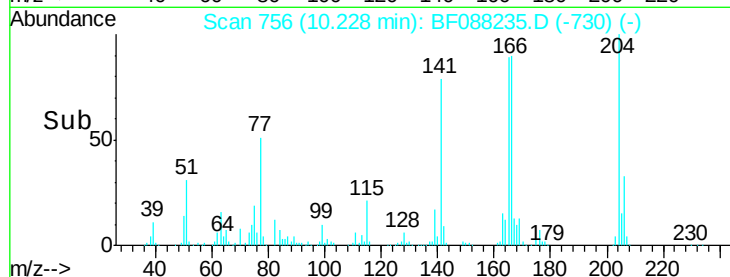
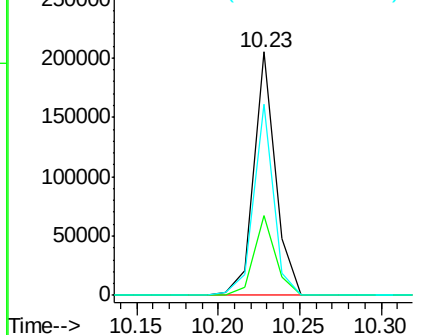
#60
 4-Chlorophenyl-phenylether
 Concen: 38.70 ng
 RT: 10.23 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tgt Ion:204 Resp: 189559
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.3 39.5
 141 78.8 55.0 82.6

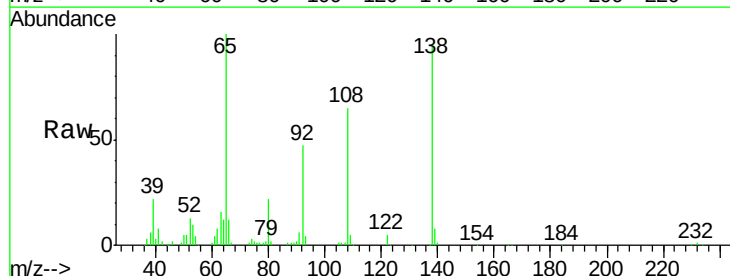


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

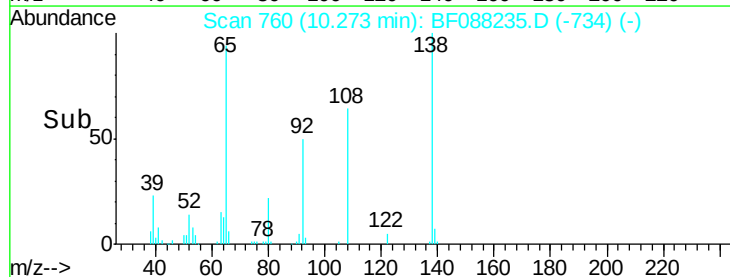
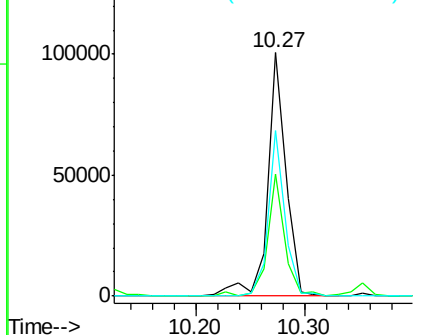


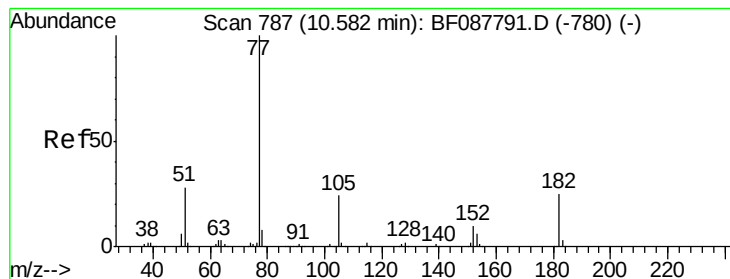
#61
 4-Nitroaniline
 Concen: 39.15 ng
 RT: 10.27 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion:138 Resp: 118407
 Ion Ratio Lower Upper
 138 100
 92 49.9 27.3 67.3
 108 68.2 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: 41.05 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

Tgt Ion: 77 Resp: 495816

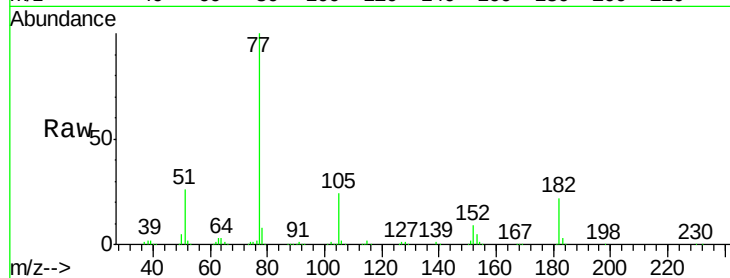
Ion Ratio Lower Upper

77 100

182 22.0 4.4 44.4

105 23.7 3.8 43.8

51 26.4 9.3 49.3

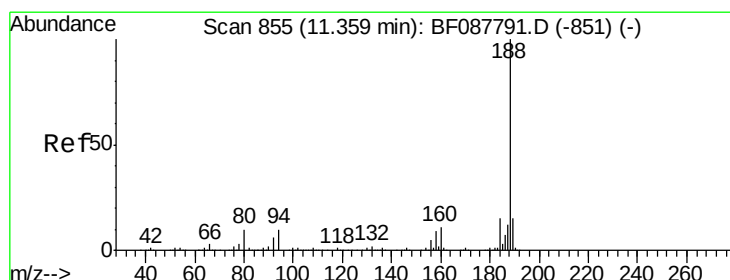
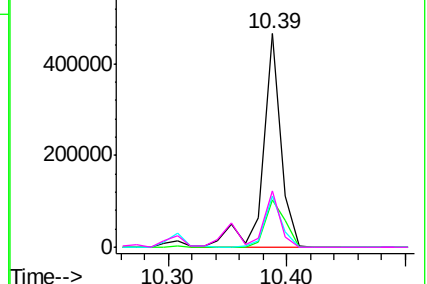
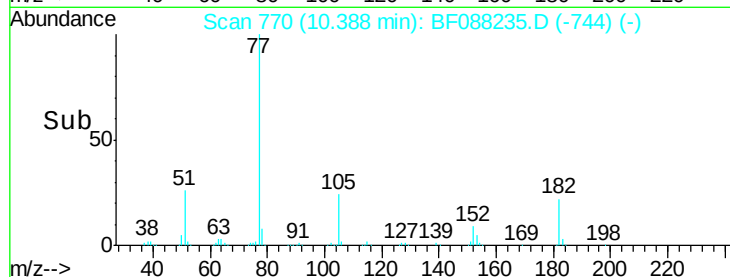


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.16 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

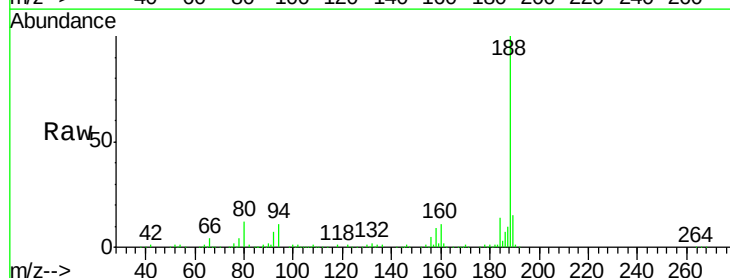
Tgt Ion: 188 Resp: 298487

Ion Ratio Lower Upper

188 100

94 11.4 9.0 13.6

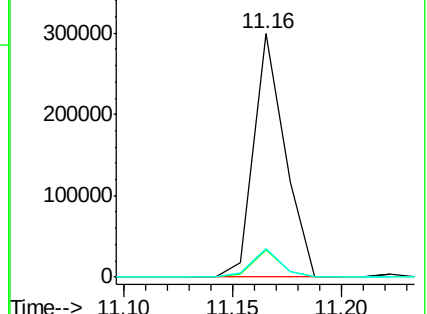
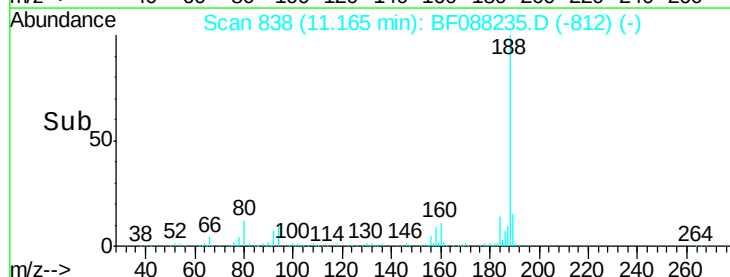
80 12.0 10.0 15.0

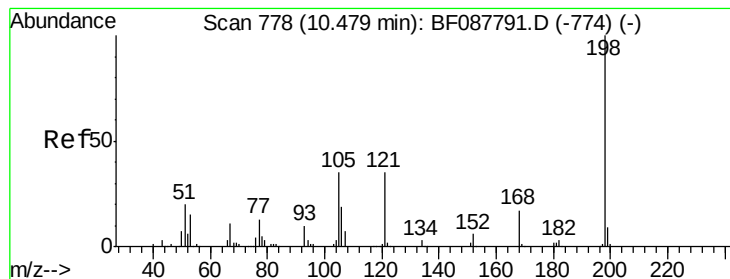


Abundance Ion 188.00 (187.70 to 188.70): E

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: 42.46 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

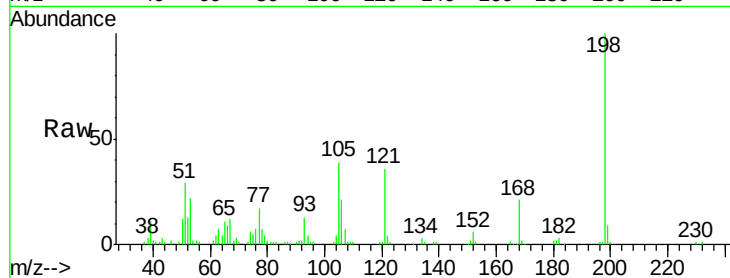
Tgt Ion:198 Resp: 78644

Ion Ratio Lower Upper

198 100

51 29.2 39.6 79.6#

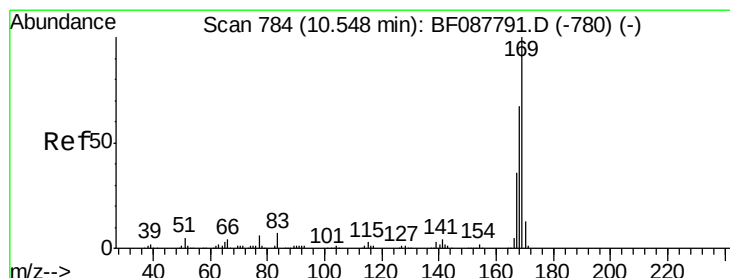
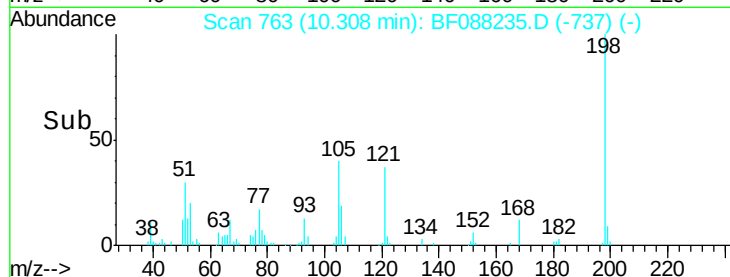
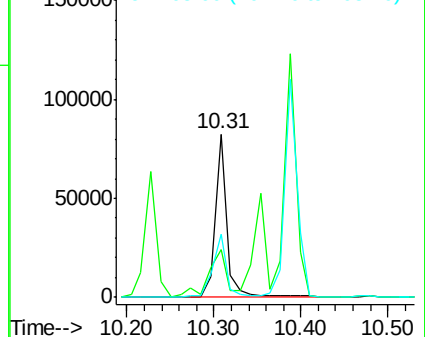
105 38.9 36.6 76.6



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: 43.32 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

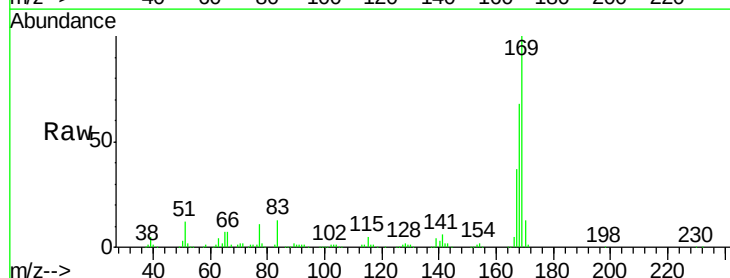
Tgt Ion:169 Resp: 429101

Ion Ratio Lower Upper

169 100

168 68.0 53.4 80.0

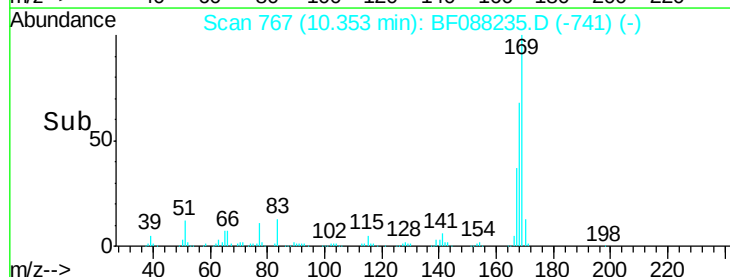
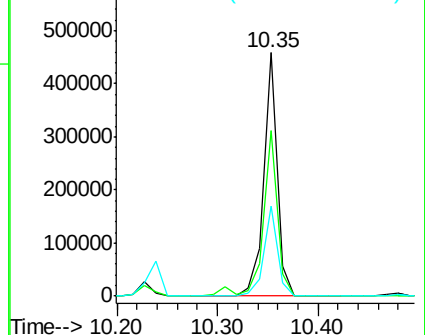
167 37.1 29.4 44.0

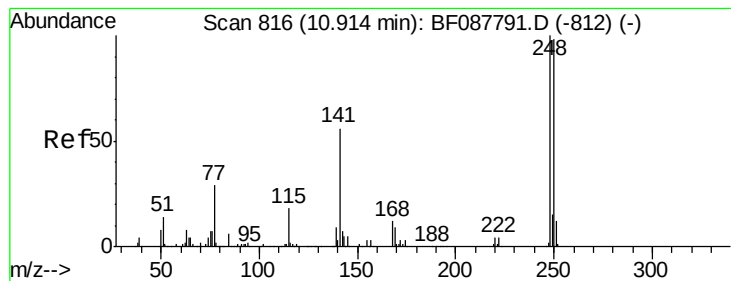


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

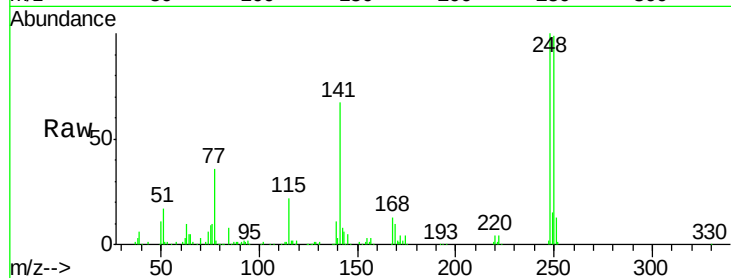




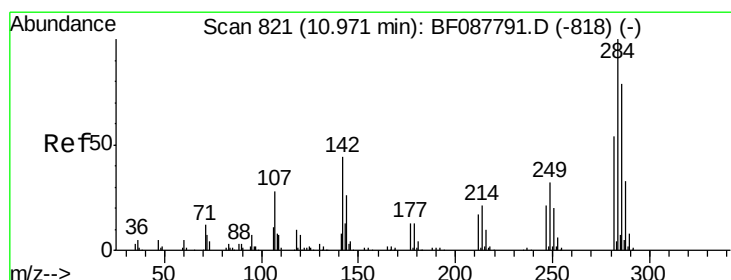
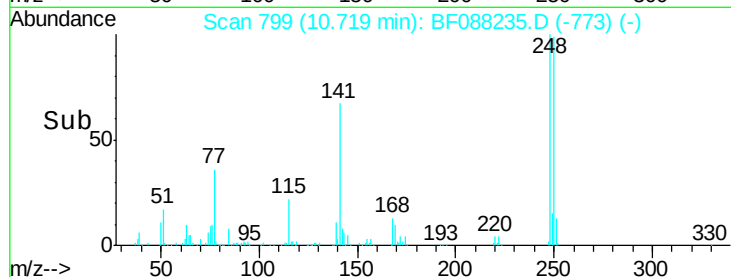
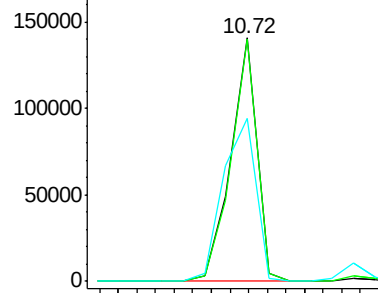
#66
 4-Bromophenyl-phenylether
 Concen: 42.24 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tgt Ion:248 Resp: 135274
 Ion Ratio Lower Upper
 248 100
 250 99.4 77.1 115.7
 141 66.8 50.6 76.0

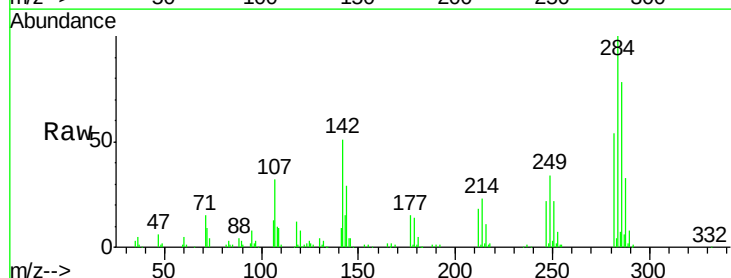


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

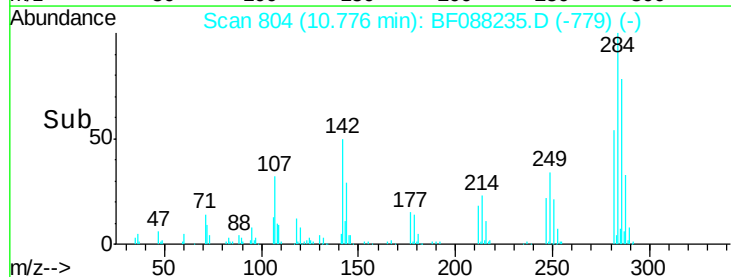
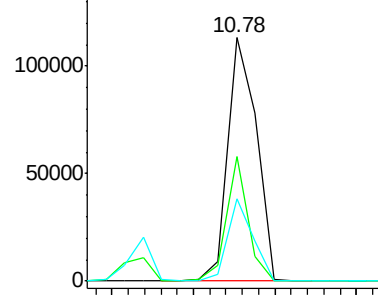


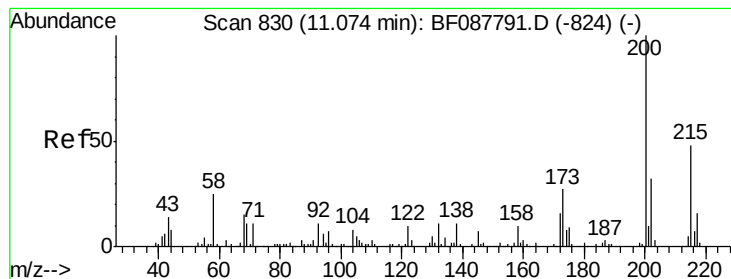
#67
 Hexachlorobenzene
 Concen: 41.68 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion:284 Resp: 138690
 Ion Ratio Lower Upper
 284 100
 142 51.1 35.8 53.8
 249 34.0 25.8 38.6



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





#68

Atrazine

Concen: 45.99 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

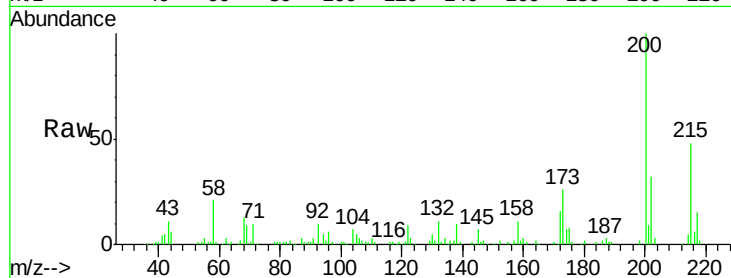
Tgt Ion:200 Resp: 137945

Ion Ratio Lower Upper

200 100

173 25.8 4.0 44.0

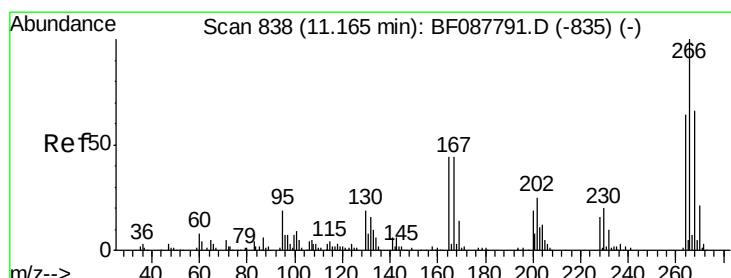
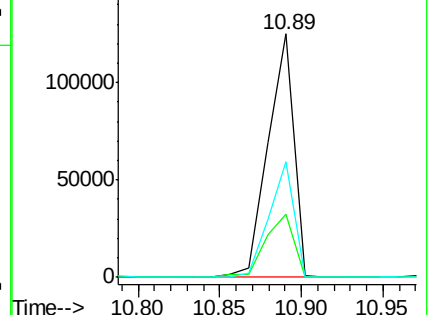
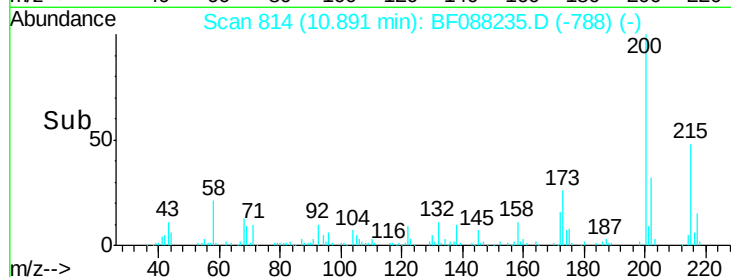
215 47.5 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 61.41 ng

RT: 10.98 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

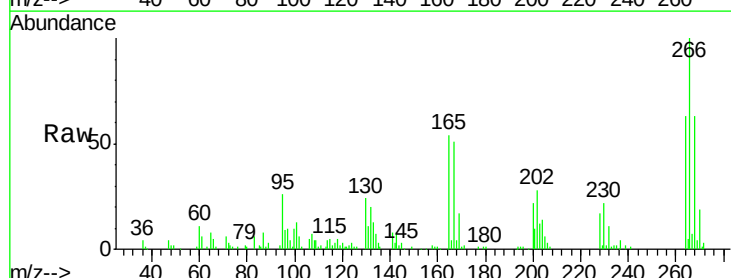
Tgt Ion:266 Resp: 107710

Ion Ratio Lower Upper

266 100

268 63.1 52.8 79.2

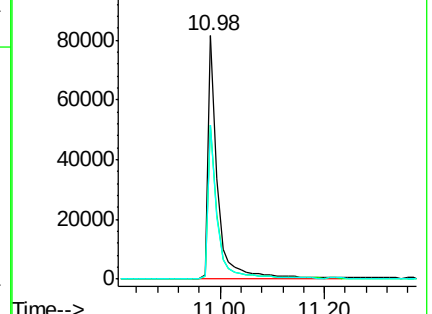
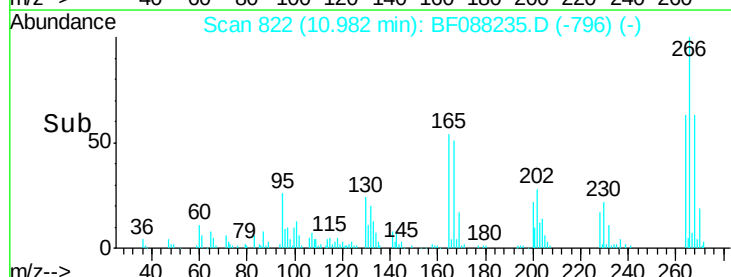
264 63.2 49.6 74.4

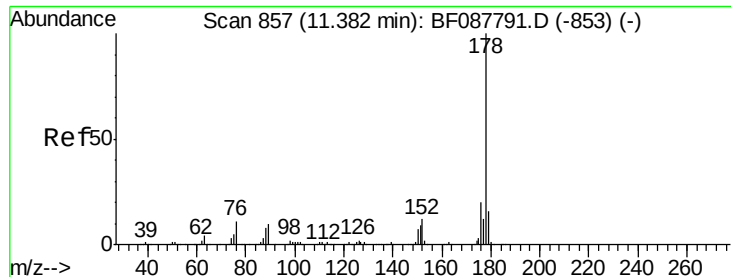


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

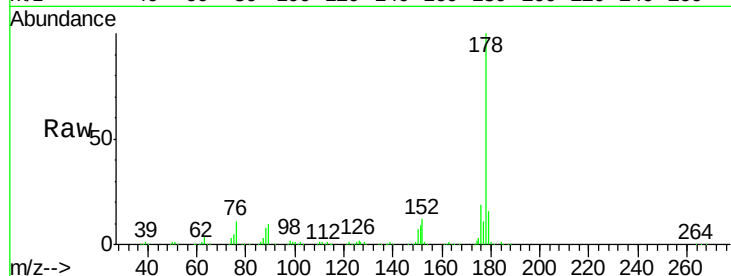




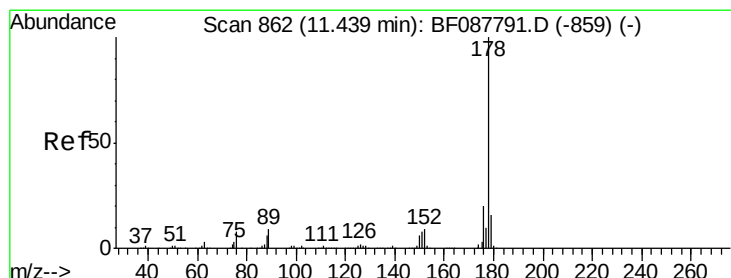
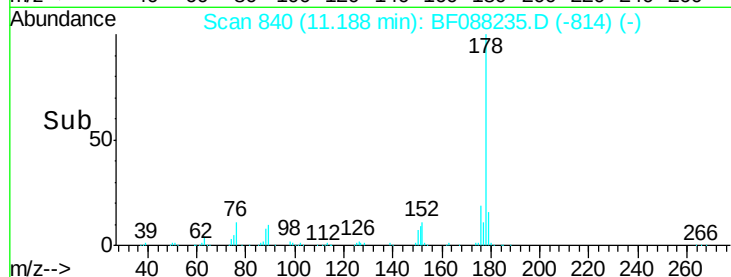
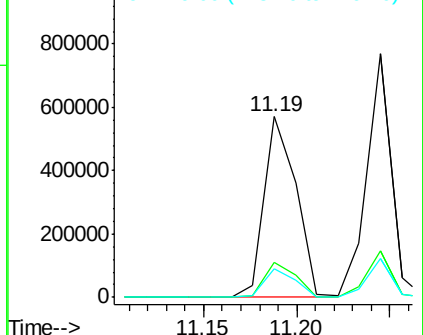
#70
Phenanthrene
Concen: 43.18 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tgt Ion:178 Resp: 676294
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.7 13.0 19.4

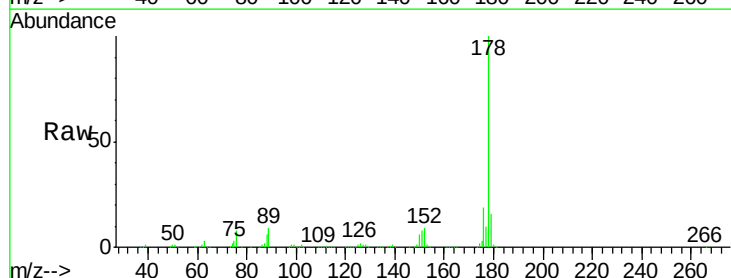


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

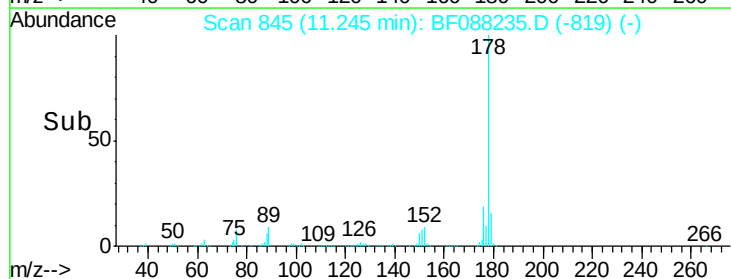
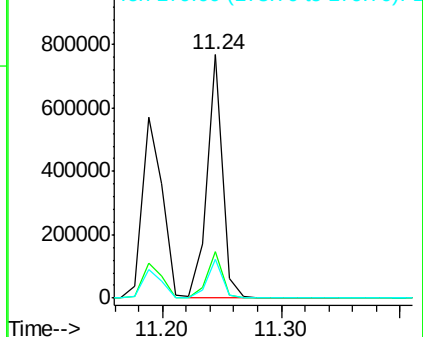


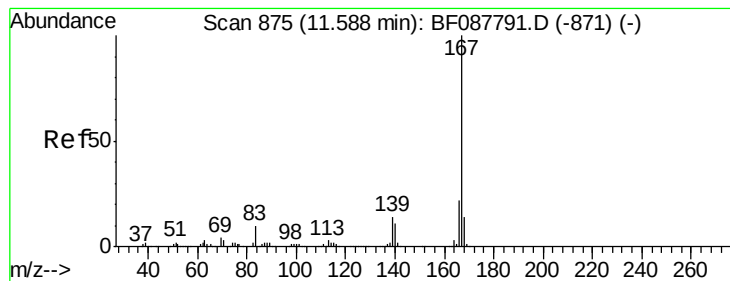
#71
Anthracene
Concen: 43.82 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion:178 Resp: 692357
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.8 12.8 19.2



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





#72

Carbazole

Concen: 45.49 ng

RT: 11.40 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

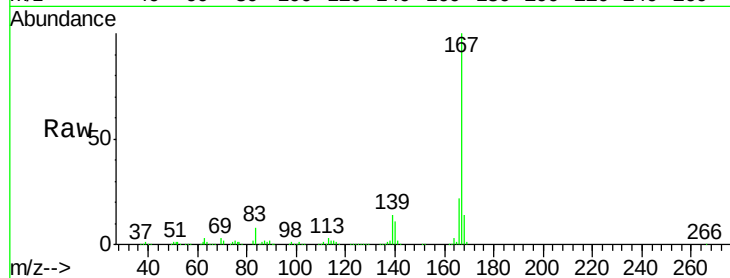
Tgt Ion:167 Resp: 672585

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

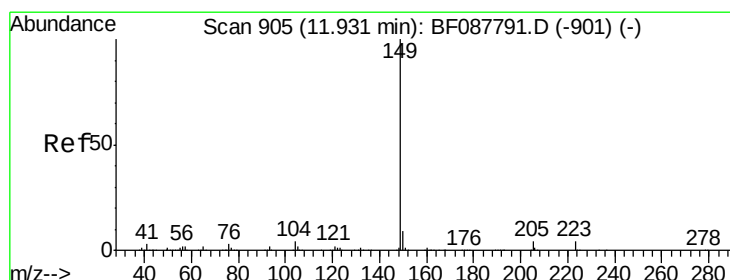
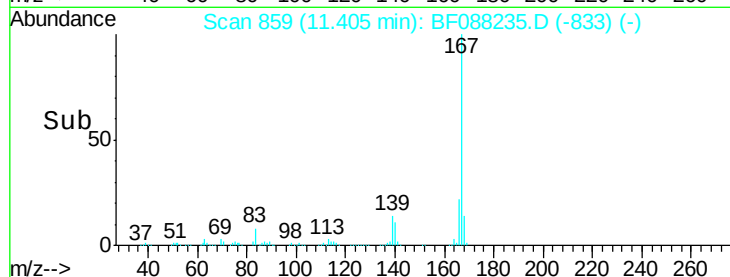
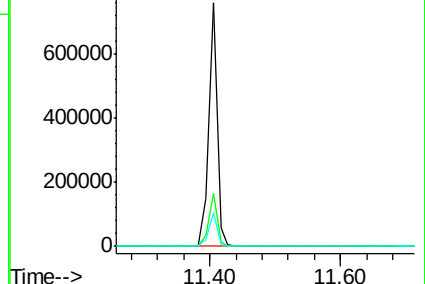
139 13.8 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.12 ng

RT: 11.74 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

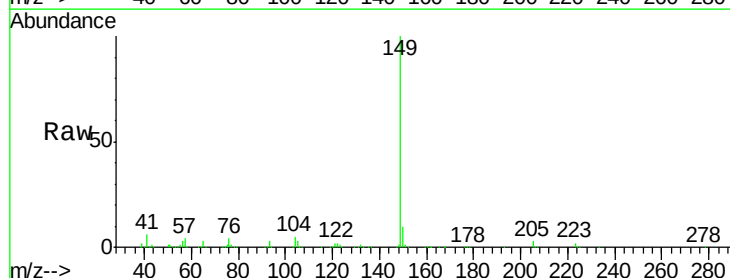
Tgt Ion:149 Resp: 769589

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

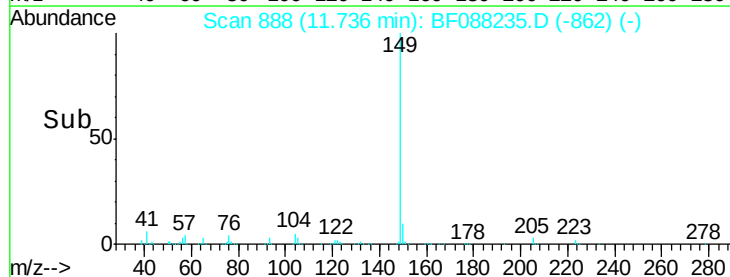
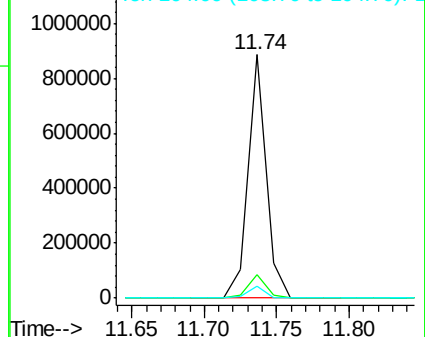
104 4.8 4.0 6.0

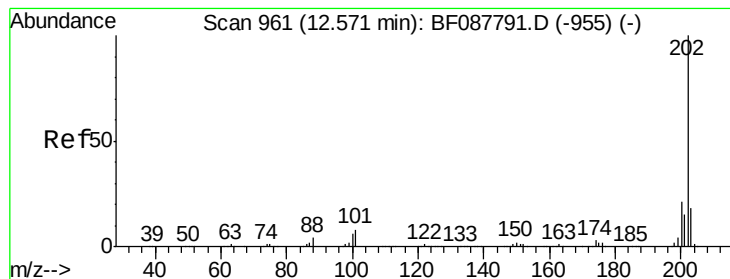


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.57 ng

RT: 12.38 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

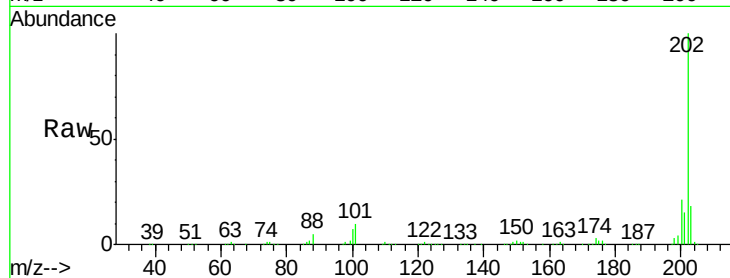
Tgt Ion: 202 Resp: 720219

Ion Ratio Lower Upper

202 100

101 9.9 0.0 33.1

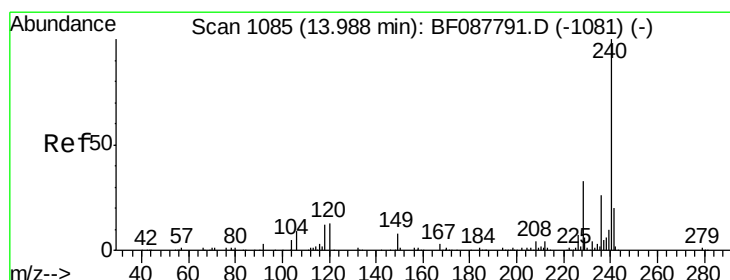
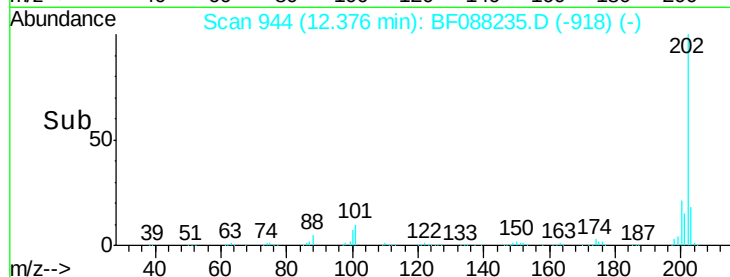
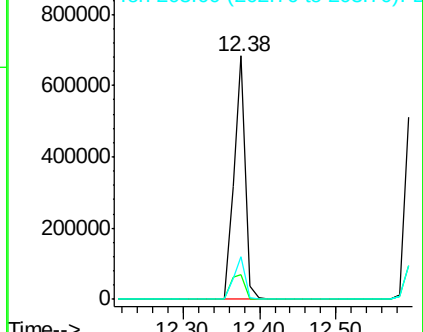
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

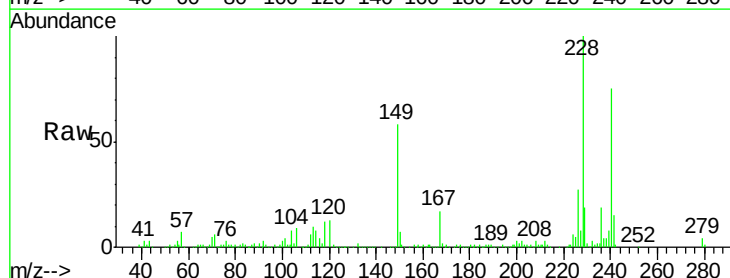
Tgt Ion: 240 Resp: 206791

Ion Ratio Lower Upper

240 100

120 17.0 6.8 10.2#

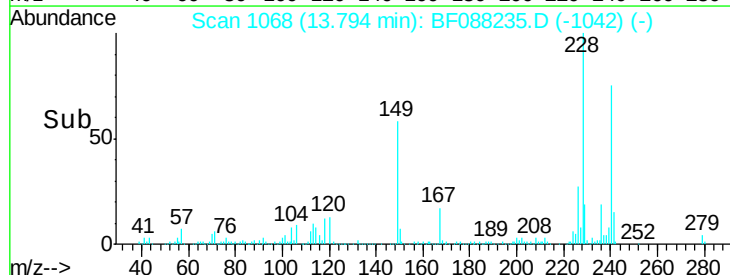
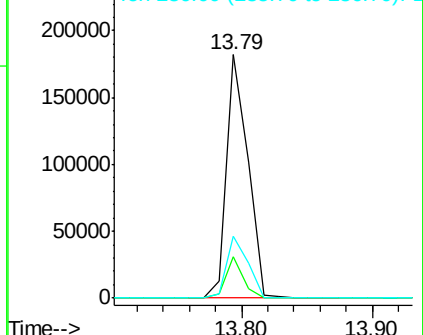
236 25.6 20.2 30.2

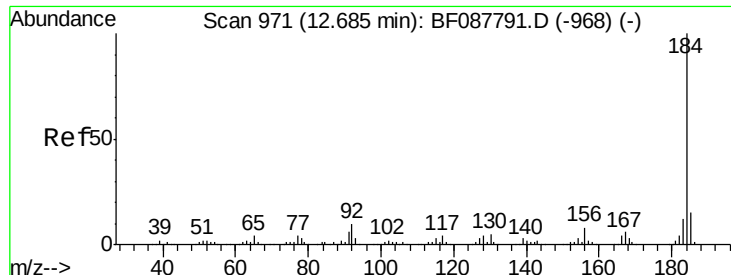


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

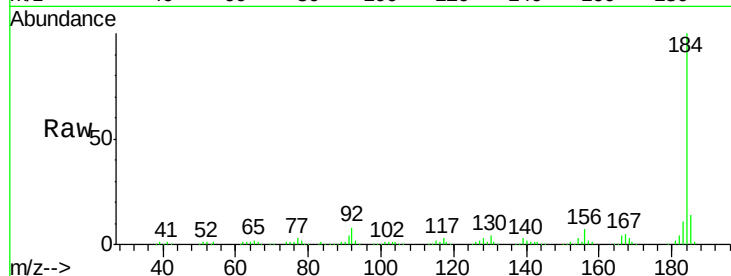




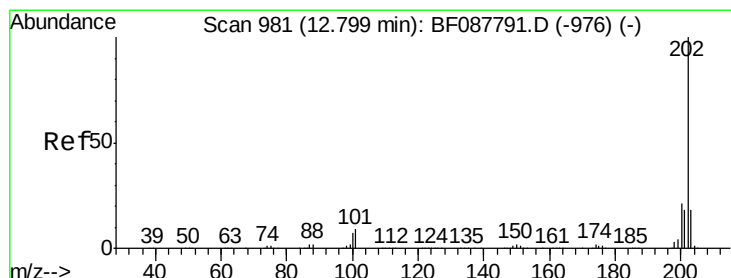
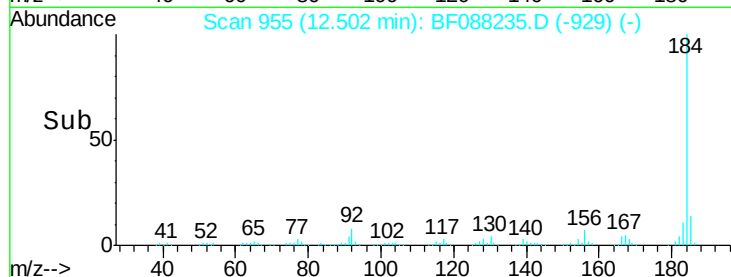
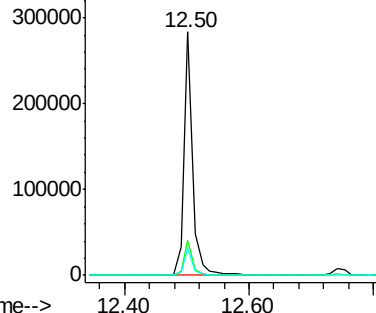
#76
Benzidine
Concen: 47.42 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tgt Ion:184 Resp: 271536
Ion Ratio Lower Upper
184 100
185 14.2 12.5 18.7
183 11.5 9.3 13.9

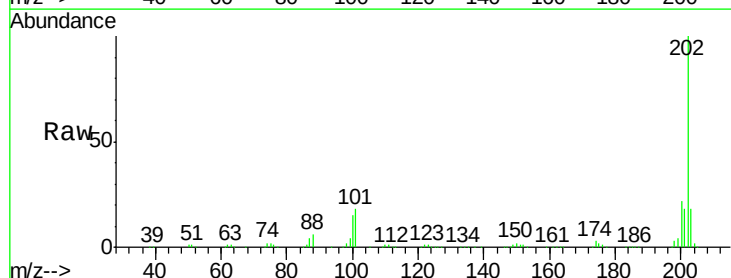


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

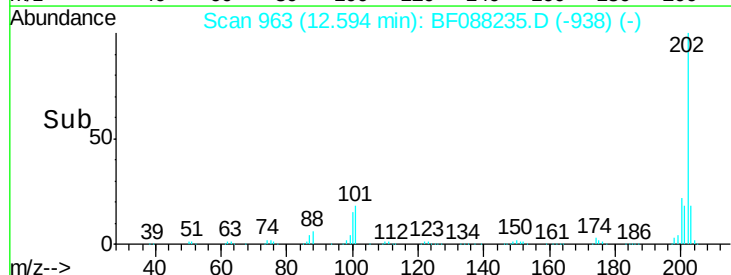
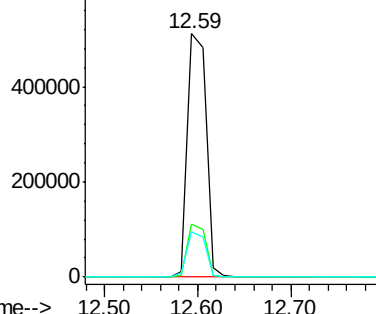


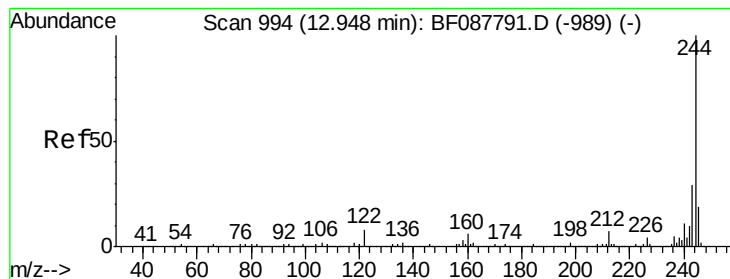
#77
Pyrene
Concen: 46.20 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion:202 Resp: 708943
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 18.4 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: 86.80 ng

RT: 12.75 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

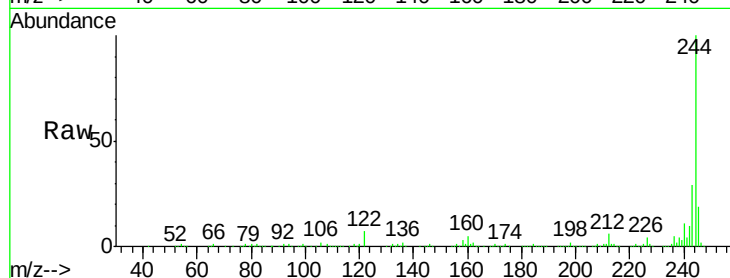
Tgt Ion:244 Resp: 788779

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

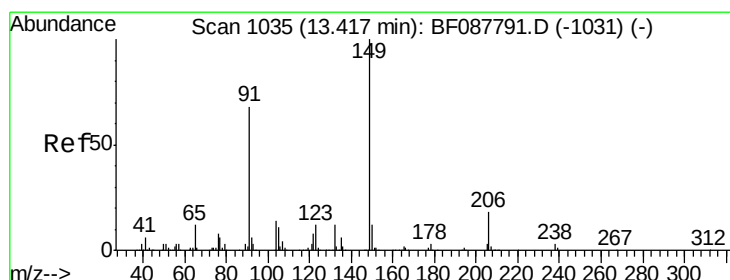
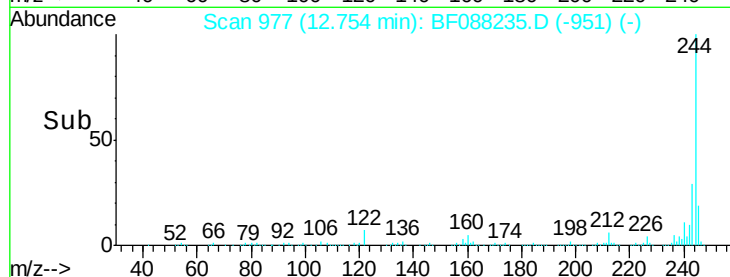
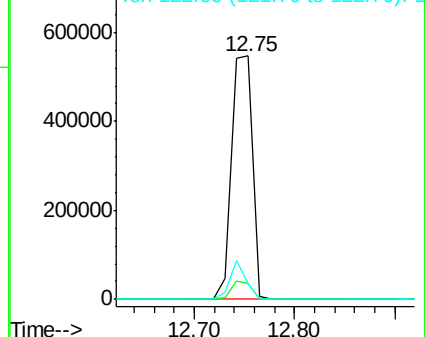
122 6.7 11.2 16.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.11 ng

RT: 13.22 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

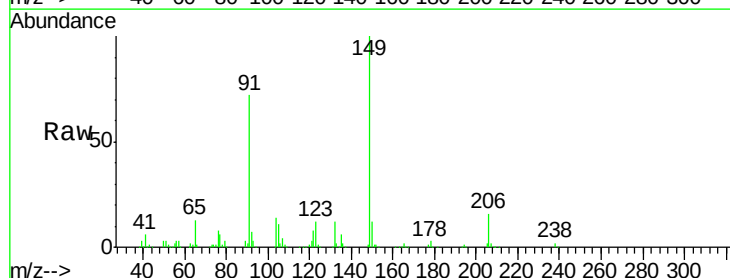
Tgt Ion:149 Resp: 326380

Ion Ratio Lower Upper

149 100

91 72.0 48.0 72.0

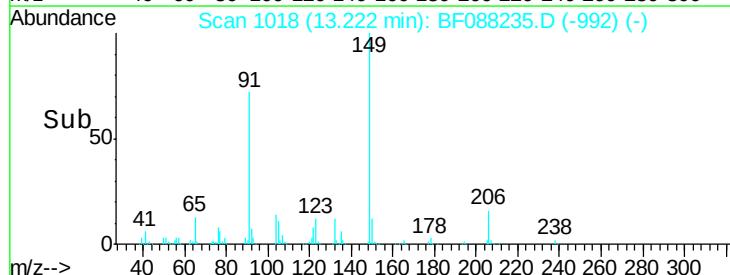
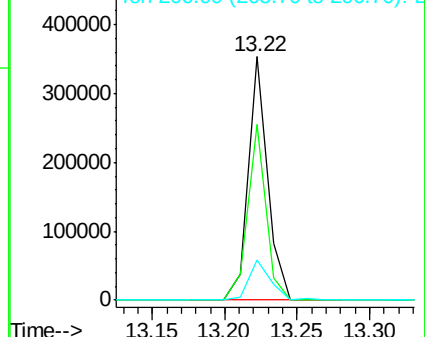
206 16.3 16.0 24.0

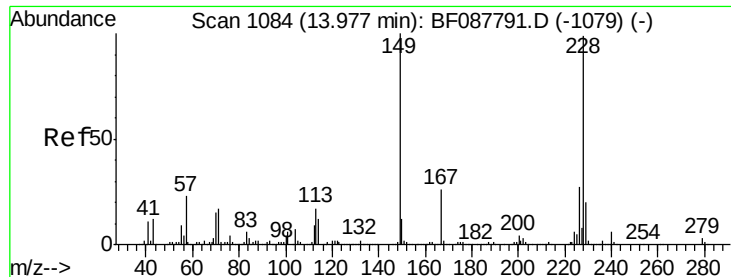


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 43.20 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

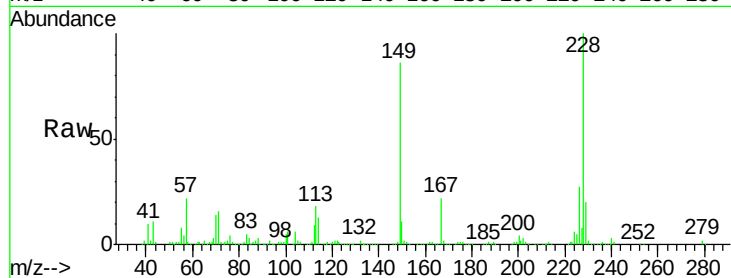
Tgt Ion:228 Resp: 509074

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

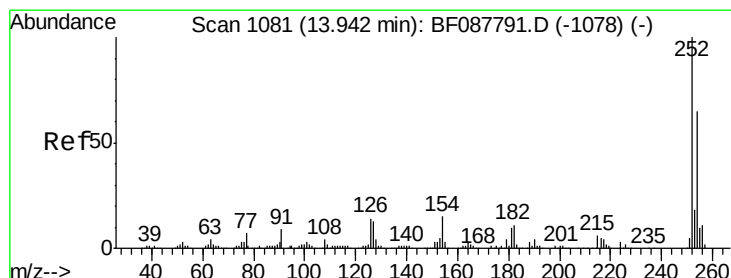
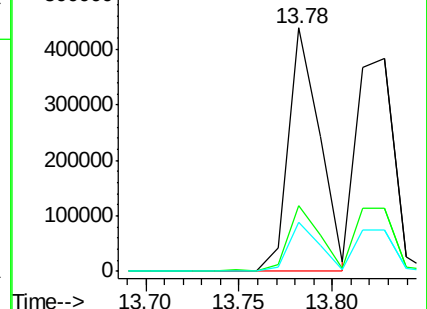
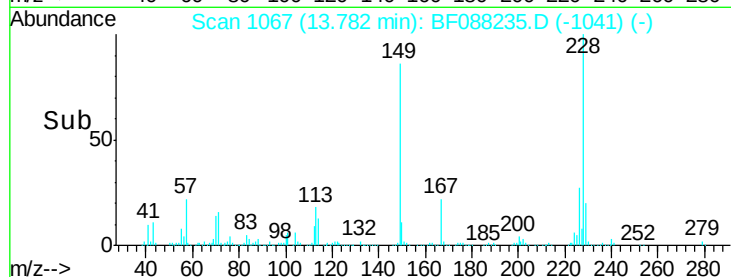
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 34.96 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

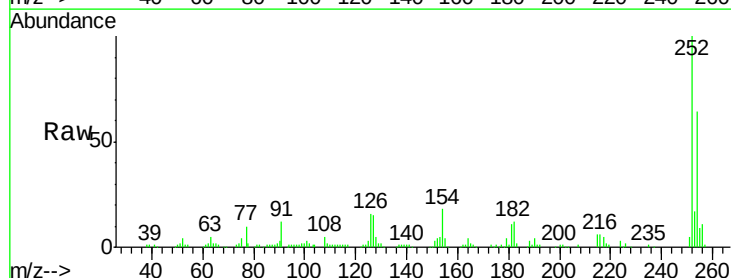
Tgt Ion:252 Resp: 110777

Ion Ratio Lower Upper

252 100

254 64.1 52.6 78.8

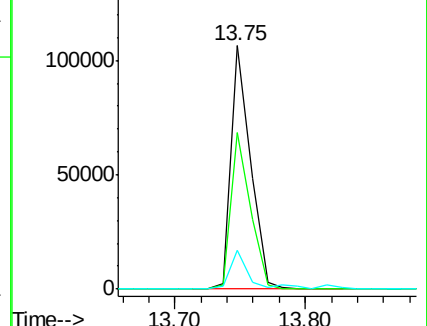
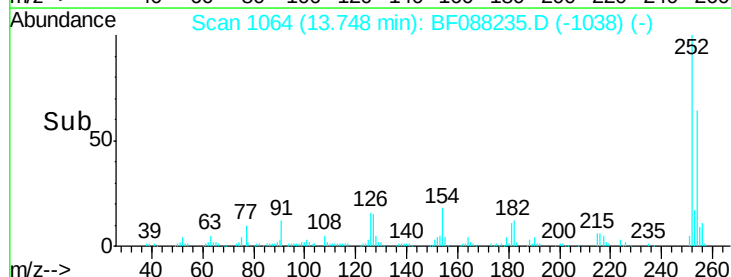
126 16.0 6.2 9.2#

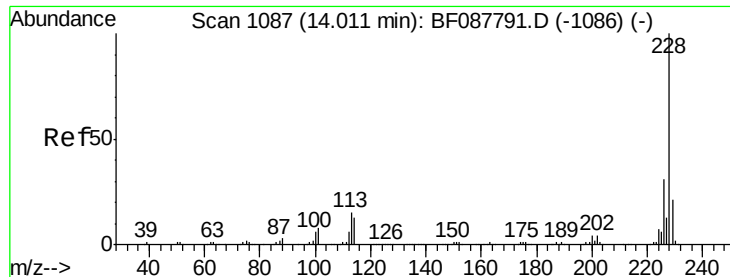


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 49.08 ng

RT: 13.83 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

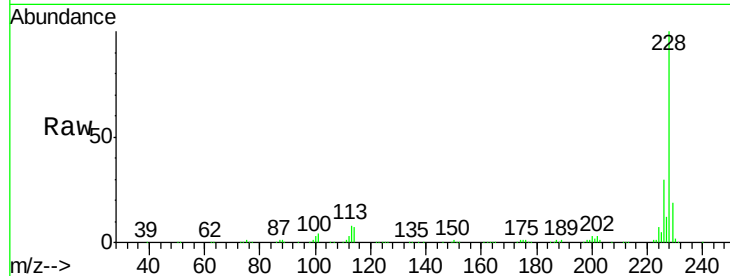
Tgt Ion: 228 Resp: 544116

Ion Ratio Lower Upper

228 100

226 29.8 25.4 38.2

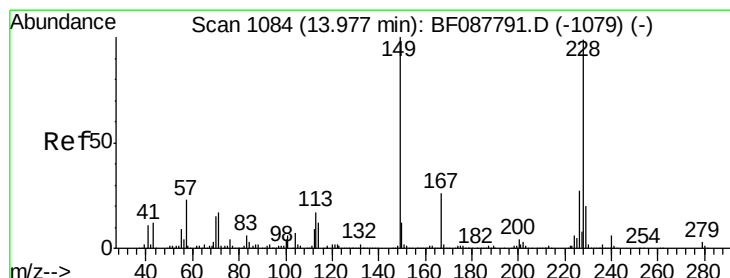
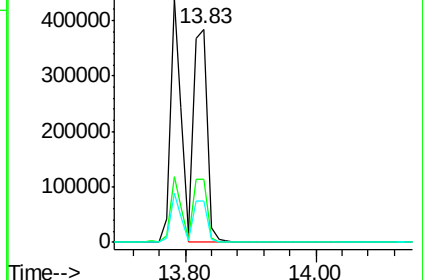
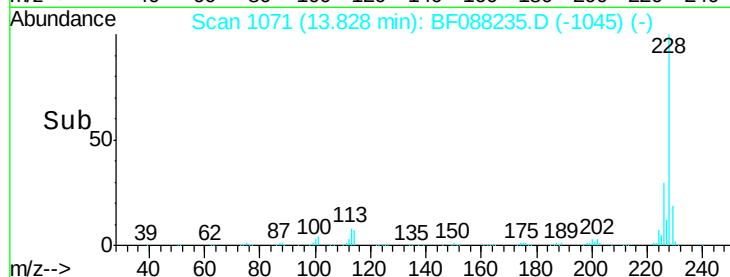
229 19.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.67 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

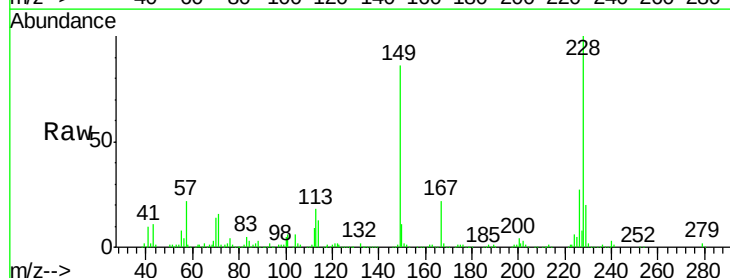
Tgt Ion: 149 Resp: 385446

Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

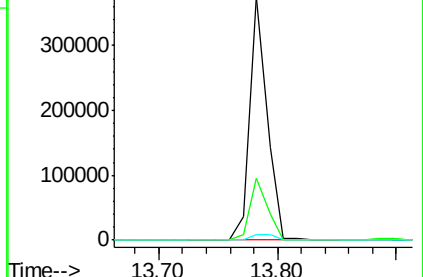
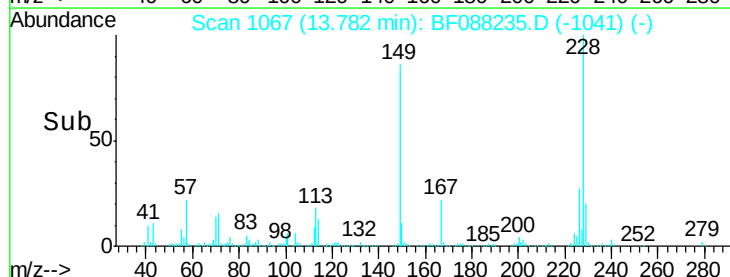
279 2.4 2.0 3.0

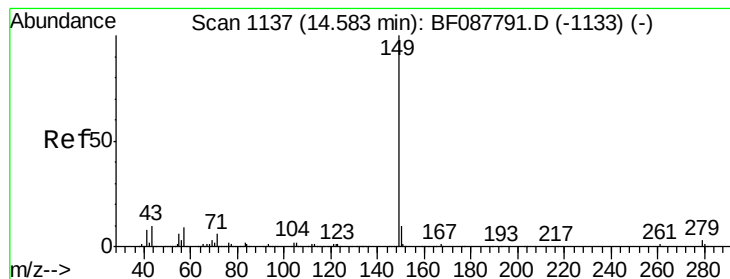


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.33 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

PB91389BS

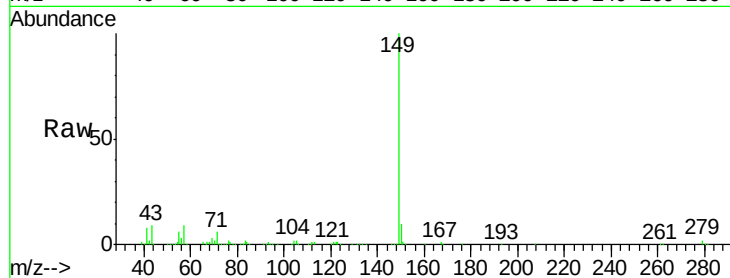
Tgt Ion:149 Resp: 702230

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

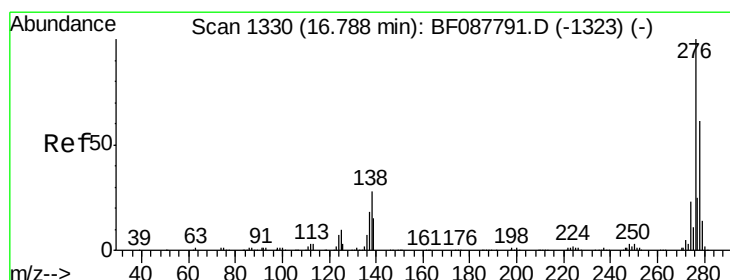
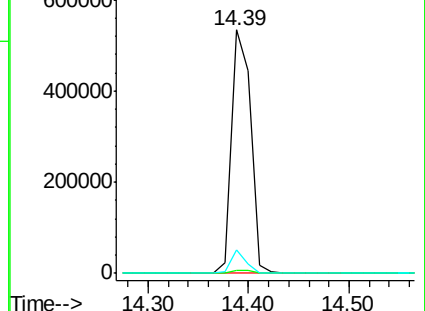
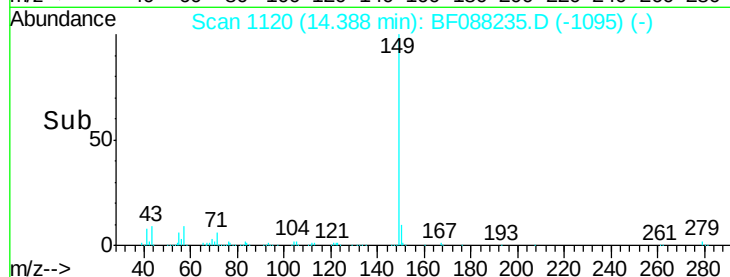
43 7.4 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.56 ng

RT: 16.45 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

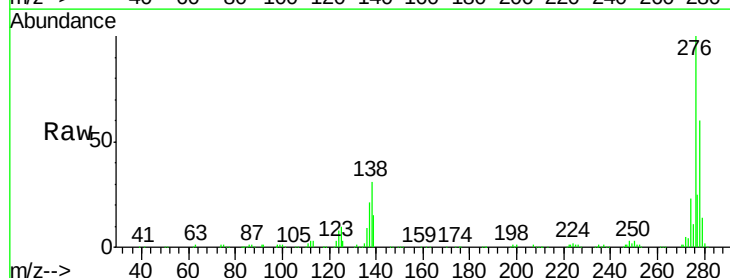
Tgt Ion:276 Resp: 469322

Ion Ratio Lower Upper

276 100

138 30.9 0.0 0.0#

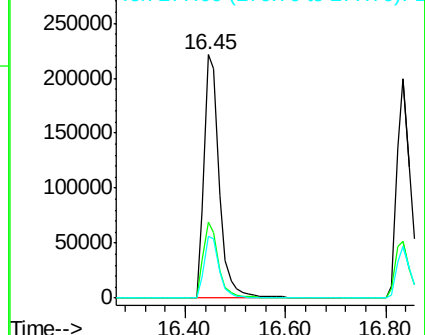
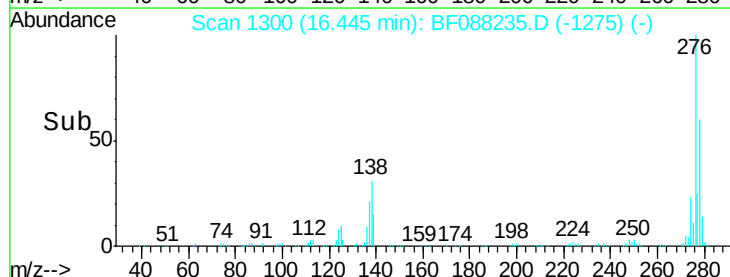
277 25.1 0.0 0.0#

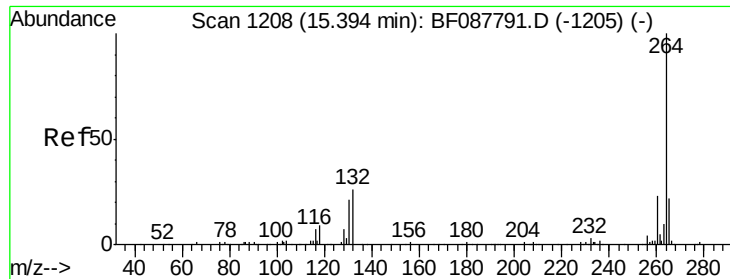


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

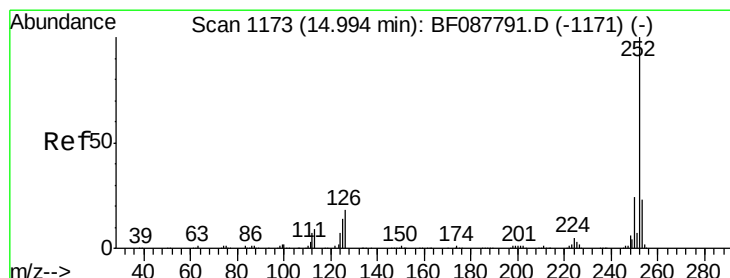
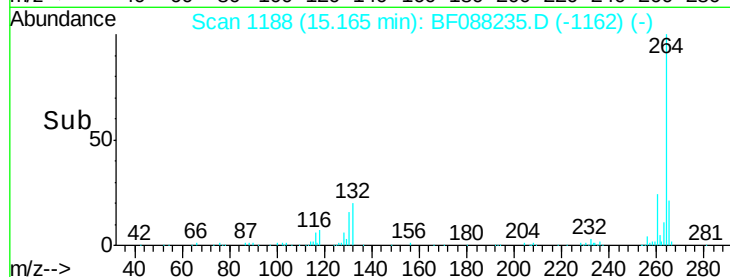
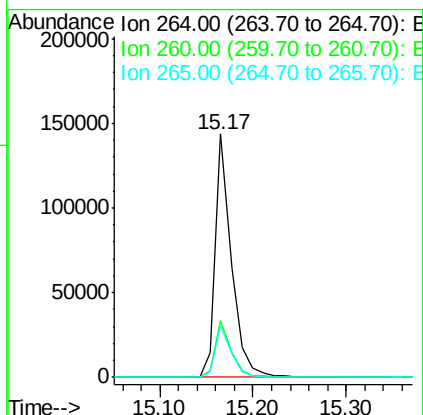
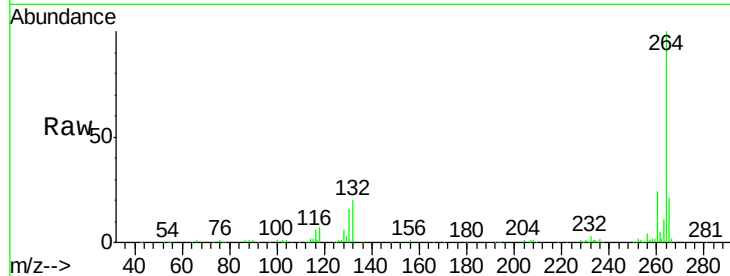




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

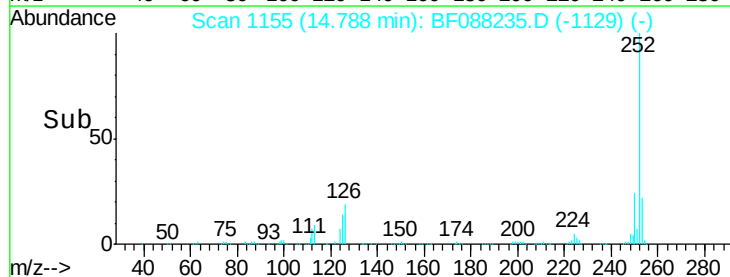
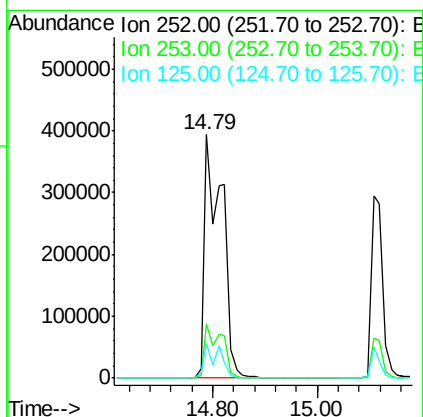
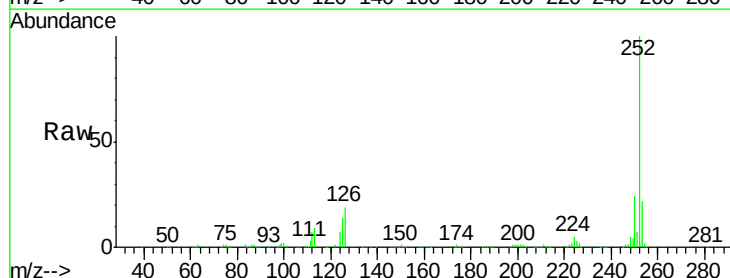
Instrument :
BNA_F
ClientSampleId :
PB91389BS

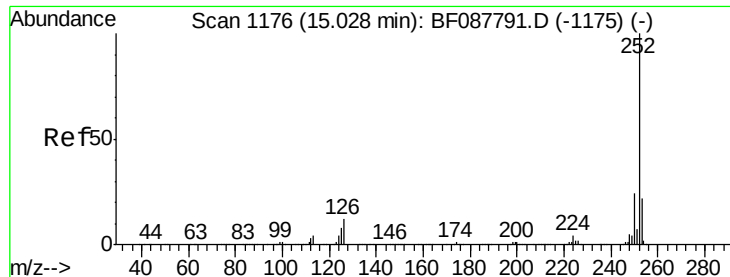
Tgt Ion: 264 Resp: 173055
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.4 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 77.60 ng
RT: 14.79 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion: 252 Resp: 935996
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 14.3 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 102.90 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

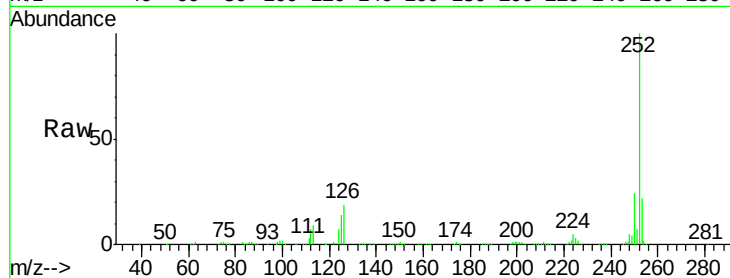
Instrument :

BNA_F

ClientSampleId :

PB91389BS

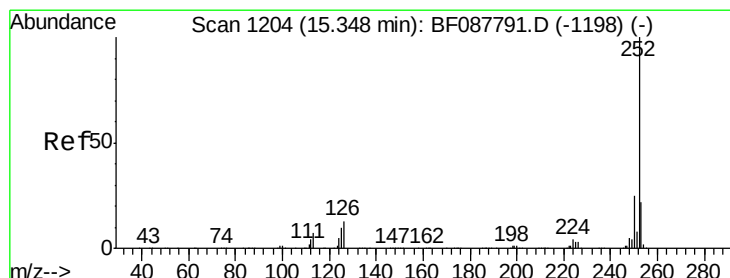
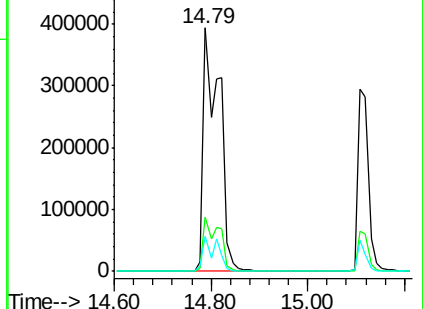
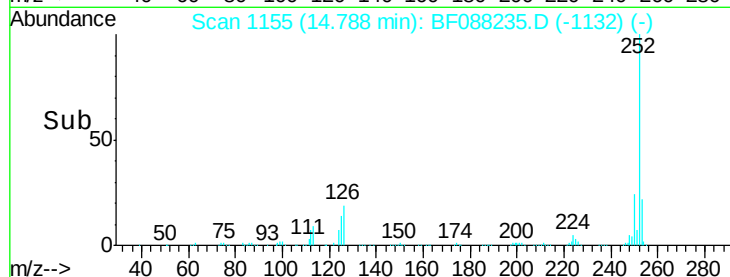
Tgt Ion:	252	Resp:	936265
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	14.3	11.2	16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 46.62 ng

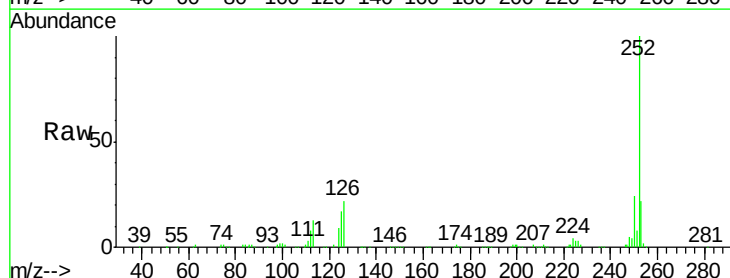
RT: 15.11 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

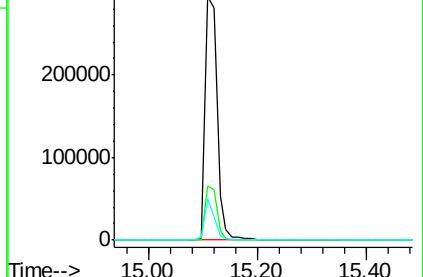
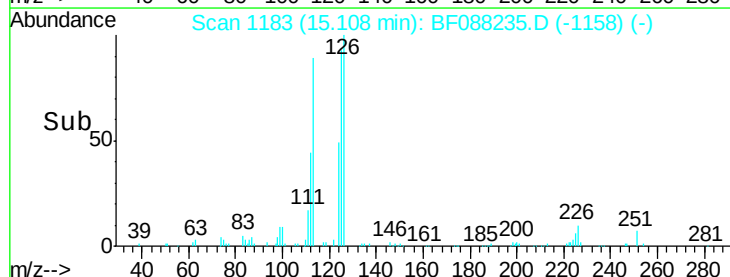
Tgt Ion:	252	Resp:	454995
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	16.9	12.5	18.7

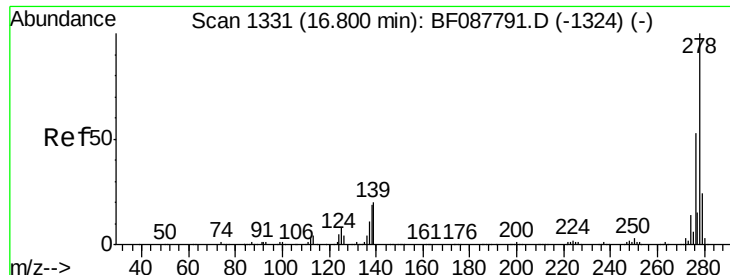


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

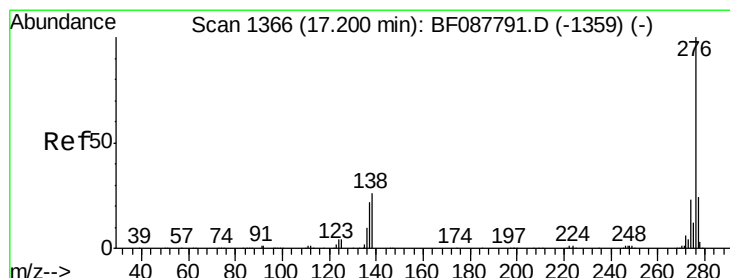
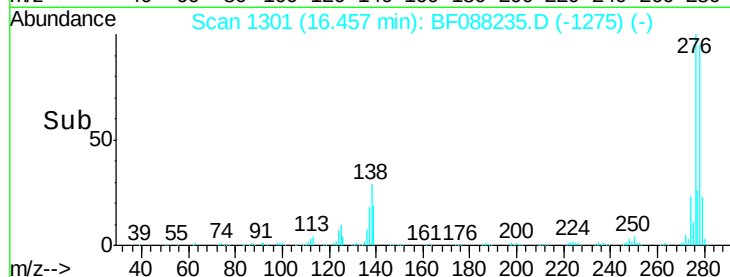
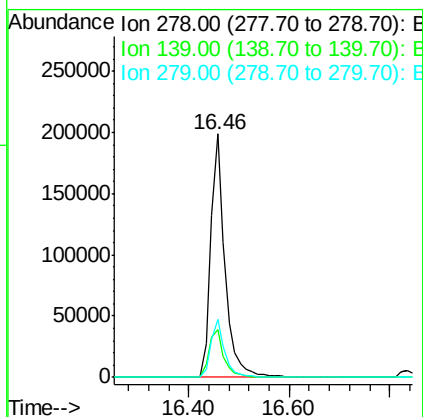
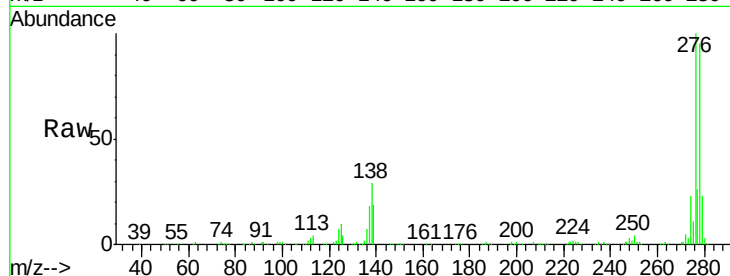




#90
Dibenzo(a,h)anthracene
Concen: 43.05 ng
RT: 16.46 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.7	23.5
279	23.8	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 43.90 ng
RT: 16.83 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	25.8	21.4	32.2

