

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088232.D
 Acq On : 22 Jun 2016 00:37
 Operator : UM/SJ
 Sample : PB91503BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

Quant Time: Jun 22 01:41:17 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	82398	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	322188	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	156980	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	278068	20.00	ng	0.00
75) Chrysene-d12	13.79	240	208217	20.00	ng	0.00
86) Perylene-d12	15.17	264	164813	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	486585	100.95	ng	0.00
7) Phenol-d6	6.31	99	555948	95.18	ng	0.00
23) Nitrobenzene-d5	7.22	82	351356	63.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	144309	87.06	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	706115	69.66	ng	0.00
78) Terphenyl-d14	12.74	244	597655	65.32	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	63462	27.10	ng	# 39
3) Pyridine	2.84	79	180050	32.56	ng	93
4) n-Nitrosodimethylamine	2.80	42	69117	29.51	ng	79
6) Aniline	6.32	93	130759	15.73	ng	# 1
8) 2-Chlorophenol	6.43	128	191323	33.54	ng	100
10) Phenol	6.32	94	218696	35.75	ng	76
11) bis(2-Chloroethyl)ether	6.40	93	184468	36.02	ng	# 82
12) 1,3-Dichlorobenzene	6.59	146	200113	32.69	ng	# 92
13) 1,4-Dichlorobenzene	6.67	146	202631	32.86	ng	95
14) 1,2-Dichlorobenzene	6.82	146	195232	34.82	ng	97
15) Benzyl Alcohol	6.81	79	137475	30.08	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	194740	28.14	ng	# 35
17) 2-Methylphenol	6.92	107	148114	32.01	ng	98
18) Hexachloroethane	7.15	117	74278	33.95	ng	# 82
19) n-Nitroso-di-n-propylamine	7.07	70	115006	30.78	ng	90
20) 3+4-Methylphenols	7.08	107	203021	37.61	ng	# 80
22) Acetophenone	7.07	105	266389	37.00	ng	# 96
24) Nitrobenzene	7.24	77	190707	35.68	ng	97
25) Isophorone	7.48	82	351050	34.35	ng	96
26) 2-Nitrophenol	7.56	139	104066	36.35	ng	# 71
27) 2,4-Dimethylphenol	7.61	122	179214	34.00	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	229672	36.23	ng	98
29) 2,4-Dichlorophenol	7.80	162	163623	37.18	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	166493	34.74	ng	96
31) Naphthalene	7.95	128	544304	34.14	ng	99
32) Benzoic acid	7.75	122	87298	30.08	ng	95
33) 4-Chloroaniline	8.02	127	82374	11.57	ng	# 92
34) Hexachlorobutadiene	8.08	225	88583	35.05	ng	99
35) Caprolactam	8.39	113	53183m	36.48	ng	
36) 4-Chloro-3-methylphenol	8.51	107	160263	34.05	ng	96
37) 2-Methylnaphthalene	8.65	142	377537	35.93	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	152797	34.65	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	80241	31.69	ng	98
42) 2,4,6-Trichlorophenol	8.94	196	98266	31.30	ng	96

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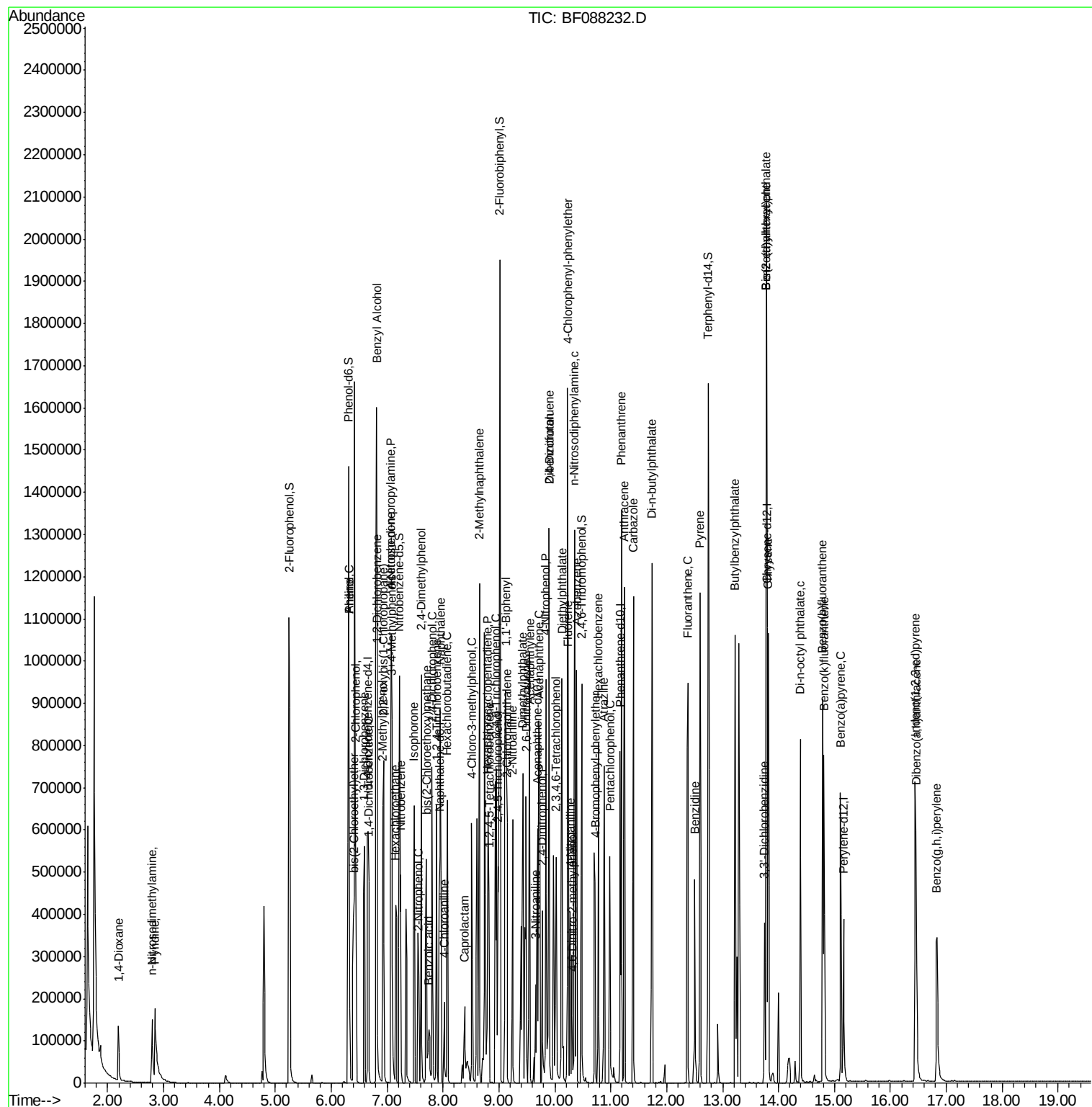
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43) 2,4,5-Trichlorophenol	8.98	196	96237	29.47	nq	# 81
45) 1,1'-Biphenyl	9.12	154	442500	36.36	nq	95
46) 2-Chloronaphthalene	9.14	162	343224	33.79	nq	# 91
47) 2-Nitroaniline	9.24	65	101281	33.80	nq	# 71
48) Acenaphthylene	9.55	152	528977	32.74	nq	98
49) Dimethylphthalate	9.43	163	417325	36.70	nq	99
50) 2,6-Dinitrotoluene	9.48	165	90503	34.75	nq	# 73
51) Acenaphthene	9.72	154	315693	31.32	nq	100
52) 3-Nitroaniline	9.66	138	48535	16.15	nq	# 79
53) 2,4-Dinitrophenol	9.77	184	69735	53.73	nq	# 86
54) Dibenzofuran	9.90	168	467711	33.69	nq	95
55) 4-Nitrophenol	9.84	139	92057	39.47	nq	97
56) 2,4-Dinitrotoluene	9.90	165	113263	33.84	nq	# 86
57) Fluorene	10.24	166	366686	38.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	84711	33.00	nq	# 59
59) Diethylphthalate	10.12	149	416128	36.15	nq	99
60) 4-Chlorophenyl-phenylether	10.23	204	155576	33.70	nq	99
61) 4-Nitroaniline	10.27	138	99024	34.74	nq	93
62) Azobenzene	10.39	77	396378	34.82	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	54757	32.28	nq	# 59
65) n-Nitrosodiphenylamine	10.35	169	347972	37.71	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	102620	34.40	nq	93
67) Hexachlorobenzene	10.78	284	102946	33.21	nq	97
68) Atrazine	10.88	200	86052	30.80	nq	91
69) Pentachlorophenol	10.98	266	78426	48.00	nq	97
70) Phenanthrene	11.19	178	505322	34.63	nq	99
71) Anthracene	11.24	178	554760	37.69	nq	98
72) Carbazole	11.40	167	535358	38.87	nq	98
73) Di-n-butylphthalate	11.74	149	630512	36.16	nq	99
74) Fluoranthene	12.38	202	550157	35.73	nq	94
76) Benzidine	12.50	184	200197	34.72	nq	98
77) Pyrene	12.59	202	527333	34.13	nq	99
79) Butylbenzylphthalate	13.22	149	257320	37.67	nq	90
80) Benzo(a)anthracene	13.78	228	389043	32.79	nq	100
81) 3,3'-Dichlorobenzidine	13.75	252	75641	23.71	nq	# 96
82) Chrysene	13.82	228	413400	37.03	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	312262	37.55	nq	99
84) Di-n-octyl phthalate	14.39	149	542595	40.16	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.45	276	340799	32.86	nq	# 100
87) Benzo(b)fluoranthene	14.79	252	351582m	30.61	nq	
88) Benzo(k)fluoranthene	14.81	252	348523m	40.22	nq	
89) Benzo(a)pyrene	15.11	252	332329	35.76	nq	99
90) Dibenzo(a,h)anthracene	16.46	278	283483	32.84	nq	98
91) Benzo(g,h,i)perylene	16.83	276	296750	33.42	nq	97

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

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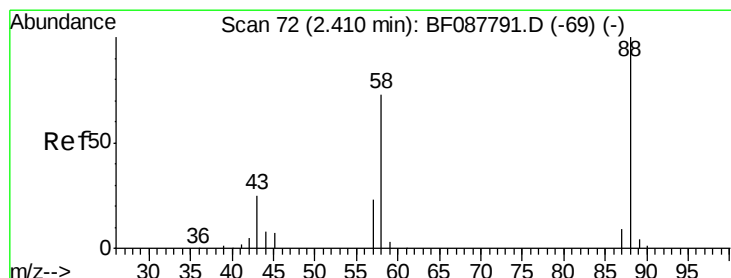
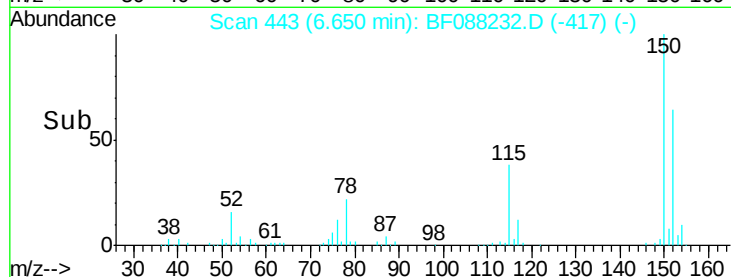
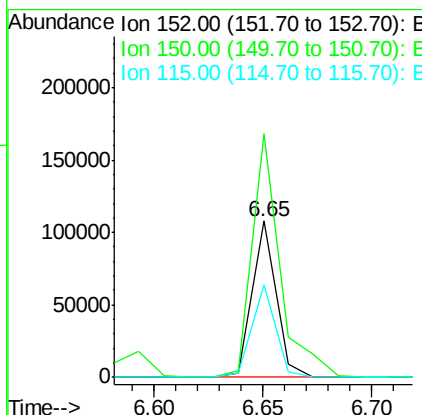
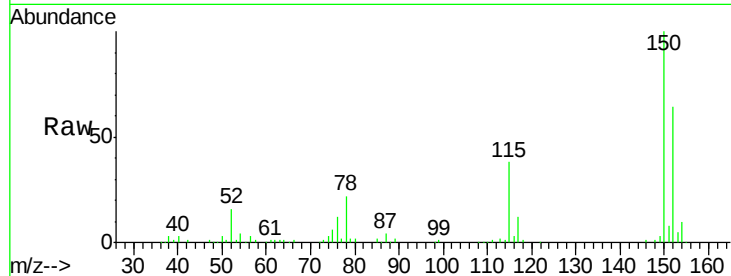


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Instrument :
BNA_F
ClientSampleId :
PB91503BS

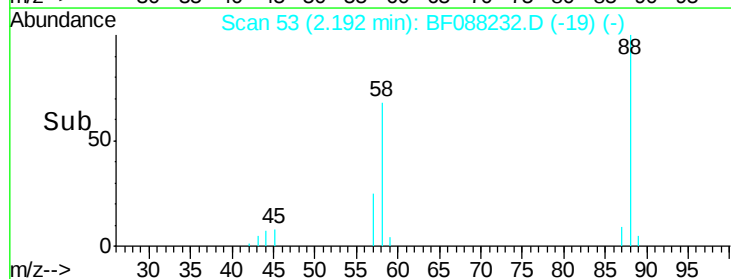
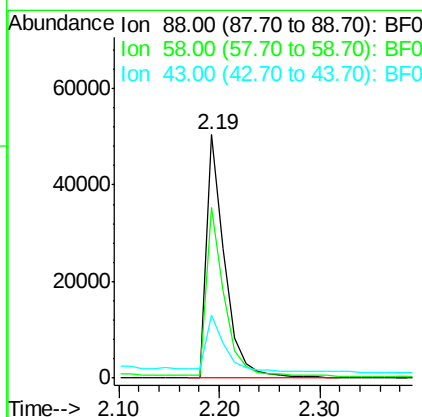
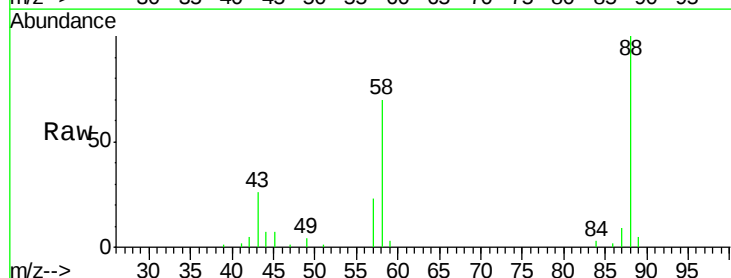
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Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.6
115 59.4 39.6 59.4

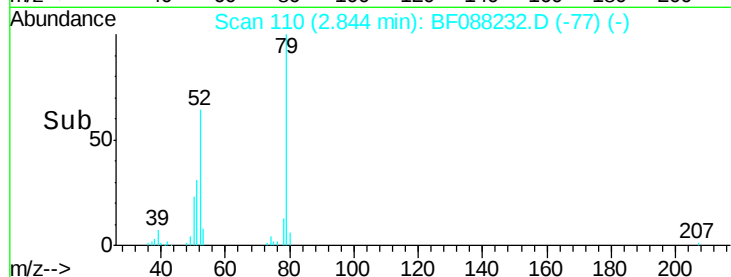
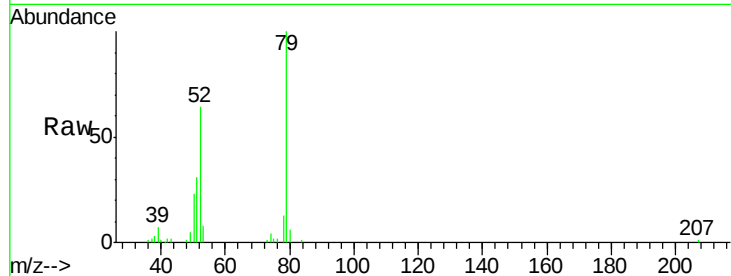
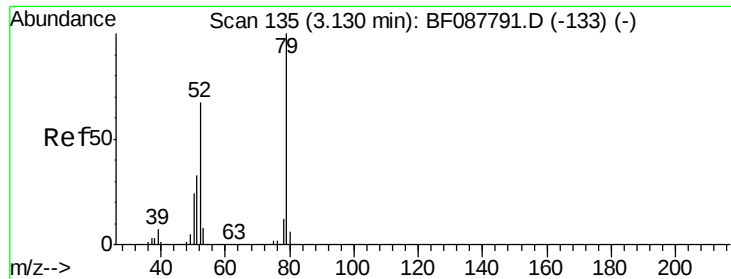


#2

1,4-Dioxane
Concen: 27.10 ng
RT: 2.19 min Scan# 53
Delta R.T. 0.09 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion: 88 Resp: 63462
Ion Ratio Lower Upper
88 100
58 68.4 0.0 0.0#
43 24.3 3.4 5.2#

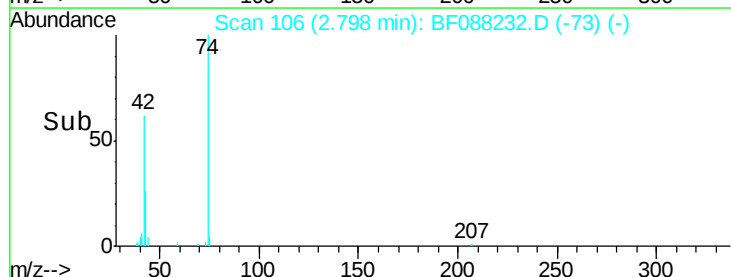
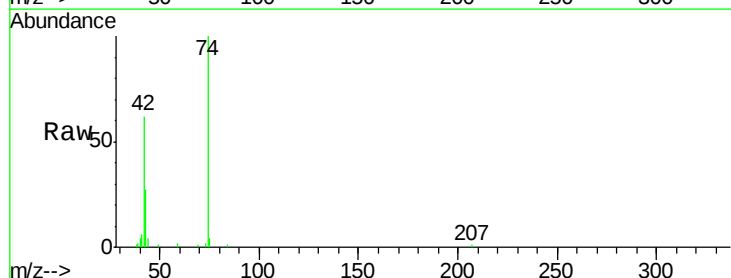
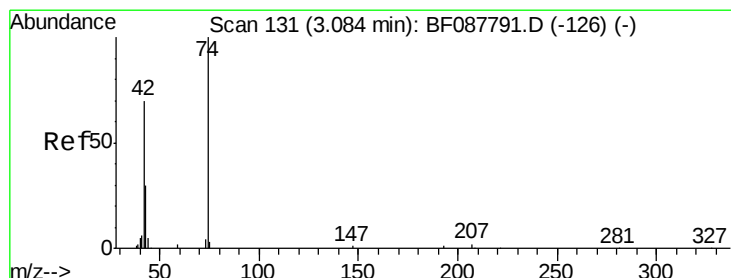
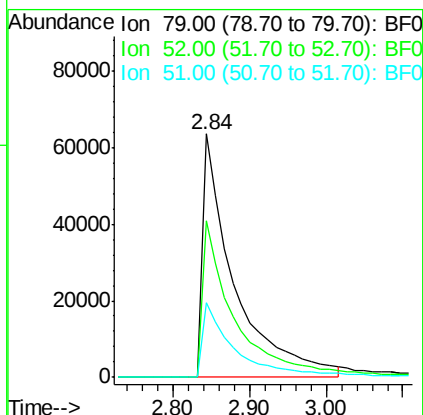




#3
 Pvrindine
 Concen: 32.56 ng
 RT: 2.84 min Scan# 110
 Delta R.T. 0.08 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

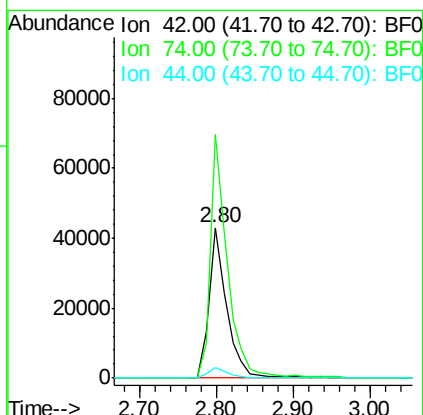
Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

Tot Ion: 79 Resp: 180050
 Ion Ratio Lower Upper
 79 100
 52 64.2 56.3 84.5
 51 30.6 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 29.51 ng
 RT: 2.80 min Scan# 106
 Delta R.T. 0.08 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion: 42 Resp: 69117
 Ion Ratio Lower Upper
 42 100
 74 162.0 108.6 163.0
 44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 100.95 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

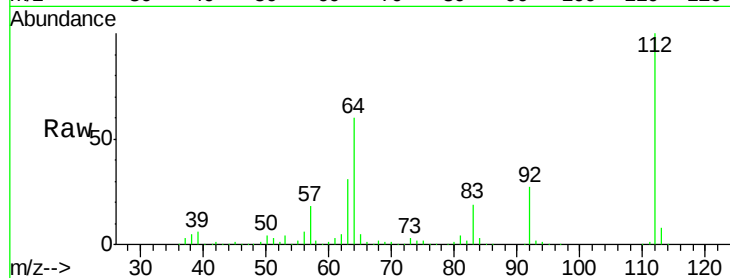
Tot Ion:112 Resp: 486585

Ion Ratio Lower Upper

112 100

64 60.4 42.2 63.2

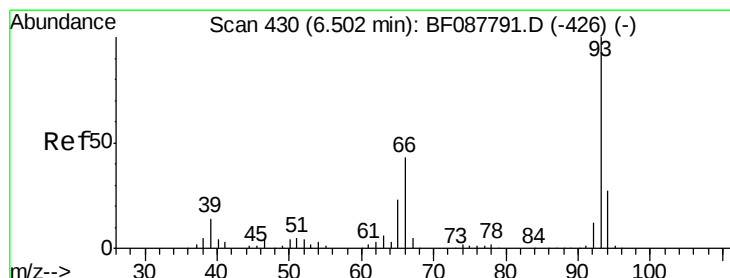
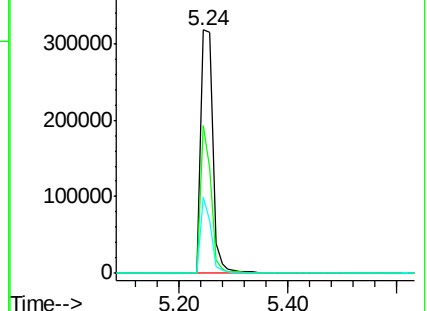
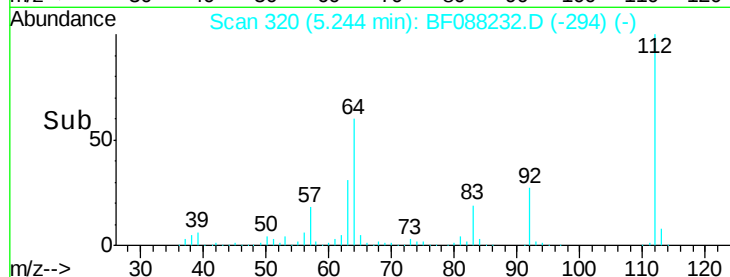
63 31.1 21.8 32.8



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: 15.73 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

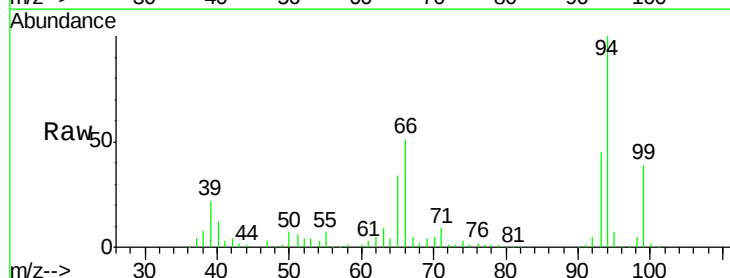
Tgt Ion: 93 Resp: 130759

Ion Ratio Lower Upper

93 100

66 112.8 29.8 44.8#

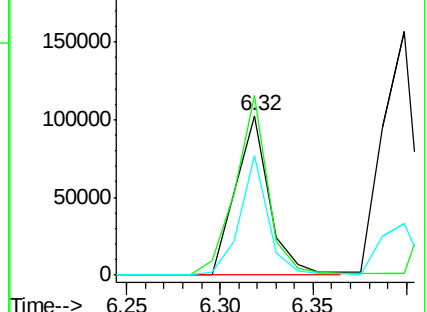
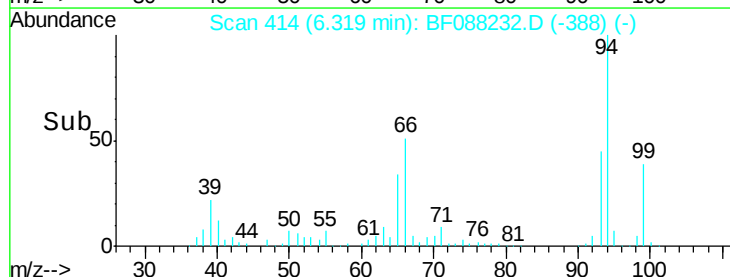
65 74.9 14.9 22.3#



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: 95.18 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

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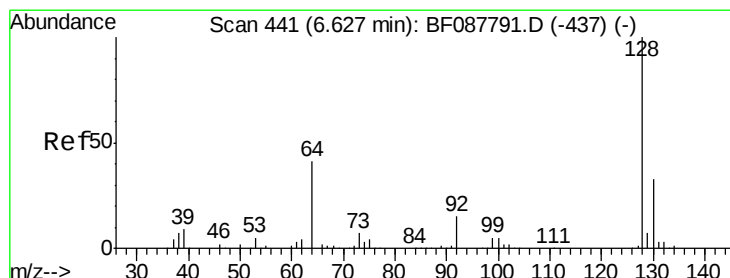
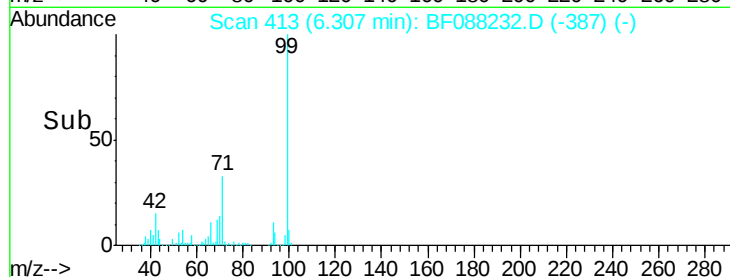
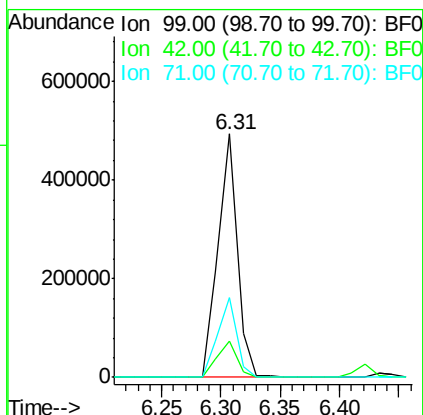
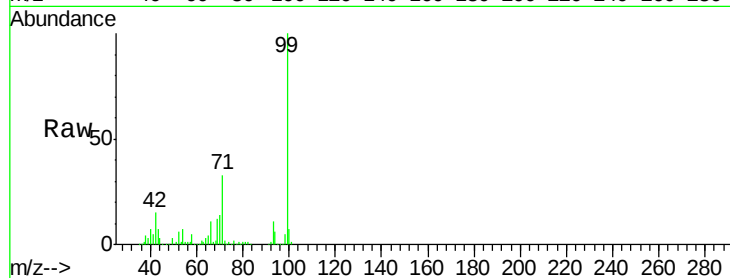
Tot Ion: 99 Resp: 555948

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

71 32.6 23.4 35.0



#8

2-Chlorophenol

Concen: 33.54 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

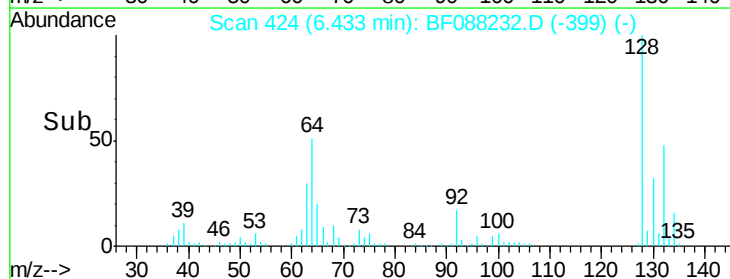
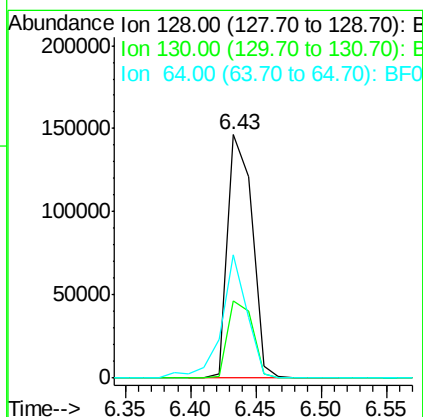
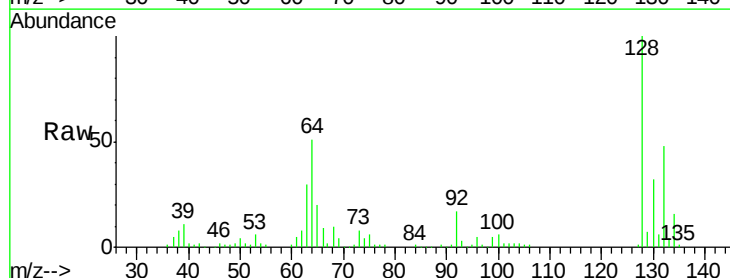
Tgt Ion: 128 Resp: 191323

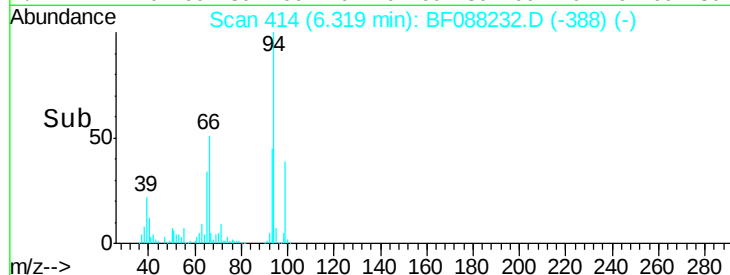
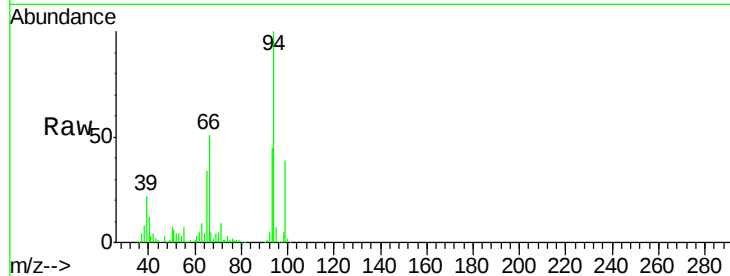
Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 50.5 30.8 70.8





#10

Phenol

Concen: 35.75 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

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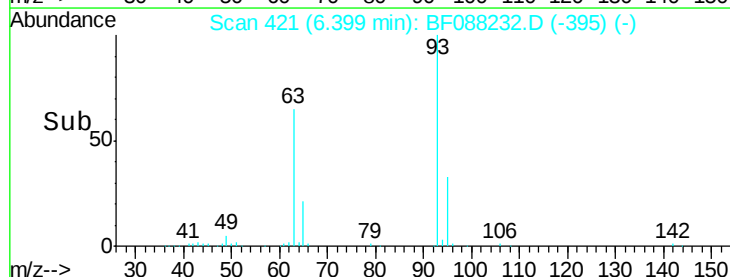
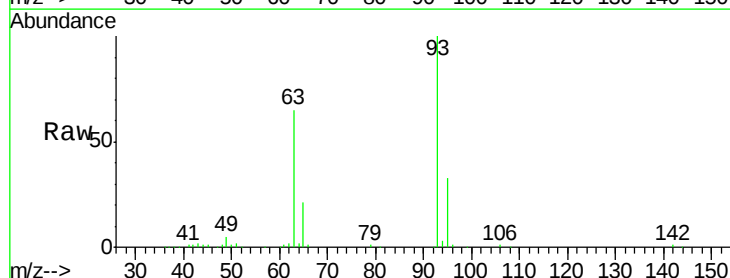
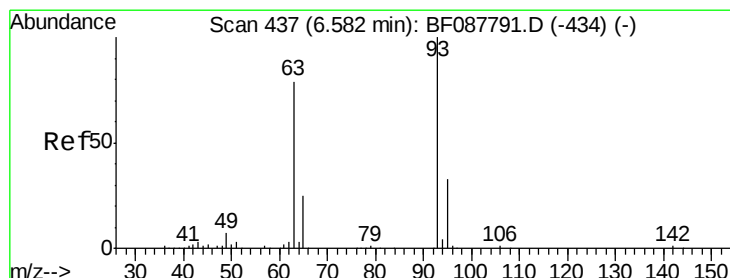
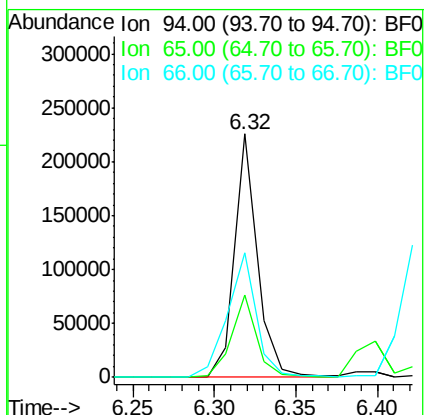
Tot Ion: 94 Resp: 218696

Ion Ratio Lower Upper

94 100

65 34.0 5.9 45.9

66 51.3 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 36.02 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

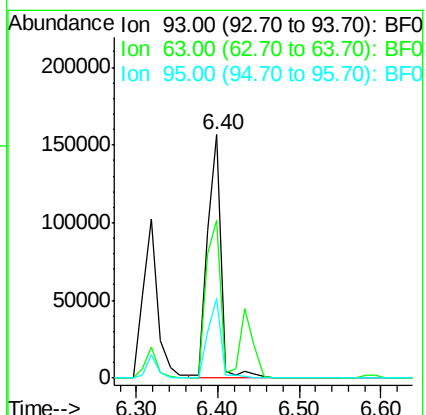
Tgt Ion: 93 Resp: 184468

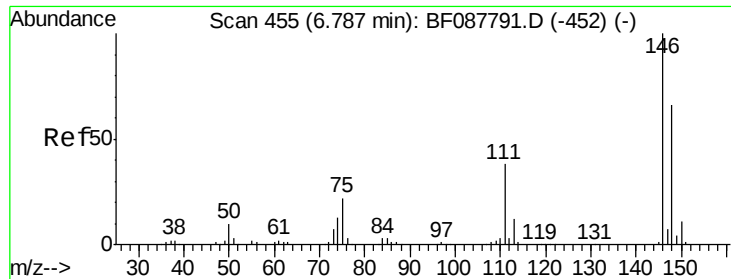
Ion Ratio Lower Upper

93 100

63 64.8 67.6 107.6#

95 32.6 12.5 52.5

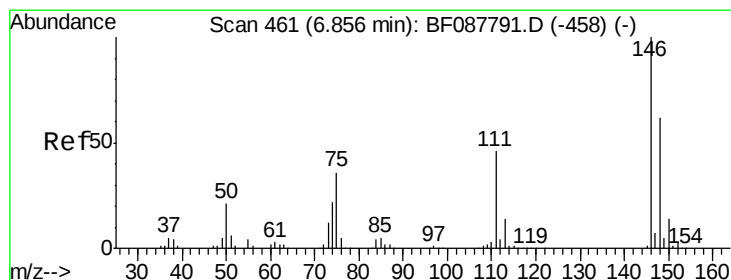
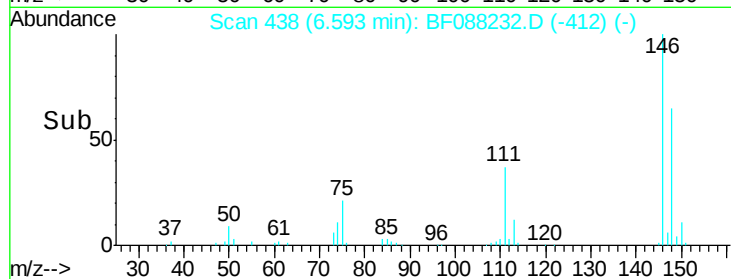
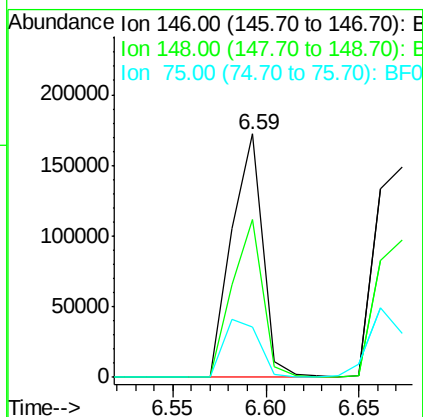
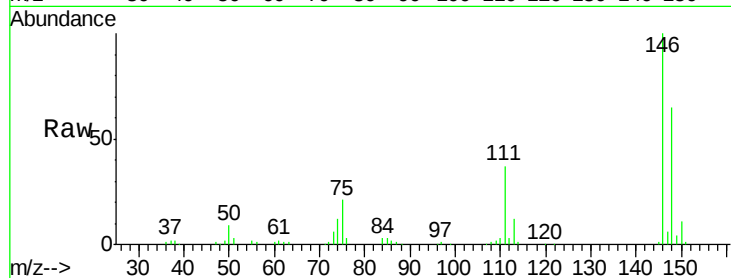




#12
 1,3-Dichlorobenzene
 Concen: 32.69 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

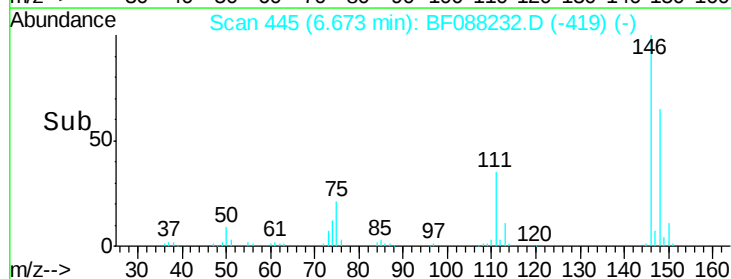
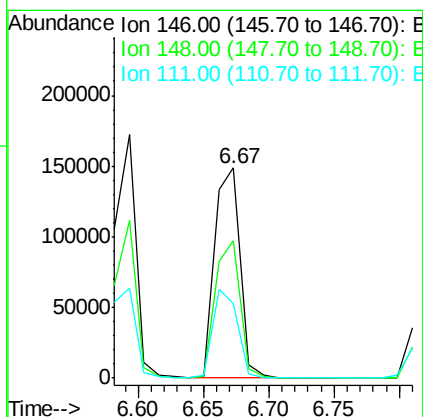
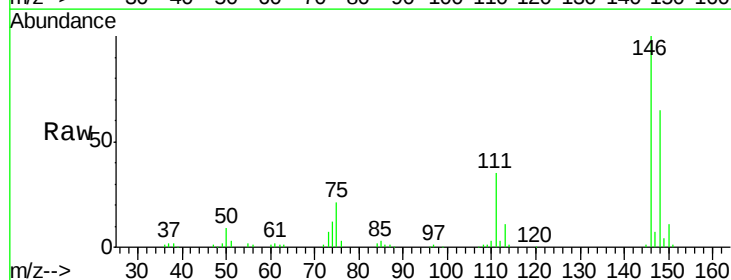
Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

Tot Ion:146 Resp: 200113
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.9 76.3
 75 20.8 25.6 38.4#



#13
 1,4-Dichlorobenzene
 Concen: 32.86 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion:146 Resp: 202631
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.0 78.0
 111 35.3 33.8 50.8





#14

1,2-Dichlorobenzene

Concen: 34.82 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

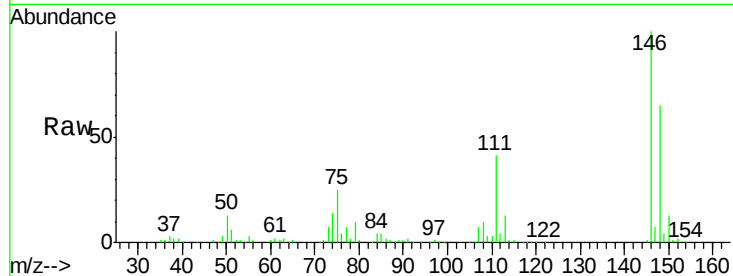
Tot Ion:146 Resp: 195232

Ion Ratio Lower Upper

146 100

148 65.0 52.3 78.5

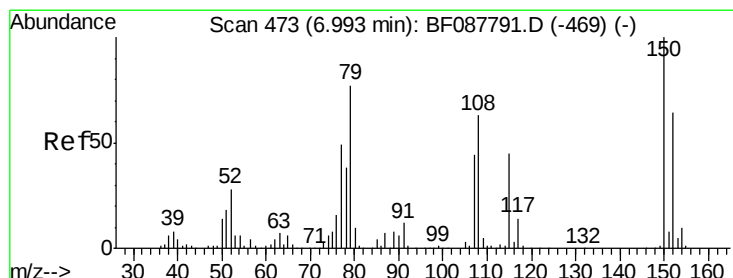
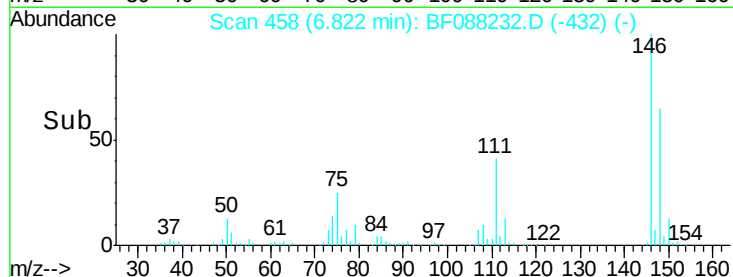
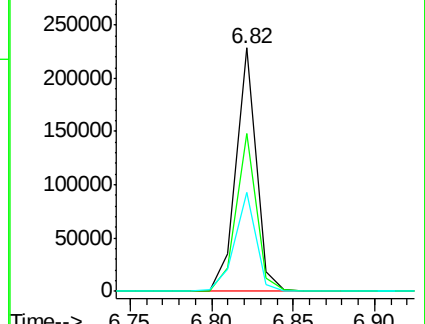
111 40.9 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 30.08 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

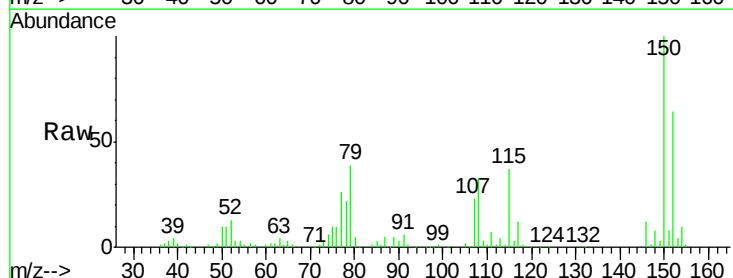
Tgt Ion: 79 Resp: 137475

Ion Ratio Lower Upper

79 100

108 83.4 65.0 97.6

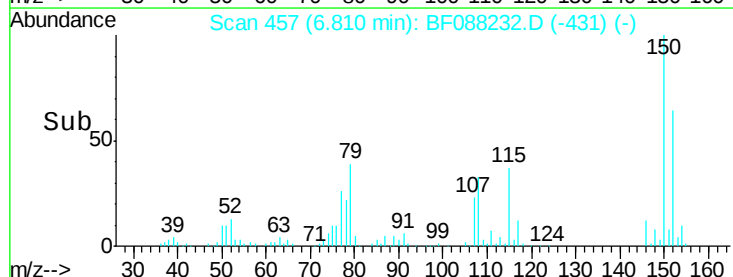
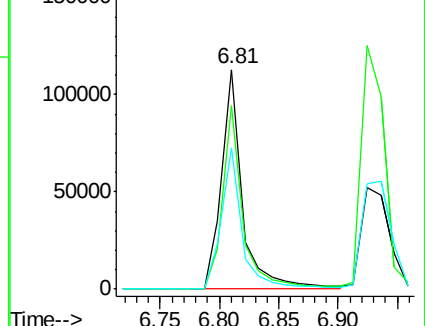
77 64.7 50.3 75.5



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

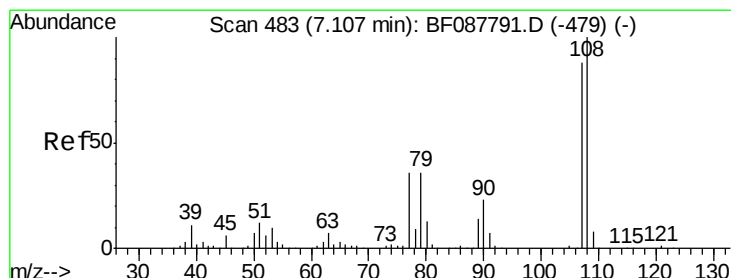
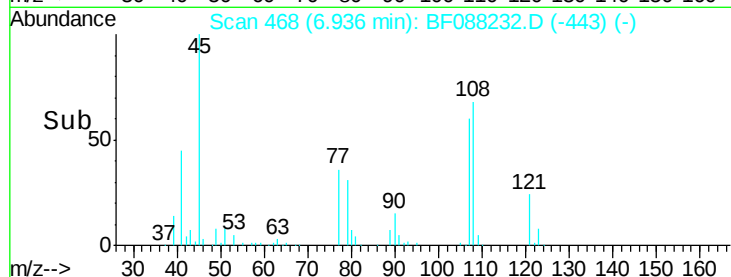
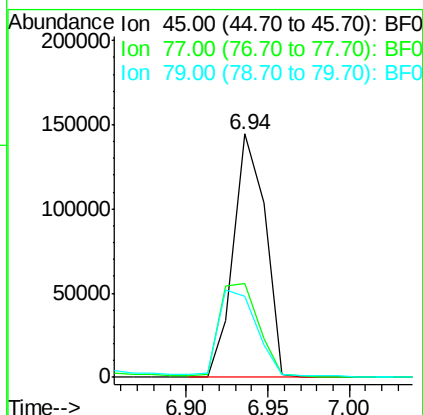
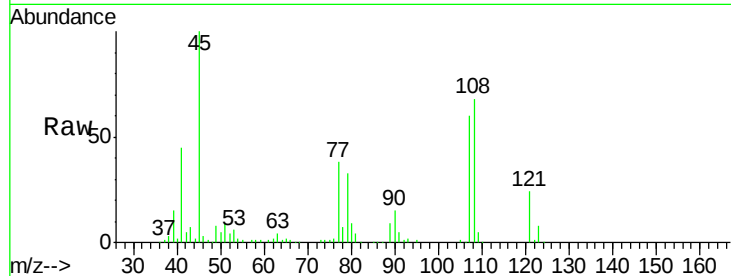




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 28.14 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

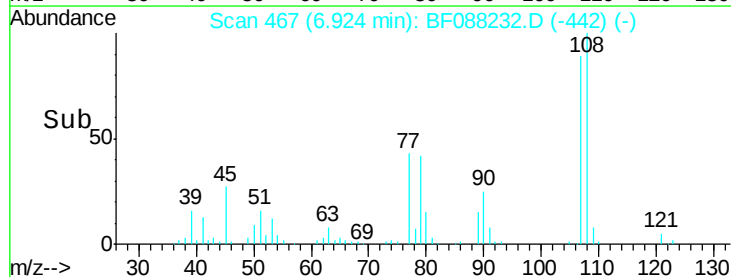
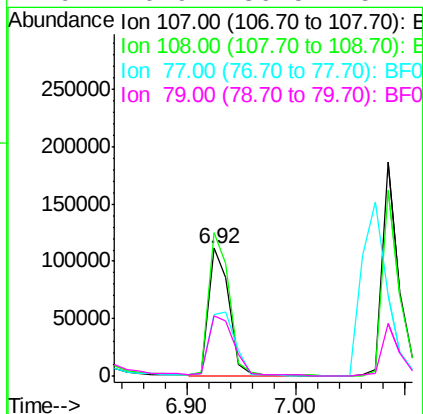
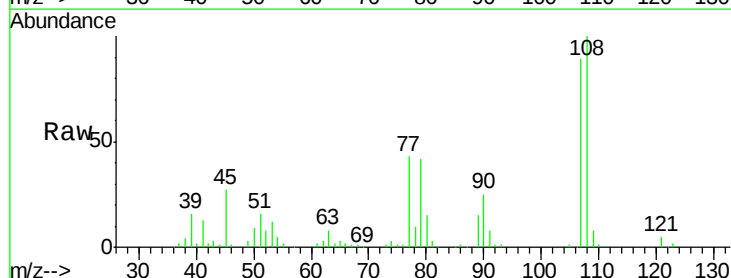
Instrument :
BNA_F
ClientSampleId :
PB91503BS

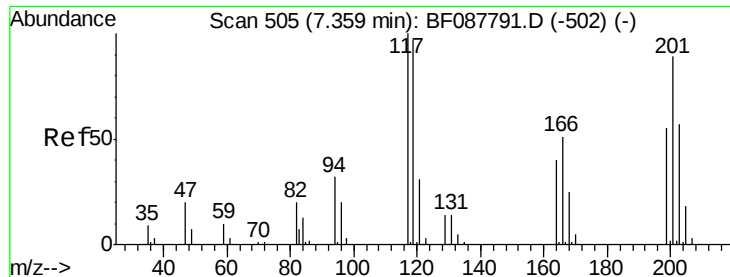
Tot Ion: 45 Resp: 194740
Ion Ratio Lower Upper
45 100
77 38.5 0.0 32.5#
79 33.2 0.0 29.5#



#17
2-Methylphenol
Concen: 32.01 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion: 107 Resp: 148114
Ion Ratio Lower Upper
107 100
108 112.4 90.9 136.3
77 48.6 36.6 55.0
79 46.9 36.5 54.7

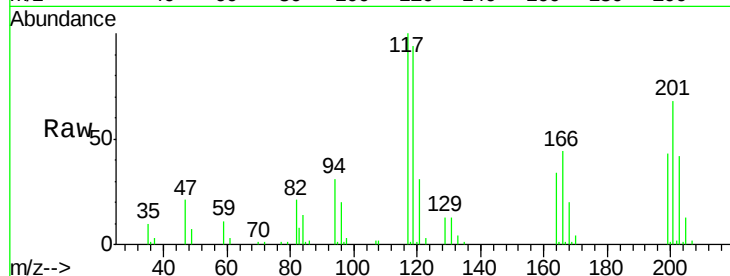




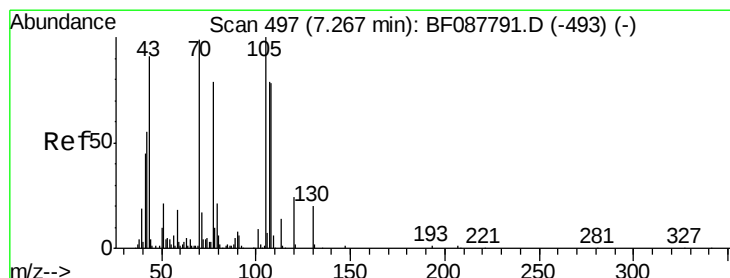
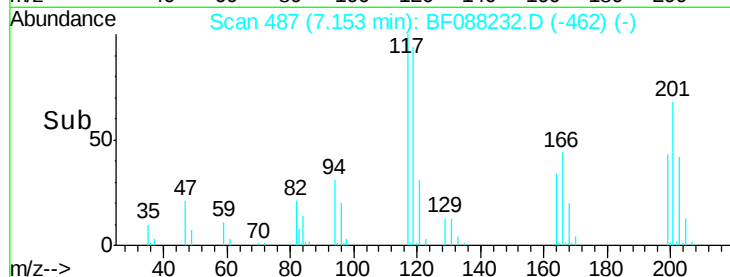
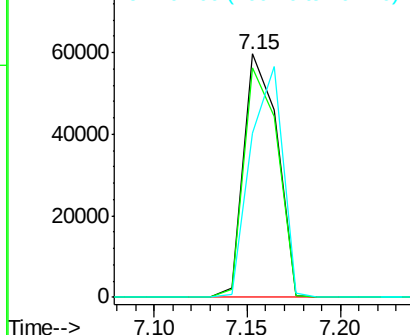
#18
Hexachloroethane
Concen: 33.95 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Instrument :
BNA_F
ClientSampleId :
PB91503BS

Tot Ion:117 Resp: 74278
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.2
201 67.7 80.4 120.6#

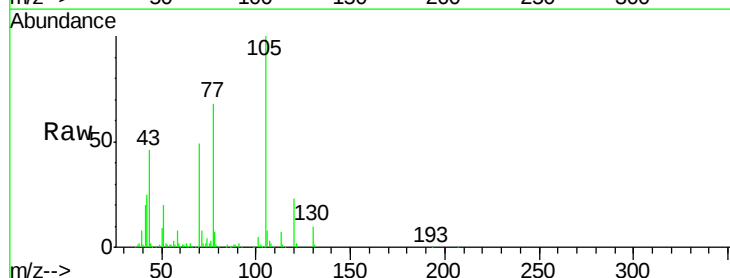


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

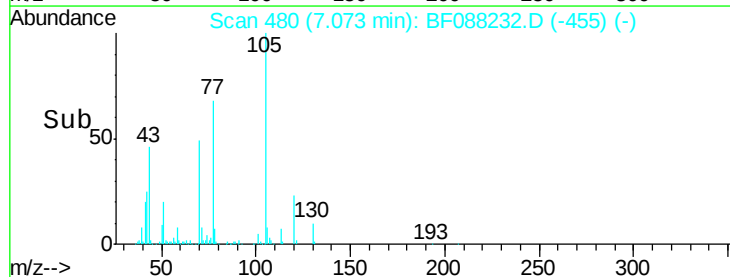
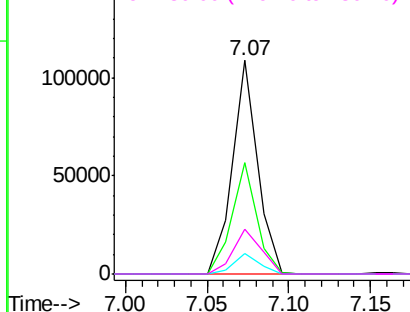


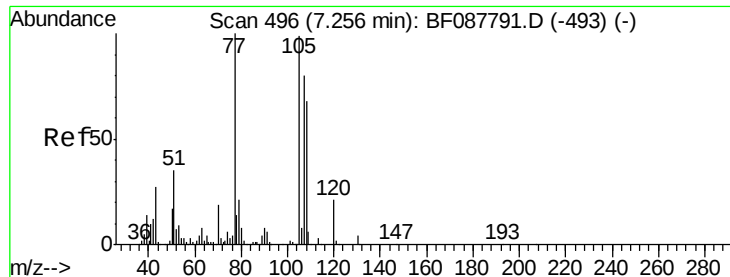
#19
n-Nitroso-di-n-propylamine
Concen: 30.78 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion: 70 Resp: 115006
Ion Ratio Lower Upper
70 100
42 51.9 49.6 74.4
101 9.5 7.1 10.7
130 21.1 15.4 23.2



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

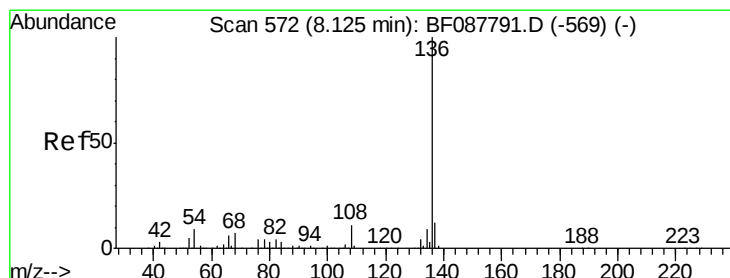
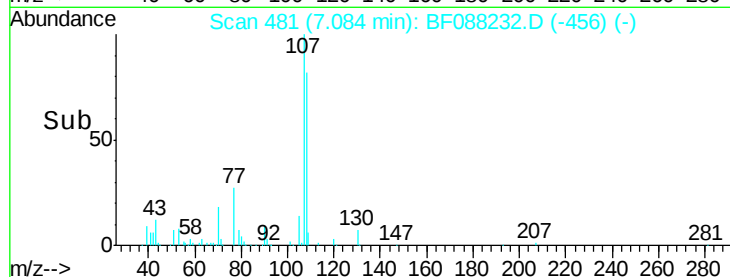
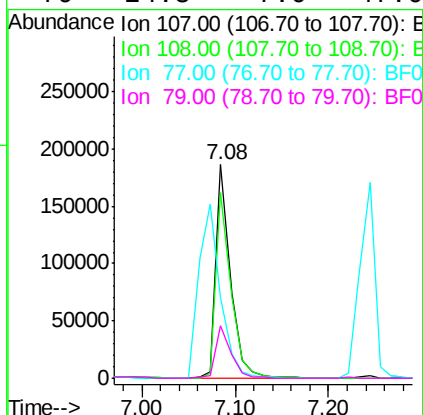
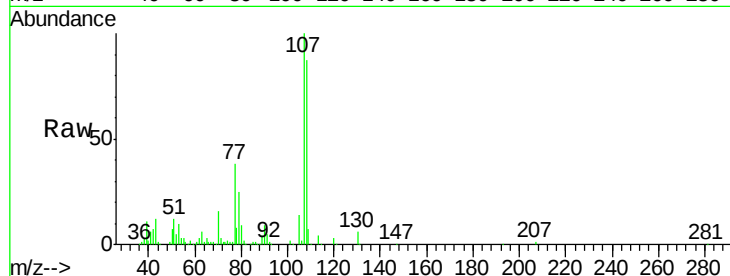




#20
 3+4-Methylphenols
 Concen: 37.61 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

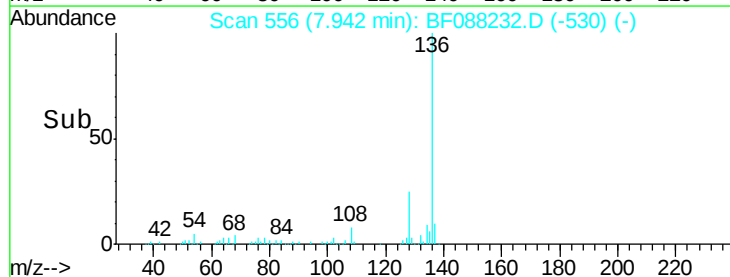
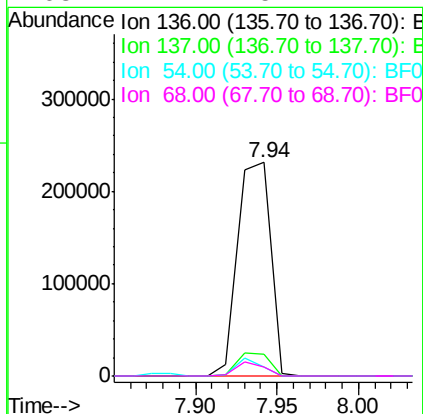
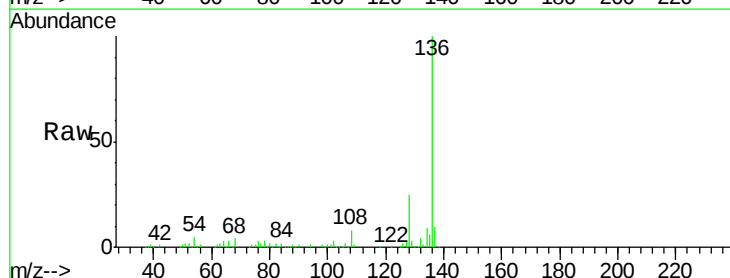
Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

Tot Ion:	107	Resp:	203021
Ion	Ratio	Lower	Upper
107	100		
108	87.0	67.8	107.8
77	37.6	59.3	99.3#
79	24.8	7.0	47.0



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.94 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion:	136	Resp:	322188
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	4.5	6.6	10.0#
68	4.1	5.1	7.7#





#22

Acetophenone

Concen: 37.00 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

Tot Ion:105 Resp: 266389

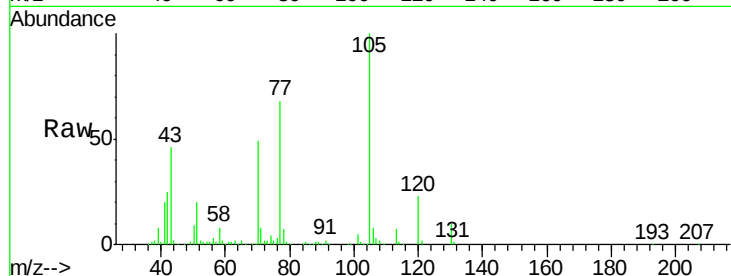
Ion Ratio Lower Upper

105 100

71 8.2 5.3 7.9#

51 19.6 18.2 27.4

120 22.7 18.0 27.0

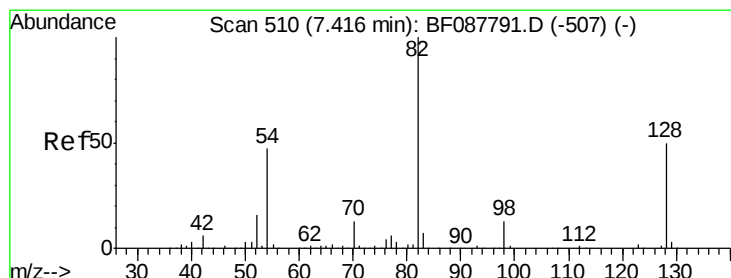
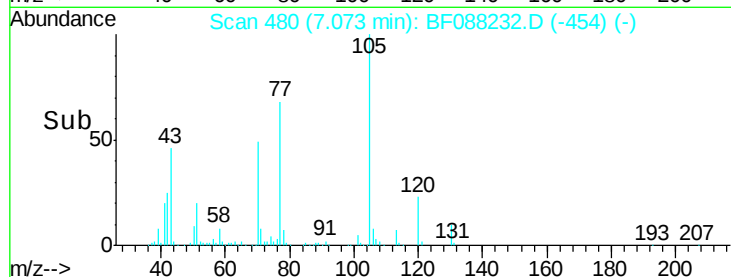
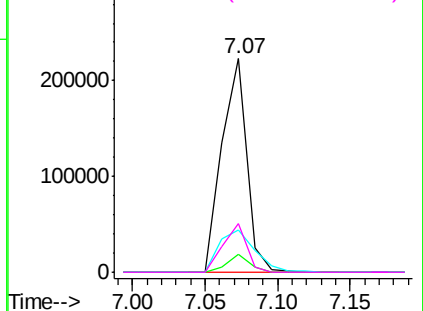


Abundance Ion 105.00 (104.70 to 105.70): E

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: 63.68 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

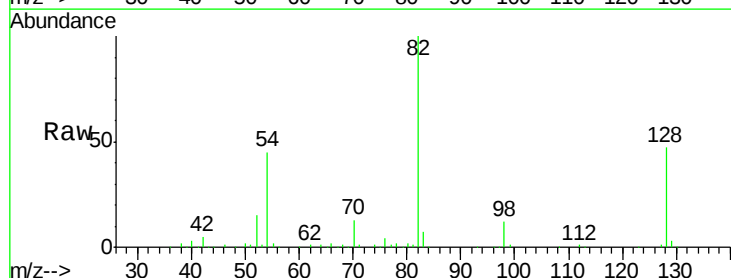
Tgt Ion: 82 Resp: 351356

Ion Ratio Lower Upper

82 100

128 47.3 35.9 53.9

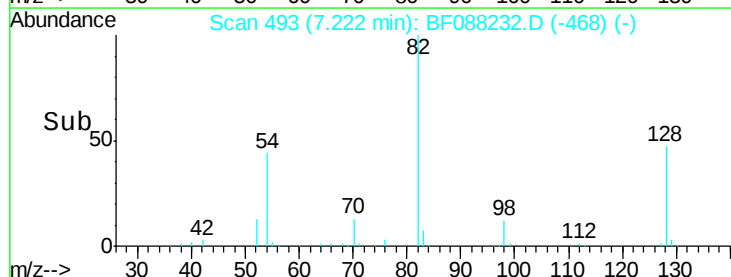
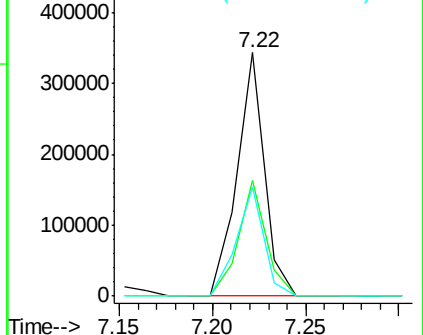
54 44.6 40.9 61.3

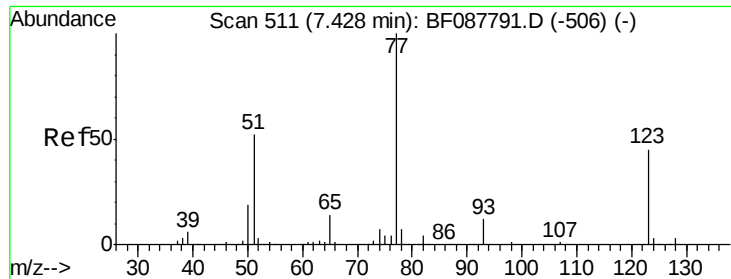


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 35.68 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

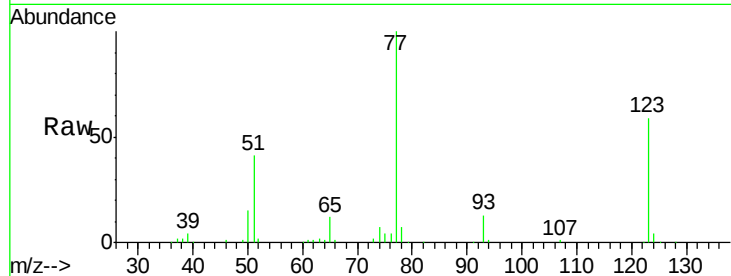
Tot Ion: 77 Resp: 190707

Ion Ratio Lower Upper

77 100

123 58.9 45.0 67.4

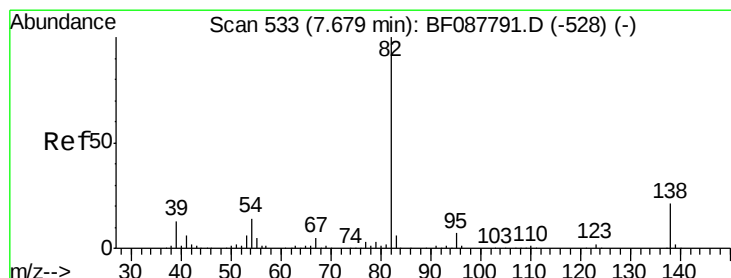
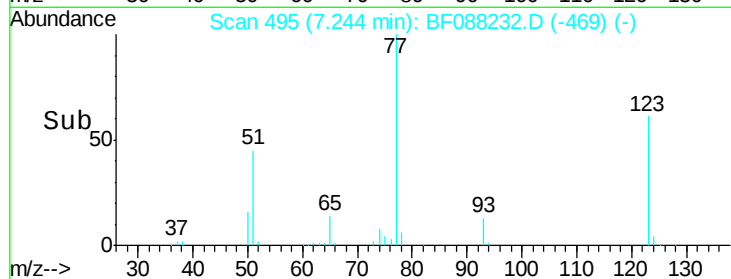
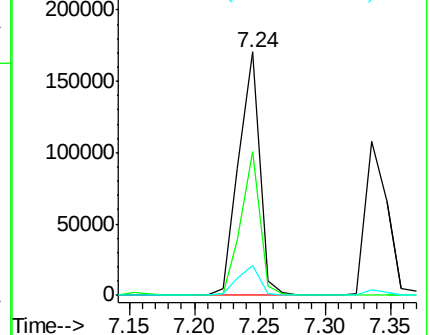
65 12.2 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 34.35 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

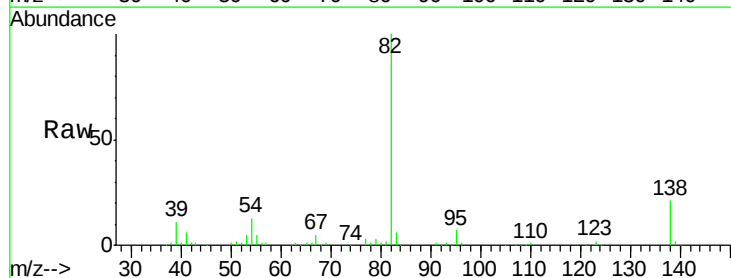
Tgt Ion: 82 Resp: 351050

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

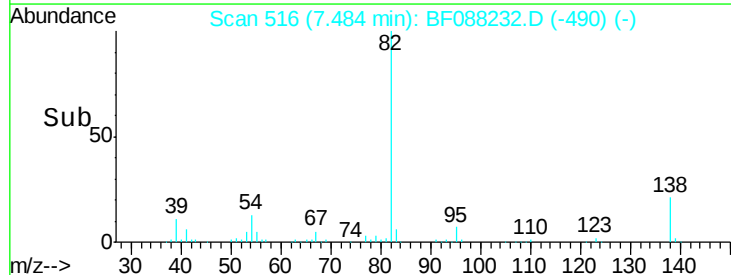
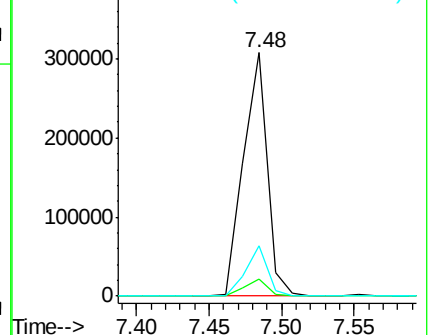
138 20.7 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

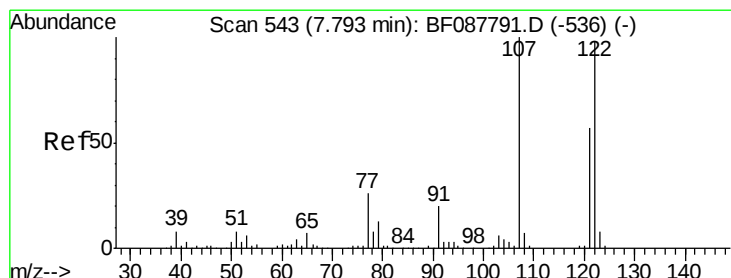
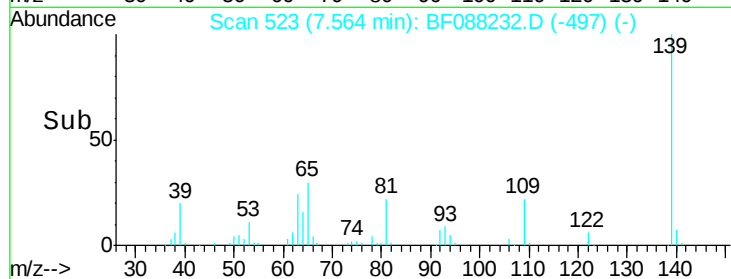
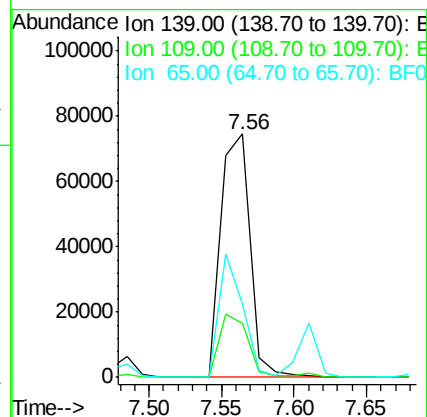
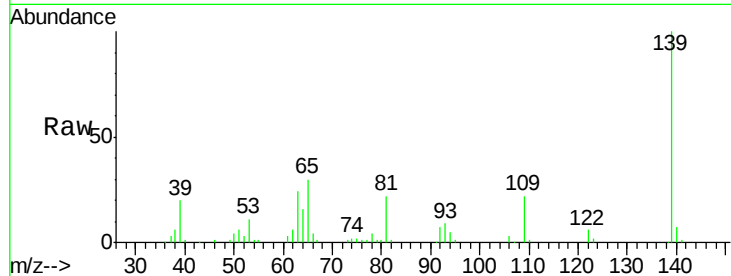




#26
2-Nitrophenol
Concen: 36.35 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

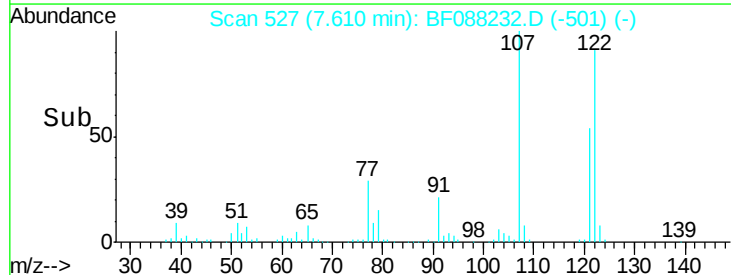
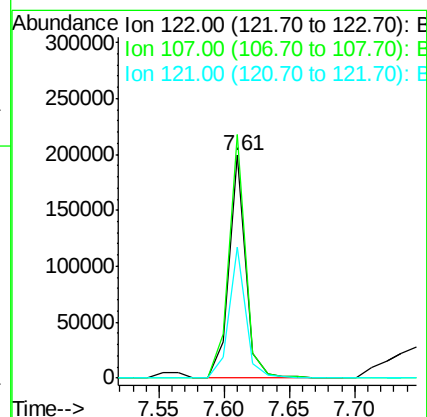
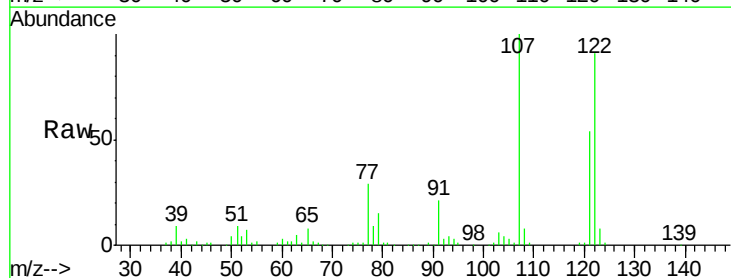
Instrument :
BNA_F
ClientSampleId :
PB91503BS

Tot Ion:139 Resp: 104066
Ion Ratio Lower Upper
139 100
109 22.4 23.0 34.4#
65 30.1 45.8 68.8#



#27
2,4-Dimethylphenol
Concen: 34.00 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:122 Resp: 179214
Ion Ratio Lower Upper
122 100
107 109.4 82.4 123.6
121 59.0 46.3 69.5

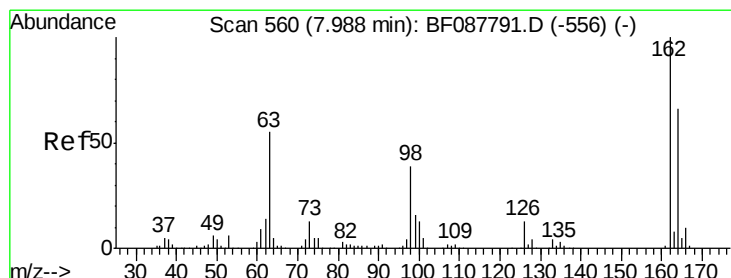
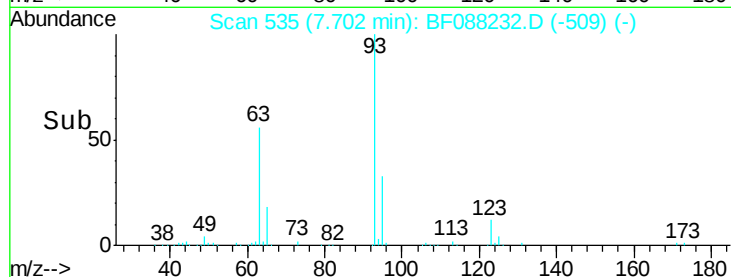
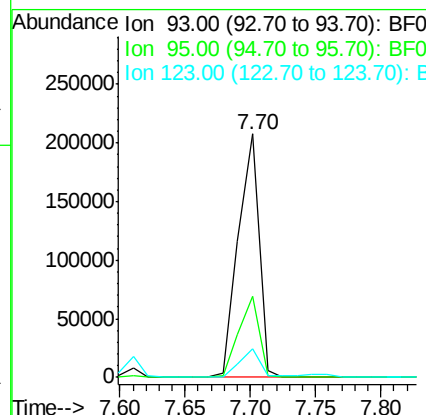
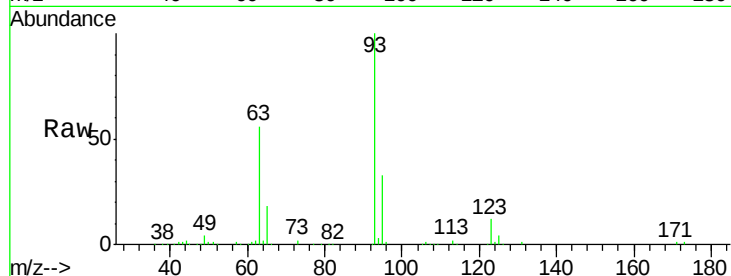




#28
 bis(2-Chloroethoxy)methane
 Concen: 36.23 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

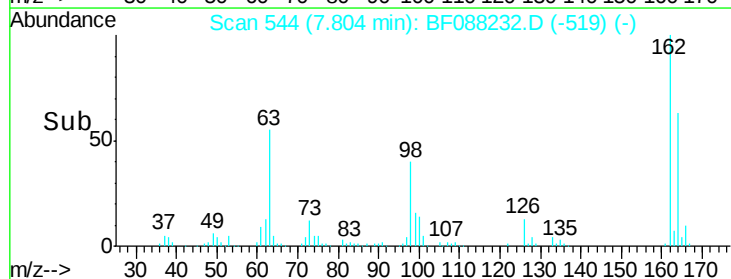
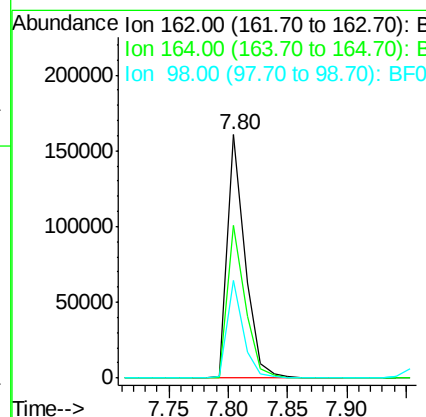
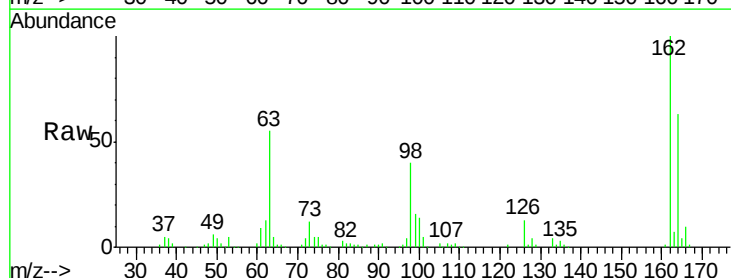
Instrument :
 BNA_F
 ClientSampled :
 PB91503BS

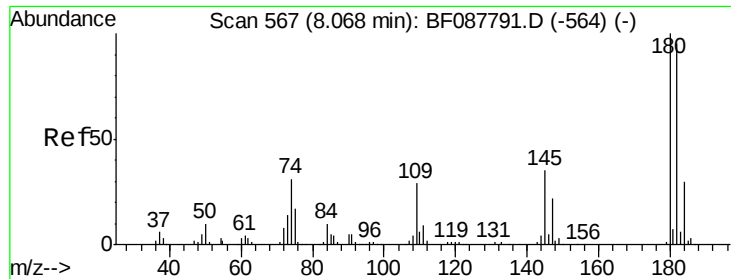
Tot Ion: 93 Resp: 229672
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 12.0 11.6 17.4



#29
 2,4-Dichlorophenol
 Concen: 37.18 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion: 162 Resp: 163623
 Ion Ratio Lower Upper
 162 100
 164 62.6 43.8 83.8
 98 39.9 21.3 61.3

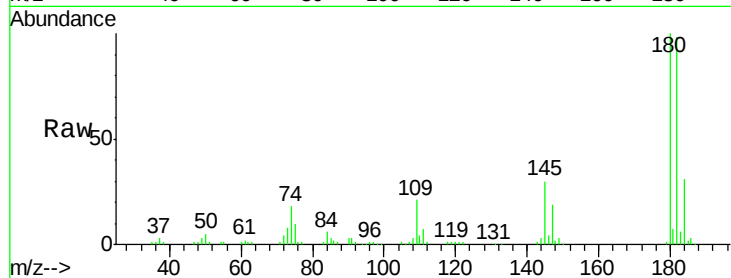




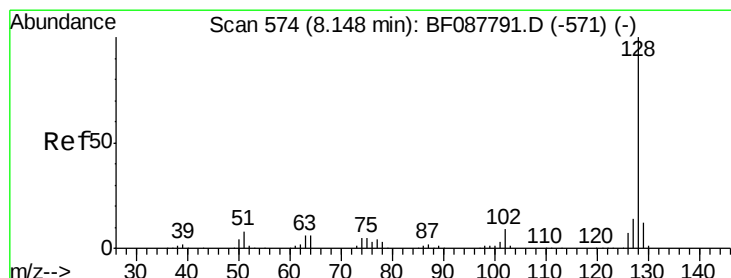
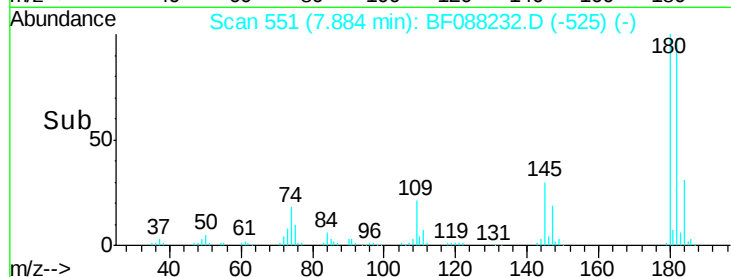
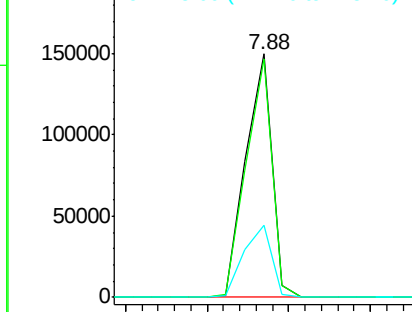
#30
 1,2,4-Trichlorobenzene
 Concen: 34.74 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

Tot Ion:180 Resp: 166493
 Ion Ratio Lower Upper
 180 100
 182 97.9 76.0 114.0
 145 29.6 26.5 39.7

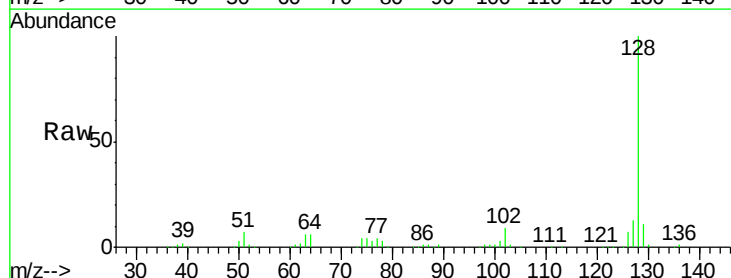


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

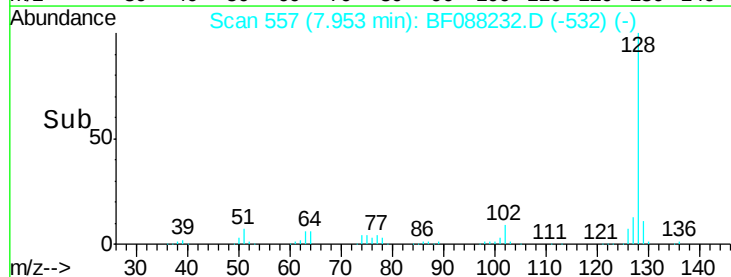
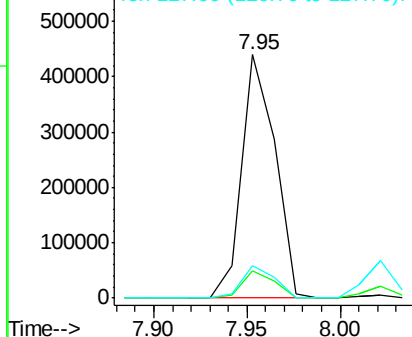


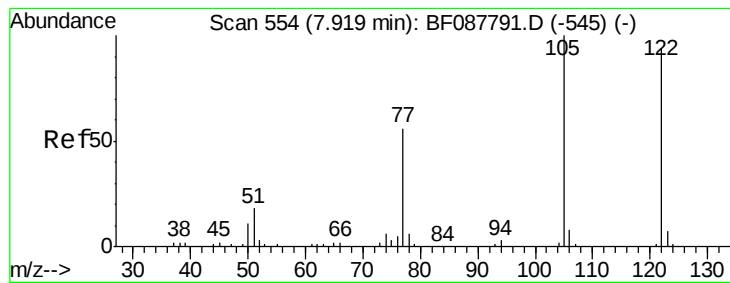
#31
 Naphthalene
 Concen: 34.14 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion:128 Resp: 544304
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.4 14.2
 127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 30.08 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

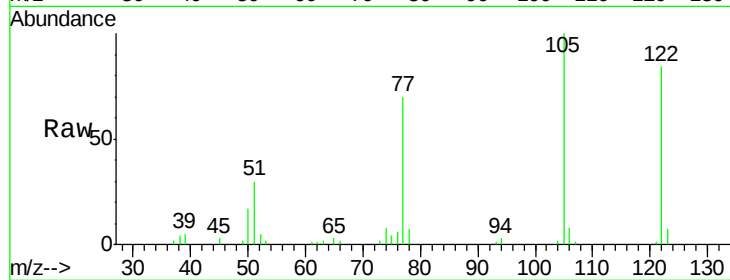
Tot Ion:122 Resp: 87298

Ion Ratio Lower Upper

122 100

105 119.3 101.6 141.6

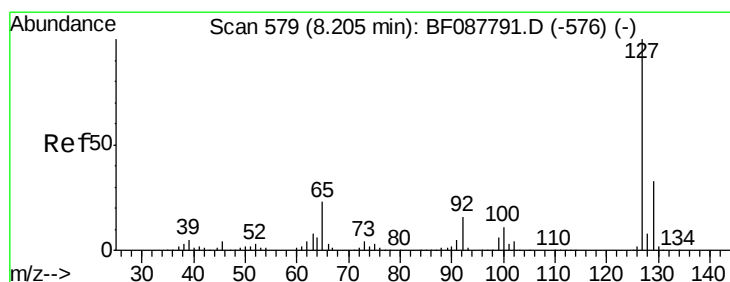
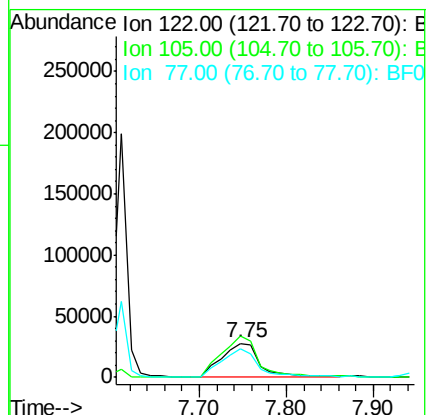
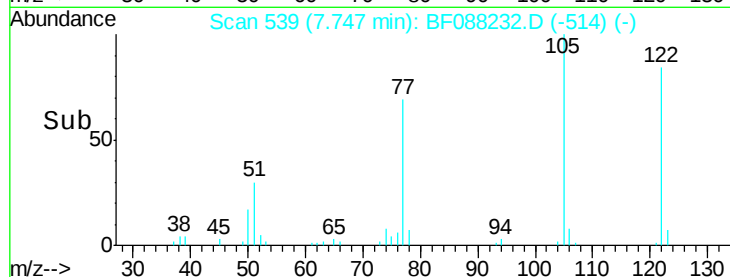
77 83.1 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 11.57 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Tgt Ion:127 Resp: 82374

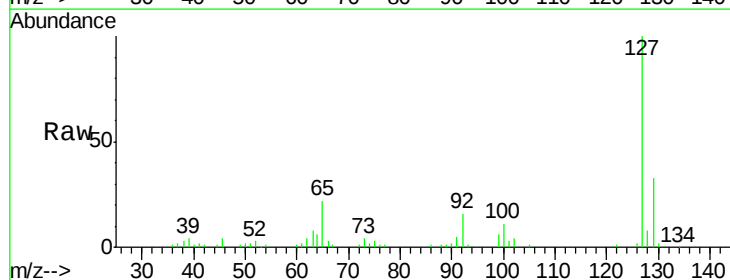
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 21.9 24.7 37.1#

92 15.6 15.4 23.0

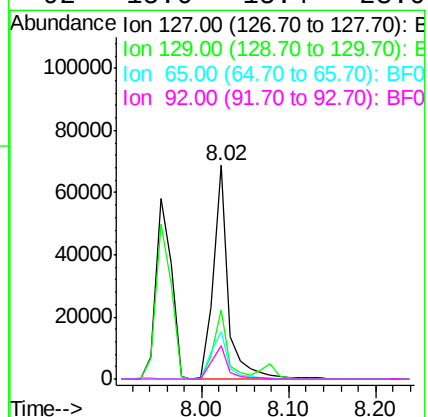
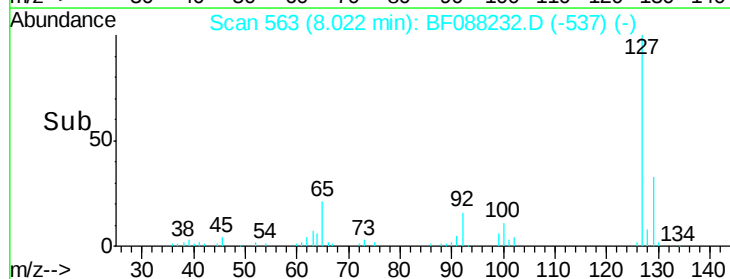


Abundance Ion 127.00 (126.70 to 127.70): E

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

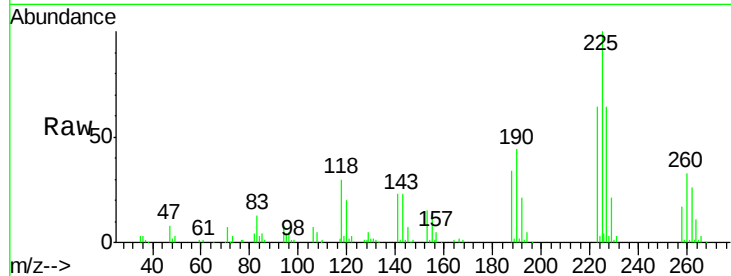




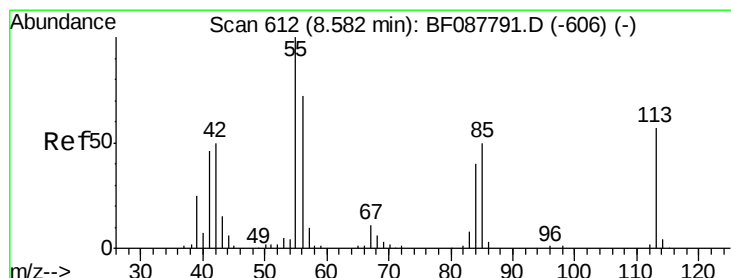
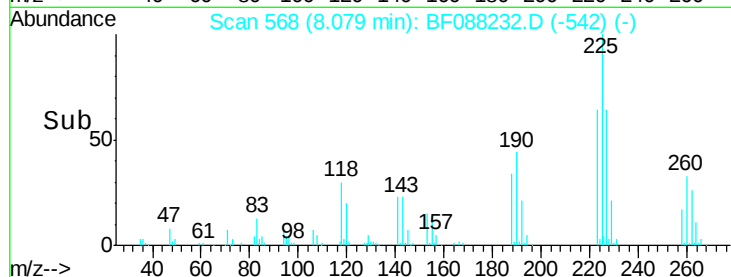
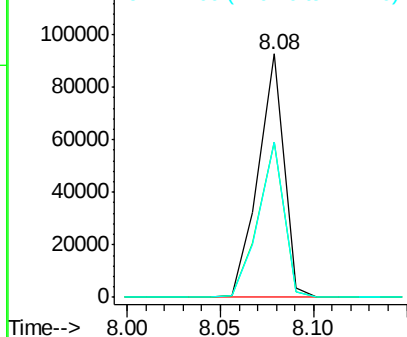
#34
Hexachlorobutadiene
Concen: 35.05 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Instrument :
BNA_F
ClientSampleId :
PB91503BS

Tot Ion:225 Resp: 88583
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 63.7 51.9 77.9

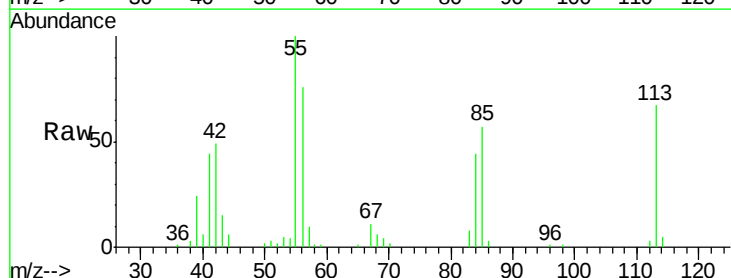


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

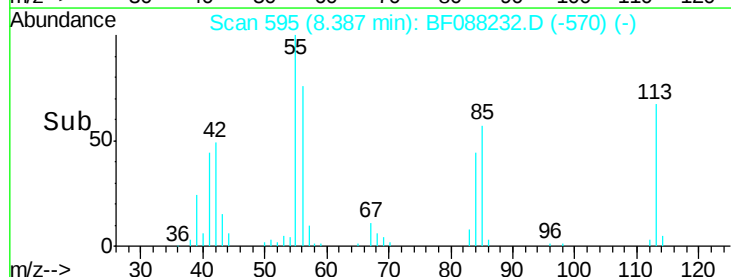
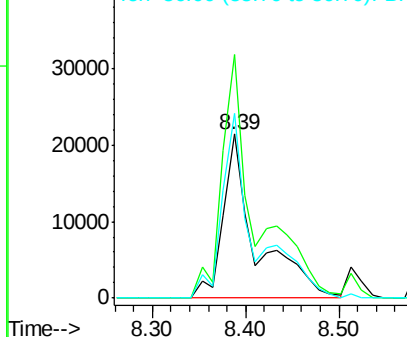


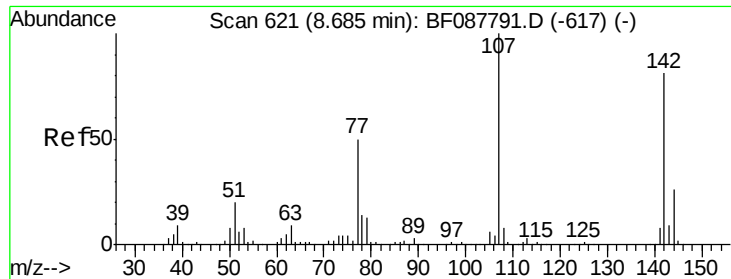
#35
Caprolactam
Concen: 36.48 ng m
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:113 Resp: 53183
Ion Ratio Lower Upper
113 100
55 148.7 158.6 198.6#
56 112.9 110.6 150.6



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

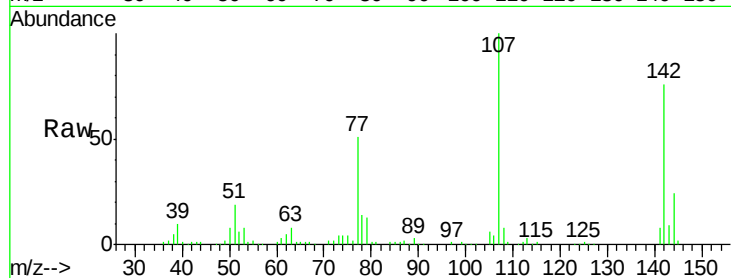




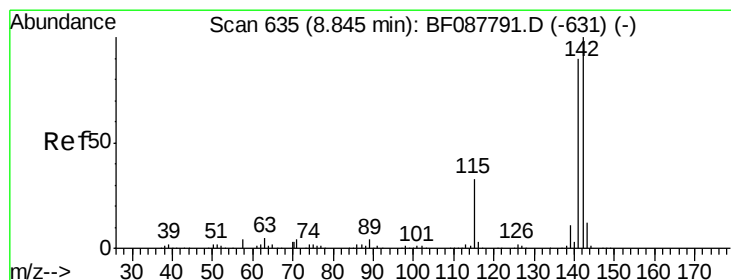
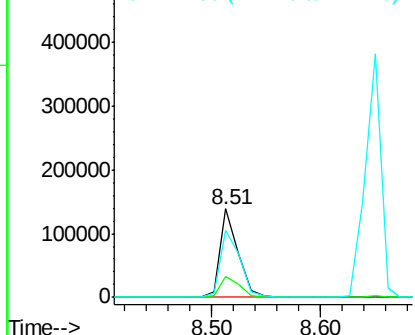
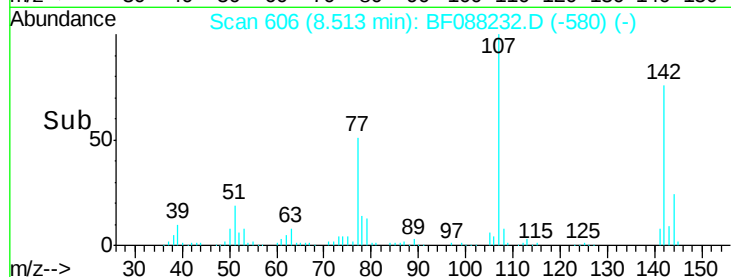
#36
 4-Chloro-3-methylphenol
 Concen: 34.05 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

Tot Ion:107 Resp: 160263
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.8 31.2
 142 76.2 63.4 95.2

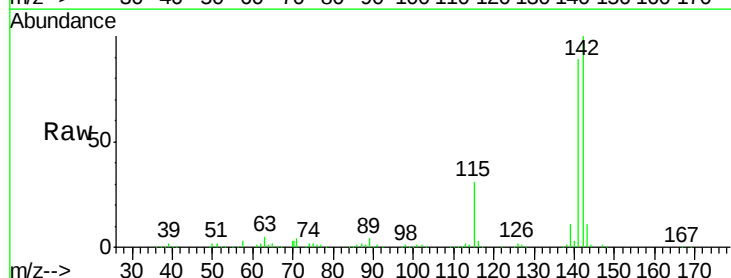


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

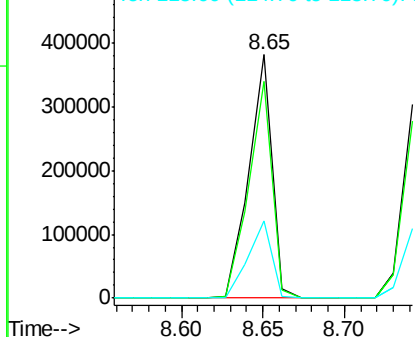
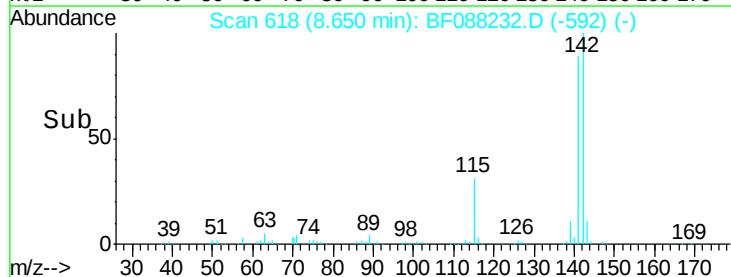


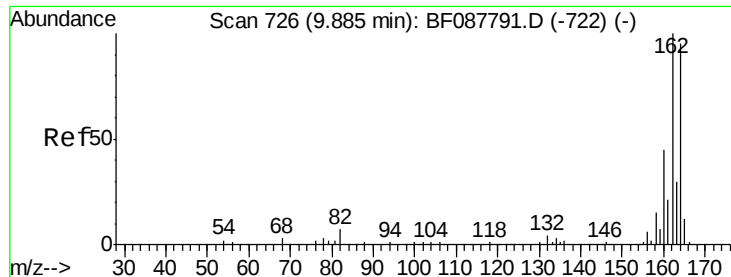
#37
 2-Methylnaphthalene
 Concen: 35.93 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion:142 Resp: 377537
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 31.5 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

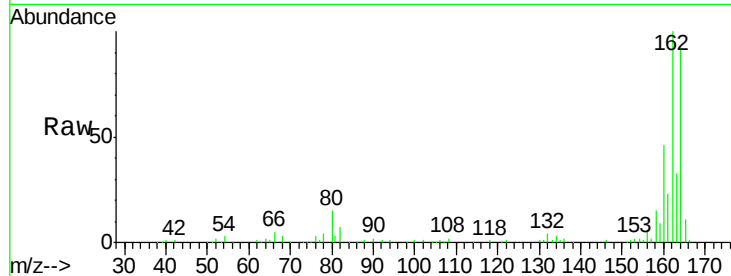




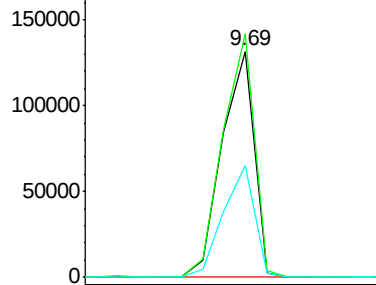
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

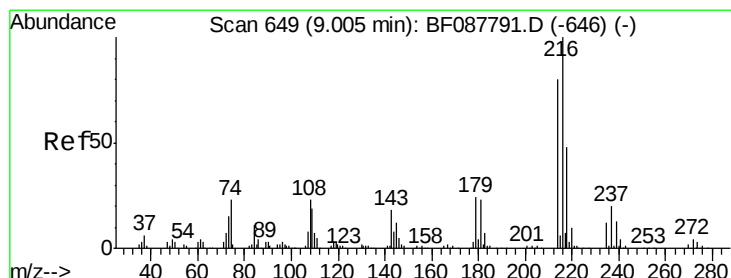
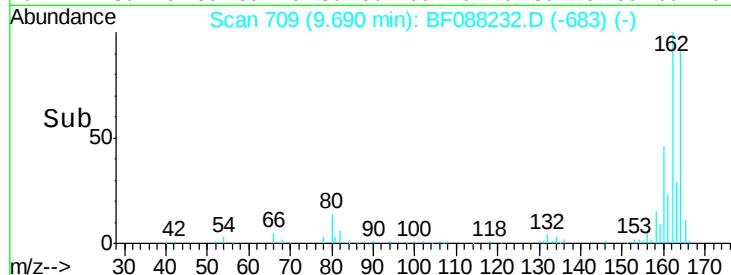
Tot Ion:164 Resp: 156980
 Ion Ratio Lower Upper
 164 100
 162 107.7 85.4 128.2
 160 49.2 39.5 59.3



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

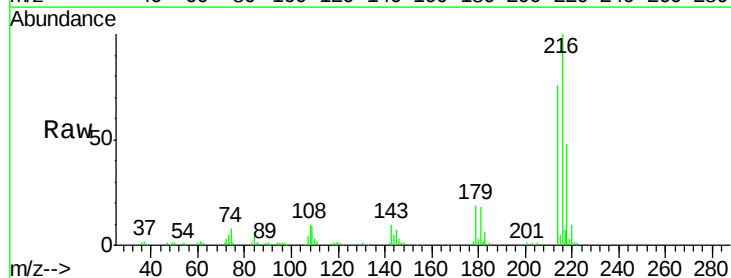


Time-->

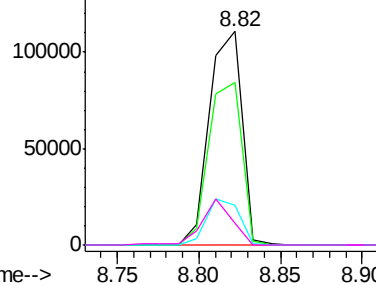


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.65 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

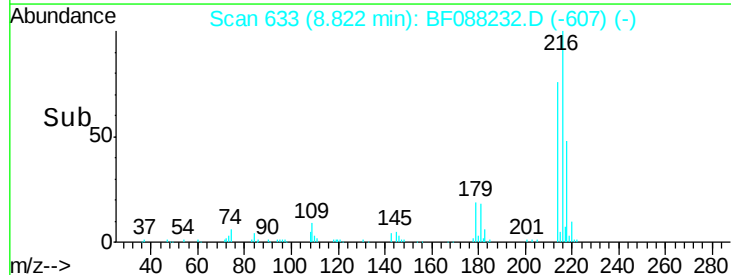
Tgt Ion:216 Resp: 152797
 Ion Ratio Lower Upper
 216 100
 214 77.8 2.9 4.3#
 179 21.8 0.0 0.0#
 108 20.3 0.5 0.7#

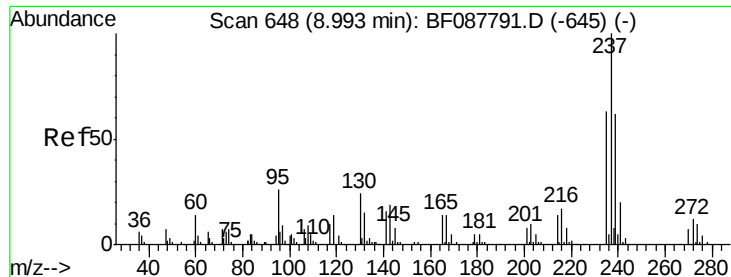


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



Time-->





#40

Hexachlorocyclopentadiene

Concen: 31.69 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

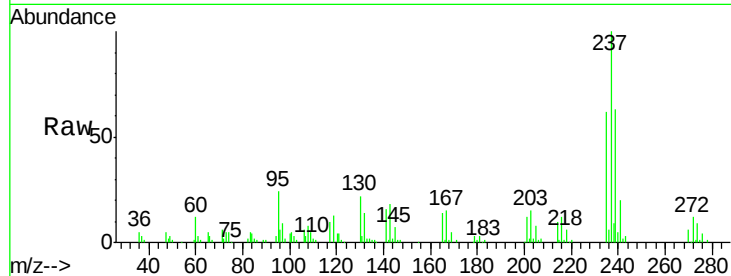
Tot Ion:237 Resp: 80241

Ion Ratio Lower Upper

237 100

235 62.1 43.4 83.4

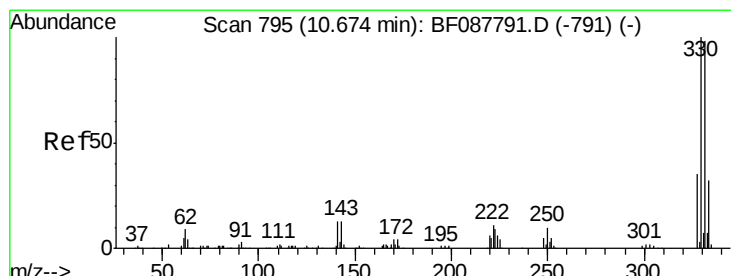
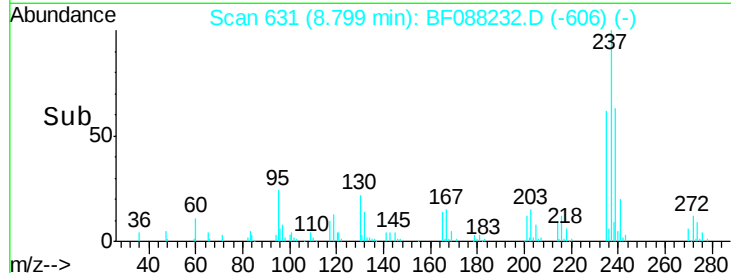
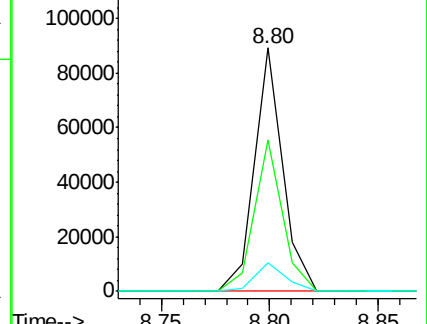
272 11.9 0.0 32.3



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: 87.06 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

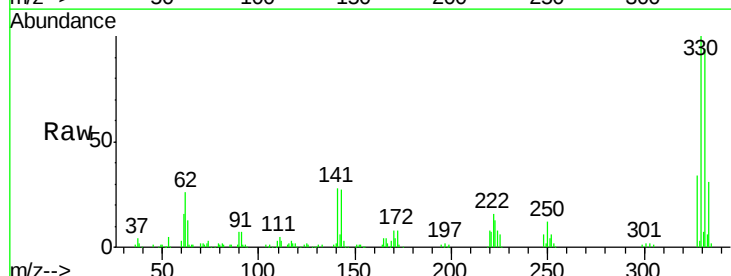
Tgt Ion:330 Resp: 144309

Ion Ratio Lower Upper

330 100

332 94.6 0.0 0.0#

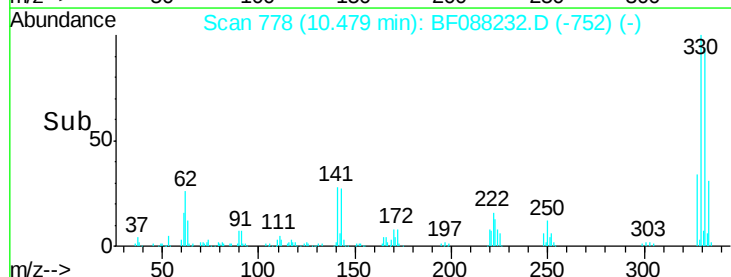
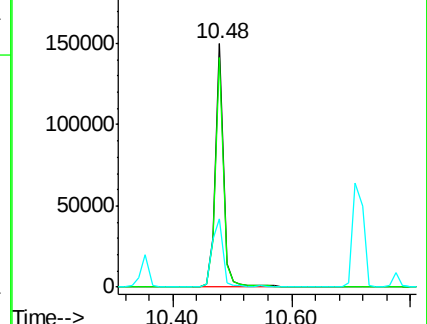
141 37.0 0.0 0.0#



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

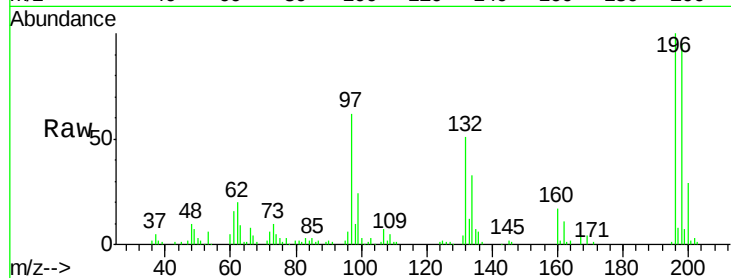




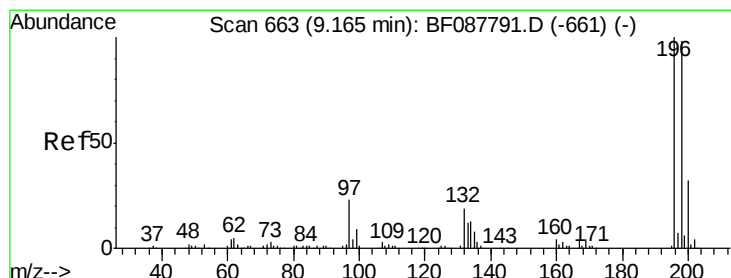
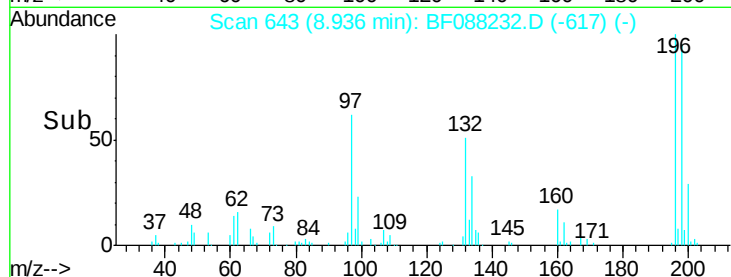
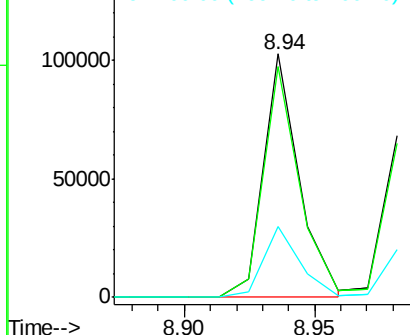
#42
2,4,6-Trichlorophenol
Concen: 31.30 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Instrument :
BNA_F
ClientSampleId :
PB91503BS

Tot Ion:196 Resp: 98266
Ion Ratio Lower Upper
196 100
198 94.6 78.0 117.0
200 28.9 25.4 38.2

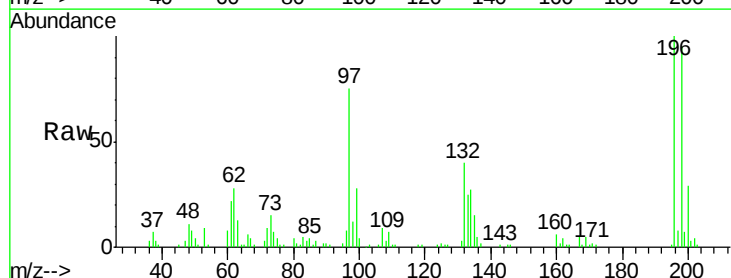


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

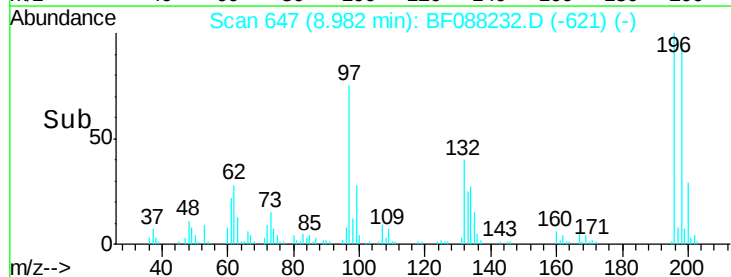
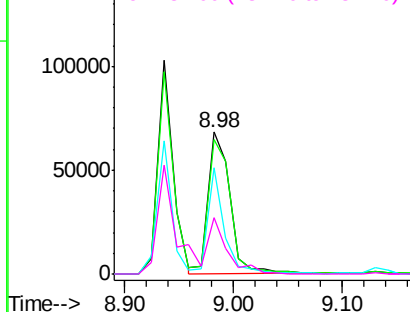


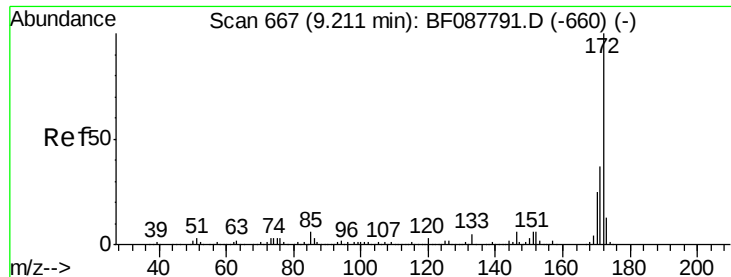
#43
2,4,5-Trichlorophenol
Concen: 29.47 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:196 Resp: 96237
Ion Ratio Lower Upper
196 100
198 95.4 77.5 116.3
97 75.4 32.0 48.0#
132 39.7 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

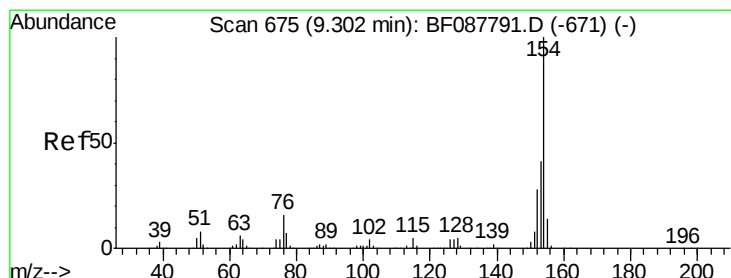
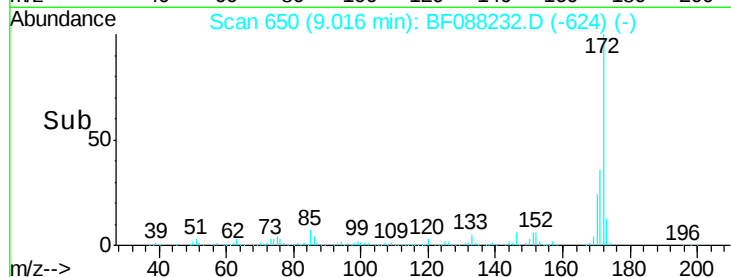
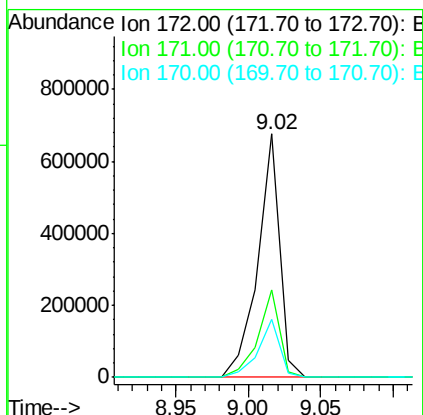
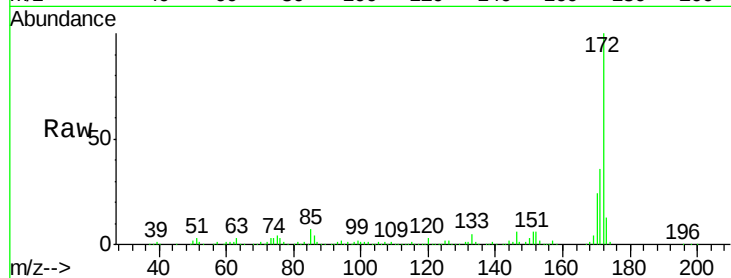




#44
2-Fluorobiphenyl
Concen: 69.66 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

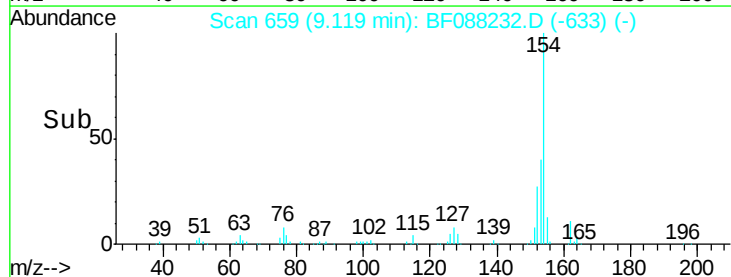
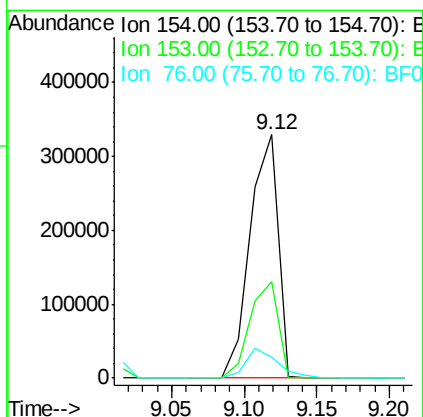
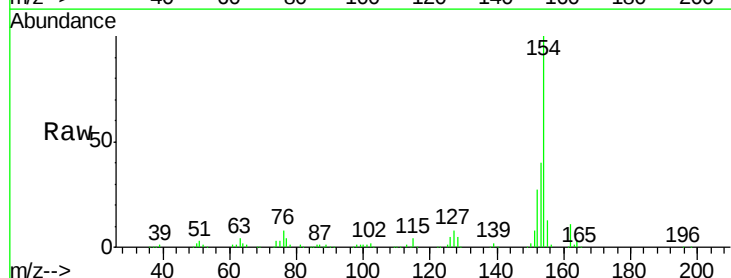
Instrument :
BNA_F
ClientSampleId :
PB91503BS

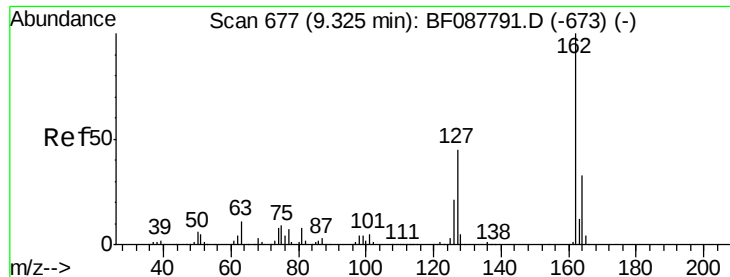
Tot Ion:172 Resp: 706115
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.7 19.2 28.8



#45
1,1'-Biphenyl
Concen: 36.36 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:154 Resp: 442500
Ion Ratio Lower Upper
154 100
153 39.7 20.6 60.6
76 8.4 0.0 35.1

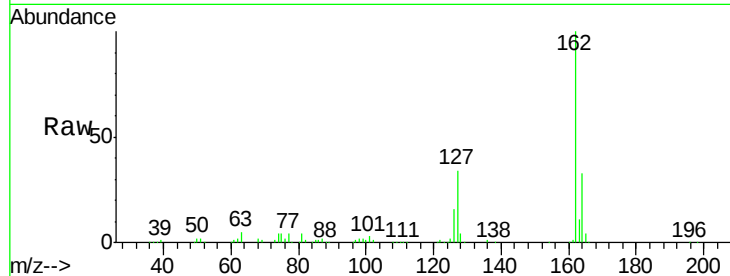




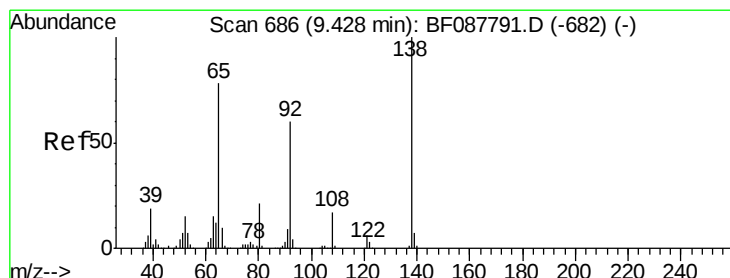
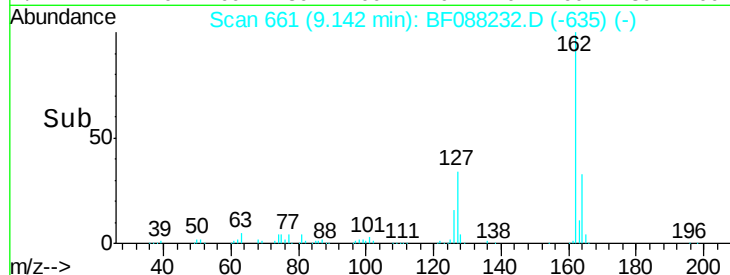
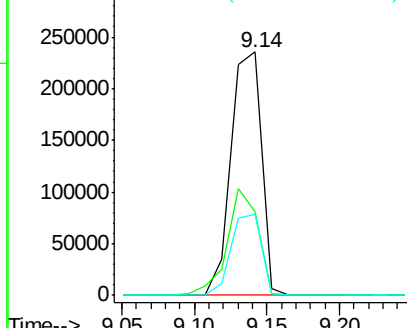
#46
 2-Chloronaphthalene
 Concen: 33.79 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

Tot Ion:162 Resp: 343224
 Ion Ratio Lower Upper
 162 100
 127 34.1 35.2 52.8#
 164 33.1 26.6 39.8

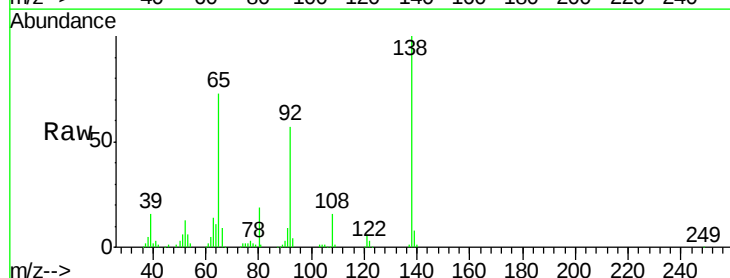


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

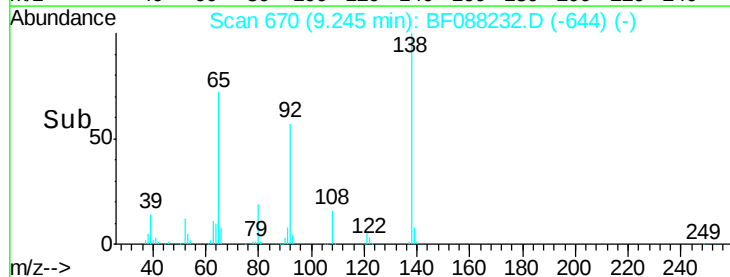
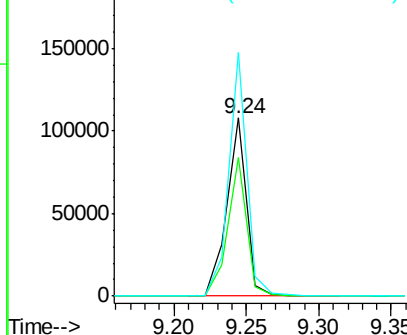


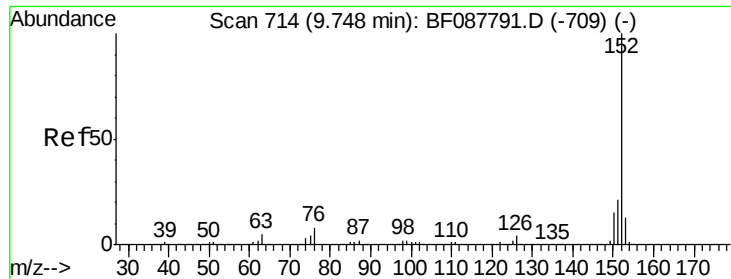
#47
 2-Nitroaniline
 Concen: 33.80 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion: 65 Resp: 101281
 Ion Ratio Lower Upper
 65 100
 92 78.1 54.6 82.0
 138 136.7 77.0 115.4#



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





#48

Acenaphthylene

Concen: 32.74 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

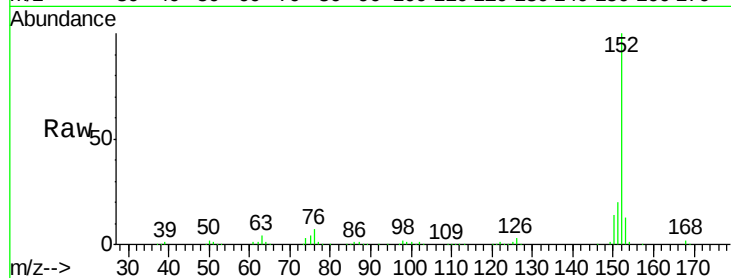
BNA_F

ClientSampleId :

PB91503BS

Tot Ion:152 Resp: 528977

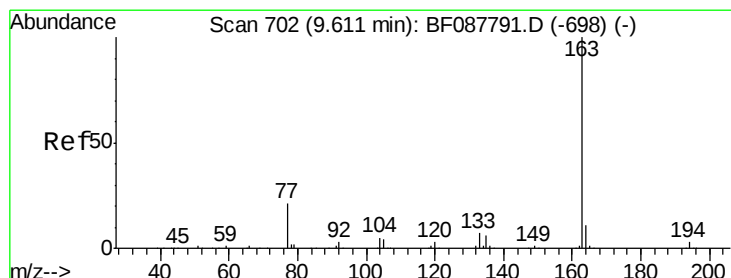
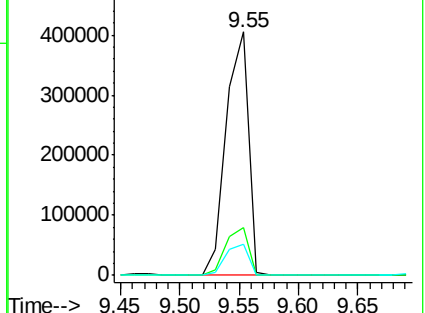
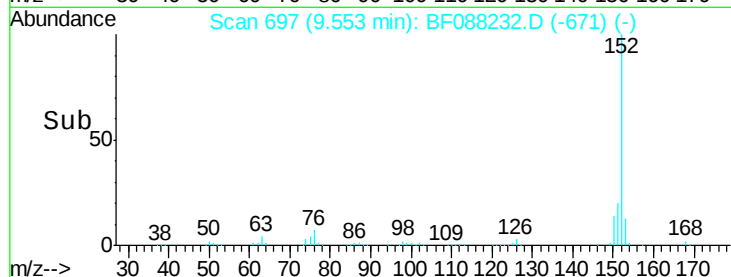
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	12.8	11.0	16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 36.70 ng

RT: 9.43 min Scan# 686

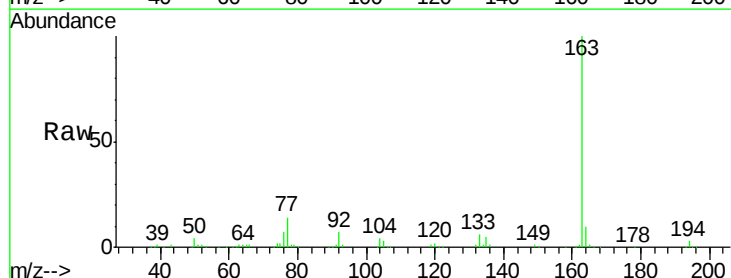
Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Tgt Ion:163 Resp: 417325

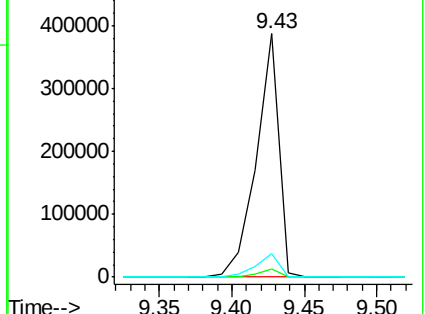
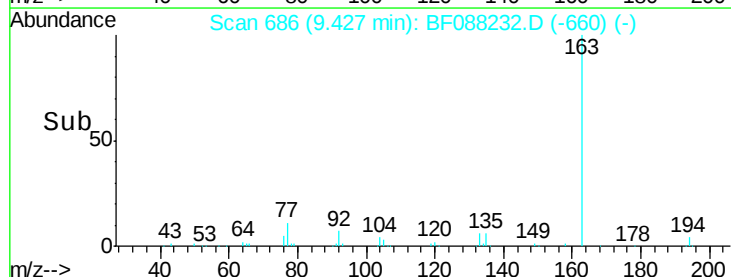
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	9.7	8.3	12.5

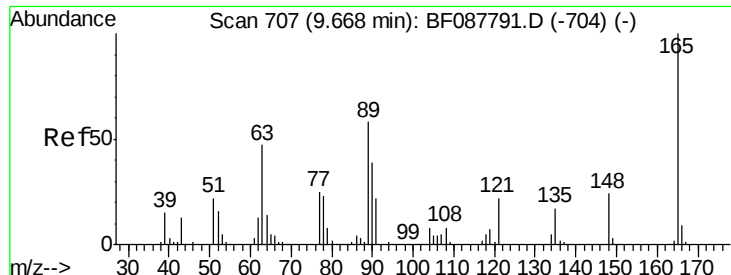


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

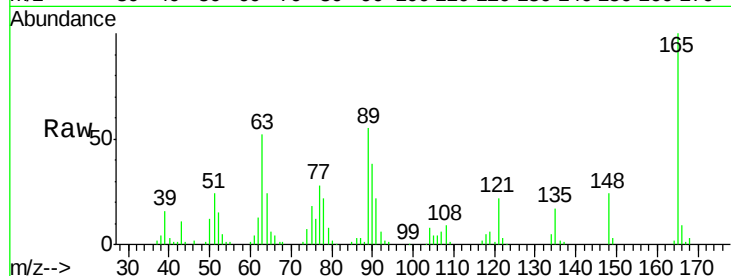




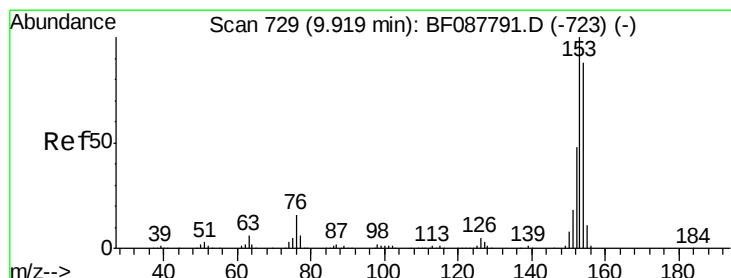
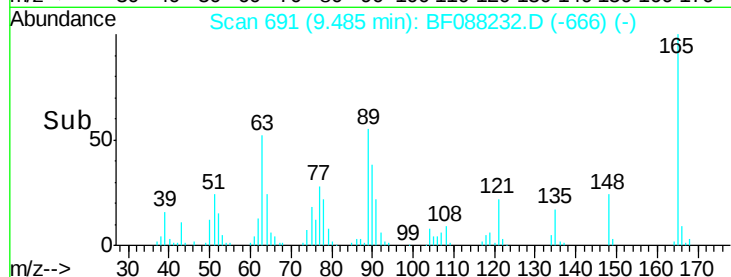
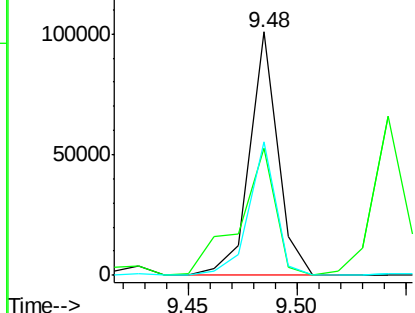
#50
2,6-Dinitrotoluene
Concen: 34.75 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Instrument :
BNA_F
ClientSampleId :
PB91503BS

Tot Ion:165 Resp: 90503
Ion Ratio Lower Upper
165 100
63 52.2 28.1 42.1#
89 55.0 32.2 48.2#

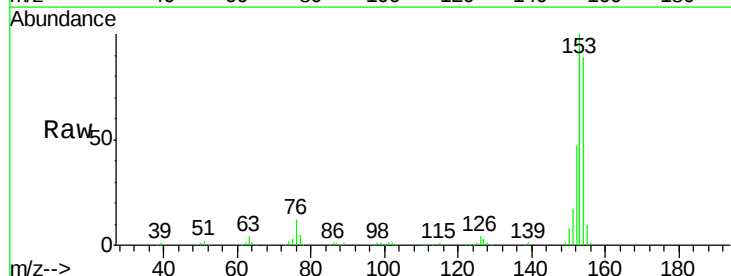


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

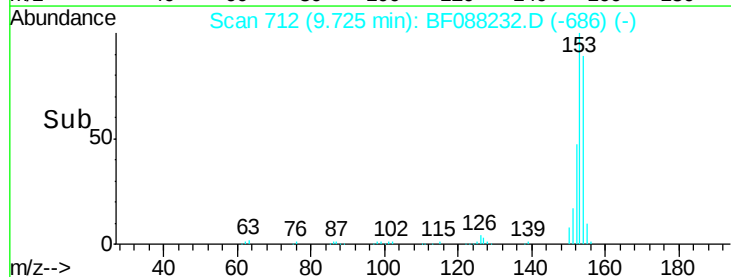
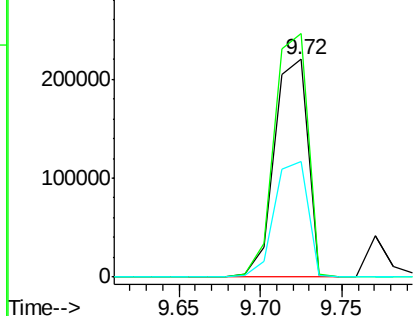


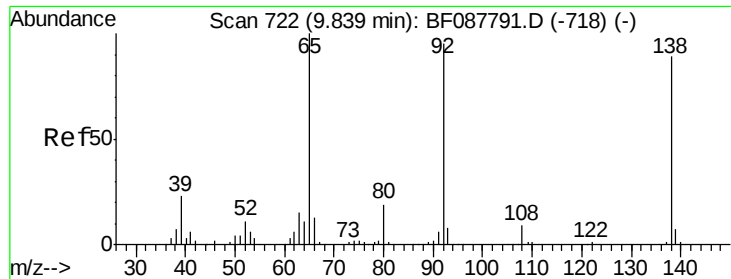
#51
Acenaphthene
Concen: 31.32 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:154 Resp: 315693
Ion Ratio Lower Upper
154 100
153 111.8 89.5 134.3
152 53.1 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

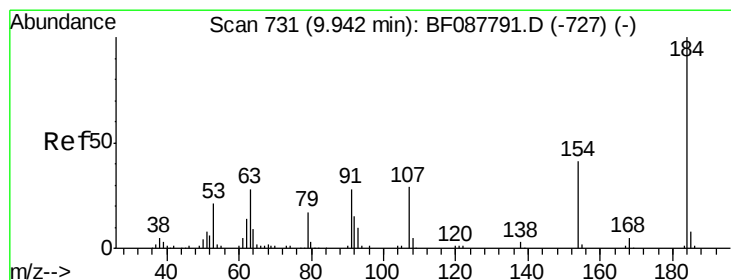
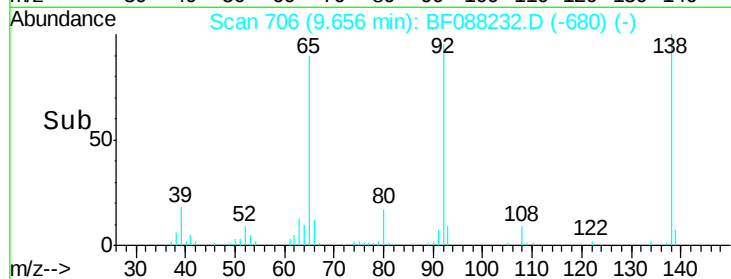
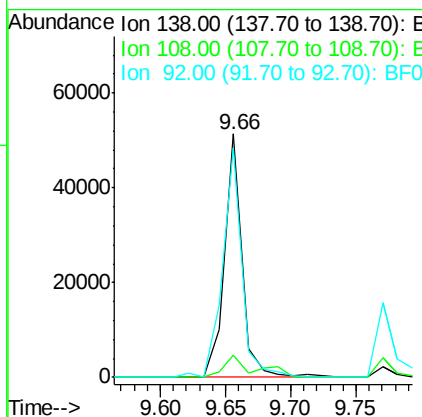
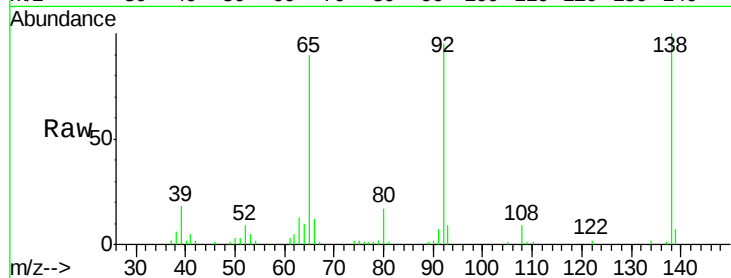




#52
 3-Nitroaniline
 Concen: 16.15 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

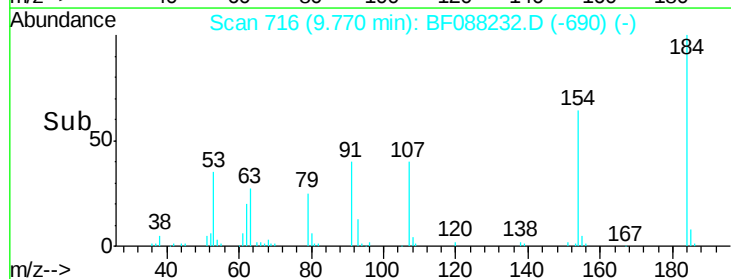
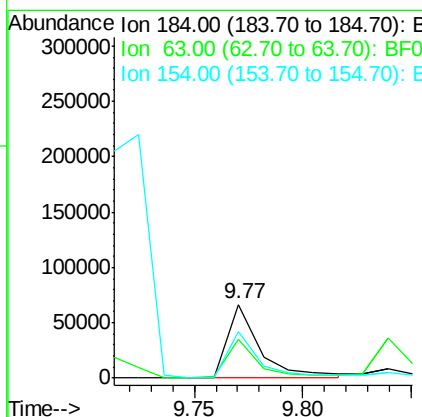
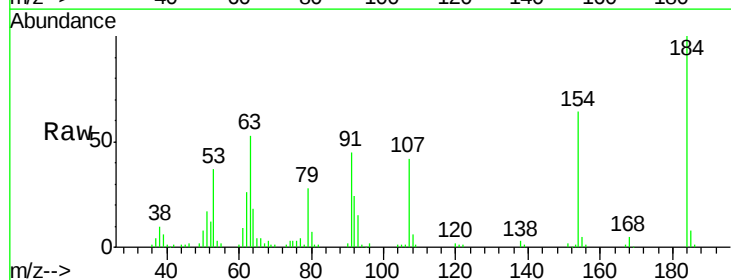
Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

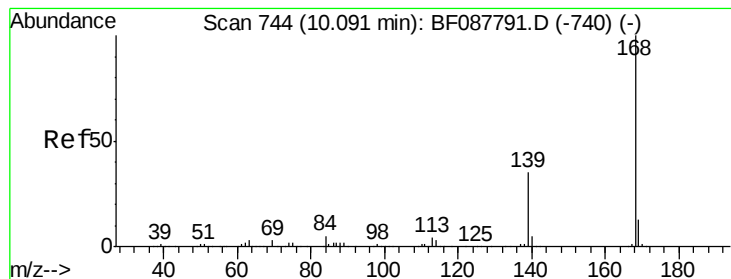
Tot Ion:138 Resp: 48535
 Ion Ratio Lower Upper
 138 100
 108 8.9 8.5 12.7
 92 94.5 95.7 143.5#



#53
 2,4-Dinitrophenol
 Concen: 53.73 ng
 RT: 9.77 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion:184 Resp: 69735
 Ion Ratio Lower Upper
 184 100
 63 52.6 57.6 86.4#
 154 63.7 53.5 80.3





#54

Dibenzofuran

Concen: 33.69 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

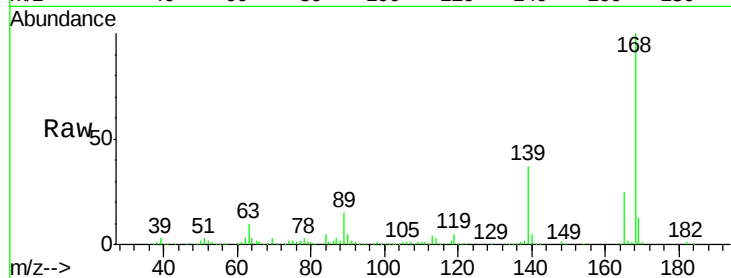
Tot Ion:168 Resp: 467711

Ion Ratio Lower Upper

168 100

139 36.5 26.4 39.6

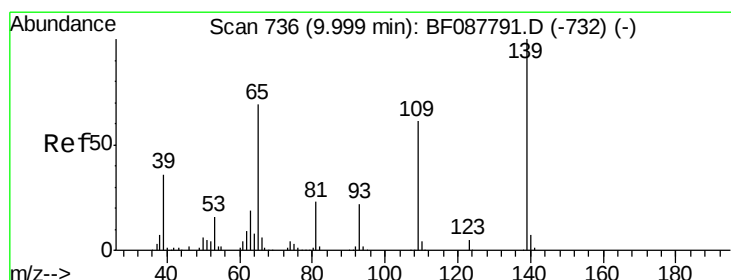
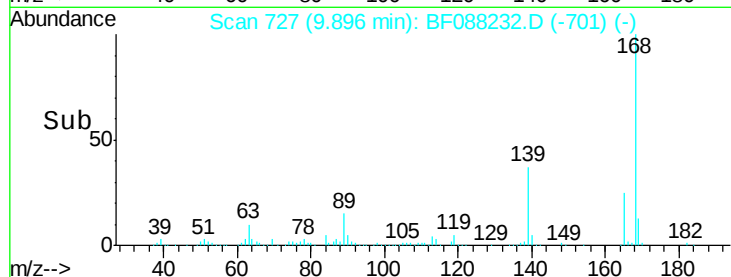
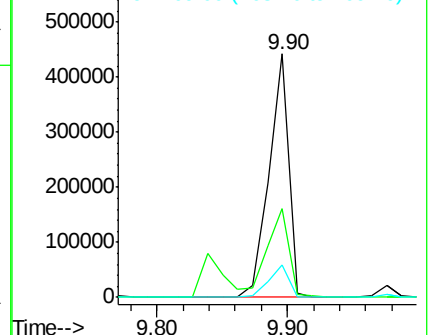
169 13.1 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 39.47 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

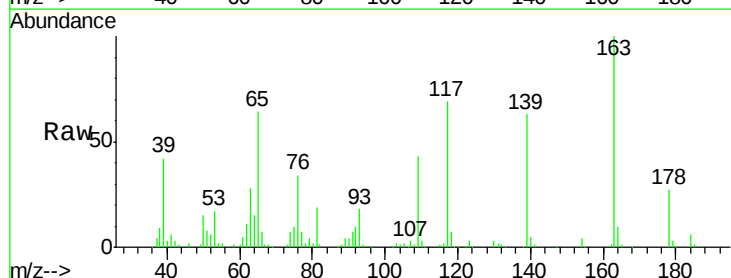
Tgt Ion:139 Resp: 92057

Ion Ratio Lower Upper

139 100

109 67.5 48.9 88.9

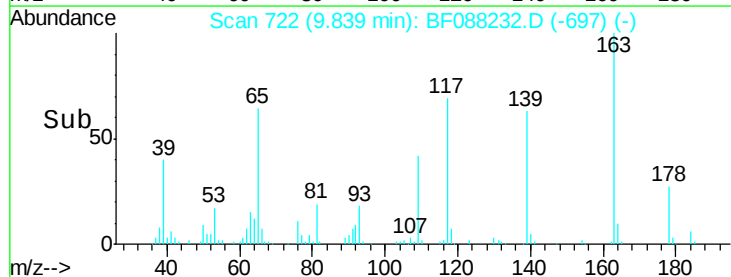
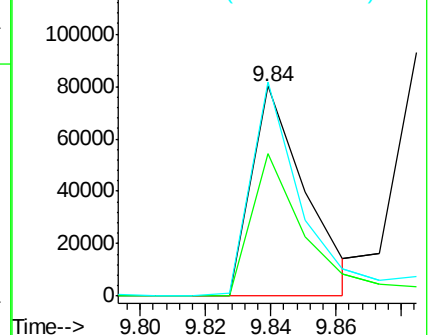
65 101.7 84.9 124.9

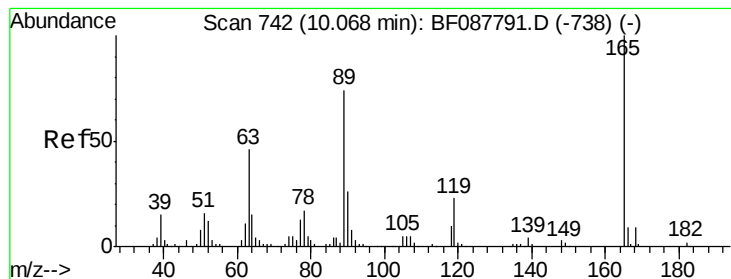


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 33.84 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

Tot Ion:165 Resp: 113263

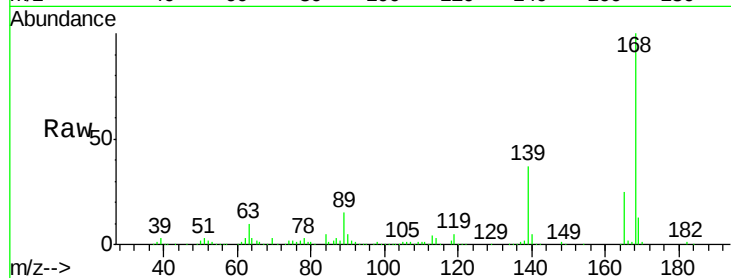
Ion Ratio Lower Upper

165 100

63 38.0 22.0 33.0#

89 58.9 41.1 61.7

182 2.4 2.0 3.0

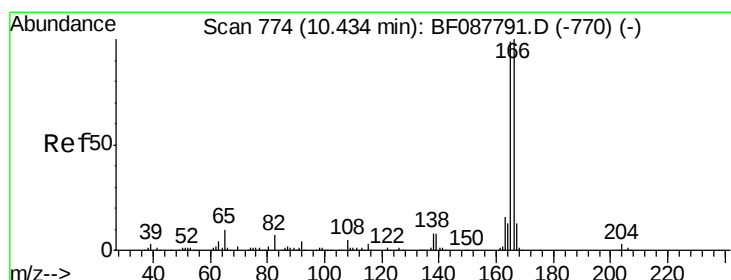
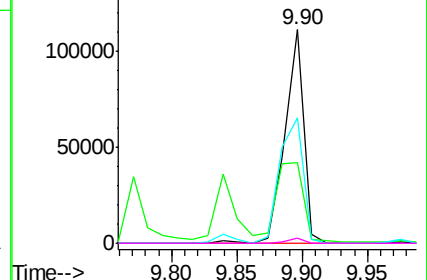
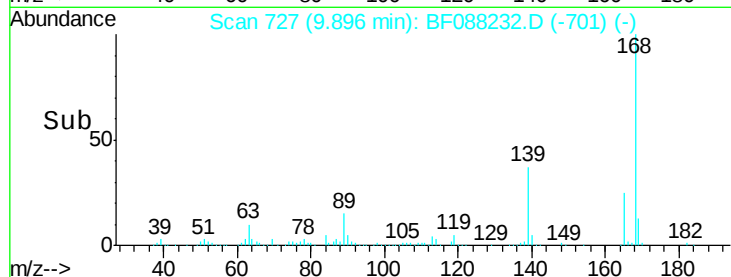


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 38.38 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

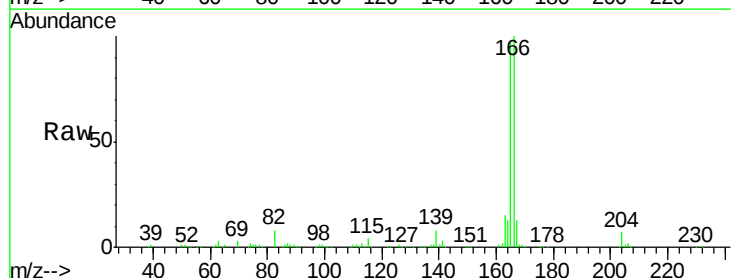
Tgt Ion:166 Resp: 366686

Ion Ratio Lower Upper

166 100

165 97.5 77.8 116.8

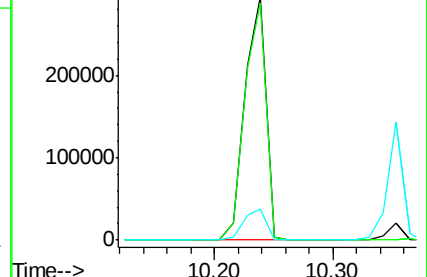
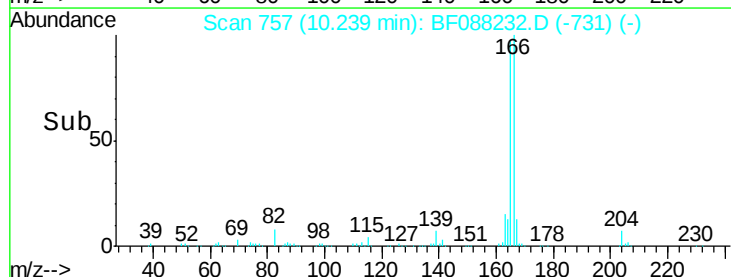
167 12.9 11.2 16.8

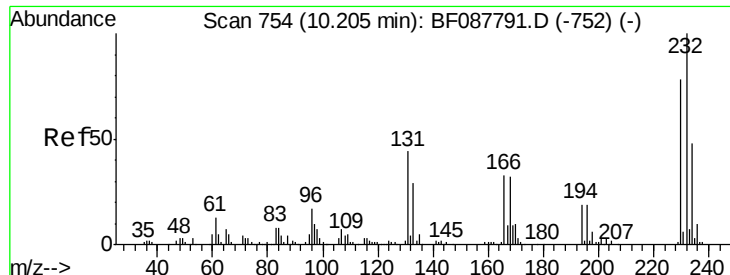


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

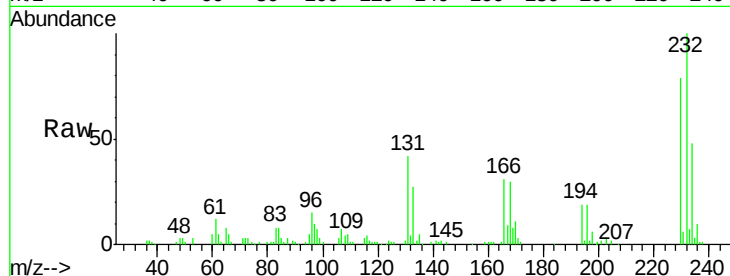




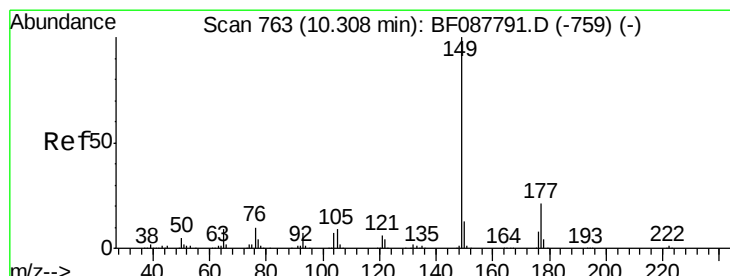
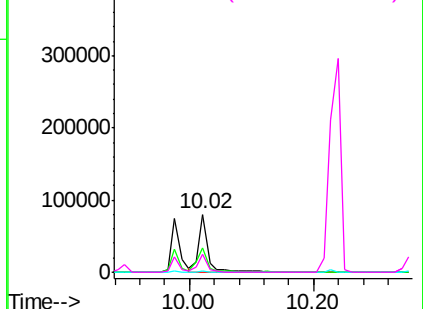
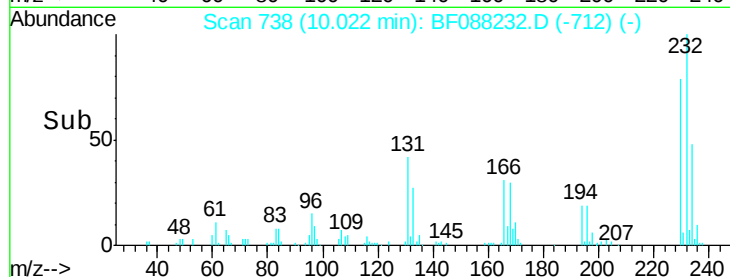
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.00 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

Tot Ion:232 Resp: 84711
 Ion Ratio Lower Upper
 232 100
 131 46.6 0.9 1.3#
 130 2.0 1.5 2.3
 166 29.9 0.5 0.7#

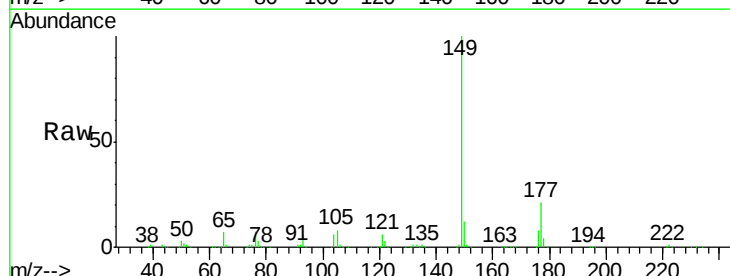


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

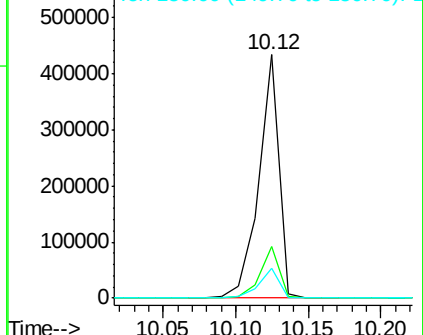
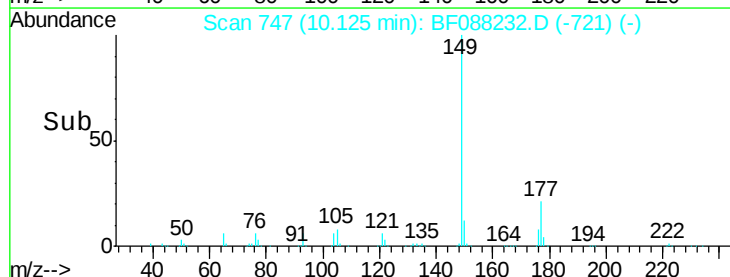


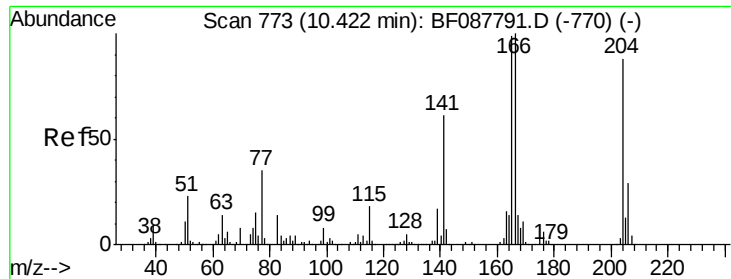
#59
 Diethylphthalate
 Concen: 36.15 ng
 RT: 10.12 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion:149 Resp: 416128
 Ion Ratio Lower Upper
 149 100
 177 21.4 16.9 25.3
 150 12.1 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

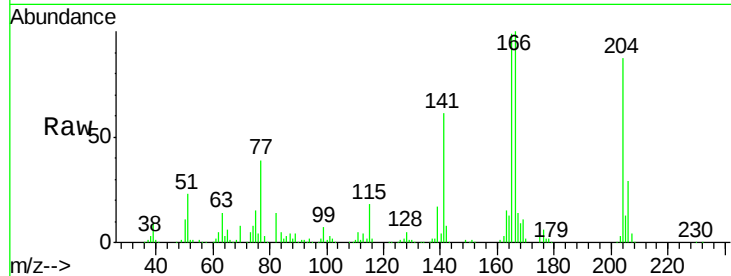




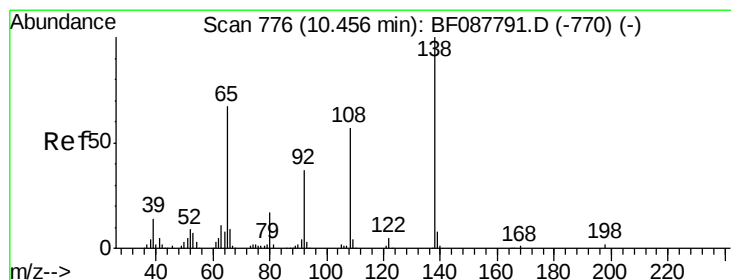
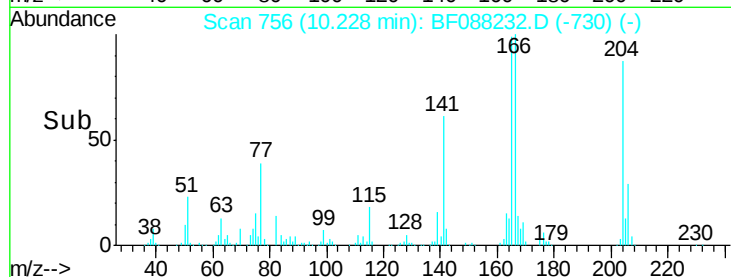
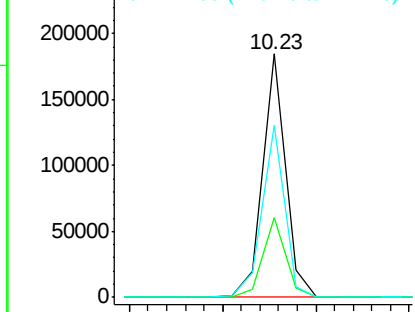
#60
4-Chlorophenyl-phenylether
Concen: 33.70 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Instrument :
BNA_F
ClientSampleId :
PB91503BS

Tot Ion:204 Resp: 155576
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 70.5 55.0 82.6

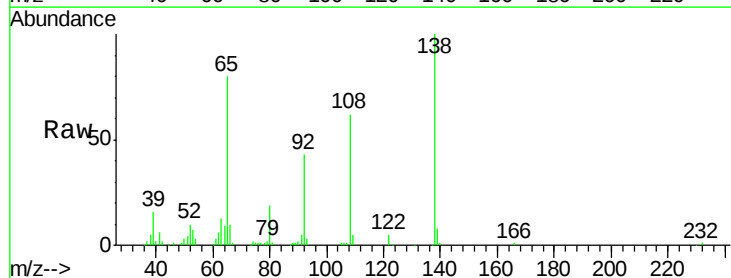


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

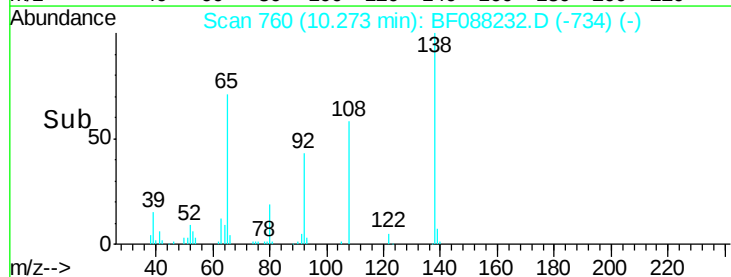
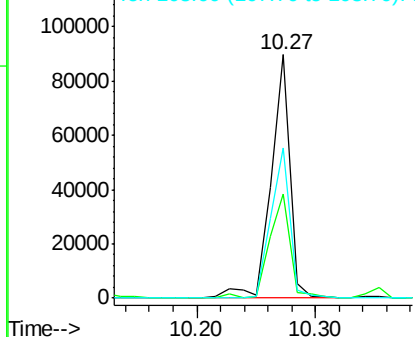


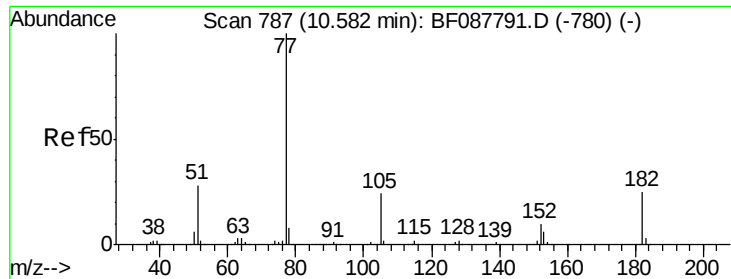
#61
4-Nitroaniline
Concen: 34.74 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:138 Resp: 99024
Ion Ratio Lower Upper
138 100
92 42.6 27.3 67.3
108 61.6 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: 34.82 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

Tot Ion: 77 Resp: 396378

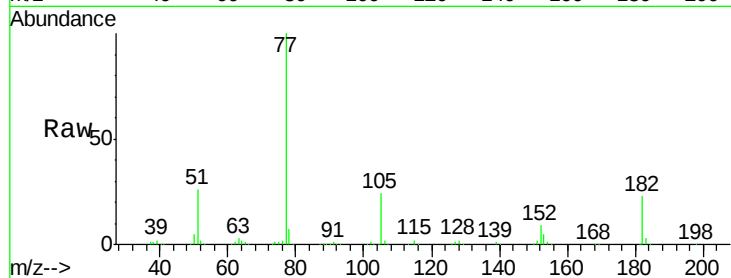
Ion Ratio Lower Upper

77 100

182 23.0 4.4 44.4

105 24.1 3.8 43.8

51 25.5 9.3 49.3

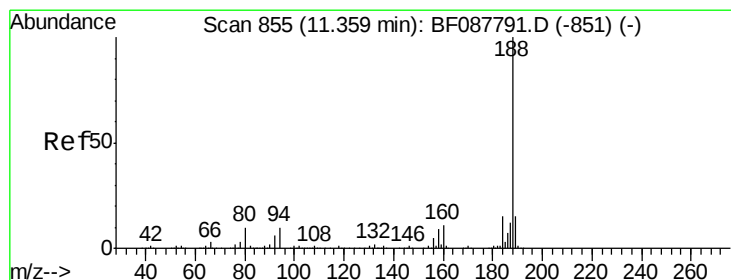
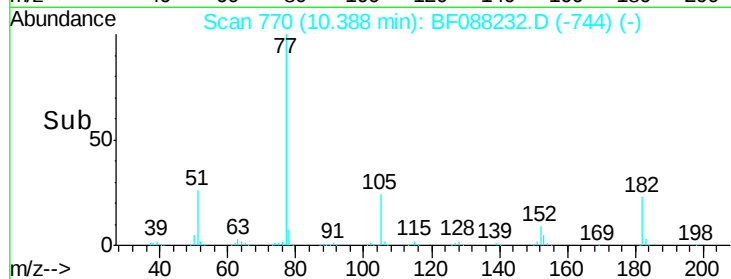
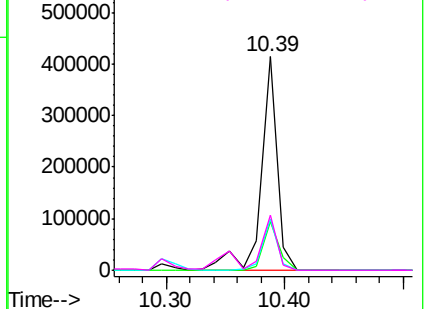


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF088232.D

Acq: 22 Jun 2016 00:37

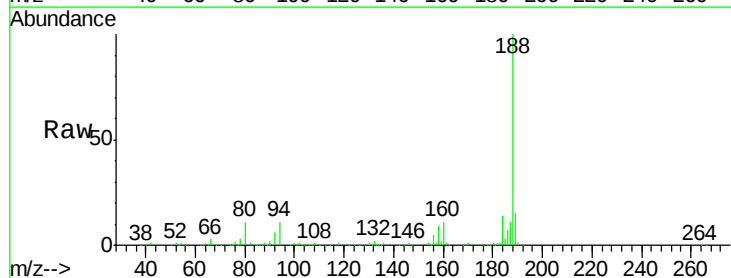
Tgt Ion: 188 Resp: 278068

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.6

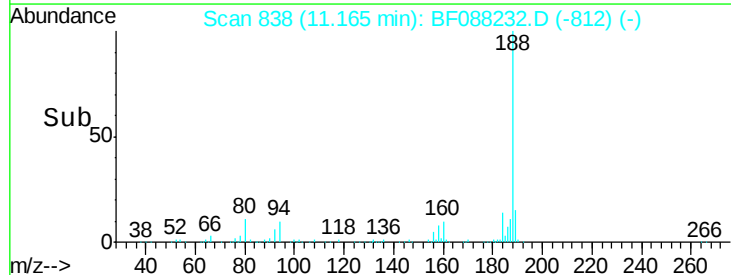
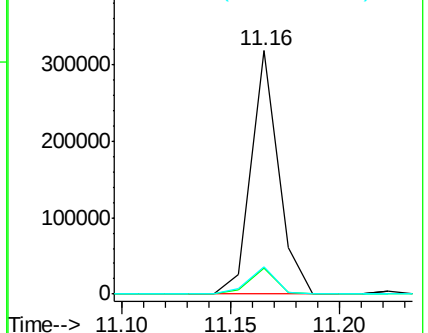
80 11.0 10.0 15.0

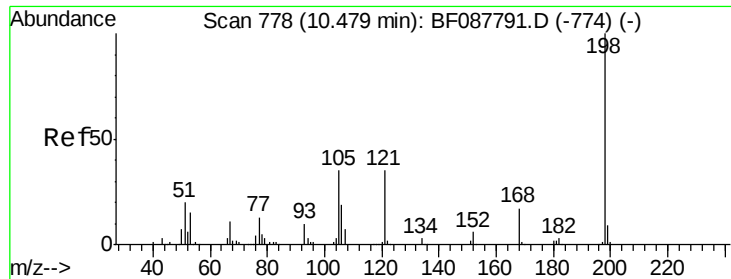


Abundance Ion 188.00 (187.70 to 188.70): E

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: 32.28 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampled :

PB91503BS

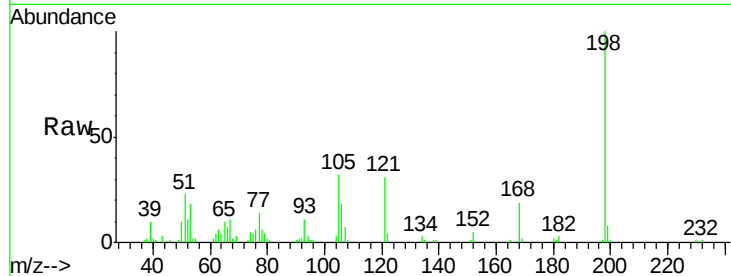
Tot Ion:198 Resp: 54757

Ion Ratio Lower Upper

198 100

51 22.8 39.6 79.6#

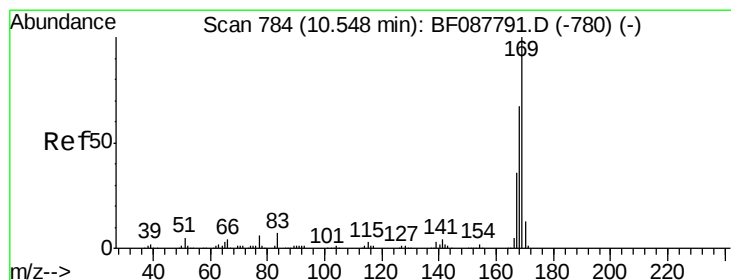
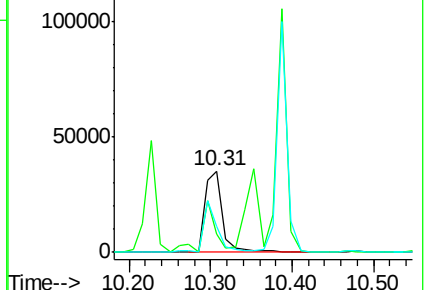
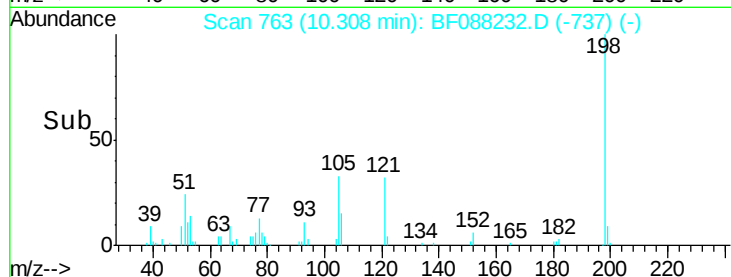
105 32.2 36.6 76.6#



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: 37.71 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

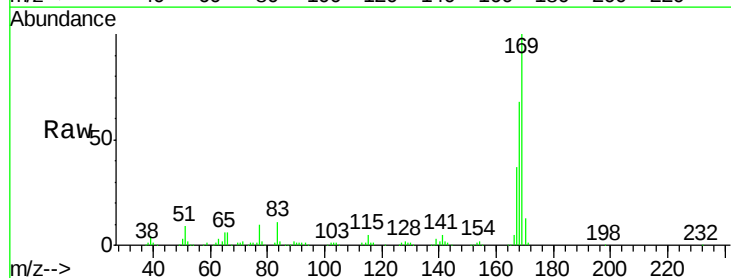
Tgt Ion:169 Resp: 347972

Ion Ratio Lower Upper

169 100

168 67.8 53.4 80.0

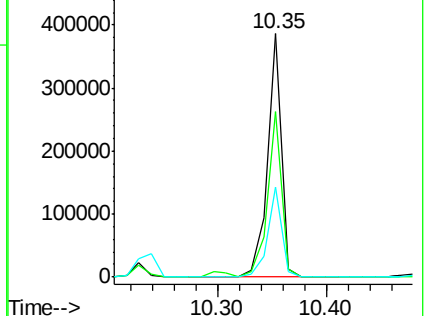
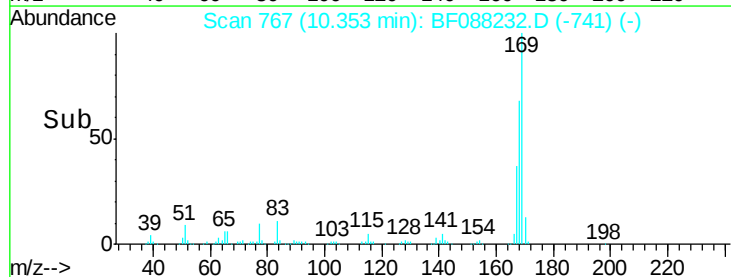
167 37.1 29.4 44.0



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

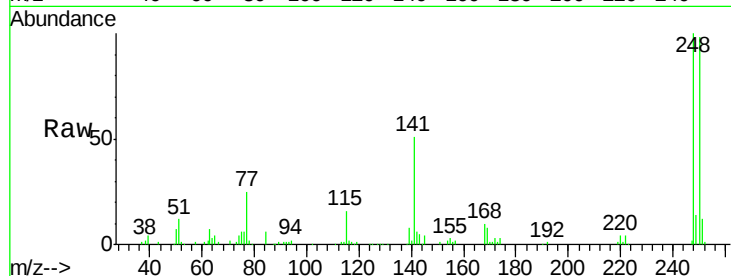




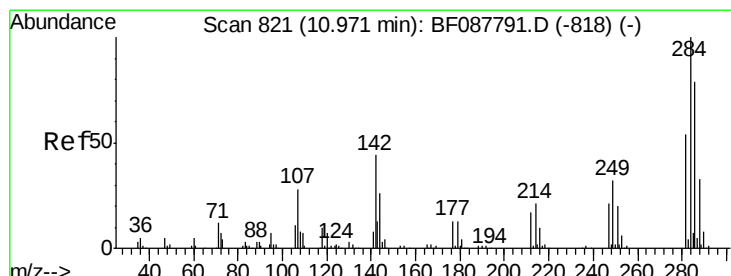
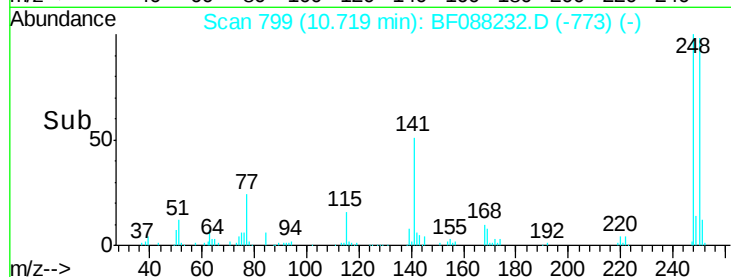
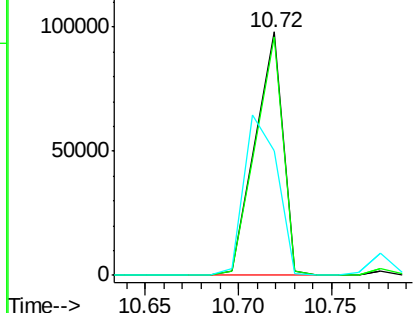
#66
 4-Bromophenyl-phenylether
 Concen: 34.40 ng
 RT: 10.72 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Instrument :
 BNA_F
 ClientSampled :
 PB91503BS

Tot Ion:248 Resp: 102620
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.1 115.7
 141 51.1 50.6 76.0

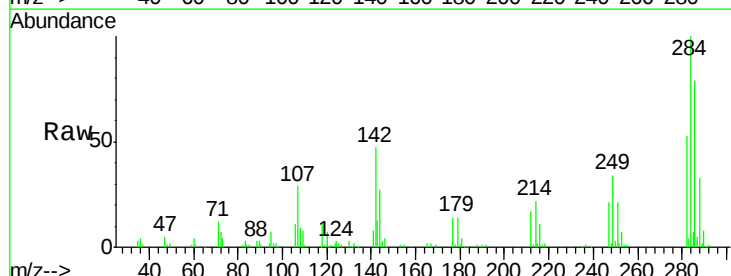


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

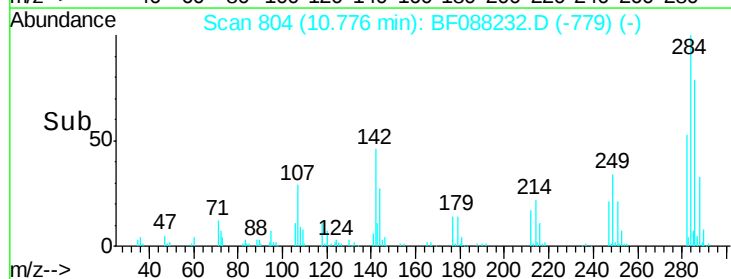
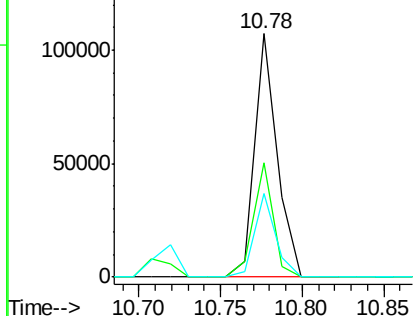


#67
 Hexachlorobenzene
 Concen: 33.21 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion:284 Resp: 102946
 Ion Ratio Lower Upper
 284 100
 142 46.8 35.8 53.8
 249 34.2 25.8 38.6



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

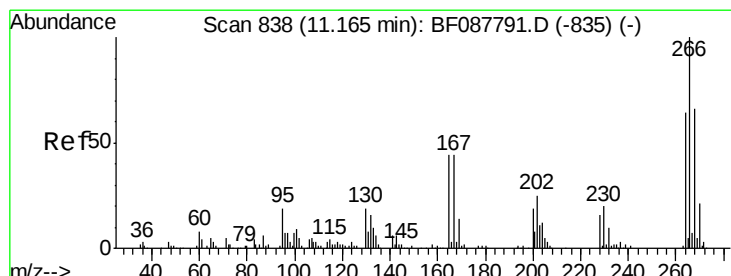
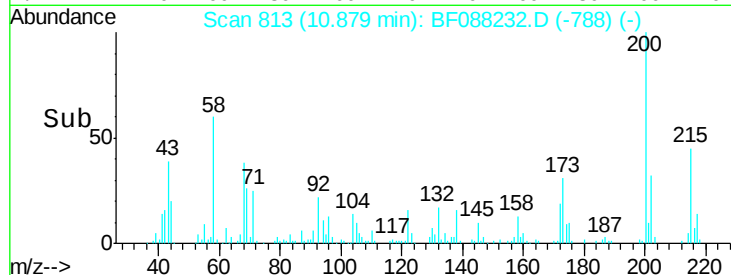
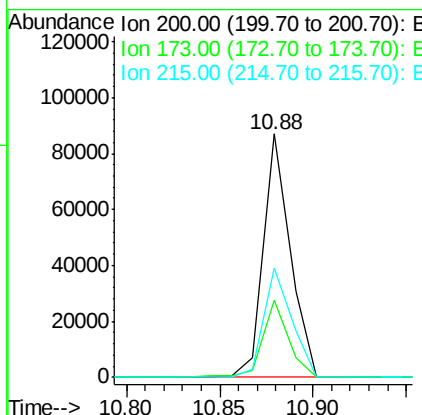
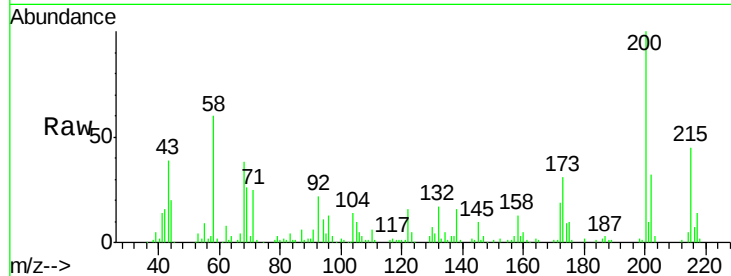




#68
Atrazine
Concen: 30.80 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

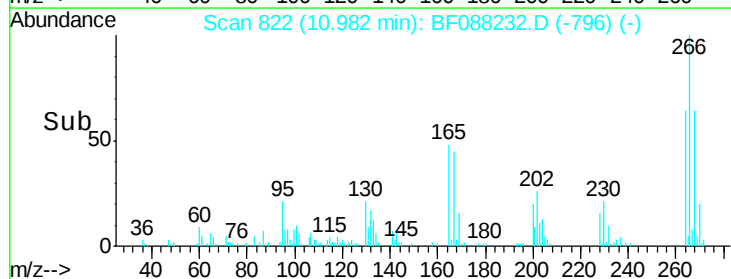
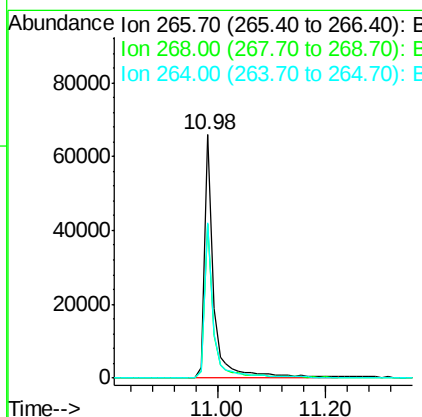
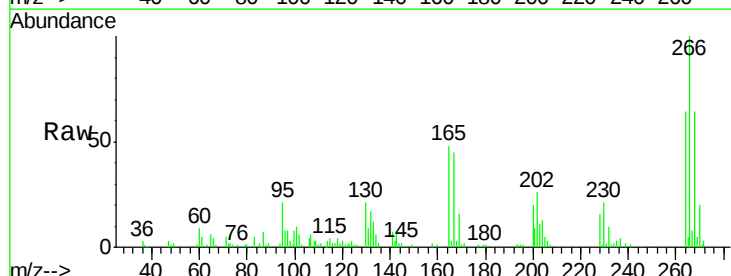
Instrument :
BNA_F
ClientSampleId :
PB91503BS

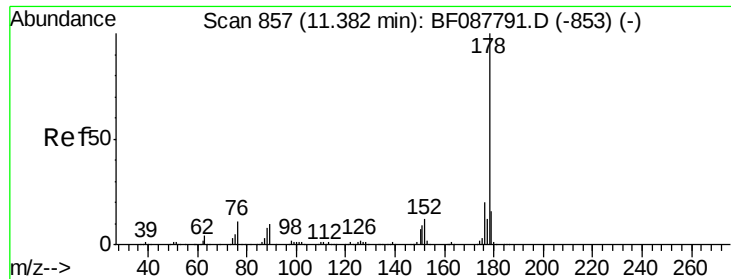
Tot Ion:200 Resp: 86052
Ion Ratio Lower Upper
200 100
173 31.5 4.0 44.0
215 44.9 29.3 69.3



#69
Pentachlorophenol
Concen: 48.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:266 Resp: 78426
Ion Ratio Lower Upper
266 100
268 63.5 52.8 79.2
264 63.6 49.6 74.4

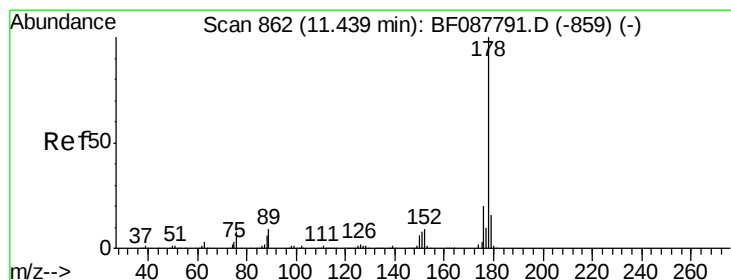
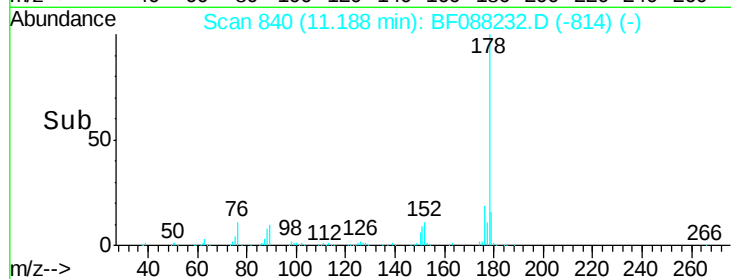
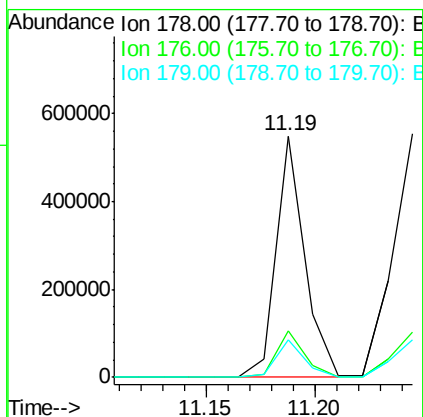
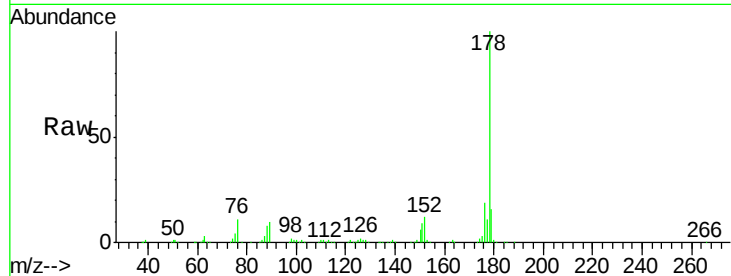




#70
Phenanthrene
Concen: 34.63 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

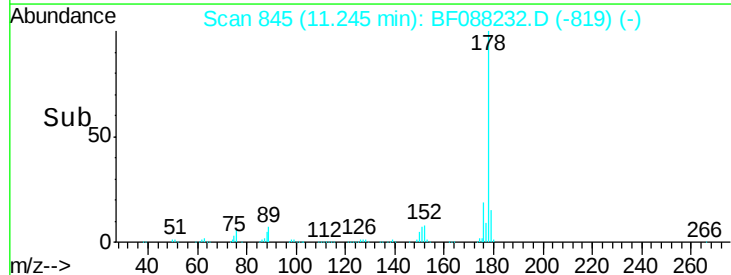
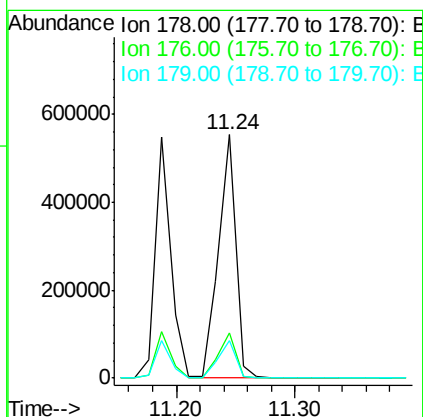
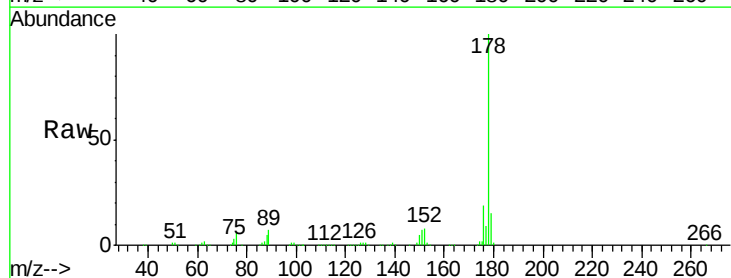
Instrument :
BNA_F
ClientSampleId :
PB91503BS

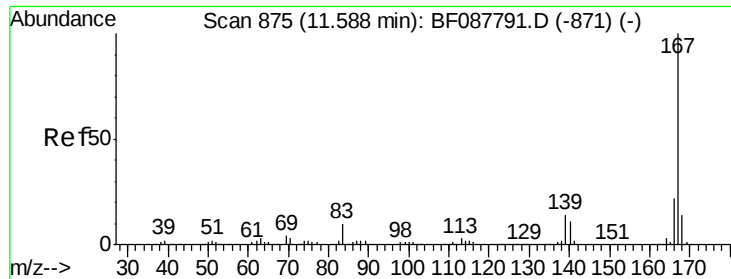
Tot Ion:178 Resp: 505322
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.7 13.0 19.4



#71
Anthracene
Concen: 37.69 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:178 Resp: 554760
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.3 12.8 19.2





#72

Carbazole

Concen: 38.87 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

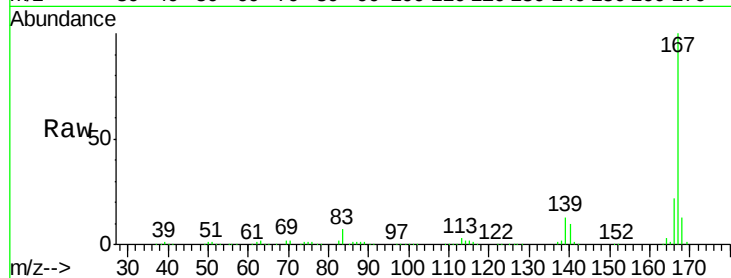
Tot Ion:167 Resp: 535358

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

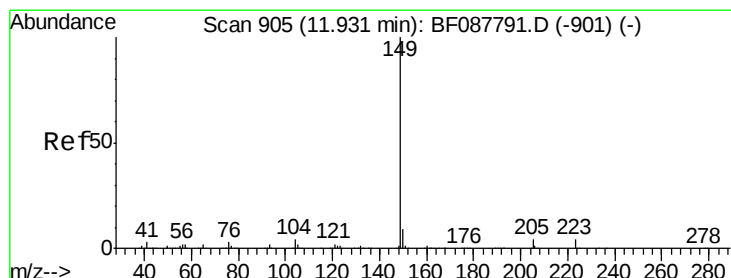
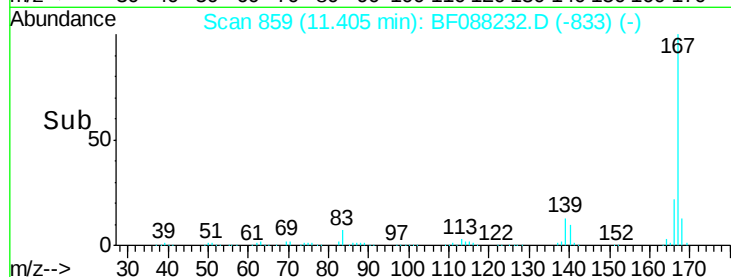
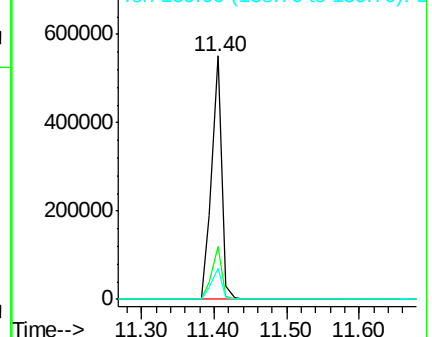
139 12.6 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.16 ng

RT: 11.74 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

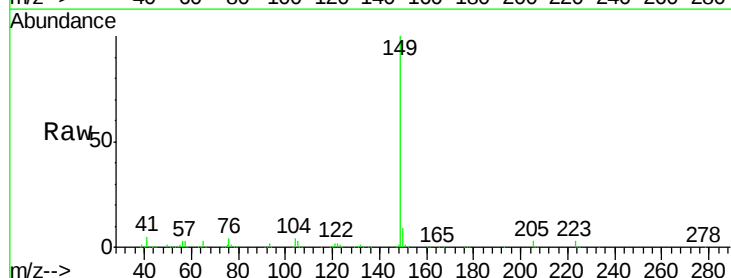
Tgt Ion:149 Resp: 630512

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

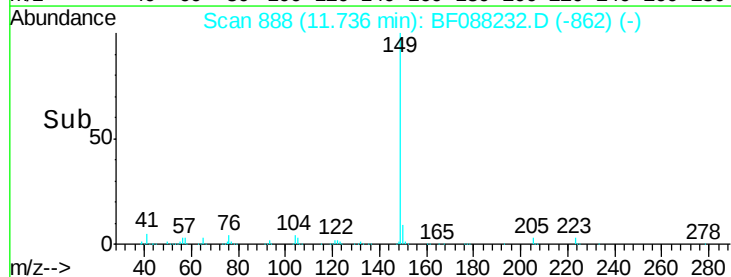
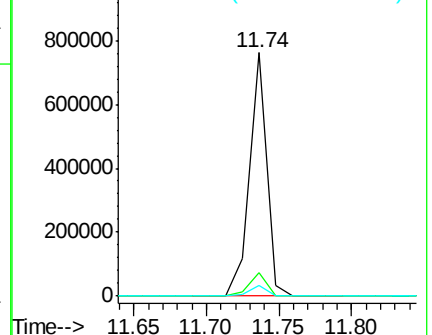
104 4.5 4.0 6.0

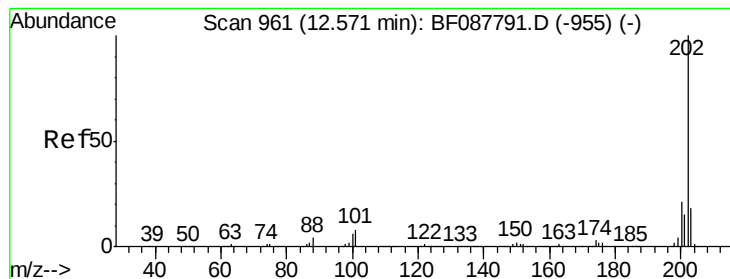


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 35.73 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

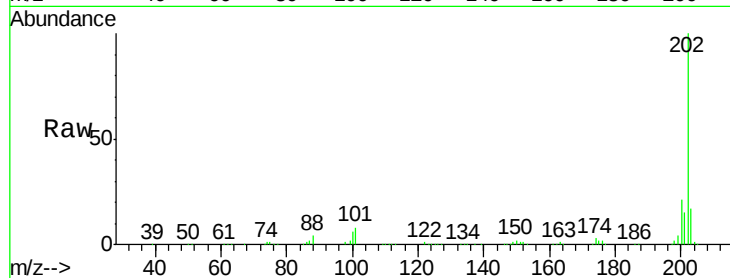
Tot Ion:202 Resp: 550157

Ion Ratio Lower Upper

202 100

101 8.5 0.0 33.1

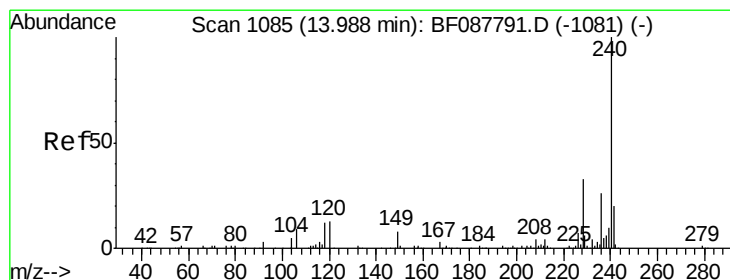
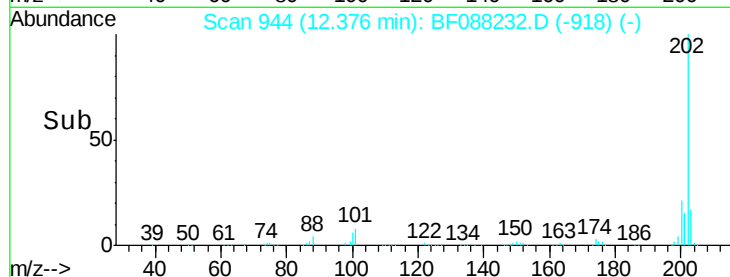
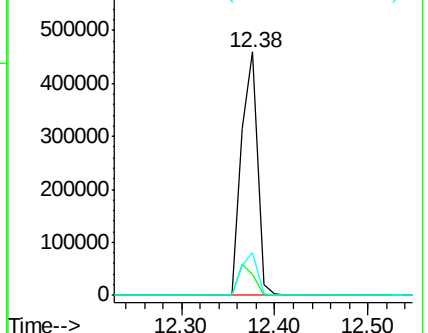
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

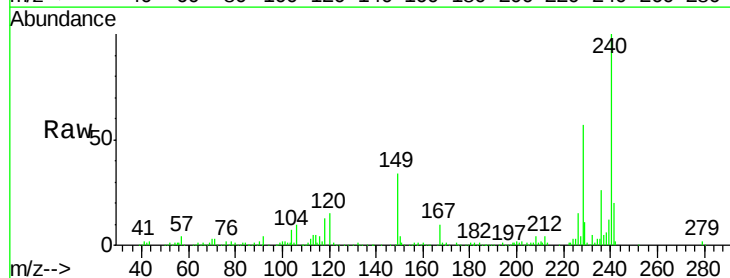
Tgt Ion:240 Resp: 208217

Ion Ratio Lower Upper

240 100

120 14.5 6.8 10.2#

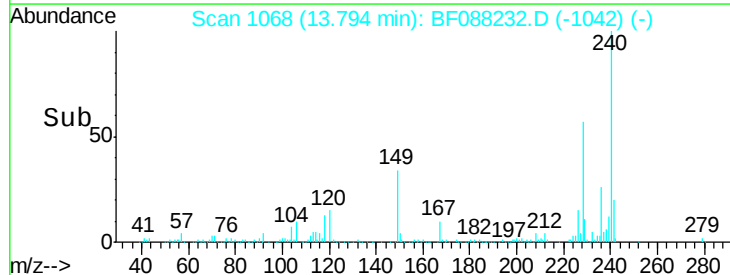
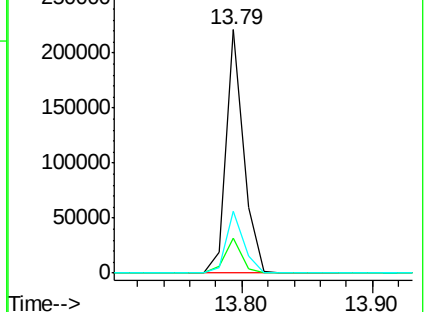
236 25.7 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

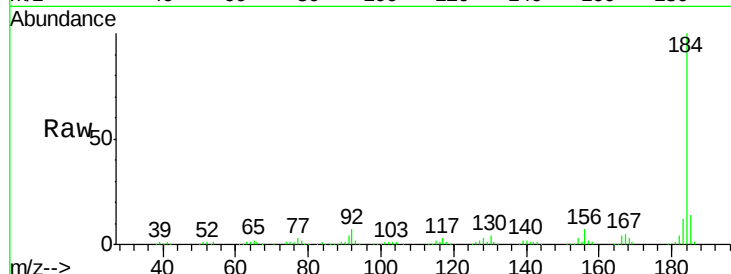




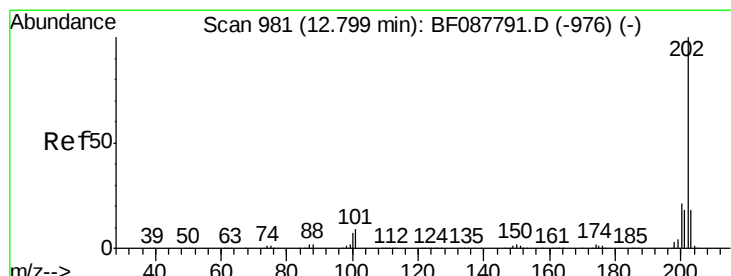
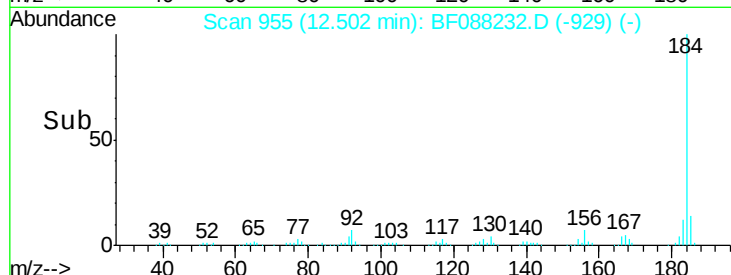
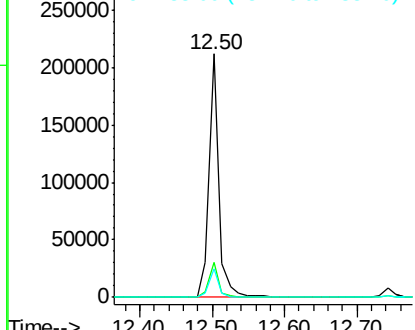
#76
Benzidine
Concen: 34.72 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Instrument :
BNA_F
ClientSampled :
PB91503BS

Tot Ion:184 Resp: 200197
Ion Ratio Lower Upper
184 100
185 14.4 12.5 18.7
183 11.6 9.3 13.9

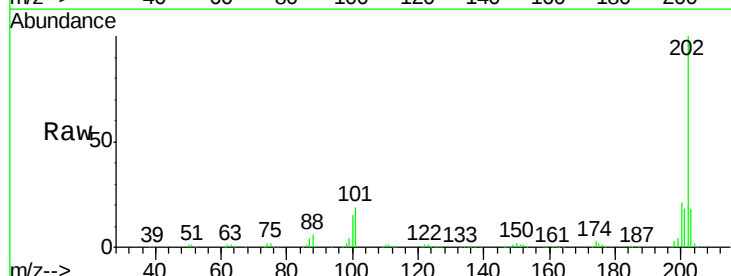


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

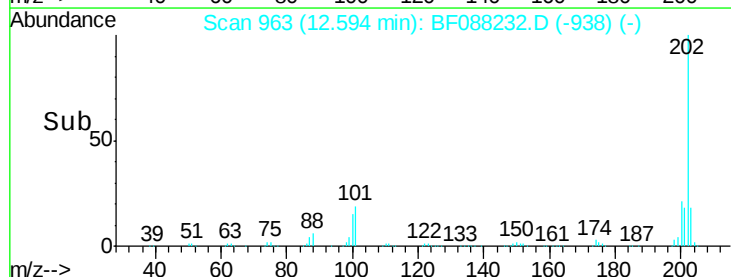
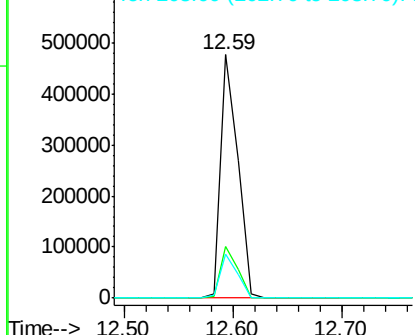


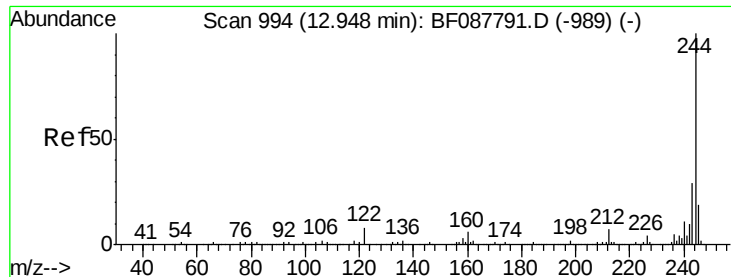
#77
Pyrene
Concen: 34.13 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:202 Resp: 527333
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.9 14.5 21.7



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

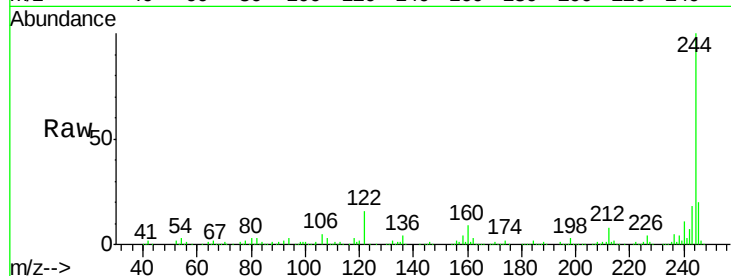




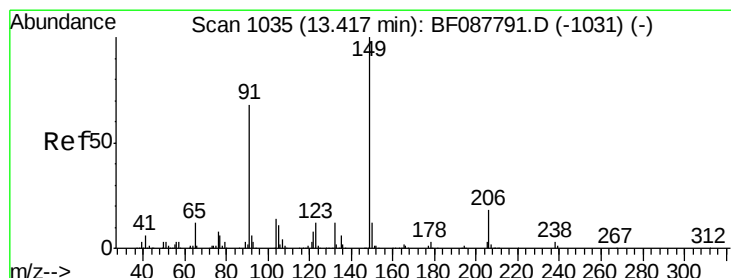
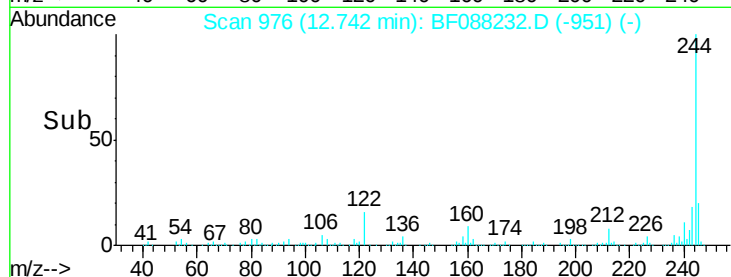
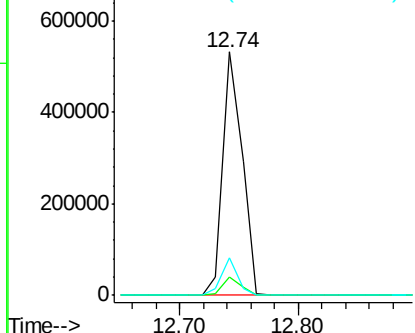
#78
 Terphenyl-d14
 Concen: 65.32 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

Tot Ion:244 Resp: 597655
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 15.6 11.2 16.8

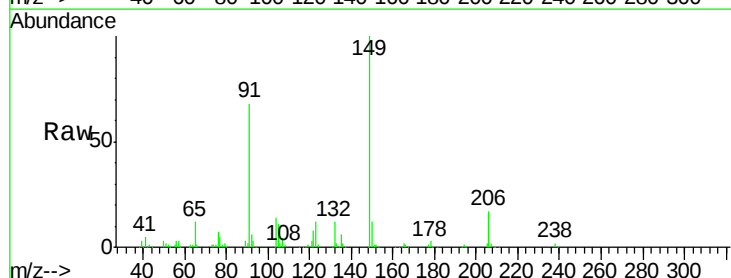


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

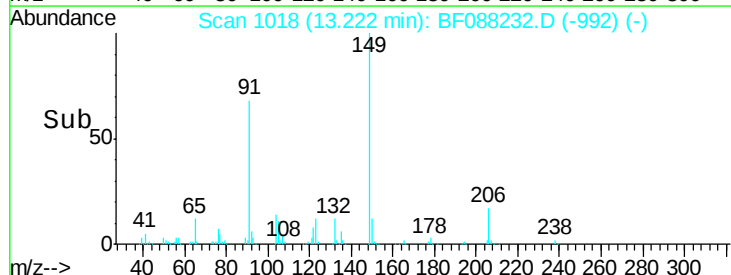
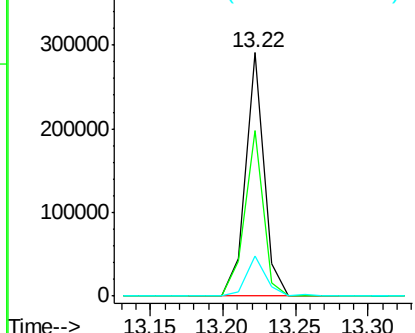


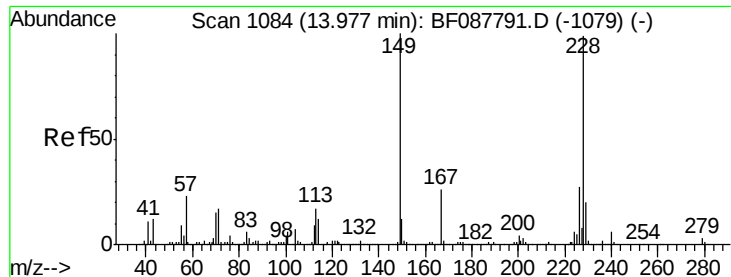
#79
 Butylbenzylphthalate
 Concen: 37.67 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion:149 Resp: 257320
 Ion Ratio Lower Upper
 149 100
 91 68.0 48.0 72.0
 206 16.7 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

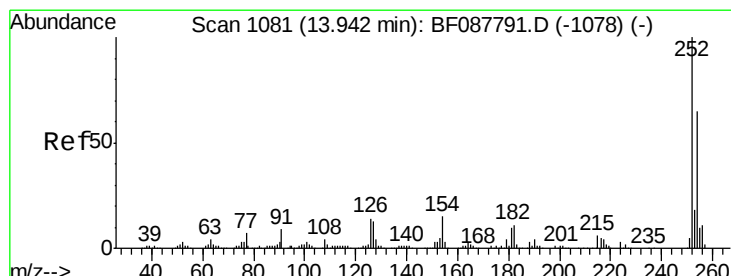
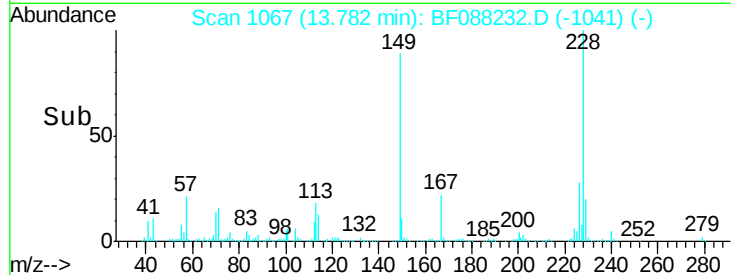
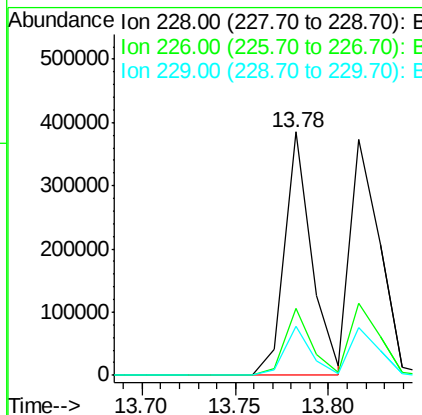
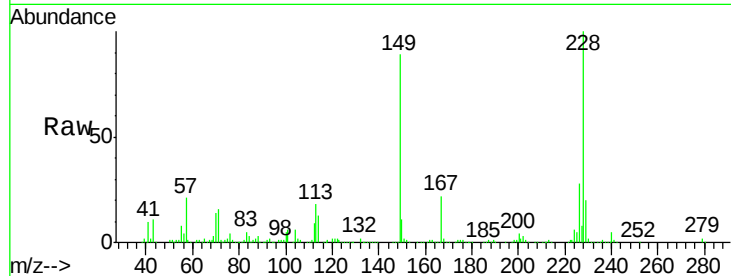




#80
 Benzo(a)anthracene
 Concen: 32.79 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

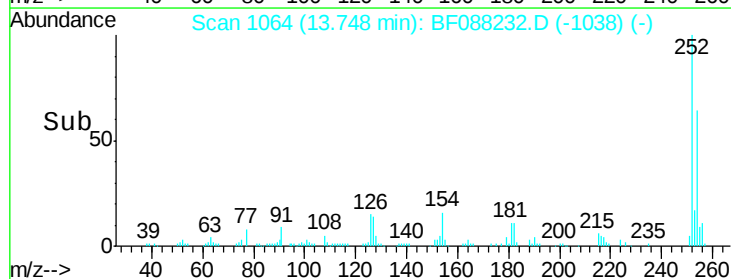
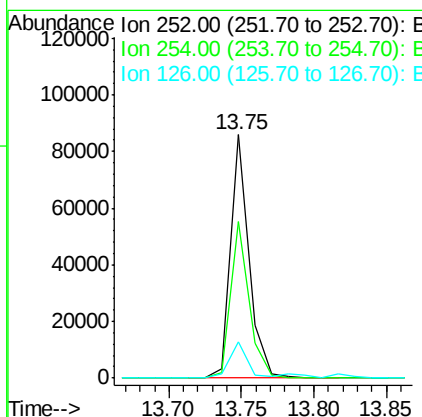
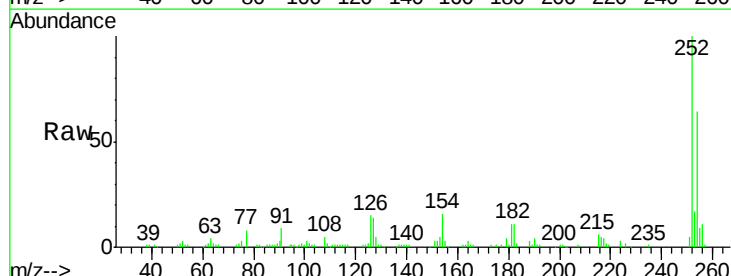
Instrument :
 BNA_F
 ClientSampleId :
 PB91503BS

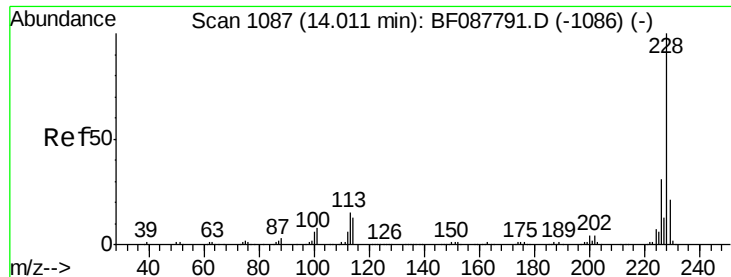
Tot Ion:	228	Resp:	389043
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.0	16.0	24.0



#81
 3,3'-Dichlorobenzidine
 Concen: 23.71 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion:	252	Resp:	75641
Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.6	78.8
126	14.7	6.2	9.2#

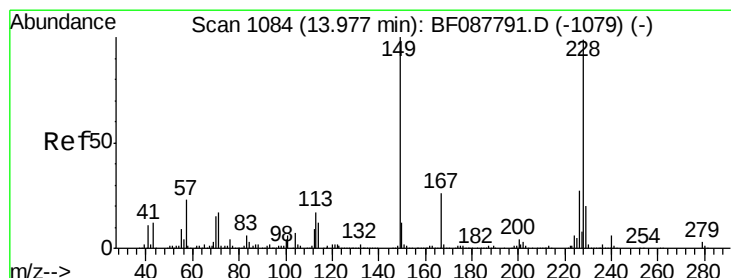
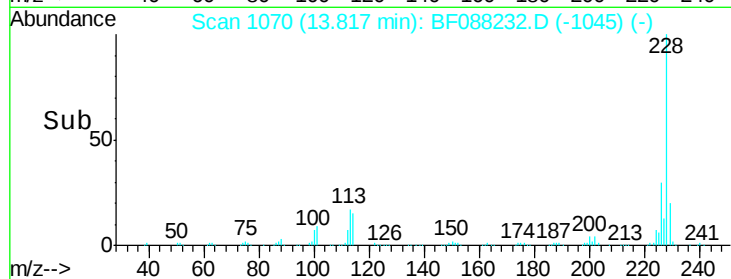
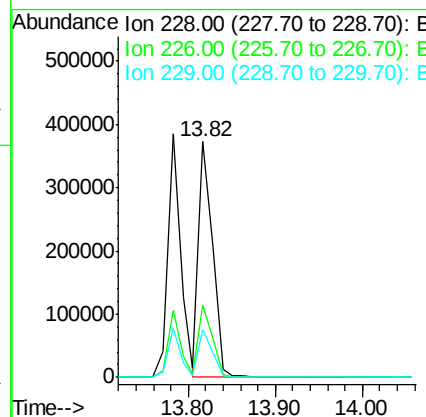
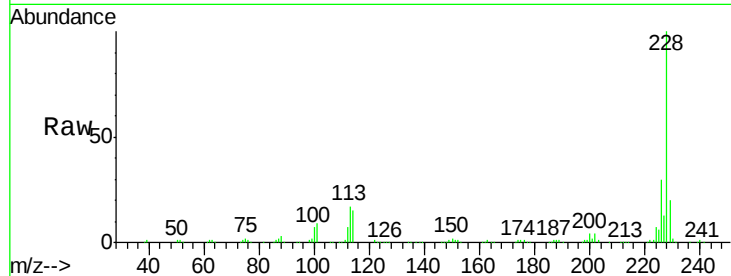




#82
 Chrysene
 Concen: 37.03 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

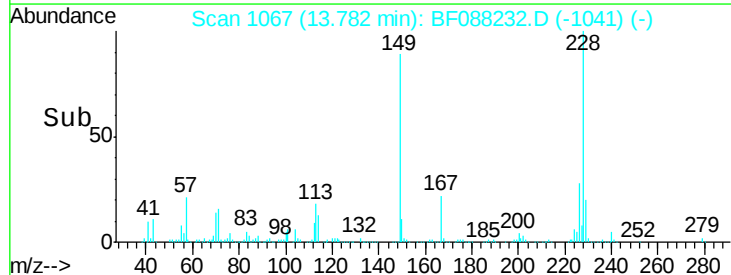
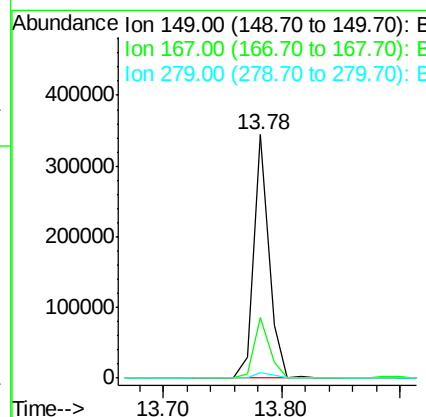
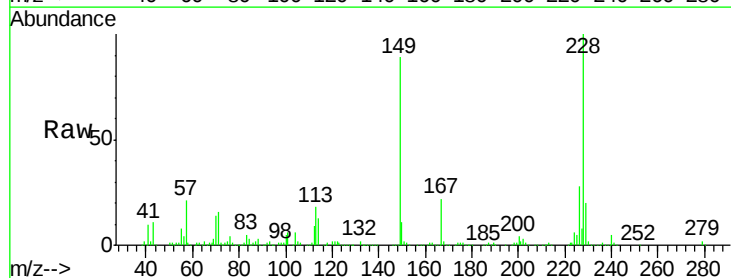
Instrument :
 BNA_F
 ClientSampleID :
 PB91503BS

Tot Ion:228 Resp: 413400
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.2
 229 20.1 16.3 24.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.55 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF088232.D
 Acq: 22 Jun 2016 00:37

Tgt Ion:149 Resp: 312262
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.5 30.7
 279 2.3 2.0 3.0

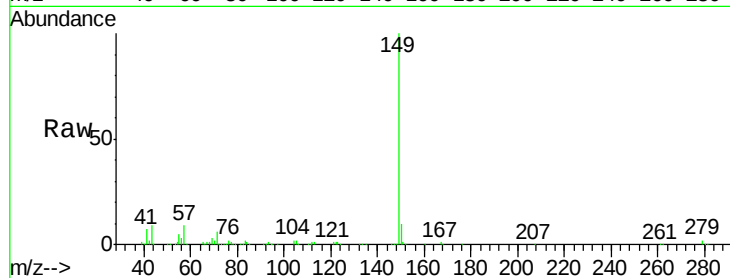




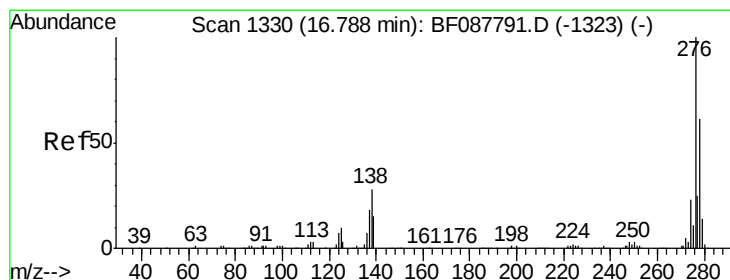
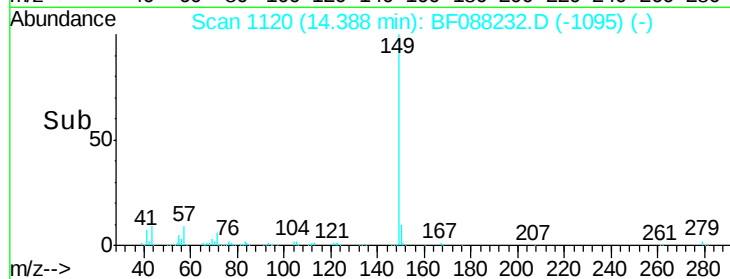
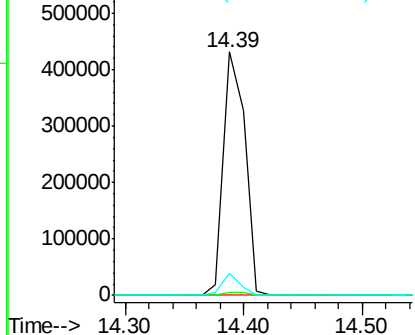
#84
Di-n-octyl phthalate
Concen: 40.16 ng
RT: 14.39 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Instrument :
BNA_F
ClientSampleId :
PB91503BS

Tot Ion:149 Resp: 542595
Ion Ratio Lower Upper
149 100
167 1.5 0.0 0.0#
43 7.5 0.0 0.0#

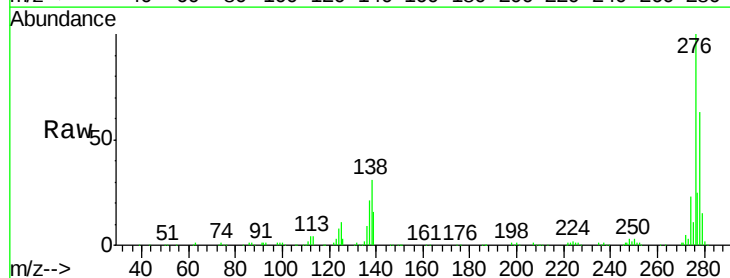


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

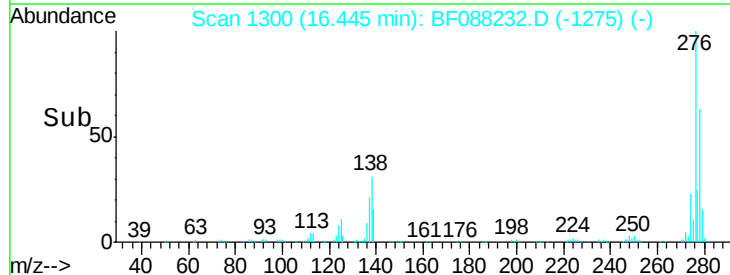
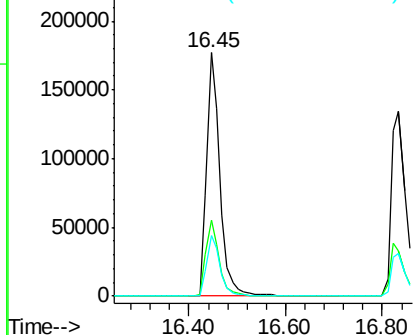


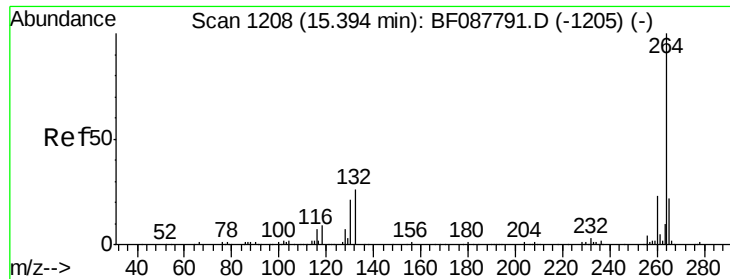
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.86 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:276 Resp: 340799
Ion Ratio Lower Upper
276 100
138 31.1 0.0 0.0#
277 24.9 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

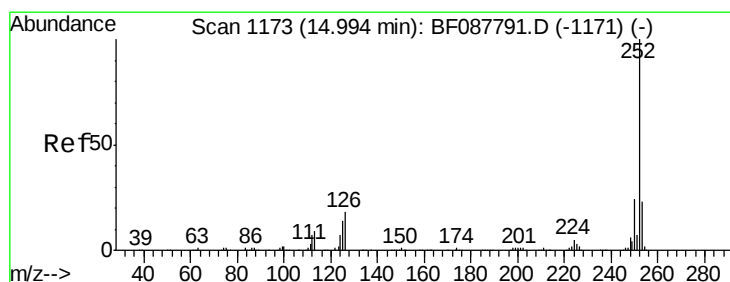
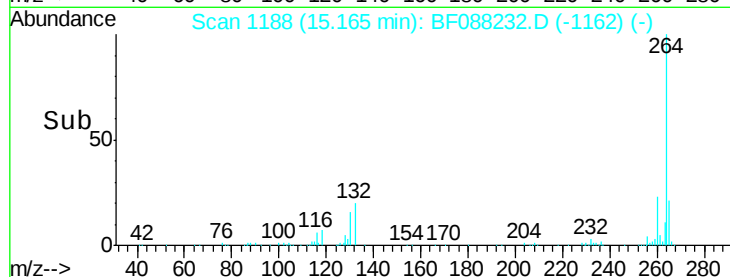
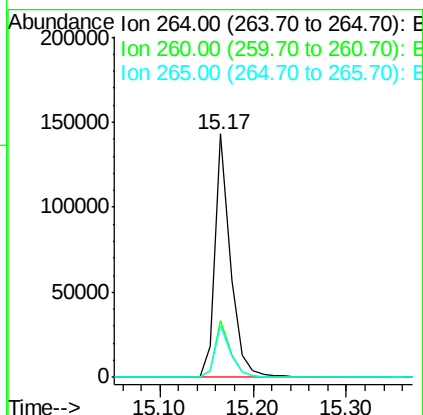
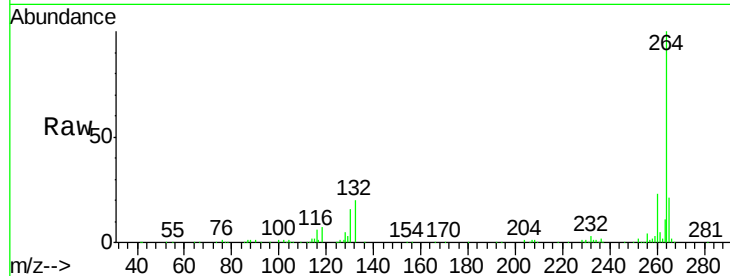




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

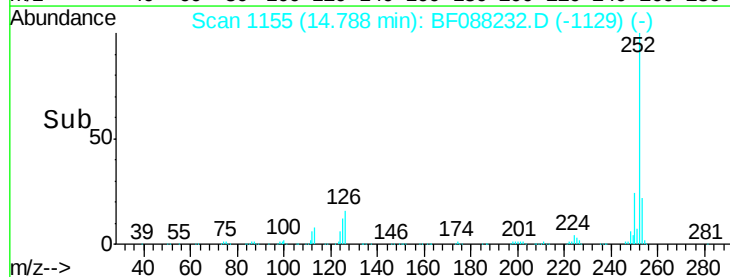
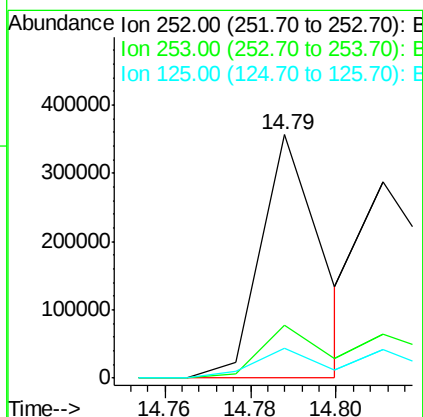
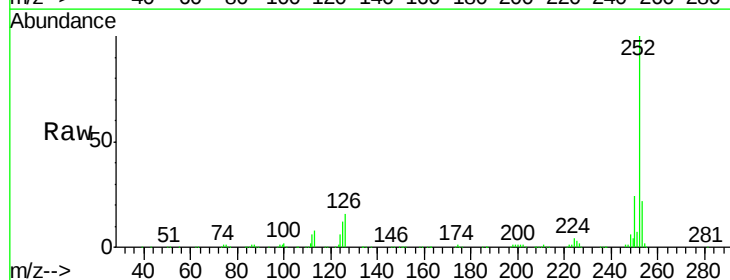
Instrument :
BNA_F
ClientSampleId :
PB91503BS

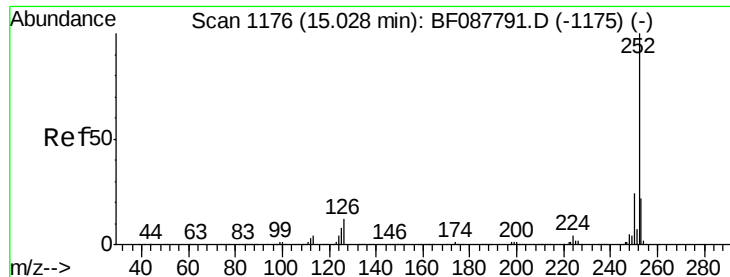
Tot Ion:264 Resp: 164813
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.0 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 30.61 ng m
RT: 14.79 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:252 Resp: 351582
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 12.4 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 40.22 ng m

RT: 14.81 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

Instrument :

BNA_F

ClientSampleId :

PB91503BS

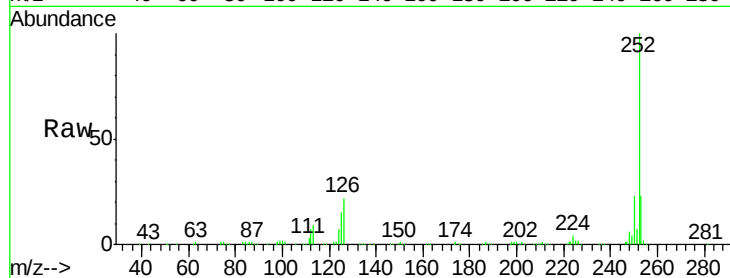
Tot Ion:252 Resp: 348523

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

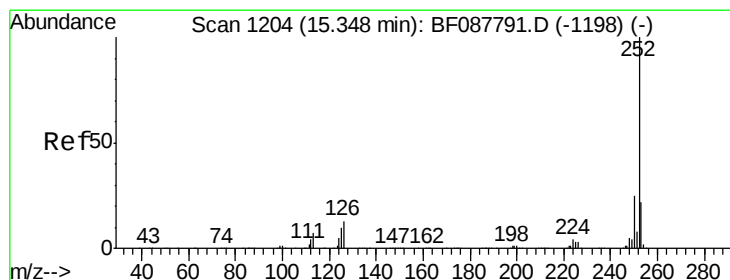
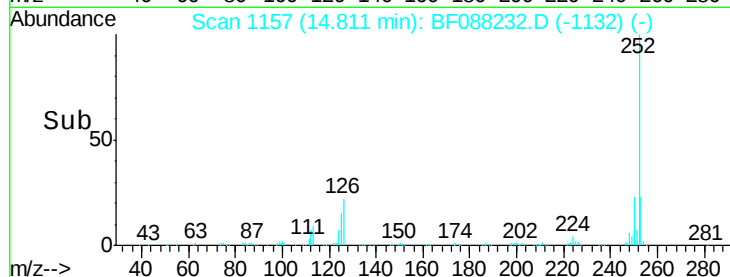
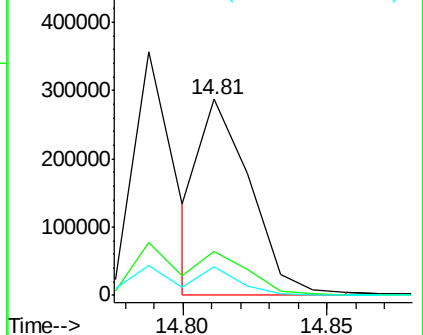
125 14.9 11.2 16.8



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: 35.76 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF088232.D

Acq: 22 Jun 2016 00:37

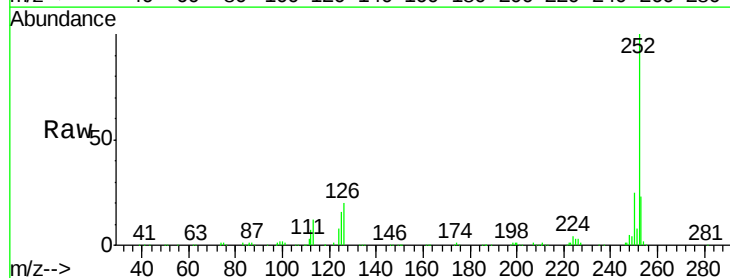
Tgt Ion:252 Resp: 332329

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

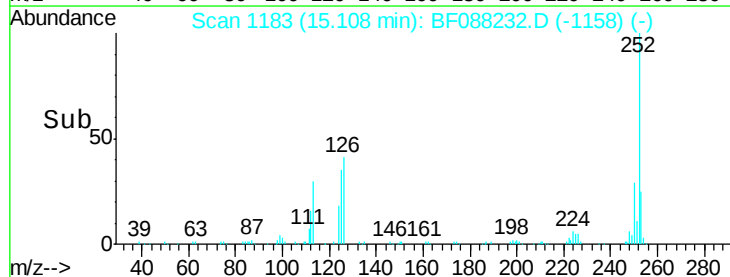
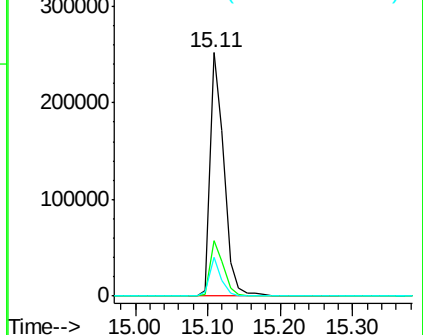
125 16.0 12.5 18.7

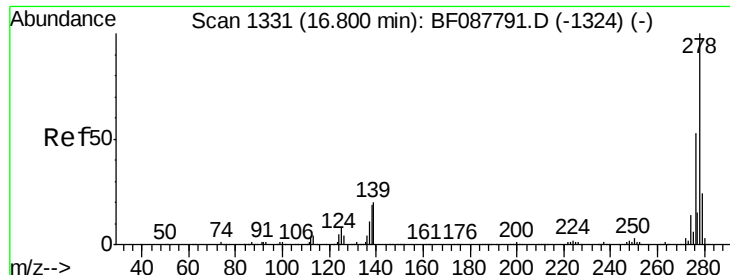


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



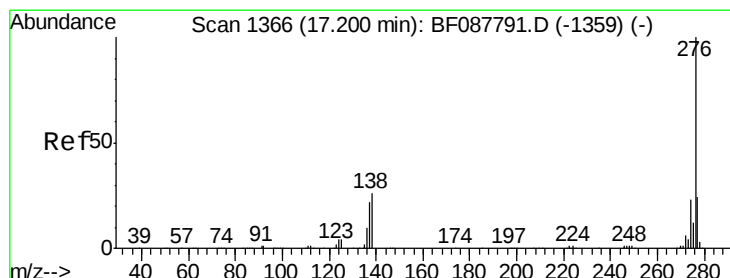
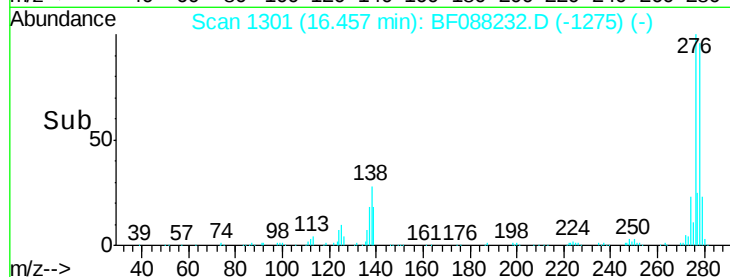
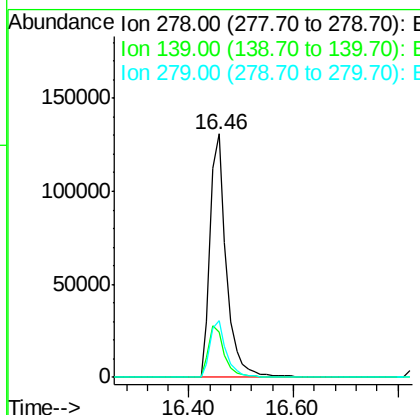
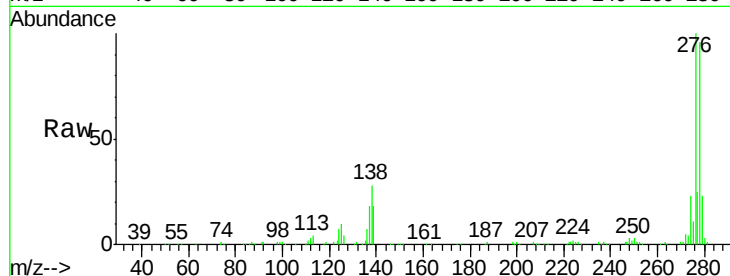


#90
Dibenzo(a,h)anthracene
Concen: 32.84 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Instrument :
BNA_F
ClientSampleId :
PB91503BS

Tot Ion:278 Resp: 283483

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.7	23.5
279	23.5	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 33.42 ng
RT: 16.83 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF088232.D
Acq: 22 Jun 2016 00:37

Tgt Ion:276 Resp: 296750

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	24.6	21.4	32.2

