

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087904.D
 Acq On : 11 Jun 2016 16:08
 Operator : UM/SJ
 Sample : PB91125BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91125BS

Quant Time: Jun 12 04:38:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98923	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	404410	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	217716	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	396535	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	264706	20.00	ng	-0.02
86) Perylene-d12	15.38	264	221036	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	756682	130.77	ng	-0.02
7) Phenol-d6	6.44	99	889877	126.89	ng	-0.03
23) Nitrobenzene-d5	7.37	82	533391	77.02	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	211798	92.13	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1114943	80.13	ng	-0.03
78) Terphenyl-d14	12.91	244	890938	76.59	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	73650	26.19	ng	# 20
3) Pyridine	3.12	79	203112	30.59	ng	94
4) n-Nitrosodimethylamine	3.06	42	97167	34.56	ng	86
6) Aniline	6.47	93	314967	31.55	ng	98
8) 2-Chlorophenol	6.59	128	292645	42.73	ng	# 80
9) Benzaldehyde	6.34	77	12069	2.52	ng	90
10) Phenol	6.46	94	373479	51.97	ng	79
11) bis(2-Chloroethyl)ether	6.55	93	268205	43.62	ng	# 83
12) 1,3-Dichlorobenzene	6.74	146	282484	38.44	ng	98
13) 1,4-Dichlorobenzene	6.82	146	299077	40.40	ng	98
14) 1,2-Dichlorobenzene	6.82	146	299077	44.42	ng	97
15) Benzyl Alcohol	6.95	79	215987	39.37	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	339162	40.82	ng	95
17) 2-Methylphenol	7.06	107	244682	44.05	ng	98
18) Hexachloroethane	7.31	117	100395	38.22	ng	# 84
19) n-Nitroso-di-n-propylamine	7.22	70	185203	41.28	ng	94
20) 3+4-Methylphenols	7.22	107	277517	42.82	ng	89
22) Acetophenone	7.22	105	365596	40.45	ng	# 91
24) Nitrobenzene	7.39	77	321696	47.95	ng	98
25) Isophorone	7.63	82	538792	42.00	ng	100
26) 2-Nitrophenol	7.71	139	166107	46.22	ng	# 72
27) 2,4-Dimethylphenol	7.75	122	284465	42.99	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	369834	46.48	ng	98
29) 2,4-Dichlorophenol	7.95	162	266267	48.20	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	235240	39.11	ng	100
31) Naphthalene	8.11	128	796861	39.82	ng	99
32) Benzoic acid	7.87	122	183267	50.30	ng	96
33) 4-Chloroaniline	8.17	127	266624	29.84	ng	# 90
34) Hexachlorobutadiene	8.24	225	131367	41.41	ng	99
35) Caprolactam	8.54	113	52135	28.49	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	254515	43.08	ng	97
37) 2-Methylnaphthalene	8.81	142	587992	44.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	222353	36.97	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	235100	66.94	ng	99

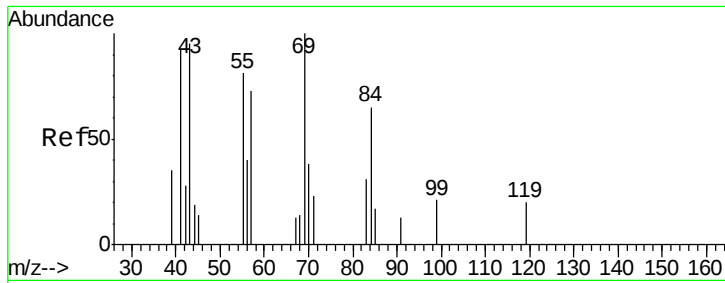
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	176236	40.48	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	172686	38.12	nq	# 92
45) 1,1'-Biphenyl	9.27	154	676086	40.79	nq	99
46) 2-Chloronaphthalene	9.29	162	537015	38.12	nq	99
47) 2-Nitroaniline	9.39	65	179054	43.08	nq	# 80
48) Acenaphthylene	9.71	152	917185	40.93	nq	100
49) Dimethylphthalate	9.58	163	604771	38.35	nq	99
50) 2,6-Dinitrotoluene	9.63	165	138967	38.48	nq	# 61
51) Acenaphthene	9.88	154	615636	44.04	nq	99
52) 3-Nitroaniline	9.80	138	136192	32.68	nq	82
53) 2,4-Dinitrophenol	9.91	184	146658	75.26	nq	97
54) Dibenzofuran	10.06	168	781803	40.61	nq	93
55) 4-Nitrophenol	9.98	139	291150	90.01	nq	# 76
56) 2,4-Dinitrotoluene	10.04	165	215111	46.34	nq	96
57) Fluorene	10.40	166	618711	47.86	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	142924	40.15	nq	# 52
59) Diethylphthalate	10.27	149	627037	39.28	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	227739	35.57	nq	95
61) 4-Nitroaniline	10.42	138	180503	45.66	nq	95
62) Azobenzene	10.55	77	617139	39.09	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	95025	38.82	nq	96
65) n-Nitrosodiphenylamine	10.51	169	574498	43.66	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	168362	39.58	nq	# 92
67) Hexachlorobenzene	10.95	284	183591	41.54	nq	# 75
68) Atrazine	11.04	200	141753	35.58	nq	93
69) Pentachlorophenol	11.14	266	210359	90.28	nq	98
70) Phenanthrene	11.36	178	926819	44.54	nq	99
71) Anthracene	11.40	178	791919	37.73	nq	100
72) Carbazole	11.56	167	913932	46.53	nq	99
73) Di-n-butylphthalate	11.90	149	897277	36.09	nq	100
74) Fluoranthene	12.54	202	831164	37.85	nq	97
76) Benzidine	12.66	184	361674	49.35	nq	98
77) Pyrene	12.76	202	798332	40.64	nq	100
79) Butylbenzylphthalate	13.39	149	382716	44.07	nq	91
80) Benzo(a)anthracene	13.95	228	641390	42.52	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	153207	37.77	nq	# 97
82) Chrysene	13.99	228	605641	42.68	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	442143	41.82	nq	100
84) Di-n-octyl phthalate	14.57	149	837666	48.76	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.75	276	528266	40.07	nq	# 100
87) Benzo(b)fluoranthene	15.01	252	1123285	72.91	nq	# 95
88) Benzo(k)fluoranthene	15.01	252	1123298	96.66	nq	99
89) Benzo(a)pyrene	15.33	252	501338	40.22	nq	# 95
90) Dibenzo(a,h)anthracene	16.77	278	429494	37.10	nq	97
91) Benzo(g,h,i)perylene	17.17	276	487002	40.90	nq	99

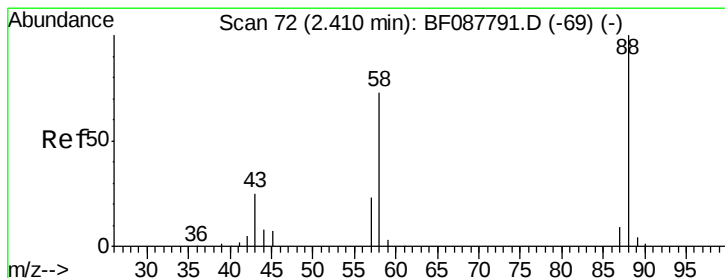
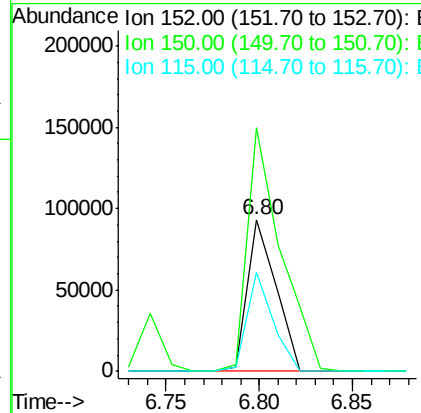
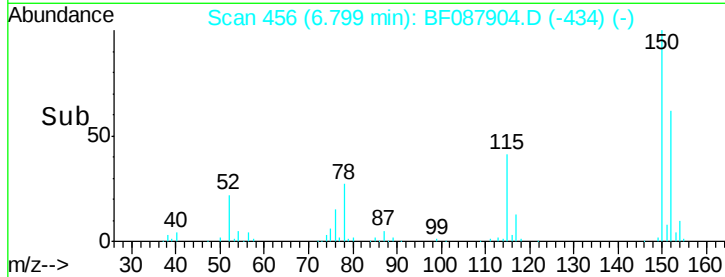
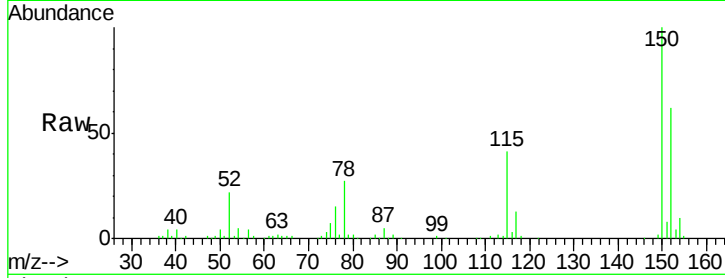
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

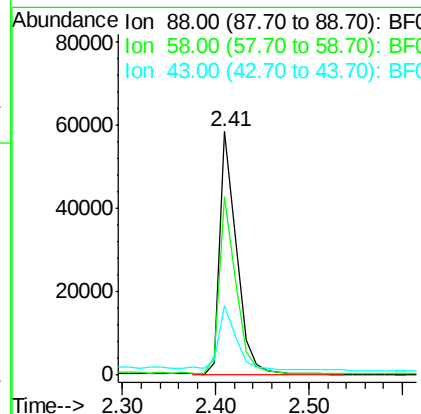
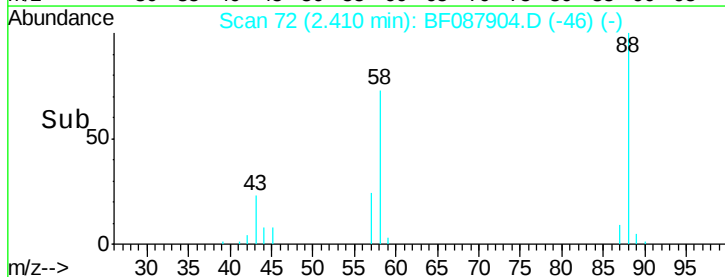
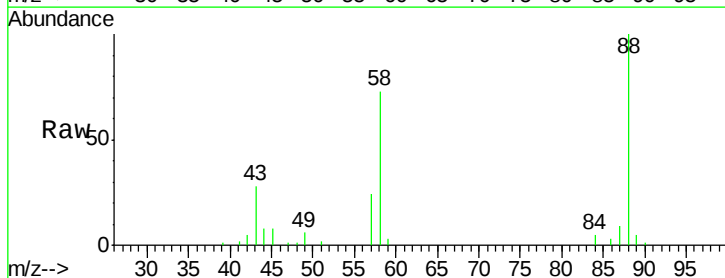
Instrument :
 BNA_F
 ClientSampleId :
 PB91125BS

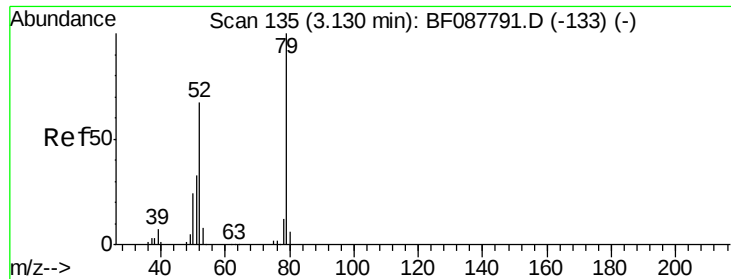
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.8	185.6
115	65.2	39.6	59.4



#2
 1,4-Dioxane
 Concen: 26.19 ng
 RT: 2.41 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	0.0	0.0
43	30.5	3.4	5.2





#3

Pvridine

Concen: 30.59 ng

RT: 3.12 min Scan# 134

Delta R.T. -0.01 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

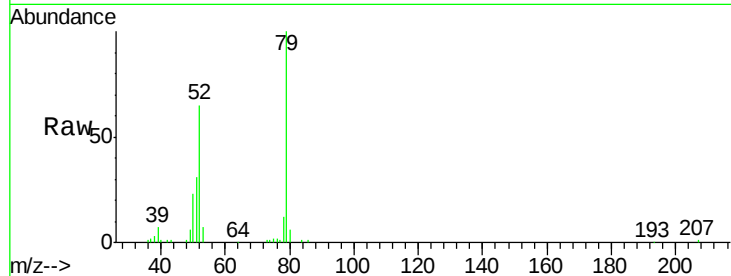
Tot Ion: 79 Resp: 203112

Ion Ratio Lower Upper

79 100

52 65.0 56.3 84.5

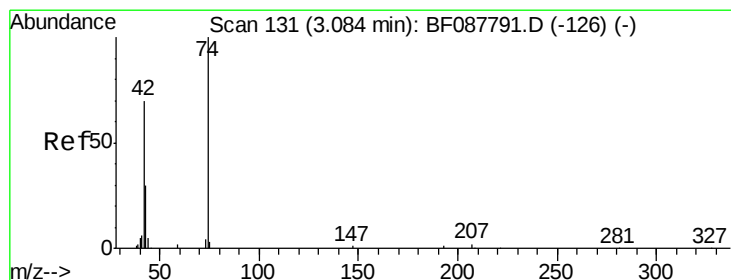
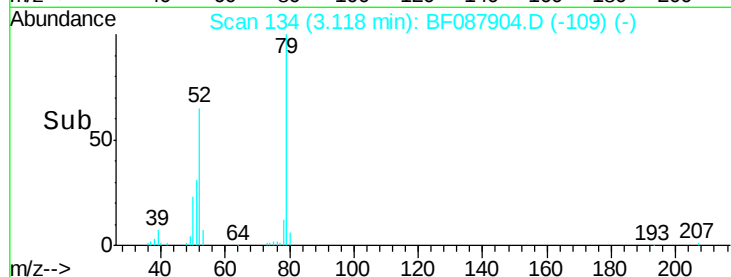
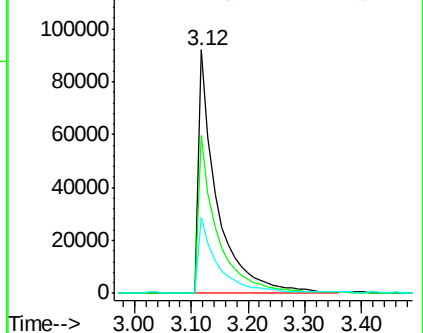
51 31.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.56 ng

RT: 3.06 min Scan# 129

Delta R.T. -0.02 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

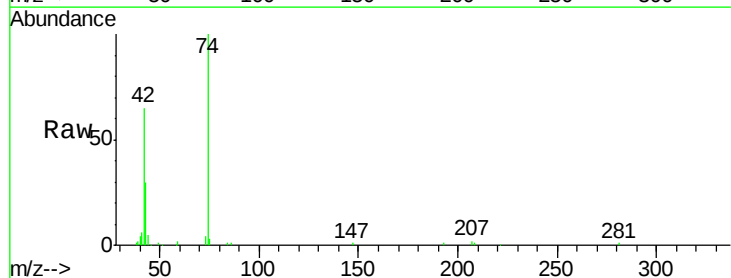
Tgt Ion: 42 Resp: 97167

Ion Ratio Lower Upper

42 100

74 153.7 108.6 163.0

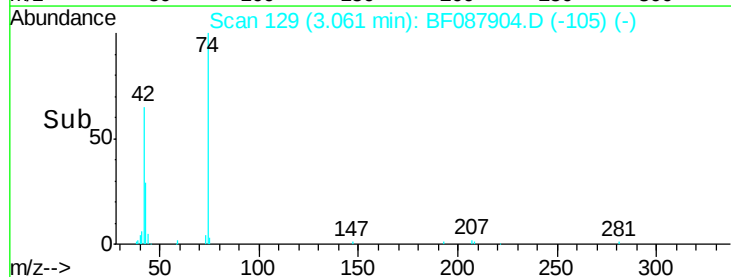
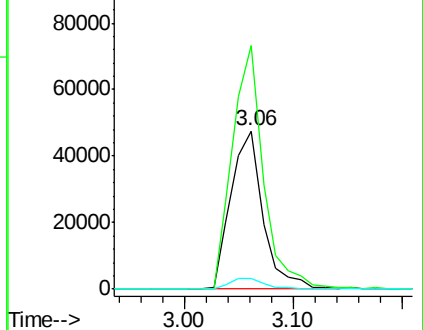
44 7.0 5.5 8.3

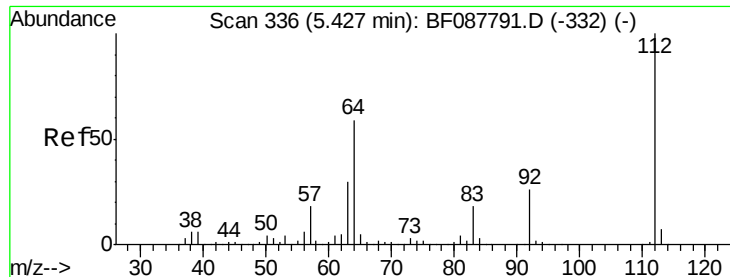


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.77 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampled :

PB91125BS

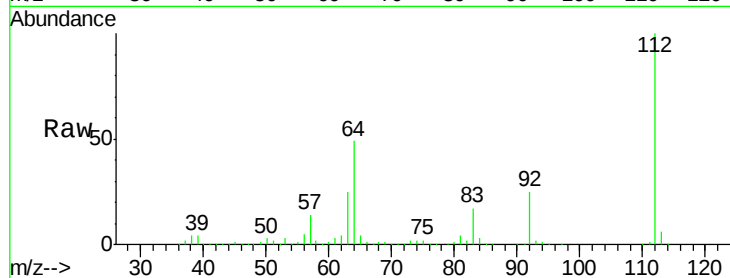
Tot Ion:112 Resp: 756682

Ion Ratio Lower Upper

112 100

64 49.3 42.2 63.2

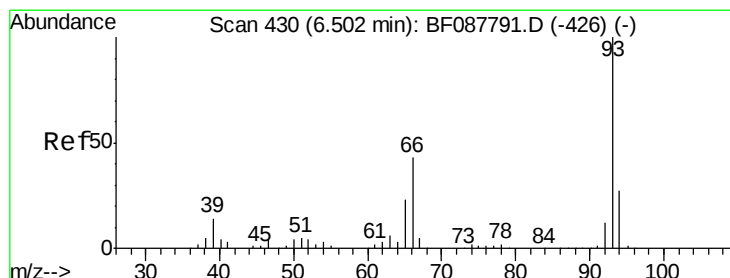
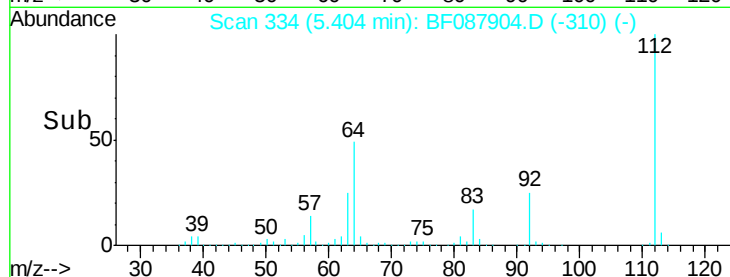
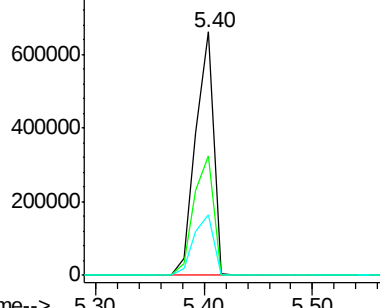
63 25.1 21.8 32.8



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: 31.55 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

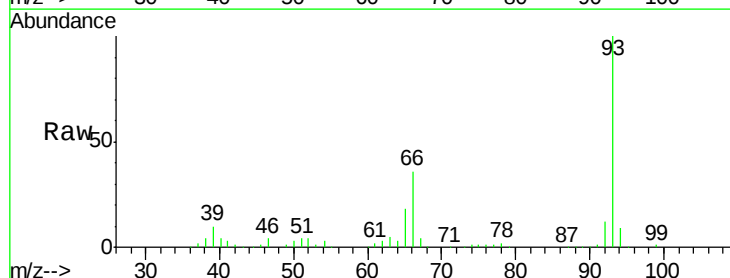
Tgt Ion: 93 Resp: 314967

Ion Ratio Lower Upper

93 100

66 35.9 29.8 44.8

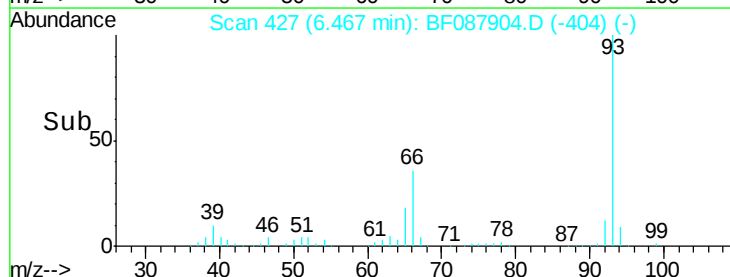
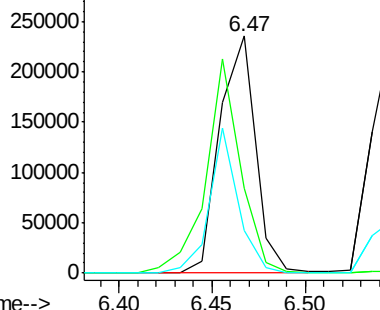
65 18.0 14.9 22.3

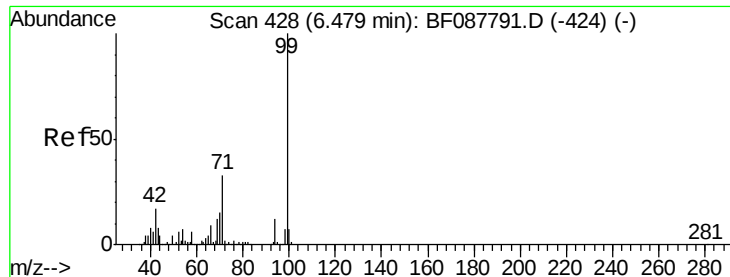


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.89 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

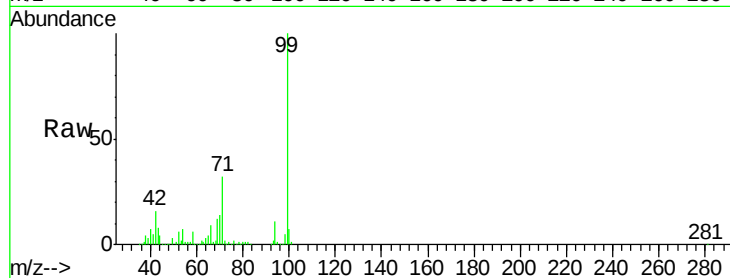
Tot Ion: 99 Resp: 889877

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.2

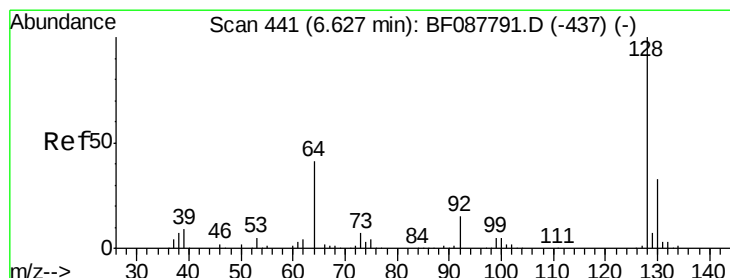
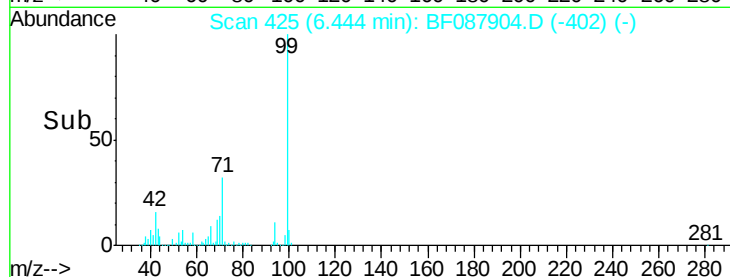
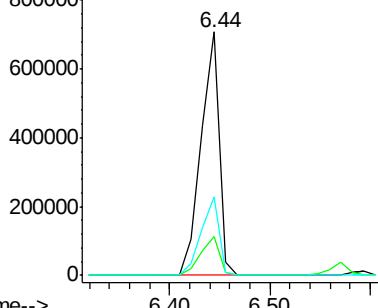
71 32.3 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.73 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

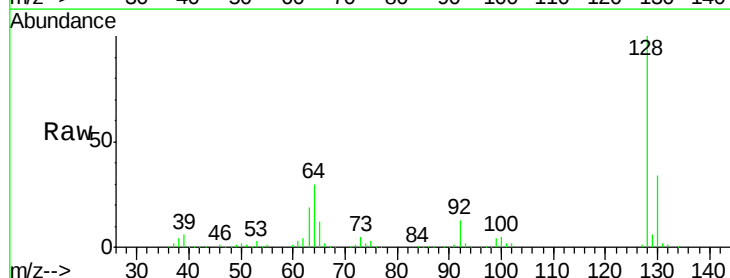
Tgt Ion: 128 Resp: 292645

Ion Ratio Lower Upper

128 100

130 33.8 12.0 52.0

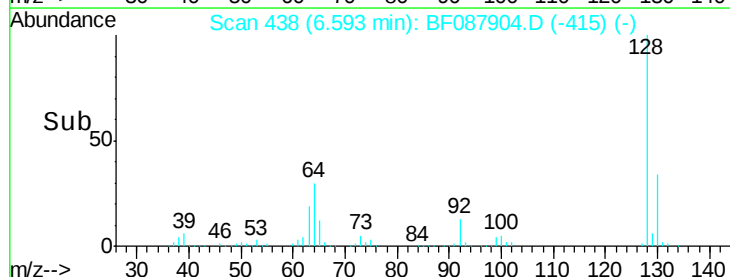
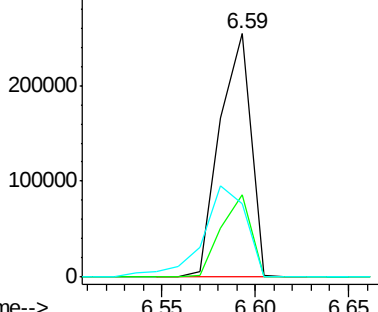
64 30.0 30.8 70.8#

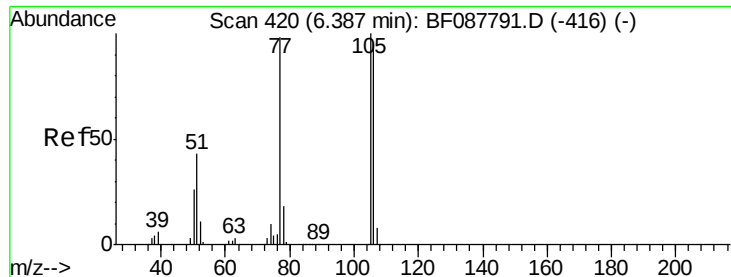


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.52 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

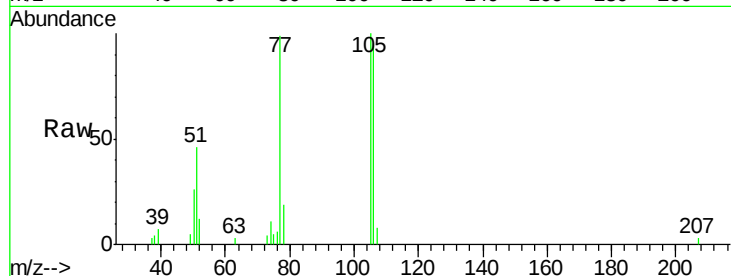
Tot Ion: 77 Resp: 12069

Ion Ratio Lower Upper

77 100

105 100.5 90.6 130.6

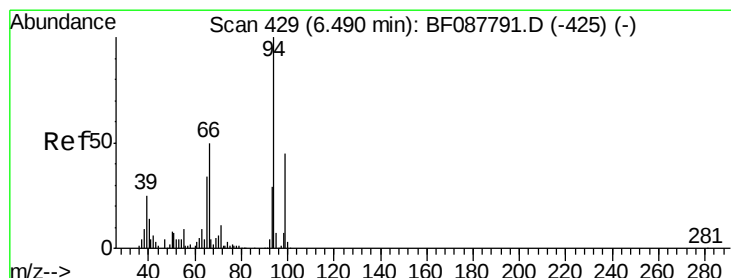
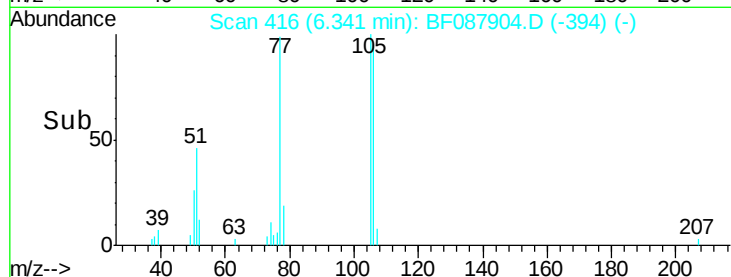
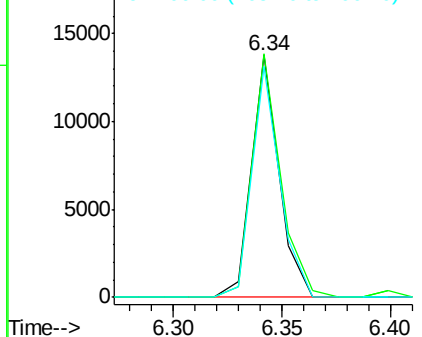
106 95.4 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.97 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

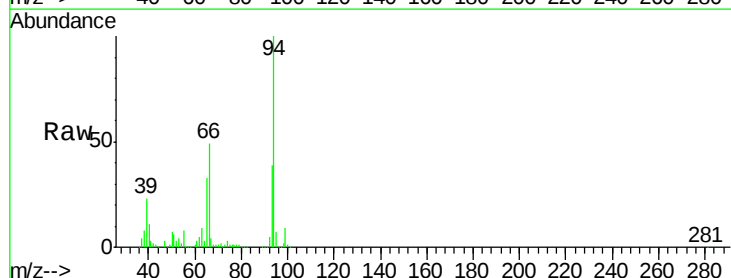
Tgt Ion: 94 Resp: 373479

Ion Ratio Lower Upper

94 100

65 33.2 5.9 45.9

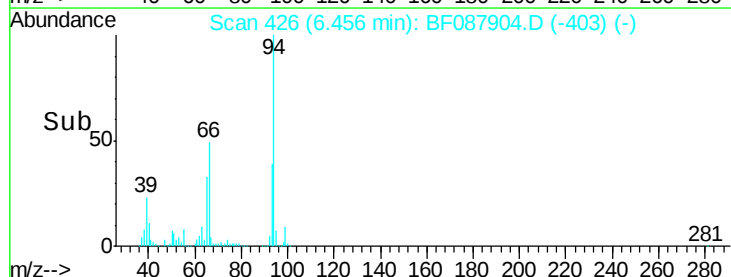
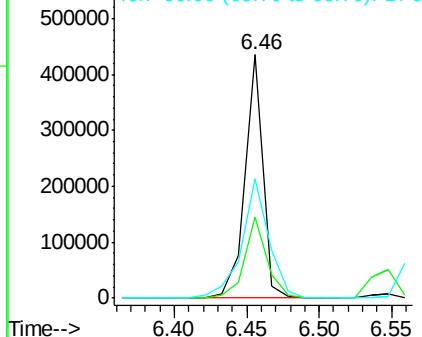
66 48.8 14.0 54.0

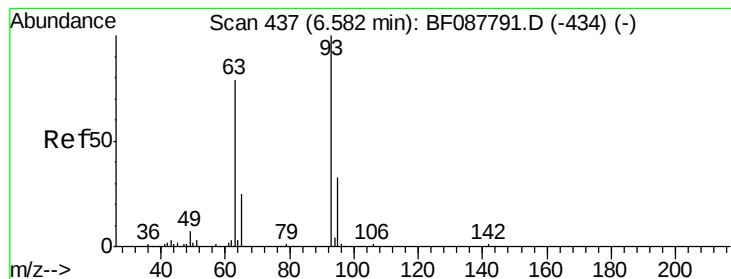


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

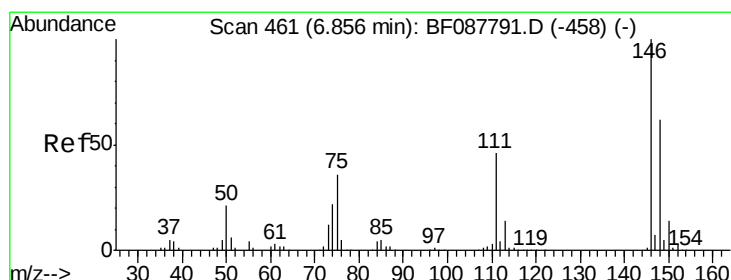
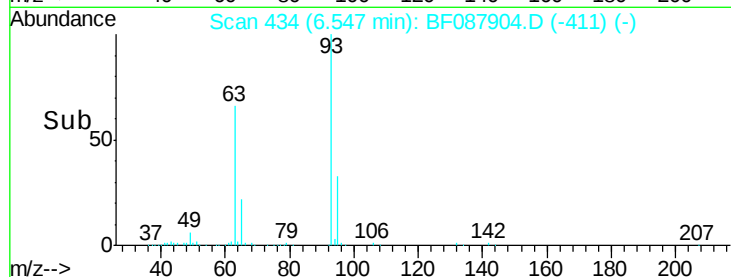
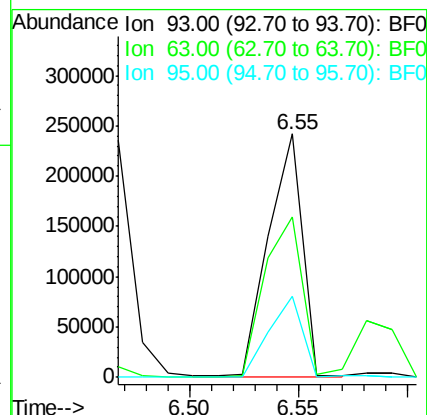
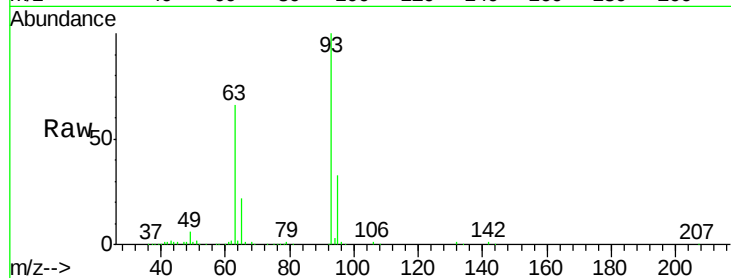




#11
bis(2-Chloroethyl)ether
Concen: 43.62 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

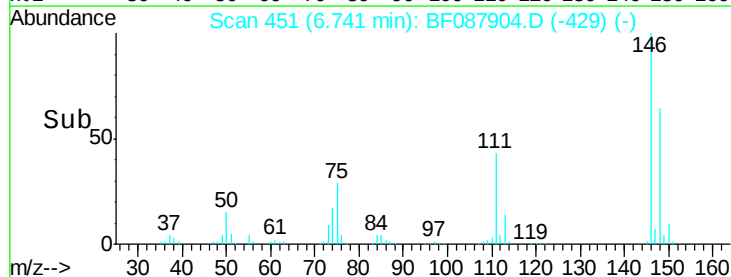
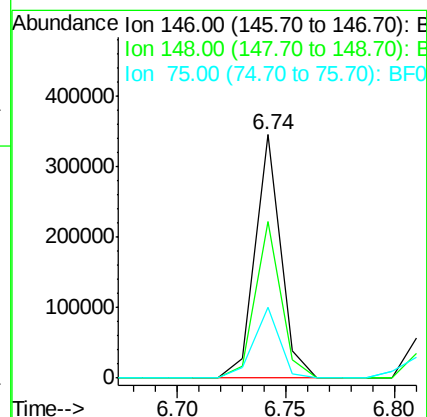
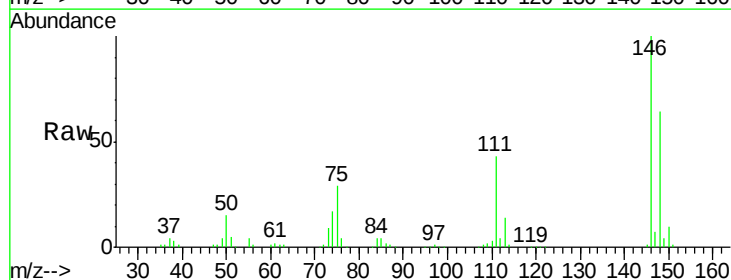
Instrument :
BNA_F
ClientSampleId :
PB91125BS

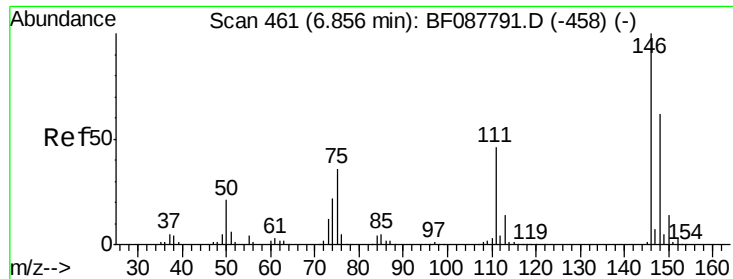
Tot Ion: 93 Resp: 268205
Ion Ratio Lower Upper
93 100
63 66.2 67.6 107.6#
95 33.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 38.44 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion: 146 Resp: 282484
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 29.3 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 40.40 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

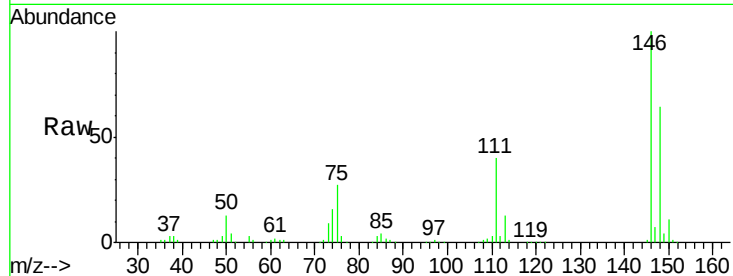
Tot Ion:146 Resp: 299077

Ion Ratio Lower Upper

146 100

148 64.0 52.0 78.0

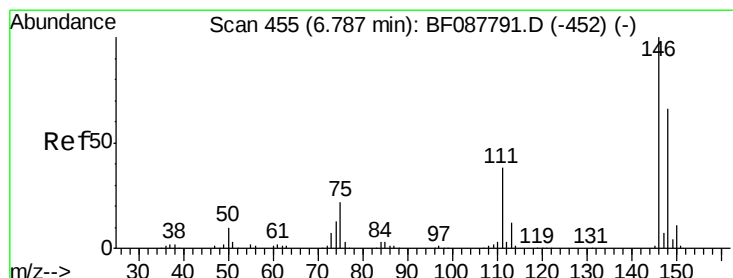
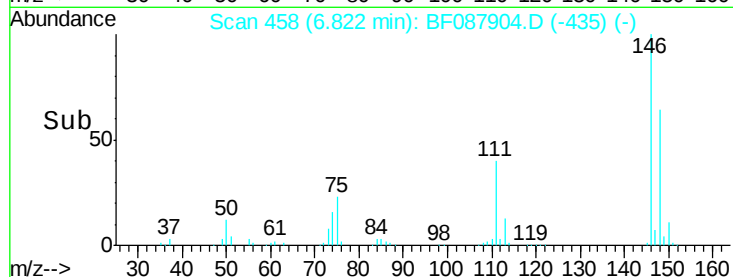
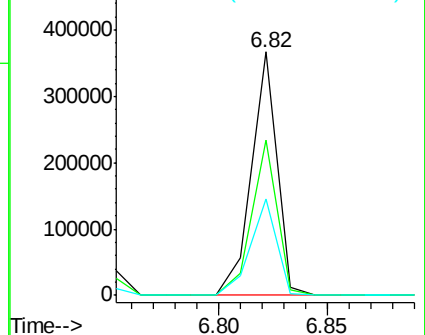
111 39.6 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.42 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.19 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

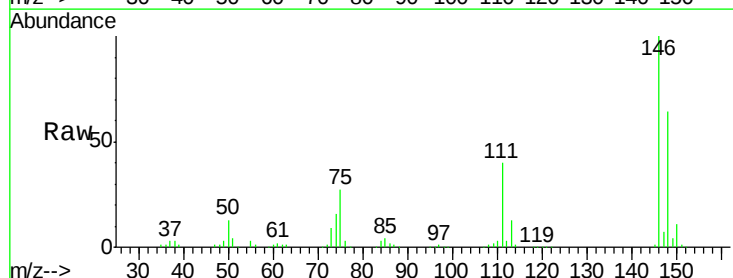
Tgt Ion:146 Resp: 299077

Ion Ratio Lower Upper

146 100

148 64.0 52.3 78.5

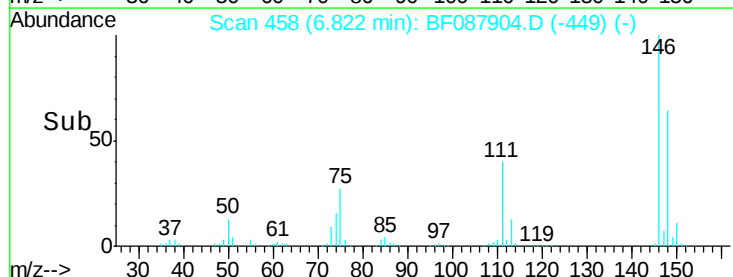
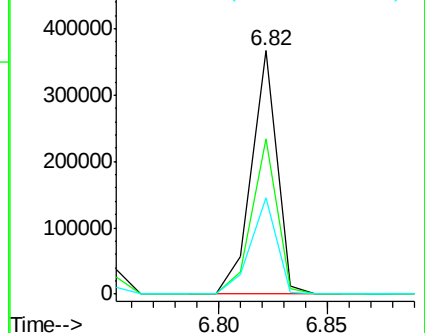
111 39.6 28.7 43.1

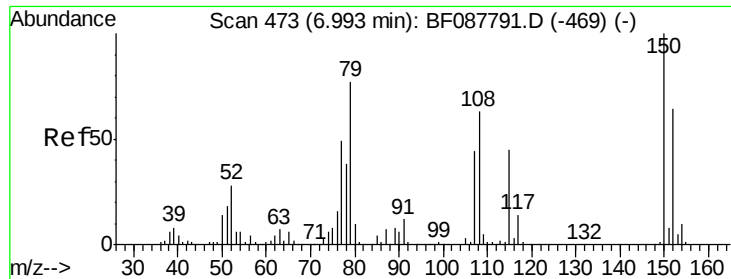


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

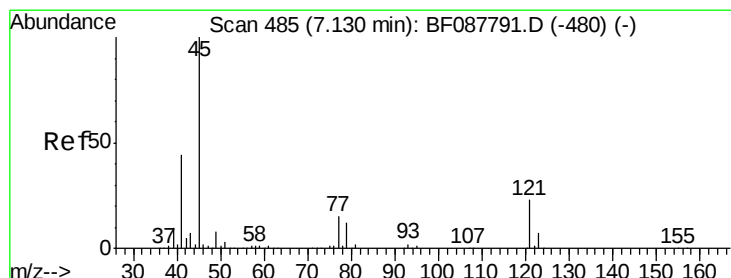
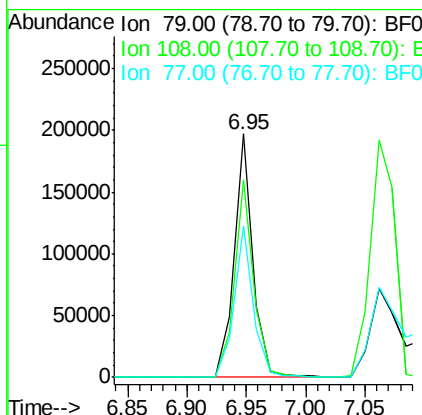
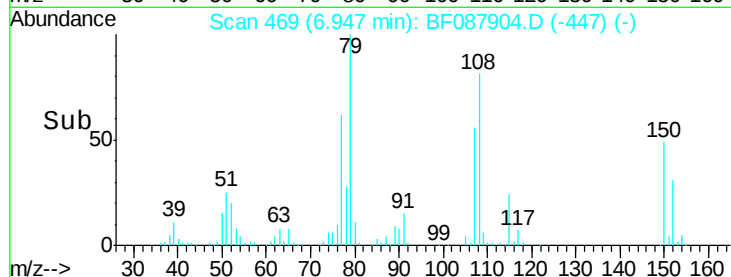
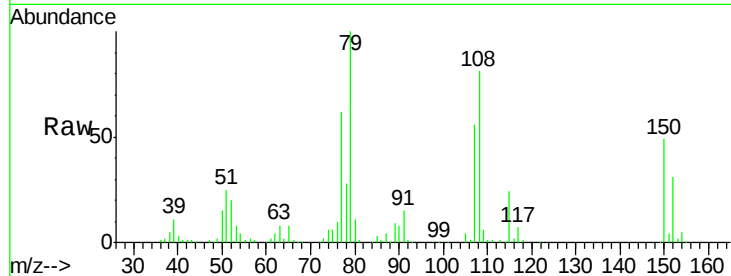




#15
Benzyl Alcohol
Concen: 39.37 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

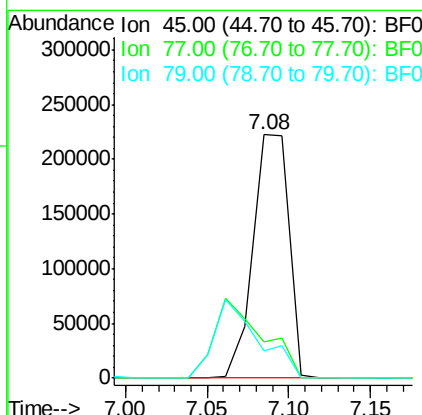
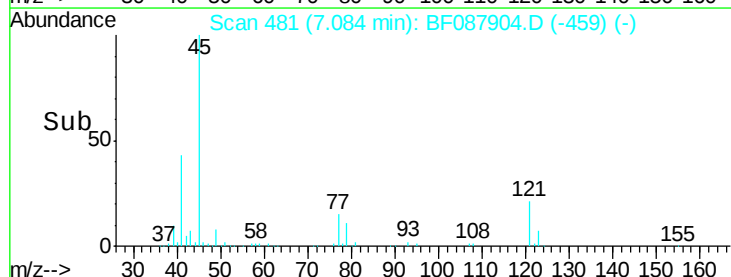
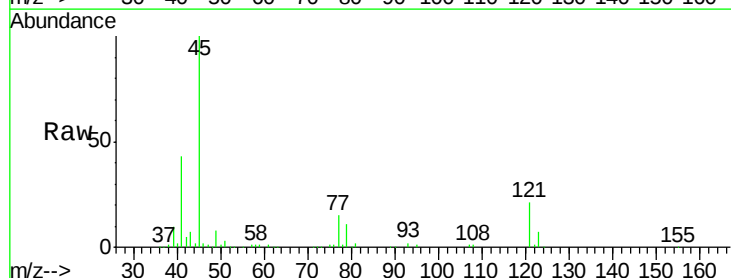
Instrument :
BNA_F
ClientSampled :
PB91125BS

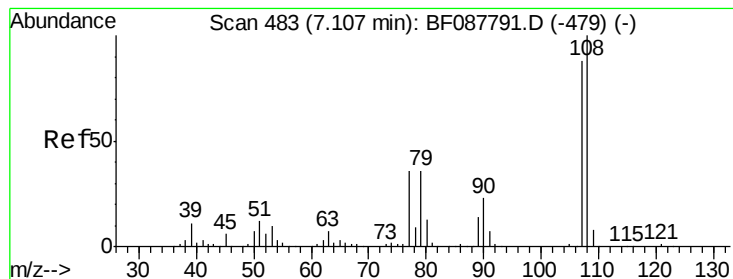
Tot Ion: 79 Resp: 215987
Ion Ratio Lower Upper
79 100
108 81.2 65.0 97.6
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.82 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion: 45 Resp: 339162
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.5
79 11.3 0.0 29.5





#17

2-Methylphenol

Concen: 44.05 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

Tot Ion:107 Resp: 244682

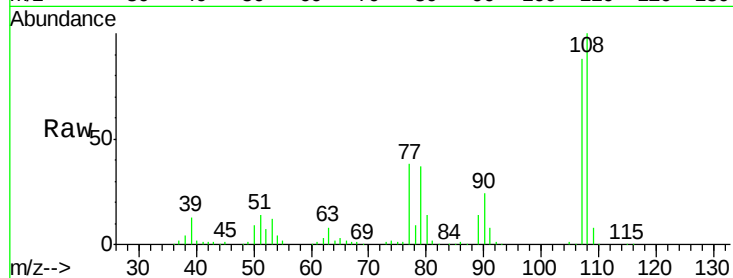
Ion Ratio Lower Upper

107 100

108 113.4 90.9 136.3

77 43.2 36.6 55.0

79 42.3 36.5 54.7

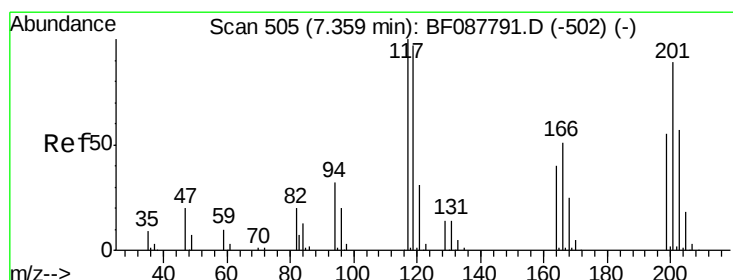
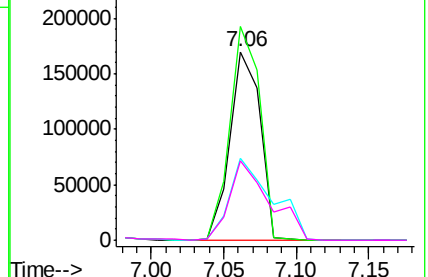
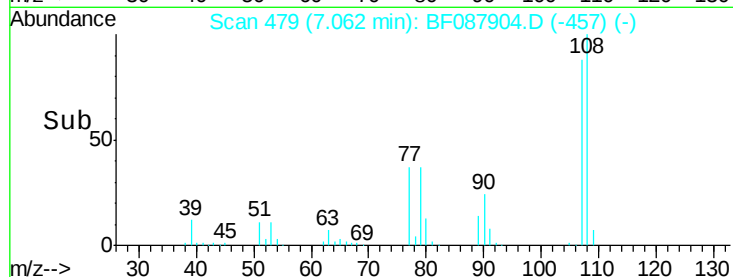


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.22 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

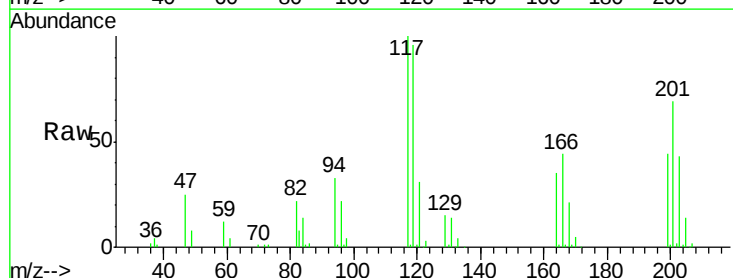
Tgt Ion:117 Resp: 100395

Ion Ratio Lower Upper

117 100

119 96.2 77.4 116.2

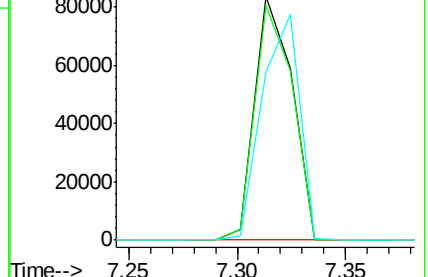
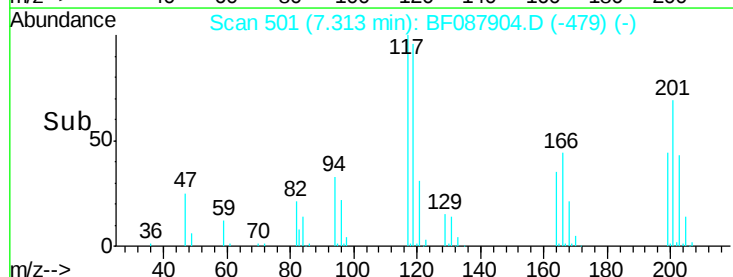
201 69.3 80.4 120.6#

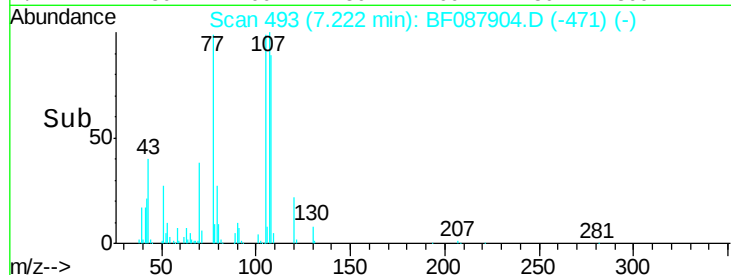
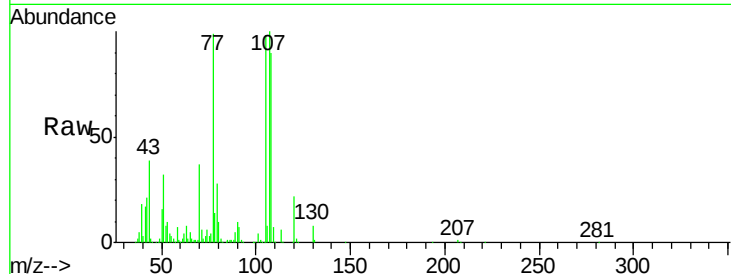
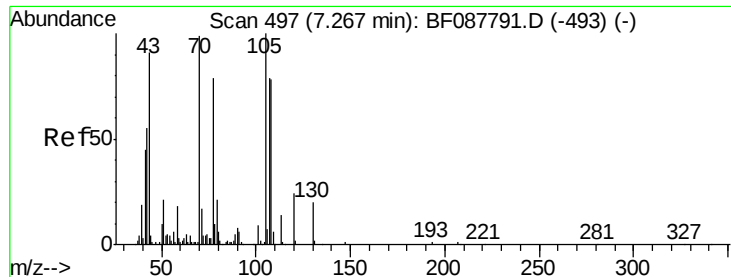


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

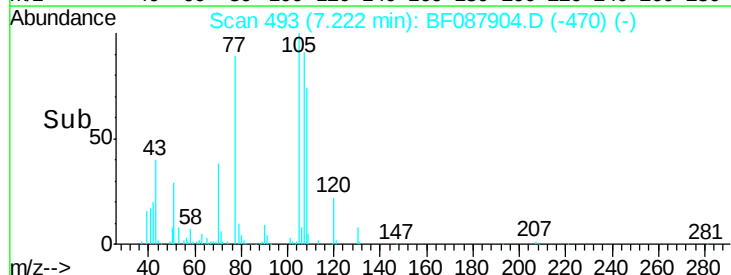
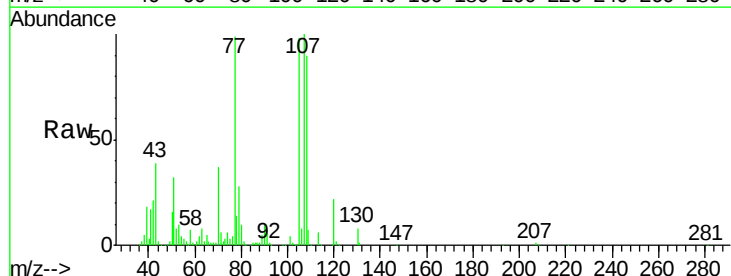
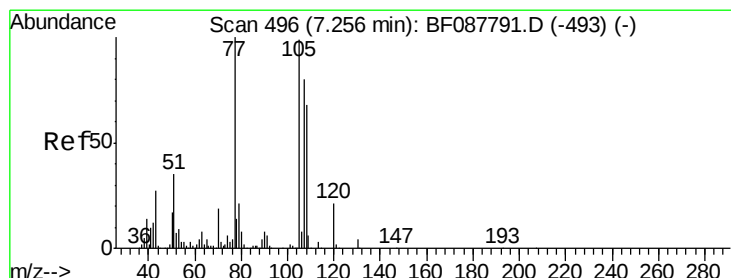
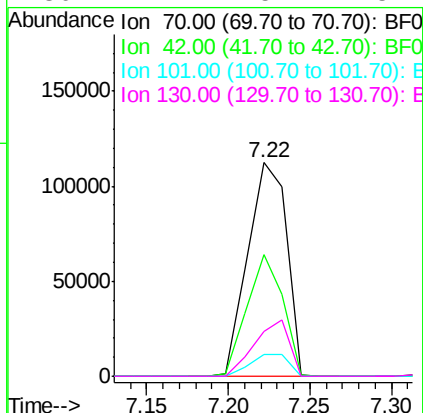




#19
n-Nitroso-di-n-propylamine
Concen: 41.28 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.05 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

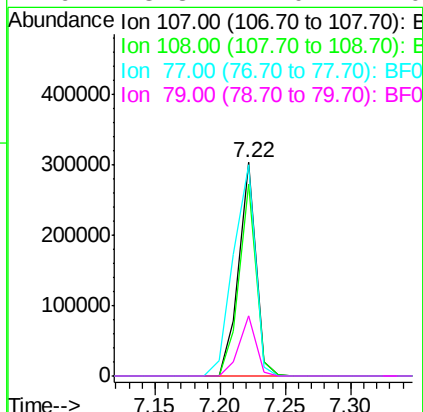
Instrument :
BNA_F
ClientSampleId :
PB91125BS

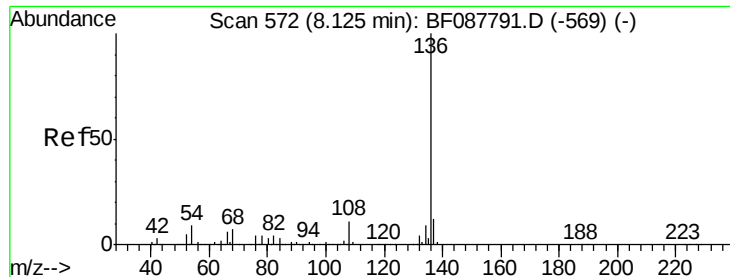
Tot Ion:	70	Resp:	185203
Ion	Ratio	Lower	Upper
70	100		
42	56.7	49.6	74.4
101	10.0	7.1	10.7
130	21.2	15.4	23.2



#20
3+4-Methylphenols
Concen: 42.82 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion:	107	Resp:	277517
Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.8	107.8
77	98.9	59.3	99.3
79	28.3	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

Tot Ion:136 Resp: 404410

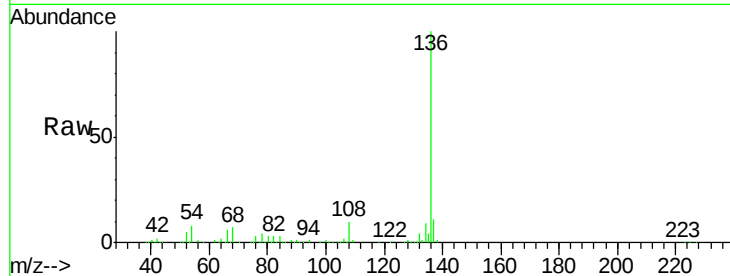
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.4 6.6 10.0

68 6.7 5.1 7.7

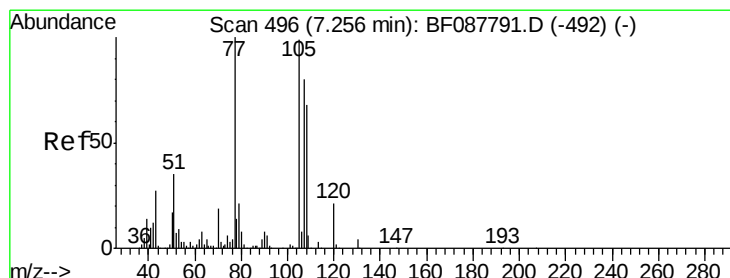
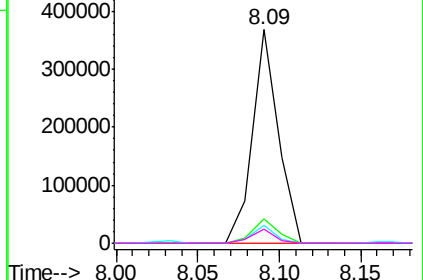
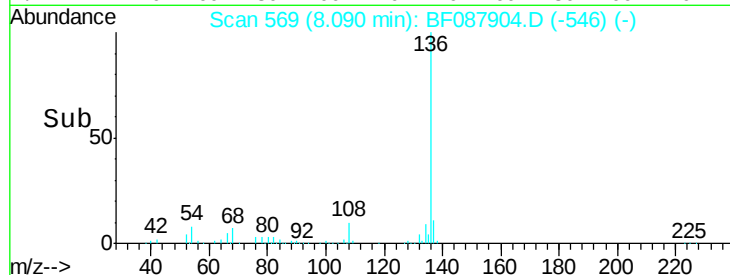


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.45 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Tgt Ion:105 Resp: 365596

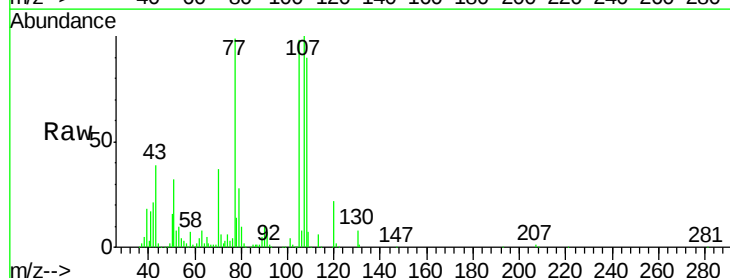
Ion Ratio Lower Upper

105 100

71 6.4 5.3 7.9

51 32.6 18.2 27.4#

120 22.1 18.0 27.0

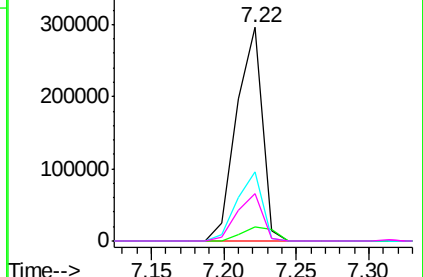
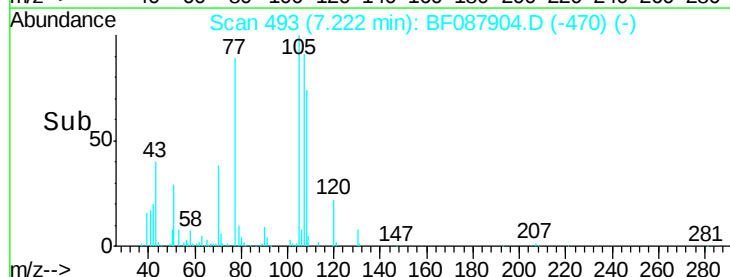


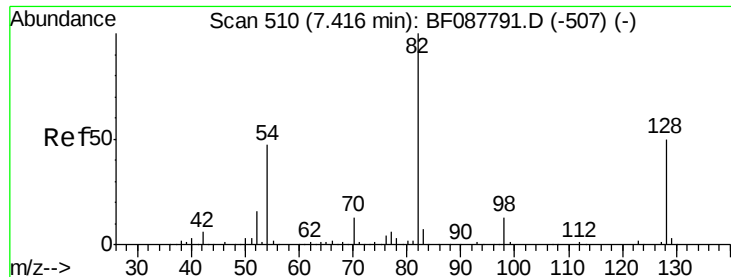
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.02 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.05 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

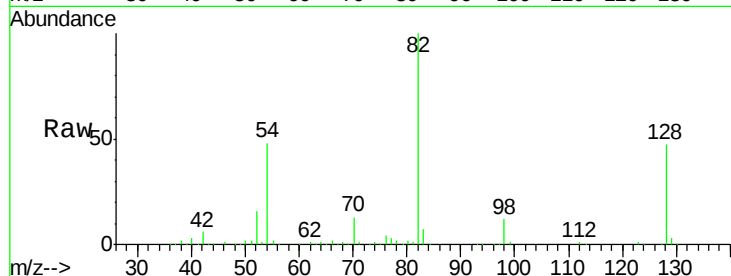
Tot Ion: 82 Resp: 533391

Ion Ratio Lower Upper

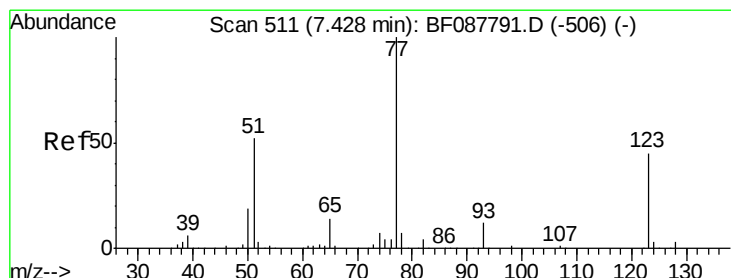
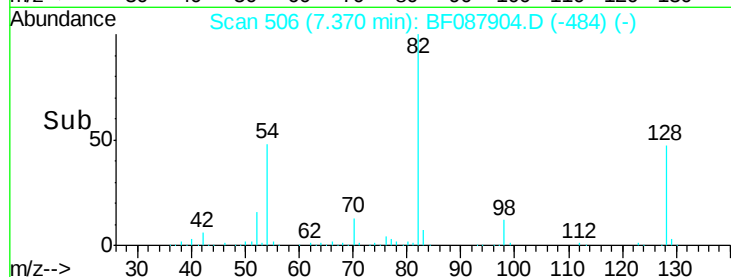
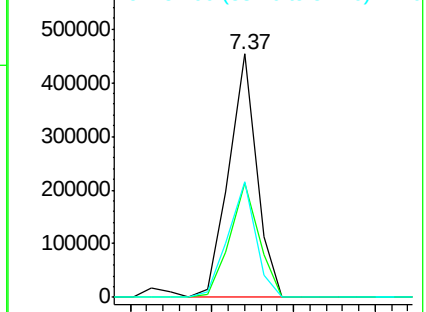
82 100

128 47.1 35.9 53.9

54 47.7 40.9 61.3



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



#24

Nitrobenzene

Concen: 47.95 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

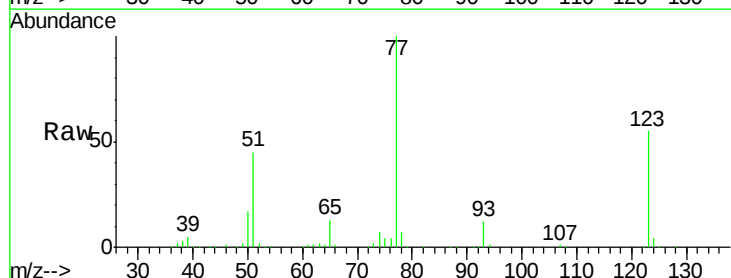
Tgt Ion: 77 Resp: 321696

Ion Ratio Lower Upper

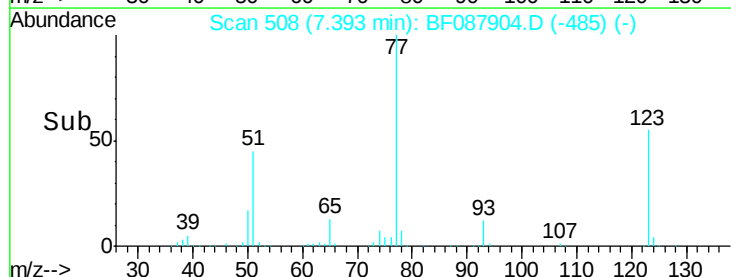
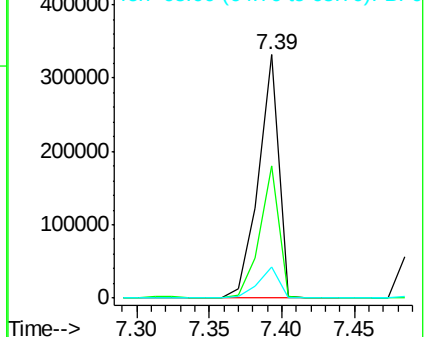
77 100

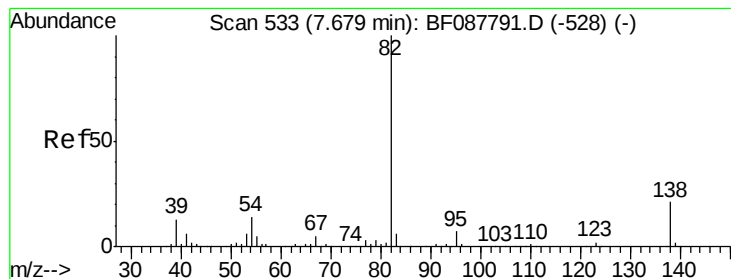
123 54.6 45.0 67.4

65 12.8 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

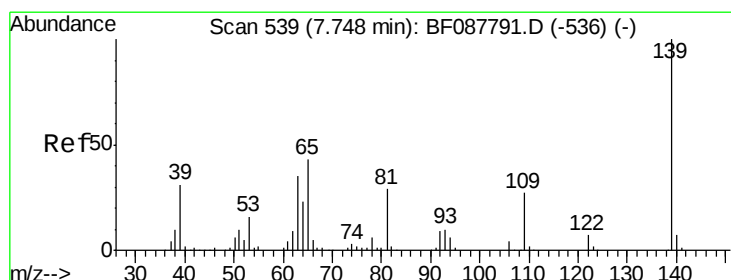
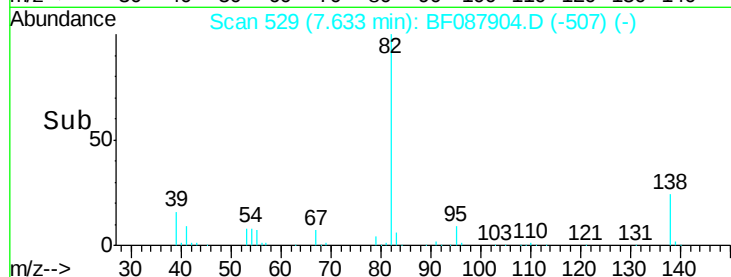
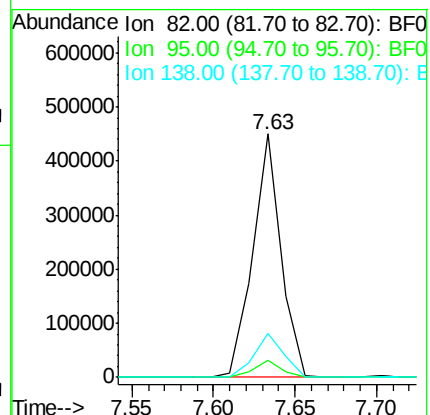
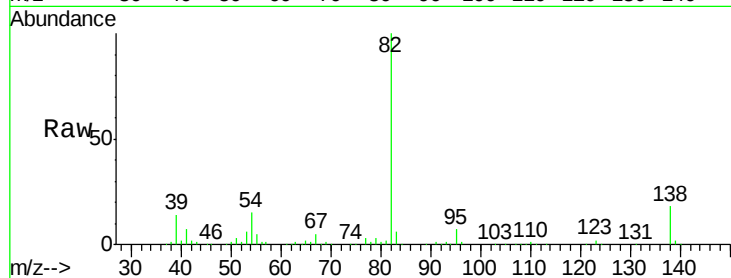
Tot Ion: 82 Resp: 538792

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 18.2 14.6 21.8



#26

2-Nitrophenol

Concen: 46.22 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

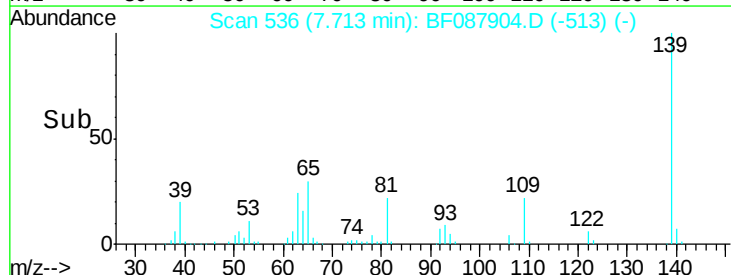
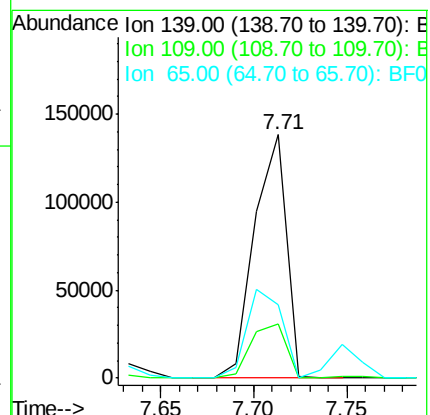
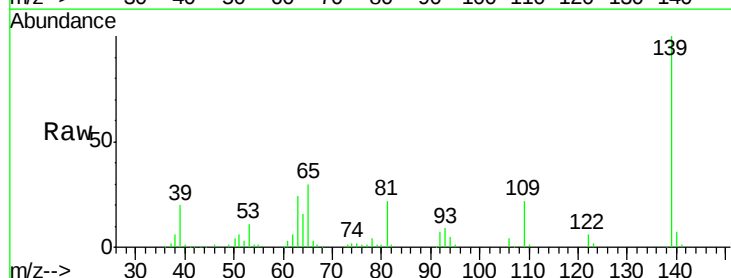
Tgt Ion: 139 Resp: 166107

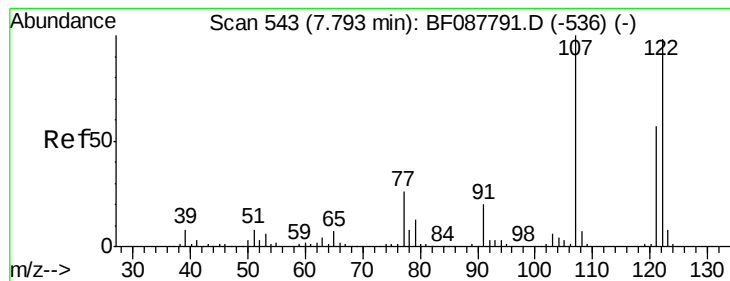
Ion Ratio Lower Upper

139 100

109 22.3 23.0 34.4#

65 30.3 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 42.99 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.05 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

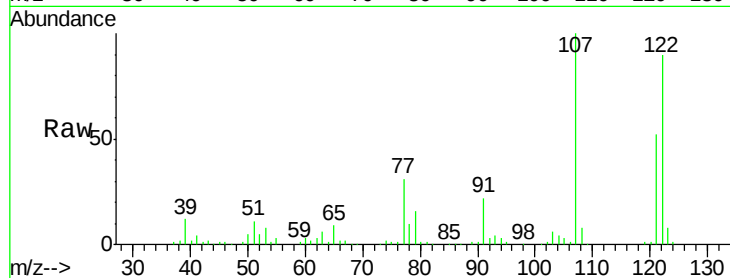
Tot Ion:122 Resp: 284465

Ion Ratio Lower Upper

122 100

107 110.8 82.4 123.6

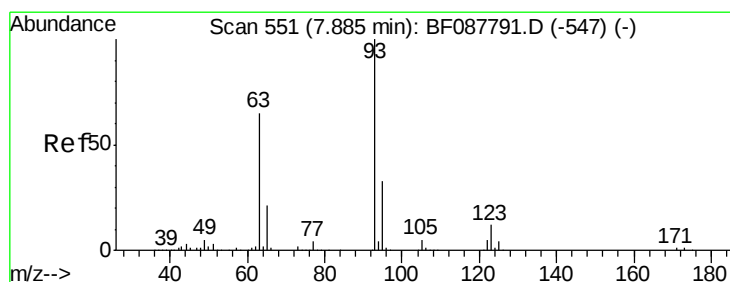
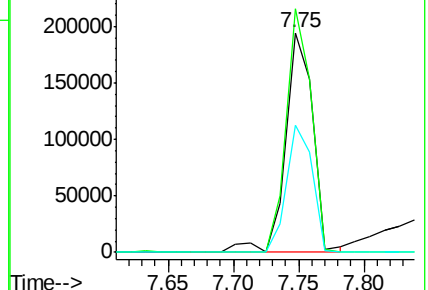
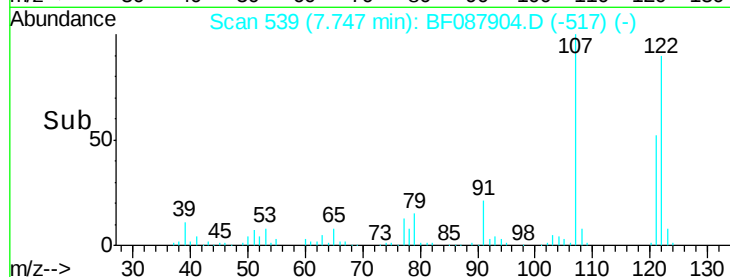
121 57.9 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.48 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

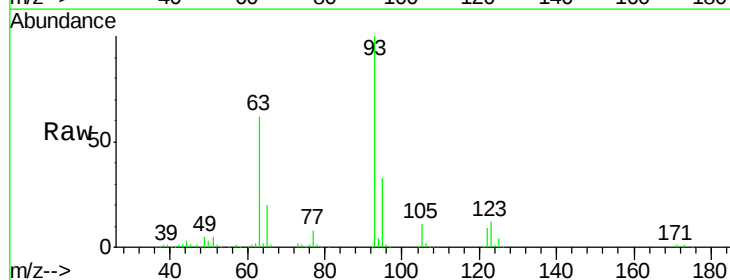
Tgt Ion: 93 Resp: 369834

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

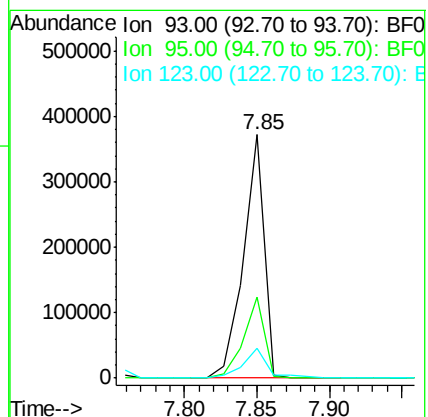
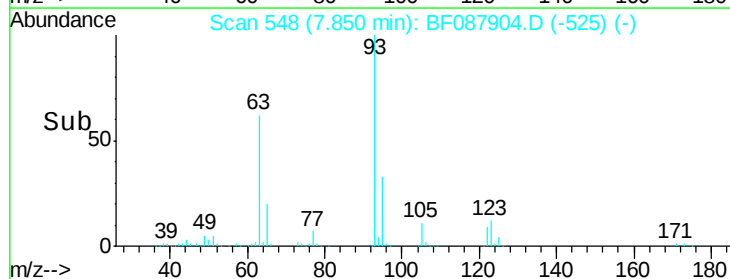
123 12.4 11.6 17.4

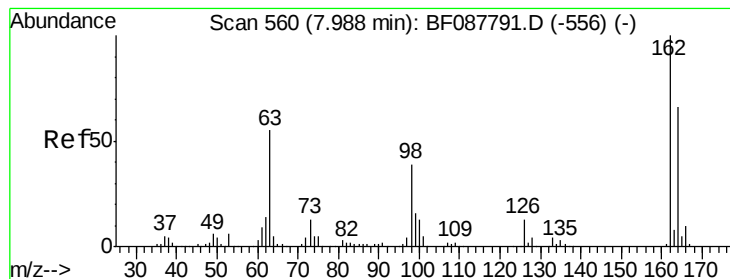


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.20 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

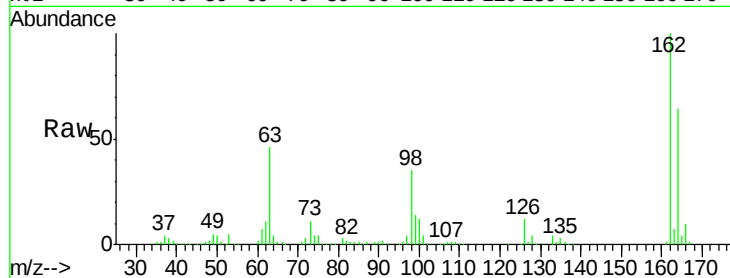
Tot Ion:162 Resp: 266267

Ion Ratio Lower Upper

162 100

164 64.3 43.8 83.8

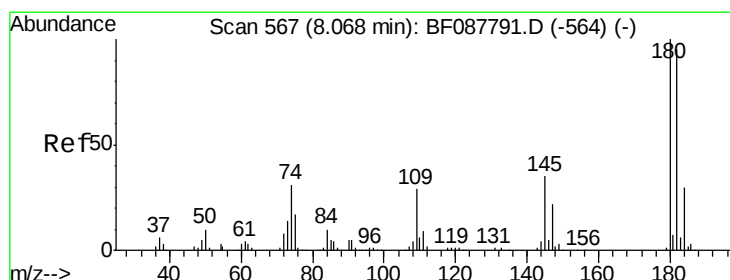
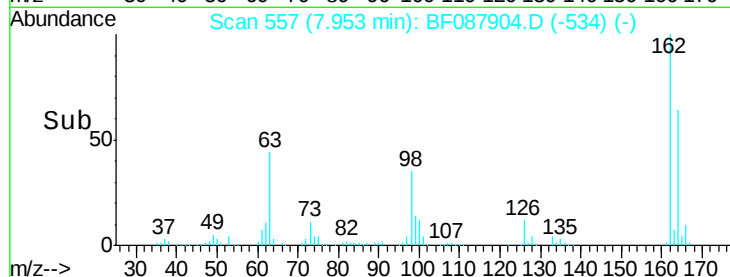
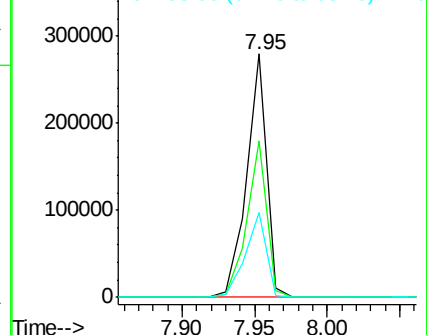
98 34.9 21.3 61.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 39.11 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

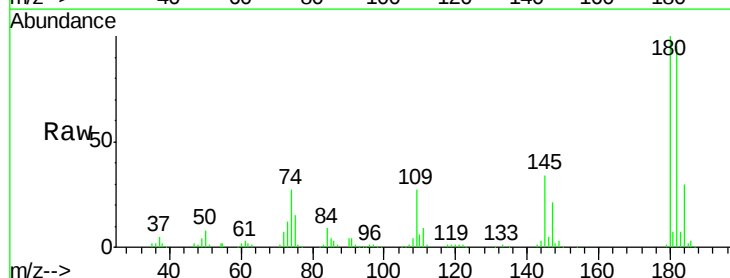
Tgt Ion:180 Resp: 235240

Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

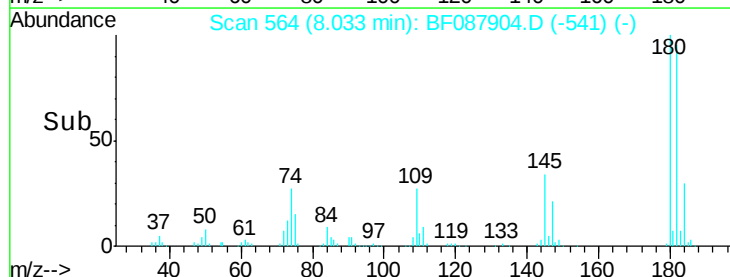
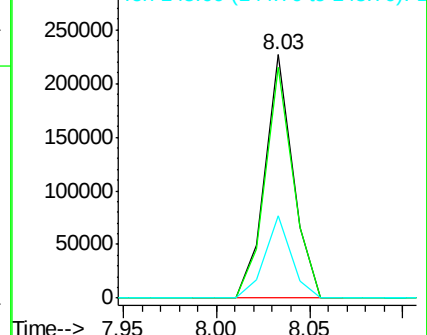
145 33.8 26.5 39.7

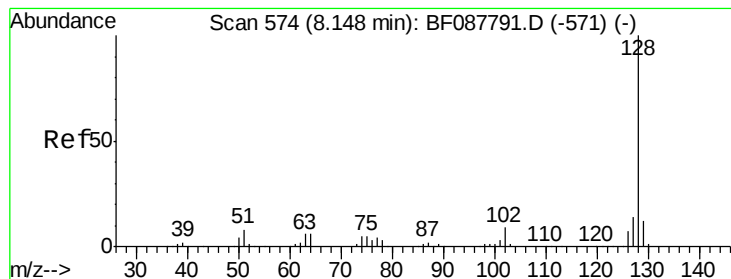


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.82 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampled :

PB91125BS

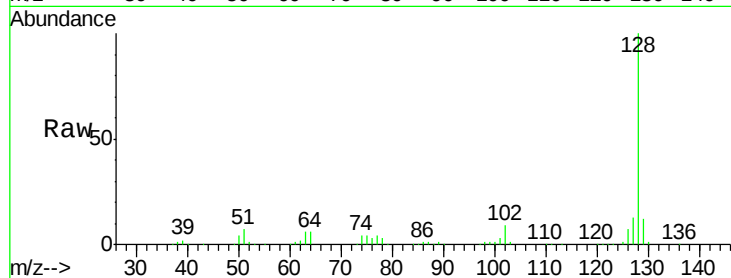
Tot Ion:128 Resp: 796861

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

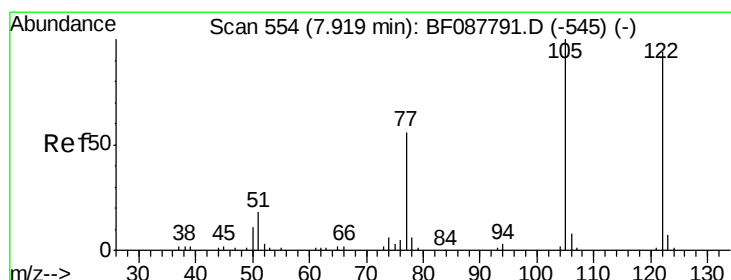
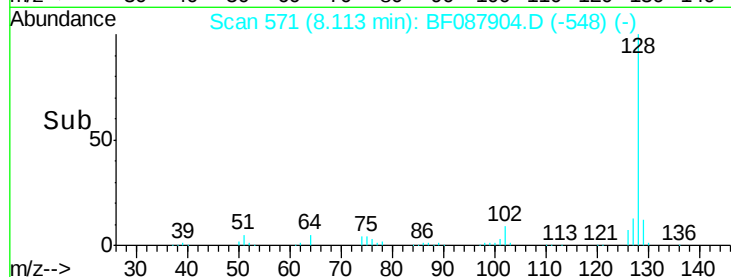
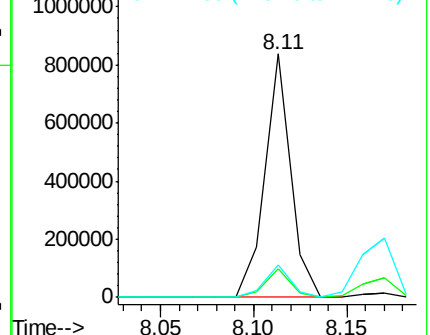
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.30 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

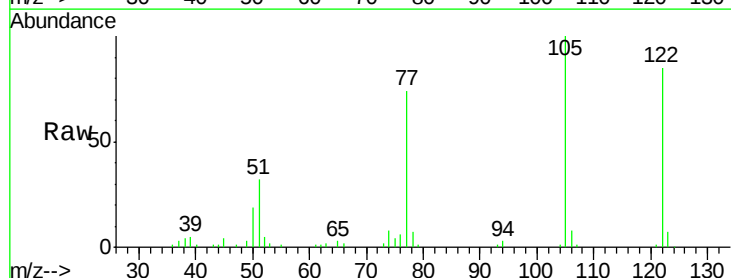
Tgt Ion:122 Resp: 183267

Ion Ratio Lower Upper

122 100

105 117.1 101.6 141.6

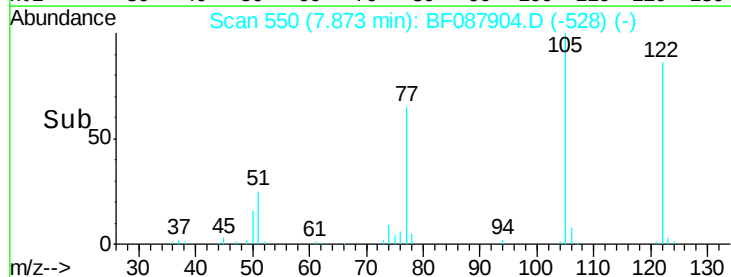
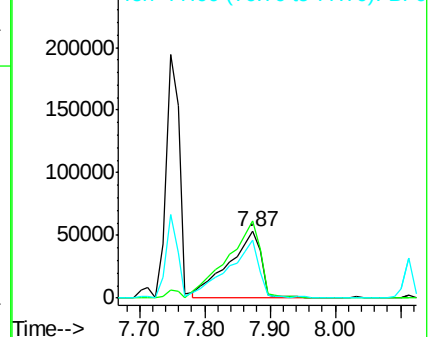
77 86.5 70.6 110.6

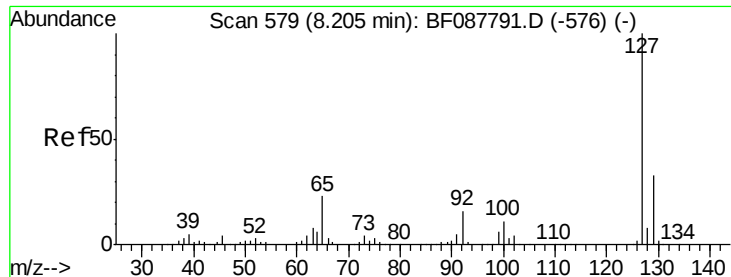


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

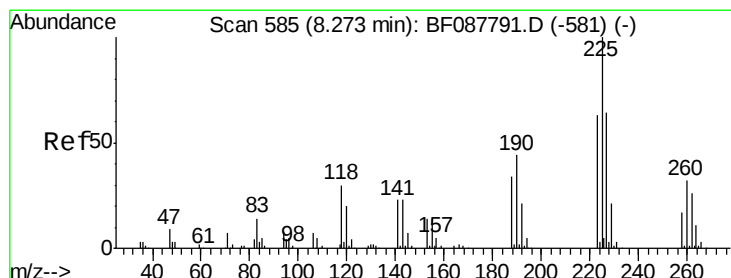
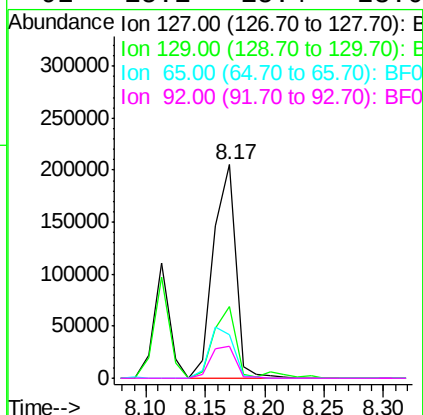
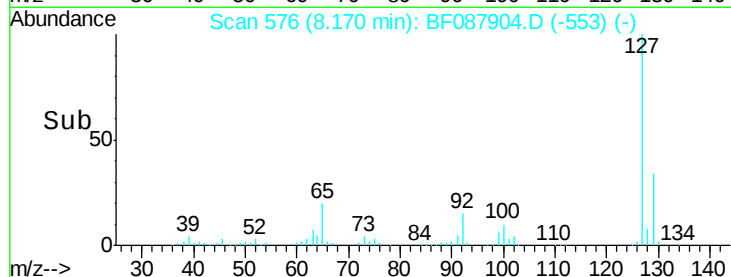
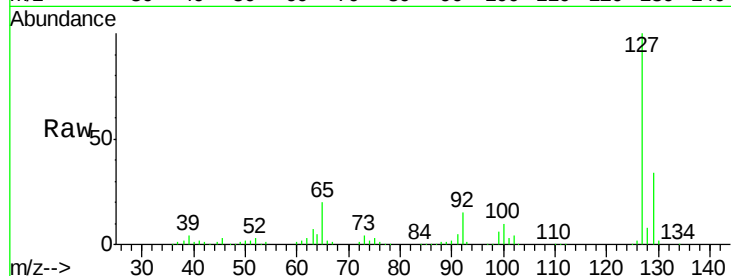




#33
4-Chloroaniline
Concen: 29.84 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

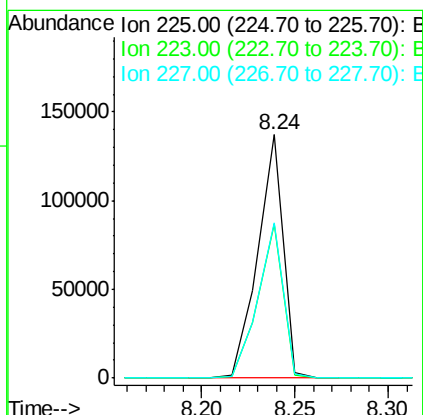
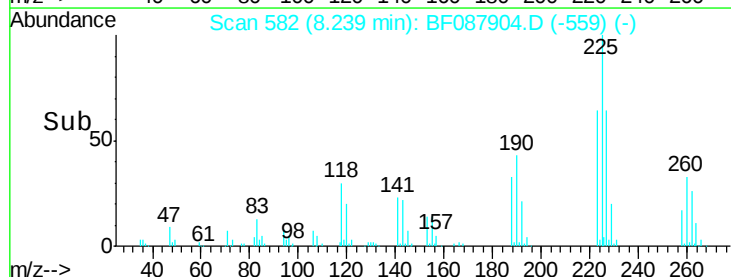
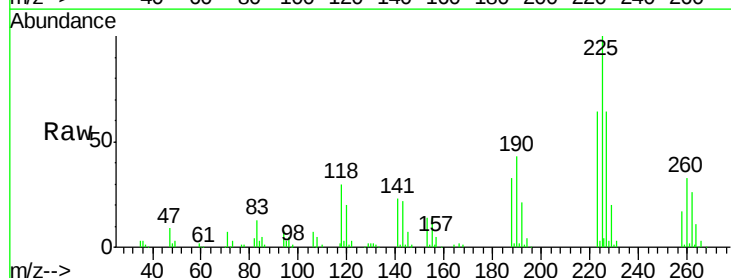
Instrument :
BNA_F
ClientSampleId :
PB91125BS

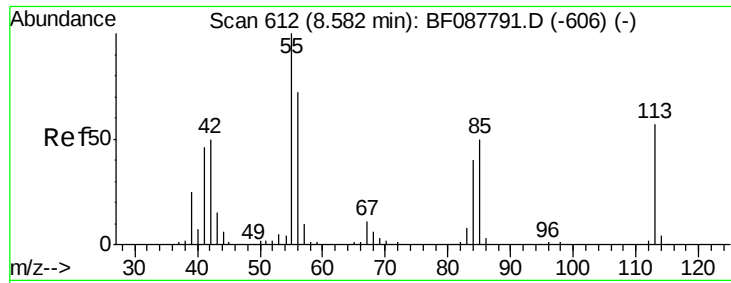
Tot Ion:	127	Resp:	266624
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.3	39.5
65	20.2	24.7	37.1#
92	15.1	15.4	23.0#



#34
Hexachlorobutadiene
Concen: 41.41 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion:	225	Resp:	131367
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.9	76.3
227	63.9	51.9	77.9

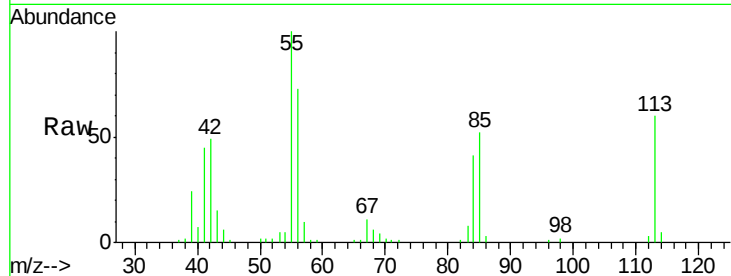




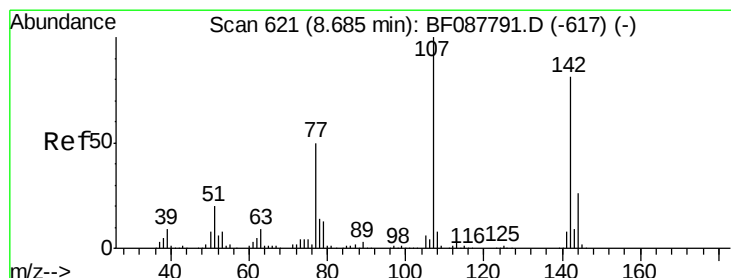
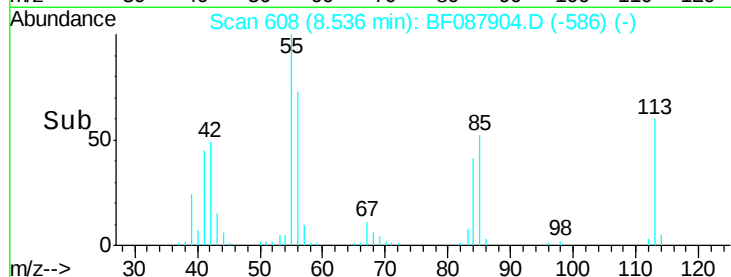
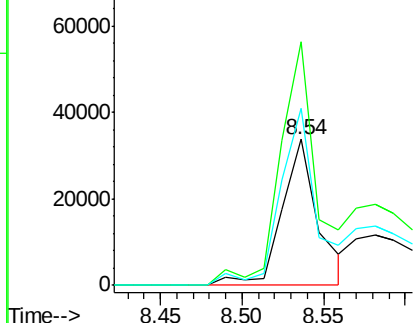
#35
Caprolactam
Concen: 28.49 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB91125BS

Tot Ion:113 Resp: 52135
Ion Ratio Lower Upper
113 100
55 166.9 158.6 198.6
56 121.0 110.6 150.6

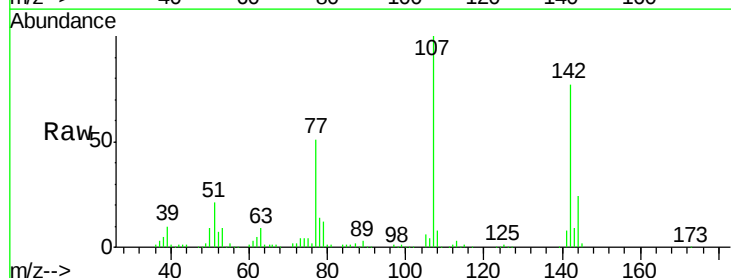


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

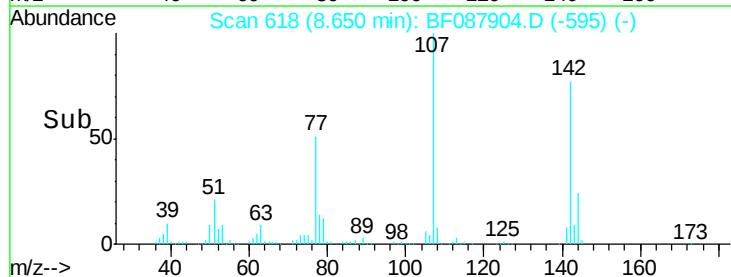
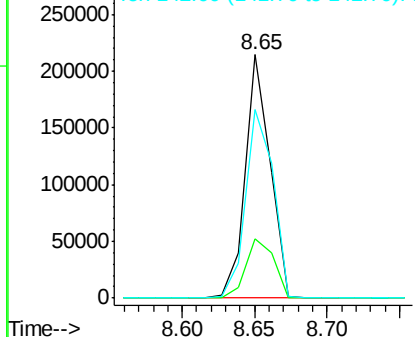


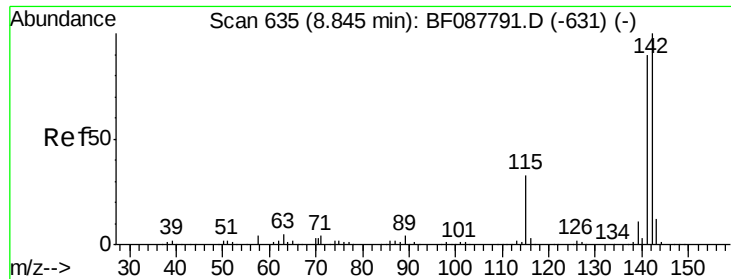
#36
4-Chloro-3-methylphenol
Concen: 43.08 ng
RT: 8.65 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion:107 Resp: 254515
Ion Ratio Lower Upper
107 100
144 24.3 20.8 31.2
142 77.3 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

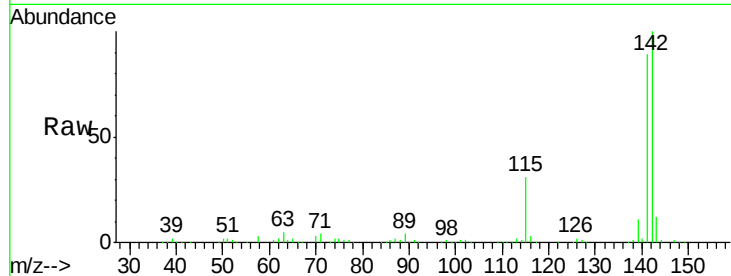




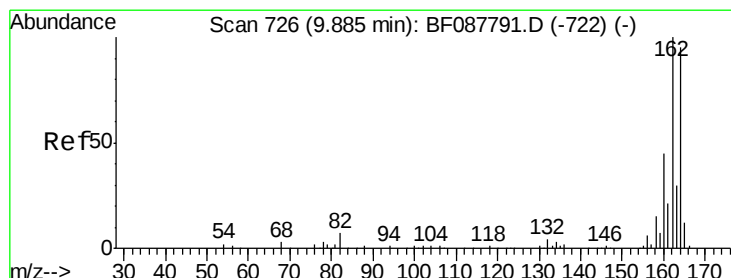
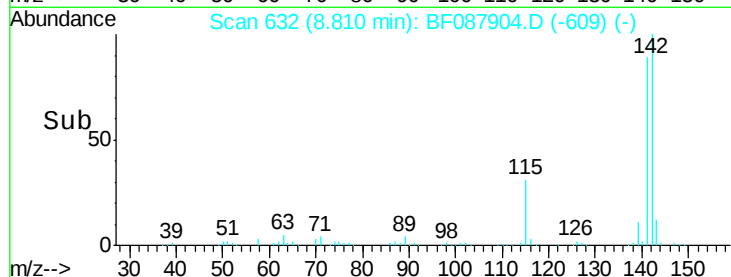
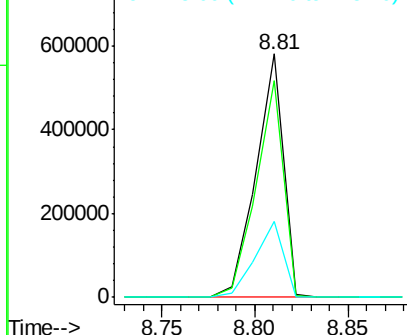
#37
2-Methylnaphthalene
Concen: 44.58 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB91125BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	31.2	22.6	33.8

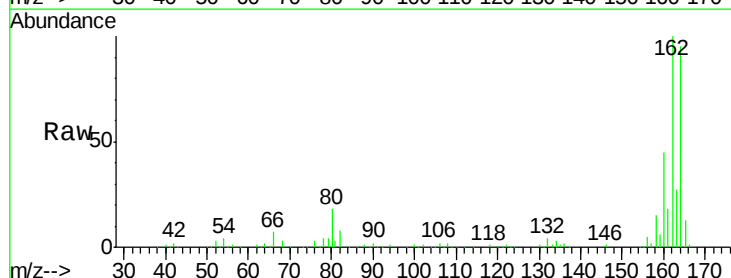


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

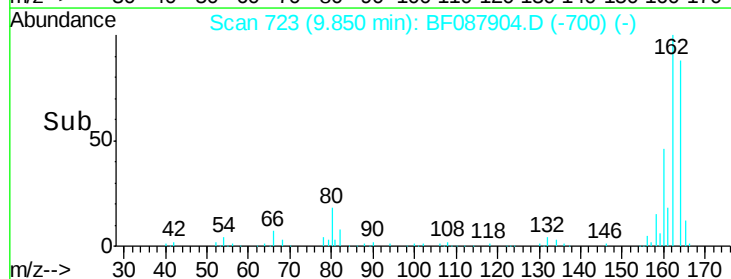
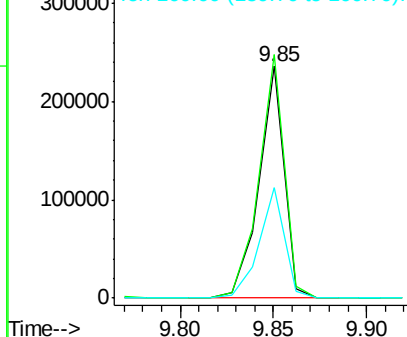


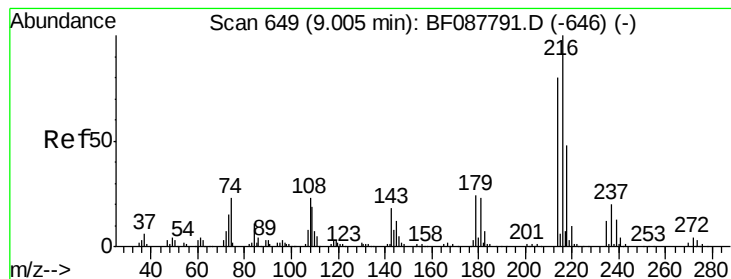
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.4	128.2
160	47.6	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.97 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

Tot Ion:216 Resp: 222353

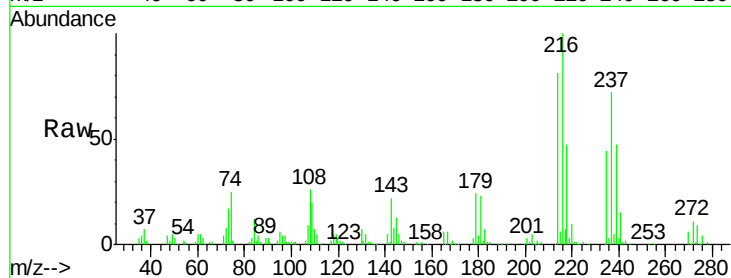
Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

179 21.4 0.0 0.0#

108 21.9 0.5 0.7#

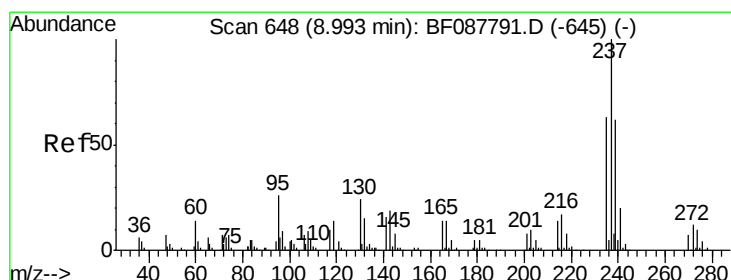
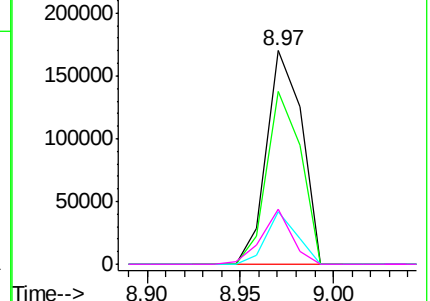
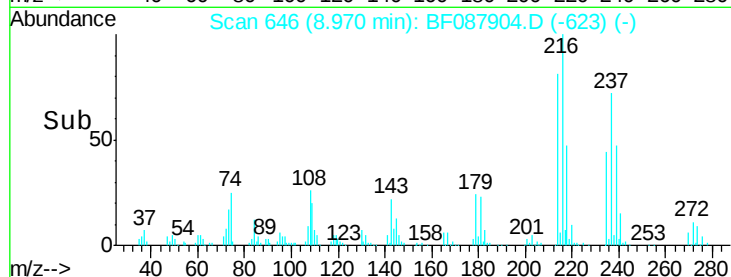


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 66.94 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

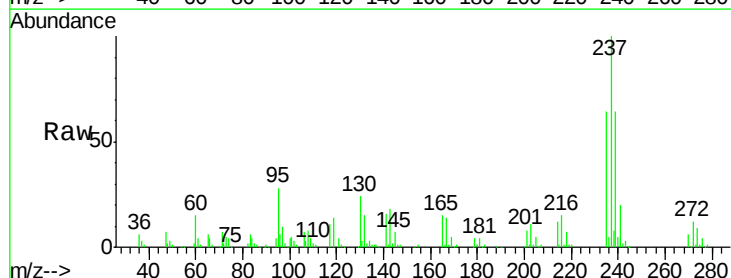
Tgt Ion:237 Resp: 235100

Ion Ratio Lower Upper

237 100

235 64.1 43.4 83.4

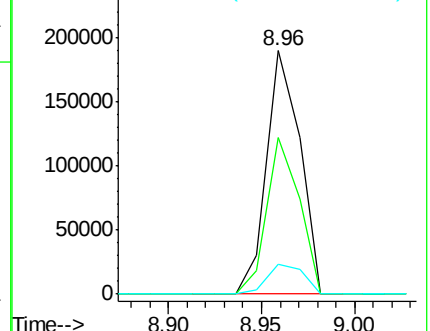
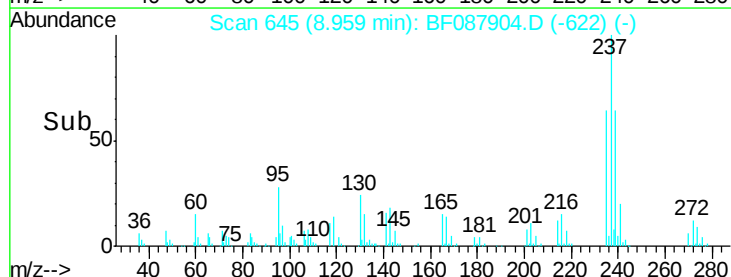
272 12.2 0.0 32.3

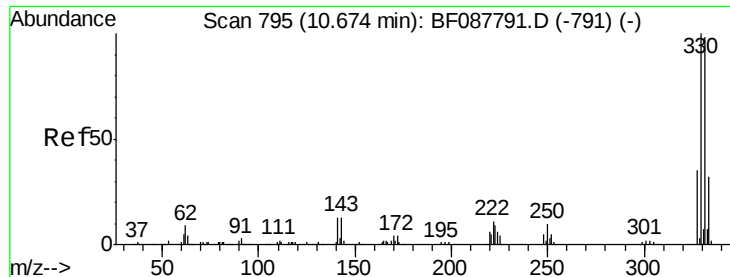


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

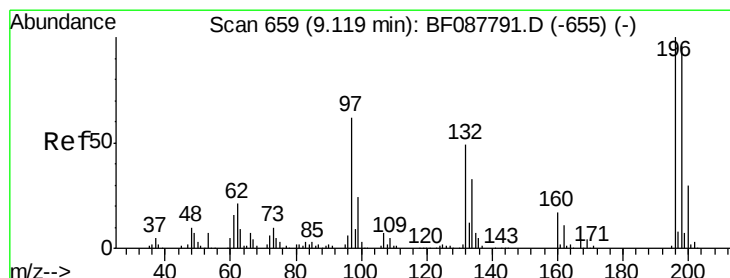
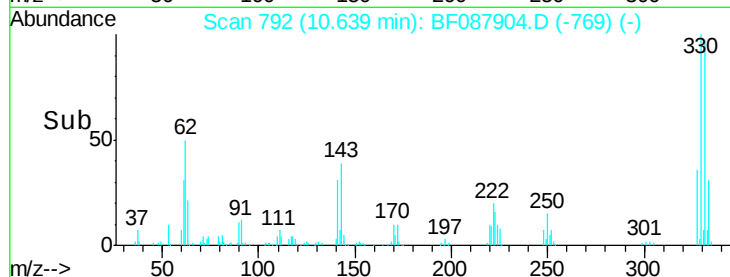
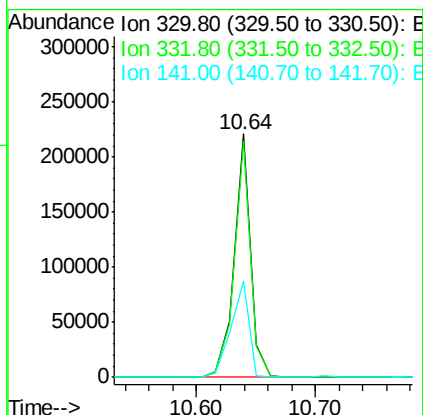
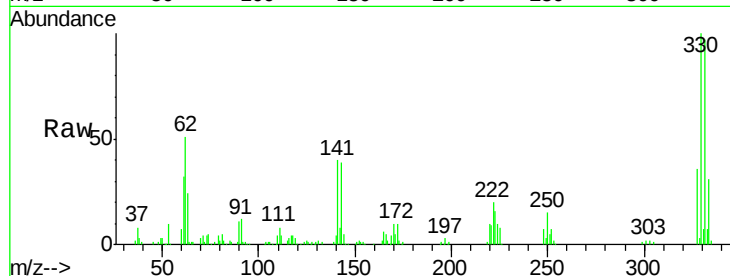




#41
 2,4,6-Tribromophenol
 Concen: 92.13 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

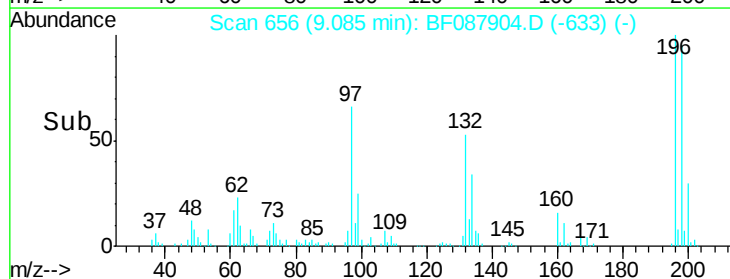
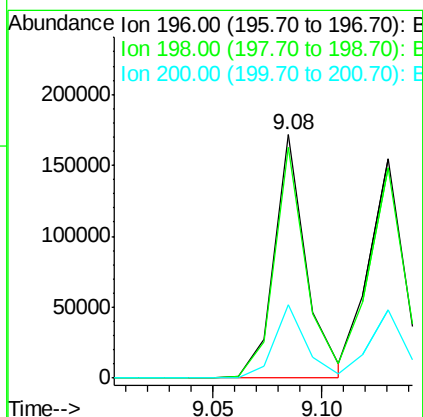
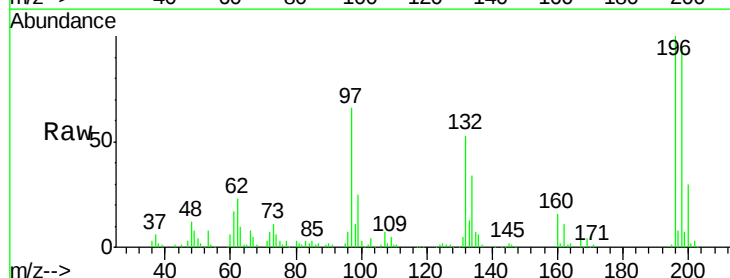
Instrument :
 BNA_F
 ClientSampleId :
 PB91125BS

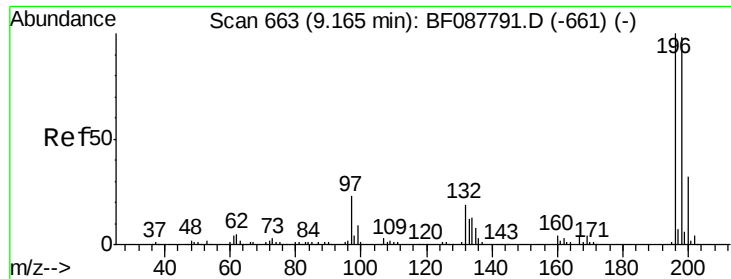
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	43.1	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 40.48 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	78.0	117.0
200	30.3	25.4	38.2

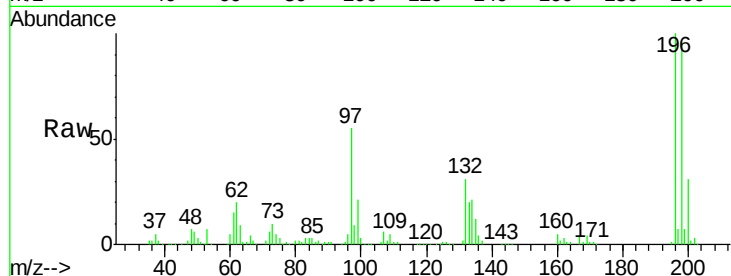




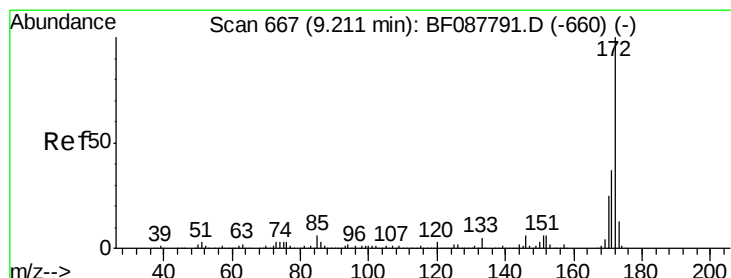
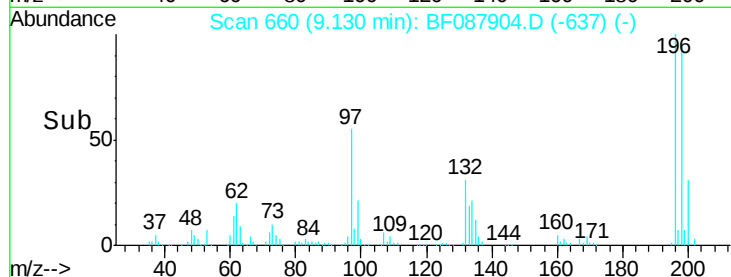
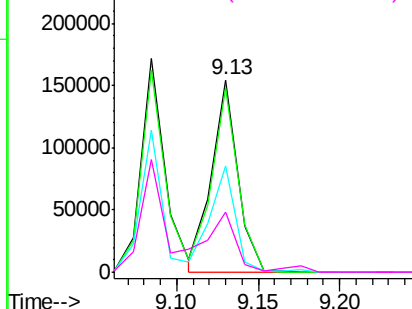
#43
 2,4,5-Trichlorophenol
 Concen: 38.12 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91125BS

Tot Ion:196 Resp: 172686
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.5 116.3
 97 55.5 32.0 48.0#
 132 31.1 20.9 31.3

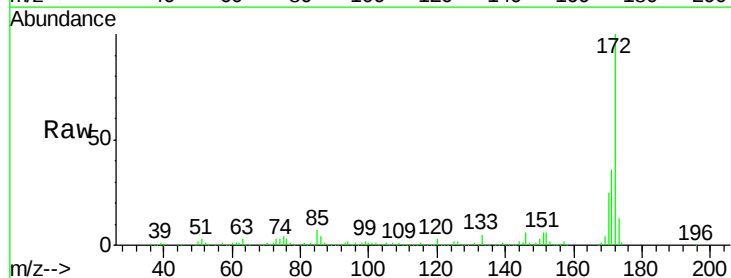


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

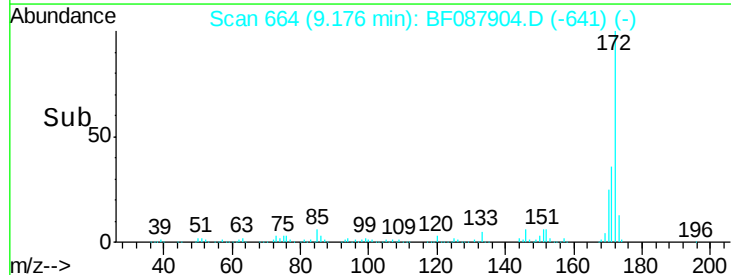
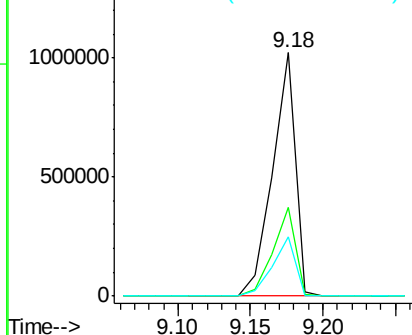


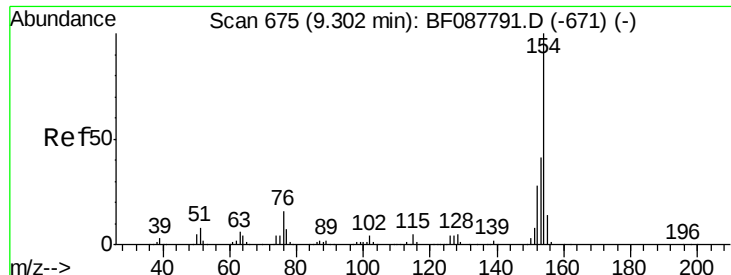
#44
 2-Fluorobiphenyl
 Concen: 80.13 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Tgt Ion:172 Resp: 1114943
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.6 19.2 28.8



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

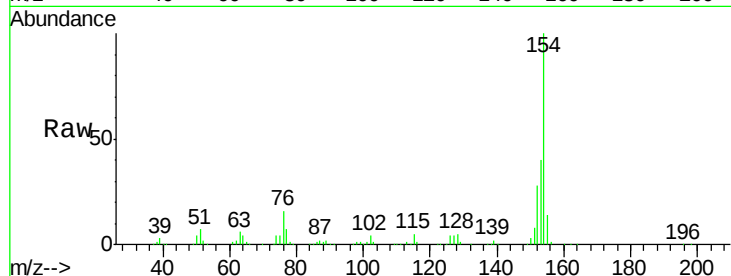




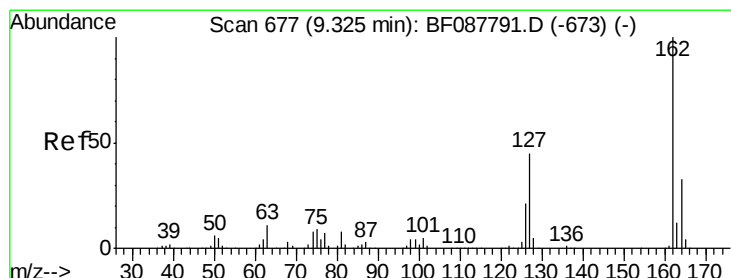
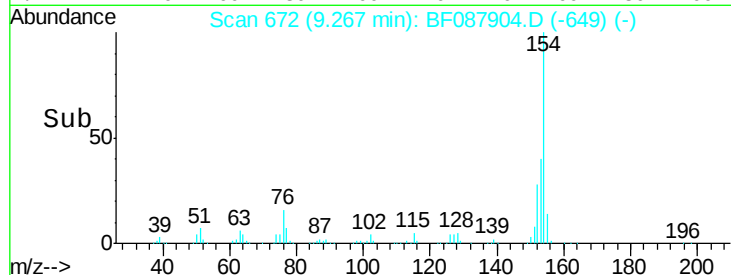
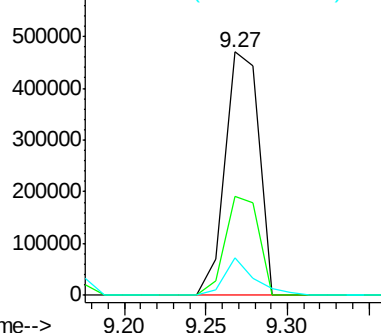
#45
 1,1'-Biphenyl
 Concen: 40.79 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.03 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91125BS

Tot Ion:154 Resp: 676086
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 15.6 0.0 35.1

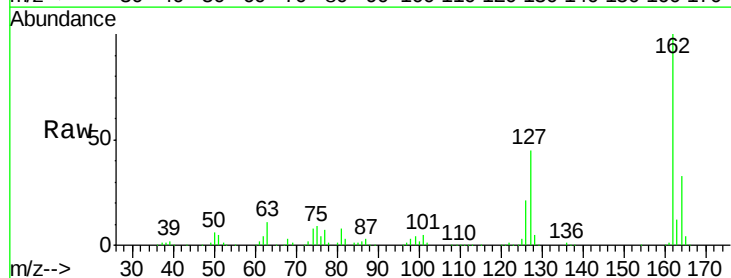


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

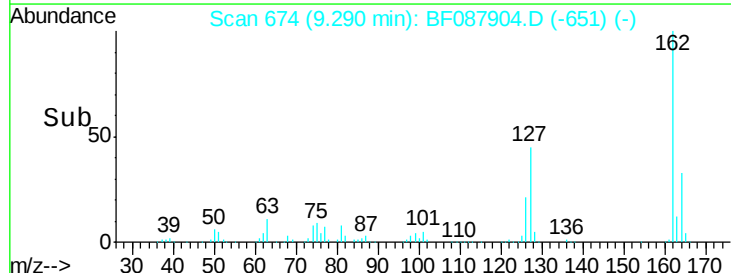
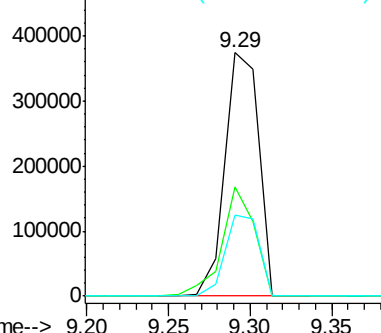


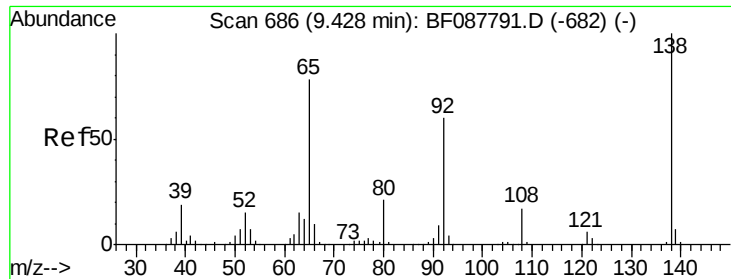
#46
 2-Chloronaphthalene
 Concen: 38.12 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Tgt Ion:162 Resp: 537015
 Ion Ratio Lower Upper
 162 100
 127 45.0 35.2 52.8
 164 33.2 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

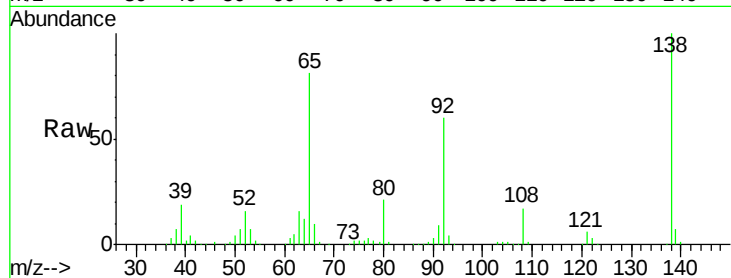




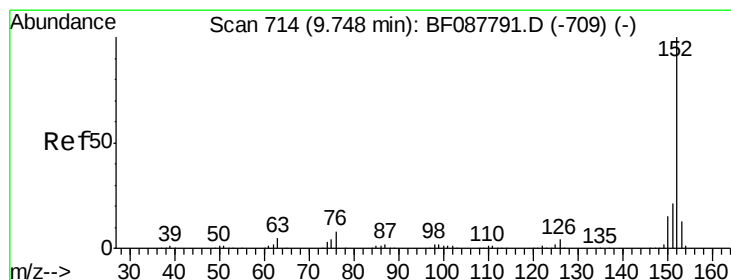
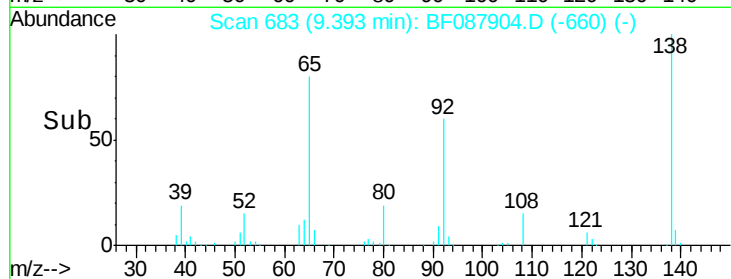
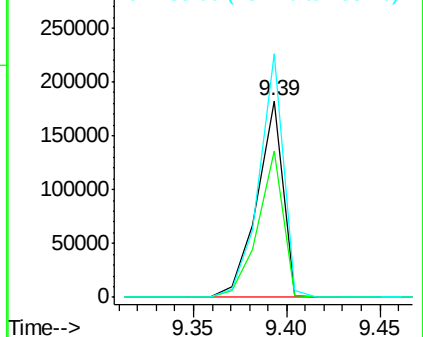
#47
2-Nitroaniline
Concen: 43.08 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB91125BS

Tot Ion: 65 Resp: 179054
Ion Ratio Lower Upper
65 100
92 74.6 54.6 82.0
138 123.9 77.0 115.4#

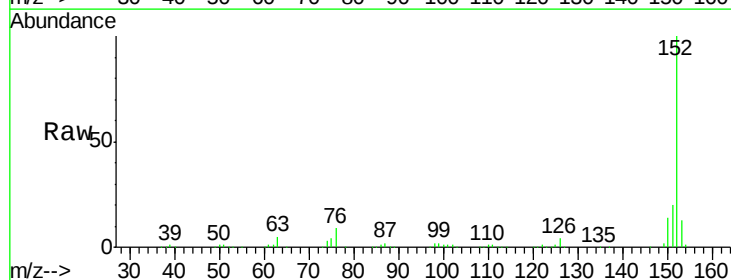


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

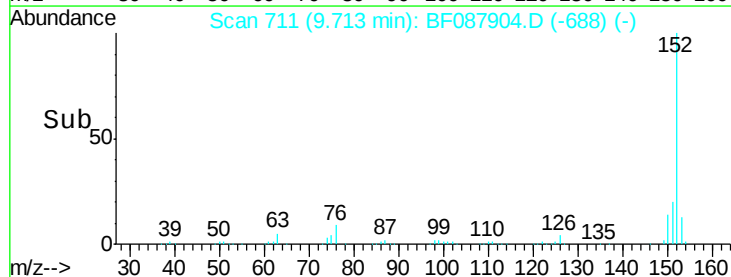
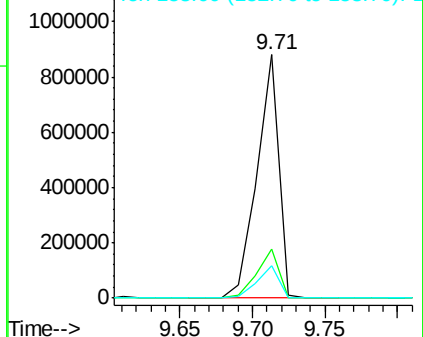


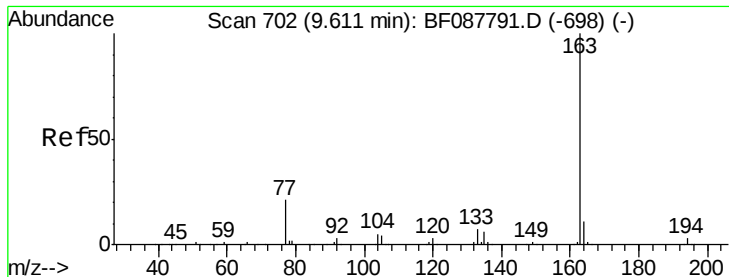
#48
Acenaphthylene
Concen: 40.93 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion: 152 Resp: 917185
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.4 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: 38.35 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

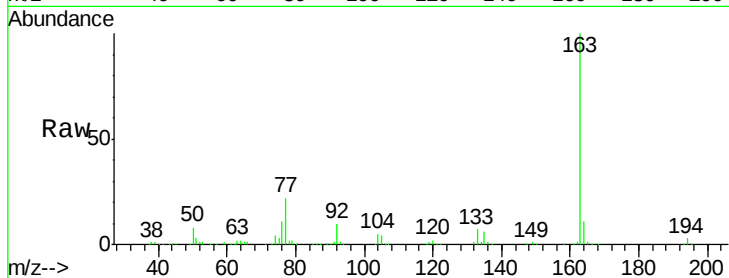
Tot Ion:163 Resp: 604771

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

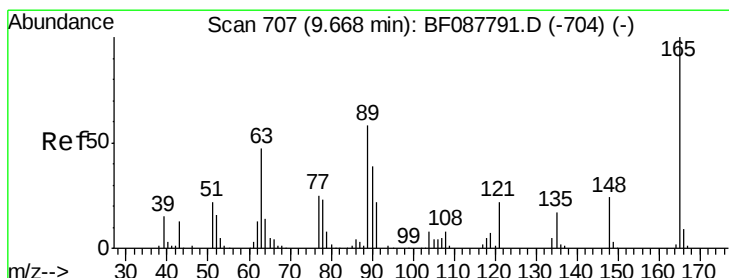
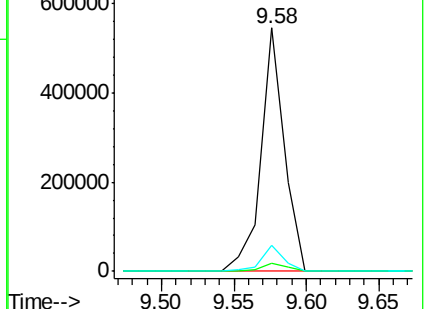
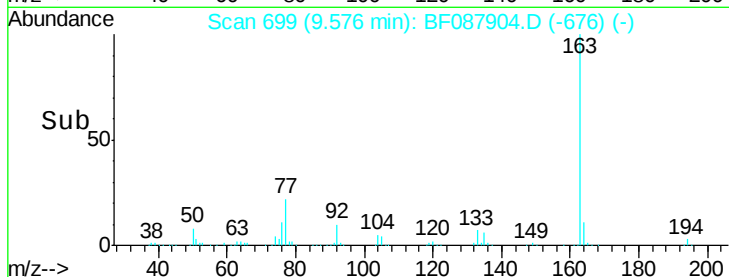
164 10.8 8.3 12.5



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: 38.48 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

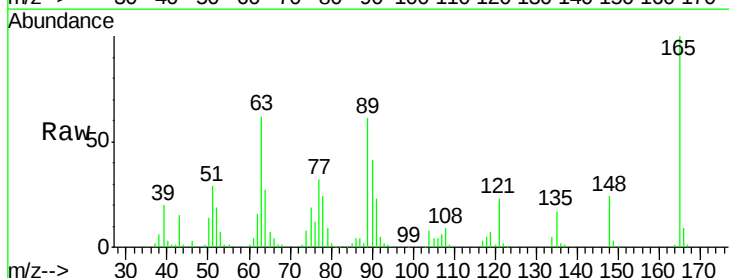
Tgt Ion:165 Resp: 138967

Ion Ratio Lower Upper

165 100

63 62.0 28.1 42.1#

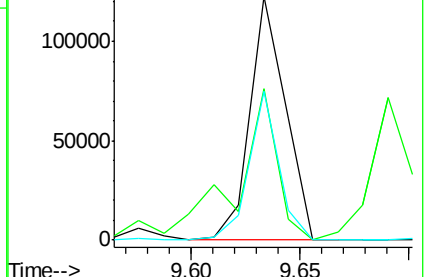
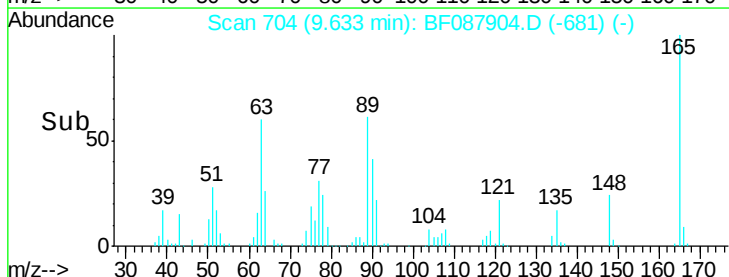
89 60.9 32.2 48.2#

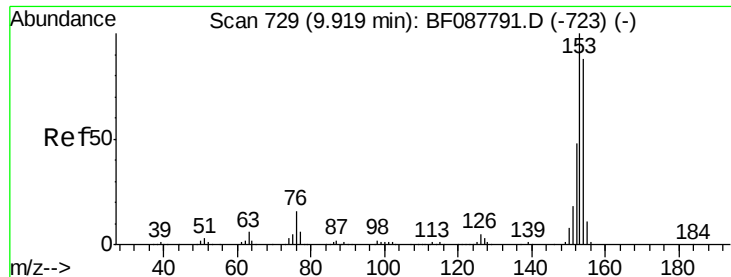


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.04 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

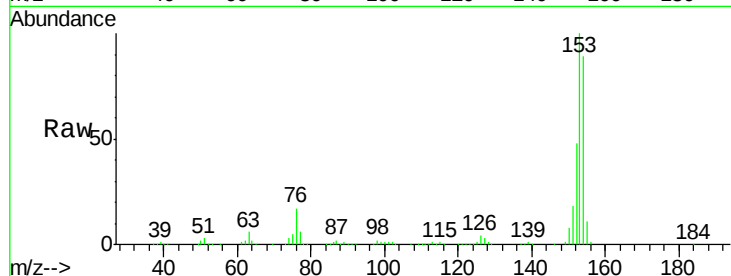
Tot Ion:154 Resp: 615636

Ion Ratio Lower Upper

154 100

153 112.4 89.5 134.3

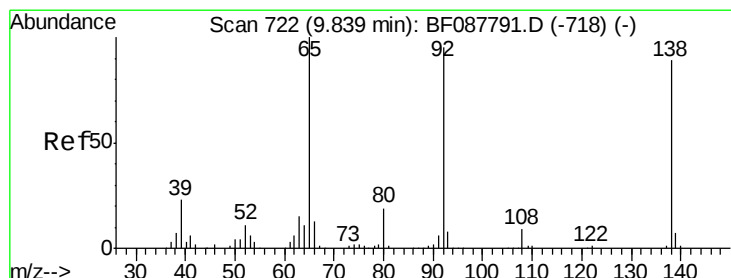
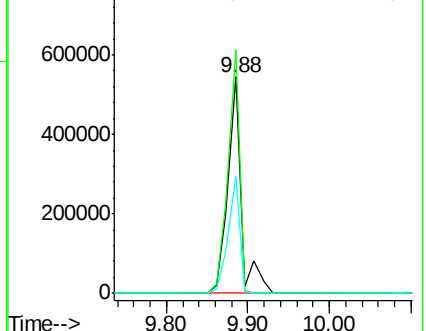
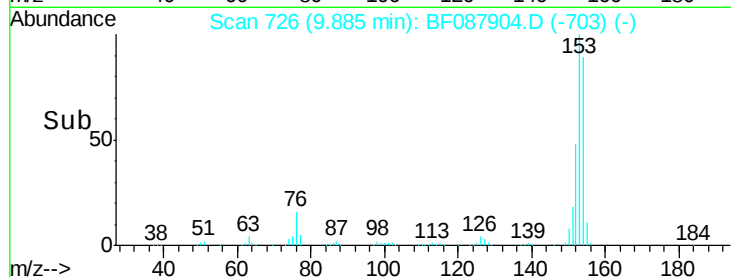
152 54.1 42.7 64.1



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: 32.68 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

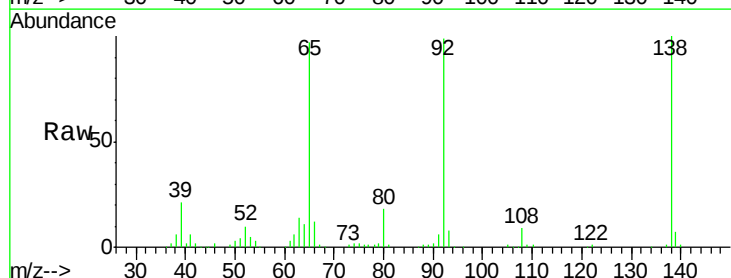
Tgt Ion:138 Resp: 136192

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

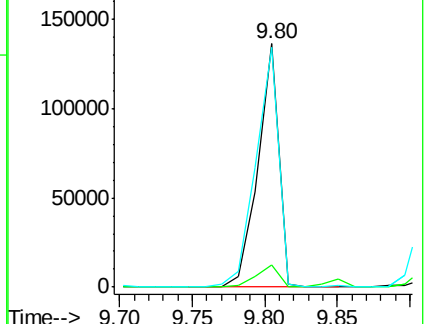
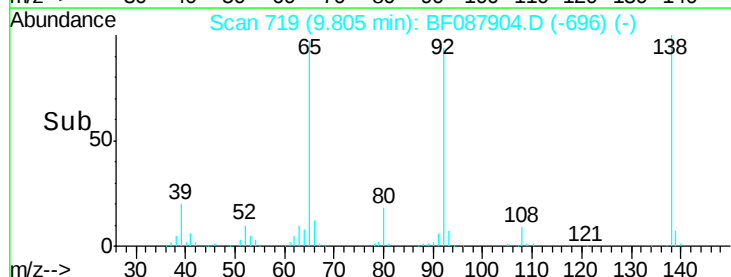
92 98.5 95.7 143.5

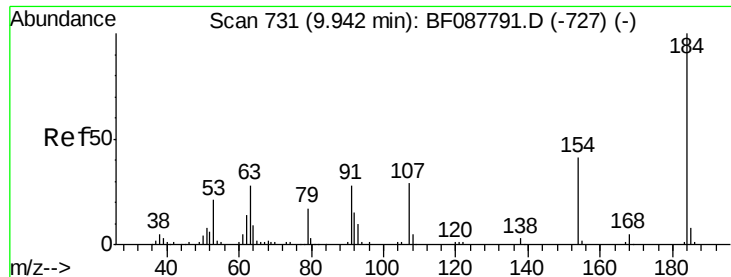


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

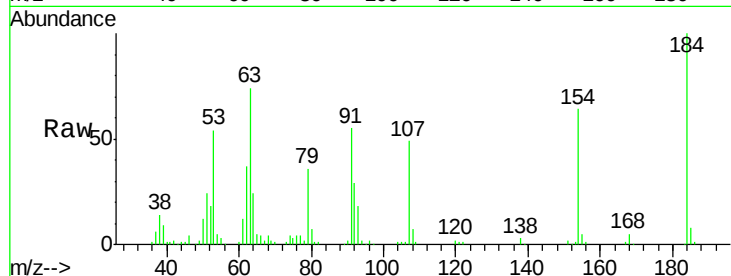




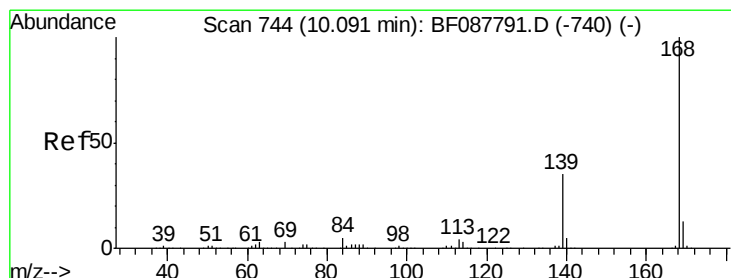
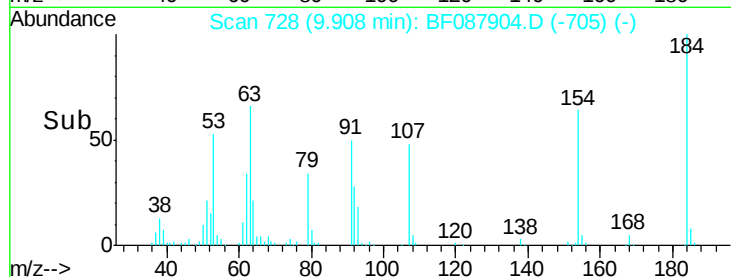
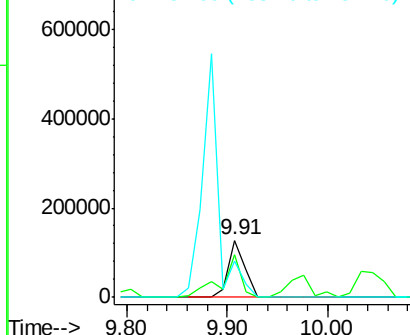
#53
2,4-Dinitrophenol
Concen: 75.26 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB91125BS

Tot Ion:184 Resp: 146658
Ion Ratio Lower Upper
184 100
63 74.0 57.6 86.4
154 63.6 53.5 80.3

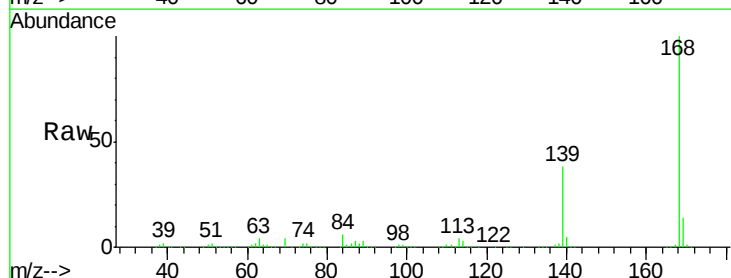


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

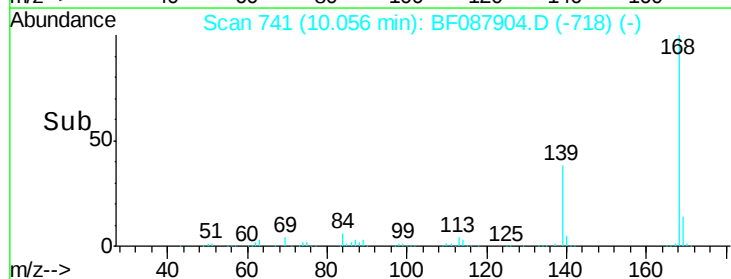
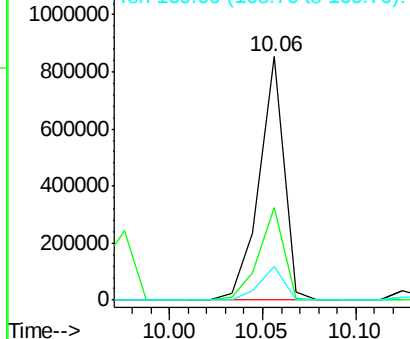


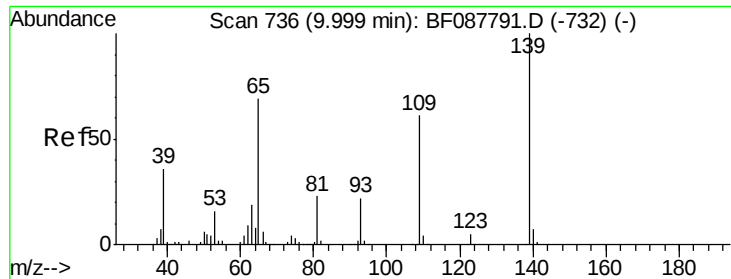
#54
Dibenzofuran
Concen: 40.61 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion:168 Resp: 781803
Ion Ratio Lower Upper
168 100
139 38.1 26.4 39.6
169 13.9 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

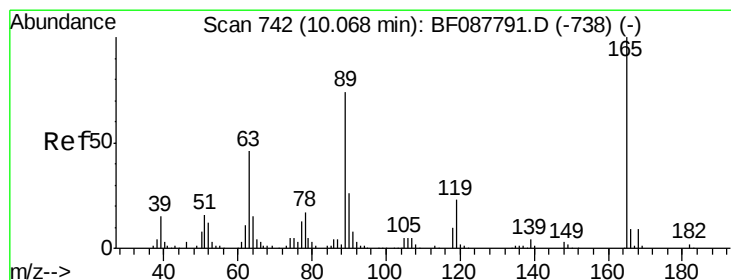
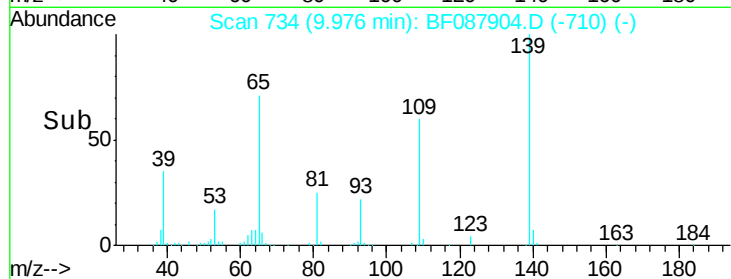
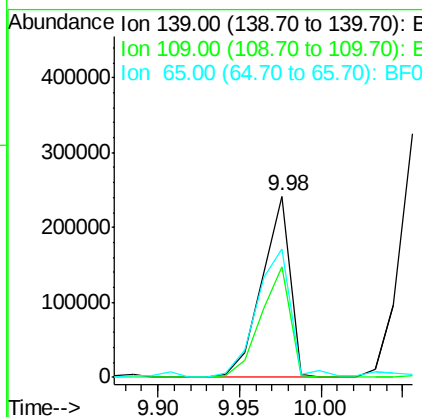
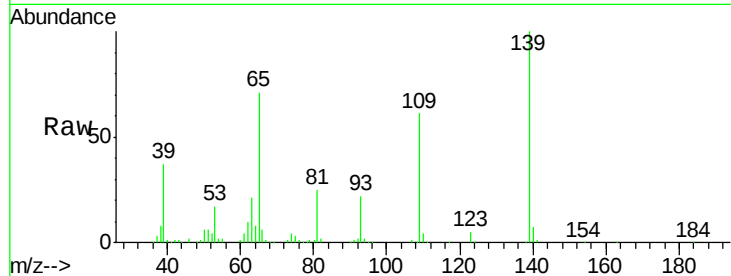




#55
4-Nitrophenol
Concen: 90.01 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

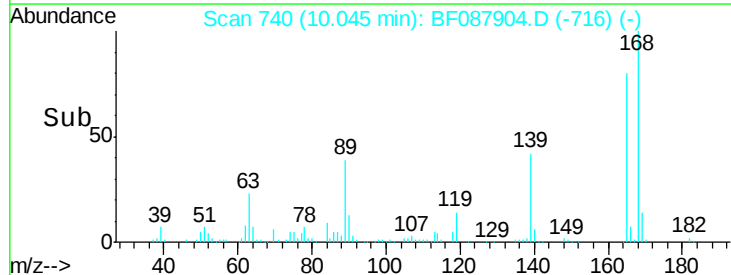
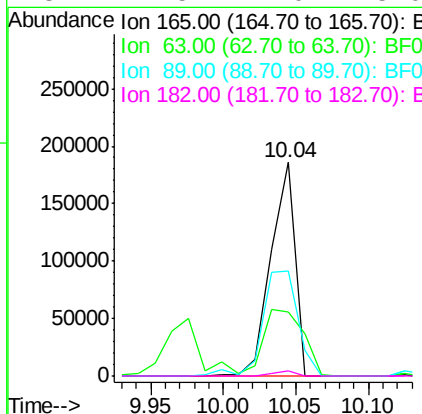
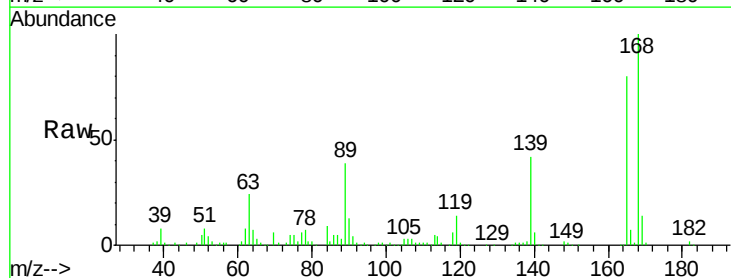
Instrument :
BNA_F
ClientSampleId :
PB91125BS

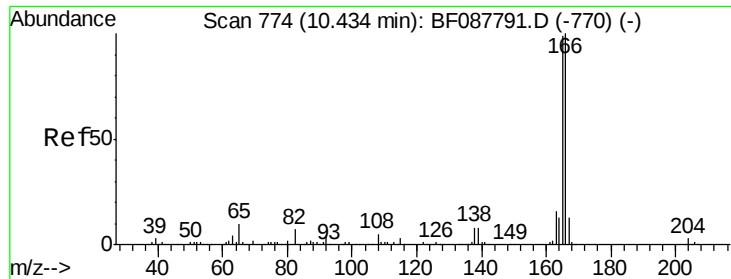
Tot Ion:139 Resp: 291150
Ion Ratio Lower Upper
139 100
109 60.7 48.9 88.9
65 71.1 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 46.34 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion:165 Resp: 215111
Ion Ratio Lower Upper
165 100
63 29.7 22.0 33.0
89 49.0 41.1 61.7
182 2.5 2.0 3.0

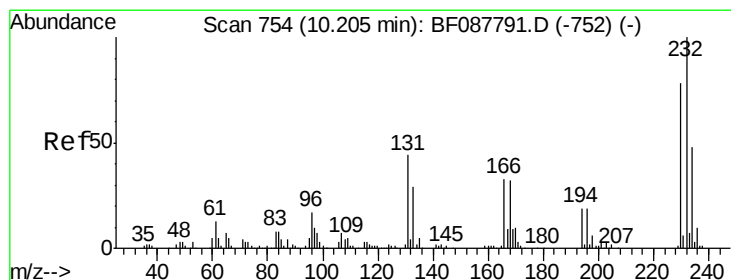
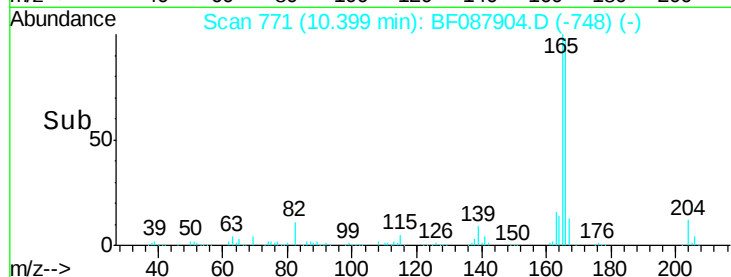
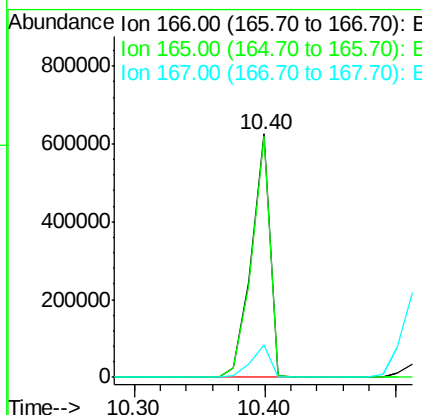
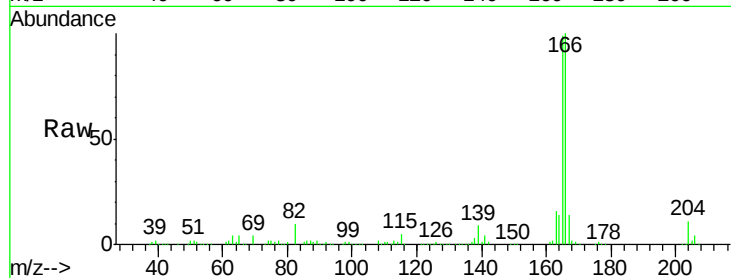




#57
 Fluorene
 Concen: 47.86 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

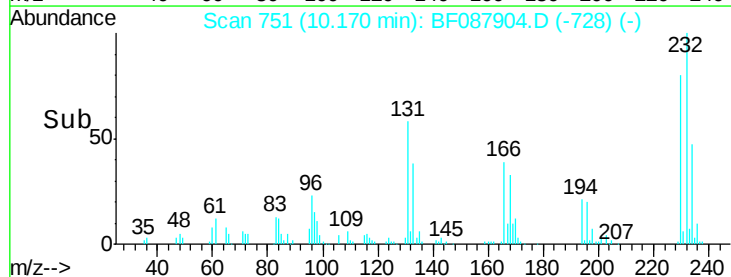
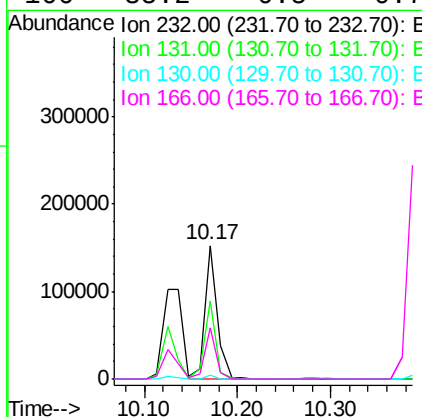
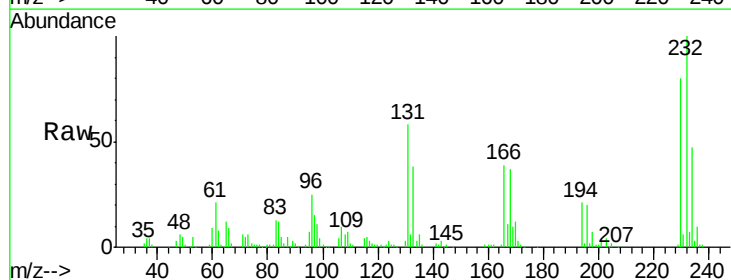
Instrument :
 BNA_F
 ClientSampleId :
 PB91125BS

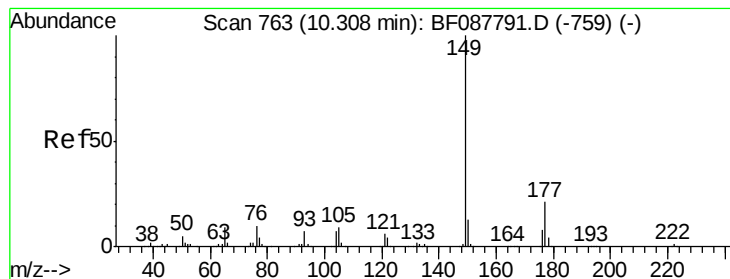
Tot Ion:166 Resp: 618711
 Ion Ratio Lower Upper
 166 100
 165 98.9 77.8 116.8
 167 13.5 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.15 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Tgt Ion:232 Resp: 142924
 Ion Ratio Lower Upper
 232 100
 131 52.6 0.9 1.3#
 130 2.5 1.5 2.3#
 166 35.2 0.5 0.7#





#59

Diethylphthalate

Concen: 39.28 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

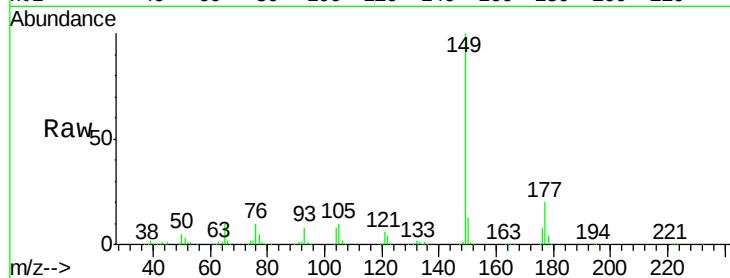
Tot Ion:149 Resp: 627037

Ion Ratio Lower Upper

149 100

177 20.0 16.9 25.3

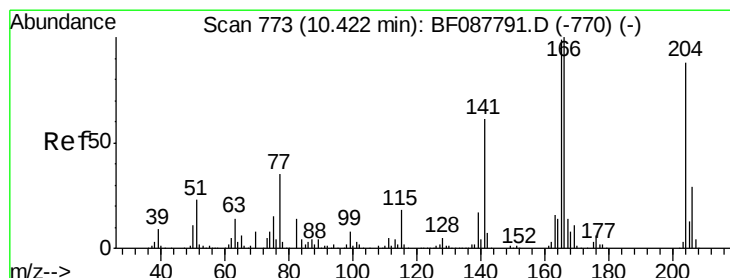
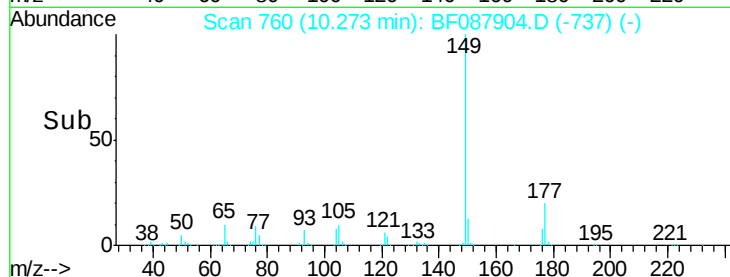
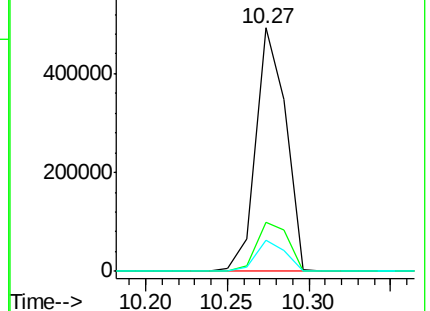
150 12.8 10.1 15.1



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: 35.57 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

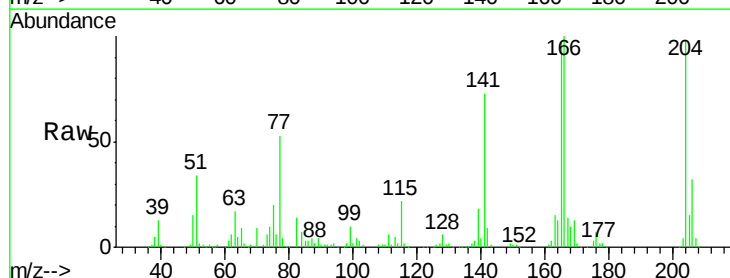
Tgt Ion:204 Resp: 227739

Ion Ratio Lower Upper

204 100

206 32.6 26.3 39.5

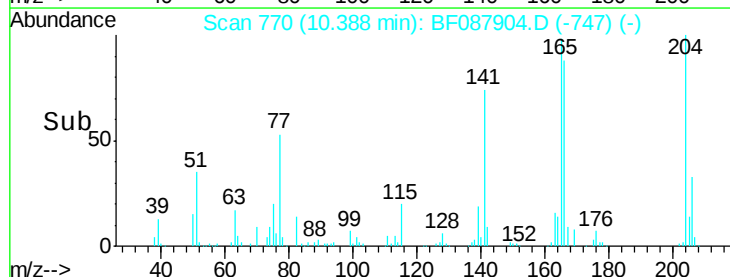
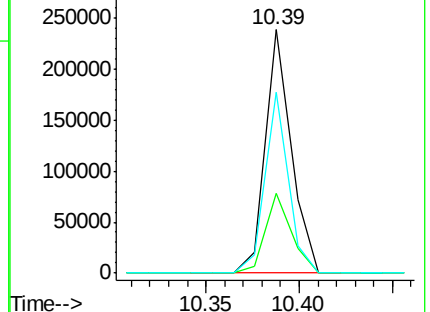
141 74.5 55.0 82.6

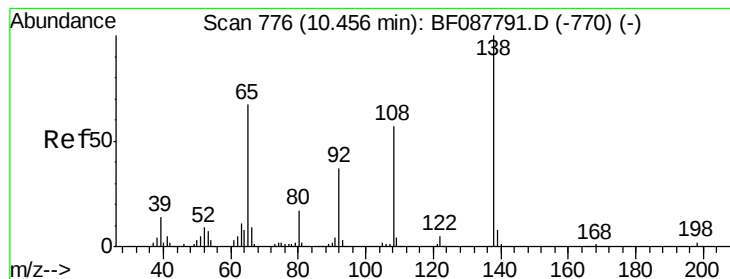


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.66 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

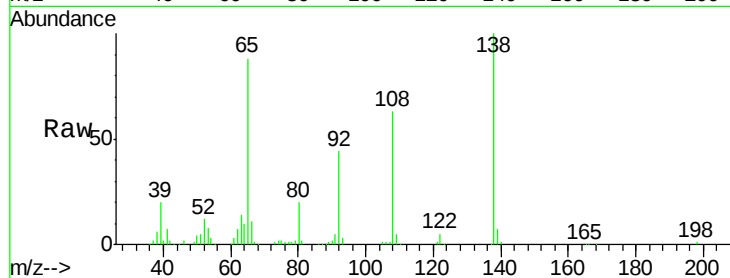
Tot Ion:138 Resp: 180503

Ion Ratio Lower Upper

138 100

92 44.4 27.3 67.3

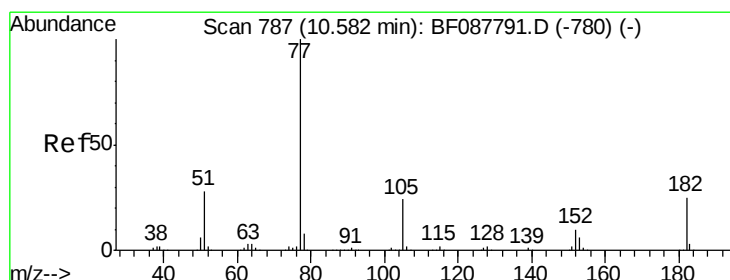
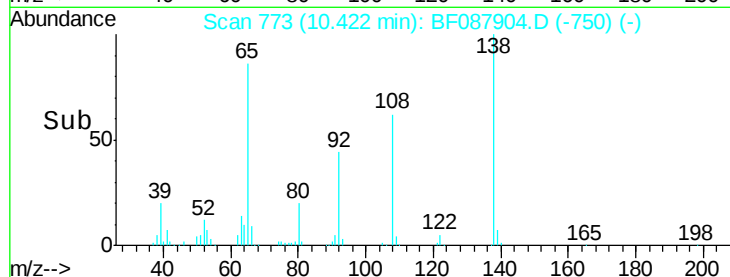
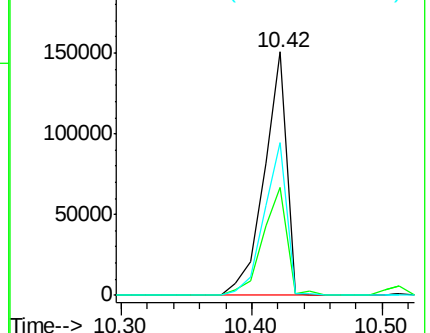
108 62.8 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.09 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Tgt Ion: 77 Resp: 617139

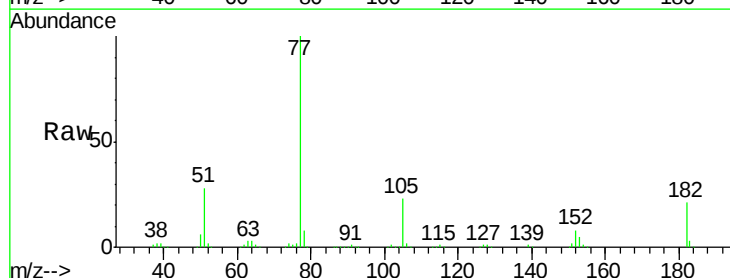
Ion Ratio Lower Upper

77 100

182 20.9 4.4 44.4

105 23.1 3.8 43.8

51 28.0 9.3 49.3

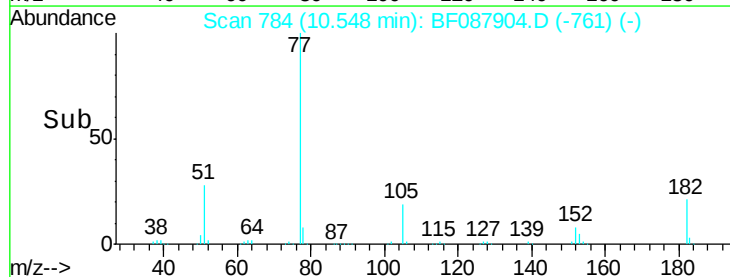
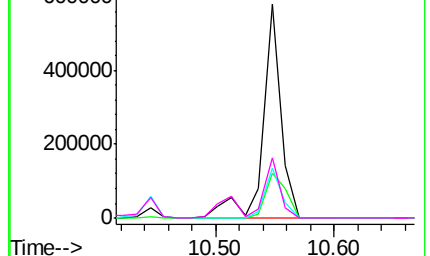


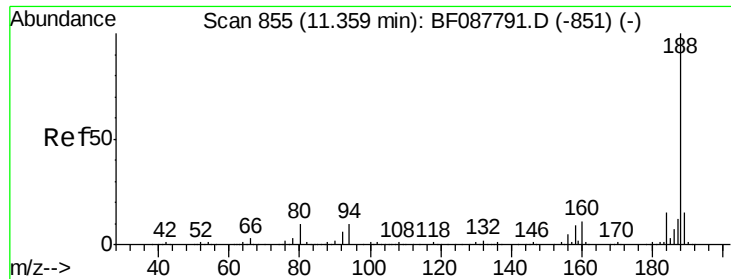
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

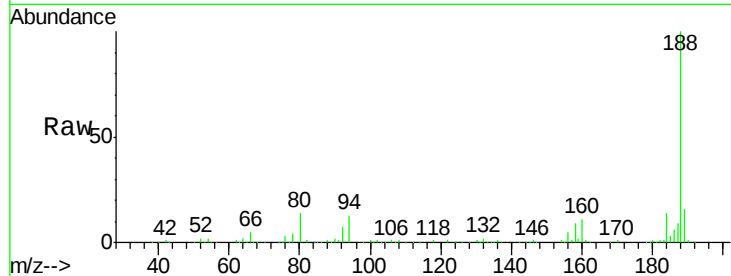




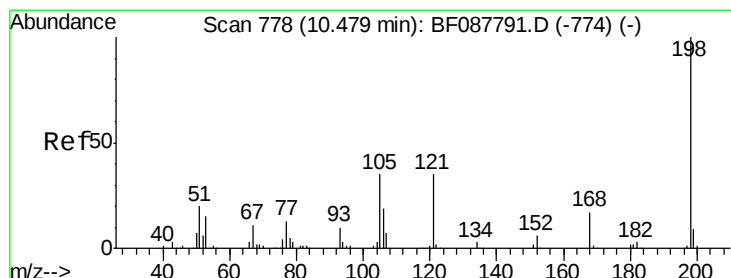
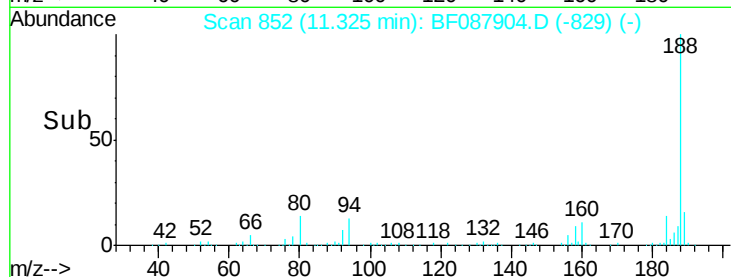
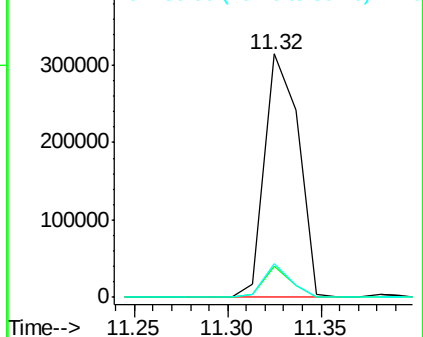
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB91125BS

Tot Ion:188 Resp: 396535
Ion Ratio Lower Upper
188 100
94 12.8 9.0 13.6
80 14.1 10.0 15.0

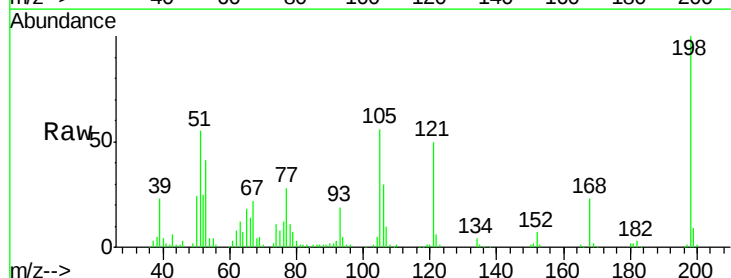


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

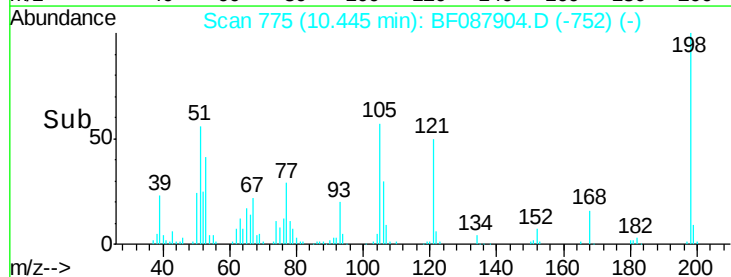
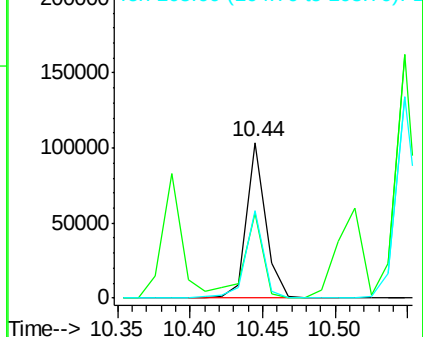


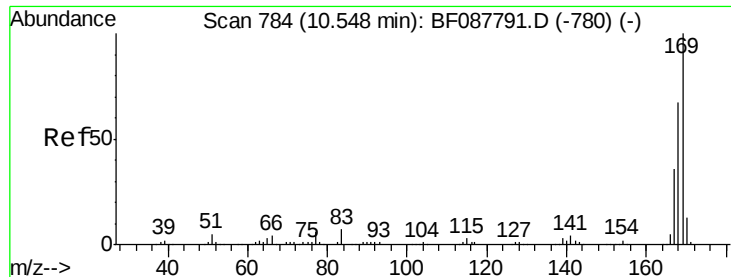
#64
4,6-Dinitro-2-methylphenol
Concen: 38.82 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion:198 Resp: 95025
Ion Ratio Lower Upper
198 100
51 54.6 39.6 79.6
105 56.1 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

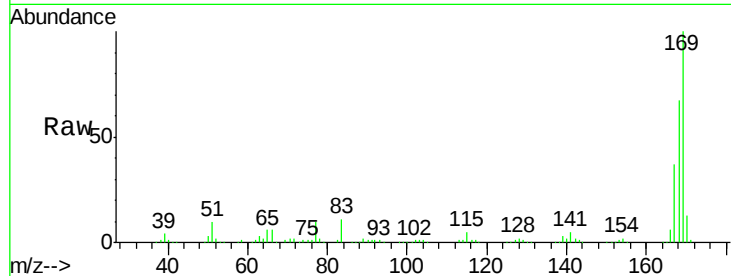




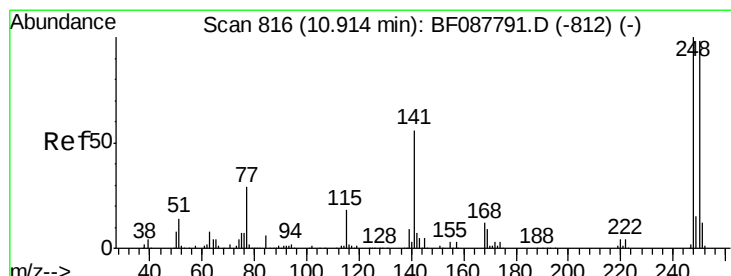
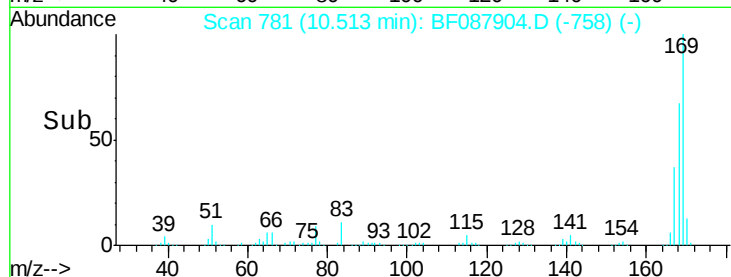
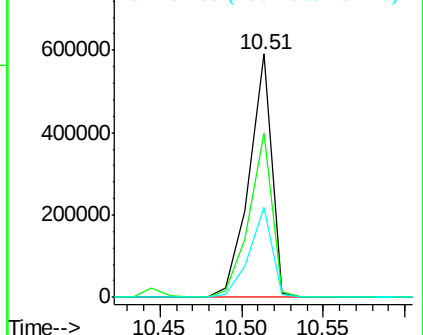
#65
n-Nitrosodiphenylamine
Concen: 43.66 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB91125BS

Tot Ion:169 Resp: 574498
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.0
167 36.9 29.4 44.0

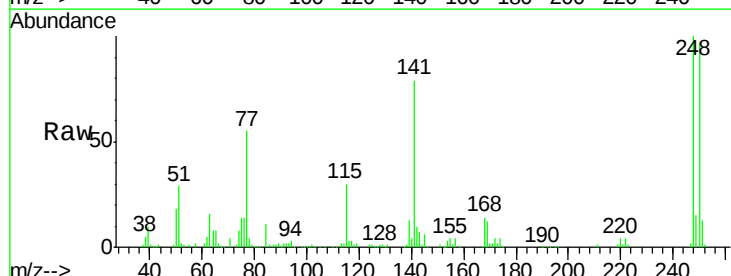


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

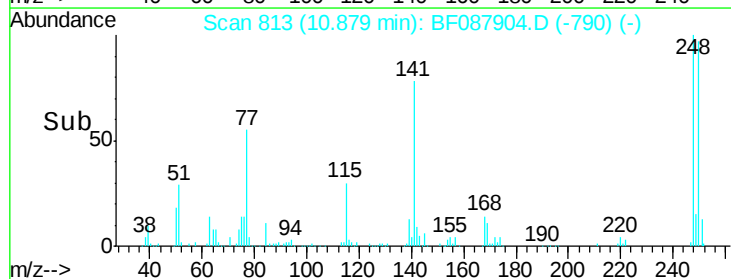
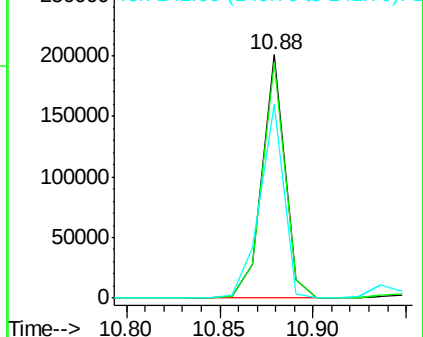


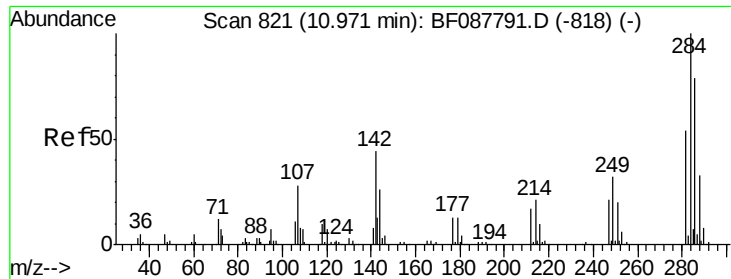
#66
4-Bromophenyl-phenylether
Concen: 39.58 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion:248 Resp: 168362
Ion Ratio Lower Upper
248 100
250 96.9 77.1 115.7
141 79.3 50.6 76.0#



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

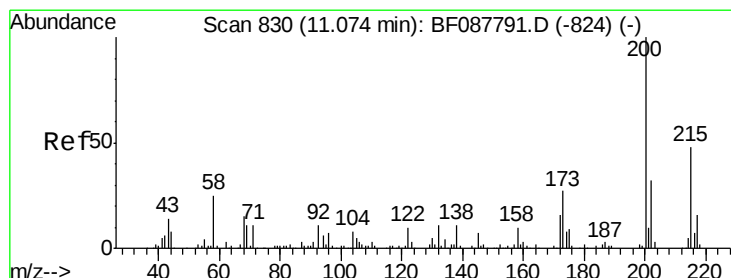
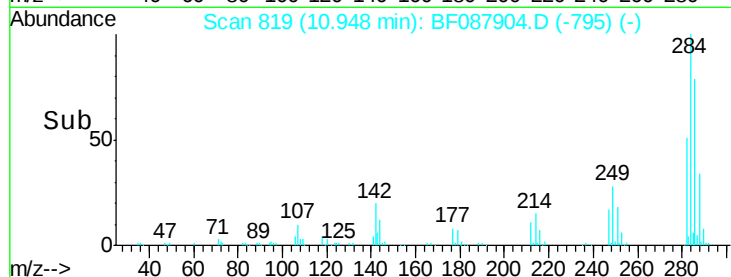
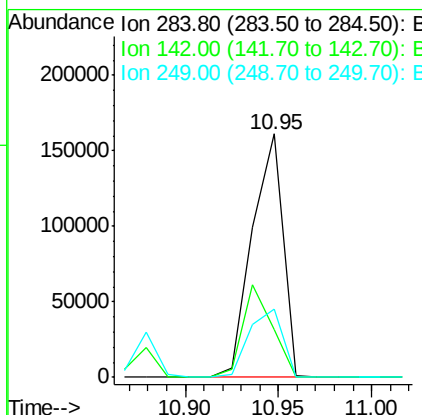
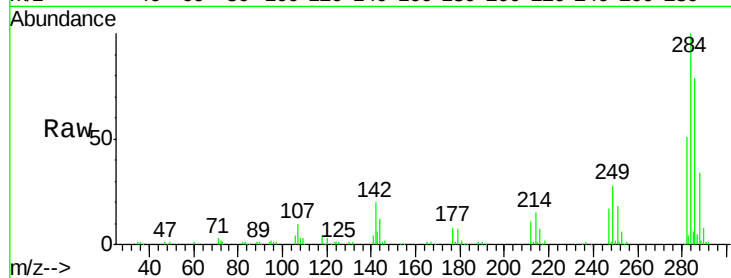




#67
 Hexachlorobenzene
 Concen: 41.54 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

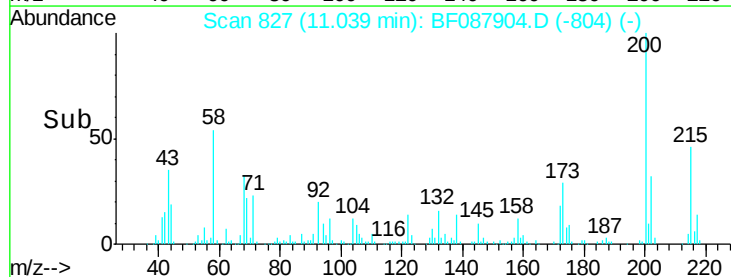
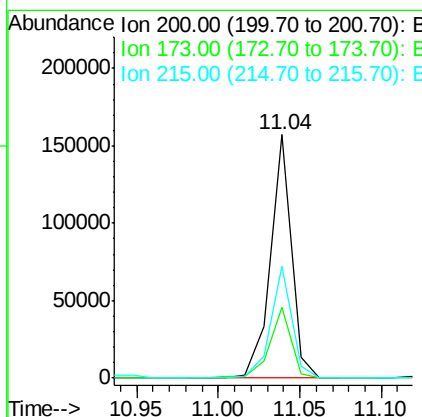
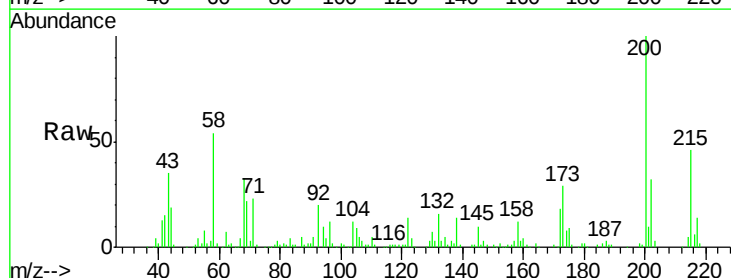
Instrument :
 BNA_F
 ClientSampleId :
 PB91125BS

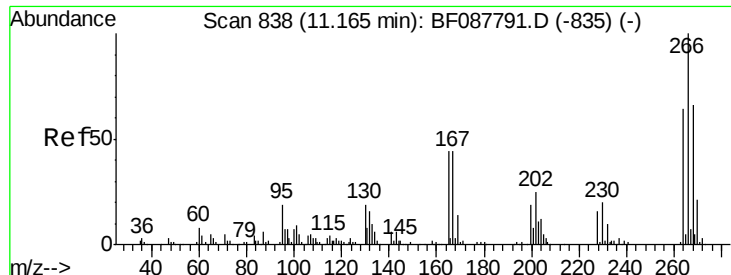
Tot Ion	Ratio	Lower	Upper
284	100		
142	19.8	35.8	53.8#
249	28.0	25.8	38.6



#68
 Atrazine
 Concen: 35.58 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	4.0	44.0
215	45.7	29.3	69.3

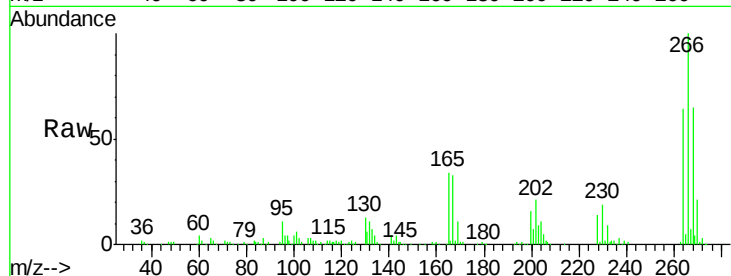




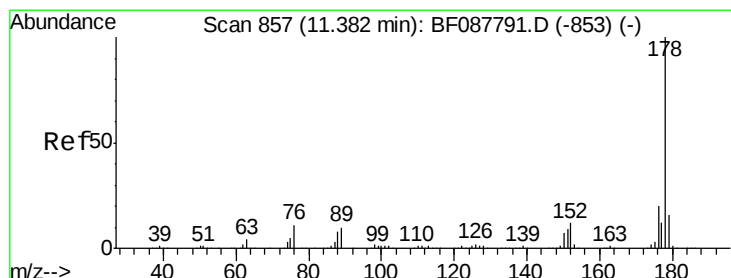
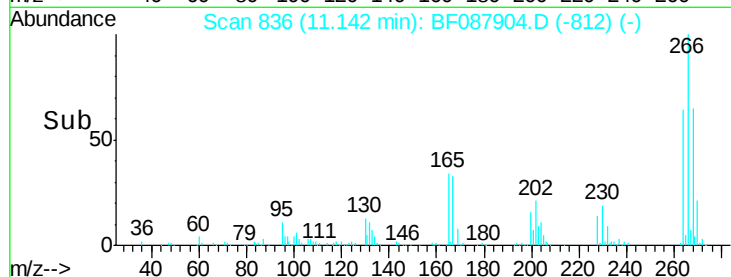
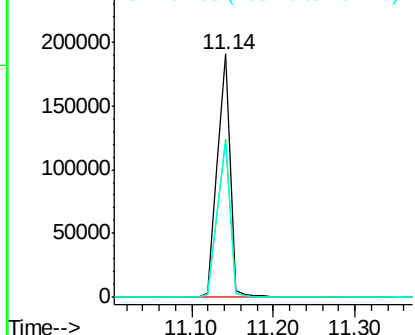
#69
 Pentachlorophenol
 Concen: 90.28 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB91125BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.8	79.2
264	63.6	49.6	74.4

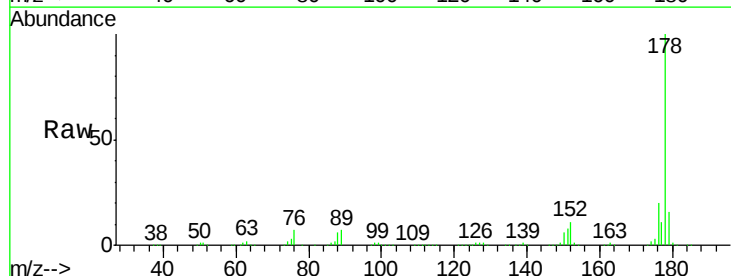


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

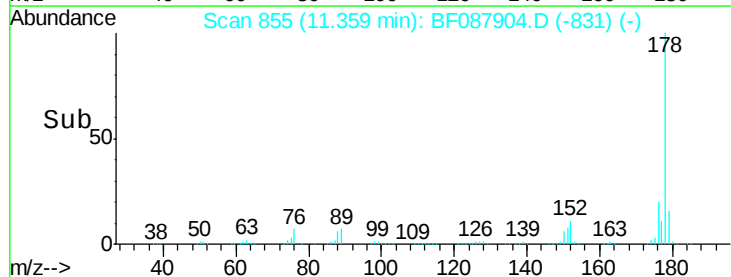
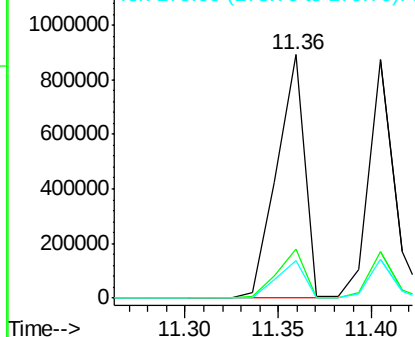


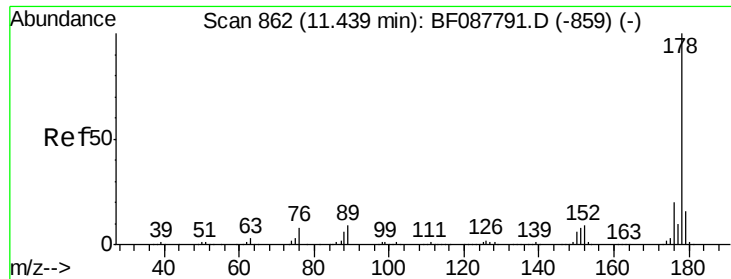
#70
 Phenanthrene
 Concen: 44.54 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	15.6	13.0	19.4



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

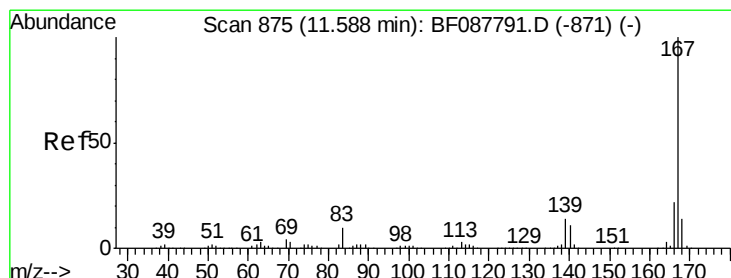
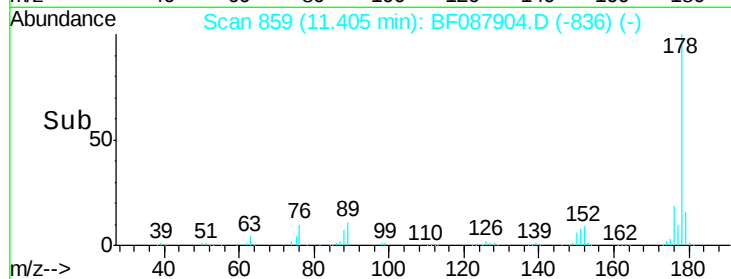
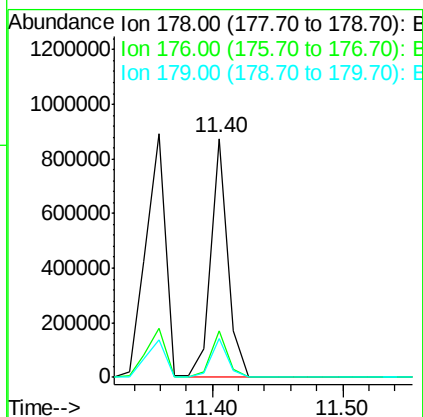
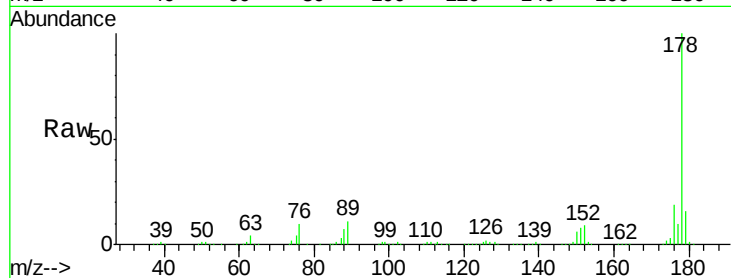




#71
 Anthracene
 Concen: 37.73 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

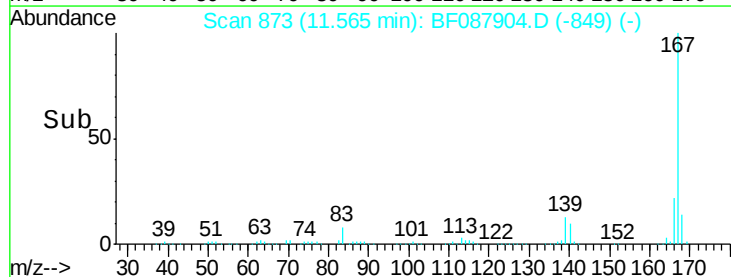
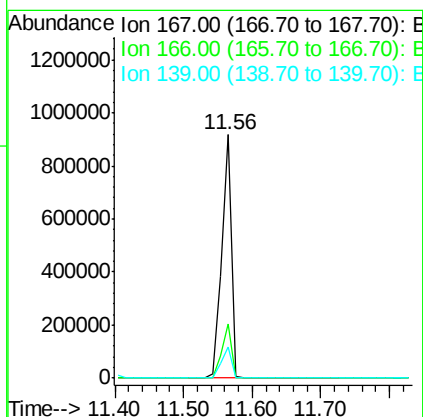
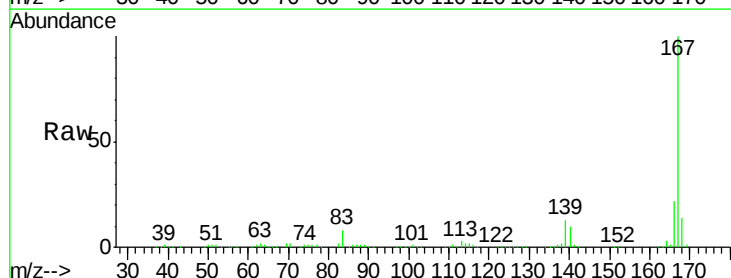
Instrument :
 BNA_F
 ClientSampleId :
 PB91125BS

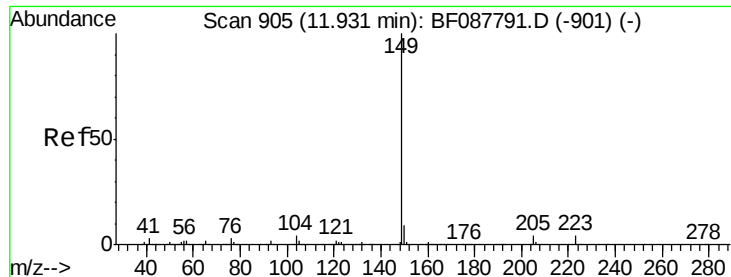
Tot Ion:178 Resp: 791919
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 16.1 12.8 19.2



#72
 Carbazole
 Concen: 46.53 ng
 RT: 11.56 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Tgt Ion:167 Resp: 913932
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 12.9 11.2 16.8





#73

Di-n-butylphthalate

Concen: 36.09 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

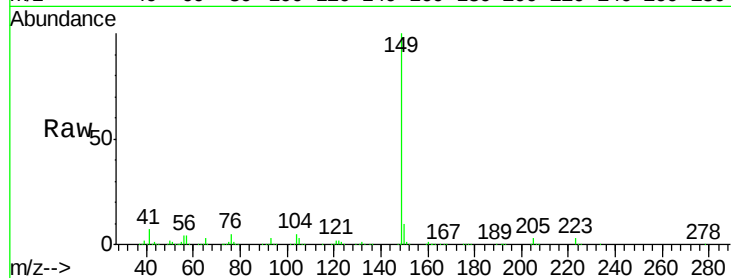
Tot Ion:149 Resp: 897277

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

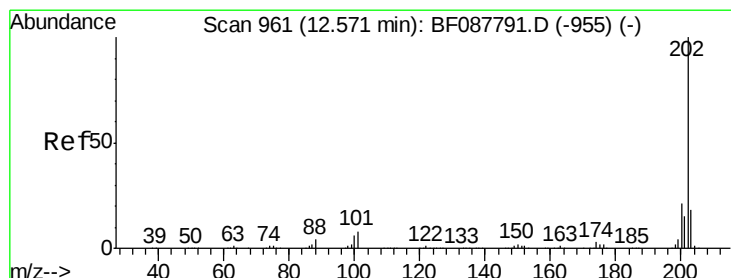
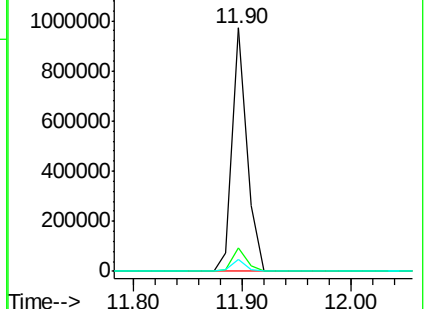
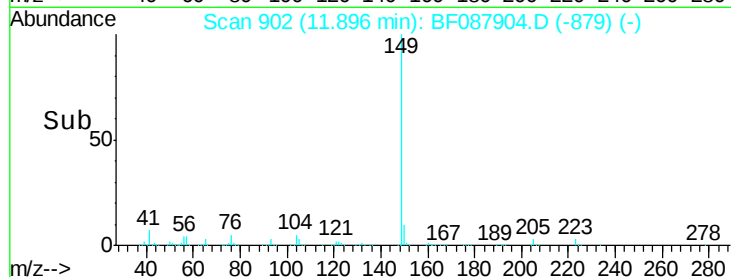
104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.85 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

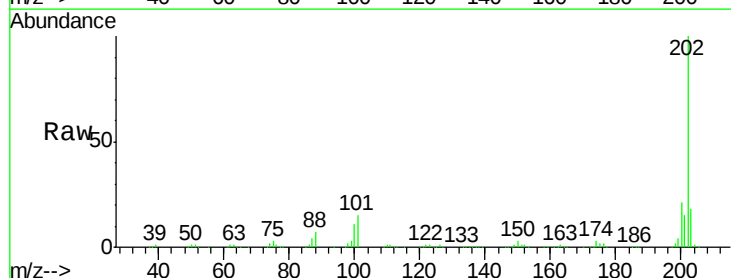
Tgt Ion:202 Resp: 831164

Ion Ratio Lower Upper

202 100

101 15.4 0.0 33.1

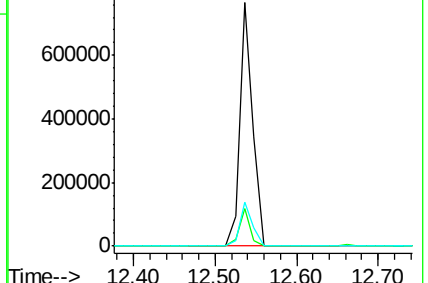
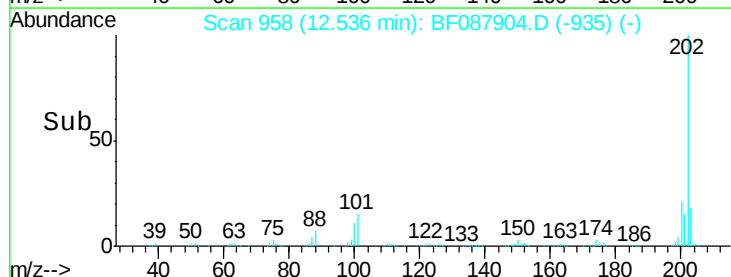
203 18.3 0.0 38.1

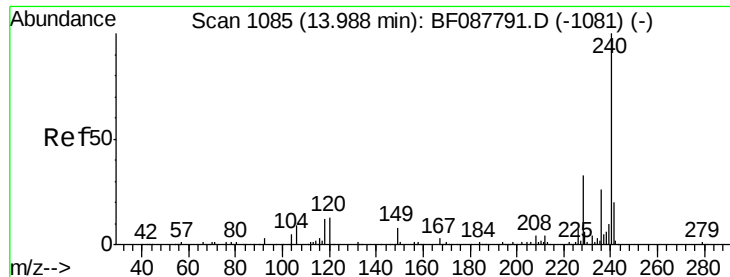


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

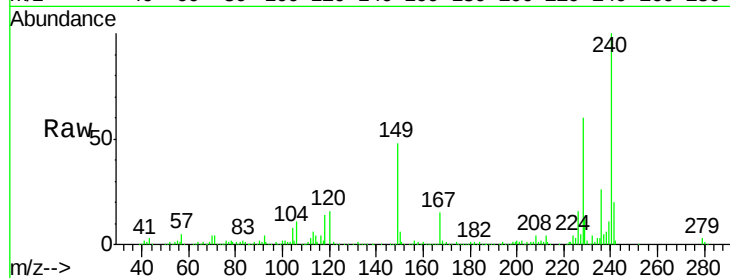
Tot Ion:240 Resp: 264706

Ion Ratio Lower Upper

240 100

120 16.1 6.8 10.2#

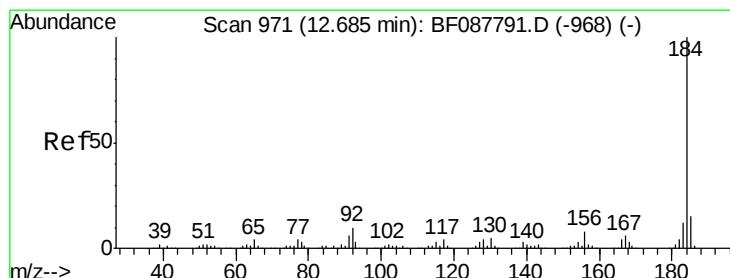
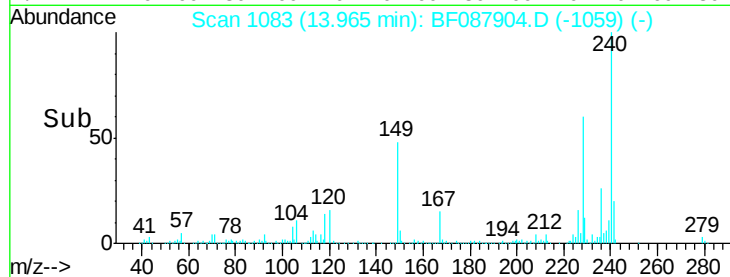
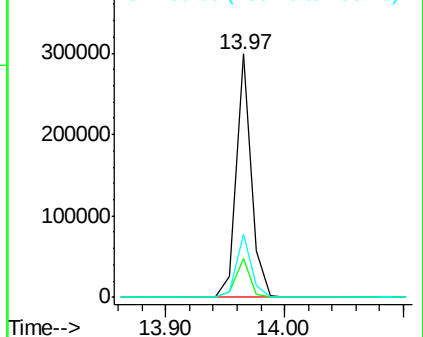
236 26.1 20.2 30.2



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: 49.35 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

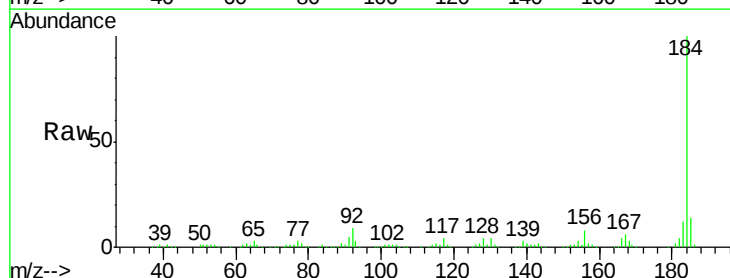
Tgt Ion:184 Resp: 361674

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

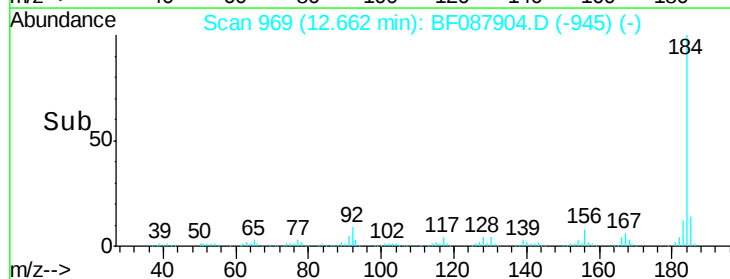
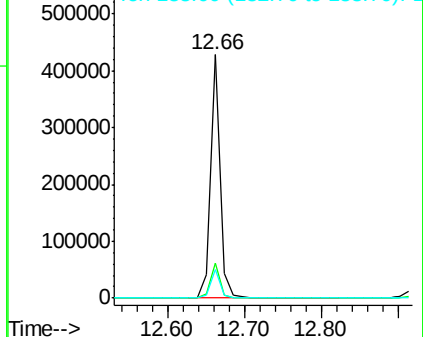
183 11.5 9.3 13.9

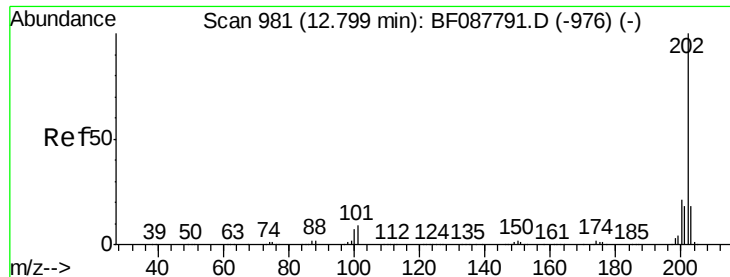


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

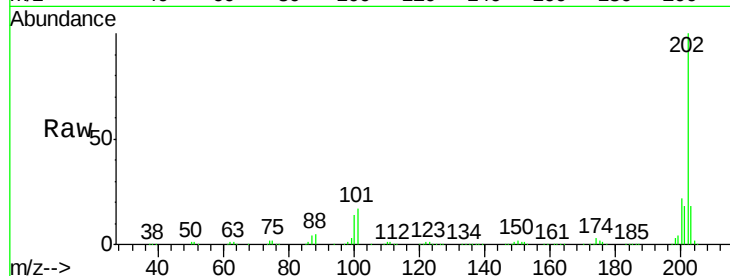




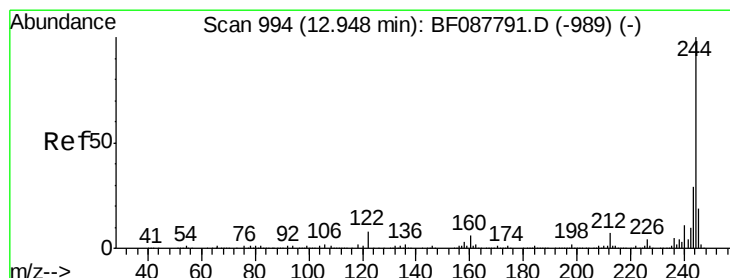
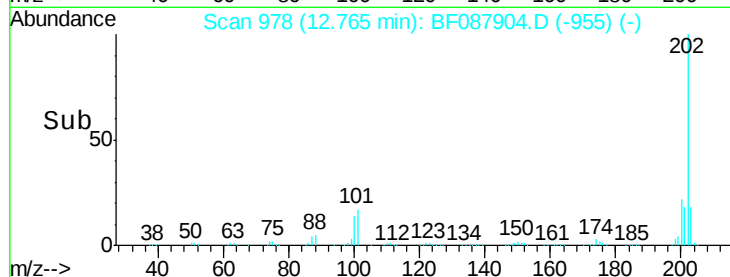
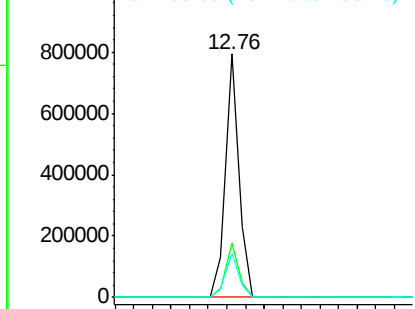
#77
Pvrene
Concen: 40.64 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB91125BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.3	14.5	21.7

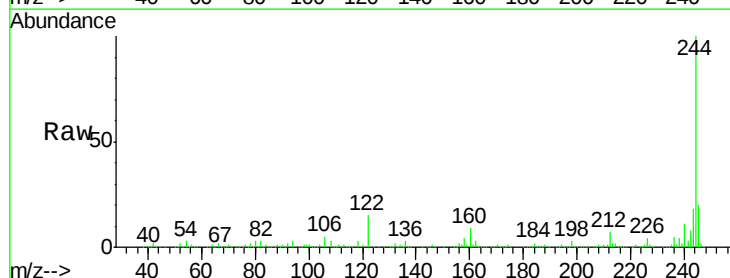


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

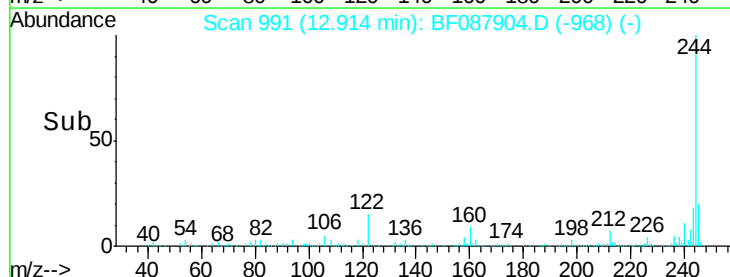
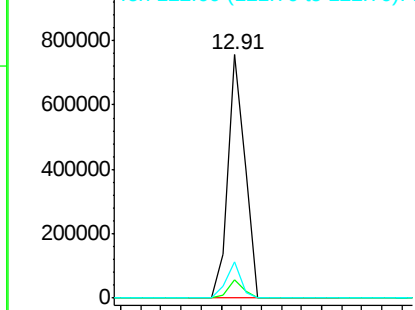


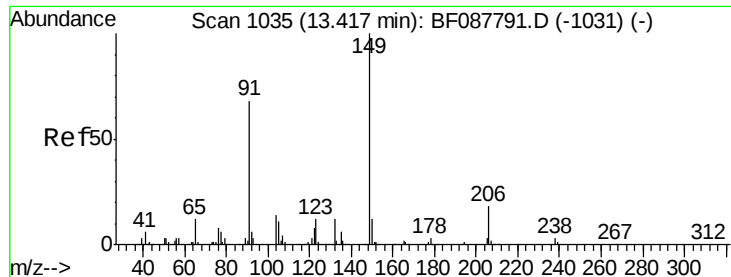
#78
Terphenyl-d14
Concen: 76.59 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.9	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: 44.07 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

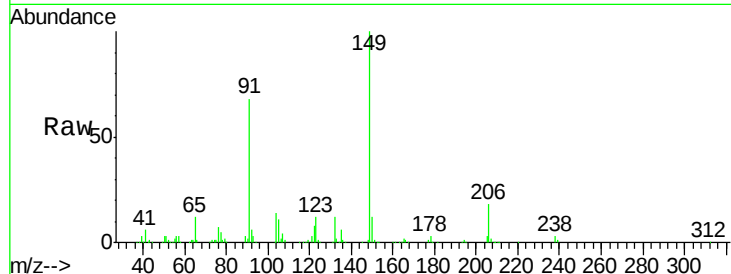
Tot Ion:149 Resp: 382716

Ion Ratio Lower Upper

149 100

91 68.0 48.0 72.0

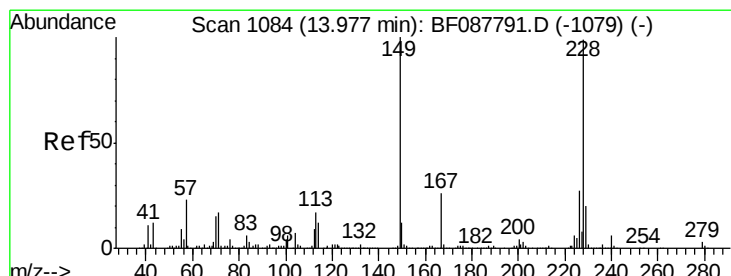
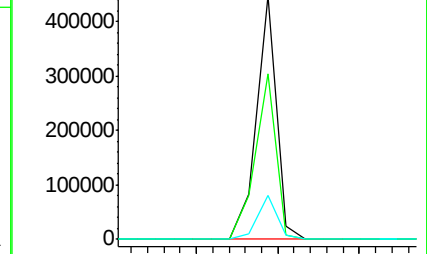
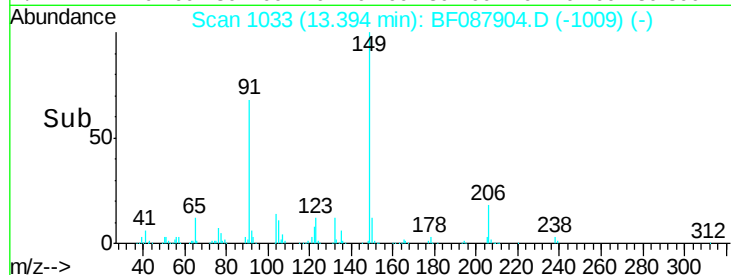
206 17.9 16.0 24.0



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: 42.52 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

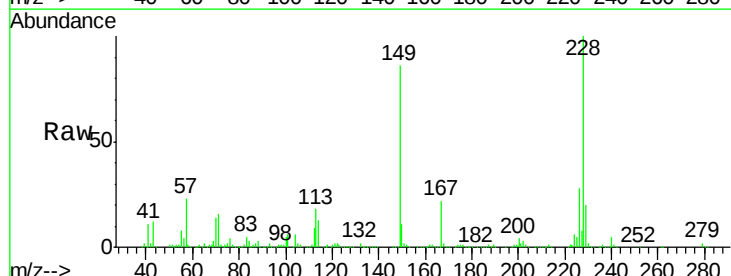
Tgt Ion:228 Resp: 641390

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

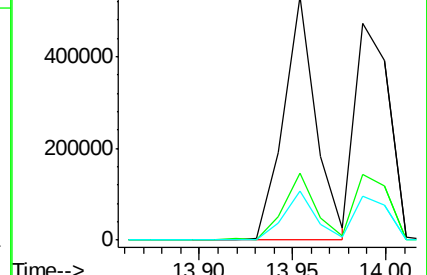
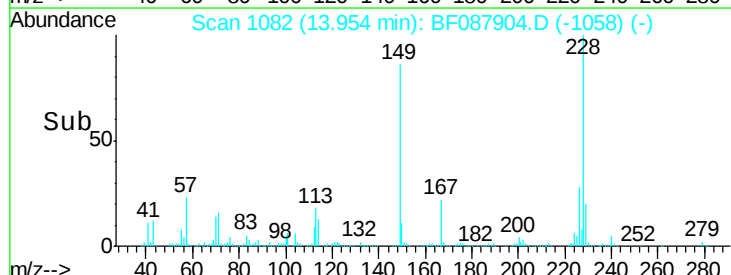
229 20.0 16.0 24.0

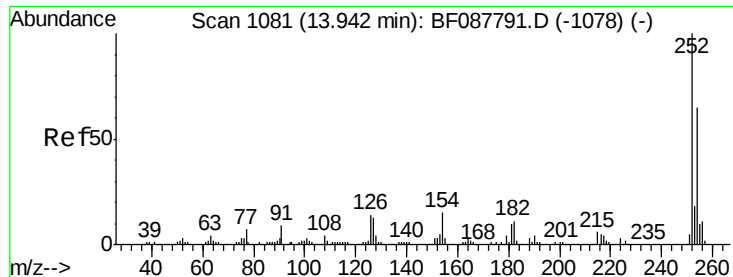


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

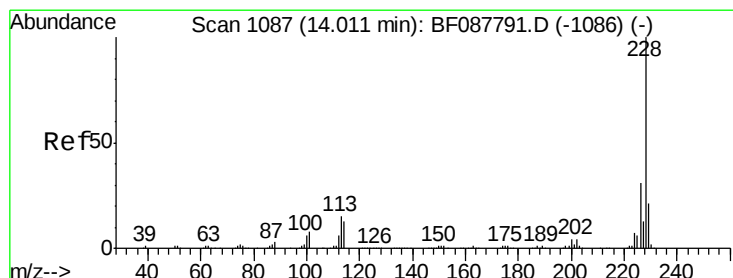
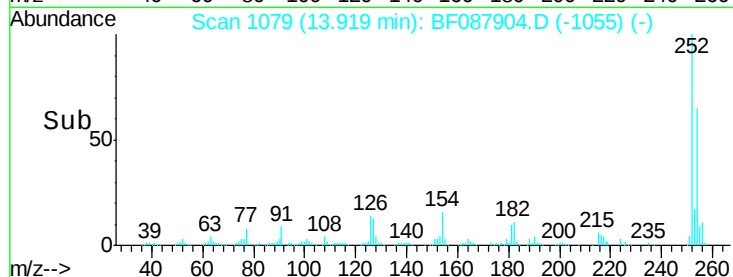
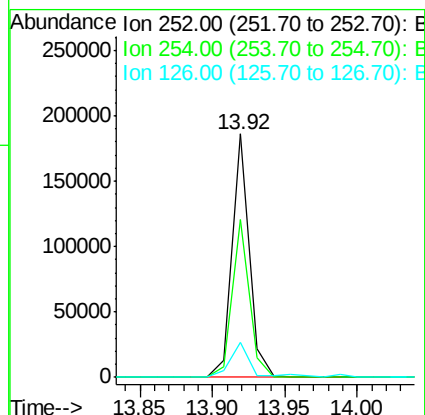
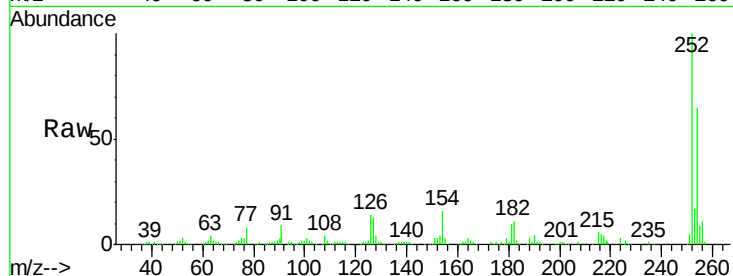




#81
 3,3'-Dichlorobenzidine
 Concen: 37.77 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

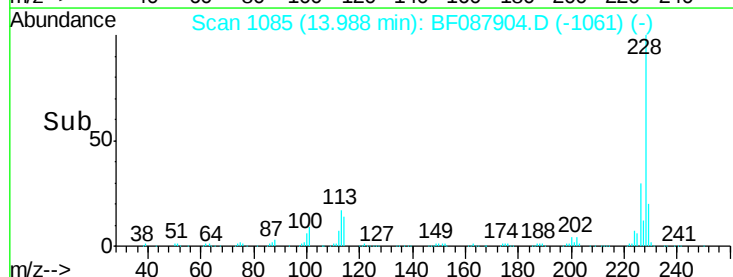
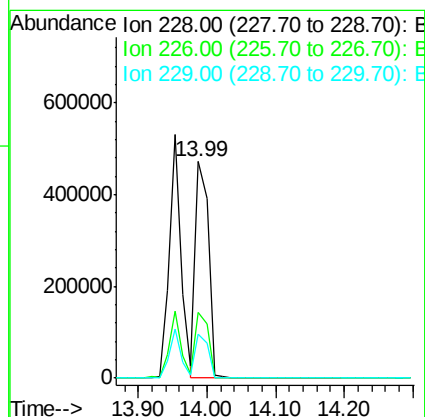
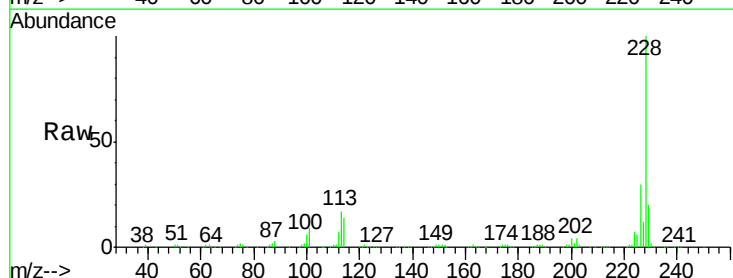
Instrument :
 BNA_F
 ClientSampleId :
 PB91125BS

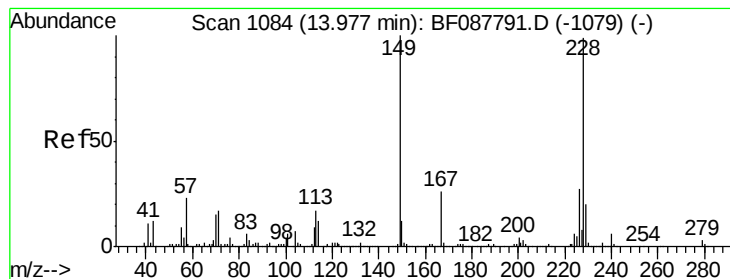
Tot Ion:252 Resp: 153207
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.6 78.8
 126 14.4 6.2 9.2#



#82
 Chrysene
 Concen: 42.68 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF087904.D
 Acq: 11 Jun 2016 16:08

Tgt Ion:228 Resp: 605641
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.2
 229 20.2 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.82 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

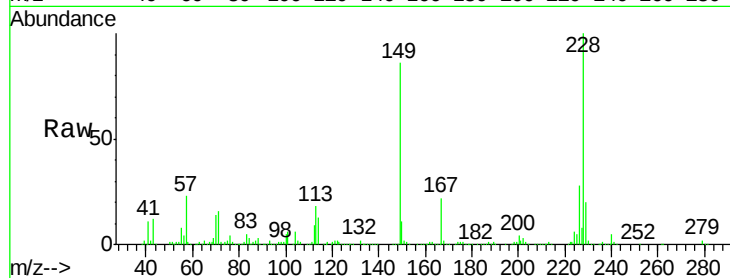
Tot Ion:149 Resp: 442143

Ion Ratio Lower Upper

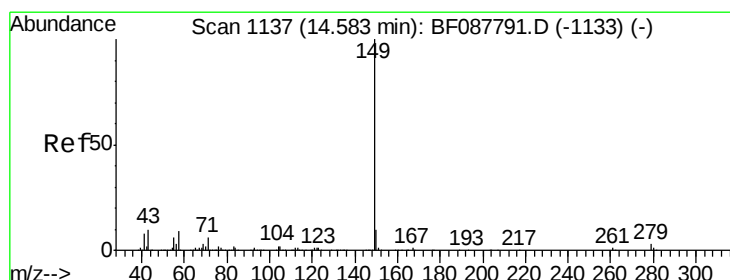
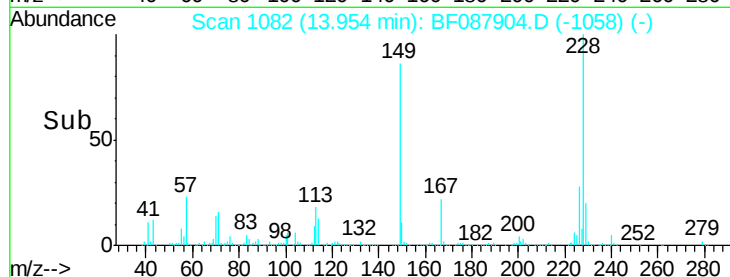
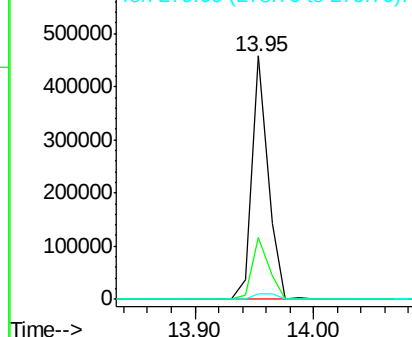
149 100

167 25.4 20.5 30.7

279 2.5 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.76 ng

RT: 14.57 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

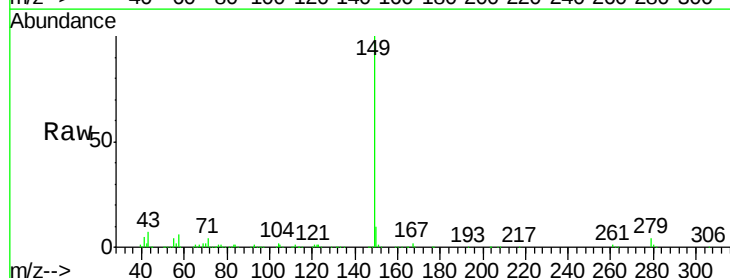
Tgt Ion:149 Resp: 837666

Ion Ratio Lower Upper

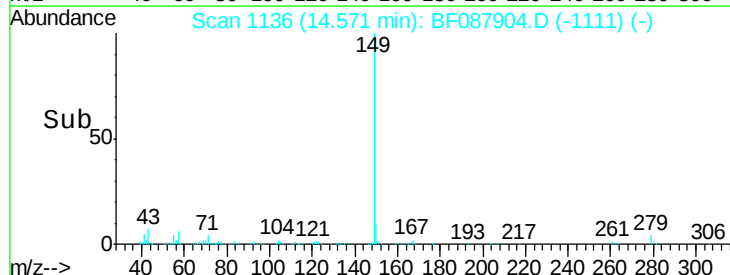
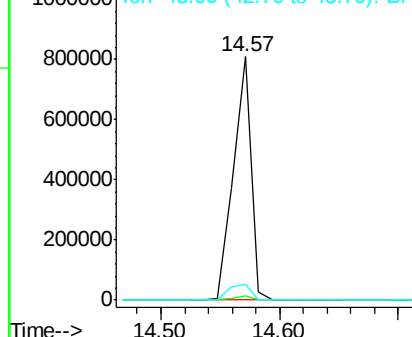
149 100

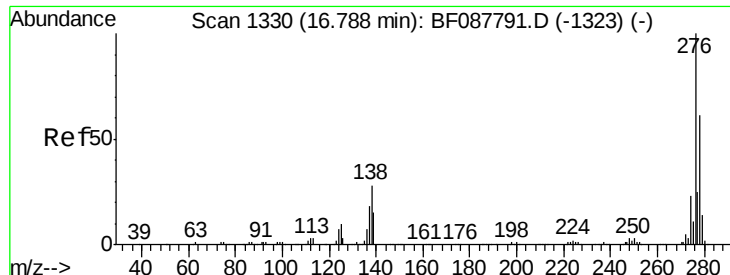
167 1.6 0.0 0.0#

43 8.2 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

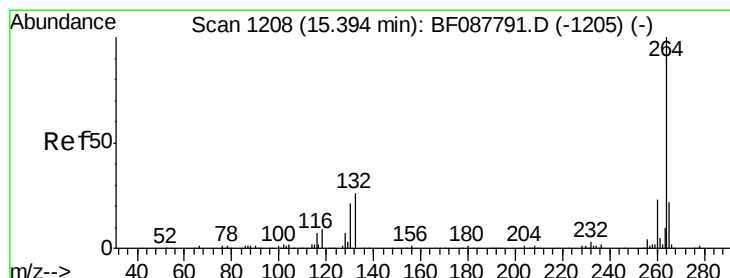
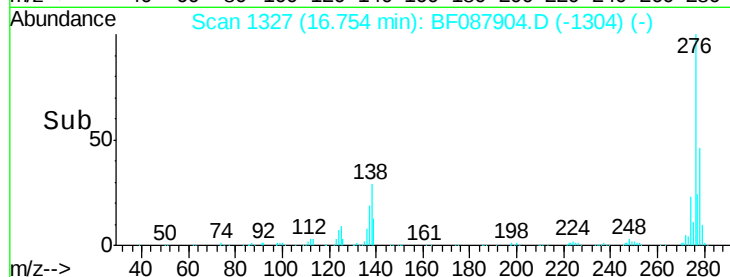
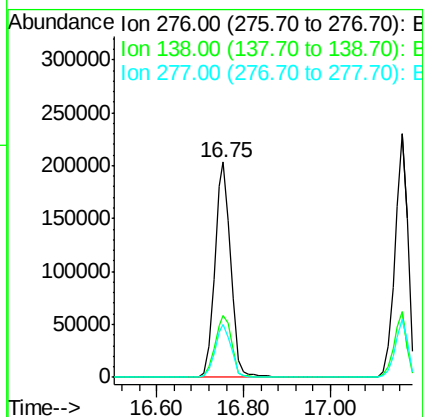
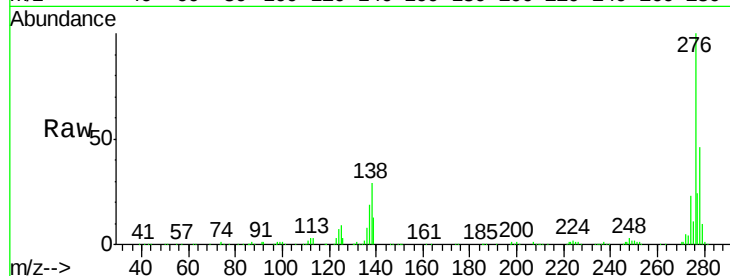




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.07 ng
RT: 16.75 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

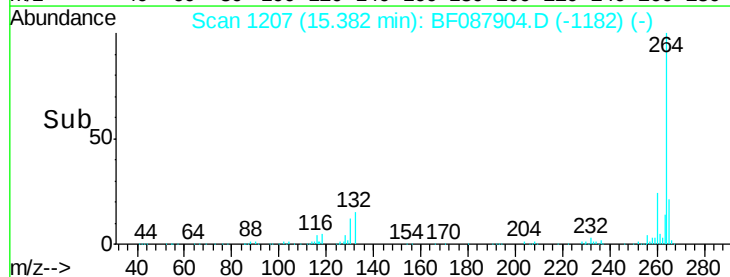
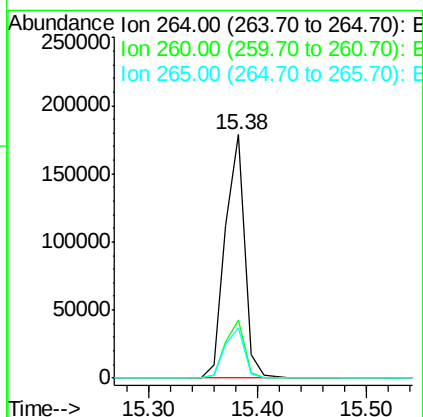
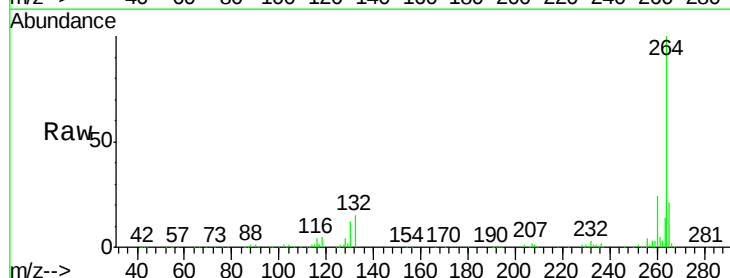
Instrument :
BNA_F
ClientSampleId :
PB91125BS

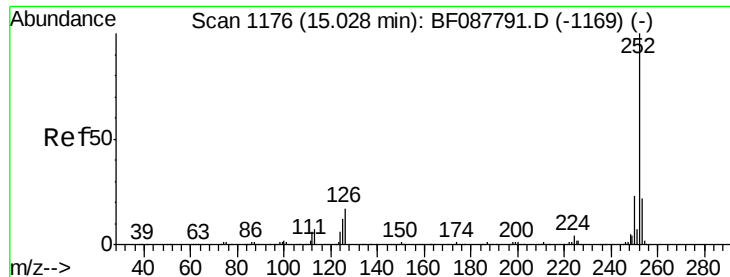
Tot Ion:276 Resp: 528266
Ion Ratio Lower Upper
276 100
138 30.3 0.0 0.0#
277 24.8 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion:264 Resp: 221036
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 20.8 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 72.91 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

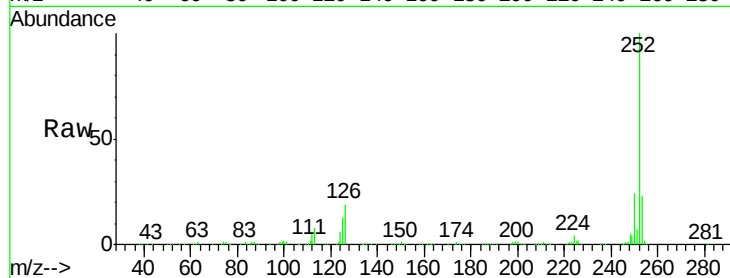
Tot Ion:252 Resp: 1123285

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

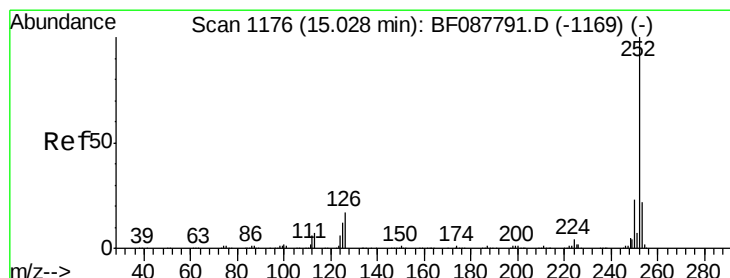
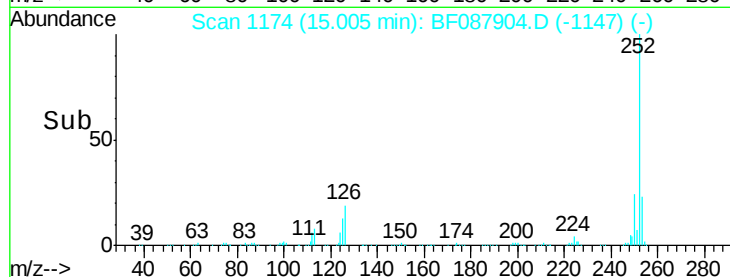
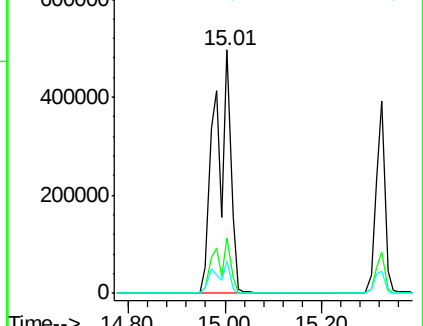
125 13.4 7.1 10.7#



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



#88

Benzo(k)fluoranthene

Concen: 96.66 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

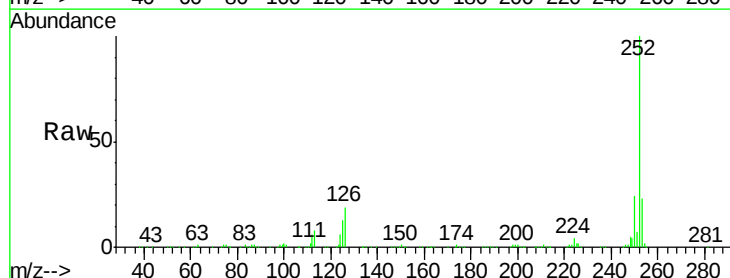
Tgt Ion:252 Resp: 1123298

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

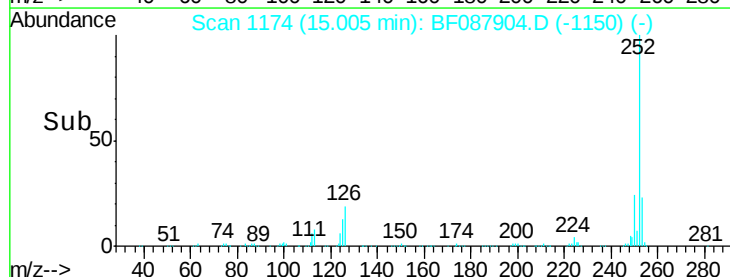
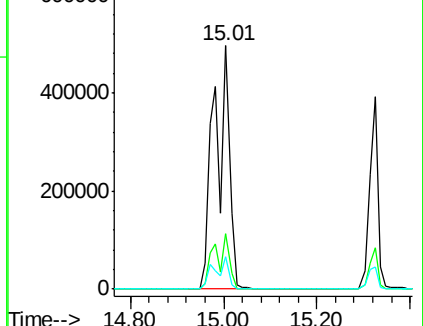
125 13.4 11.2 16.8

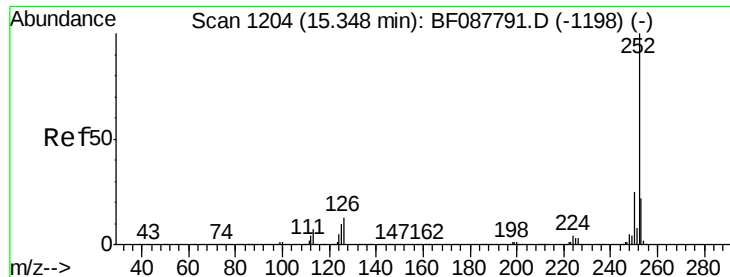


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

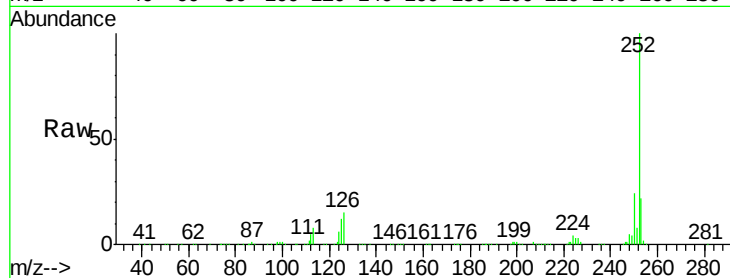




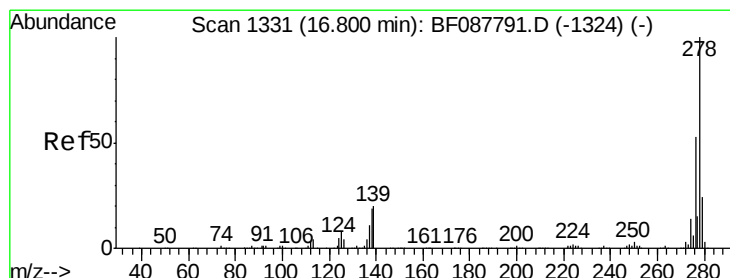
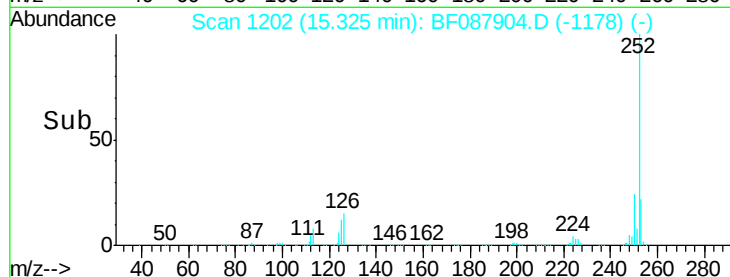
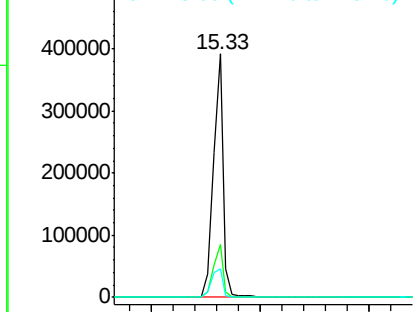
#89
Benzo(a)pyrene
Concen: 40.22 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Instrument :
BNA_F
ClientSampleId :
PB91125BS

Tot Ion:252 Resp: 501338
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.5 12.5 18.7#

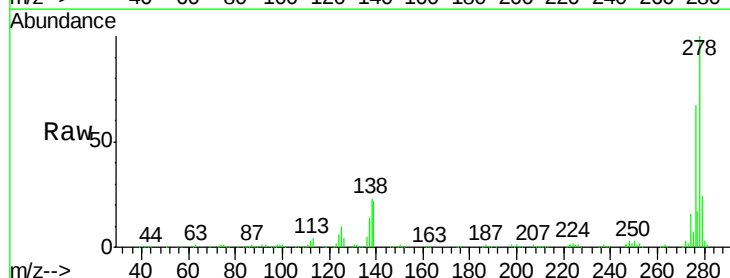


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

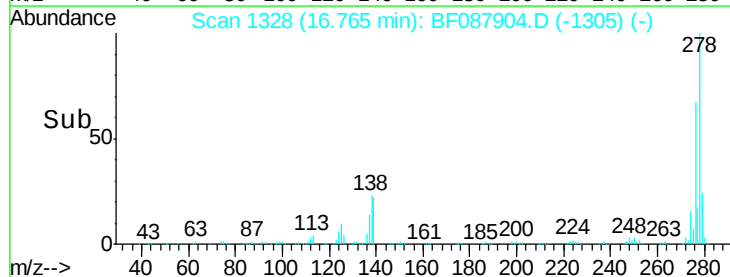
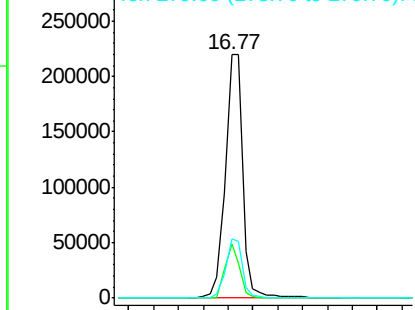


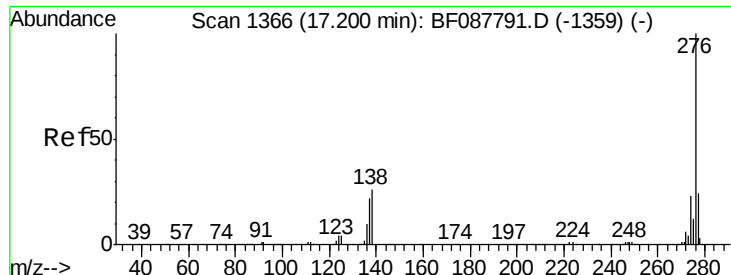
#90
Dibenzo(a,h)anthracene
Concen: 37.10 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF087904.D
Acq: 11 Jun 2016 16:08

Tgt Ion:278 Resp: 429494
Ion Ratio Lower Upper
278 100
139 22.4 15.7 23.5
279 24.3 19.4 29.2



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





#91

Benzo(a,h,i)perylene

Concen: 40.90 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.03 min

Lab File: BF087904.D

Acq: 11 Jun 2016 16:08

Instrument :

BNA_F

ClientSampleId :

PB91125BS

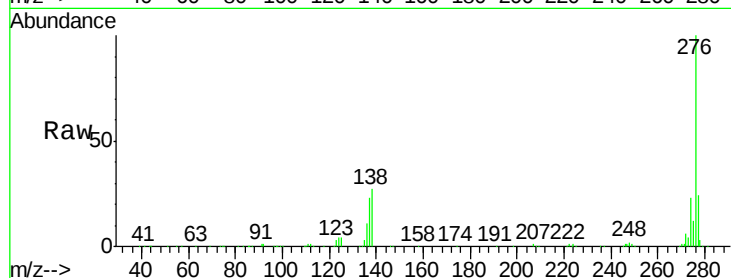
Tot Ion: 276 Resp: 487002

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 27.2 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

