

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087907.D
 Acq On : 11 Jun 2016 17:36
 Operator : UM/SJ
 Sample : PB91119BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BS

Quant Time: Jun 12 04:39:30 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	95945	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	413341	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	240084	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	441696	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	324122	20.00	ng	-0.02
86) Perylene-d12	15.38	264	275968	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	762056	135.78	ng	-0.03
7) Phenol-d6	6.44	99	850434	125.03	ng	-0.03
23) Nitrobenzene-d5	7.37	82	513274	72.51	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	235630	92.95	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1088200	70.24	ng	-0.03
78) Terphenyl-d14	12.91	244	1067185	74.92	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.39	88	63822	23.40	ng	# 31
3) Pyridine	3.10	79	204306	31.73	ng	96
4) n-Nitrosodimethylamine	3.04	42	101730	37.31	ng	86
6) Aniline	6.47	93	330842	34.17	ng	99
8) 2-Chlorophenol	6.59	128	280936	42.29	ng	81
9) Benzaldehyde	6.34	77	14461	2.96	ng	92
10) Phenol	6.46	94	346444	49.59	ng	76
11) bis(2-Chloroethyl)ether	6.55	93	257794	43.22	ng	85
12) 1,3-Dichlorobenzene	6.74	146	257778	36.17	ng	98
13) 1,4-Dichlorobenzene	6.82	146	269057	37.47	ng	98
14) 1,2-Dichlorobenzene	6.82	146	269057	41.21	ng	98
15) Benzyl Alcohol	6.95	79	198534	37.31	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	314242	39.00	ng	95
17) 2-Methylphenol	7.06	107	233191	43.29	ng	98
18) Hexachloroethane	7.31	117	92635	36.36	ng	# 83
19) n-Nitroso-di-n-propylamine	7.23	70	175380	40.31	ng	# 80
20) 3+4-Methylphenols	7.22	107	252081	40.10	ng	# 88
22) Acetophenone	7.22	105	332009	35.94	ng	# 89
24) Nitrobenzene	7.39	77	300815	43.87	ng	97
25) Isophorone	7.63	82	509278	38.84	ng	100
26) 2-Nitrophenol	7.71	139	162496	44.24	ng	# 73
27) 2,4-Dimethylphenol	7.75	122	269903	39.91	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	343142	42.20	ng	98
29) 2,4-Dichlorophenol	7.95	162	249103	44.12	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	225183	36.63	ng	99
31) Naphthalene	8.11	128	744760	36.41	ng	100
32) Benzoic acid	7.88	122	178340	47.89	ng	94
33) 4-Chloroaniline	8.17	127	308340	33.76	ng	# 91
34) Hexachlorobutadiene	8.24	225	124072	38.26	ng	100
35) Caprolactam	8.54	113	56263	30.08	ng	95
36) 4-Chloro-3-methylphenol	8.65	107	254894	42.21	ng	99
37) 2-Methylnaphthalene	8.81	142	576770	42.78	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	212378	30.57	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	226643	58.52	ng	99

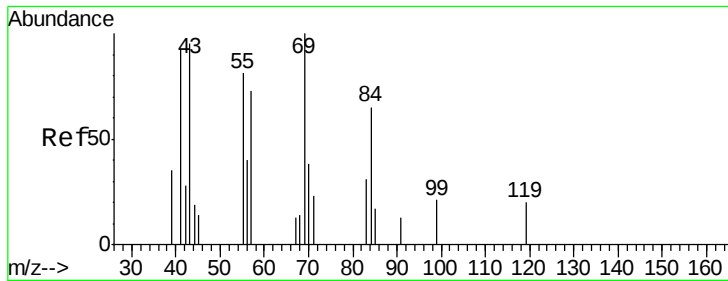
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087907.D
 Acq On : 11 Jun 2016 17:36
 Operator : UM/SJ
 Sample : PB91119BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BS

Quant Time: Jun 12 04:39:30 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)
42) 2,4,6-Trichlorophenol	9.08	196	171077	35.63	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	173292	34.69	nq #	93
45) 1,1'-Biphenyl	9.28	154	671822	36.05	nq	94
46) 2-Chloronaphthalene	9.30	162	515597	33.19	nq #	91
47) 2-Nitroaniline	9.39	65	173920	37.95	nq #	85
48) Acenaphthylene	9.71	152	918783	37.18	nq	99
49) Dimethylphthalate	9.58	163	584234	33.59	nq	99
50) 2,6-Dinitrotoluene	9.63	165	140492	35.27	nq #	64
51) Acenaphthene	9.88	154	666526	43.24	nq	99
52) 3-Nitroaniline	9.80	138	163550	35.59	nq	89
53) 2,4-Dinitrophenol	9.91	184	158678	74.12	nq	97
54) Dibenzofuran	10.06	168	841447	39.63	nq	93
55) 4-Nitrophenol	9.98	139	308304	86.43	nq #	81
56) 2,4-Dinitrotoluene	10.04	165	235797	46.07	nq	97
57) Fluorene	10.40	166	664924	46.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	155043	39.50	nq #	52
59) Diethylphthalate	10.27	149	674076	38.29	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	243844	34.54	nq	95
61) 4-Nitroaniline	10.42	138	190016	43.59	nq	99
62) Azobenzene	10.55	77	672692	38.64	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	104616	38.39	nq	96
65) n-Nitrosodiphenylamine	10.51	169	606758	41.40	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	180291	38.05	nq #	92
67) Hexachlorobenzene	10.95	284	196576	39.93	nq #	71
68) Atrazine	11.04	200	154722	34.86	nq	92
69) Pentachlorophenol	11.14	266	230830	88.94	nq	98
70) Phenanthrene	11.36	178	1003656	43.30	nq	99
71) Anthracene	11.41	178	836909	35.80	nq	100
72) Carbazole	11.57	167	980715	44.83	nq	99
73) Di-n-butylphthalate	11.90	149	951232	34.35	nq	100
74) Fluoranthene	12.54	202	878762	35.93	nq	98
76) Benzidine	12.66	184	475983	53.04	nq	98
77) Pyrene	12.77	202	891740	37.08	nq	100
79) Butylbenzylphthalate	13.39	149	446233	41.96	nq	89
80) Benzo(a)anthracene	13.95	228	743757	40.27	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	193680	38.99	nq #	97
82) Chrysene	14.00	228	794436	45.72	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	501531	38.74	nq	100
84) Di-n-octyl phthalate	14.57	149	999710	47.53	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	641756	39.75	nq #	100
87) Benzo(b)fluoranthene	15.01	252	1339408	69.63	nq #	95
88) Benzo(k)fluoranthene	15.01	252	1339854	92.34	nq	100
89) Benzo(a)pyrene	15.33	252	639492	41.09	nq #	96
90) Dibenzo(a,h)anthracene	16.77	278	528564	36.57	nq	97
91) Benzo(g,h,i)perylene	17.17	276	554518	37.30	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: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

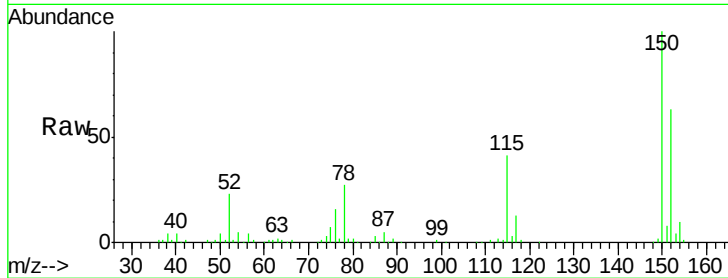
Tot Ion:152 Resp: 95945

Ion Ratio Lower Upper

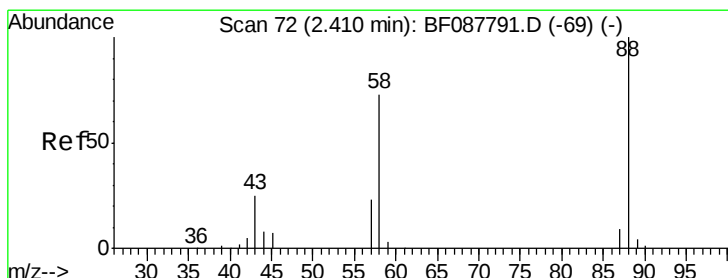
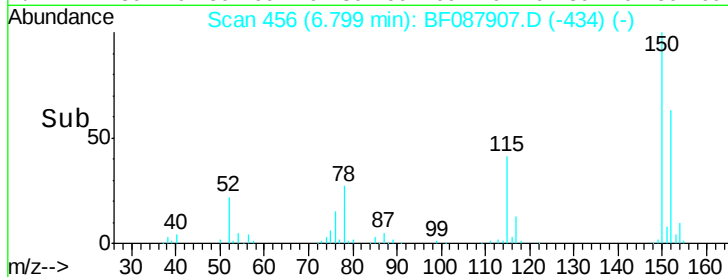
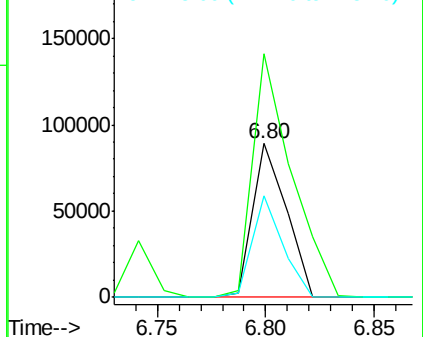
152 100

150 158.1 123.8 185.6

115 65.6 39.6 59.4#



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



#2

1,4-Dioxane

Concen: 23.40 ng

RT: 2.39 min Scan# 70

Delta R.T. -0.02 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

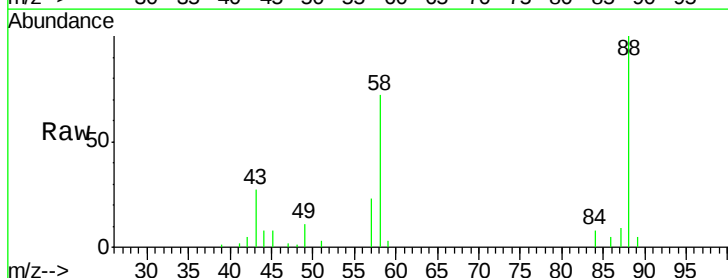
Tgt Ion: 88 Resp: 63822

Ion Ratio Lower Upper

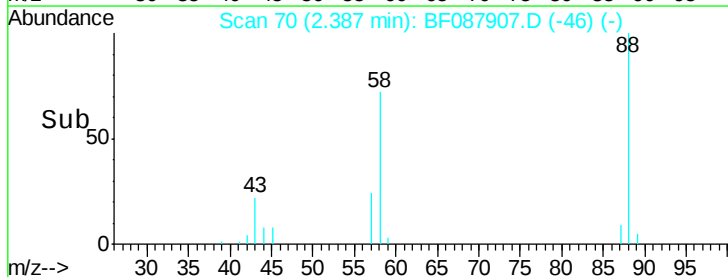
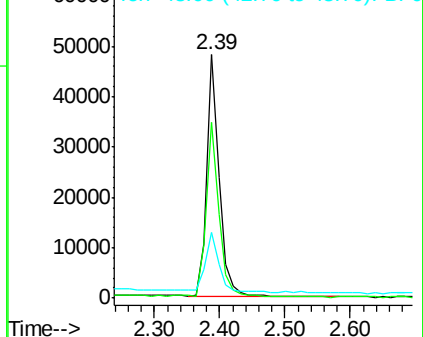
88 100

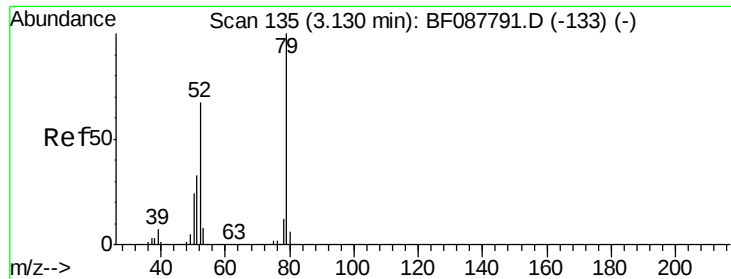
58 79.8 0.0 0.0#

43 27.0 3.4 5.2#



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





#3

Pvridine

Concen: 31.73 ng

RT: 3.10 min Scan# 132

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

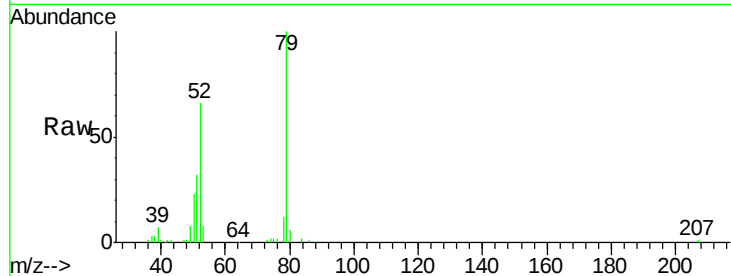
Tot Ion: 79 Resp: 204306

Ion Ratio Lower Upper

79 100

52 66.4 56.3 84.5

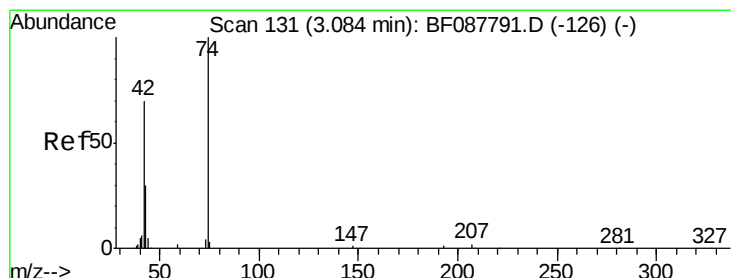
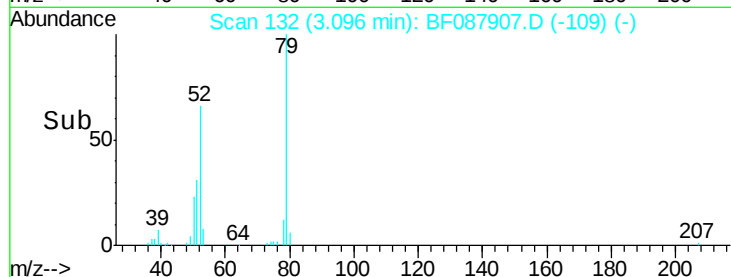
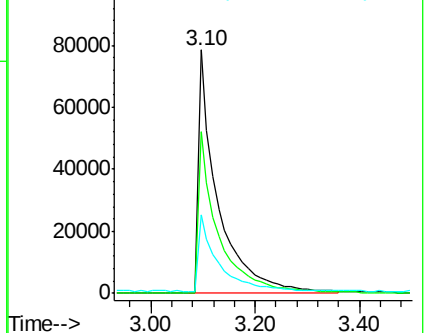
51 32.4 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.31 ng

RT: 3.04 min Scan# 127

Delta R.T. -0.05 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

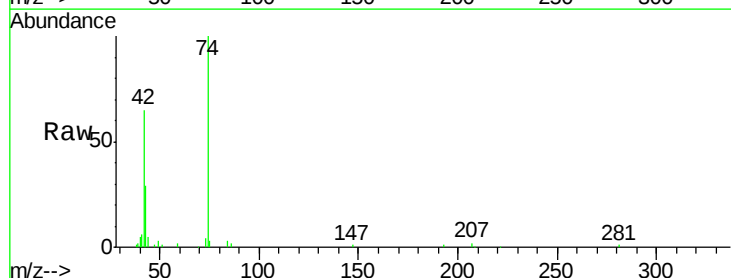
Tgt Ion: 42 Resp: 101730

Ion Ratio Lower Upper

42 100

74 153.4 108.6 163.0

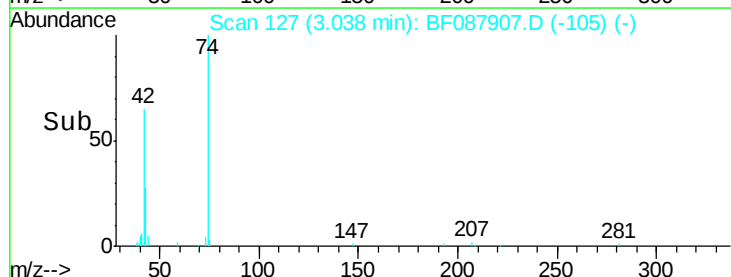
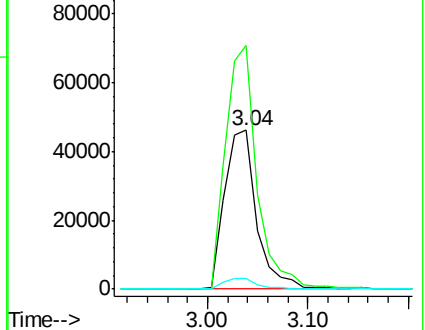
44 7.0 5.5 8.3

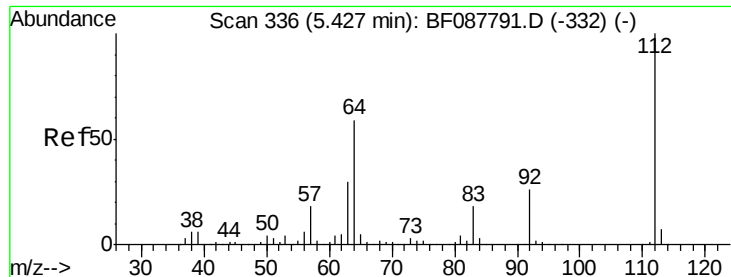


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 135.78 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

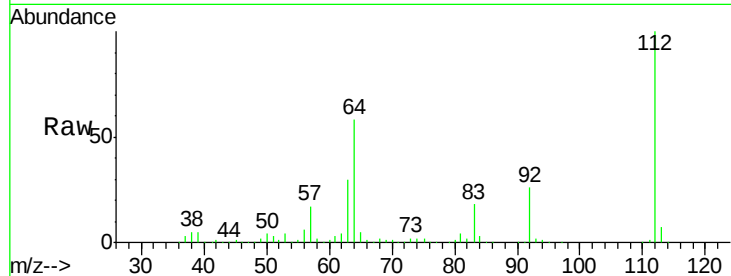
Tot Ion:112 Resp: 762056

Ion Ratio Lower Upper

112 100

64 57.9 42.2 63.2

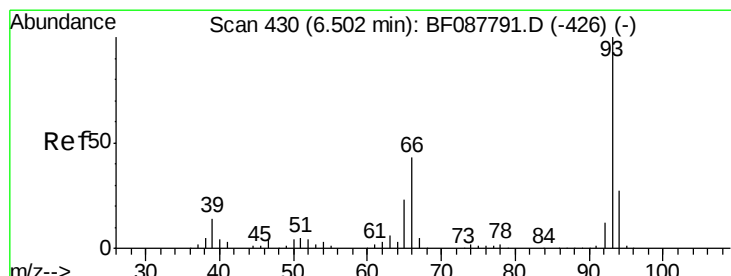
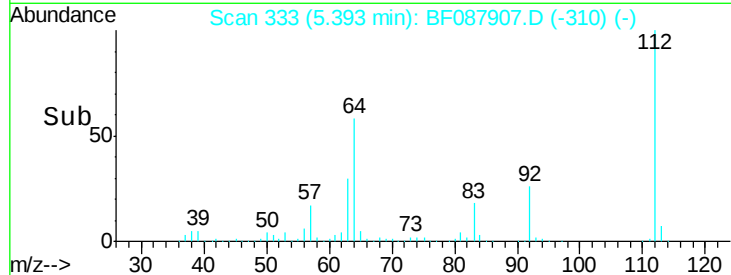
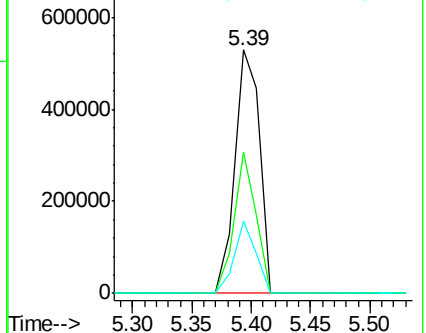
63 29.7 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.17 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

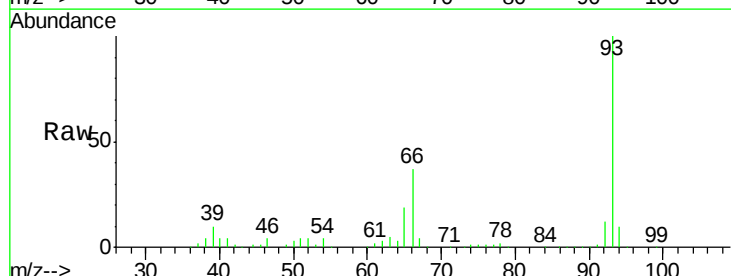
Tgt Ion: 93 Resp: 330842

Ion Ratio Lower Upper

93 100

66 36.8 29.8 44.8

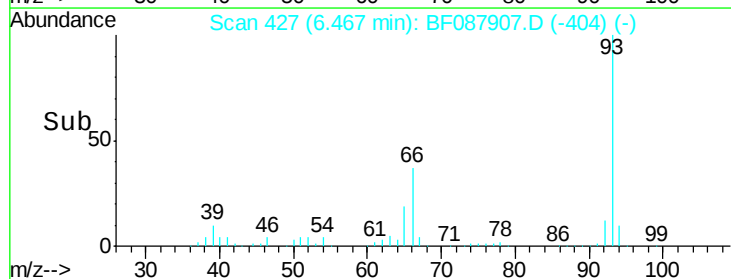
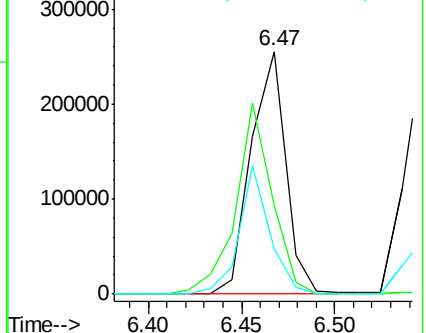
65 18.7 14.9 22.3

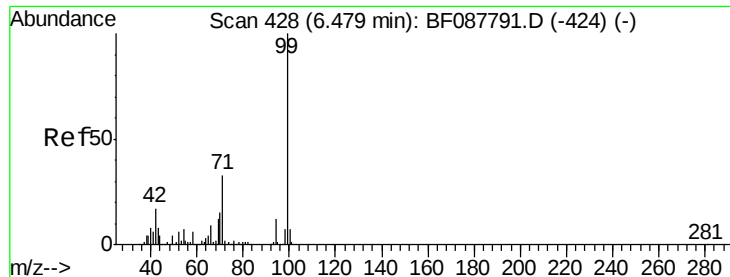


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.03 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

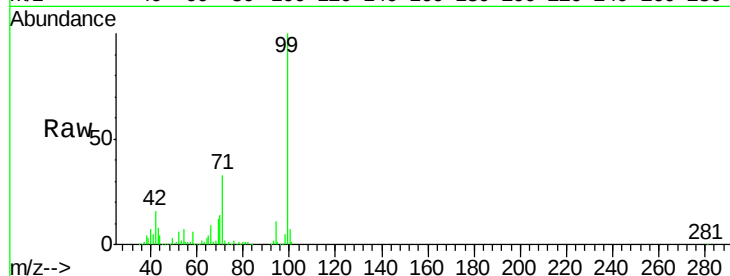
Tot Ion: 99 Resp: 850434

Ion Ratio Lower Upper

99 100

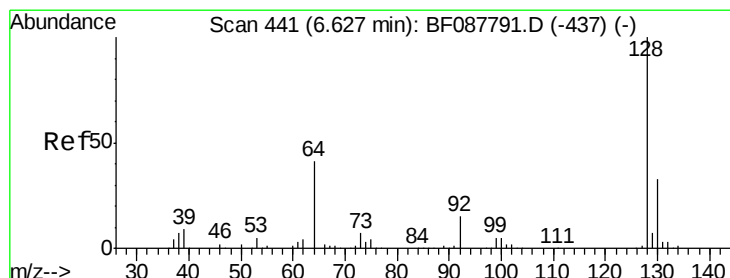
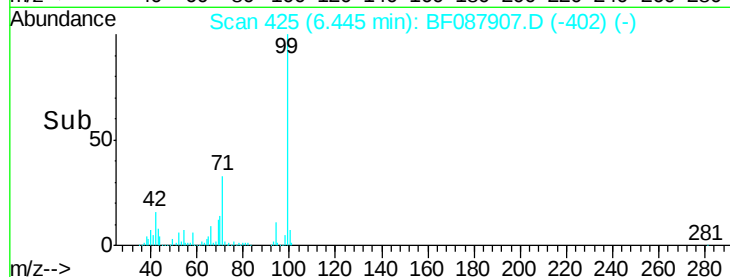
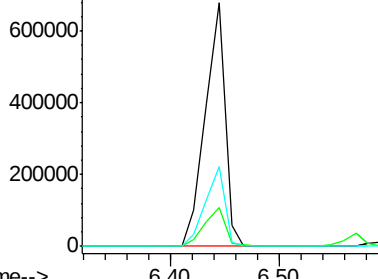
42 15.8 12.2 18.2

71 32.6 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

6.44



#8

2-Chlorophenol

Concen: 42.29 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

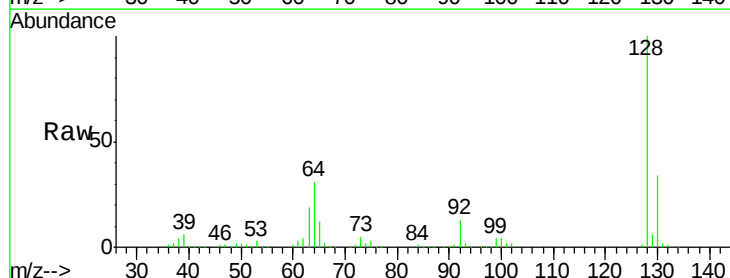
Tgt Ion: 128 Resp: 280936

Ion Ratio Lower Upper

128 100

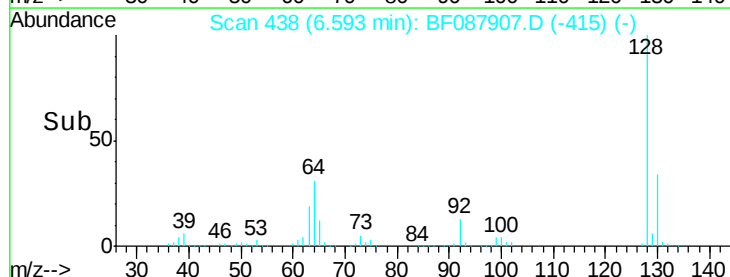
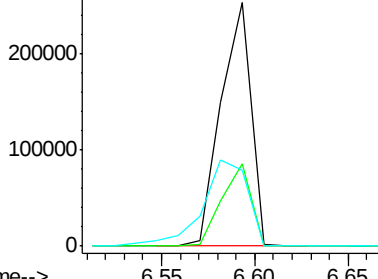
130 33.7 12.0 52.0

64 31.1 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

6.59





#9

Benzaldehyde

Concen: 2.96 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

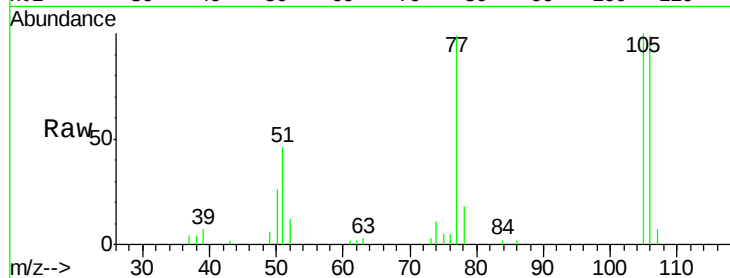
Tot Ion: 77 Resp: 14461

Ion Ratio Lower Upper

77 100

105 100.6 90.6 130.6

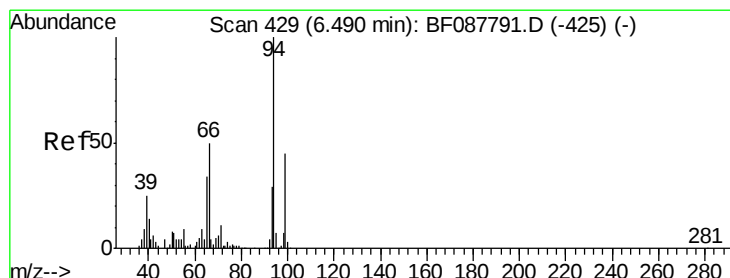
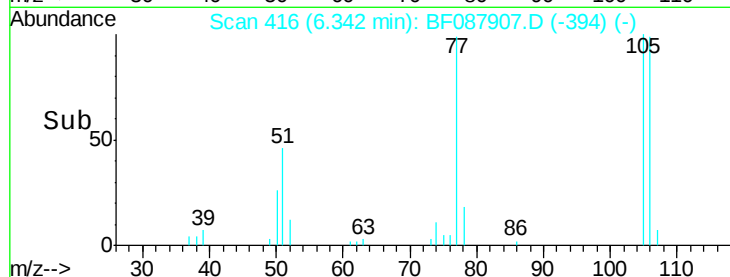
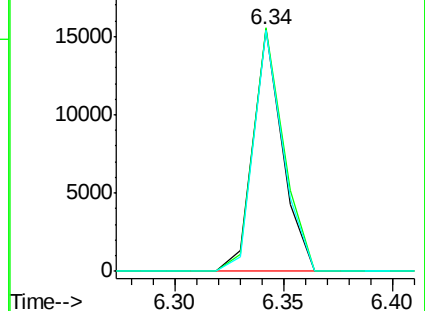
106 99.6 85.3 125.3



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: 49.59 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

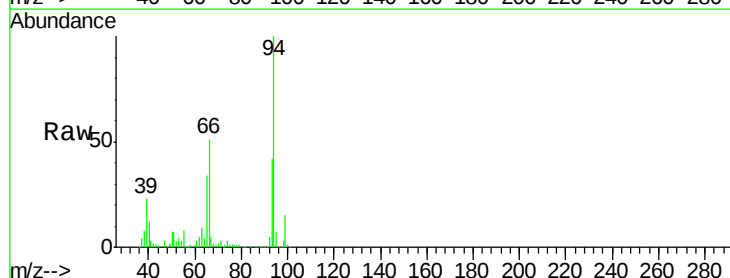
Tgt Ion: 94 Resp: 346444

Ion Ratio Lower Upper

94 100

65 34.2 5.9 45.9

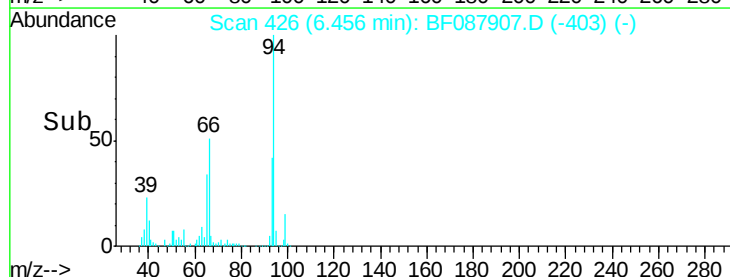
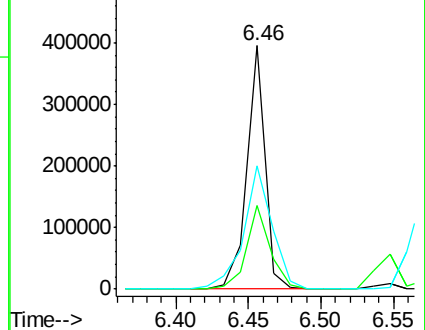
66 50.9 14.0 54.0

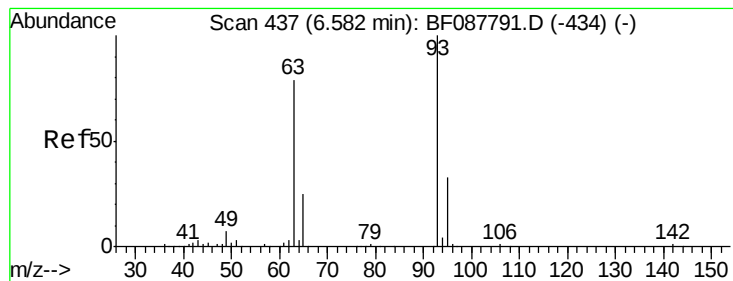


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.22 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

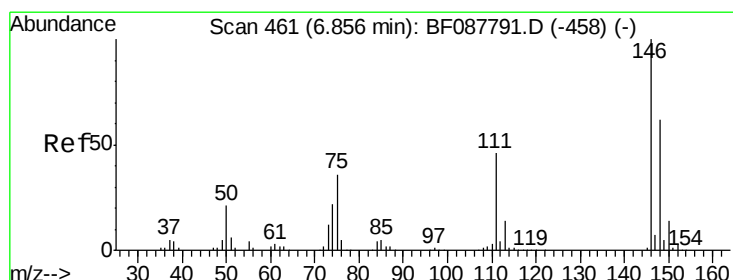
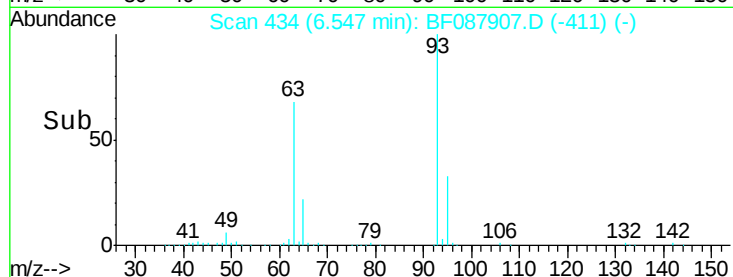
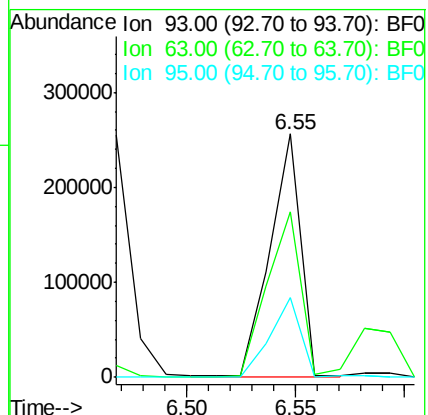
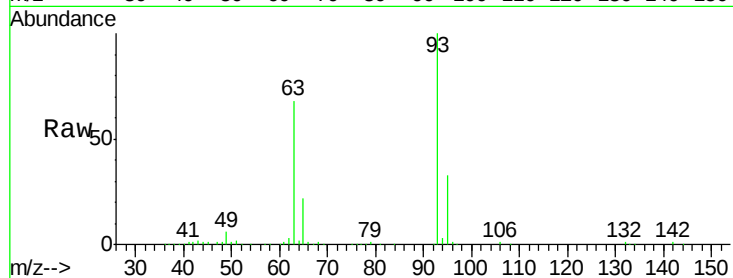
Tot Ion: 93 Resp: 257794

Ion Ratio Lower Upper

93 100

63 68.2 67.6 107.6

95 32.9 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 36.17 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

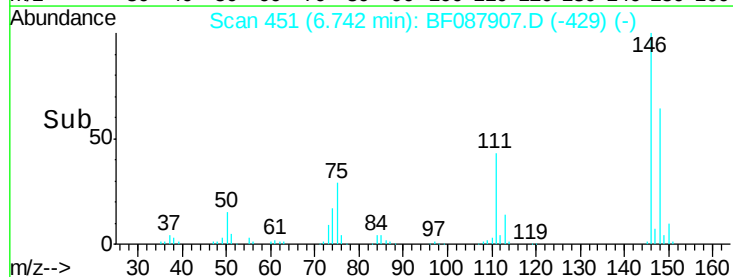
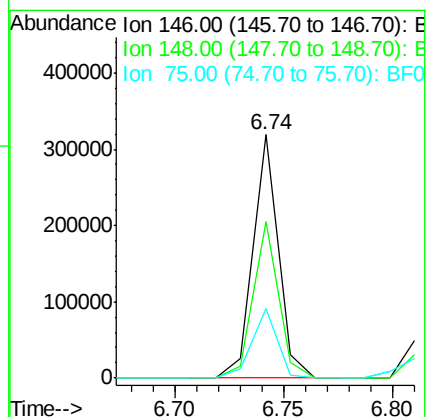
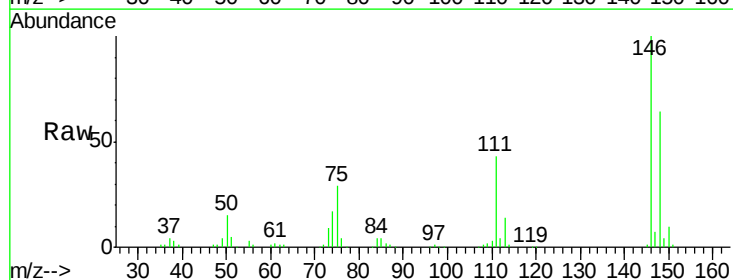
Tgt Ion: 146 Resp: 257778

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

75 28.8 25.6 38.4

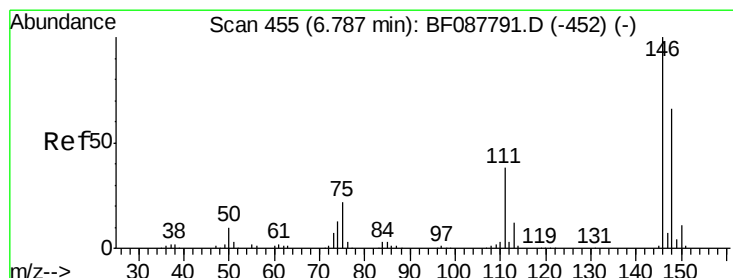
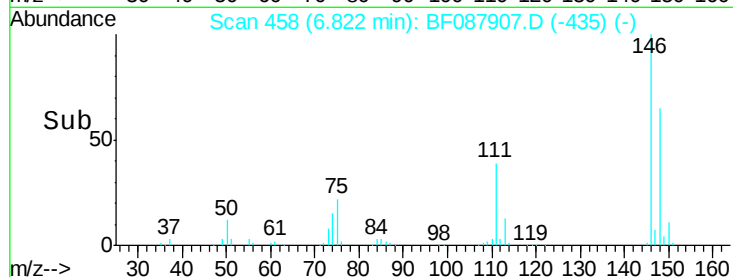
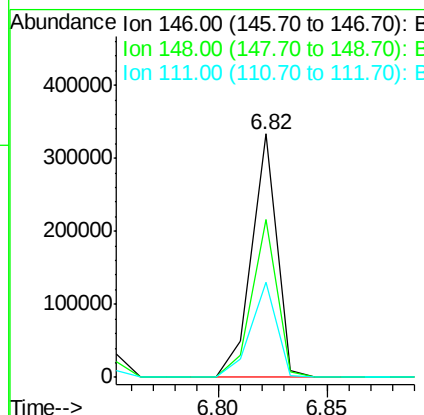
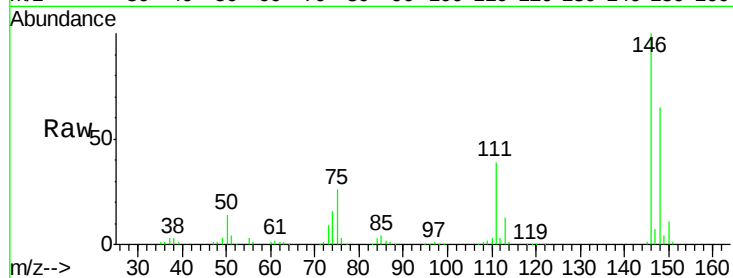




#13
 1,4-Dichlorobenzene
 Concen: 37.47 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.03 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

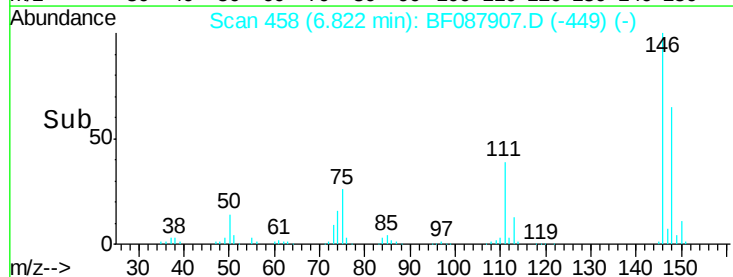
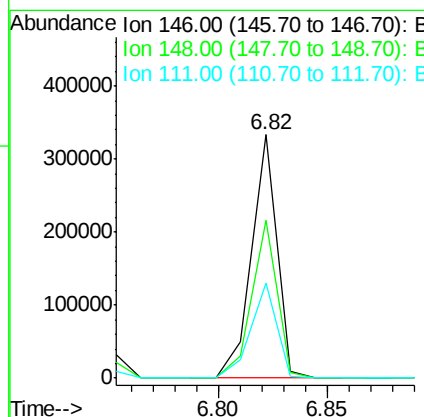
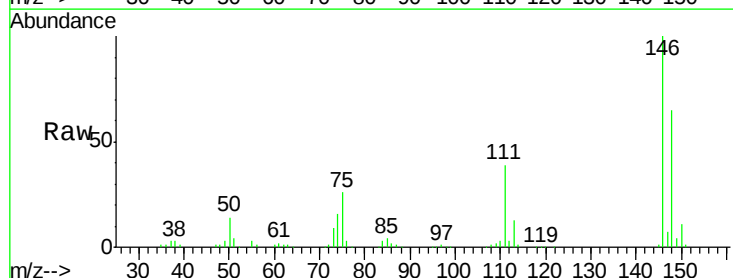
Instrument :
 BNA_F
 ClientSampleId :
 PB91119BS

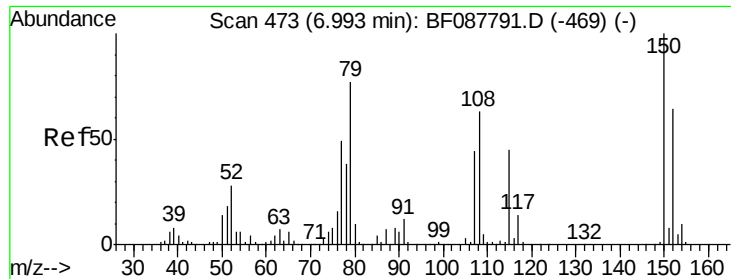
Tot Ion:146 Resp: 269057
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.0 78.0
 111 39.0 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 41.21 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.19 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

Tgt Ion:146 Resp: 269057
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.3 78.5
 111 39.0 28.7 43.1

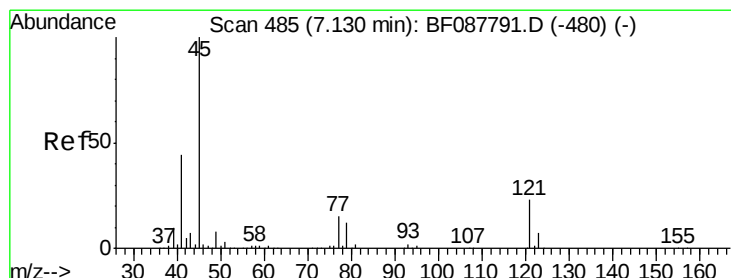
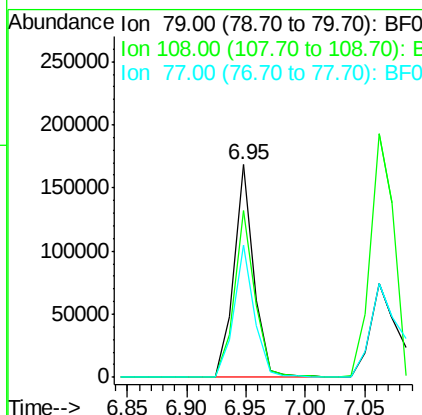
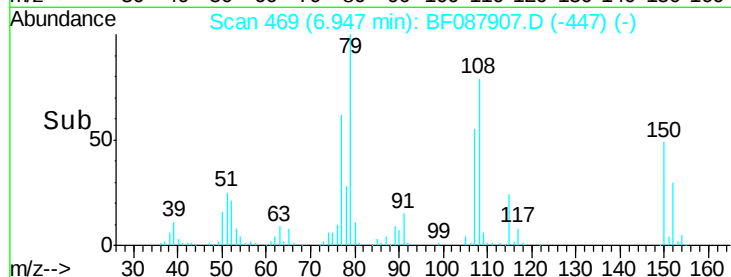
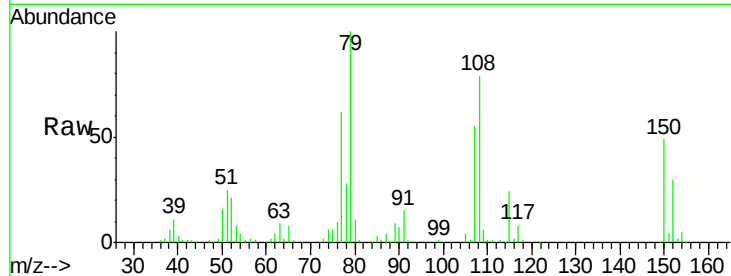




#15
Benzyl Alcohol
Concen: 37.31 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

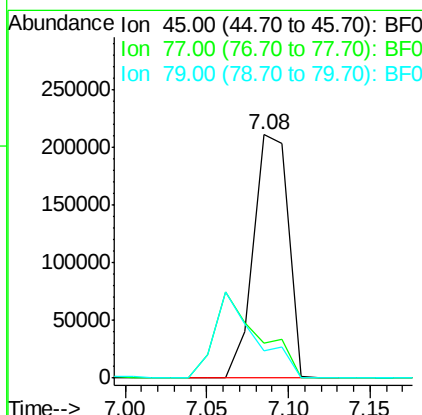
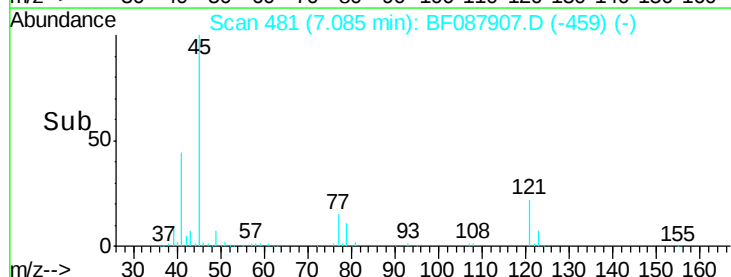
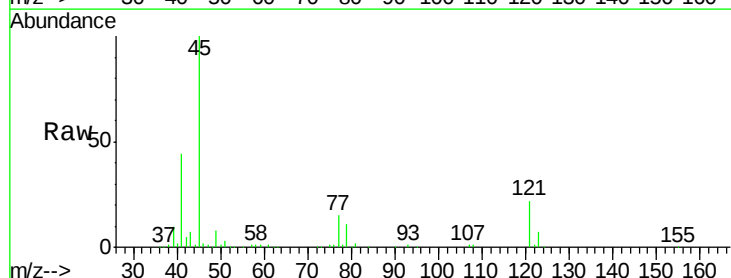
Instrument :
BNA_F
ClientSampleId :
PB91119BS

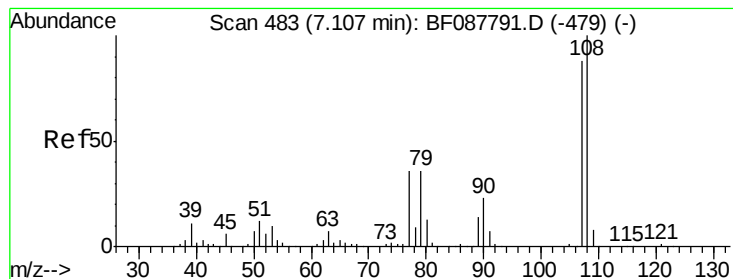
Tot Ion: 79 Resp: 198534
Ion Ratio Lower Upper
79 100
108 78.6 65.0 97.6
77 62.3 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.00 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion: 45 Resp: 314242
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.5
79 11.1 0.0 29.5





#17

2-Methylphenol

Concen: 43.29 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

Tot Ion:107 Resp: 233191

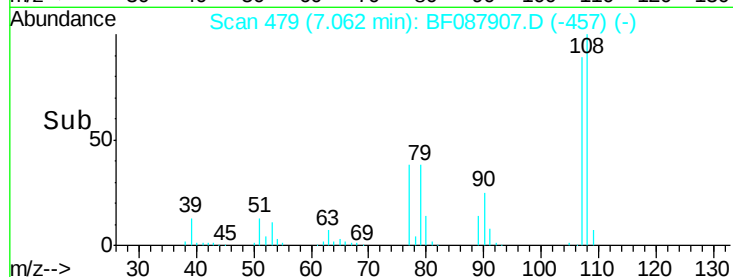
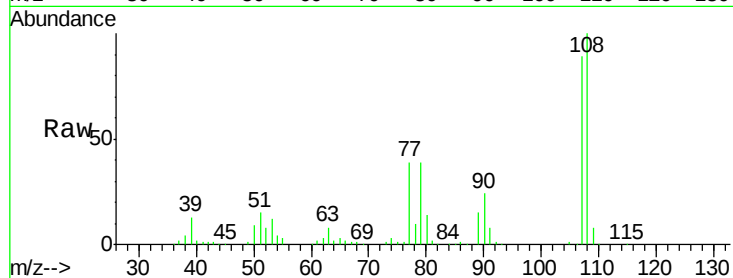
Ion Ratio Lower Upper

107 100

108 112.9 90.9 136.3

77 43.7 36.6 55.0

79 43.7 36.5 54.7

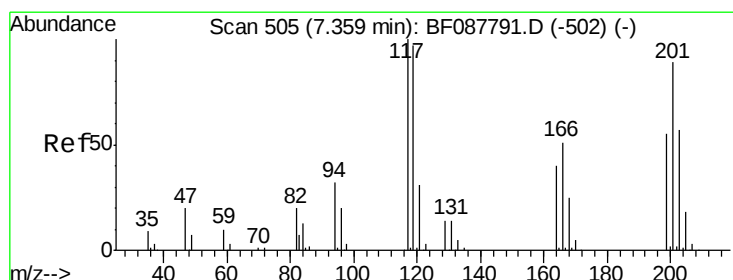
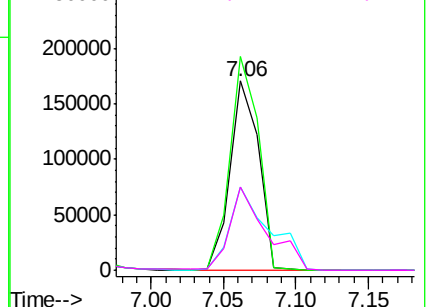


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.36 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

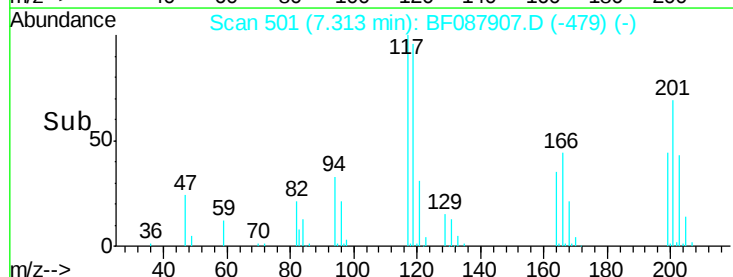
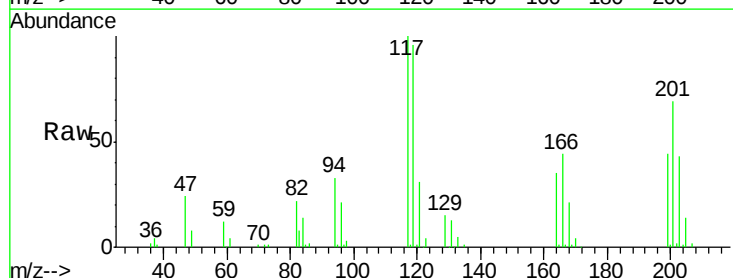
Tgt Ion:117 Resp: 92635

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.2

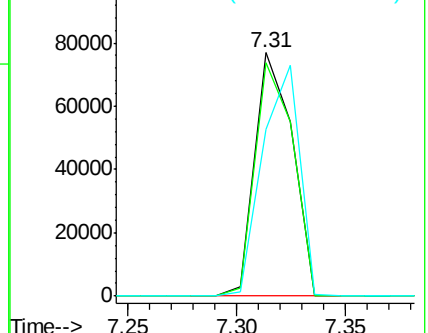
201 68.5 80.4 120.6#

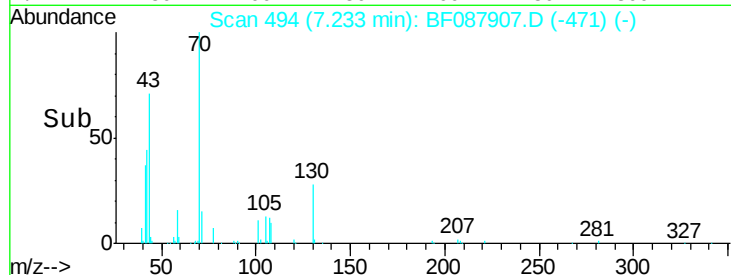
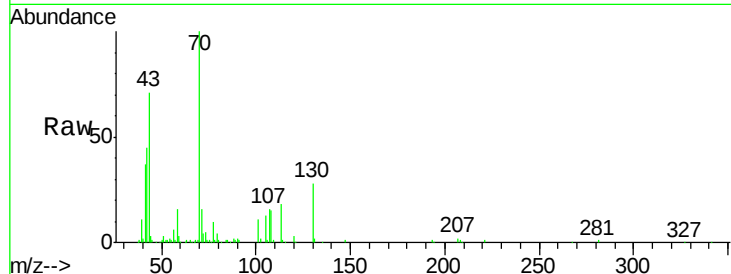


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

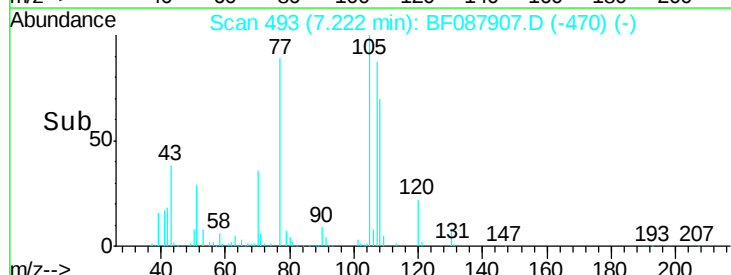
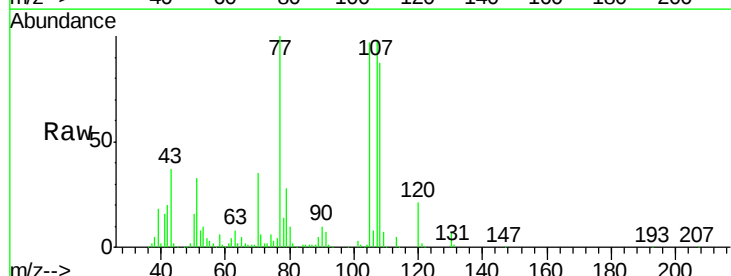
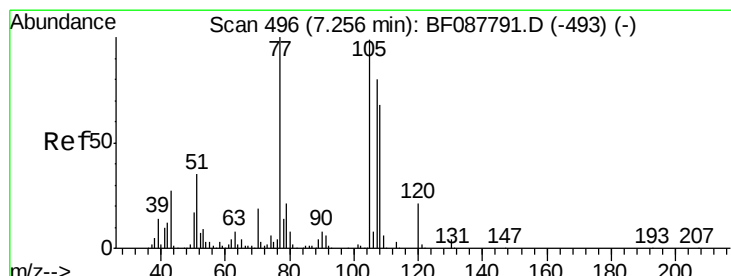
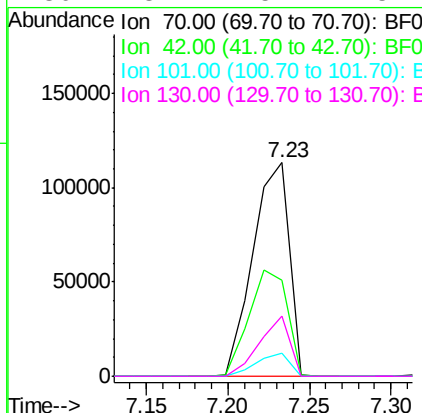




#19
n-Nitroso-di-n-propylamine
Concen: 40.31 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

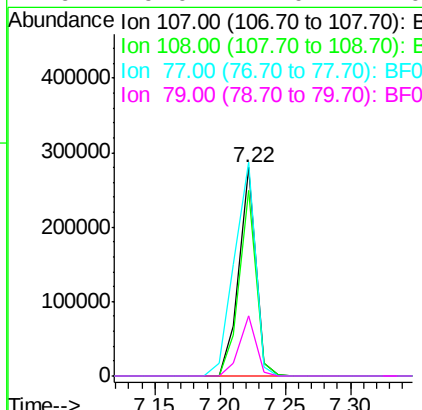
Instrument :
BNA_F
ClientSampleId :
PB91119BS

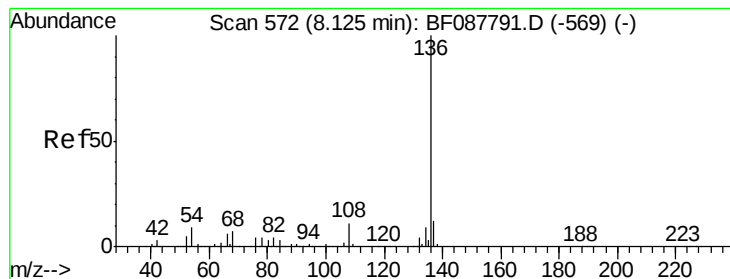
Tot Ion: 70 Resp: 175380
Ion Ratio Lower Upper
70 100
42 44.8 49.6 74.4#
101 10.9 7.1 10.7#
130 28.1 15.4 23.2#



#20
3+4-Methylphenols
Concen: 40.10 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion: 107 Resp: 252081
Ion Ratio Lower Upper
107 100
108 89.2 67.8 107.8
77 102.5 59.3 99.3#
79 29.0 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: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

Tot Ion:136 Resp: 413341

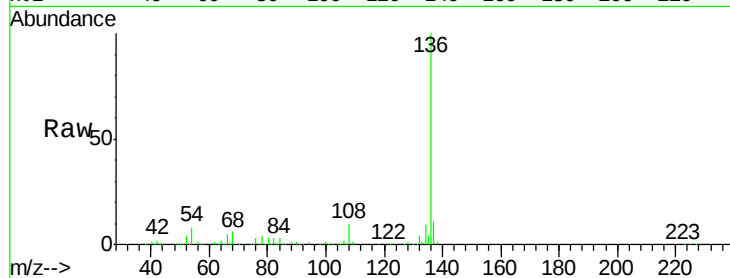
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.4 6.6 10.0

68 6.5 5.1 7.7

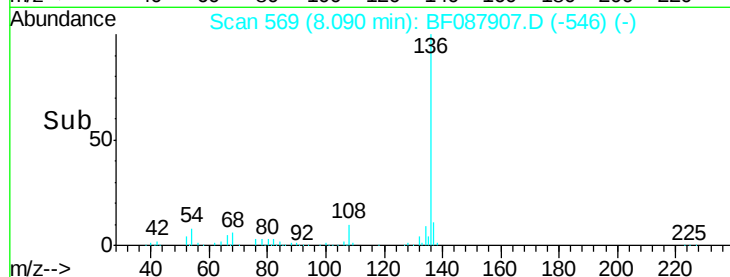


Abundance Ion 136.00 (135.70 to 136.70): E

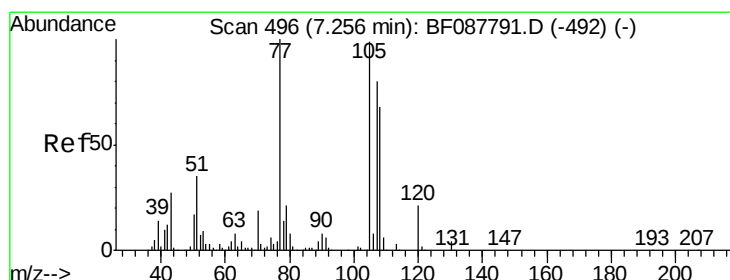
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.05 8.10 8.15



#22

Acetophenone

Concen: 35.94 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Tgt Ion:105 Resp: 332009

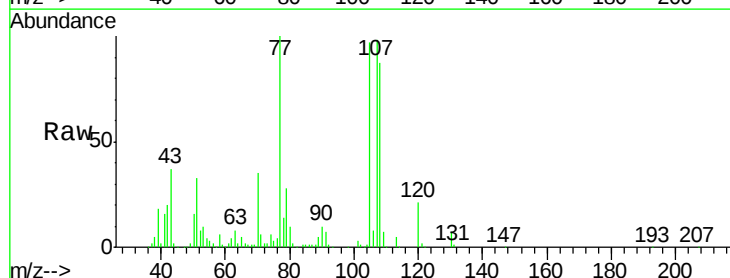
Ion Ratio Lower Upper

105 100

71 6.2 5.3 7.9

51 33.8 18.2 27.4#

120 21.5 18.0 27.0

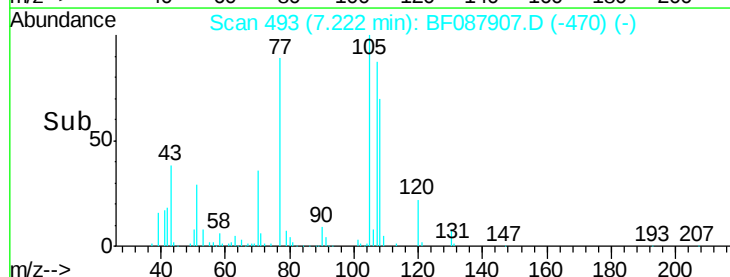


Abundance Ion 105.00 (104.70 to 105.70): E

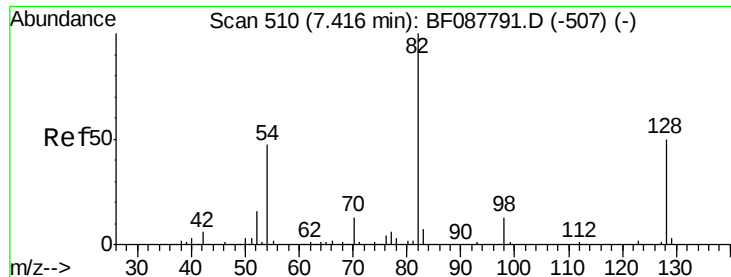
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



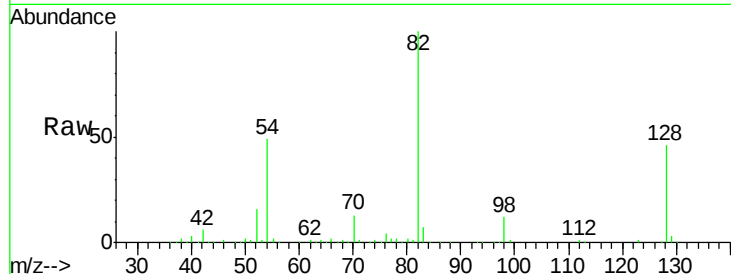
Time--> 7.15 7.20 7.25 7.30



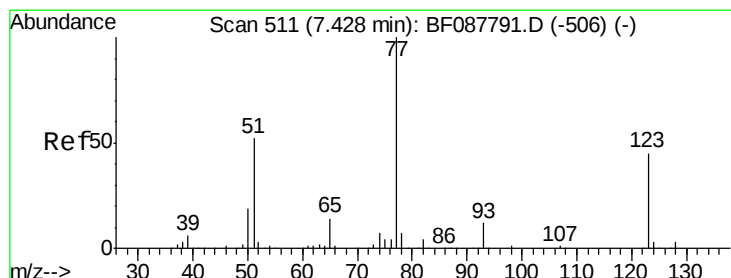
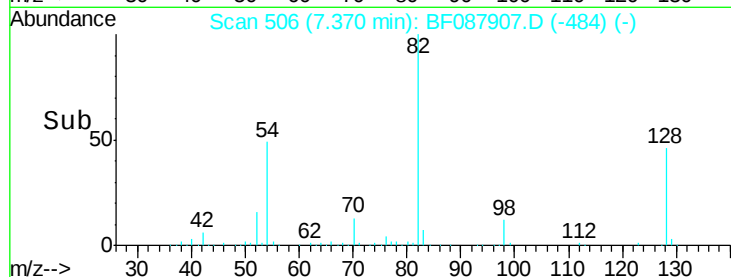
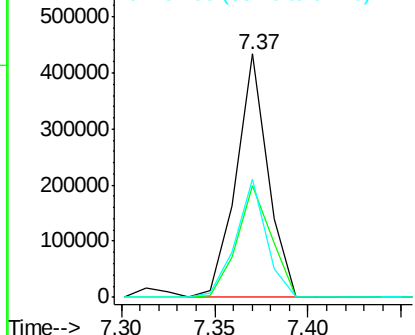
#23
Nitrobenzene-d5
Concen: 72.51 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB91119BS

Tot Ion: 82 Resp: 513274
Ion Ratio Lower Upper
82 100
128 45.8 35.9 53.9
54 48.7 40.9 61.3

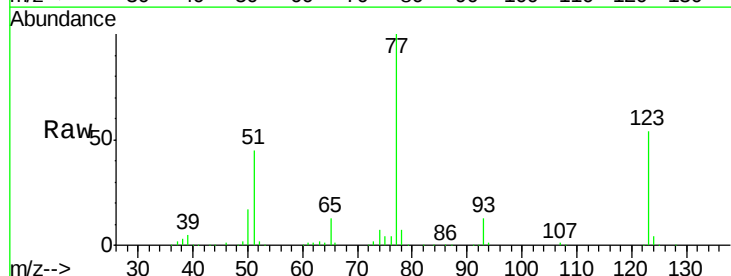


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

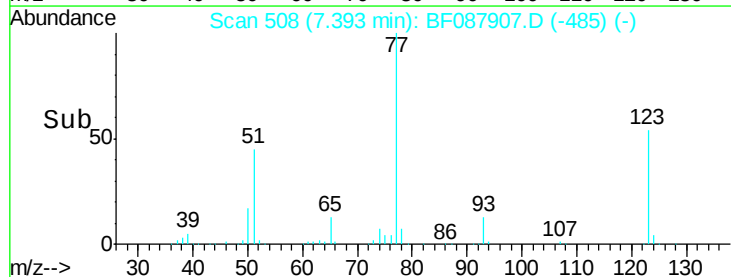
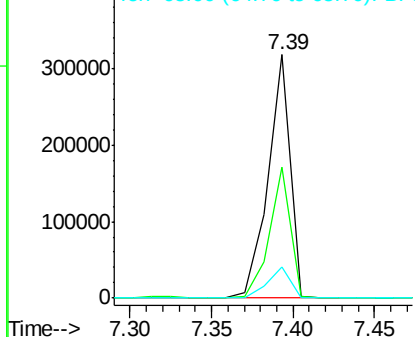


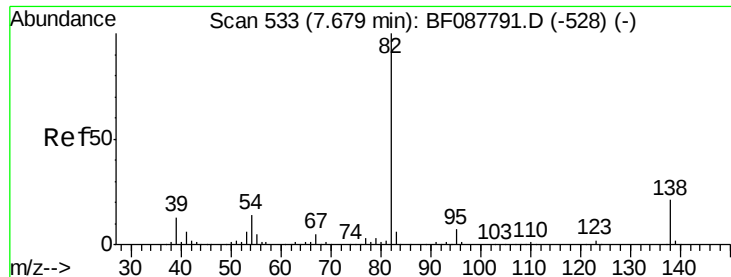
#24
Nitrobenzene
Concen: 43.87 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion: 77 Resp: 300815
Ion Ratio Lower Upper
77 100
123 54.0 45.0 67.4
65 13.0 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: 38.84 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampled :

PB91119BS

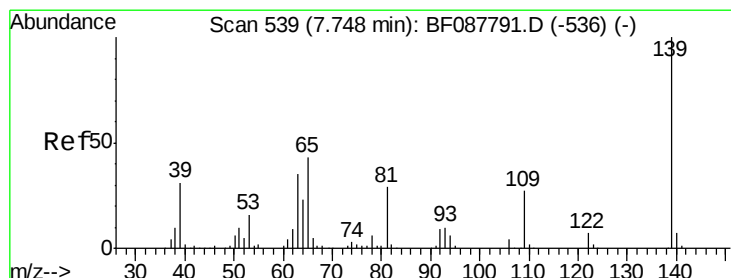
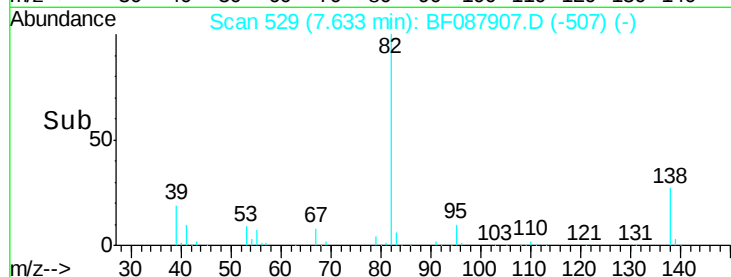
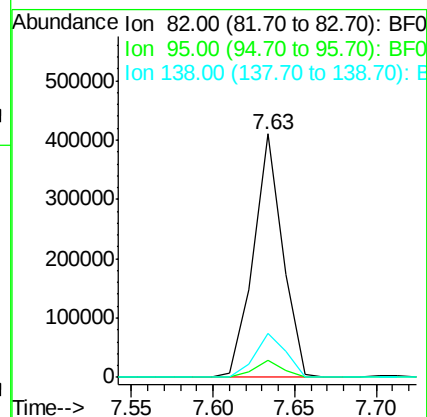
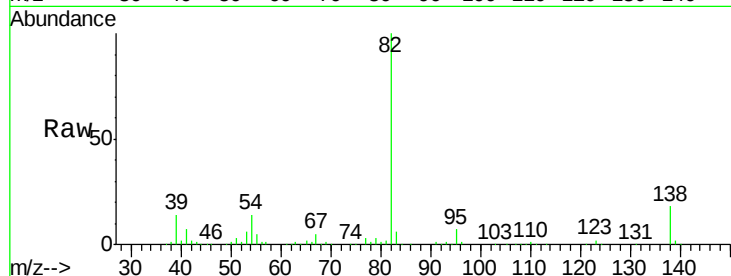
Tot Ion: 82 Resp: 509278

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 18.1 14.6 21.8



#26

2-Nitrophenol

Concen: 44.24 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

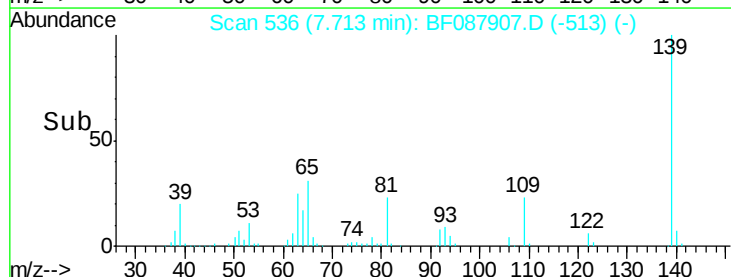
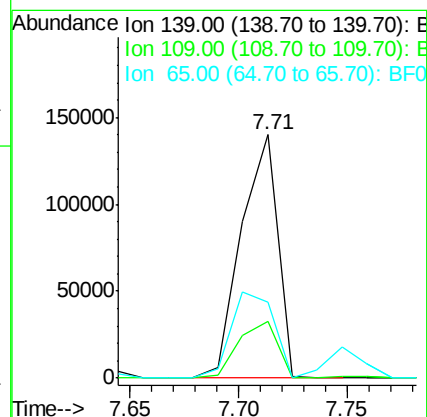
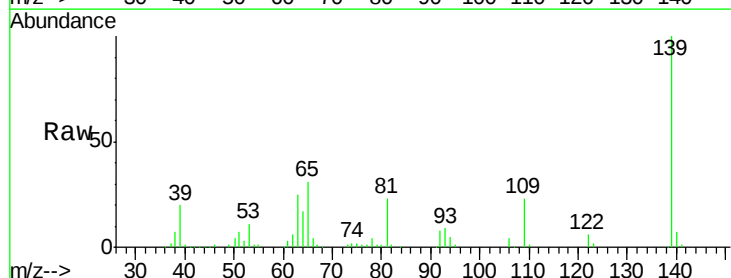
Tgt Ion: 139 Resp: 162496

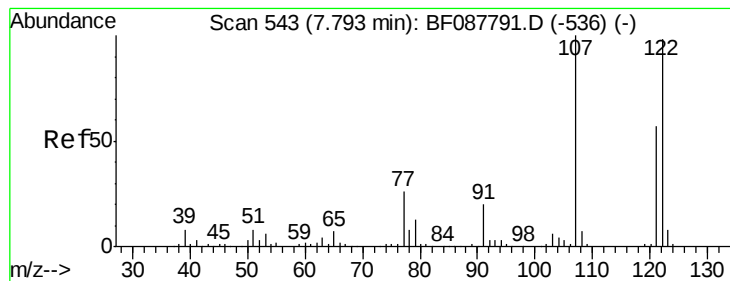
Ion Ratio Lower Upper

139 100

109 23.4 23.0 34.4

65 31.3 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 39.91 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.05 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampled :

PB91119BS

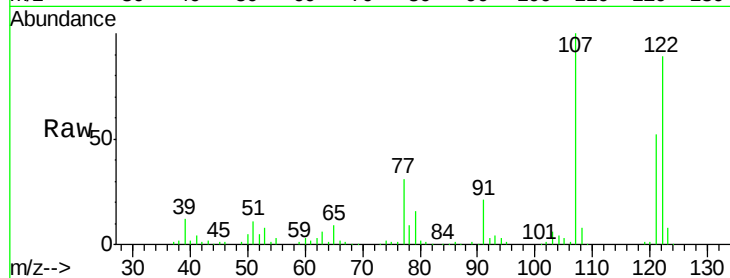
Tot Ion:122 Resp: 269903

Ion Ratio Lower Upper

122 100

107 112.5 82.4 123.6

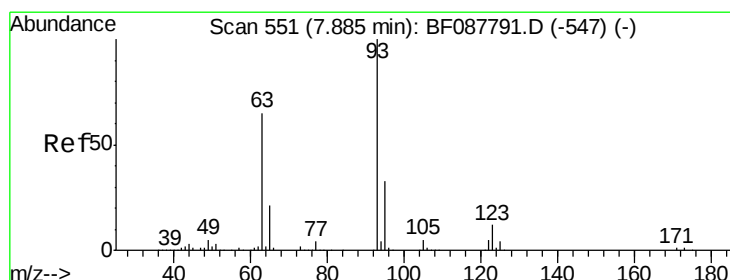
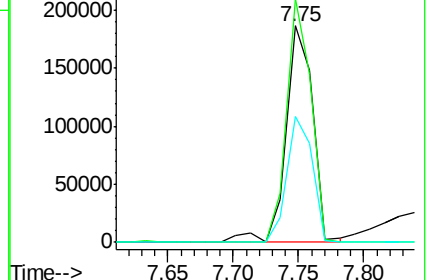
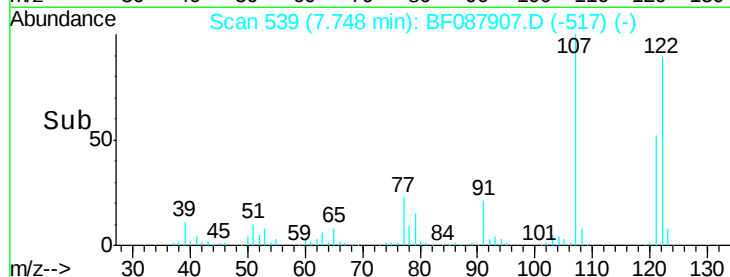
121 58.2 46.3 69.5



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: 42.20 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

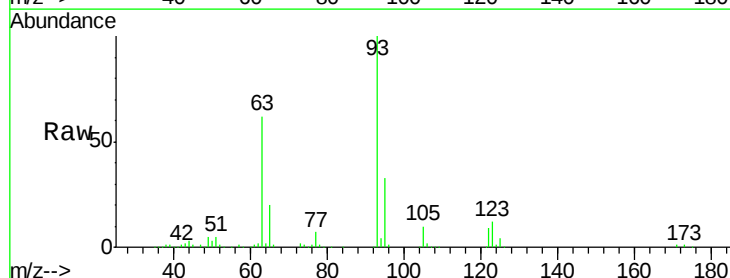
Tgt Ion: 93 Resp: 343142

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

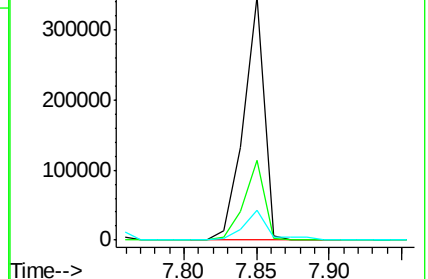
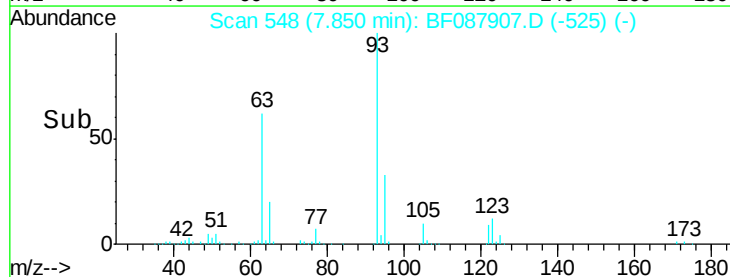
123 12.1 11.6 17.4

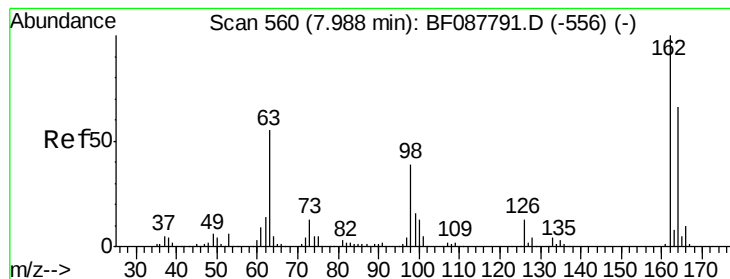


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.12 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

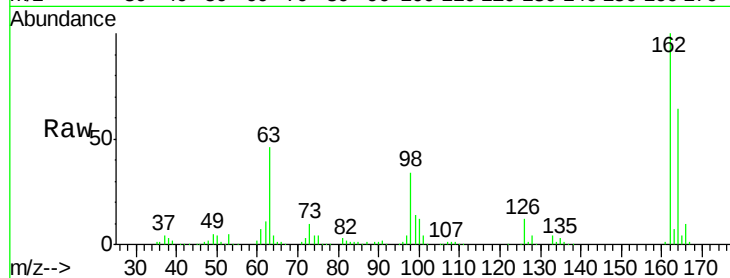
Tot Ion:162 Resp: 249103

Ion Ratio Lower Upper

162 100

164 64.4 43.8 83.8

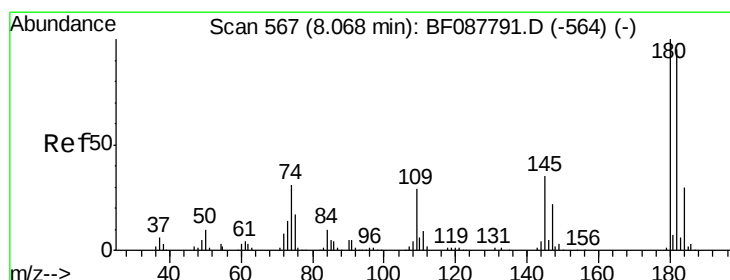
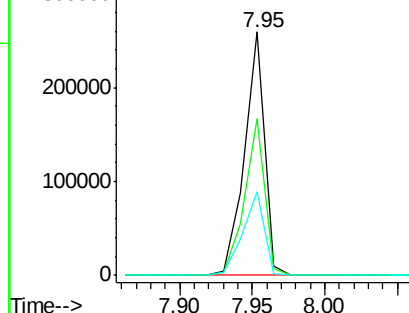
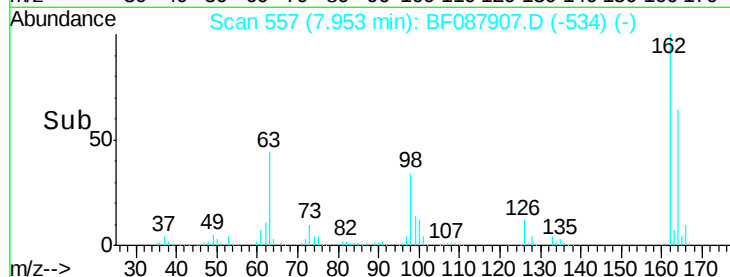
98 34.4 21.3 61.3



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): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.63 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

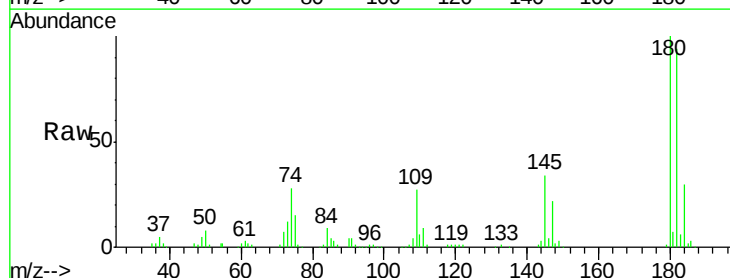
Tgt Ion:180 Resp: 225183

Ion Ratio Lower Upper

180 100

182 93.8 76.0 114.0

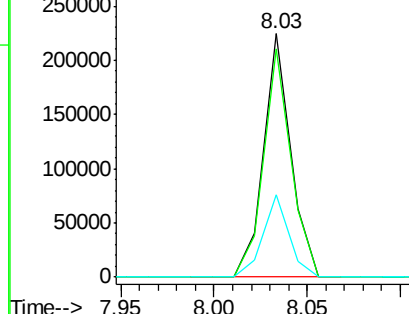
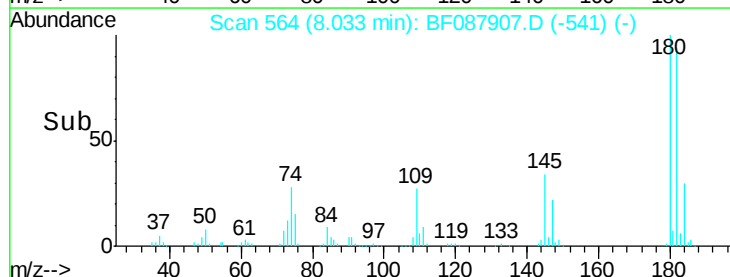
145 34.0 26.5 39.7

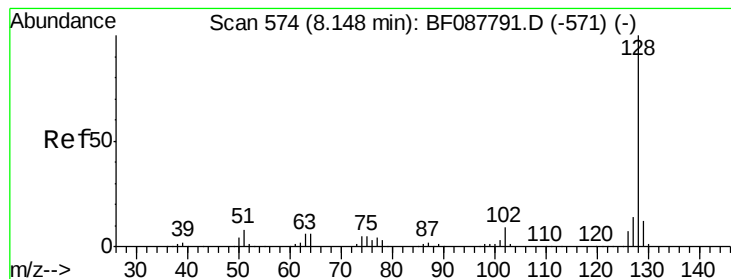


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.41 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

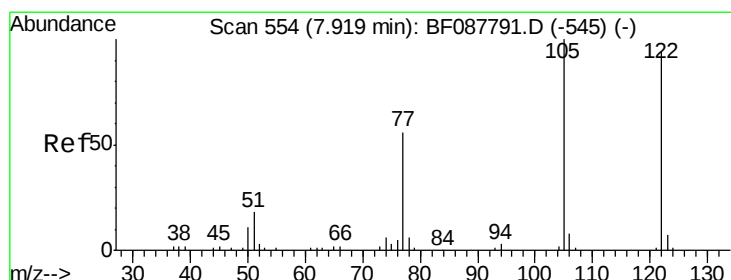
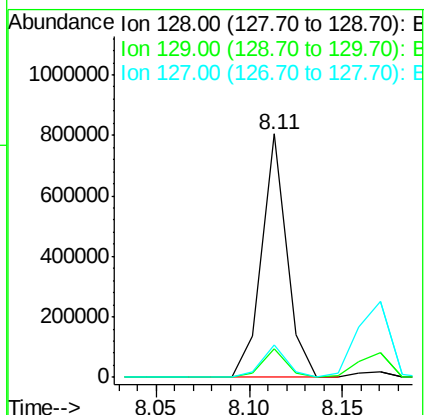
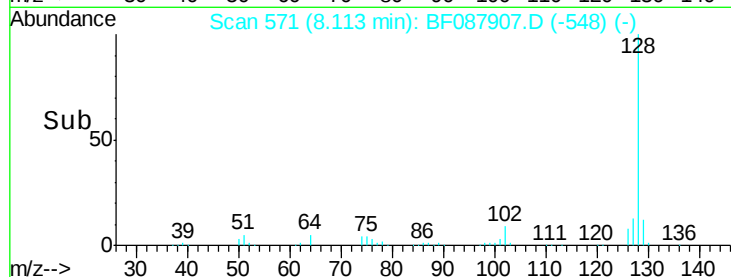
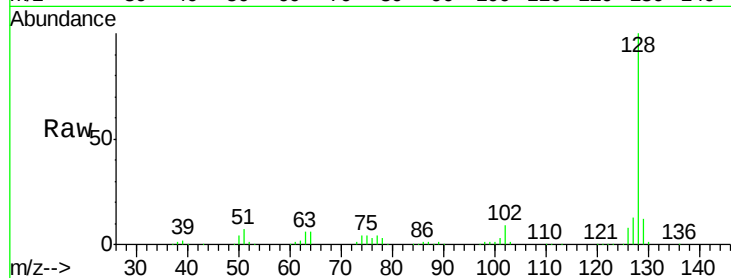
Tot Ion:128 Resp: 744760

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

127 13.5 10.9 16.3



#32

Benzoic acid

Concen: 47.89 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

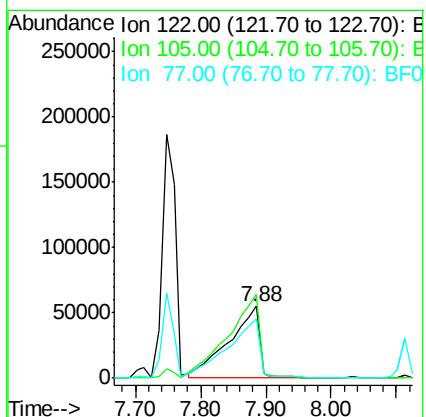
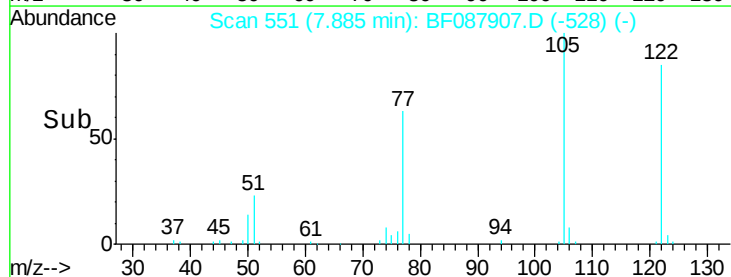
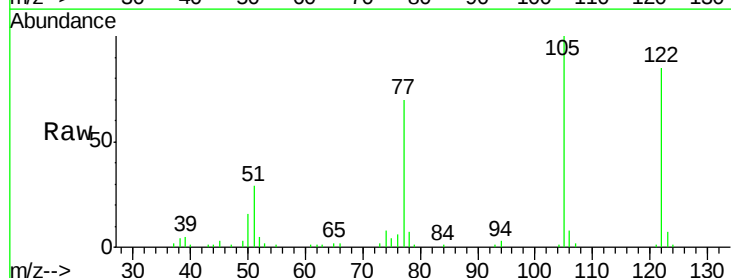
Tgt Ion:122 Resp: 178340

Ion Ratio Lower Upper

122 100

105 117.5 101.6 141.6

77 82.5 70.6 110.6

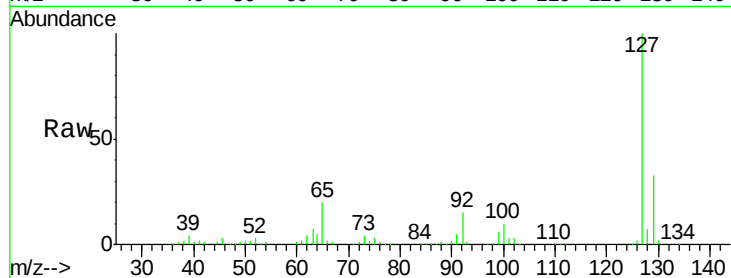




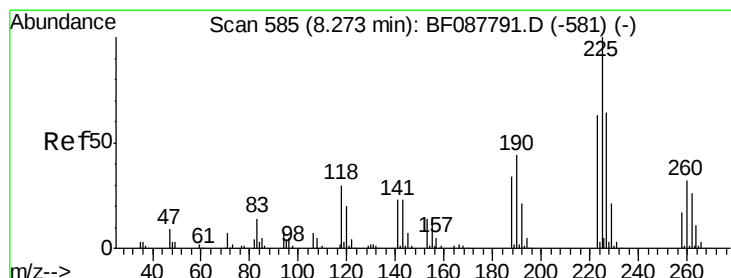
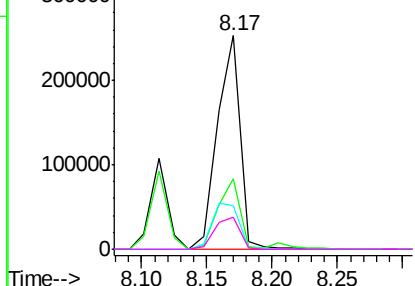
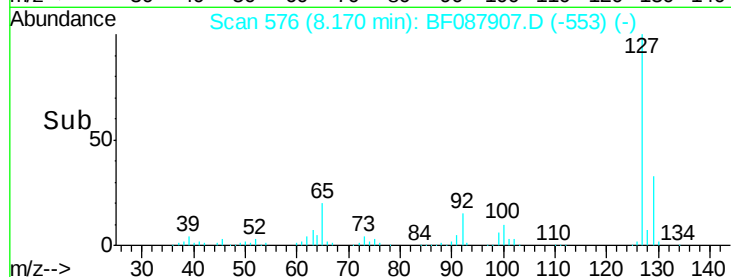
#33
4-Chloroaniline
Concen: 33.76 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB91119BS

Tot Ion:	127	Resp:	308340
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	20.3	24.7	37.1#
92	15.0	15.4	23.0#

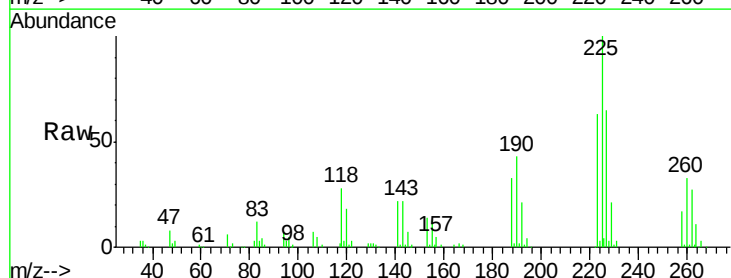


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

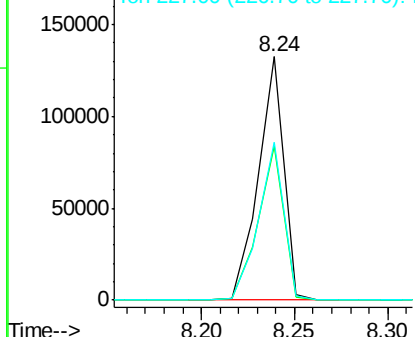
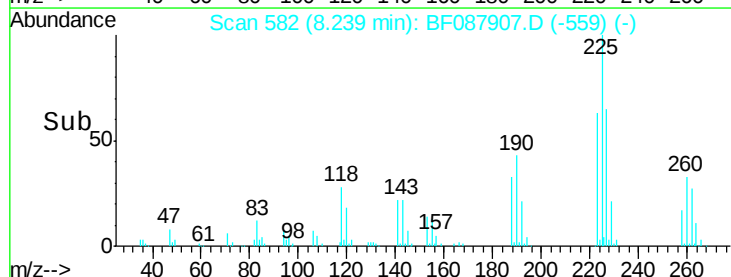


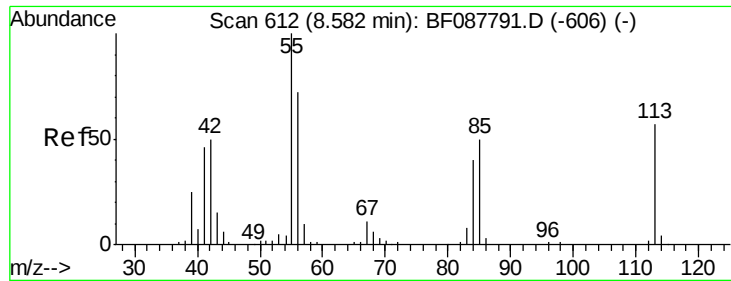
#34
Hexachlorobutadiene
Concen: 38.26 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion:	225	Resp:	124072
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	64.7	51.9	77.9



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

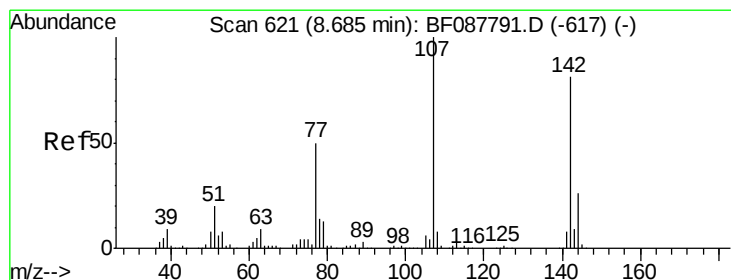
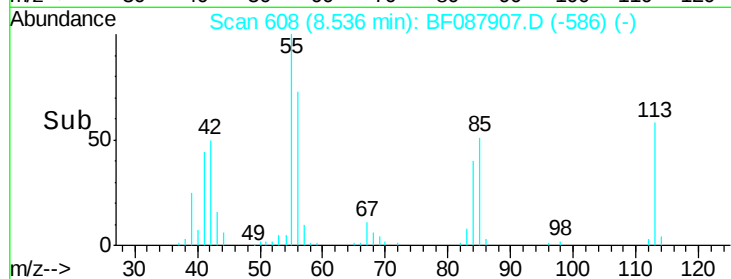
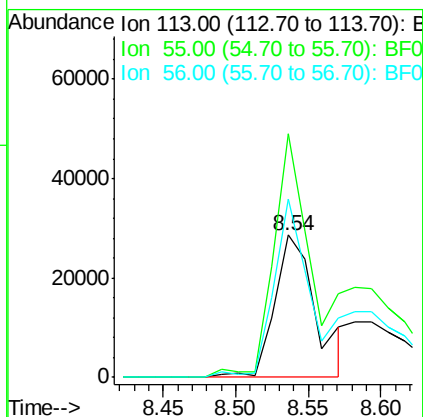
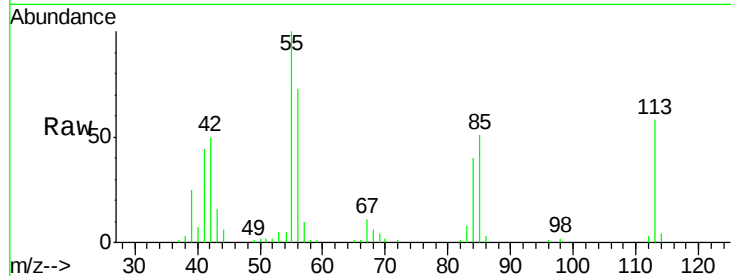




#35
Caprolactam
Concen: 30.08 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

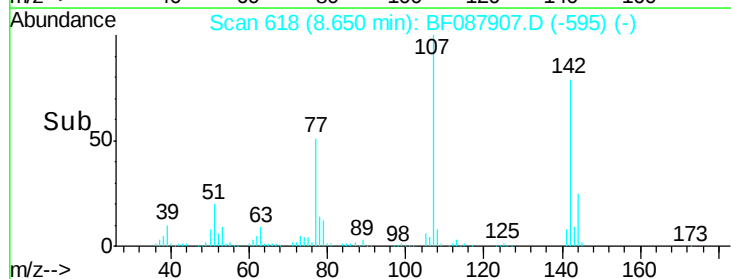
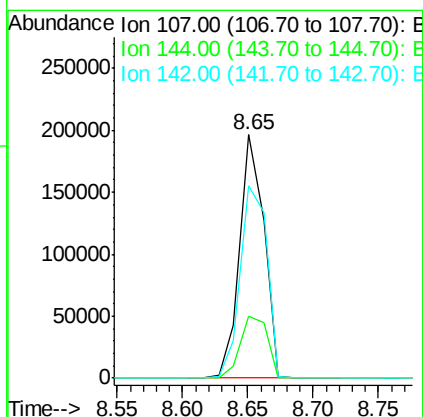
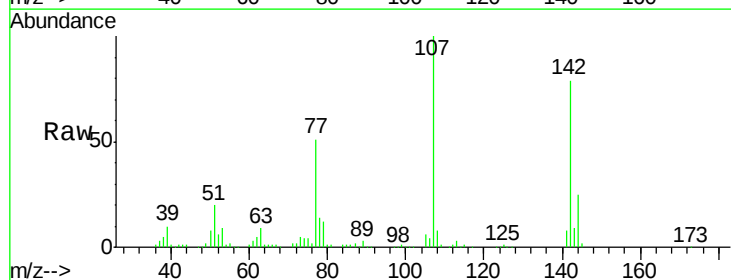
Instrument :
BNA_F
ClientSampleId :
PB91119BS

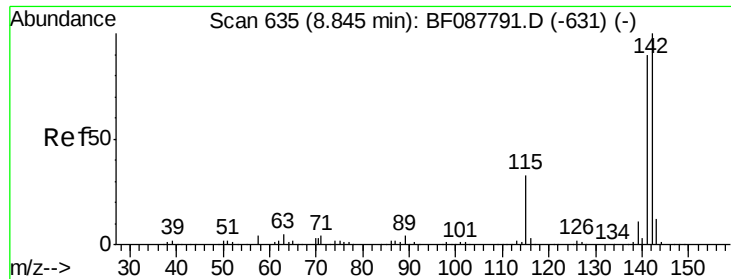
Tot Ion:113 Resp: 56263
Ion Ratio Lower Upper
113 100
55 171.4 158.6 198.6
56 125.5 110.6 150.6



#36
4-Chloro-3-methylphenol
Concen: 42.21 ng
RT: 8.65 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion:107 Resp: 254894
Ion Ratio Lower Upper
107 100
144 25.3 20.8 31.2
142 79.0 63.4 95.2

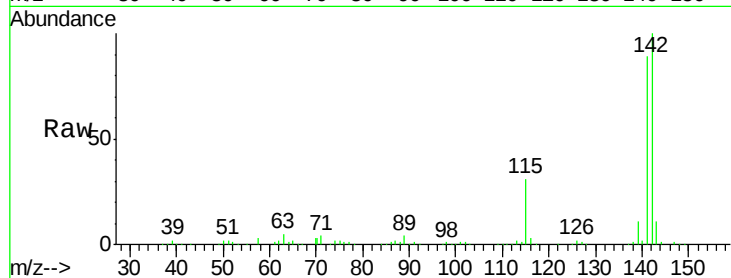




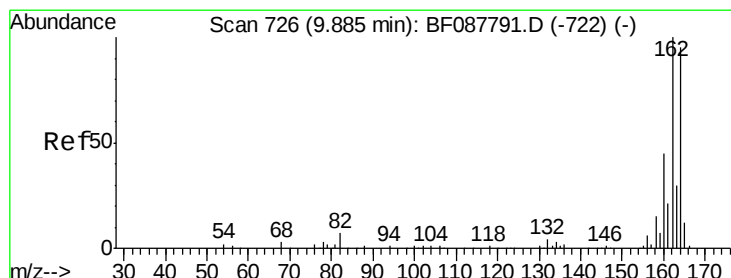
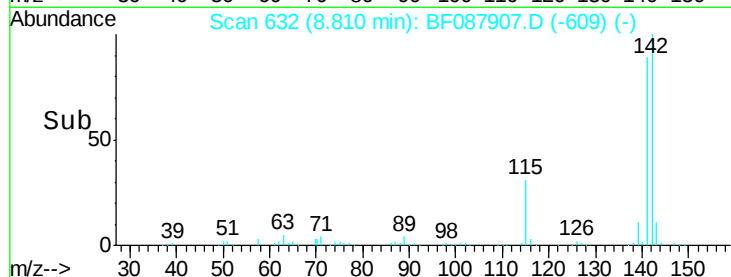
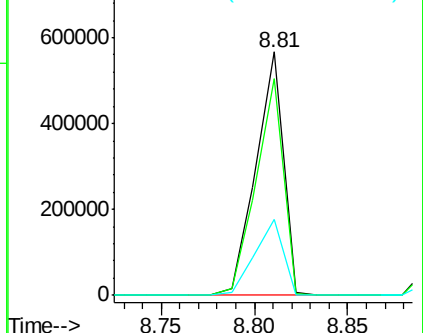
#37
 2-Methylnaphthalene
 Concen: 42.78 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BS

Tot Ion:142 Resp: 576770
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 31.4 22.6 33.8

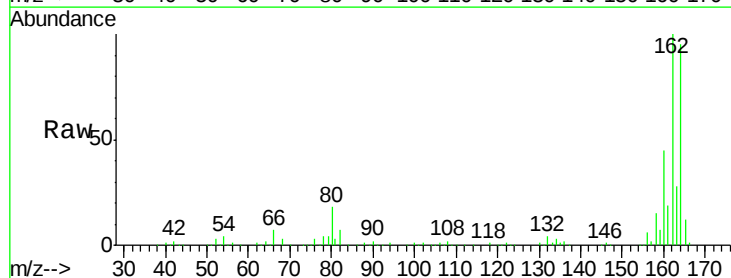


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

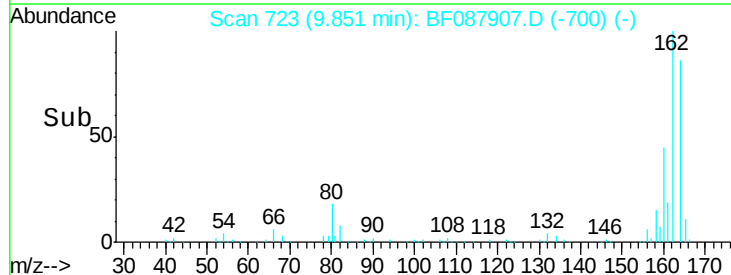
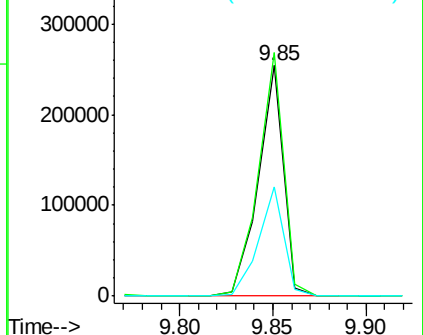


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

Tgt Ion:164 Resp: 240084
 Ion Ratio Lower Upper
 164 100
 162 105.6 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: 30.57 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

Tot Ion:216 Resp: 212378

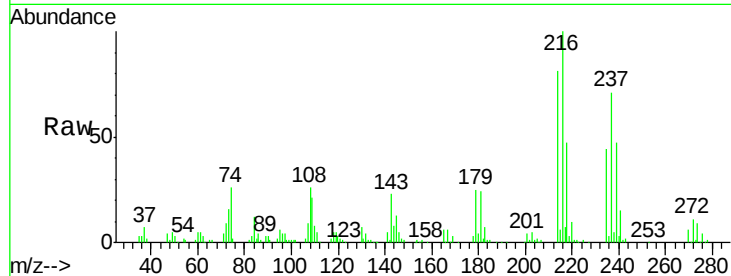
Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

179 21.7 0.0 0.0#

108 21.9 0.5 0.7#

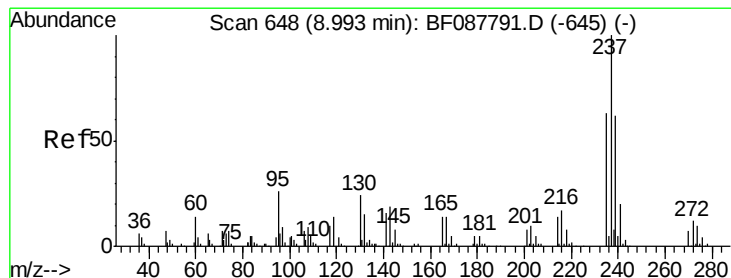
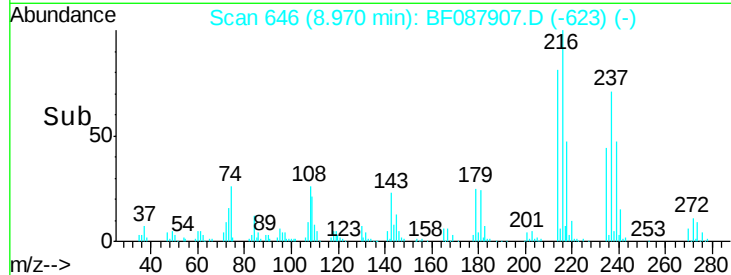
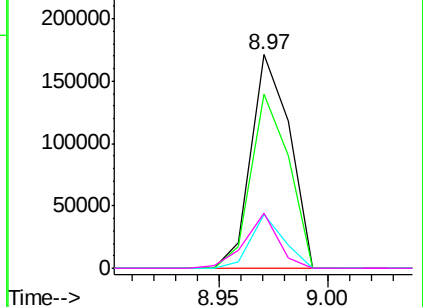


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.52 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

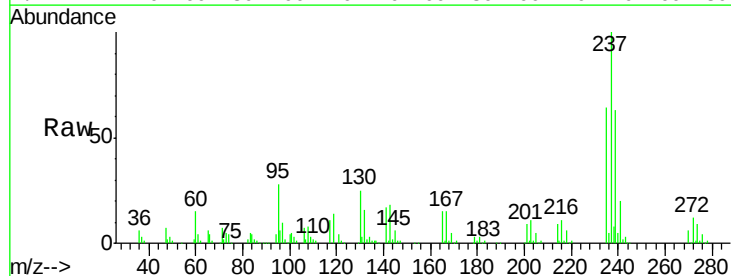
Tgt Ion:237 Resp: 226643

Ion Ratio Lower Upper

237 100

235 64.2 43.4 83.4

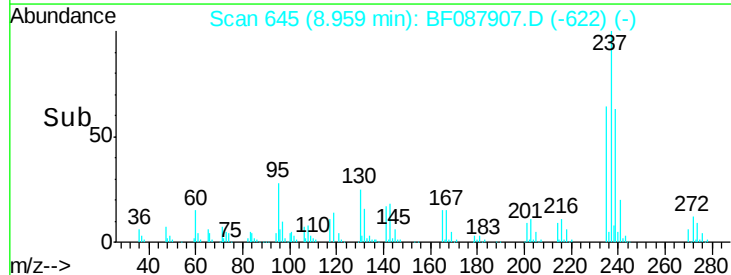
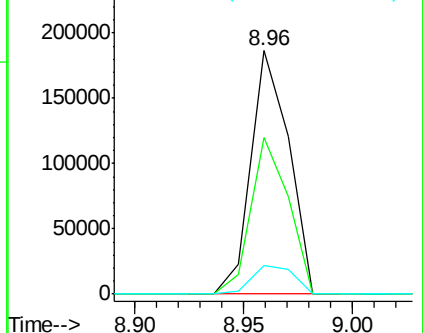
272 11.6 0.0 32.3



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

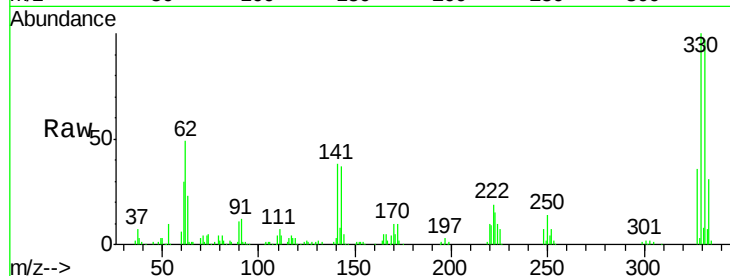




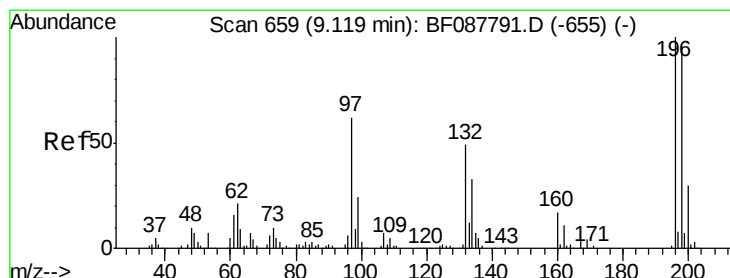
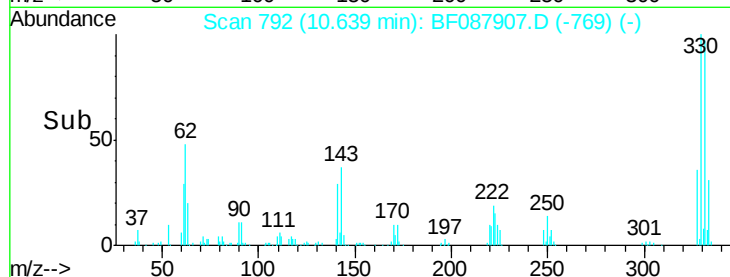
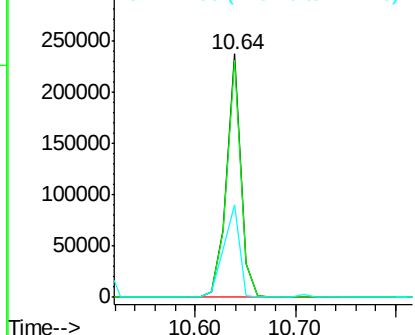
#41
 2,4,6-Tribromophenol
 Concen: 92.95 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	42.0	0.0	0.0#

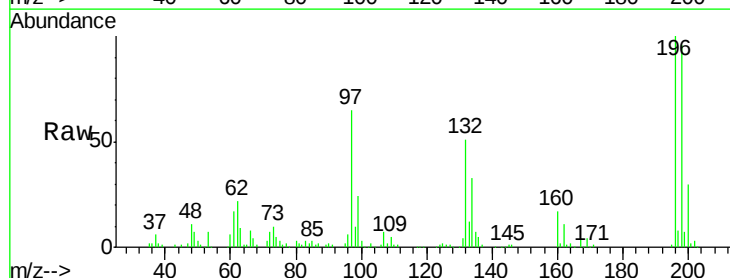


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

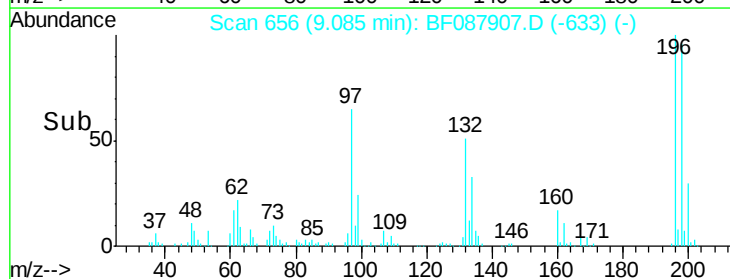
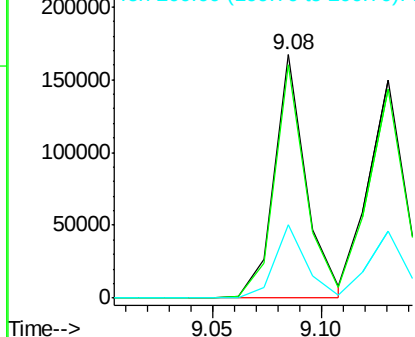


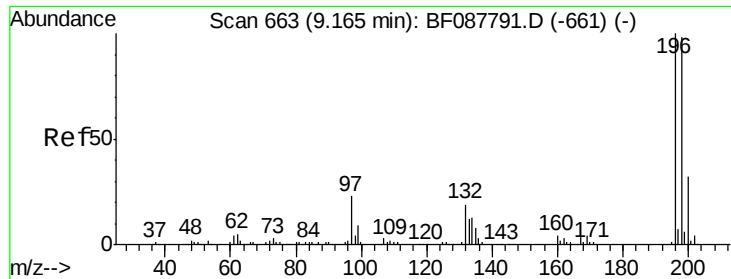
#42
 2,4,6-Trichlorophenol
 Concen: 35.63 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.0	117.0
200	30.1	25.4	38.2



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

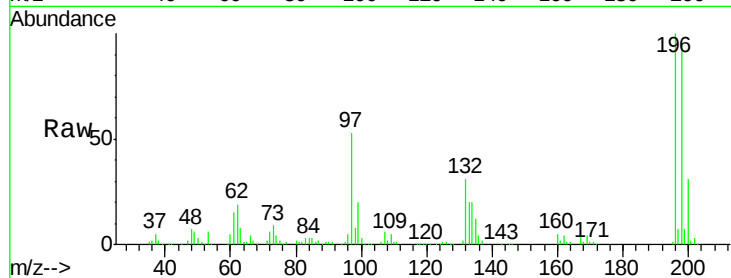




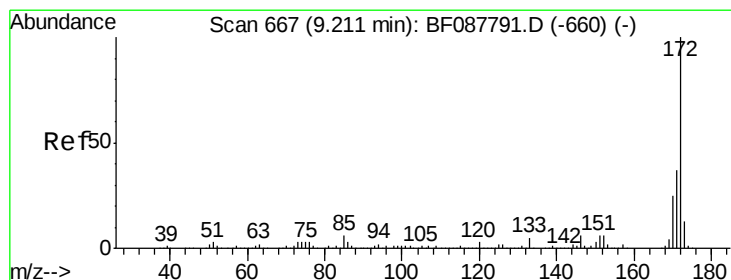
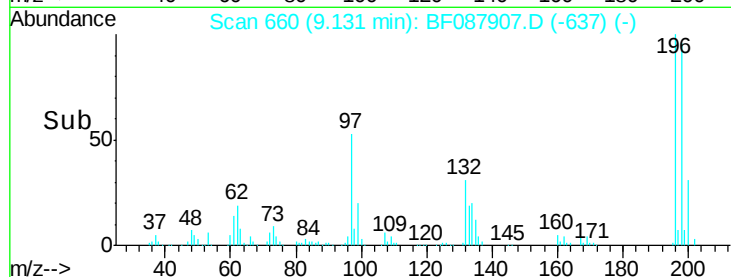
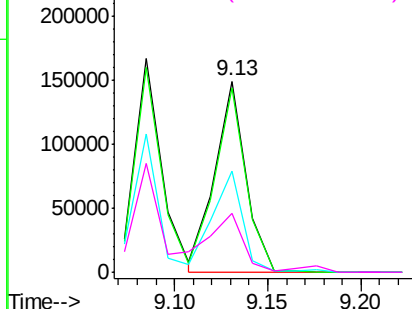
#43
 2,4,5-Trichlorophenol
 Concen: 34.69 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BS

Tot Ion:196 Resp: 173292
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.5 116.3
 97 53.2 32.0 48.0#
 132 30.8 20.9 31.3

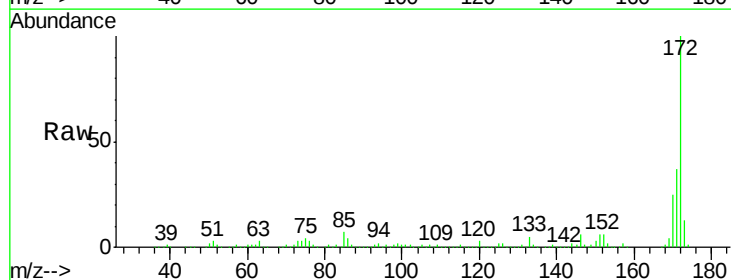


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

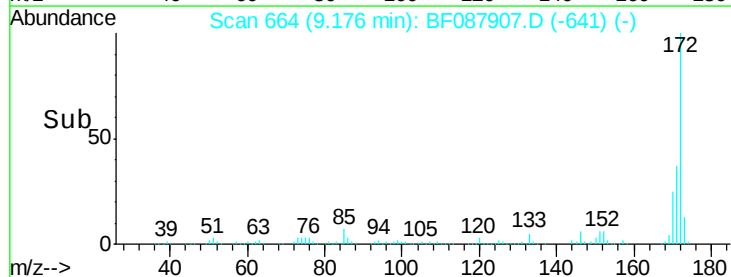
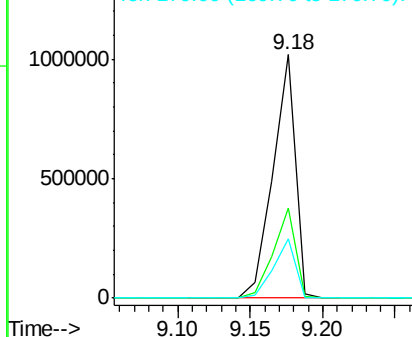


#44
 2-Fluorobiphenyl
 Concen: 70.24 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

Tgt Ion:172 Resp: 1088200
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

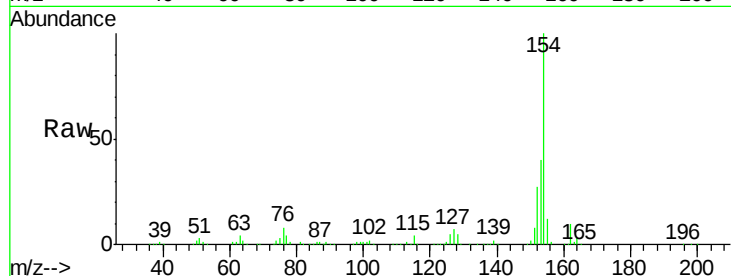




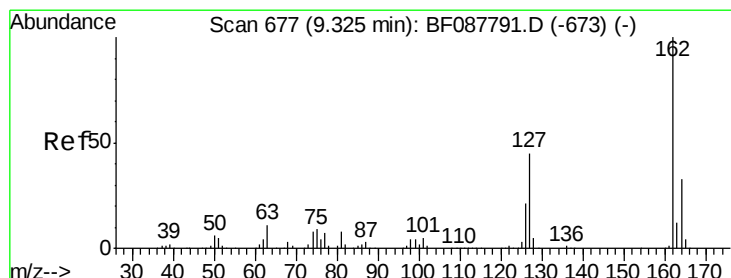
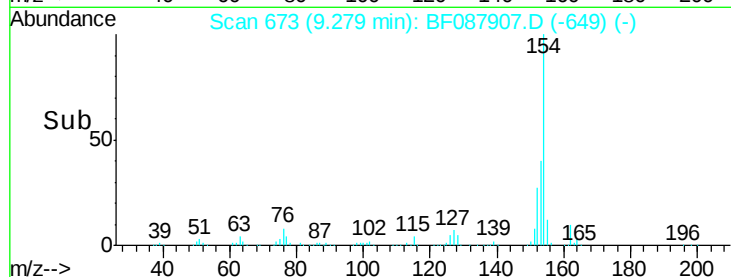
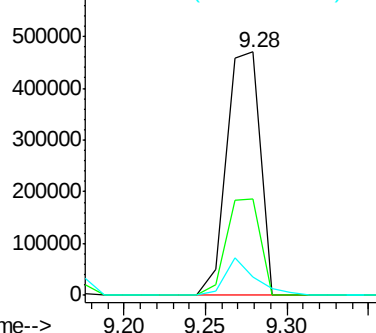
#45
1,1'-Biphenyl
Concen: 36.05 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB91119BS

Tot Ion:154 Resp: 671822
Ion Ratio Lower Upper
154 100
153 39.8 20.6 60.6
76 7.5 0.0 35.1

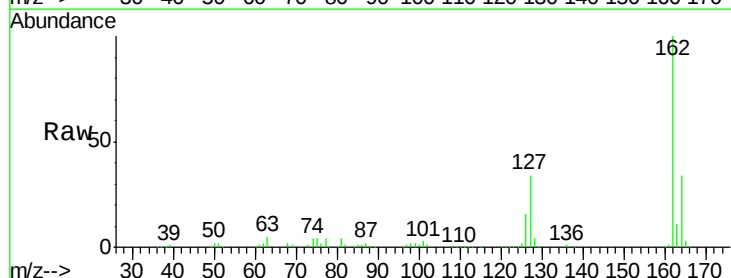


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

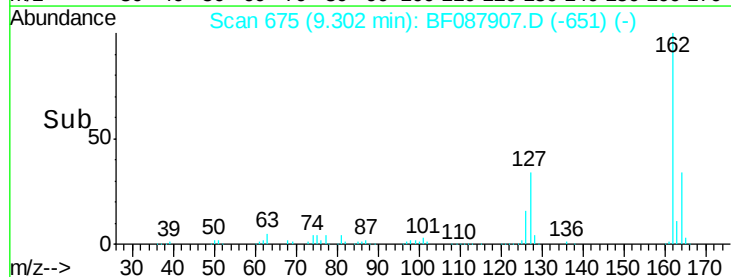
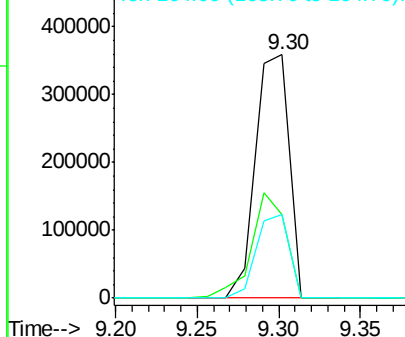


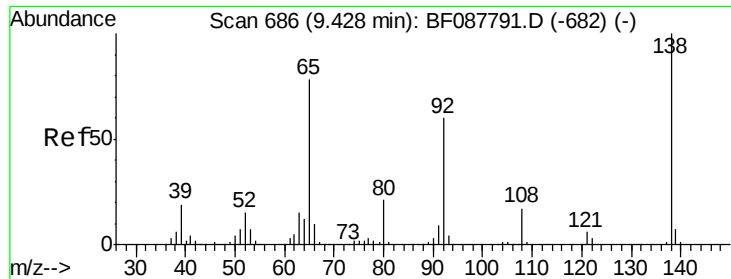
#46
2-Chloronaphthalene
Concen: 33.19 ng
RT: 9.30 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion:162 Resp: 515597
Ion Ratio Lower Upper
162 100
127 34.1 35.2 52.8#
164 34.2 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

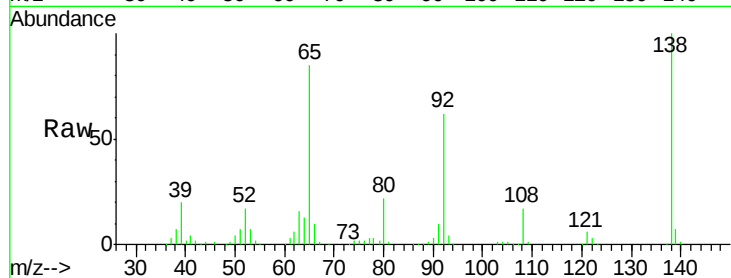




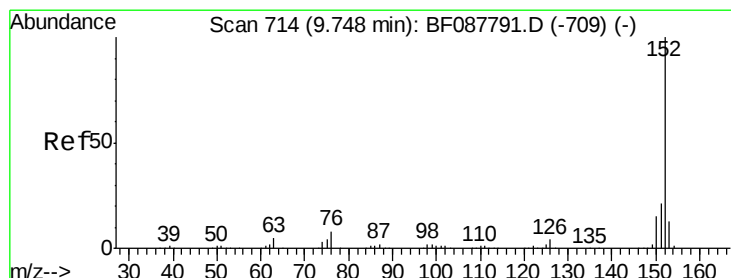
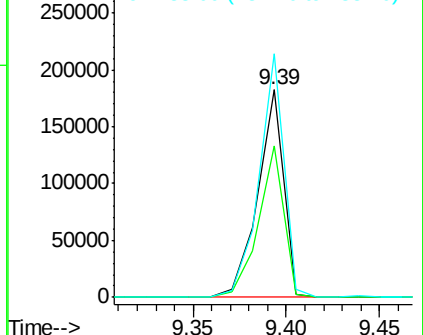
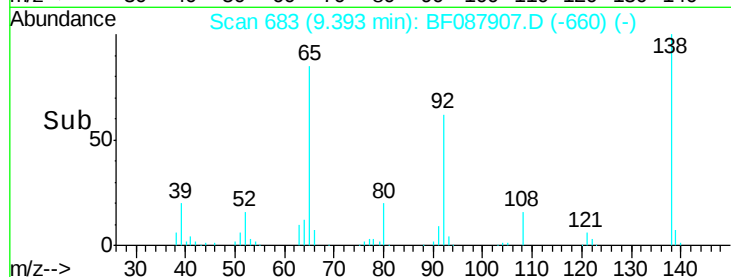
#47
2-Nitroaniline
Concen: 37.95 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB91119BS

Tot Ion: 65 Resp: 173920
Ion Ratio Lower Upper
65 100
92 72.9 54.6 82.0
138 117.4 77.0 115.4#

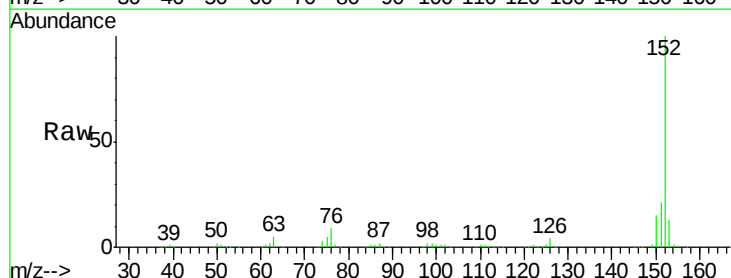


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

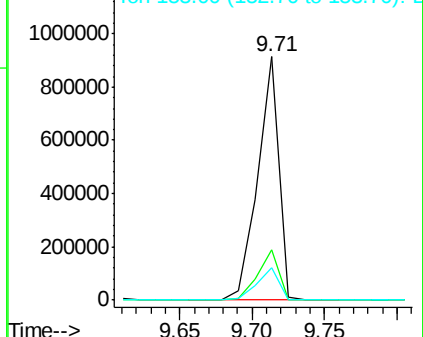
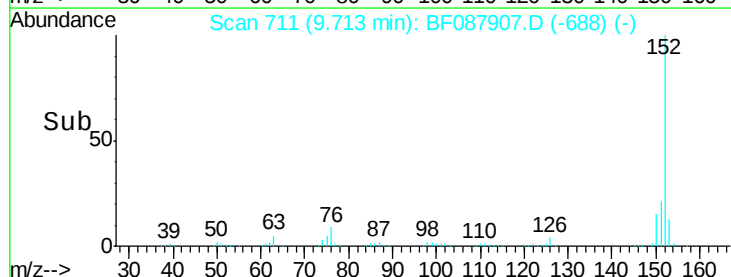


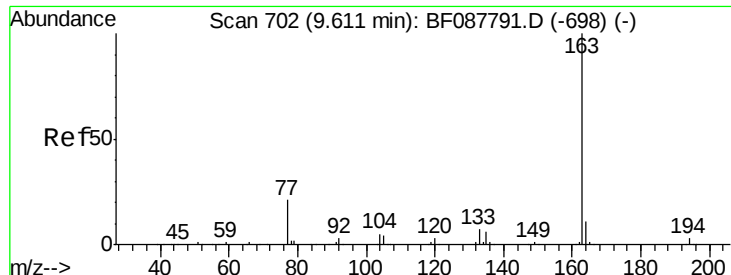
#48
Acenaphthylene
Concen: 37.18 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion:152 Resp: 918783
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.3 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

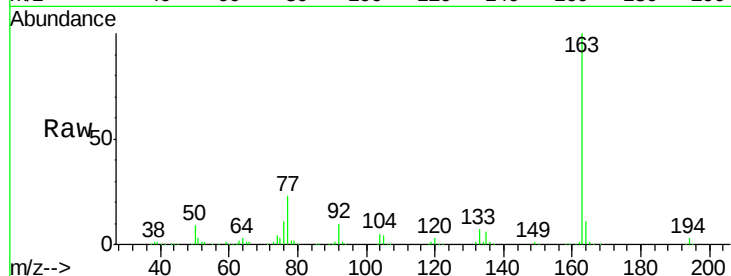




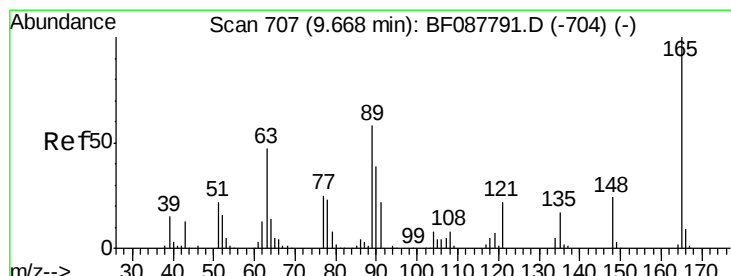
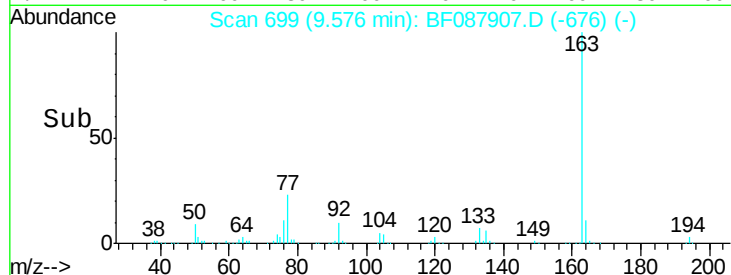
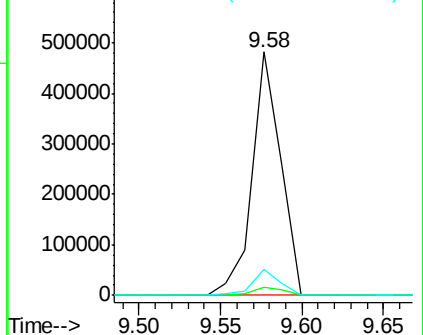
#49
Dimethylphthalate
Concen: 33.59 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB91119BS

Tot Ion:163 Resp: 584234
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.7 8.3 12.5

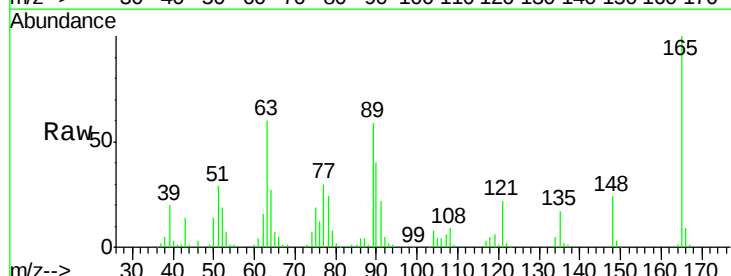


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

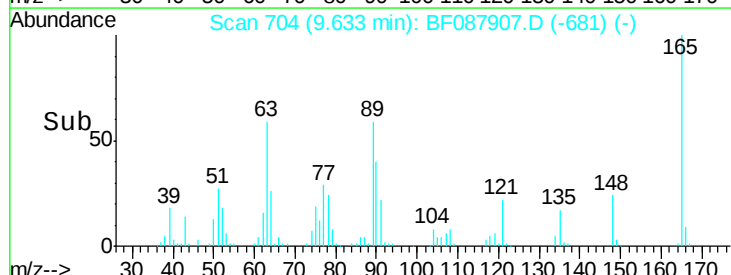
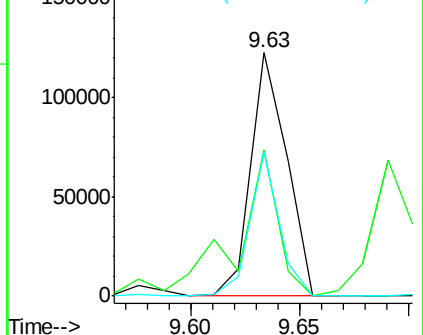


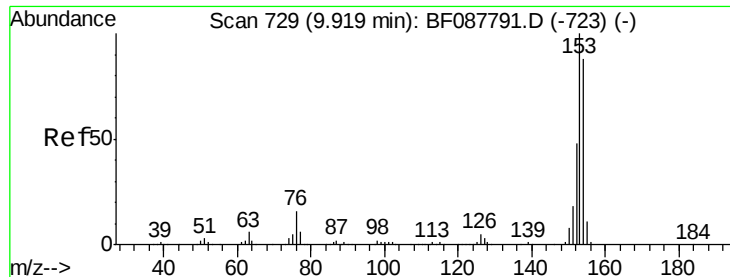
#50
2,6-Dinitrotoluene
Concen: 35.27 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion:165 Resp: 140492
Ion Ratio Lower Upper
165 100
63 59.8 28.1 42.1#
89 59.3 32.2 48.2#



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





#51

Acenaphthene

Concen: 43.24 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

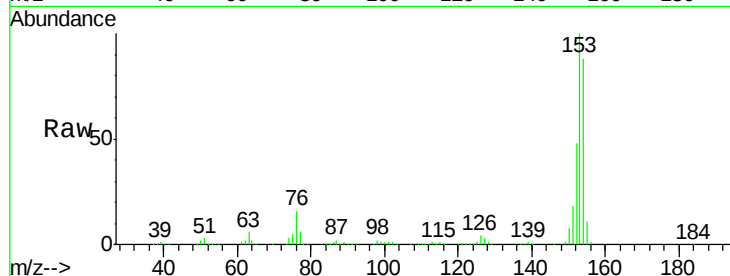
Tot Ion:154 Resp: 666526

Ion Ratio Lower Upper

154 100

153 113.3 89.5 134.3

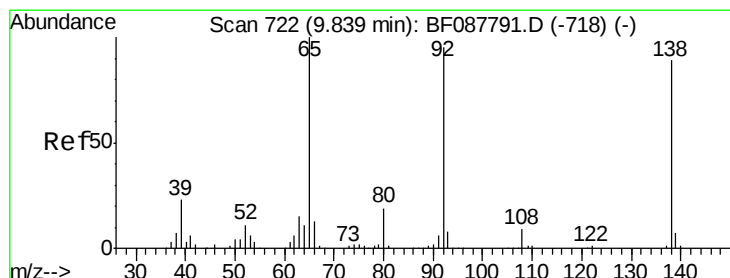
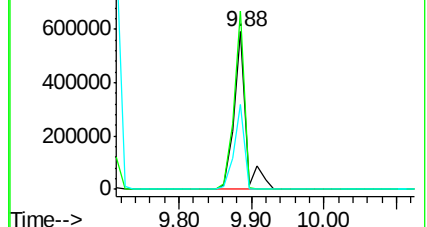
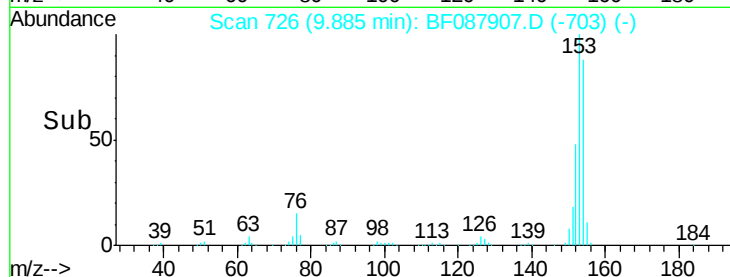
152 54.0 42.7 64.1



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: 35.59 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

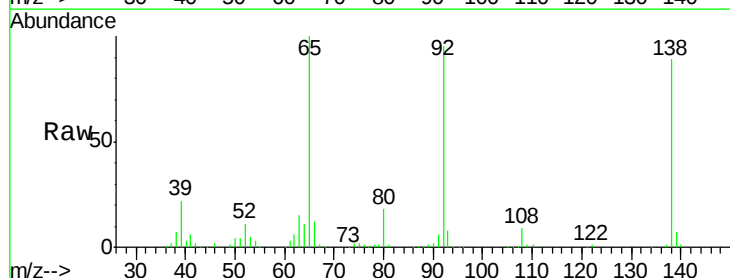
Tgt Ion:138 Resp: 163550

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

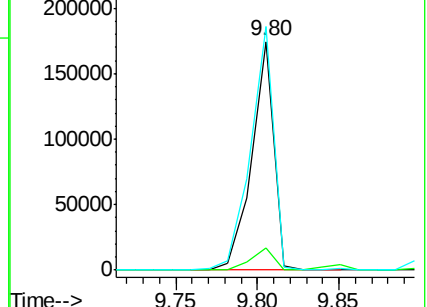
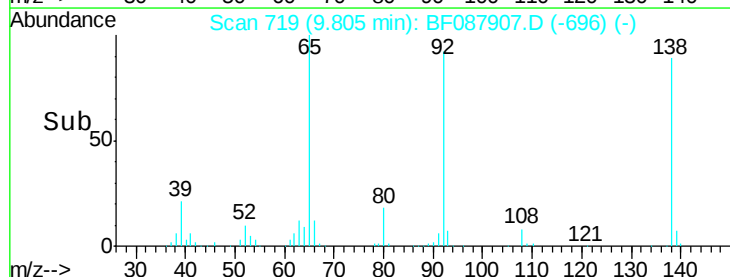
92 106.6 95.7 143.5

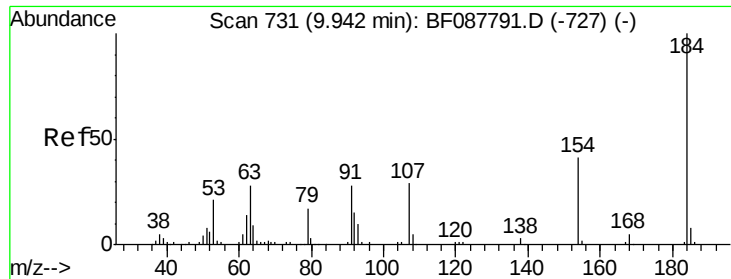


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

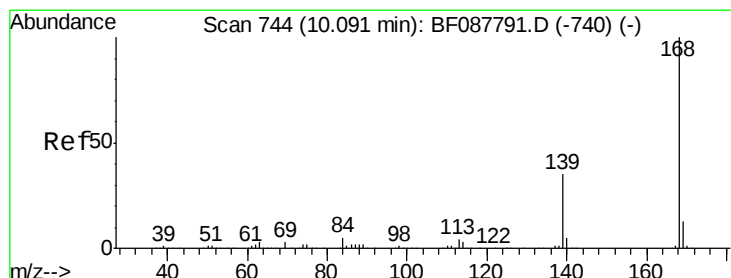
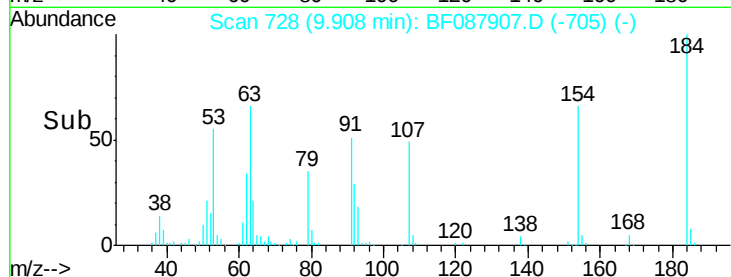
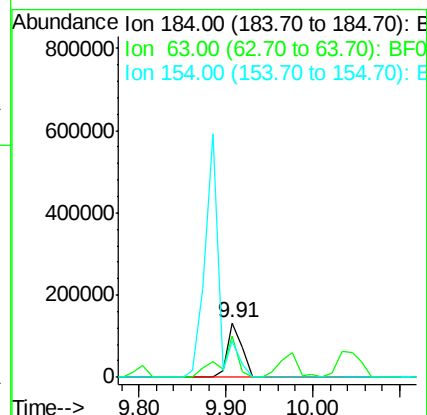
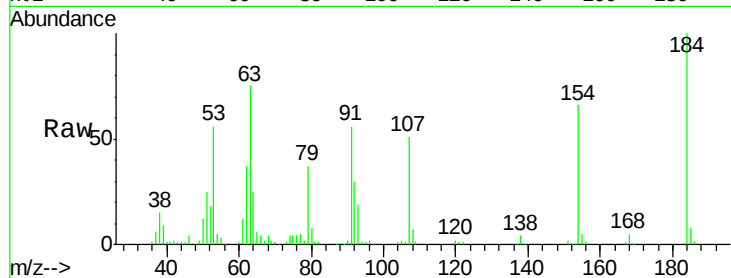




#53
2,4-Dinitrophenol
Concen: 74.12 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

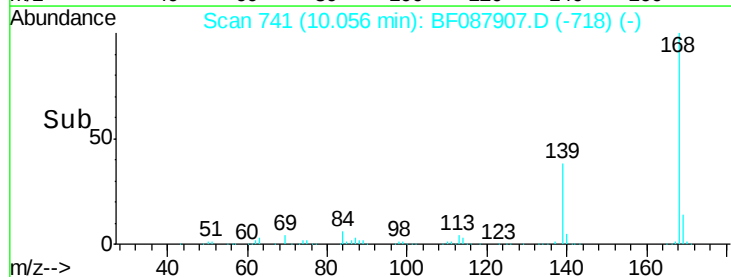
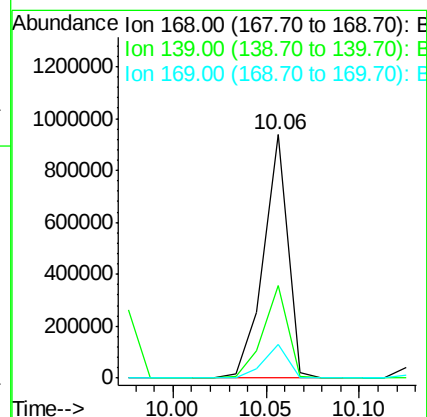
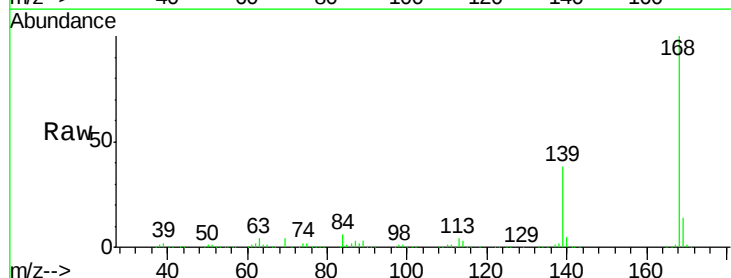
Instrument :
BNA_F
ClientSampleId :
PB91119BS

Tot Ion:184 Resp: 158678
Ion Ratio Lower Upper
184 100
63 75.3 57.6 86.4
154 65.8 53.5 80.3



#54
Dibenzofuran
Concen: 39.63 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion:168 Resp: 841447
Ion Ratio Lower Upper
168 100
139 38.0 26.4 39.6
169 13.8 10.4 15.6

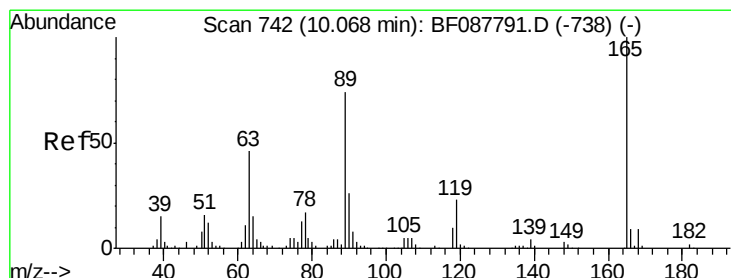
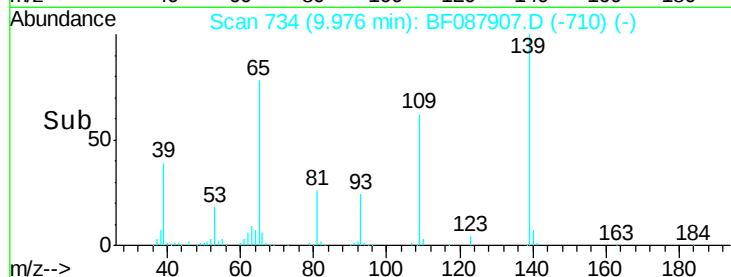
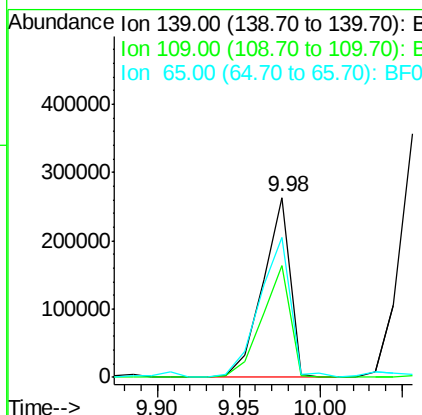
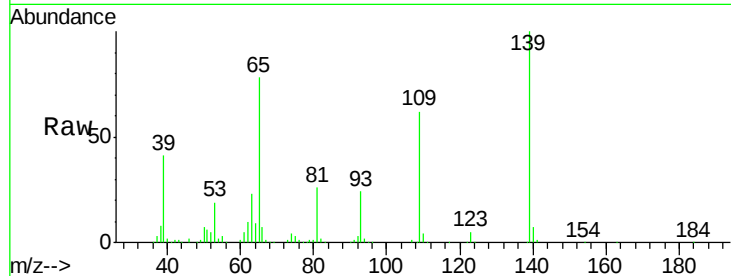




#55
4-Nitrophenol
Concen: 86.43 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

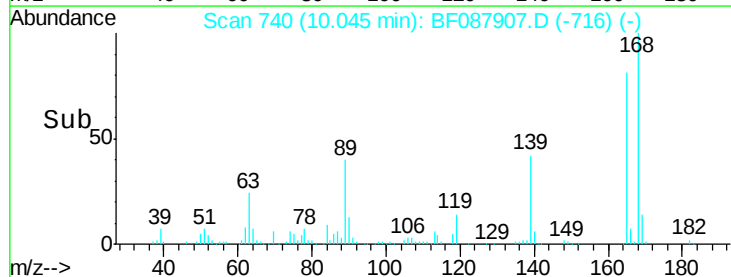
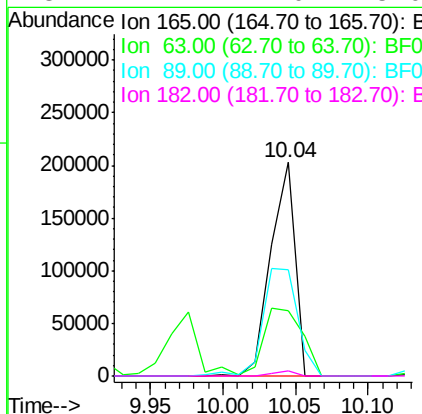
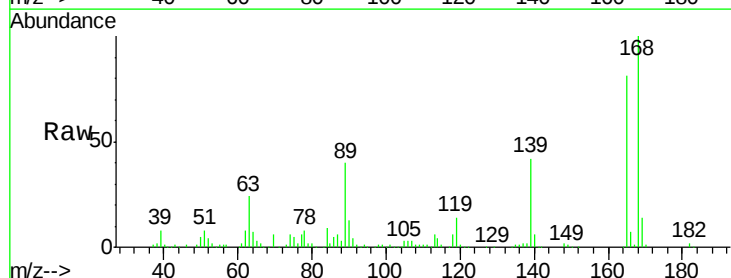
Instrument :
BNA_F
ClientSampleId :
PB91119BS

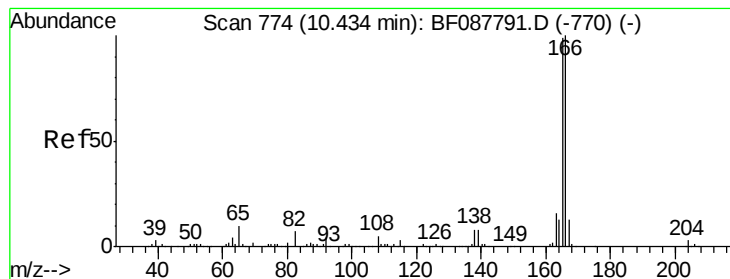
Tot Ion:139 Resp: 308304
Ion Ratio Lower Upper
139 100
109 62.5 48.9 88.9
65 78.2 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 46.07 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion:165 Resp: 235797
Ion Ratio Lower Upper
165 100
63 30.3 22.0 33.0
89 49.7 41.1 61.7
182 2.4 2.0 3.0





#57

Fluorene

Concen: 46.51 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

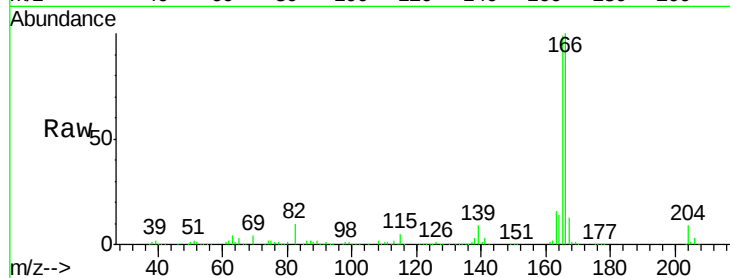
Tot Ion:166 Resp: 664924

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

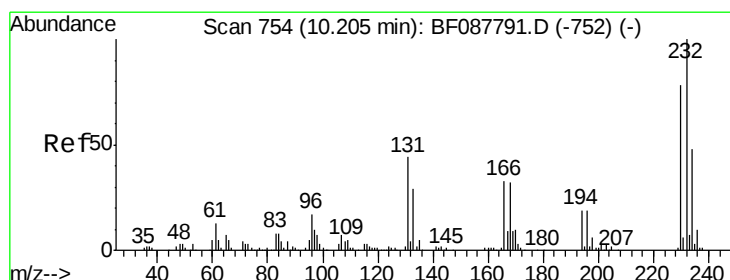
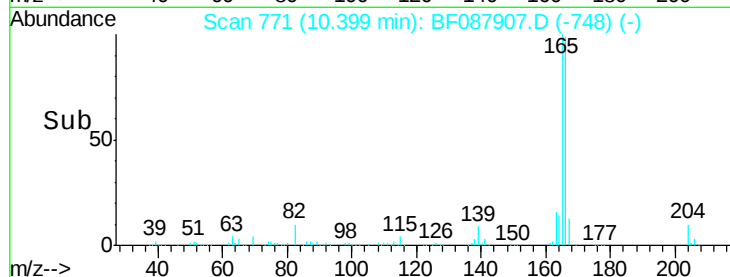
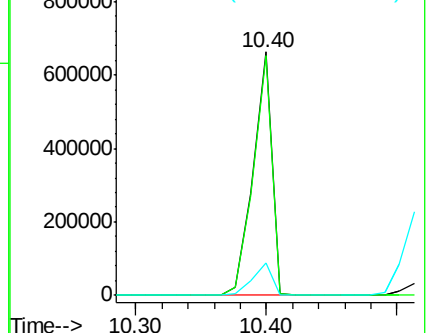
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.50 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Tgt Ion:232 Resp: 155043

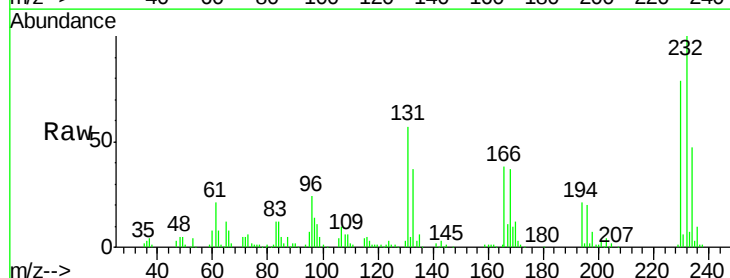
Ion Ratio Lower Upper

232 100

131 52.6 0.9 1.3#

130 2.4 1.5 2.3#

166 35.4 0.5 0.7#

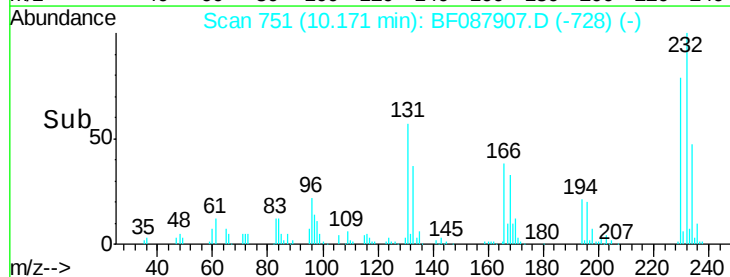
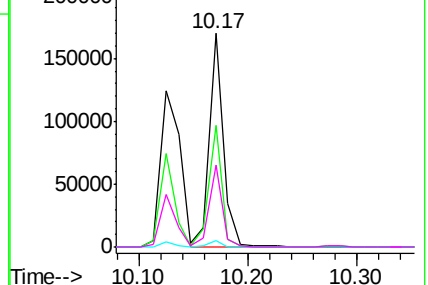


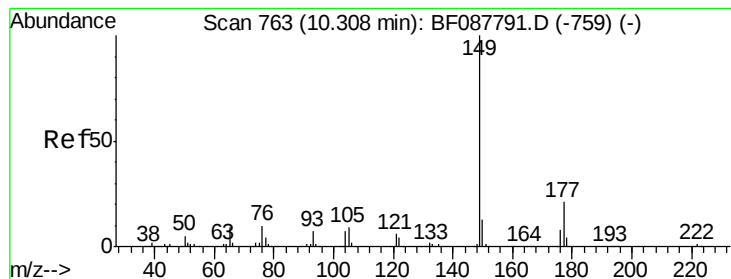
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.29 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

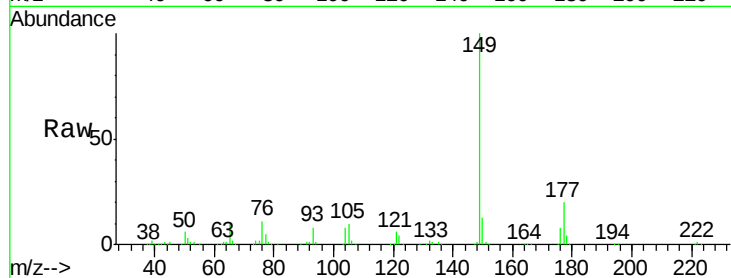
Tot Ion:149 Resp: 674076

Ion Ratio Lower Upper

149 100

177 19.5 16.9 25.3

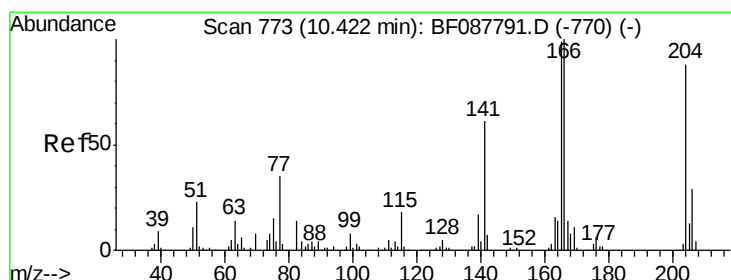
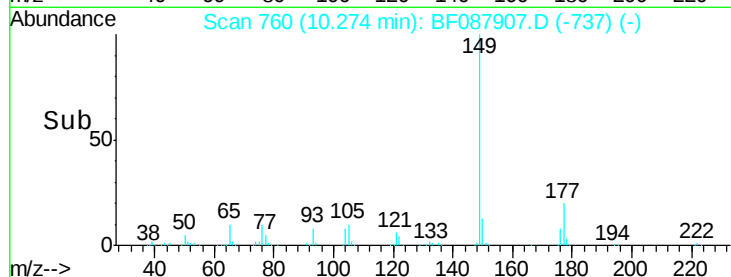
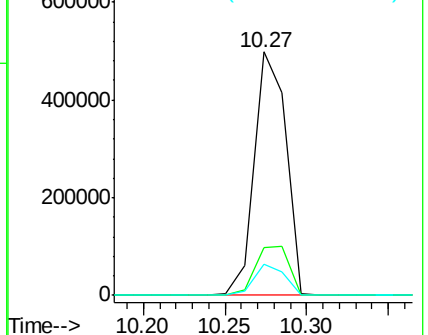
150 12.9 10.1 15.1



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: 34.54 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

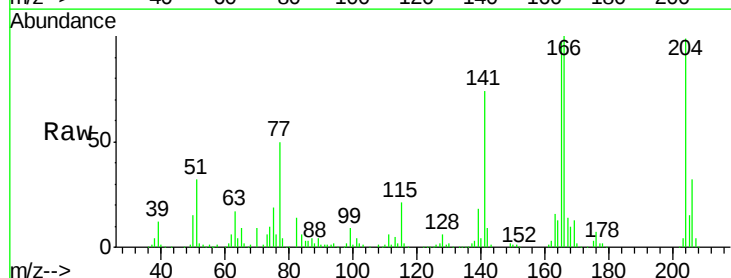
Tgt Ion:204 Resp: 243844

Ion Ratio Lower Upper

204 100

206 32.6 26.3 39.5

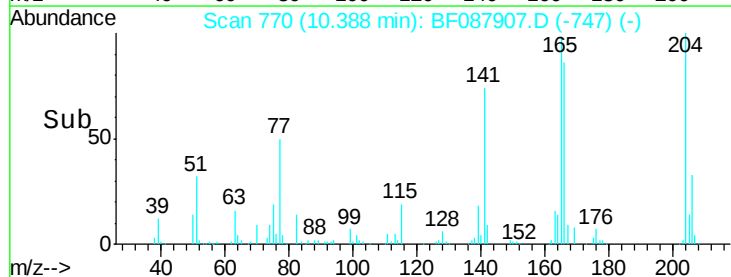
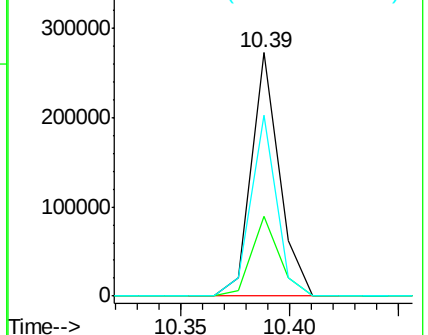
141 74.5 55.0 82.6

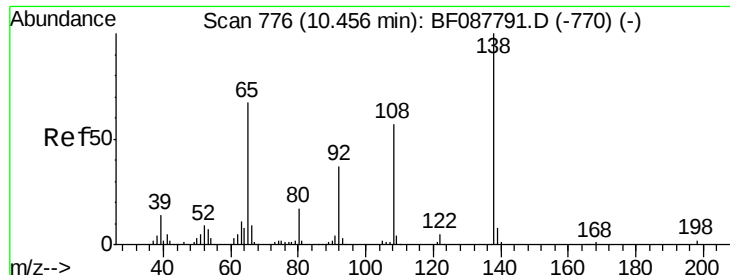


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

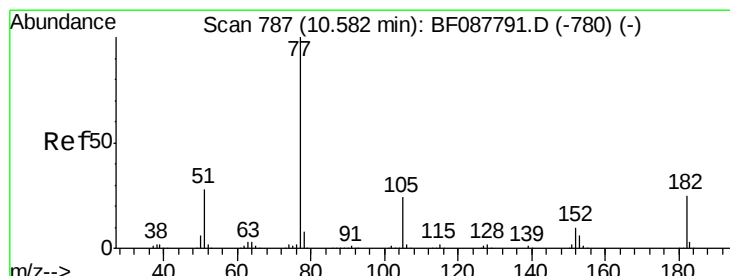
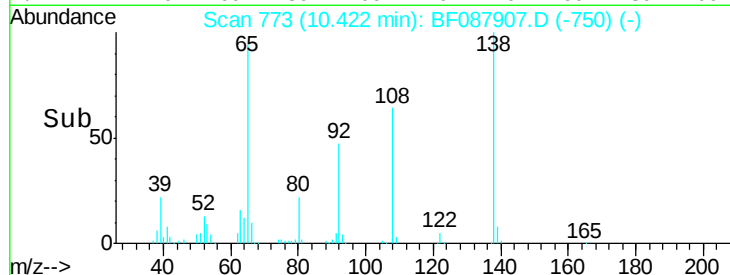
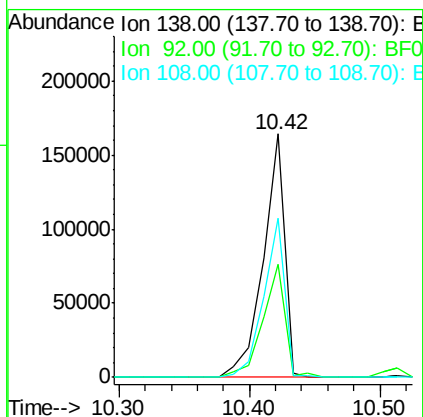
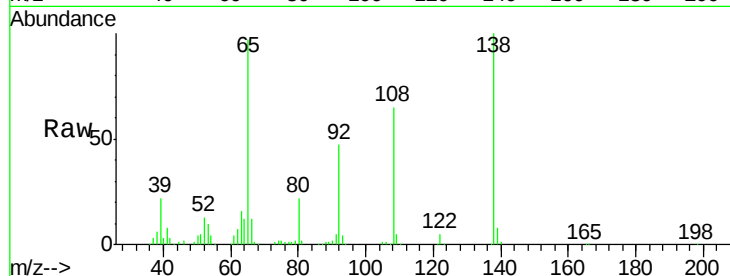




#61
4-Nitroaniline
Concen: 43.59 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

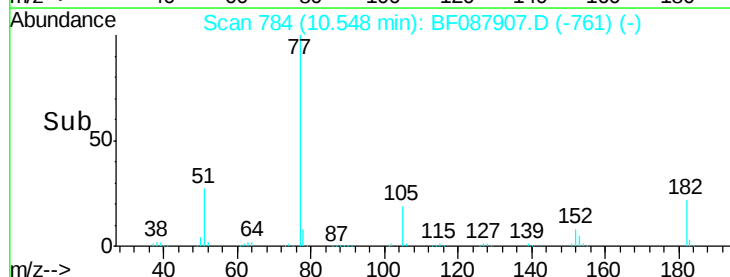
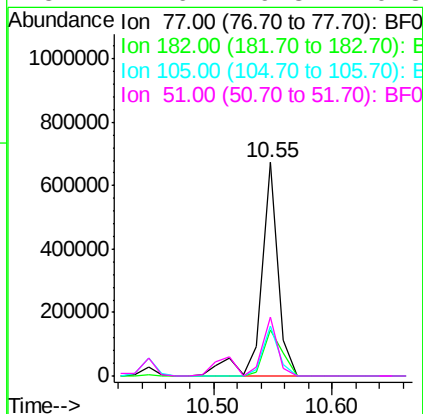
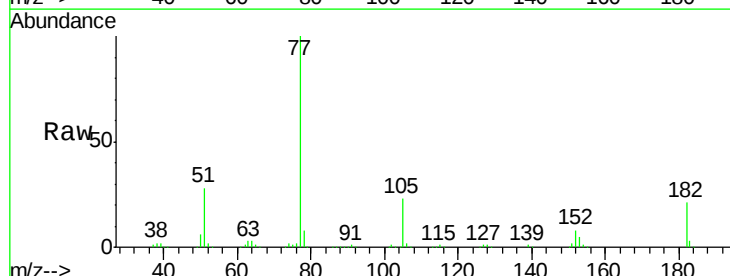
Instrument :
BNA_F
ClientSampleId :
PB91119BS

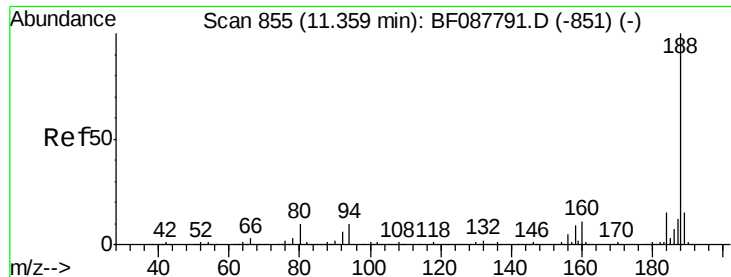
Tot Ion:138 Resp: 190016
Ion Ratio Lower Upper
138 100
92 46.5 27.3 67.3
108 65.3 46.7 86.7



#62
Azobenzene
Concen: 38.64 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion: 77 Resp: 672692
Ion Ratio Lower Upper
77 100
182 21.5 4.4 44.4
105 23.2 3.8 43.8
51 27.6 9.3 49.3

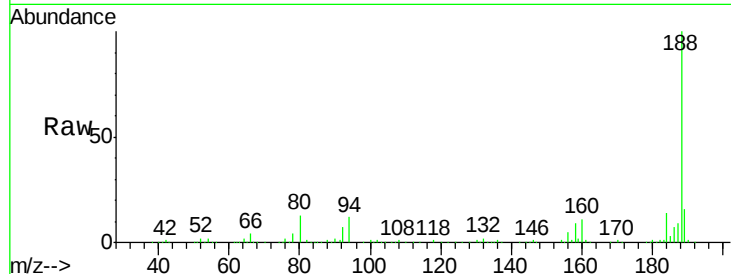




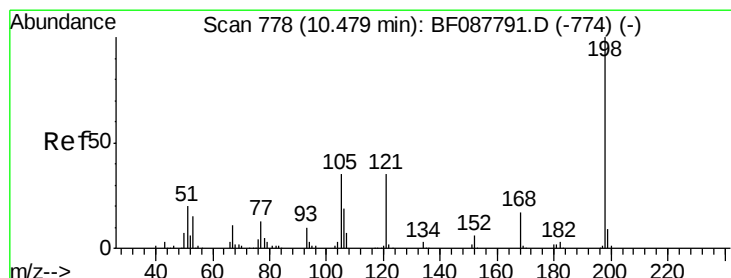
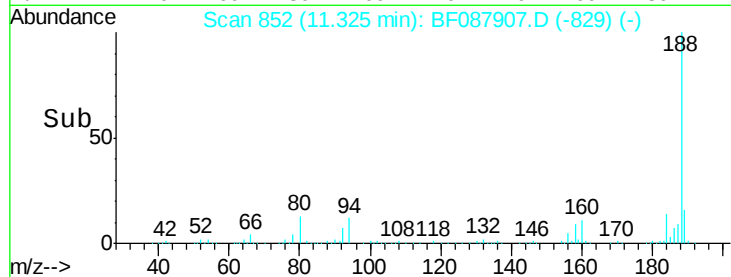
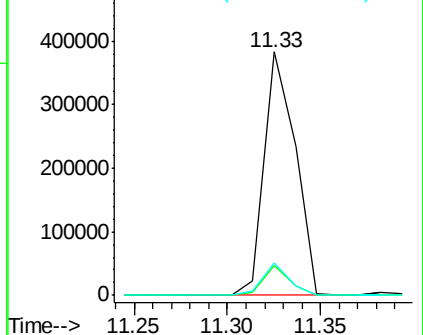
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB91119BS

Tot Ion:188 Resp: 441696
Ion Ratio Lower Upper
188 100
94 12.2 9.0 13.6
80 13.2 10.0 15.0

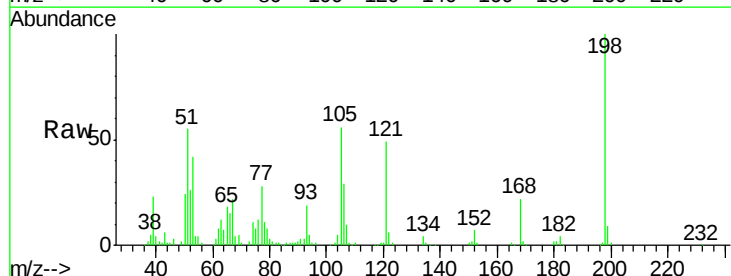


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

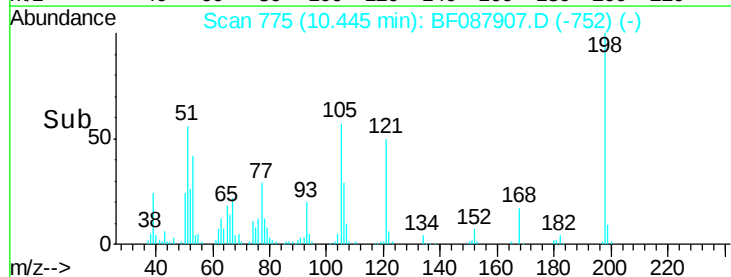
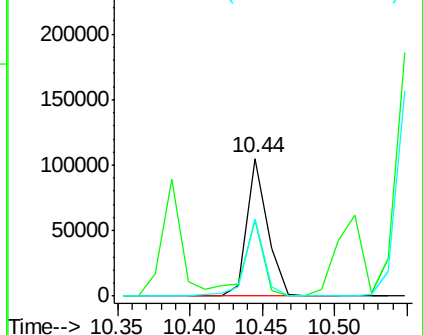


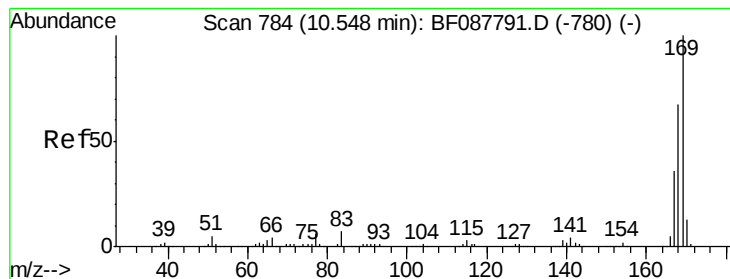
#64
4,6-Dinitro-2-methylphenol
Concen: 38.39 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion:198 Resp: 104616
Ion Ratio Lower Upper
198 100
51 55.2 39.6 79.6
105 55.7 36.6 76.6



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

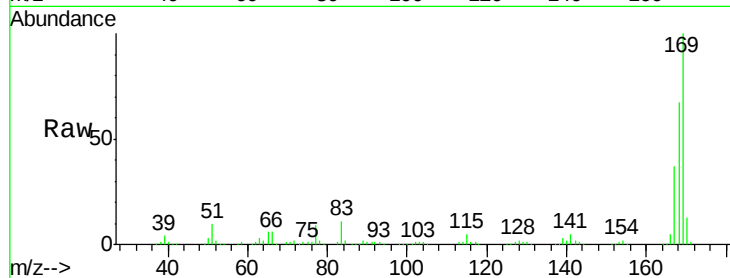




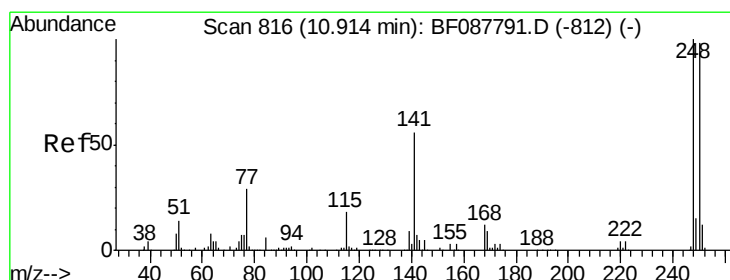
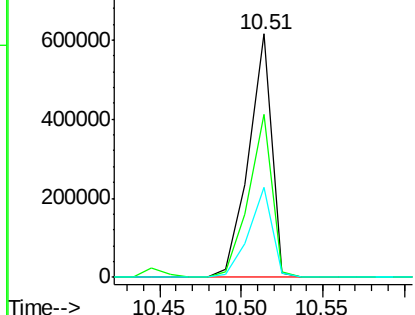
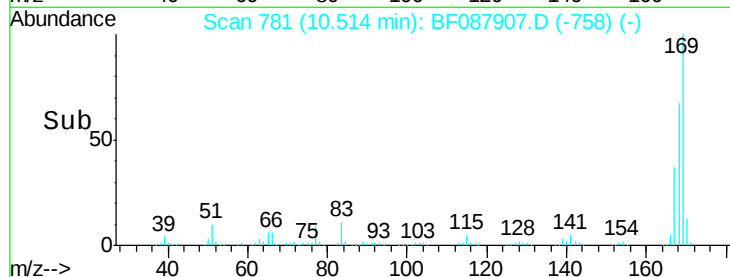
#65
 n-Nitrosodiphenylamine
 Concen: 41.40 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.4	80.0
167	36.9	29.4	44.0

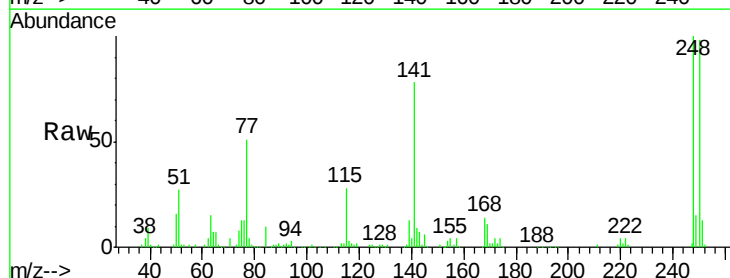


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

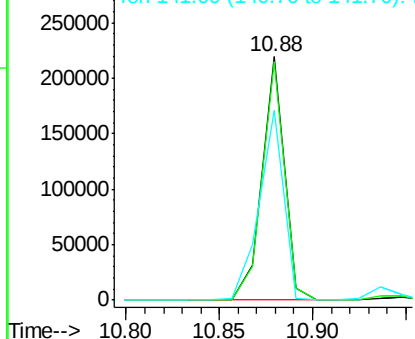
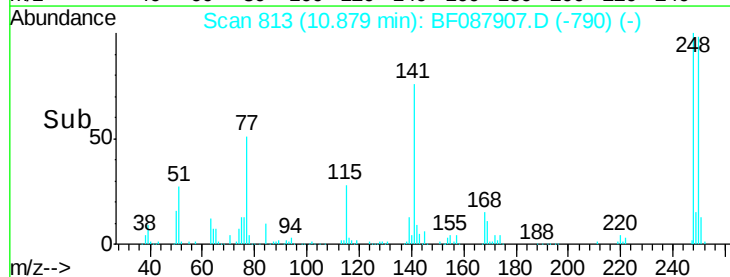


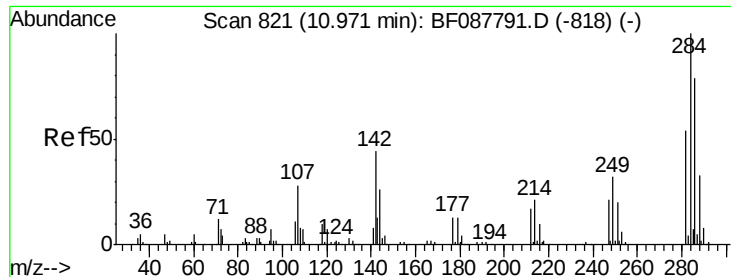
#66
 4-Bromophenyl-phenylether
 Concen: 38.05 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.1	115.7
141	77.8	50.6	76.0



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





#67

Hexachlorobenzene

Concen: 39.93 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

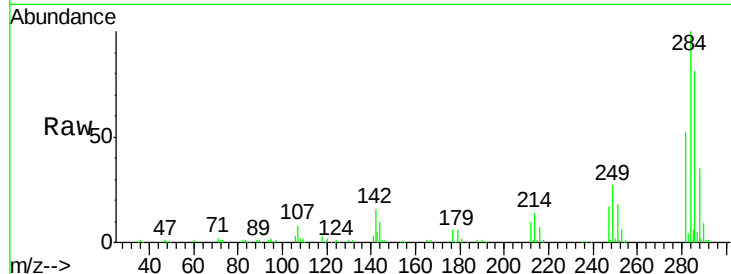
Tot Ion:284 Resp: 196576

Ion Ratio Lower Upper

284 100

142 16.2 35.8 53.8#

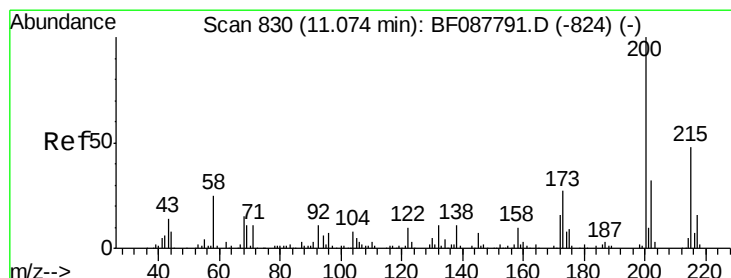
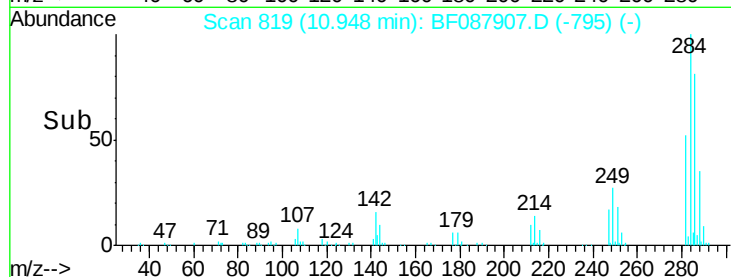
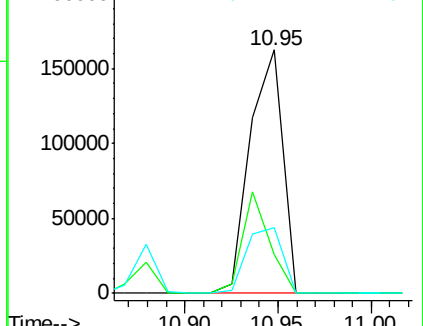
249 26.9 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.86 ng

RT: 11.04 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

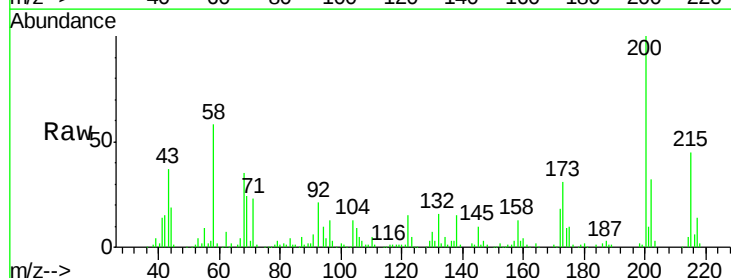
Tgt Ion:200 Resp: 154722

Ion Ratio Lower Upper

200 100

173 30.5 4.0 44.0

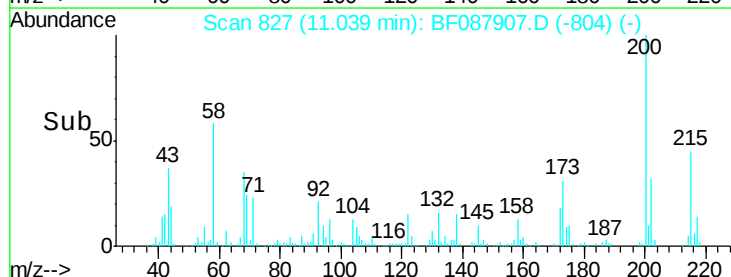
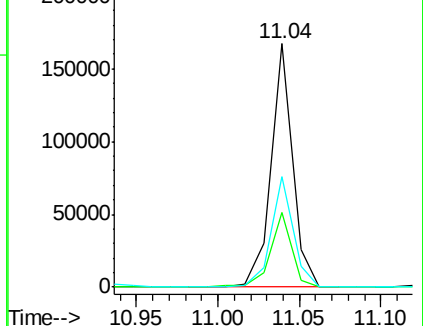
215 45.4 29.3 69.3

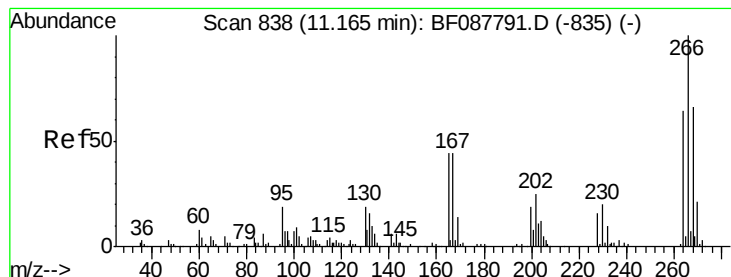


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 88.94 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampled :

PB91119BS

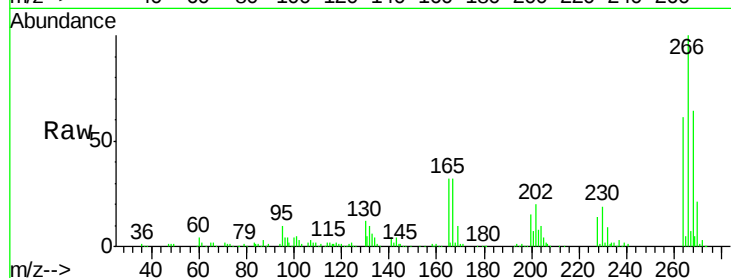
Tot Ion:266 Resp: 230830

Ion Ratio Lower Upper

266 100

268 63.6 52.8 79.2

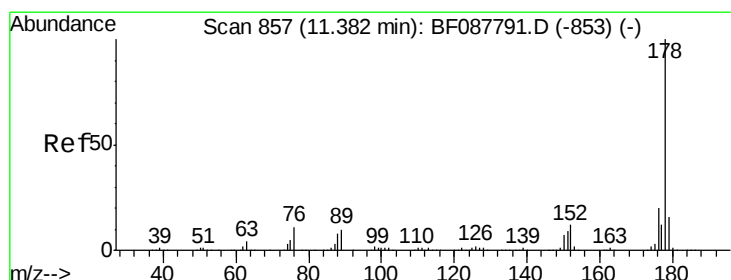
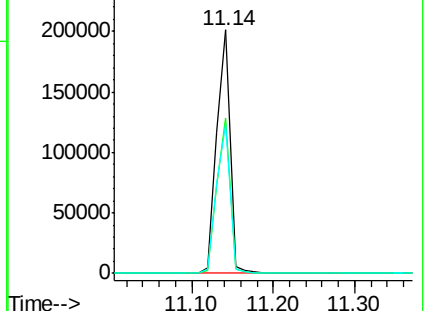
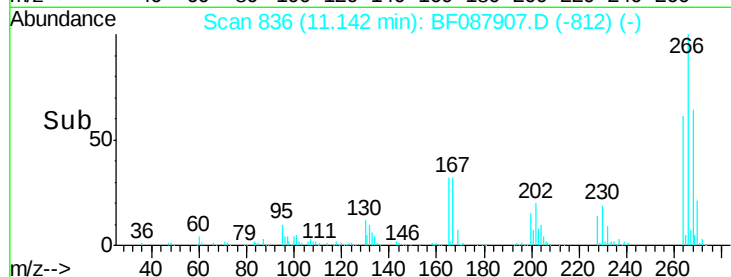
264 61.4 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.30 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

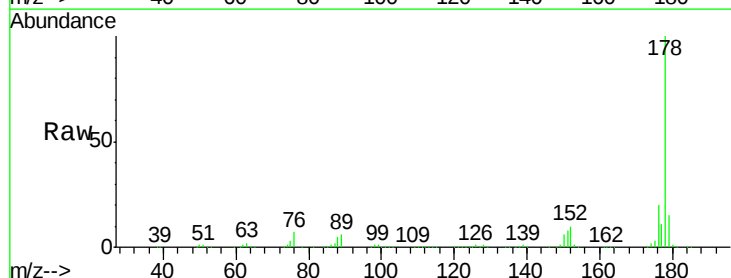
Tgt Ion:178 Resp: 1003656

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

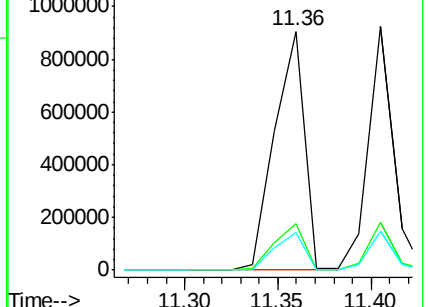
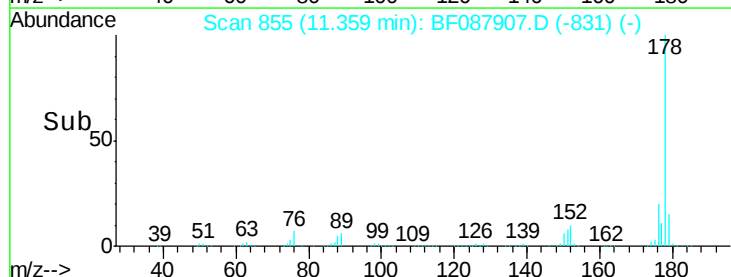
179 15.5 13.0 19.4

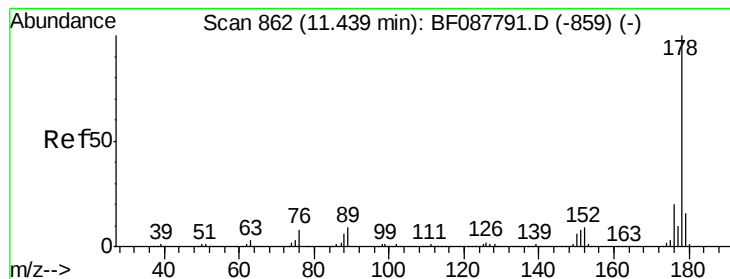


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 35.80 ng

RT: 11.41 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

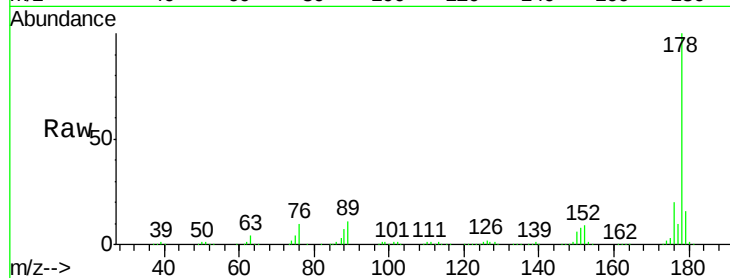
Tot Ion:178 Resp: 836909

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

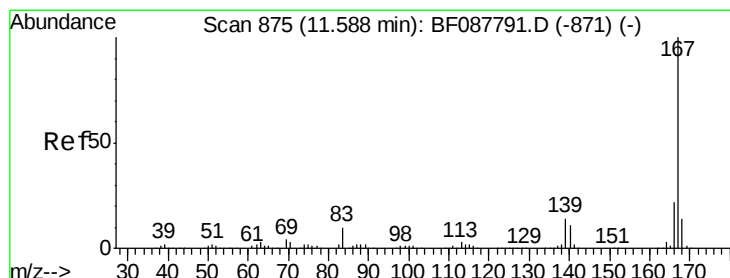
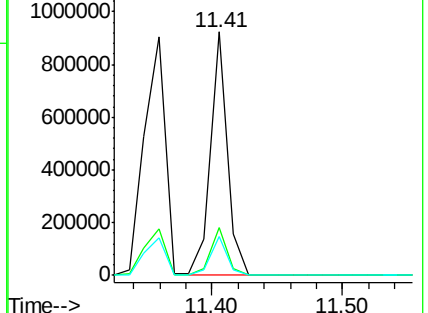
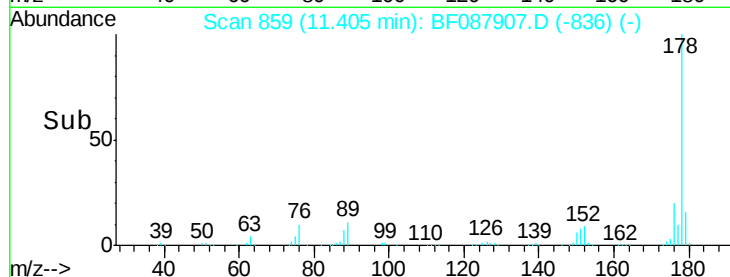
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.83 ng

RT: 11.57 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

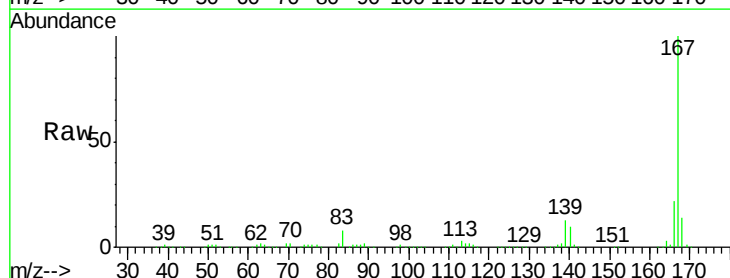
Tgt Ion:167 Resp: 980715

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

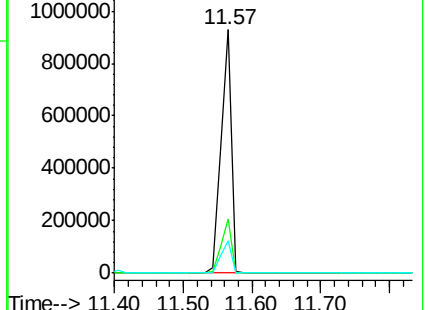
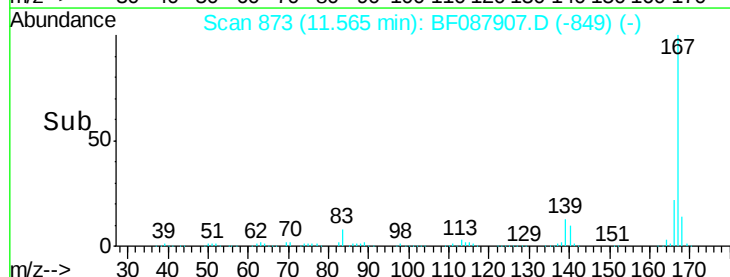
139 13.1 11.2 16.8

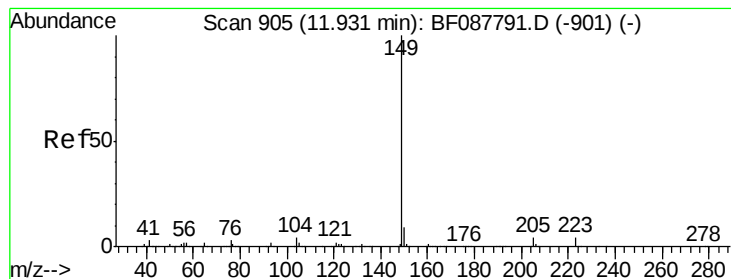


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.35 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleID :

PB91119BS

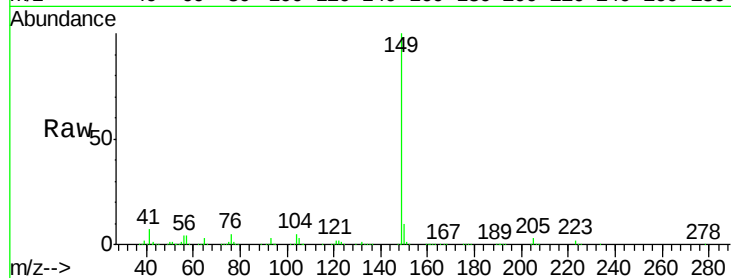
Tot Ion:149 Resp: 951232

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

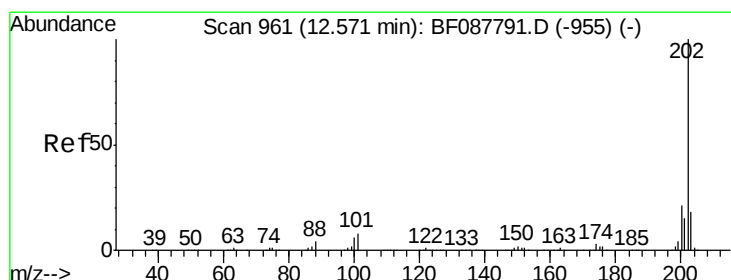
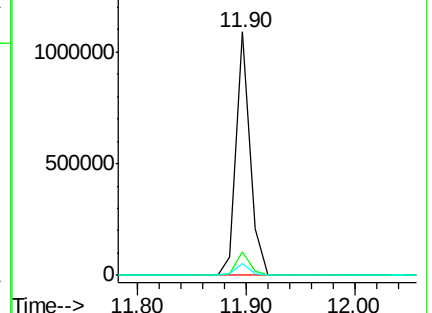
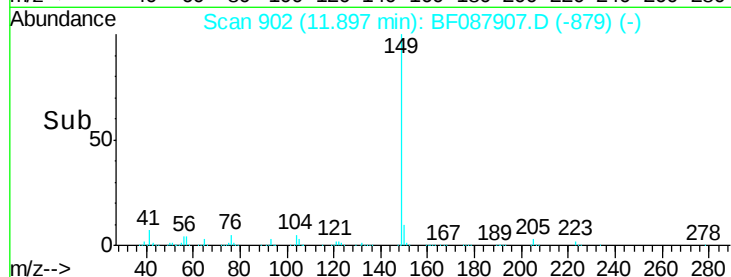
104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.93 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

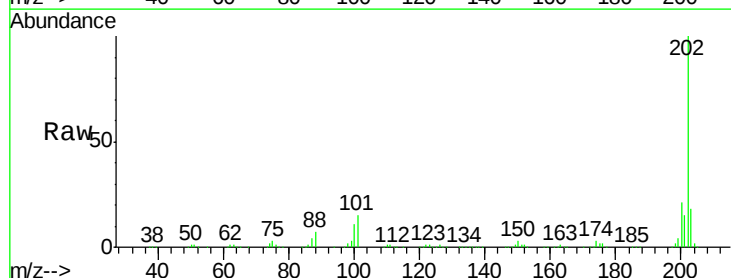
Tgt Ion:202 Resp: 878762

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.1

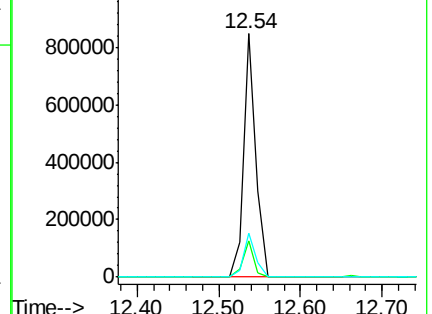
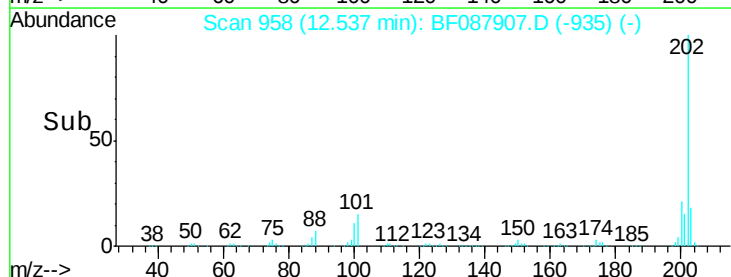
203 18.0 0.0 38.1

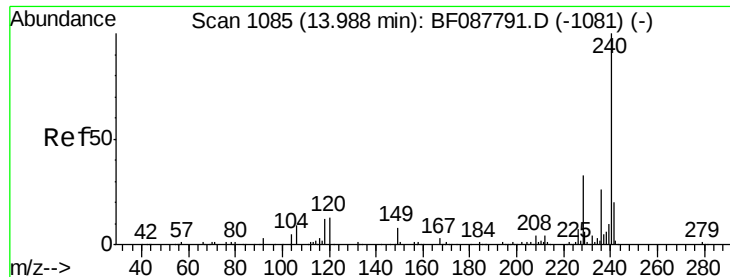


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

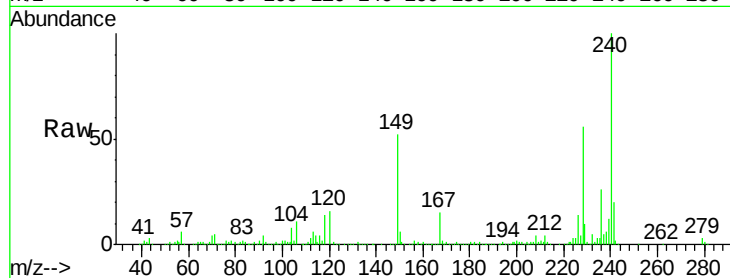
Tot Ion:240 Resp: 324122

Ion Ratio Lower Upper

240 100

120 16.2 6.8 10.2#

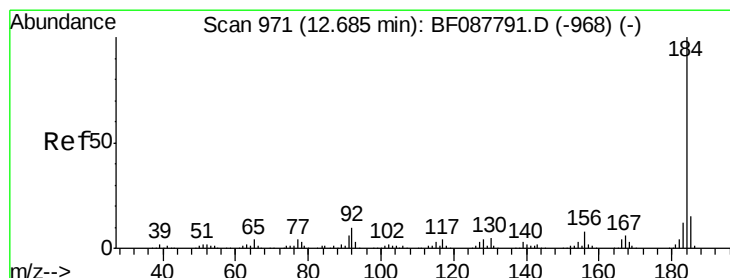
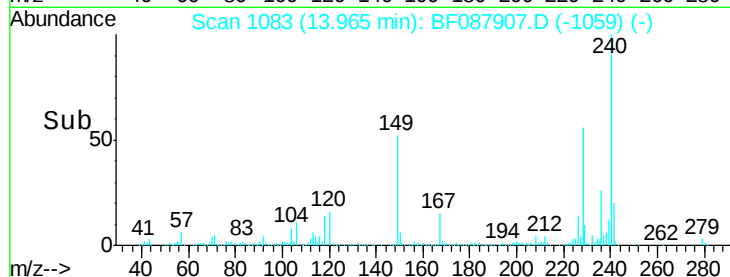
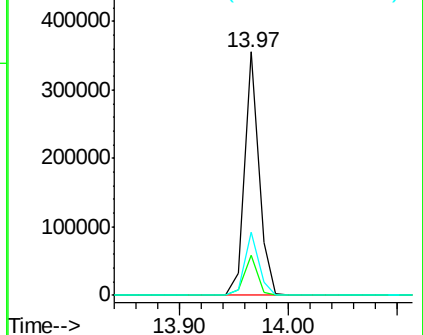
236 26.0 20.2 30.2



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: 53.04 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

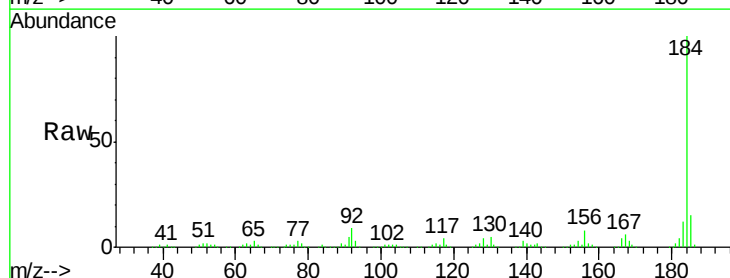
Tgt Ion:184 Resp: 475983

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

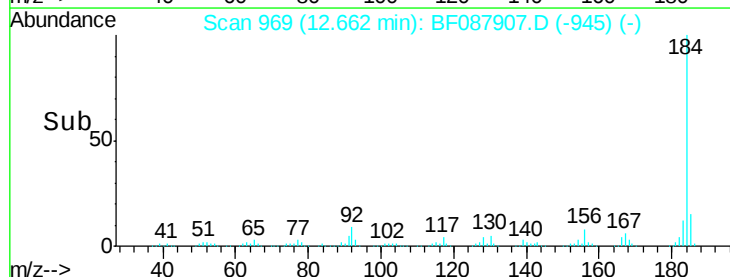
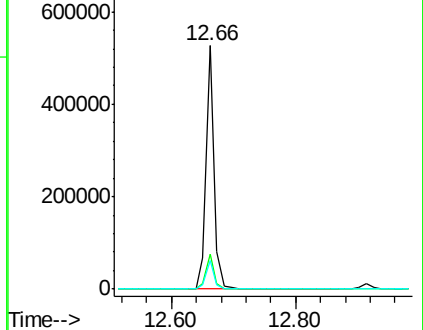
183 11.7 9.3 13.9

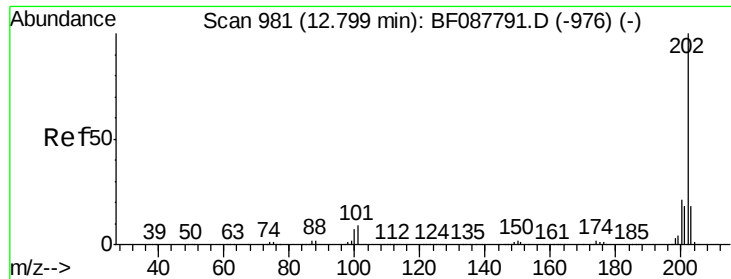


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

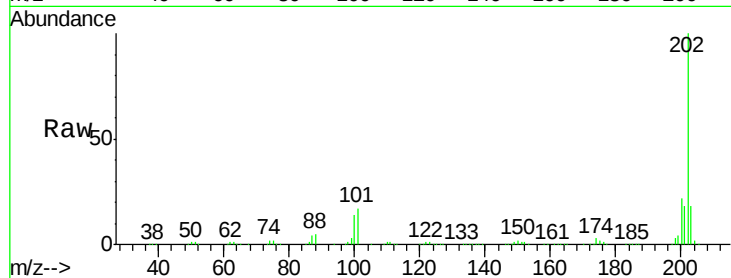




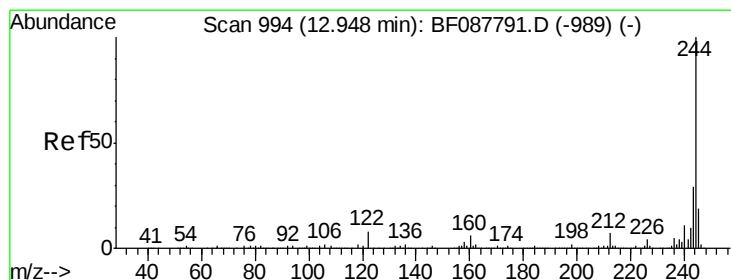
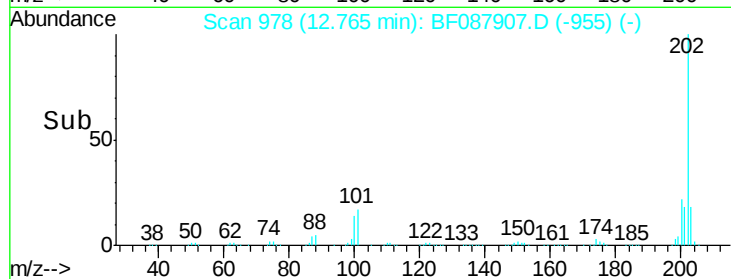
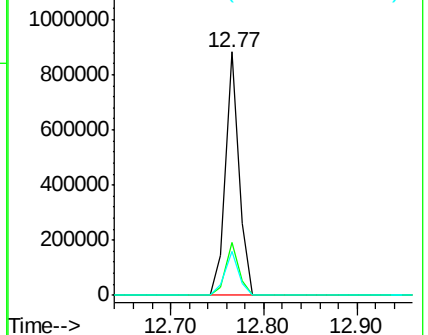
#77
Pvrene
Concen: 37.08 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB91119BS

Tot Ion:202 Resp: 891740
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 18.2 14.5 21.7

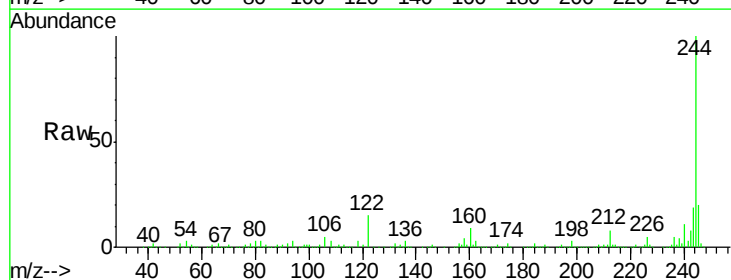


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

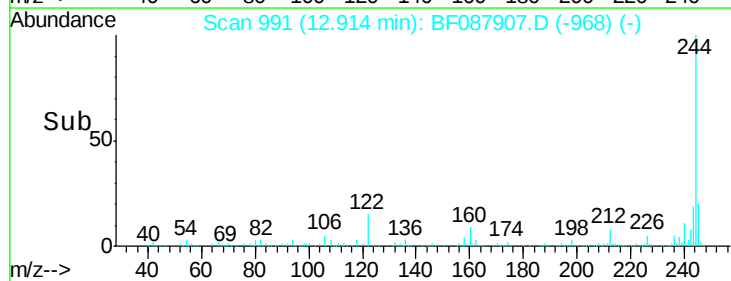
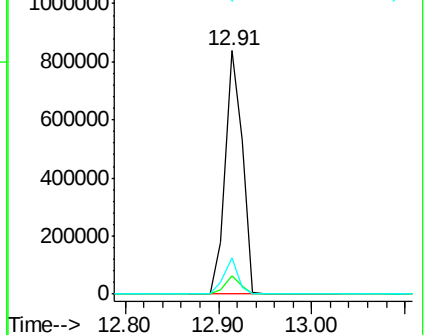


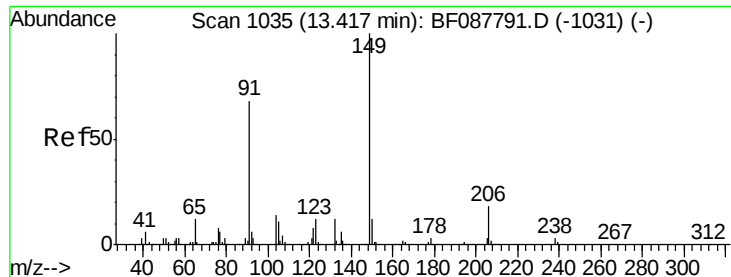
#78
Terphenyl-d14
Concen: 74.92 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion:244 Resp: 1067185
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 14.6 11.2 16.8



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





#79

Butylbenzylphthalate

Concen: 41.96 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

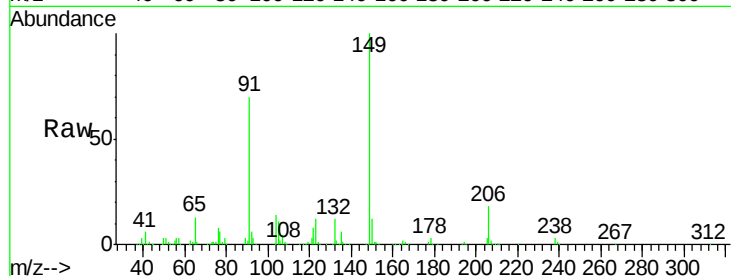
Tot Ion:149 Resp: 446233

Ion Ratio Lower Upper

149 100

91 70.0 48.0 72.0

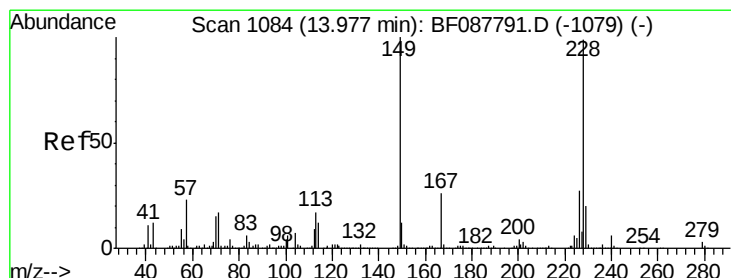
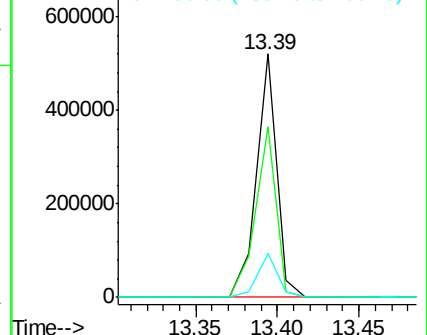
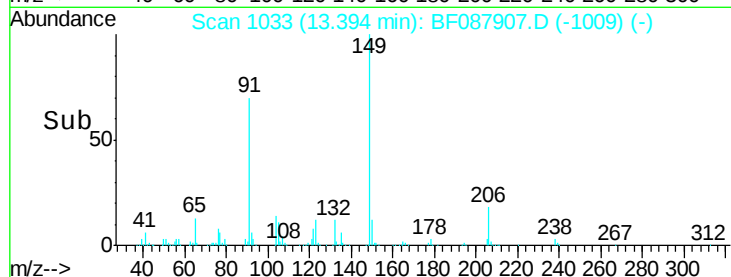
206 18.0 16.0 24.0



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: 40.27 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

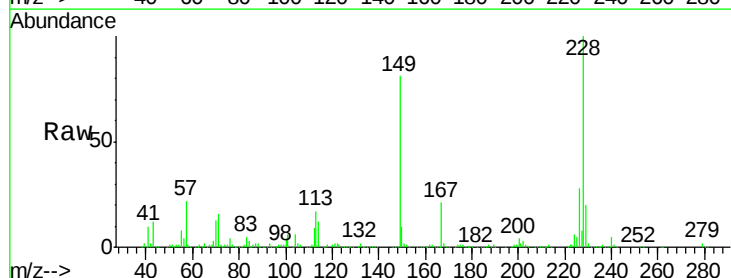
Tgt Ion:228 Resp: 743757

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

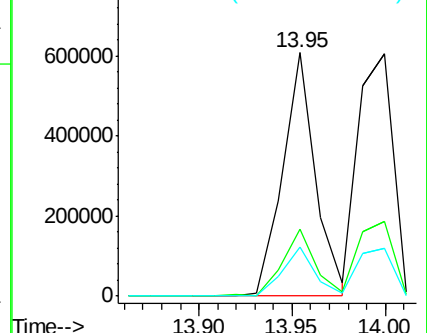
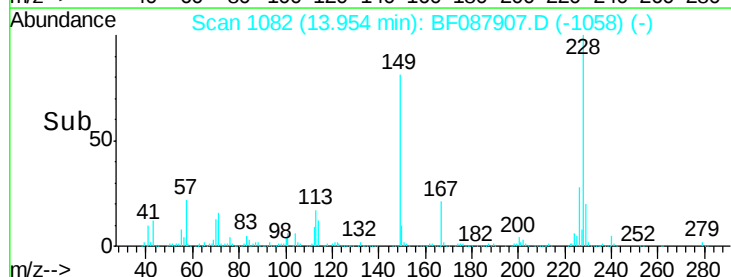
229 20.1 16.0 24.0

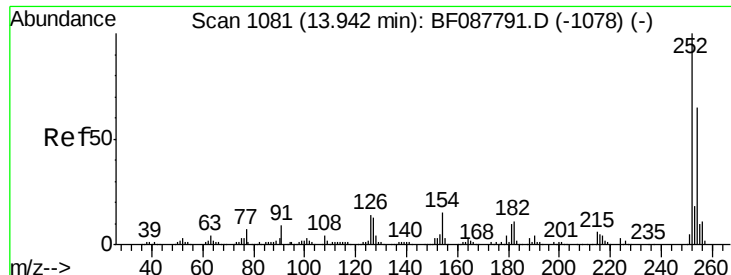


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

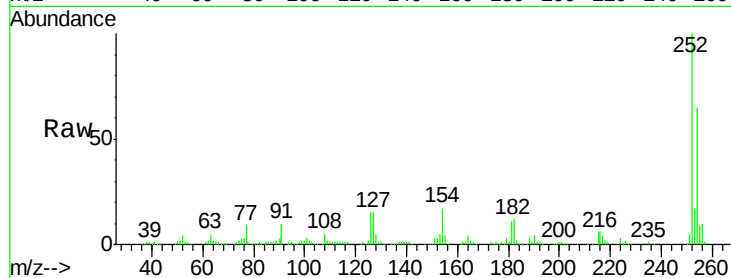




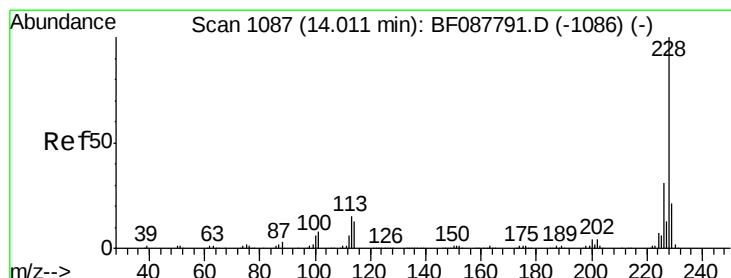
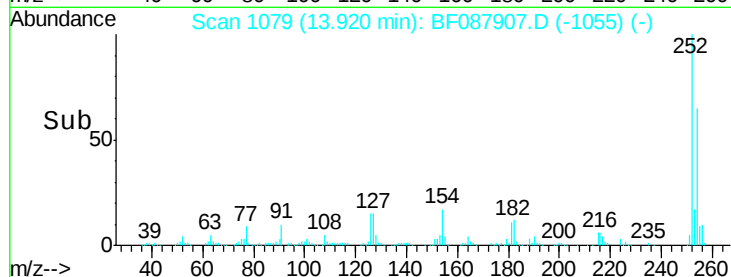
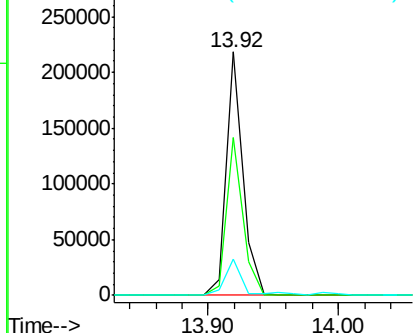
#81
 3,3'-Dichlorobenzidine
 Concen: 38.99 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB91119BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	14.9	6.2	9.2

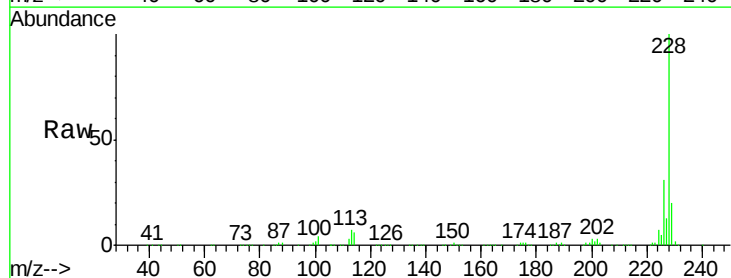


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

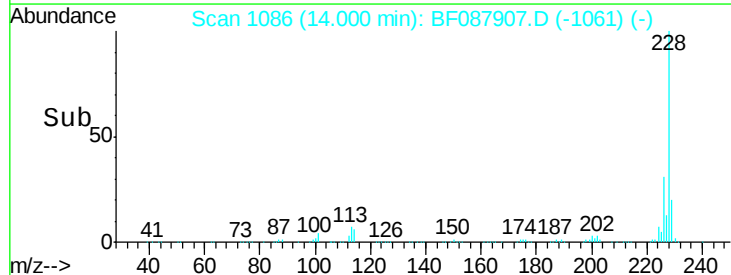
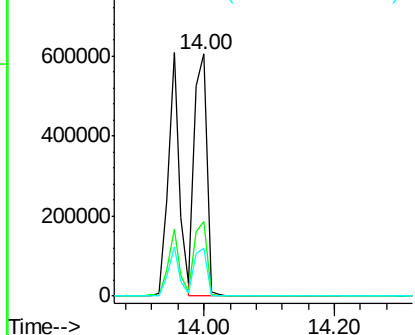


#82
 Chrysene
 Concen: 45.72 ng
 RT: 14.00 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF087907.D
 Acq: 11 Jun 2016 17:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	19.9	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.74 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

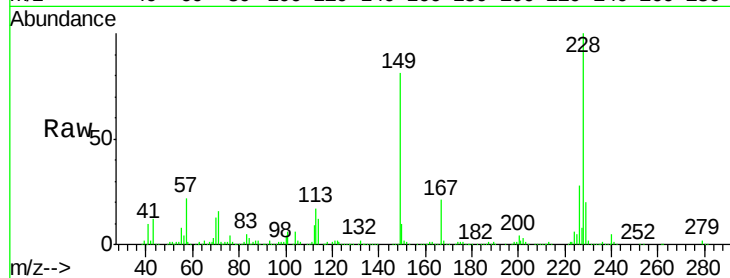
Tot Ion:149 Resp: 501531

Ion Ratio Lower Upper

149 100

167 25.7 20.5 30.7

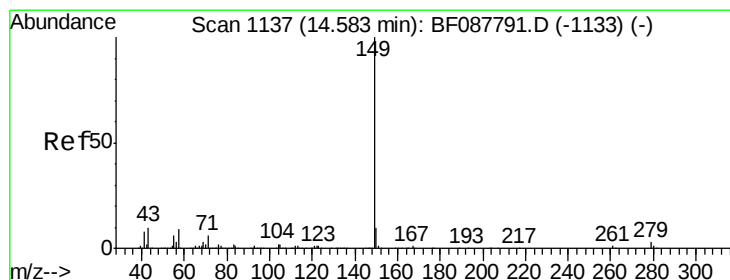
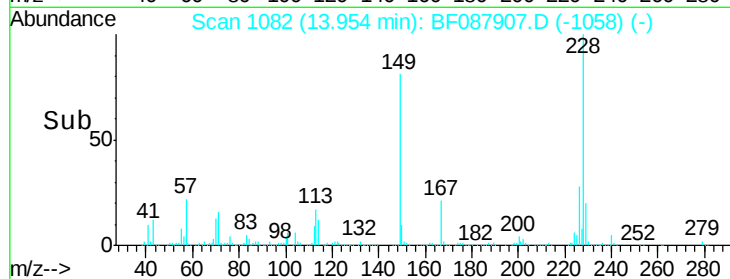
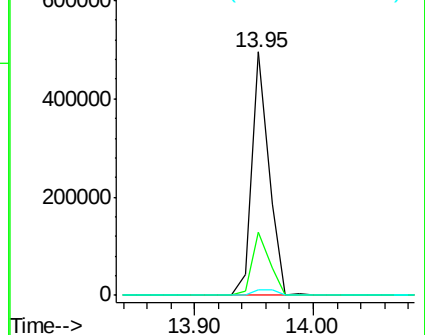
279 2.4 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.53 ng

RT: 14.57 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

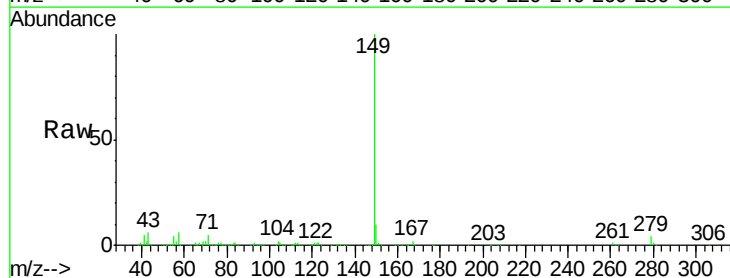
Tgt Ion:149 Resp: 999710

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

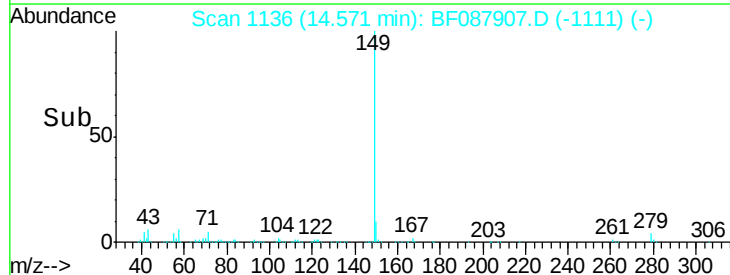
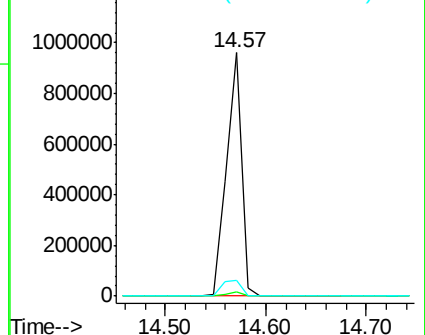
43 8.5 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

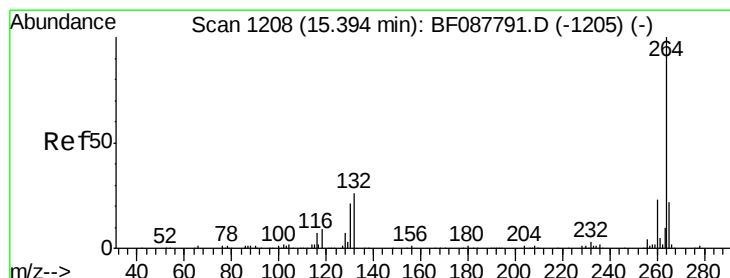
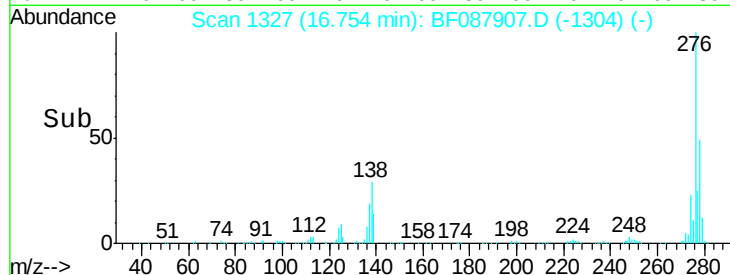
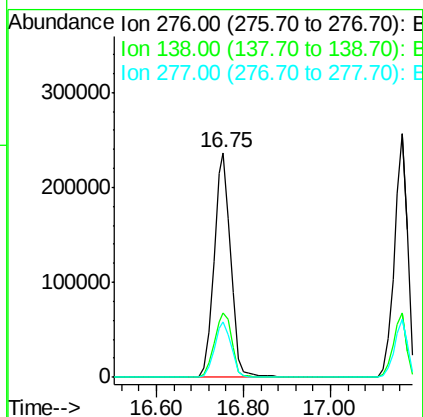
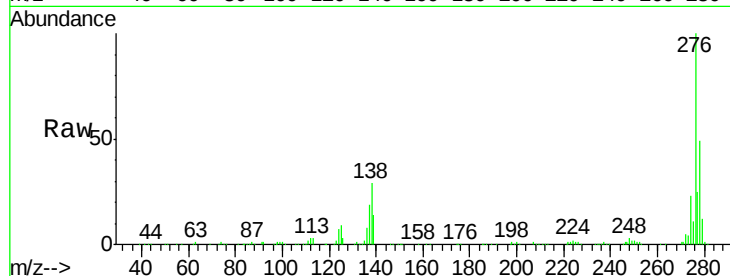




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.75 ng
RT: 16.75 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

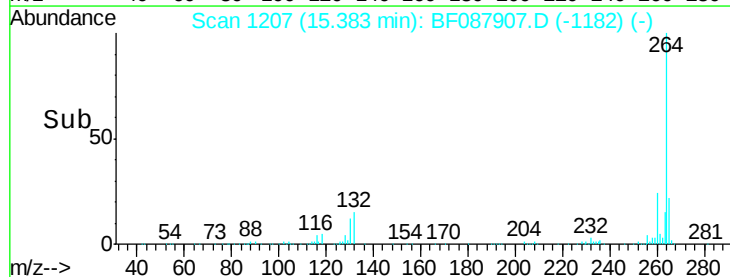
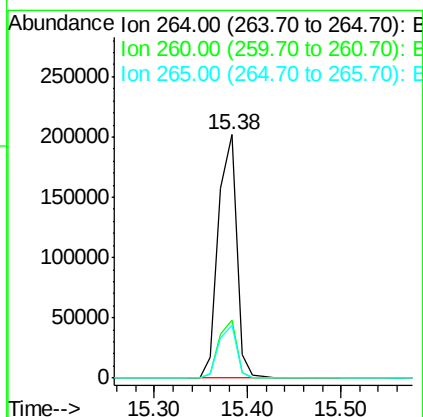
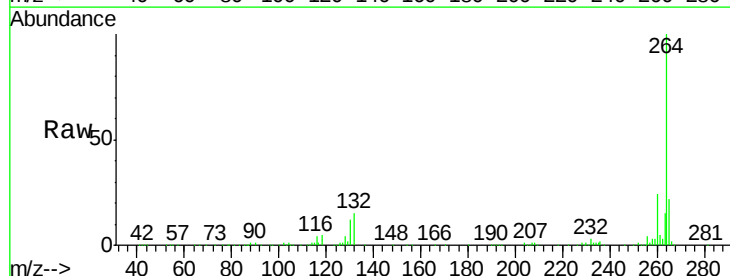
Instrument :
BNA_F
ClientSampleId :
PB91119BS

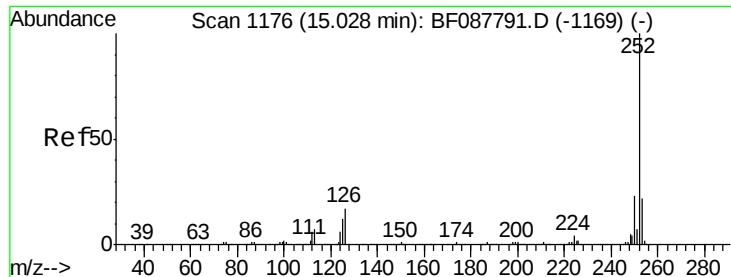
Tot Ion:276 Resp: 641756
Ion Ratio Lower Upper
276 100
138 30.7 0.0 0.0#
277 25.2 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion:264 Resp: 275968
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.8 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 69.63 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

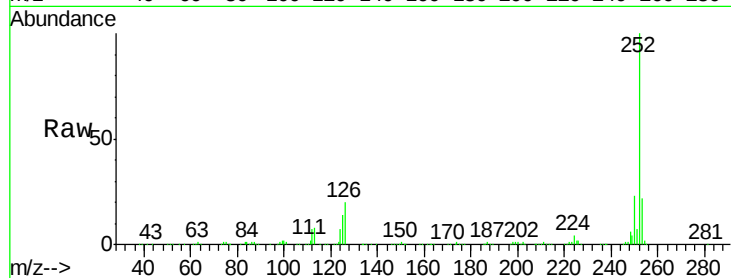
Tot Ion:252 Resp: 1339408

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

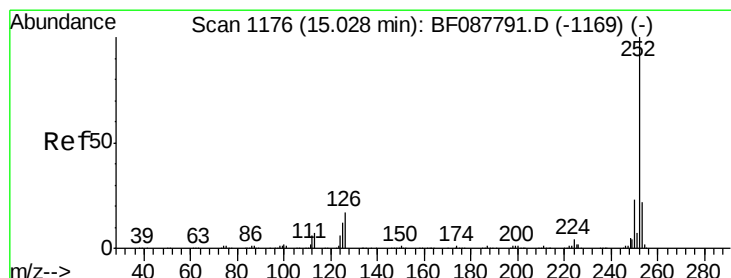
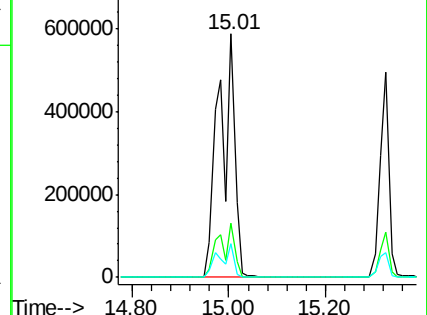
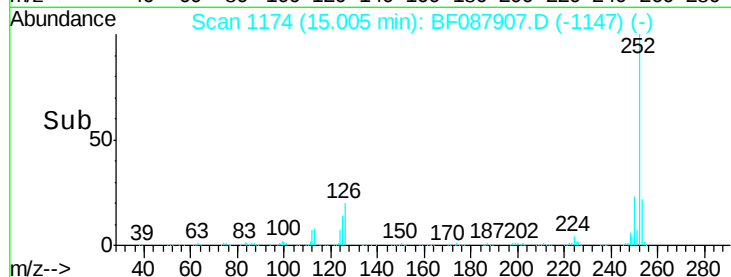
125 13.9 7.1 10.7#



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: 92.34 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

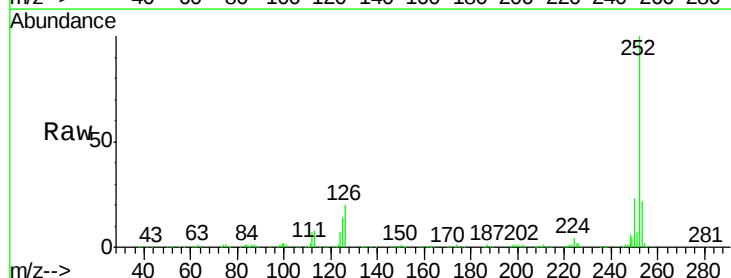
Tgt Ion:252 Resp: 1339854

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

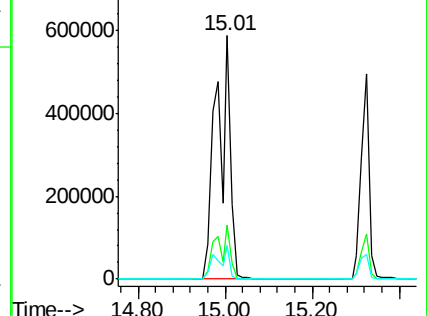
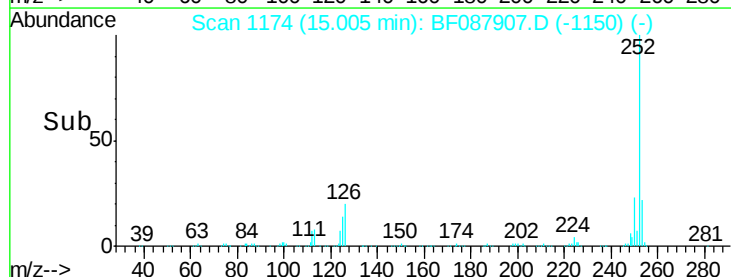
125 13.9 11.2 16.8

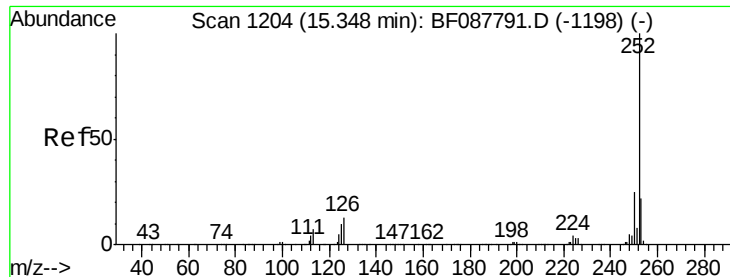


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

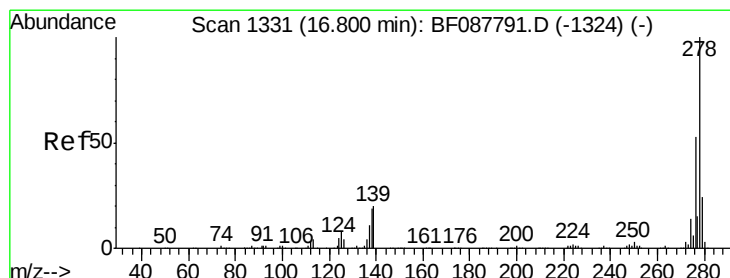
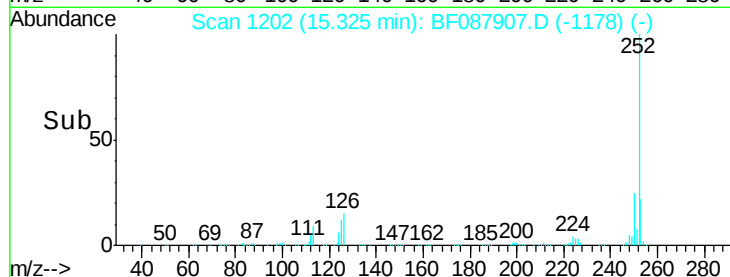
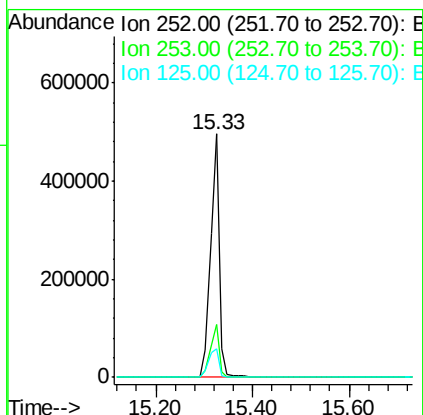
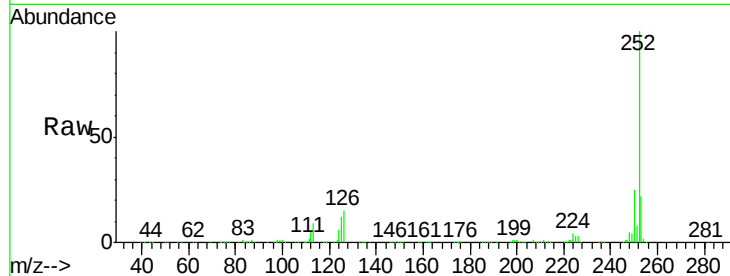




#89
Benzo(a)pyrene
Concen: 41.09 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

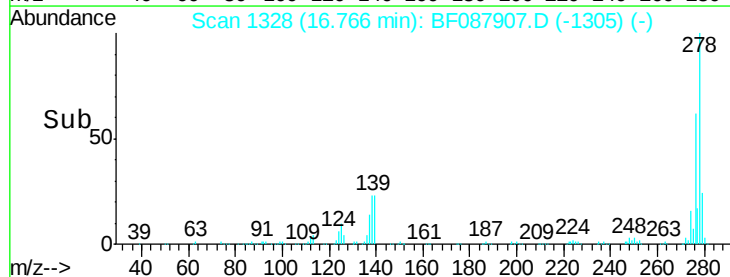
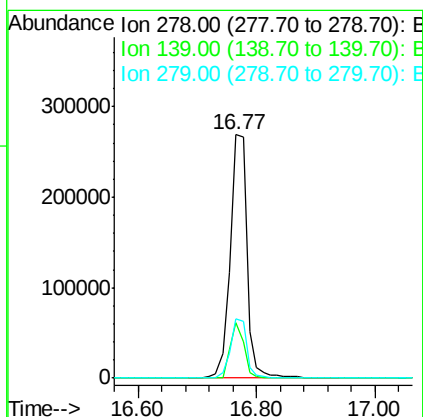
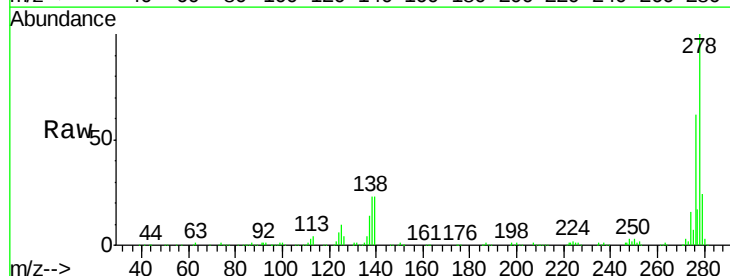
Instrument :
BNA_F
ClientSampleId :
PB91119BS

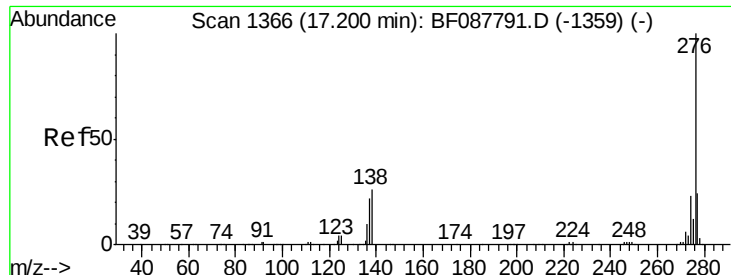
Tot Ion:252 Resp: 639492
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.8 12.5 18.7#



#90
Dibenzo(a,h)anthracene
Concen: 36.57 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF087907.D
Acq: 11 Jun 2016 17:36

Tgt Ion:278 Resp: 528564
Ion Ratio Lower Upper
278 100
139 22.5 15.7 23.5
279 24.2 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 37.30 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.03 min

Lab File: BF087907.D

Acq: 11 Jun 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB91119BS

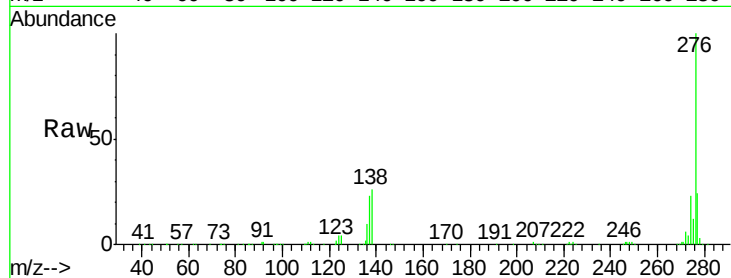
Tot Ion:276 Resp: 554518

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 26.4 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

