

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060716\
 Data File : BF087797.D
 Acq On : 7 Jun 2016 19:24
 Operator : UM/SJ
 Sample : PB91075BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Quant Time: Jun 08 03:55:32 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	6.84	152	98316	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	411080	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	205412	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	392625	20.00	ng	0.00
75) Chrysene-d12	13.99	240	296307	20.00	ng	0.00
86) Perylene-d12	15.39	264	228316	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	692644	120.44	ng	0.01
7) Phenol-d6	6.48	99	817297	117.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	527384	74.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	264992	122.18	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1089990	83.24	ng	0.00
78) Terphenyl-d14	12.94	244	889298	68.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	76325	27.31	ng	# 29
3) Pyridine	3.21	79	212060	32.14	ng	97
4) n-Nitrosodimethylamine	3.15	42	108472	38.82	ng	91
6) Aniline	6.50	93	265138	26.73	ng	99
8) 2-Chlorophenol	6.63	128	292256	42.93	ng	90
9) Benzaldehyde	6.38	77	14546	2.91	ng	# 77
10) Phenol	6.49	94	342753	47.78	ng	86
11) bis(2-Chloroethyl)ether	6.58	93	259664	42.49	ng	88
12) 1,3-Dichlorobenzene	6.78	146	267434	36.62	ng	98
13) 1,4-Dichlorobenzene	6.86	146	272347	37.02	ng	99
14) 1,2-Dichlorobenzene	7.02	146	268997	40.20	ng	98
15) Benzyl Alcohol	6.98	79	218057	39.99	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	340244	41.21	ng	92
17) 2-Methylphenol	7.10	107	229236	41.53	ng	100
18) Hexachloroethane	7.36	117	105464	40.40	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	179754	40.31	ng	95
20) 3+4-Methylphenols	7.26	107	280779	43.59	ng	# 87
22) Acetophenone	7.26	105	347113	37.78	ng	# 90
24) Nitrobenzene	7.43	77	296935	43.54	ng	96
25) Isophorone	7.67	82	510663	39.16	ng	99
26) 2-Nitrophenol	7.75	139	153181	41.93	ng	# 72
27) 2,4-Dimethylphenol	7.78	122	259099	38.52	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	339782	42.01	ng	99
29) 2,4-Dichlorophenol	7.99	162	254169	45.26	ng	92
30) 1,2,4-Trichlorobenzene	8.07	180	231065	37.79	ng	100
31) Naphthalene	8.15	128	793264	38.99	ng	99
32) Benzoic acid	7.91	122	170491	46.04	ng	97
33) 4-Chloroaniline	8.19	127	181568	19.99	ng	99
34) Hexachlorobutadiene	8.27	225	128816	39.95	ng	99
35) Caprolactam	8.57	113	55543	29.86	ng	87
36) 4-Chloro-3-methylphenol	8.68	107	255331	42.52	ng	97
37) 2-Methylnaphthalene	8.84	142	548216	40.89	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	222588	40.15	ng	# 1
40) Hexachlorocyclopentadiene	8.99	237	245996	74.24	ng	98

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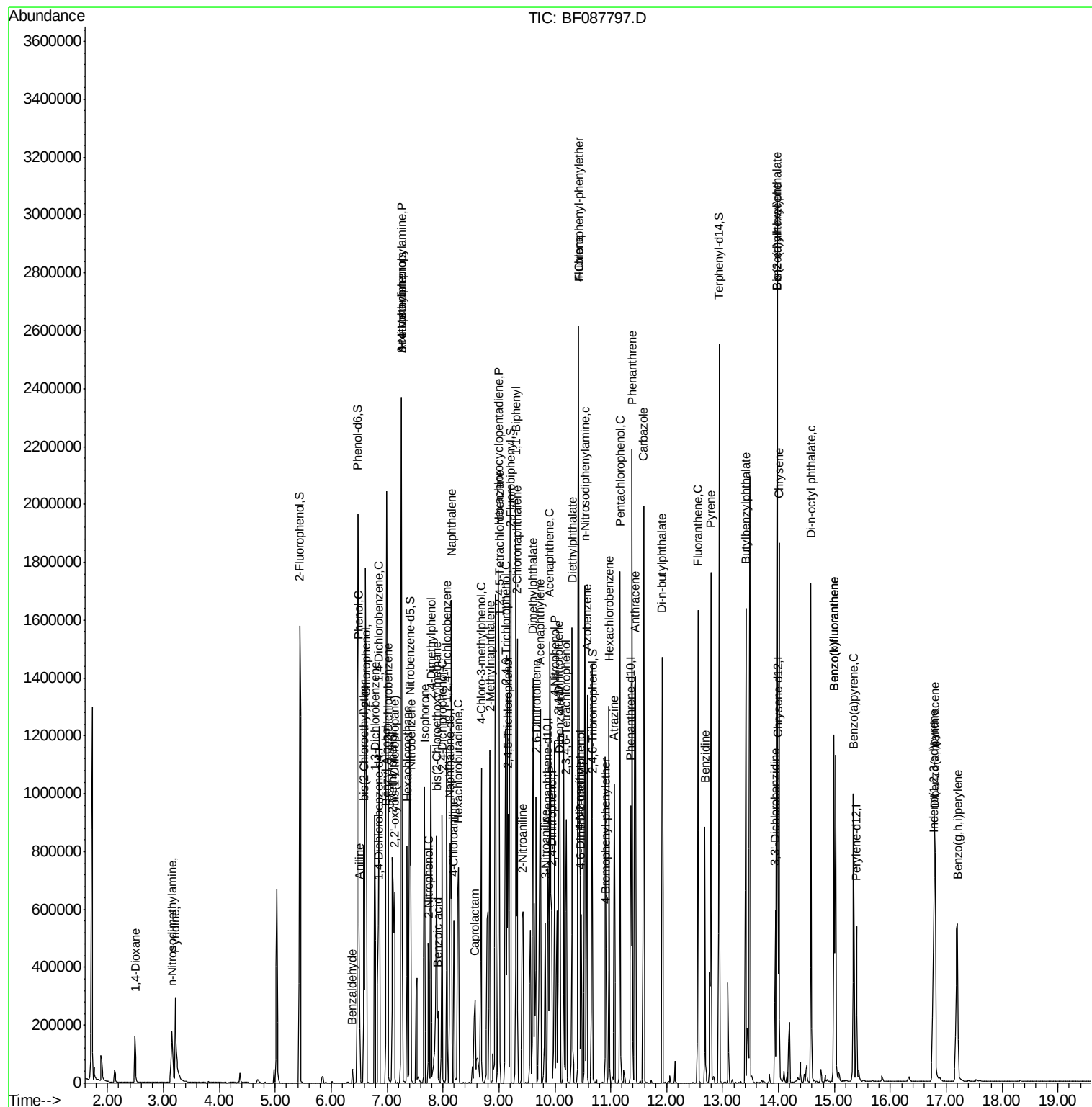
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	187641	45.68	ng	97
43) 2,4,5-Trichlorophenol	9.16	196	171284	40.08	ng	97
45) 1,1'-Biphenyl	9.30	154	630182	40.21	ng	99
46) 2-Chloronaphthalene	9.32	162	488218	36.73	ng	99
47) 2-Nitroaniline	9.42	65	152223	38.82	ng	98
48) Acenaphthylene	9.74	152	819130	38.74	ng	100
49) Dimethylphthalate	9.61	163	651564	43.79	ng	100
50) 2,6-Dinitrotoluene	9.67	165	154203	45.25	ng	# 87
51) Acenaphthene	9.91	154	560146	42.47	ng	99
52) 3-Nitroaniline	9.83	138	89604	22.79	ng	99
53) 2,4-Dinitrophenol	9.94	184	154859	82.30	ng	# 67
54) Dibenzofuran	10.09	168	737506	40.60	ng	99
55) 4-Nitrophenol	10.00	139	235863	77.28	ng	91
56) 2,4-Dinitrotoluene	10.07	165	194640	44.45	ng	# 78
57) Fluorene	10.42	166	509239	41.06	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	146135	43.51	ng	# 57
59) Diethylphthalate	10.31	149	650094	43.16	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	253920	42.03	ng	92
61) 4-Nitroaniline	10.45	138	138667	37.18	ng	97
62) Azobenzene	10.58	77	641189	43.05	ng	93
64) 4,6-Dinitro-2-methylphenol	10.47	198	89946	37.20	ng	94
65) n-Nitrosodiphenylamine	10.54	169	483606	37.12	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	160044	38.00	ng	# 85
67) Hexachlorobenzene	10.97	284	177376	40.53	ng	# 88
68) Atrazine	11.06	200	144699	36.68	ng	91
69) Pentachlorophenol	11.17	266	194449	84.29	ng	100
70) Phenanthrene	11.38	178	782030	37.96	ng	99
71) Anthracene	11.44	178	873655	42.04	ng	98
72) Carbazole	11.59	167	779813	40.10	ng	100
73) Di-n-butylphthalate	11.92	149	900131	36.56	ng	100
74) Fluoranthene	12.56	202	809453	37.23	ng	97
76) Benzidine	12.69	184	303403	36.98	ng	99
77) Pyrene	12.79	202	803768	36.56	ng	99
79) Butylbenzylphthalate	13.42	149	428765	44.11	ng	97
80) Benzo(a)anthracene	13.98	228	642359	38.04	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	146719	32.31	ng	98
82) Chrysene	14.01	228	610604	38.44	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	505948	42.75	ng	# 98
84) Di-n-octyl phthalate	14.58	149	838870	43.63	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.78	276	582251	39.45	ng	# 100
87) Benzo(b)fluoranthene	14.99	252	574705	36.11	ng	# 96
88) Benzo(k)fluoranthene	14.99	252	574705	47.88	ng	99
89) Benzo(a)pyrene	15.34	252	542462	42.13	ng	99
90) Dibenzo(a,h)anthracene	16.80	278	482053	40.31	ng	96
91) Benzo(g,h,i)perylene	17.20	276	496669	40.38	ng	95

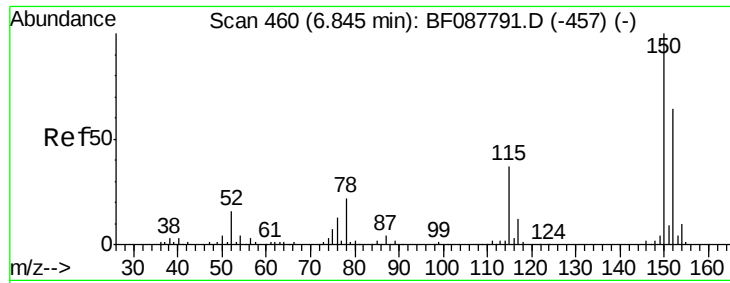
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

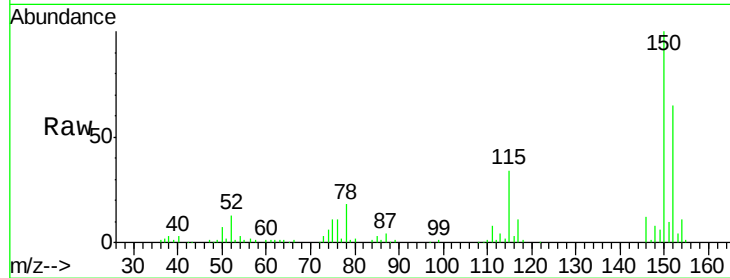
Tgt Ion:152 Resp: 98316

Ion Ratio Lower Upper

152 100

150 153.1 123.8 185.6

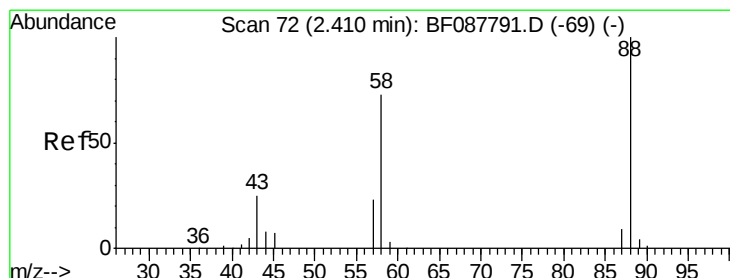
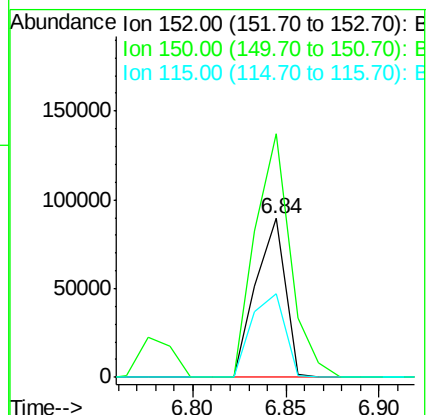
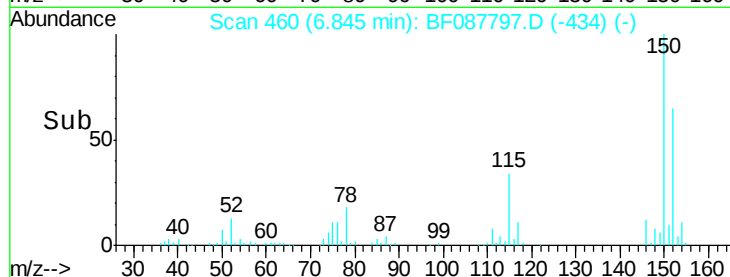
115 52.3 39.6 59.4



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: 27.31 ng

RT: 2.49 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

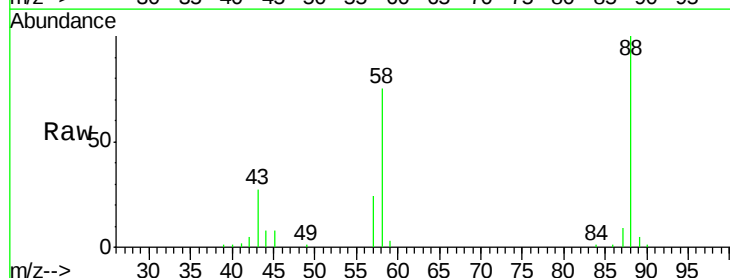
Tgt Ion: 88 Resp: 76325

Ion Ratio Lower Upper

88 100

58 74.5 0.0 0.0#

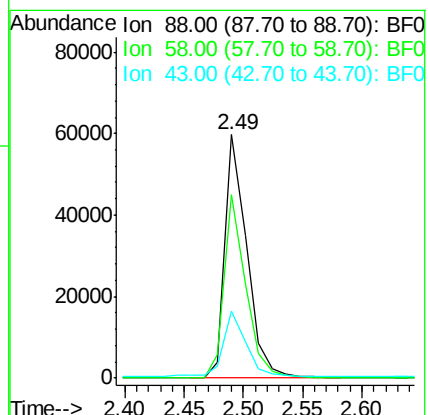
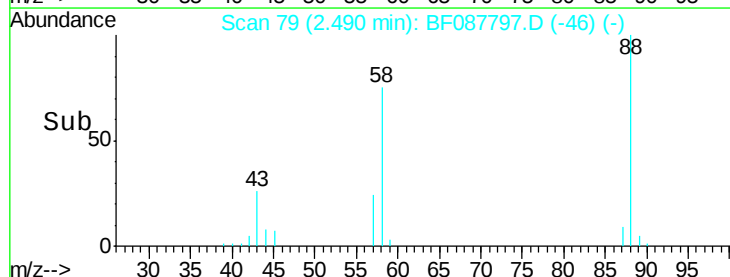
43 27.6 3.4 5.2#

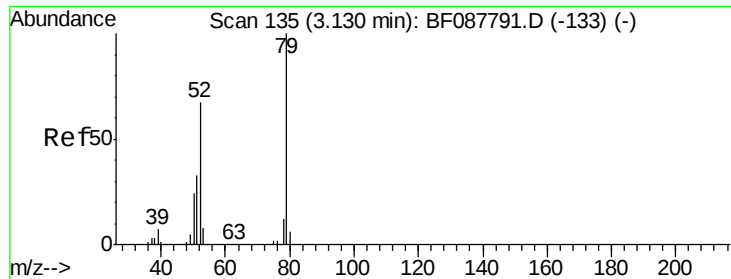


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.14 ng

RT: 3.21 min Scan# 142

Delta R.T. 0.08 min

Lab File: BF087797.D

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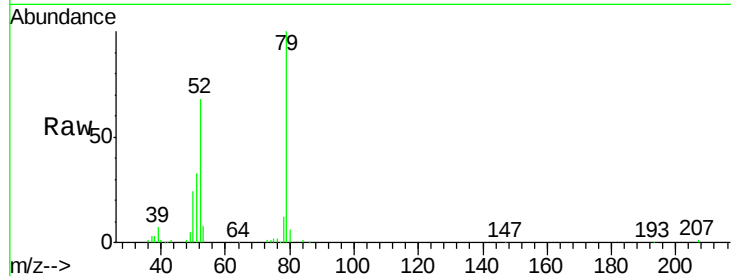
Tgt Ion: 79 Resp: 212060

Ion Ratio Lower Upper

79 100

52 67.8 56.3 84.5

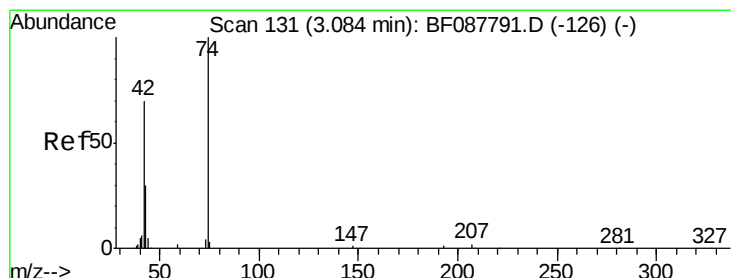
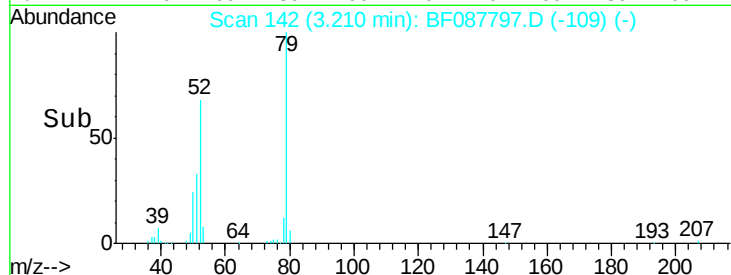
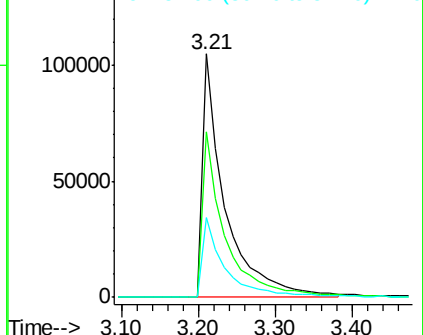
51 32.7 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.82 ng

RT: 3.15 min Scan# 137

Delta R.T. 0.07 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

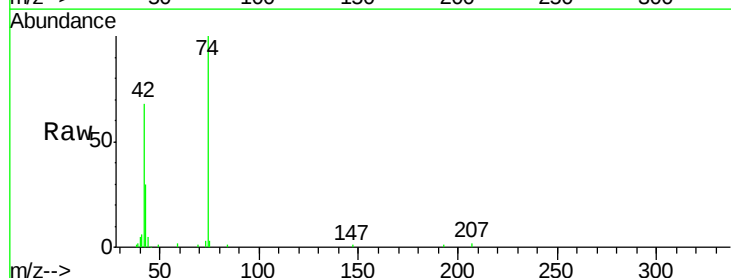
Tgt Ion: 42 Resp: 108472

Ion Ratio Lower Upper

42 100

74 147.7 108.6 163.0

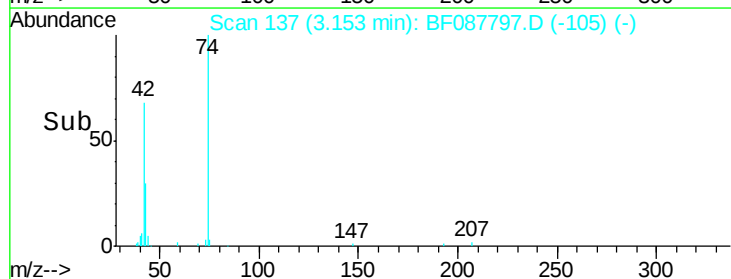
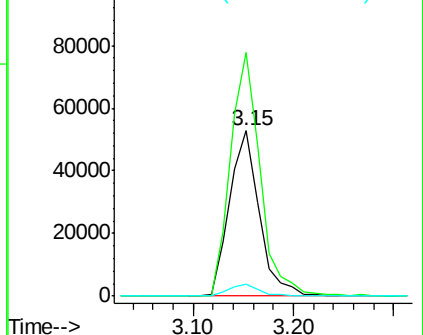
44 7.3 5.5 8.3



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: 120.44 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.01 min

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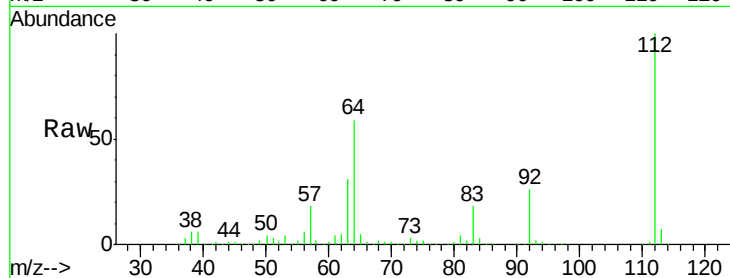
Tgt Ion: 112 Resp: 692644

Ion Ratio Lower Upper

112 100

64 59.0 42.2 63.2

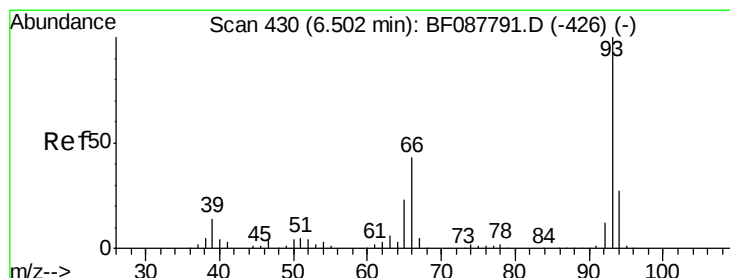
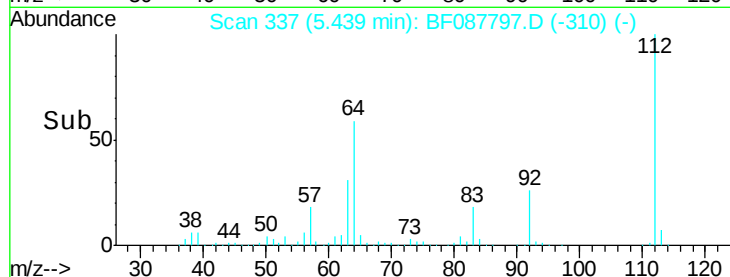
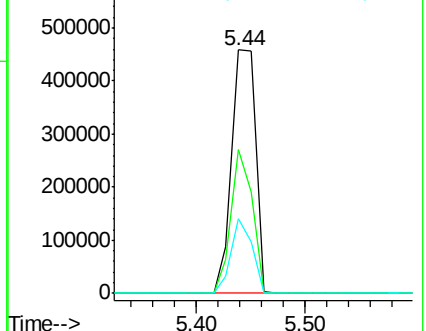
63 30.5 21.8 32.8



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: 26.73 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

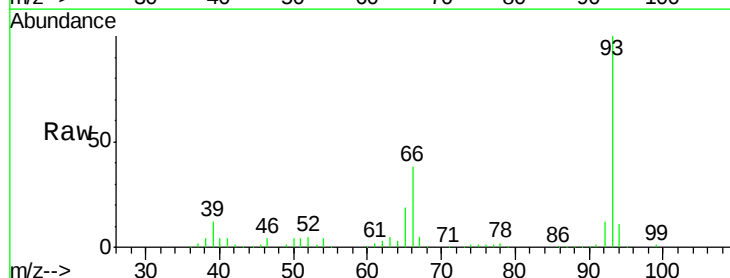
Tgt Ion: 93 Resp: 265138

Ion Ratio Lower Upper

93 100

66 38.1 29.8 44.8

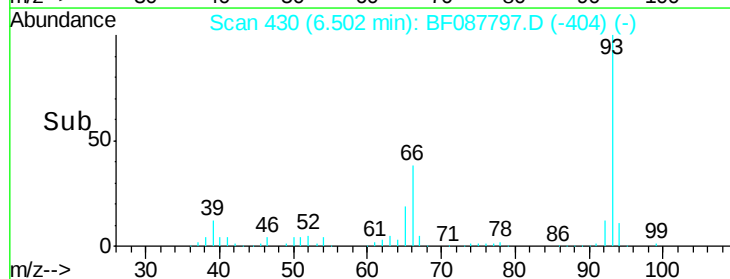
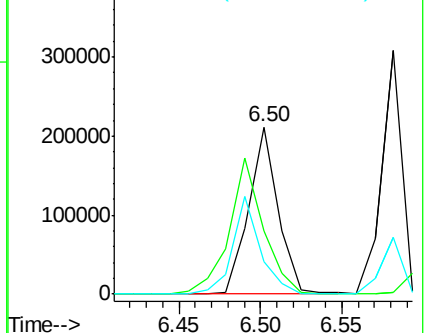
65 19.4 14.9 22.3



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: 117.26 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

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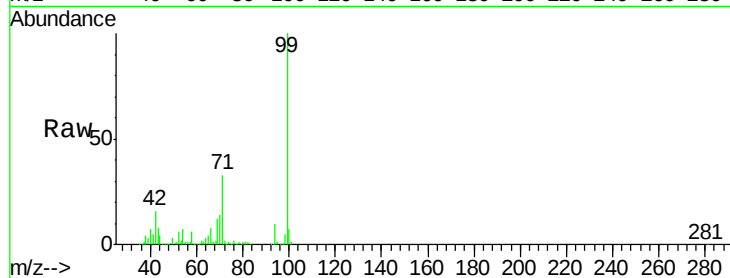
Tgt Ion: 99 Resp: 817297

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

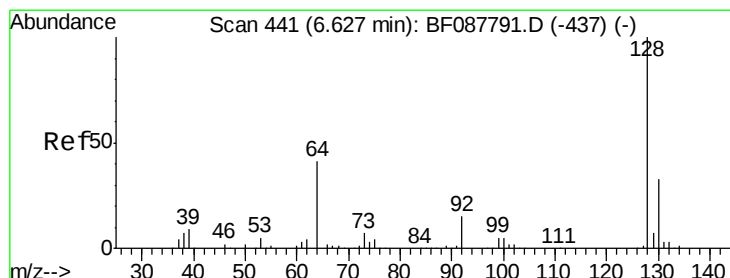
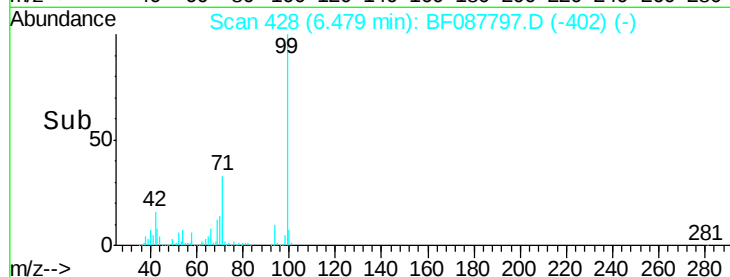
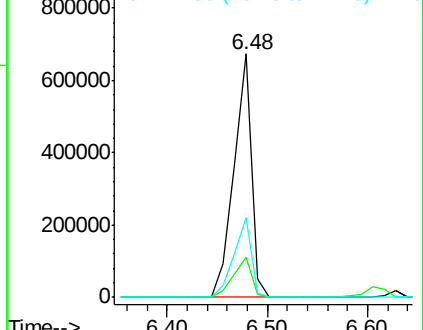
71 32.8 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.93 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

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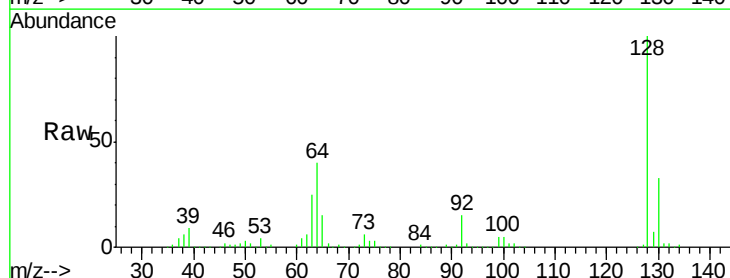
Tgt Ion: 128 Resp: 292256

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

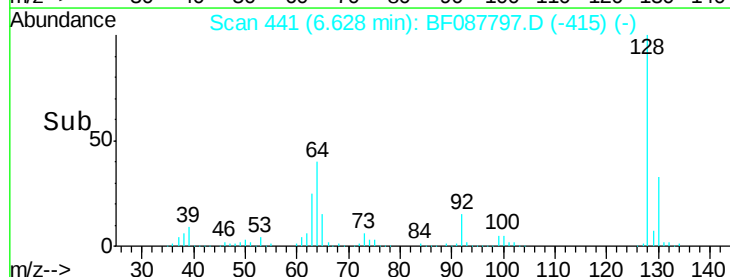
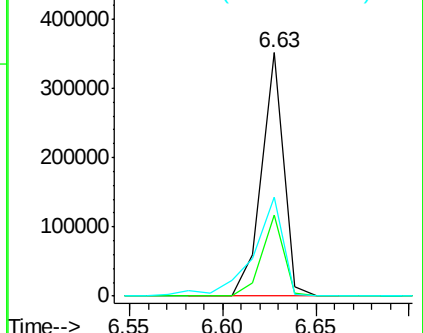
64 40.5 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.91 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

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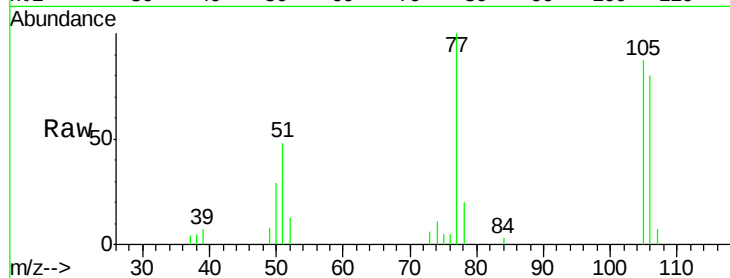
Tgt Ion: 77 Resp: 14546

Ion Ratio Lower Upper

77 100

105 87.5 90.6 130.6#

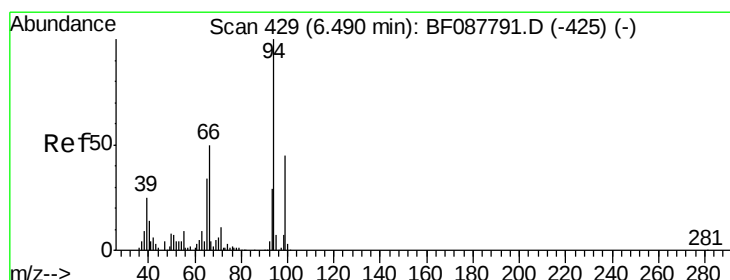
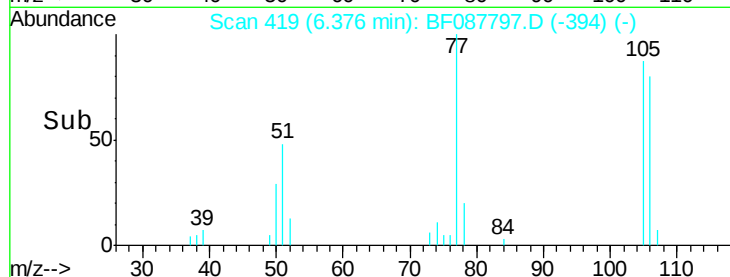
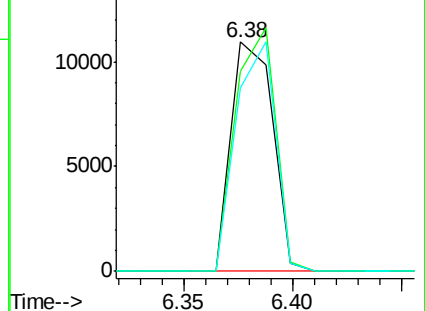
106 79.9 85.3 125.3#



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: 47.78 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

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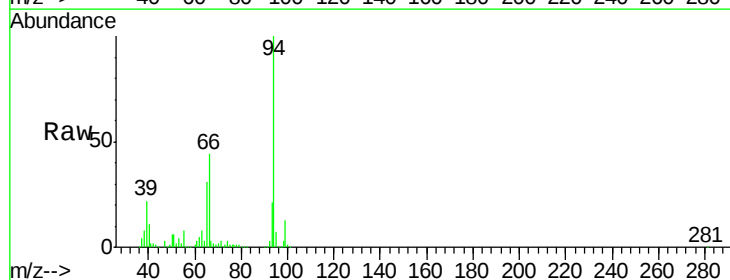
Tgt Ion: 94 Resp: 342753

Ion Ratio Lower Upper

94 100

65 31.2 5.9 45.9

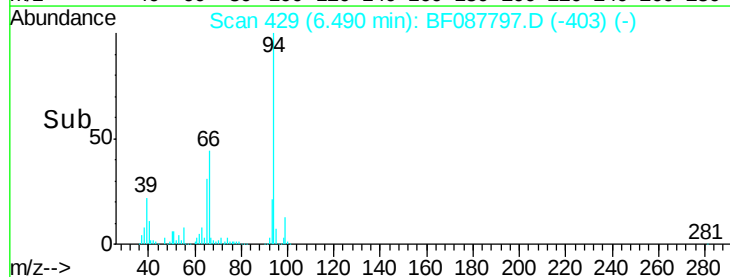
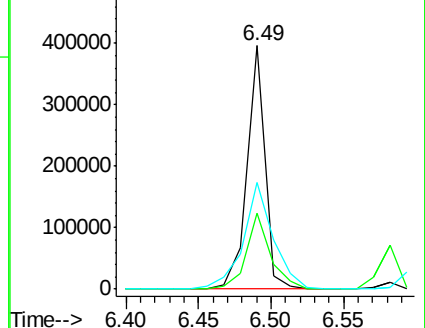
66 43.6 14.0 54.0

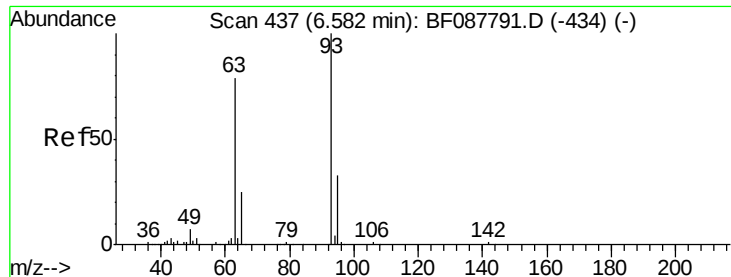


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

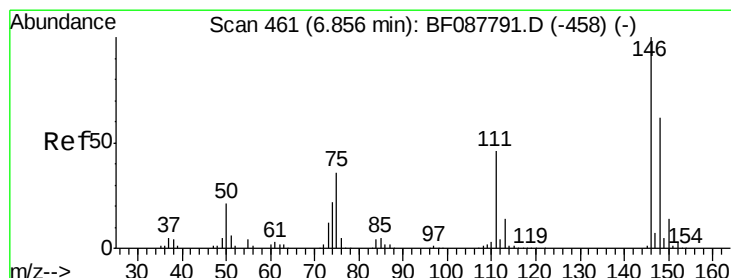
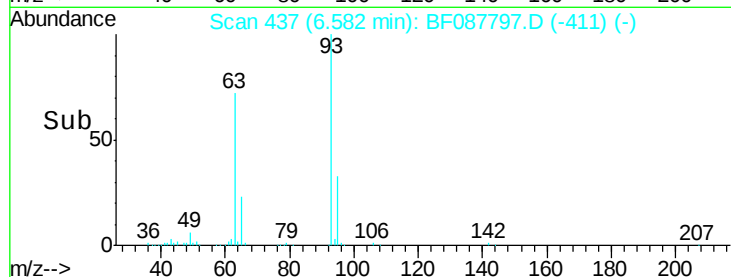
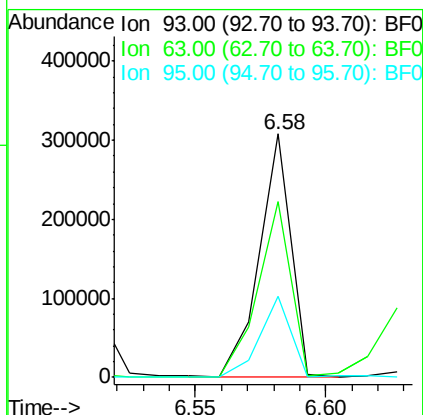
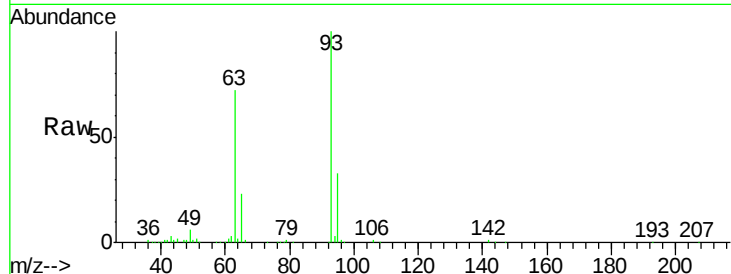




#11
bis(2-Chloroethyl)ether
Concen: 42.49 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

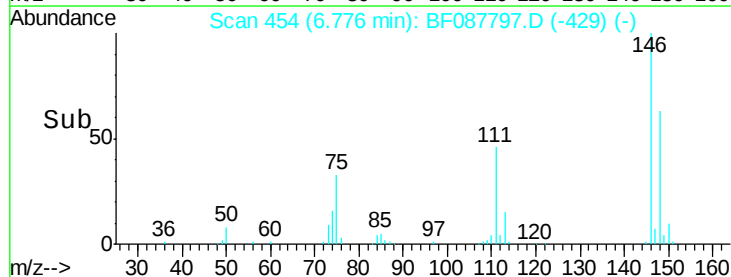
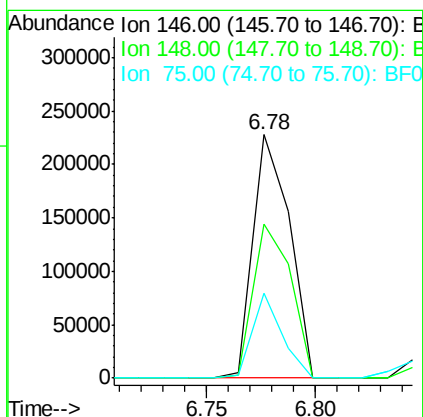
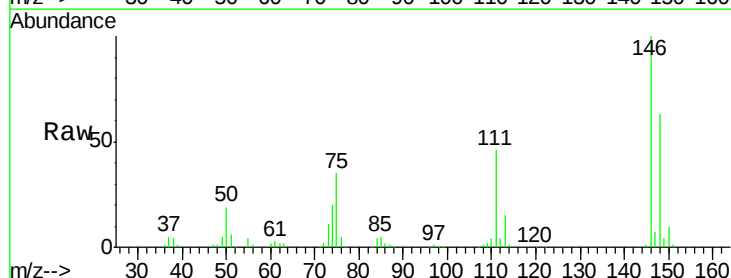
Instrument :
BNA_F
ClientSampleId :
PB91075BS

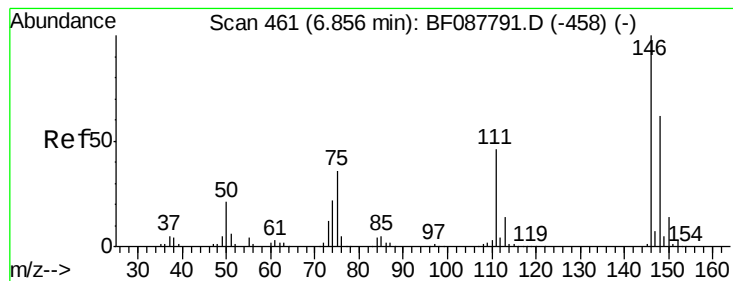
Tgt Ion: 93 Resp: 259664
Ion Ratio Lower Upper
93 100
63 72.1 67.6 107.6
95 33.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 36.62 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion: 146 Resp: 267434
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
75 34.7 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 37.02 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

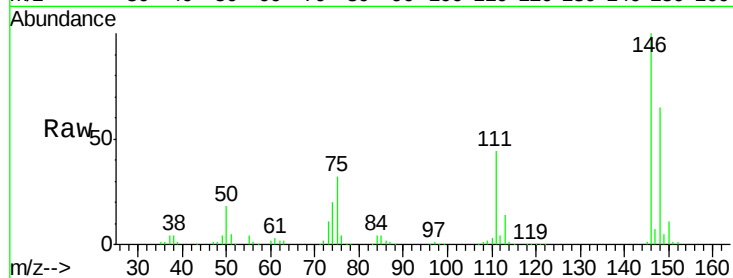
Tgt Ion:146 Resp: 272347

Ion Ratio Lower Upper

146 100

148 64.9 52.0 78.0

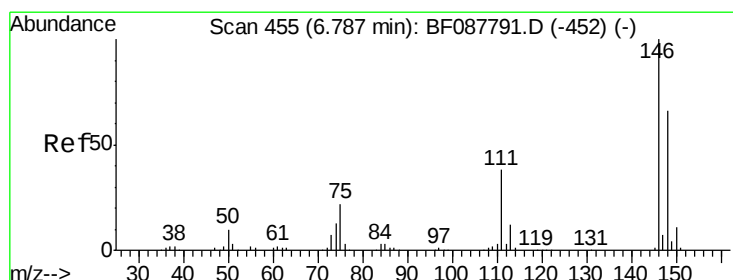
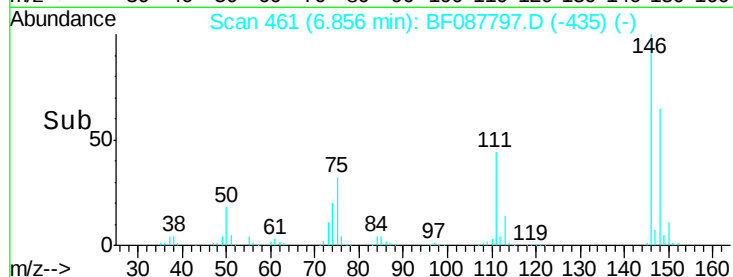
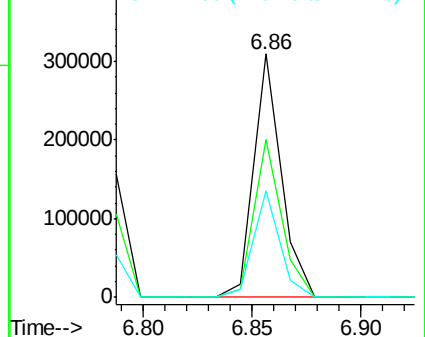
111 44.1 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.20 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

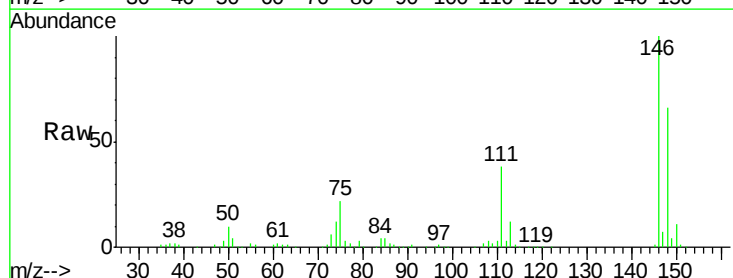
Tgt Ion:146 Resp: 268997

Ion Ratio Lower Upper

146 100

148 66.4 52.3 78.5

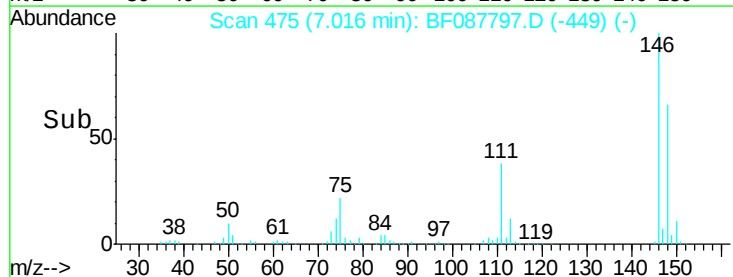
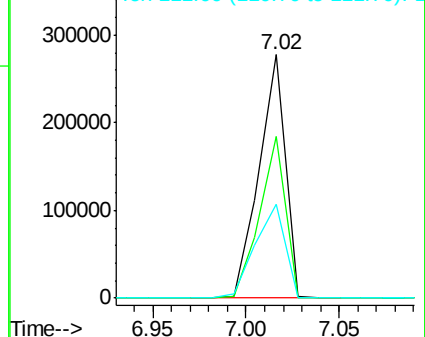
111 38.4 28.7 43.1

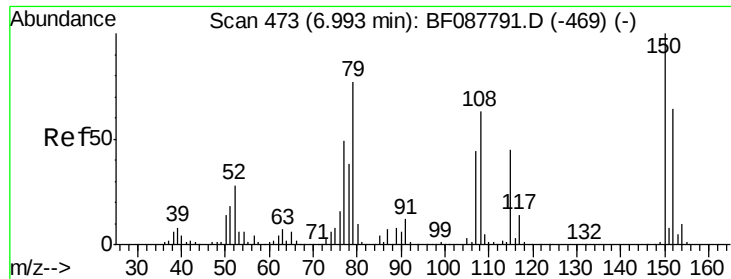


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

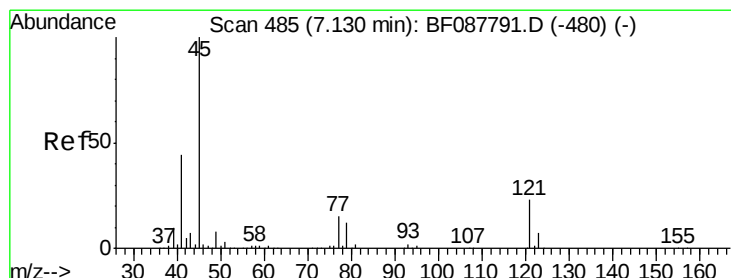
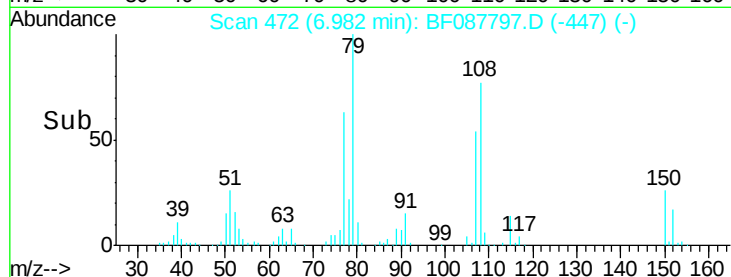
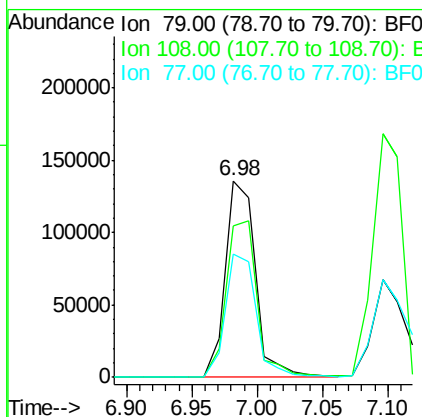
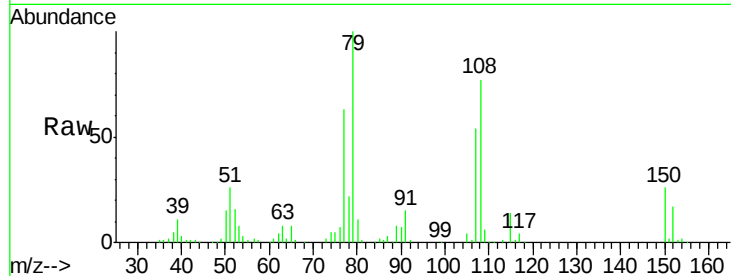




#15
Benzyl Alcohol
Concen: 39.99 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

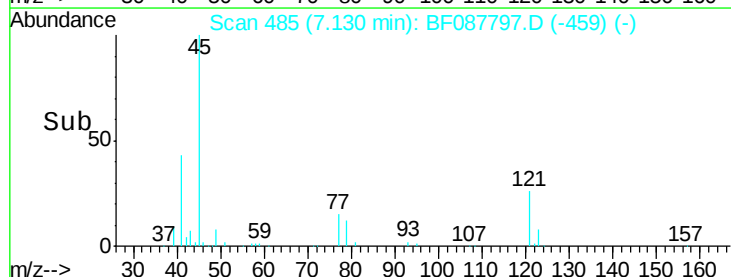
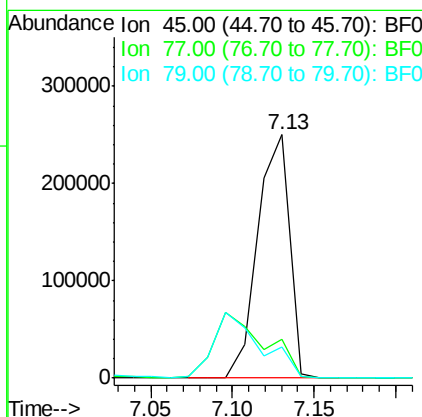
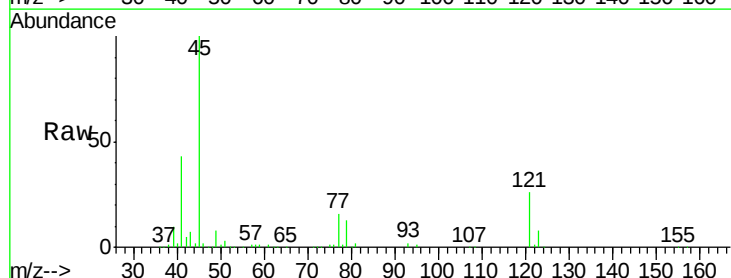
Instrument :
BNA_F
ClientSampleId :
PB91075BS

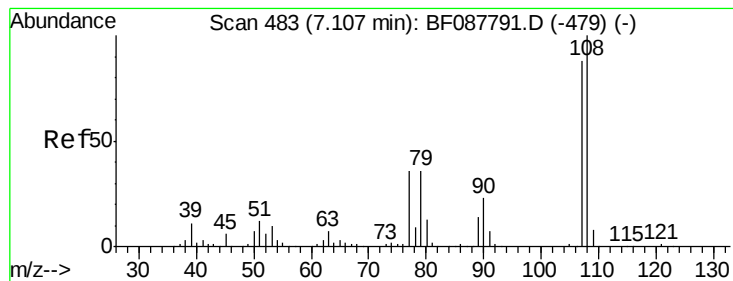
Tgt Ion: 79 Resp: 218057
Ion Ratio Lower Upper
79 100
108 77.3 65.0 97.6
77 62.6 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.21 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion: 45 Resp: 340244
Ion Ratio Lower Upper
45 100
77 15.8 0.0 32.5
79 12.6 0.0 29.5





#17

2-Methylphenol

Concen: 41.53 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

Tgt Ion:107 Resp: 229236

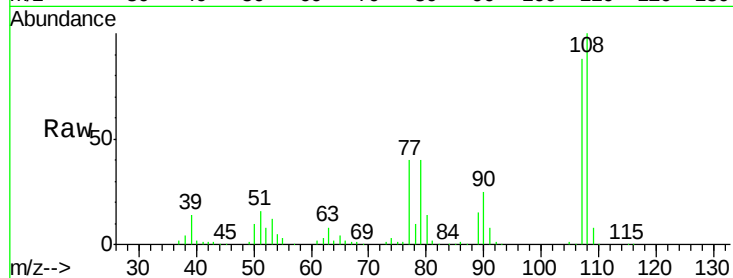
Ion Ratio Lower Upper

107 100

108 113.4 90.9 136.3

77 45.6 36.6 55.0

79 45.3 36.5 54.7

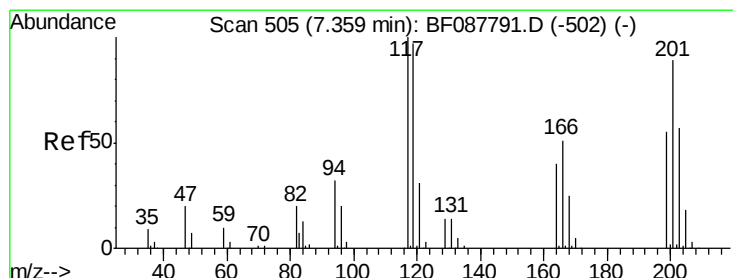
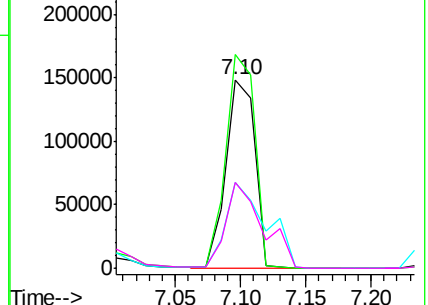
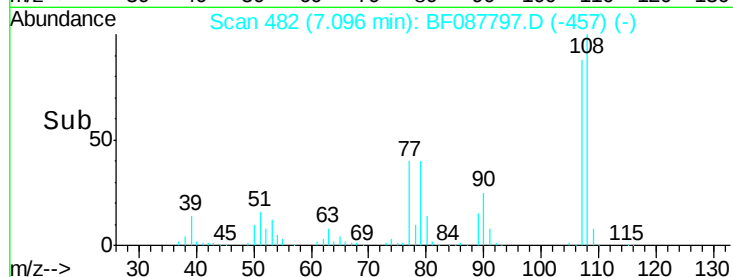


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.40 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

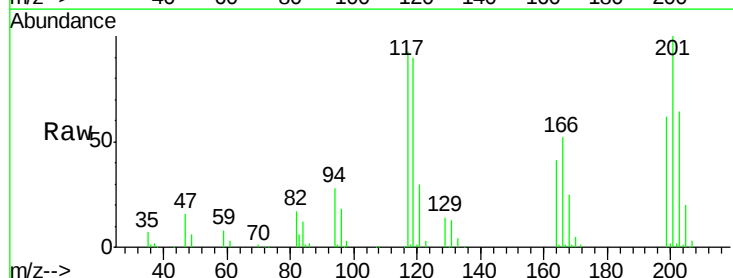
Tgt Ion:117 Resp: 105464

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.2

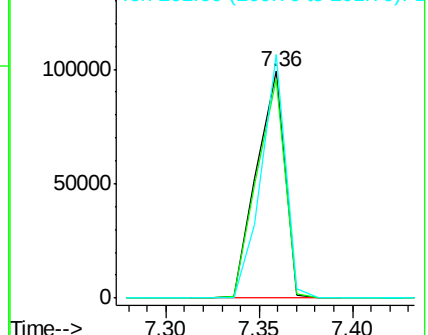
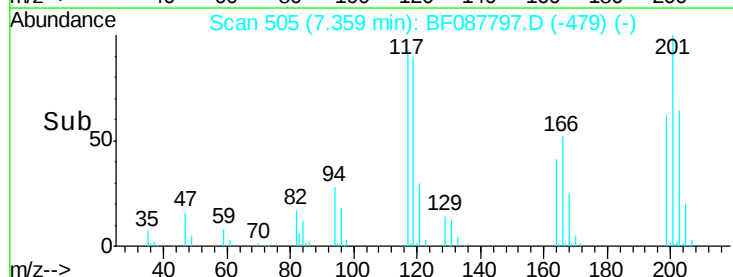
201 107.5 80.4 120.6

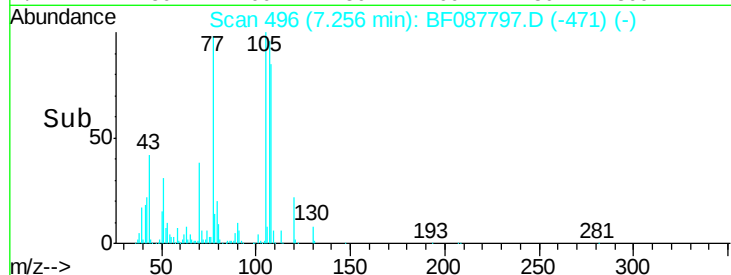
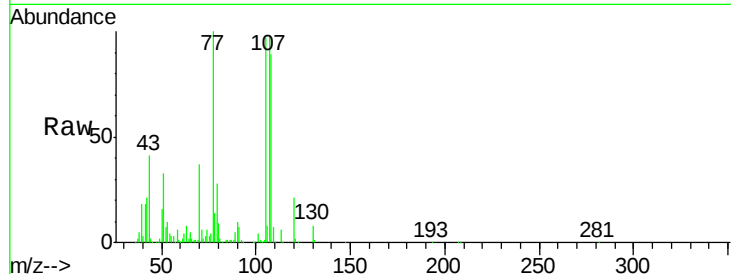


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

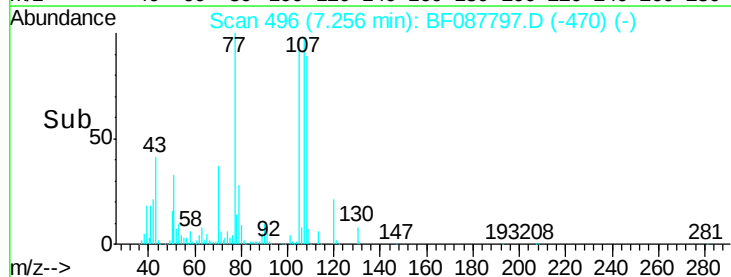
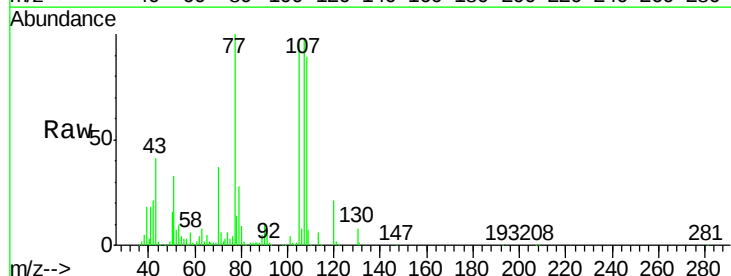
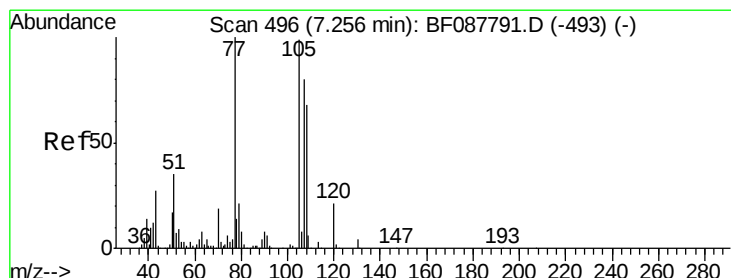
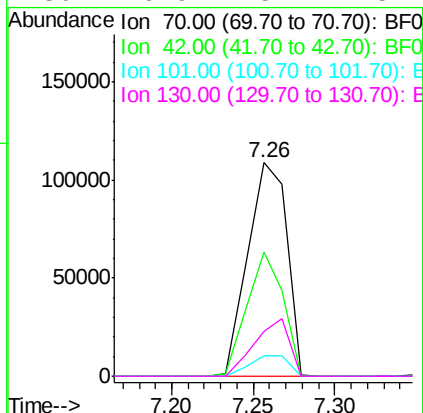




#19
n-Nitroso-di-n-propylamine
Concen: 40.31 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

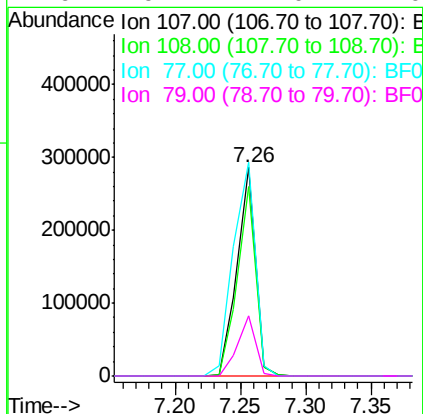
Instrument :
BNA_F
ClientSampleId :
PB91075BS

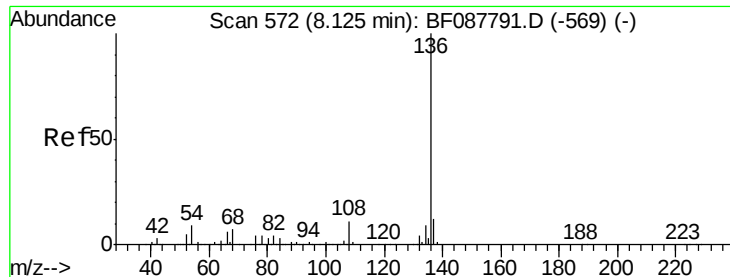
Tgt Ion:	70	Resp:	179754
Ion	Ratio	Lower	Upper
70	100		
42	57.9	49.6	74.4
101	9.4	7.1	10.7
130	20.9	15.4	23.2



#20
3+4-Methylphenols
Concen: 43.59 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion:	107	Resp:	280779
Ion	Ratio	Lower	Upper
107	100		
108	91.1	67.8	107.8
77	102.5	59.3	99.3#
79	29.1	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

Tgt Ion:136 Resp: 411080

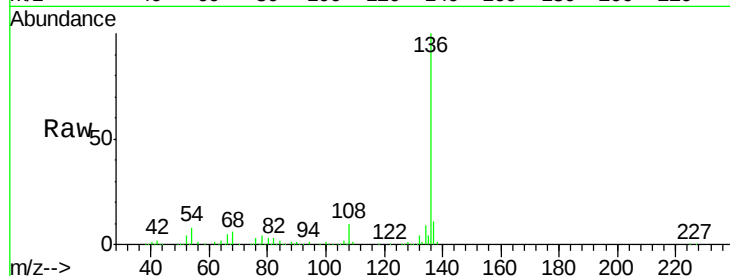
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.7 6.6 10.0

68 6.1 5.1 7.7

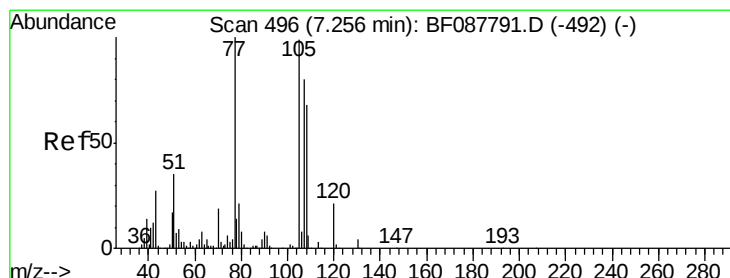
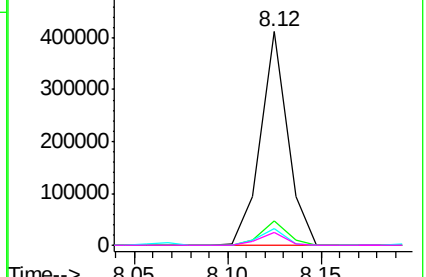
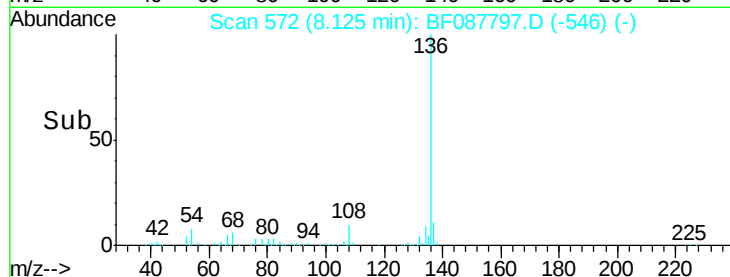


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.78 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Tgt Ion:105 Resp: 347113

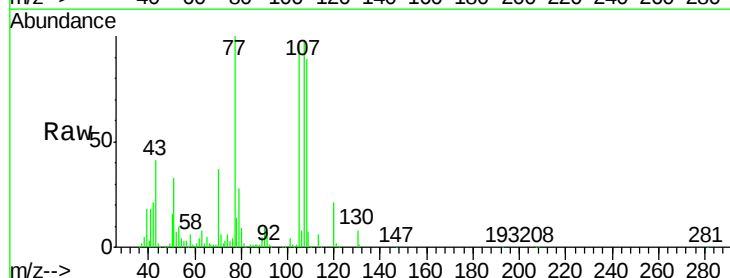
Ion Ratio Lower Upper

105 100

71 6.6 5.3 7.9

51 33.9 18.2 27.4#

120 22.1 18.0 27.0

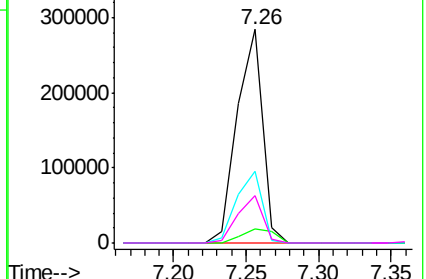
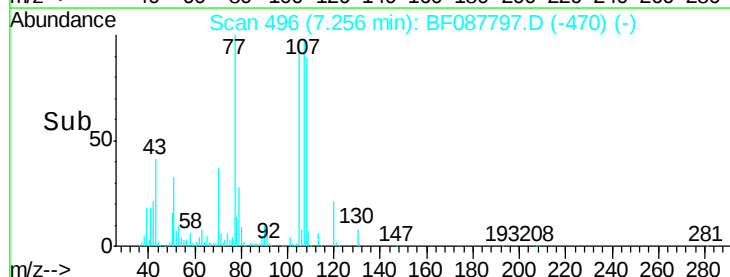


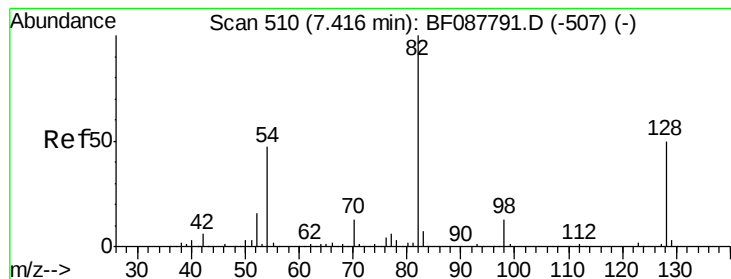
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 74.92 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

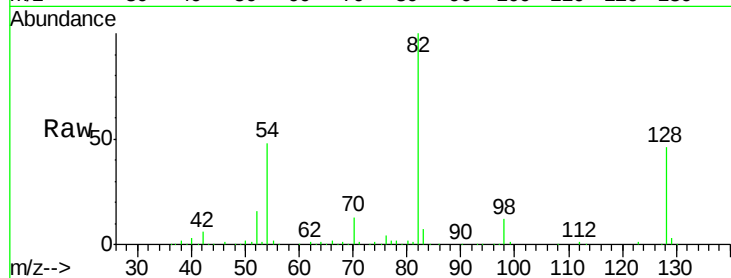
Tgt Ion: 82 Resp: 527384

Ion Ratio Lower Upper

82 100

128 45.5 35.9 53.9

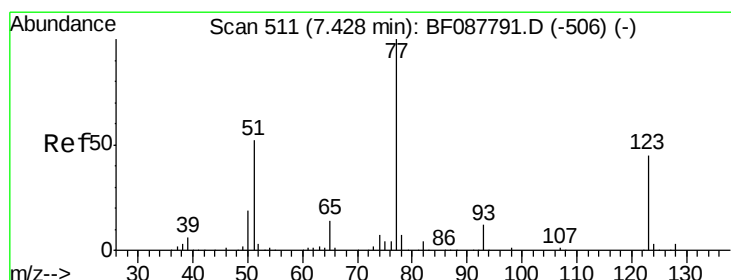
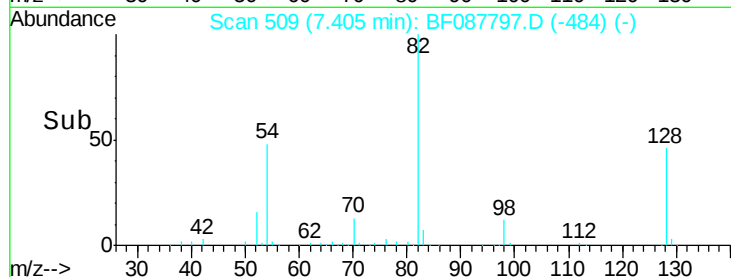
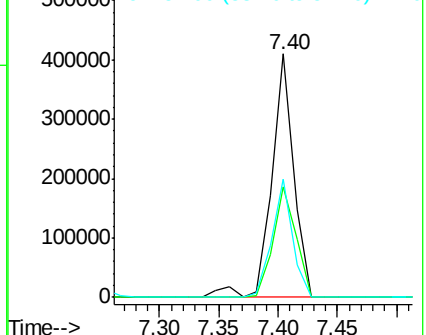
54 48.5 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.54 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

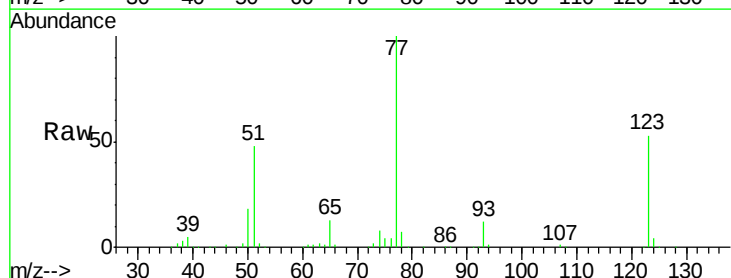
Tgt Ion: 77 Resp: 296935

Ion Ratio Lower Upper

77 100

123 53.3 45.0 67.4

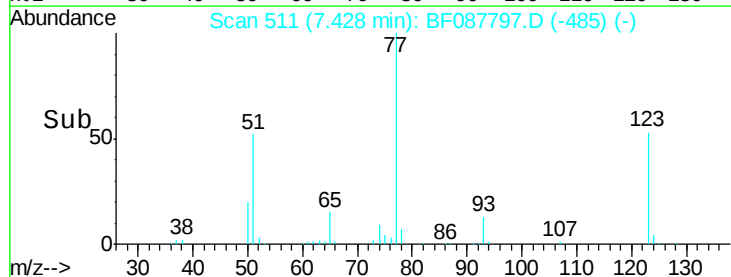
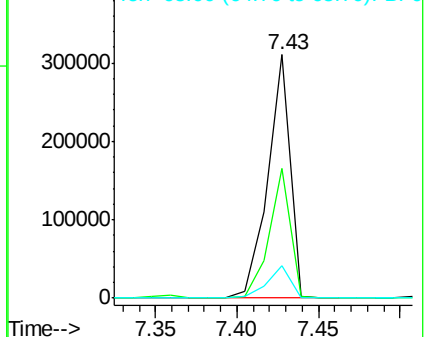
65 13.3 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.16 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

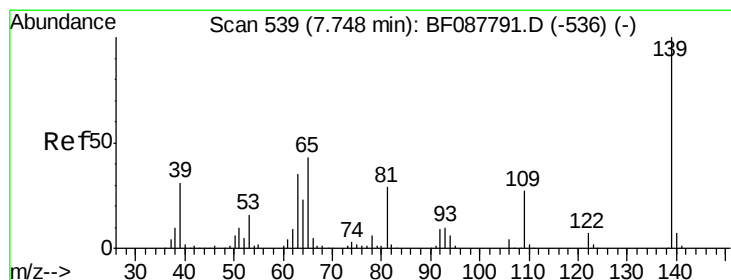
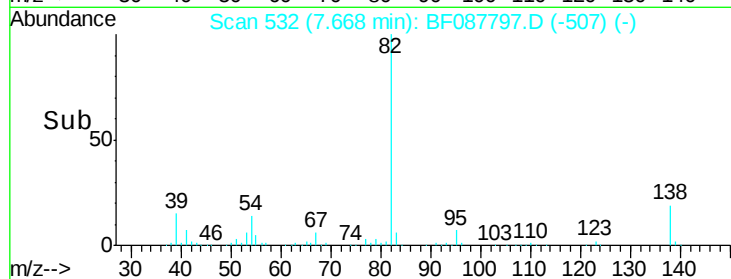
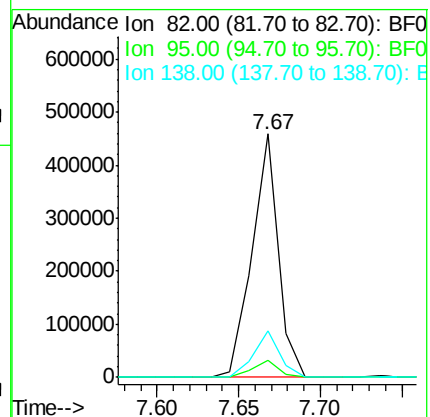
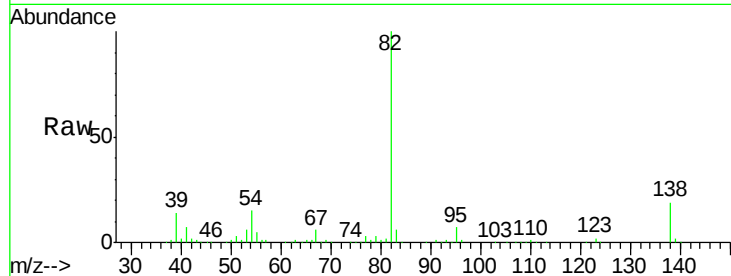
Tgt Ion: 82 Resp: 510663

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.9 14.6 21.8



#26

2-Nitrophenol

Concen: 41.93 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

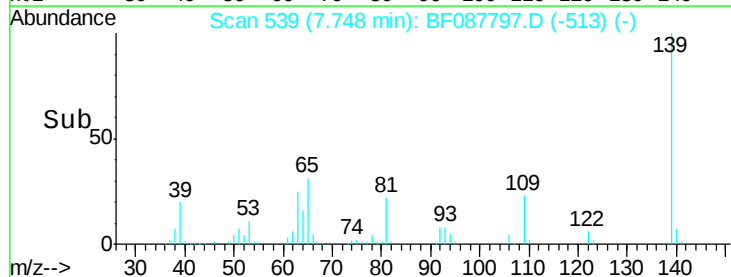
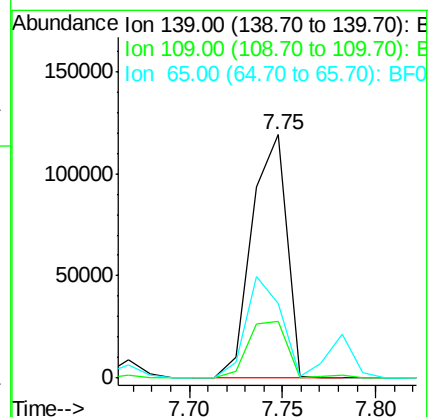
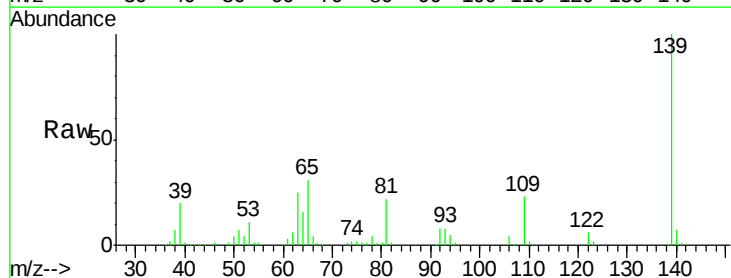
Tgt Ion: 139 Resp: 153181

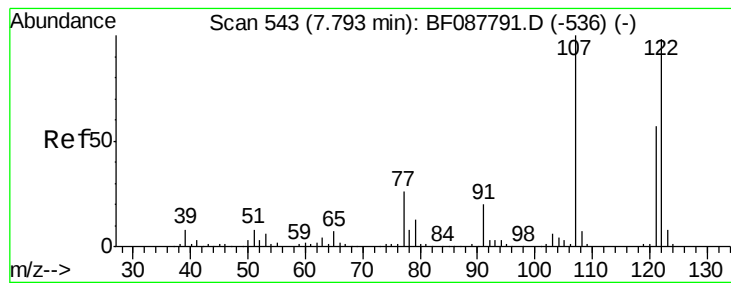
Ion Ratio Lower Upper

139 100

109 23.1 23.0 34.4

65 30.6 45.8 68.8#

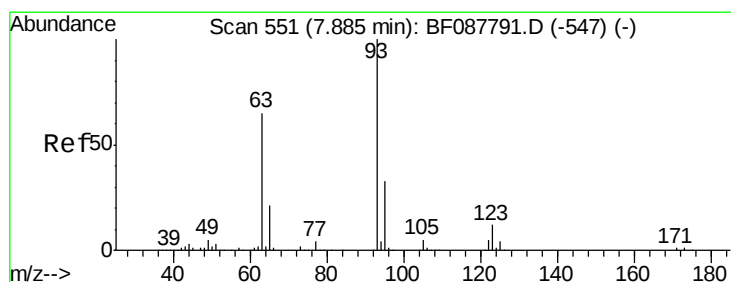
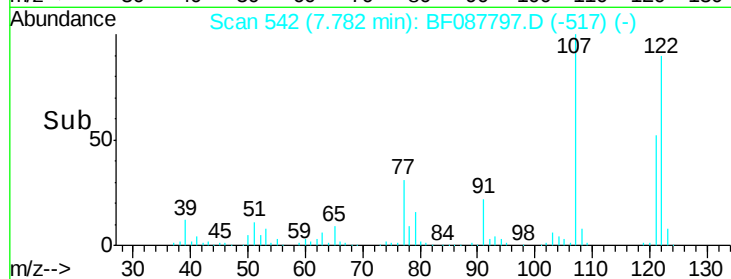
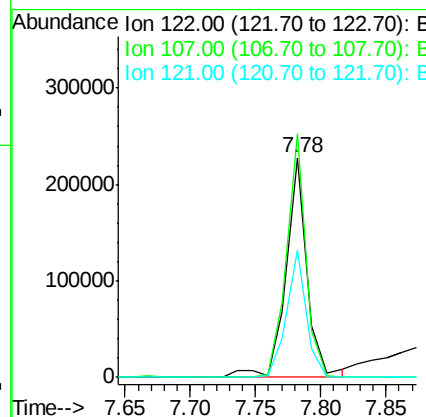
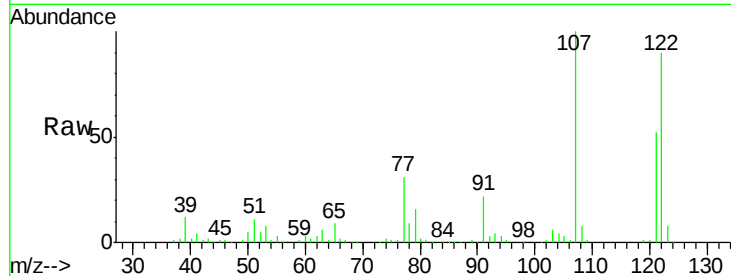




#27
 2,4-Dimethylphenol
 Concen: 38.52 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

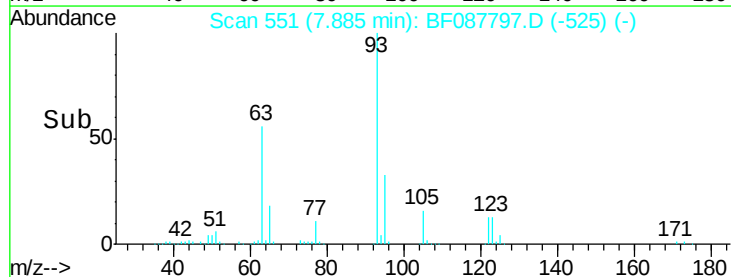
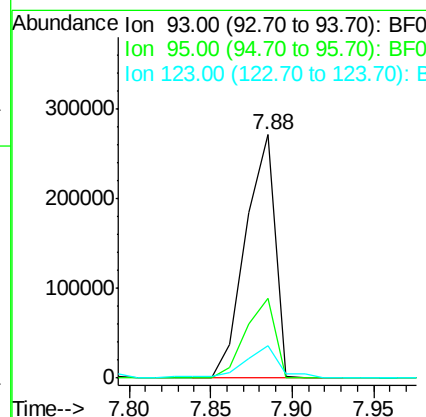
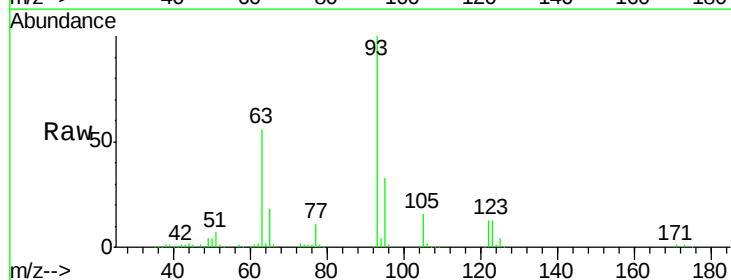
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

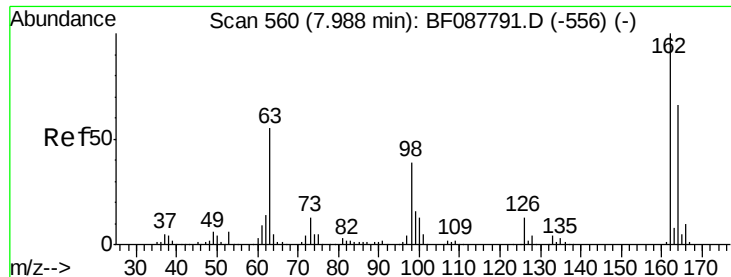
Tgt Ion: 122 Resp: 259099
 Ion Ratio Lower Upper
 122 100
 107 110.9 82.4 123.6
 121 58.0 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.01 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion: 93 Resp: 339782
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 13.4 11.6 17.4

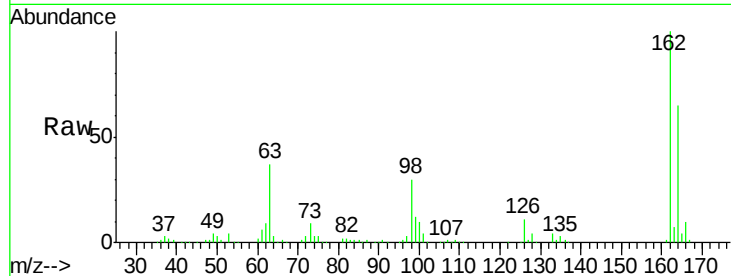




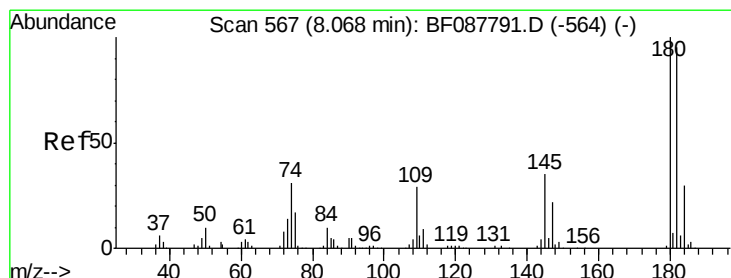
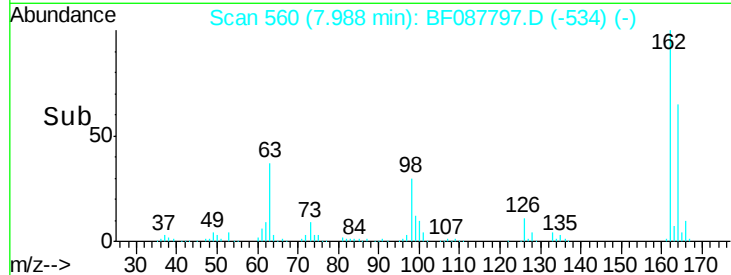
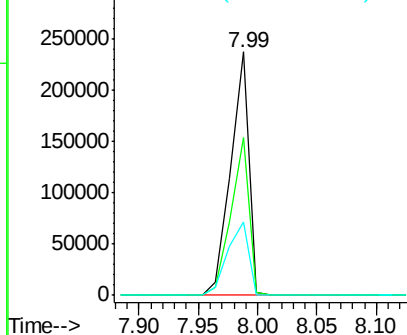
#29
 2,4-Dichlorophenol
 Concen: 45.26 ng
 RT: 7.99 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.8	83.8
98	30.3	21.3	61.3

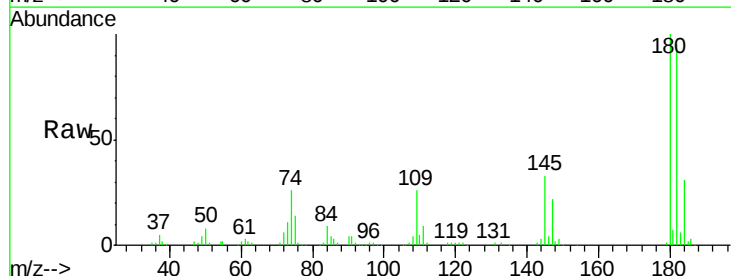


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

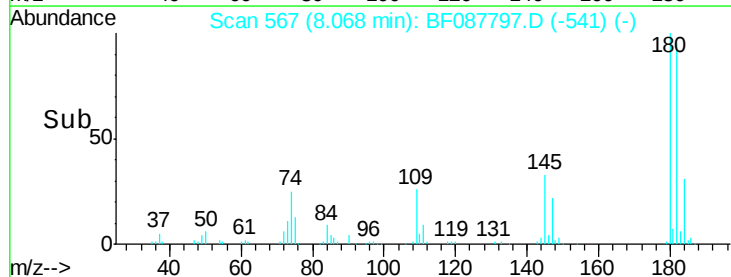
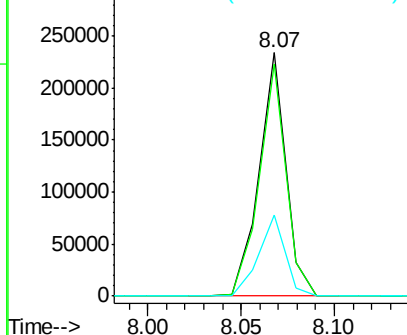


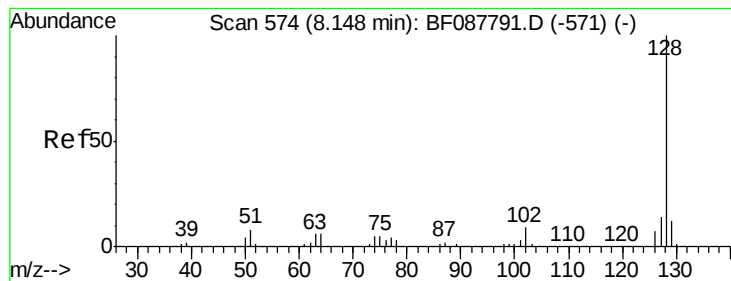
#30
 1,2,4-Trichlorobenzene
 Concen: 37.79 ng
 RT: 8.07 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.0	114.0
145	33.1	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

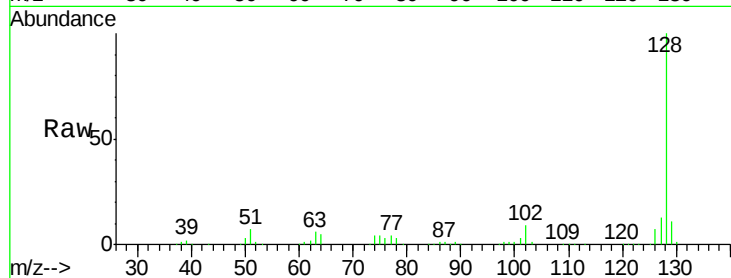




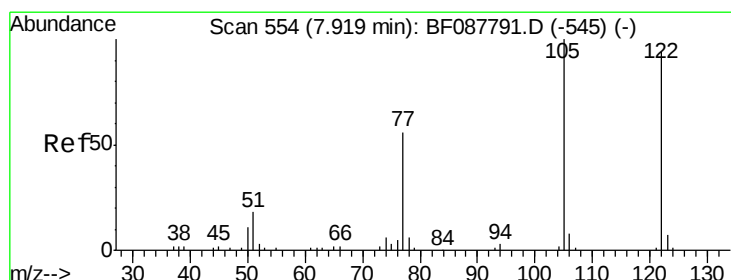
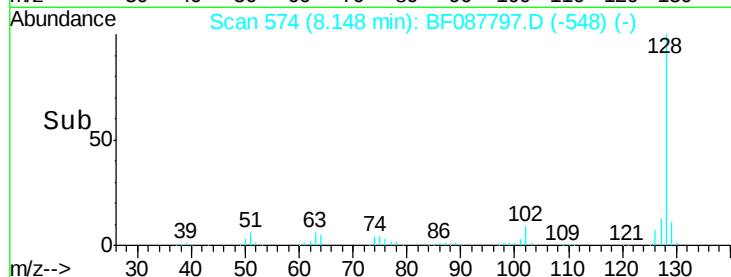
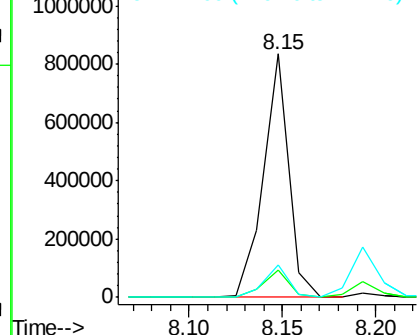
#31
Naphthalene
Concen: 38.99 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tgt Ion:128 Resp: 793264
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.4 10.9 16.3

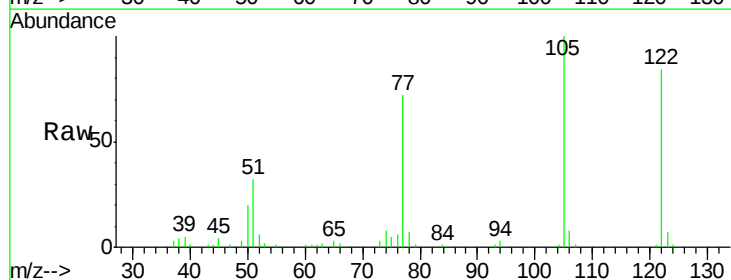


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

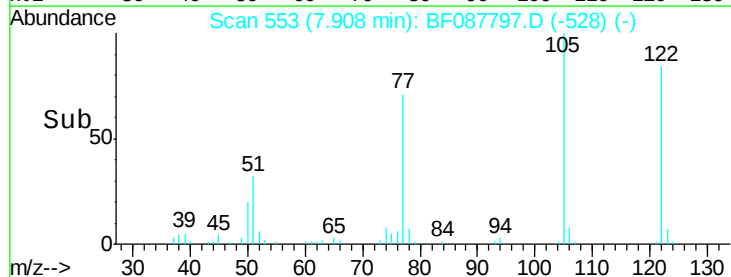
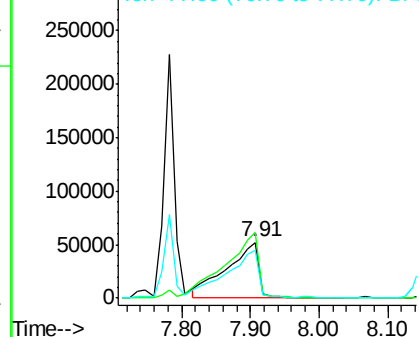


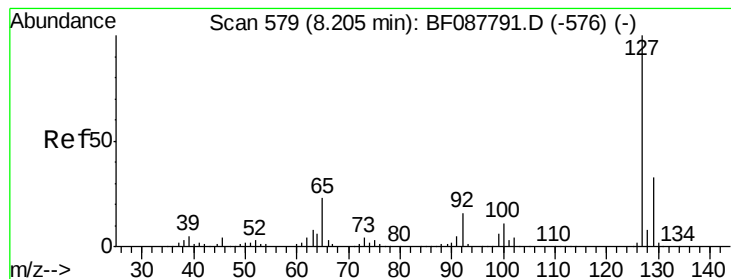
#32
Benzoic acid
Concen: 46.04 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion:122 Resp: 170491
Ion Ratio Lower Upper
122 100
105 119.0 101.6 141.6
77 86.0 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.99 ng

RT: 8.19 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

Tgt Ion:127 Resp: 181568

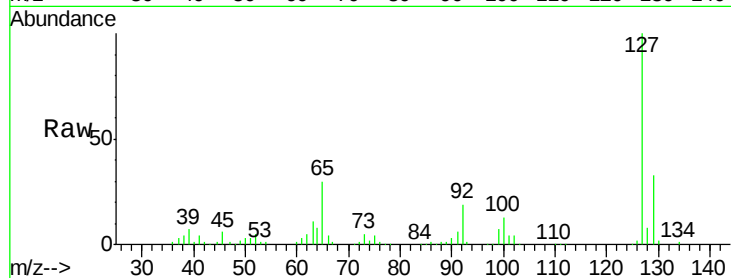
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 30.2 24.7 37.1

92 18.7 15.4 23.0

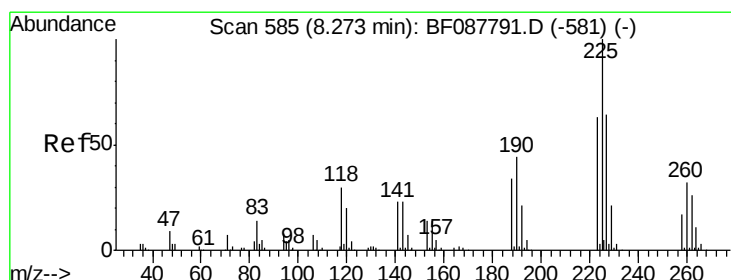
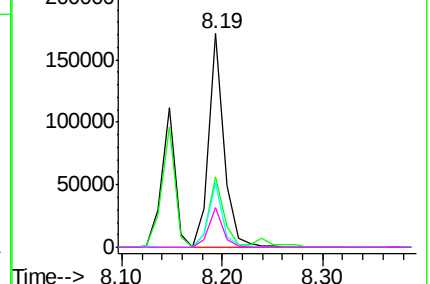
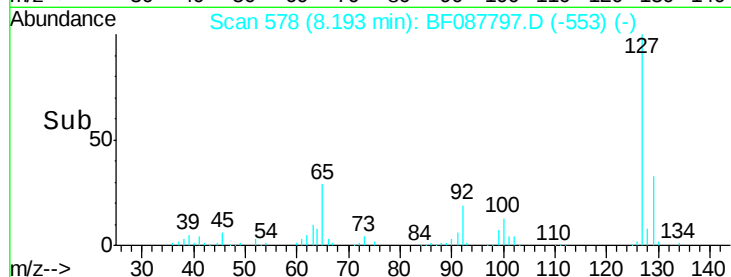


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.95 ng

RT: 8.27 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

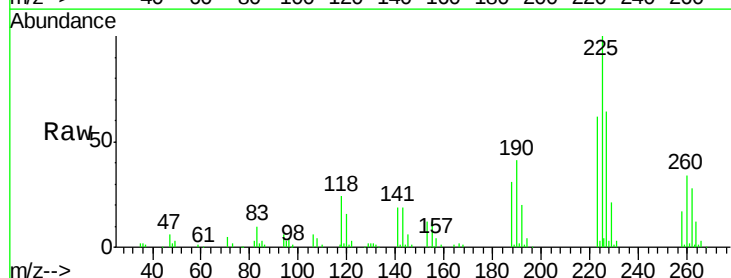
Tgt Ion:225 Resp: 128816

Ion Ratio Lower Upper

225 100

223 62.4 50.9 76.3

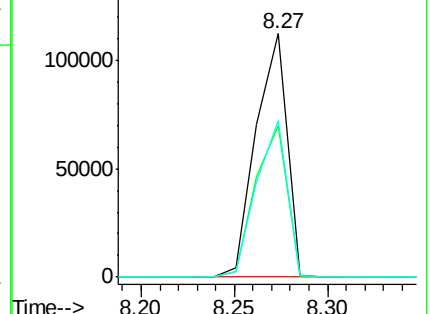
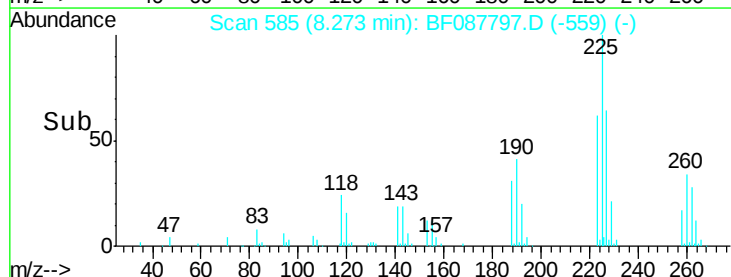
227 64.1 51.9 77.9

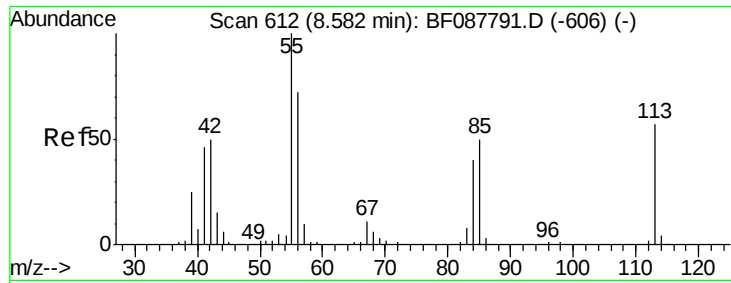


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

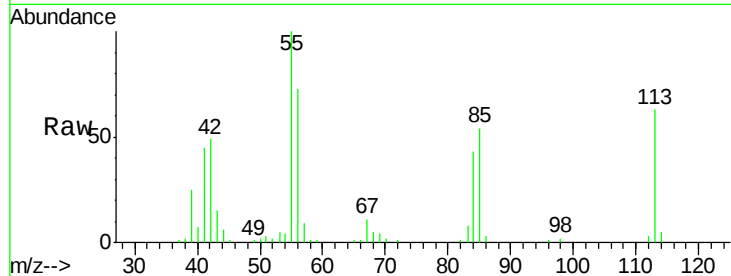




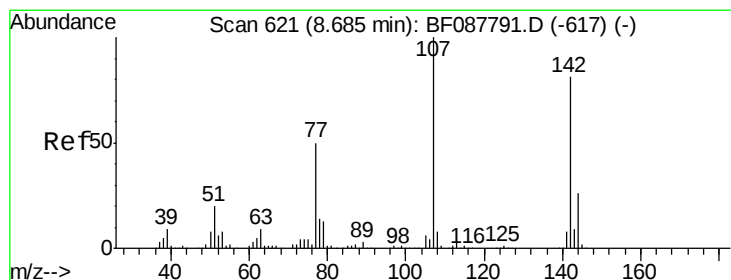
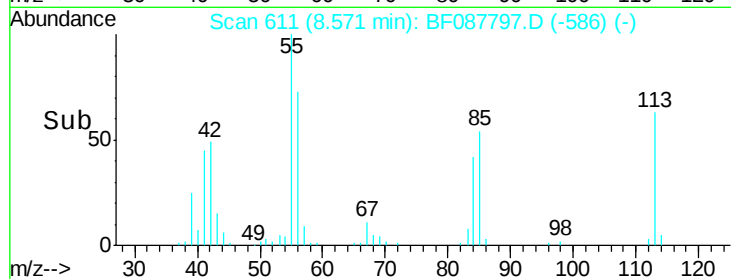
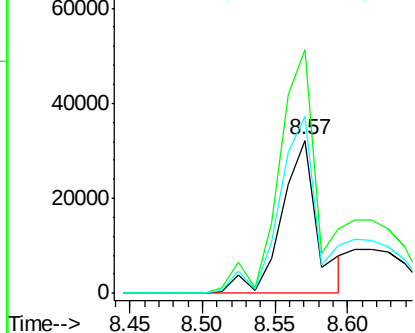
#35
 Caprolactam
 Concen: 29.86 ng
 RT: 8.57 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:113 Resp: 55543
 Ion Ratio Lower Upper
 113 100
 55 159.3 158.6 198.6
 56 115.5 110.6 150.6

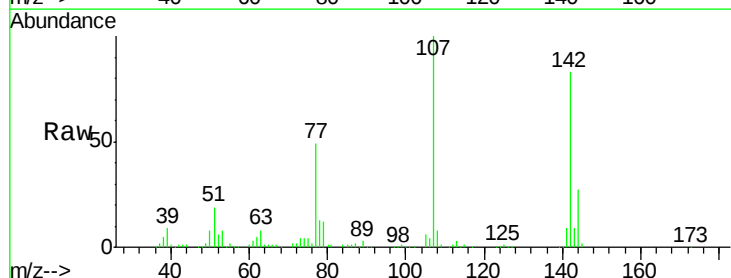


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

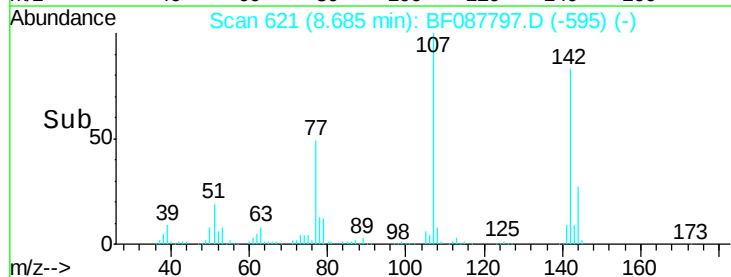
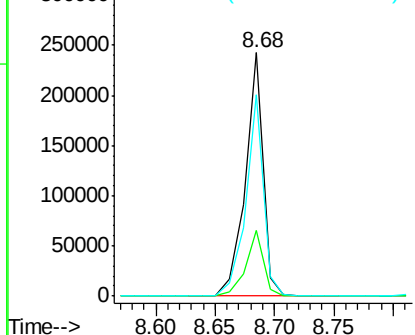


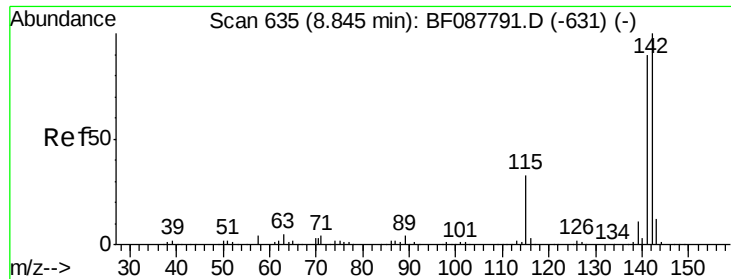
#36
 4-Chloro-3-methylphenol
 Concen: 42.52 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:107 Resp: 255331
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.8 31.2
 142 82.9 63.4 95.2



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

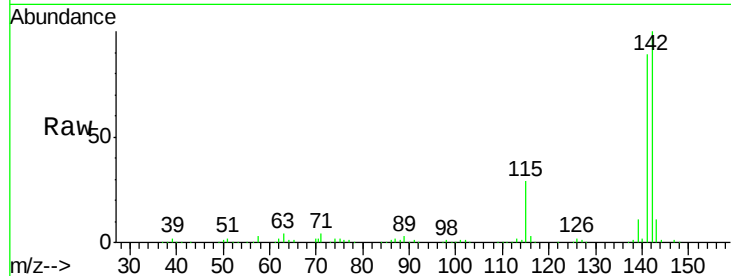




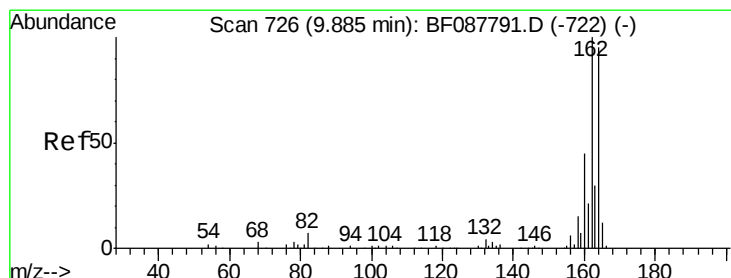
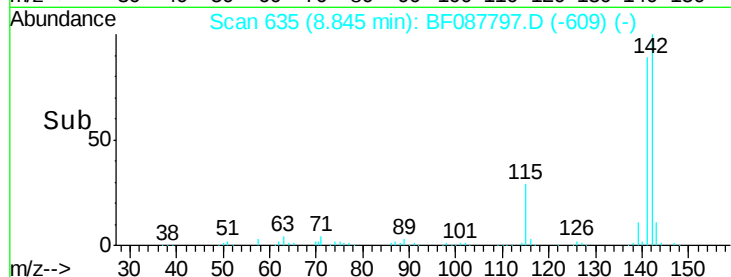
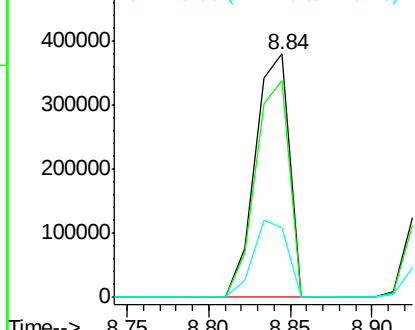
#37
 2-Methylnaphthalene
 Concen: 40.89 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:142 Resp: 548216
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 28.8 22.6 33.8

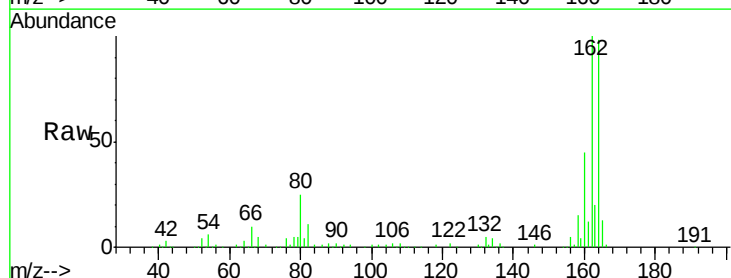


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

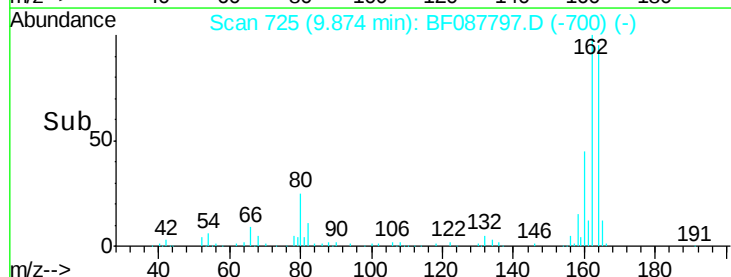
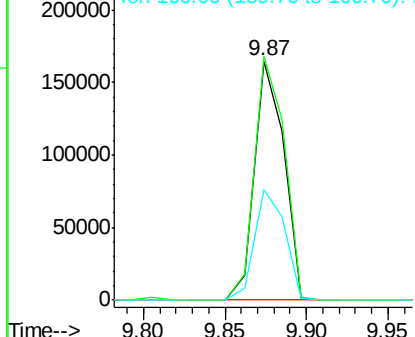


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:164 Resp: 205412
 Ion Ratio Lower Upper
 164 100
 162 101.9 85.4 128.2
 160 46.2 39.5 59.3



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

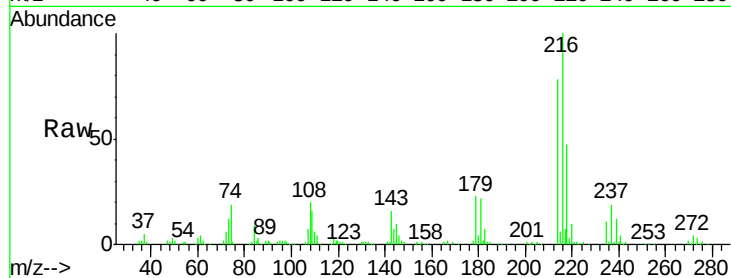




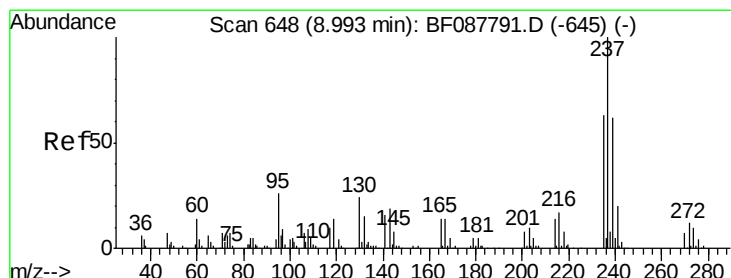
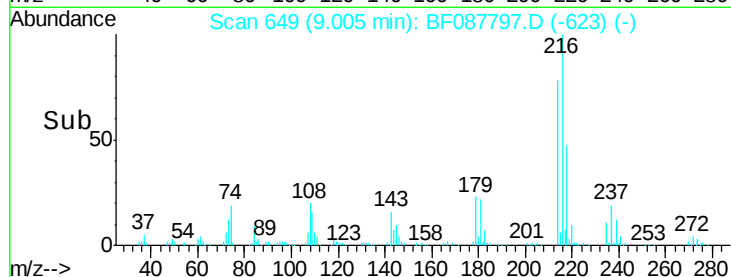
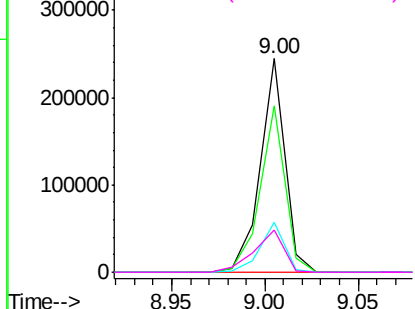
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.15 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:	216	Resp:	222588
Ion	Ratio	Lower	Upper
216	100		
214	78.2	2.9	4.3#
179	23.0	0.0	0.0#
108	23.4	0.5	0.7#

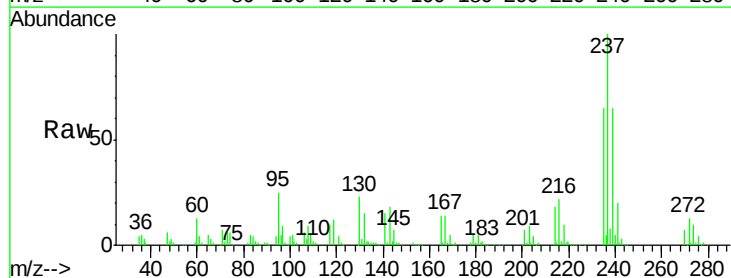


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

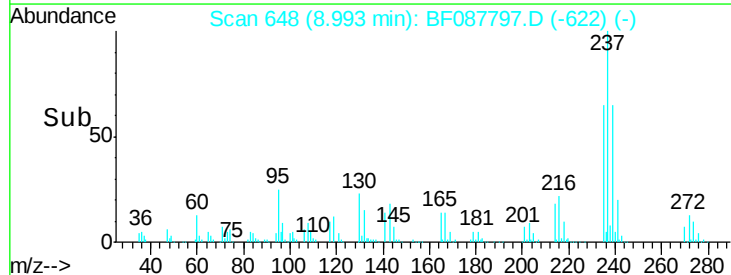
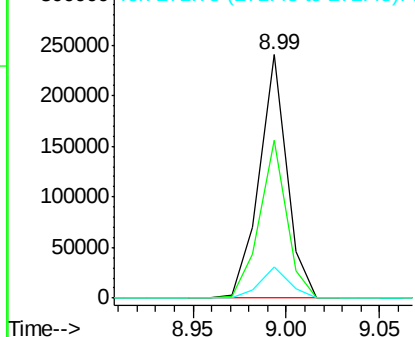


#40
 Hexachlorocyclopentadiene
 Concen: 74.24 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:	237	Resp:	245996
Ion	Ratio	Lower	Upper
237	100		
235	65.0	43.4	83.4
272	12.7	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

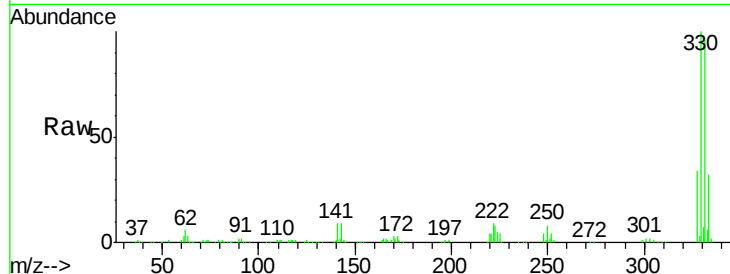




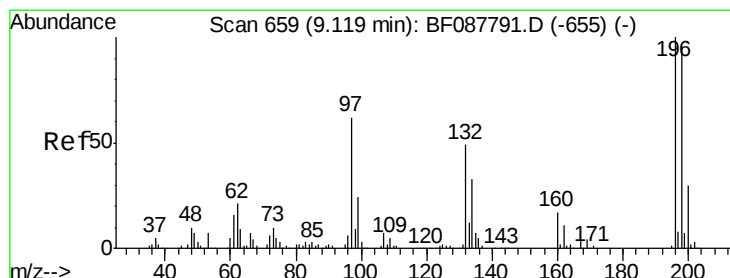
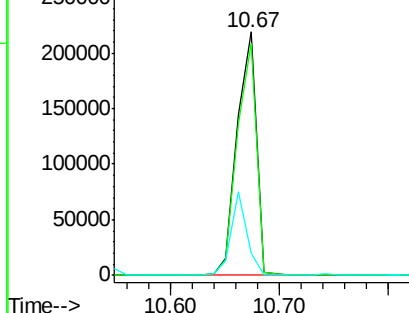
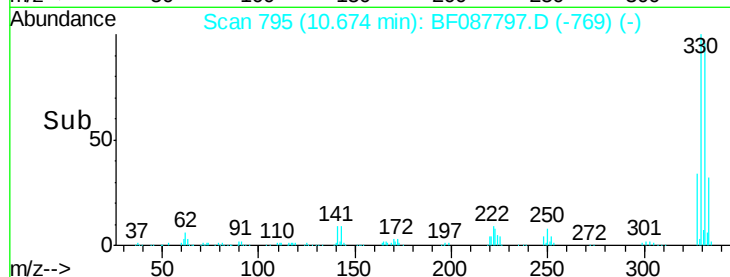
#41
 2,4,6-Tribromophenol
 Concen: 122.18 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	28.9	0.0	0.0#

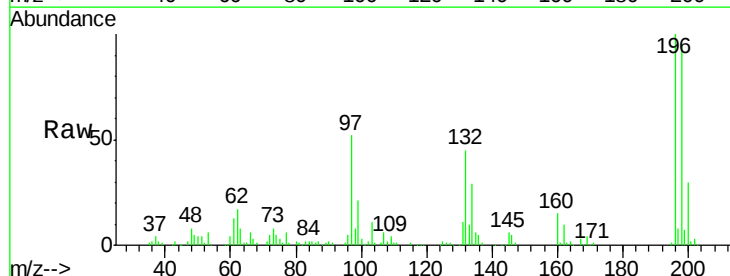


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

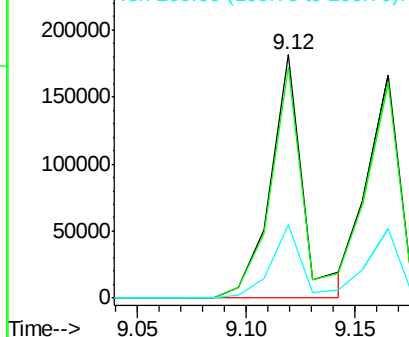
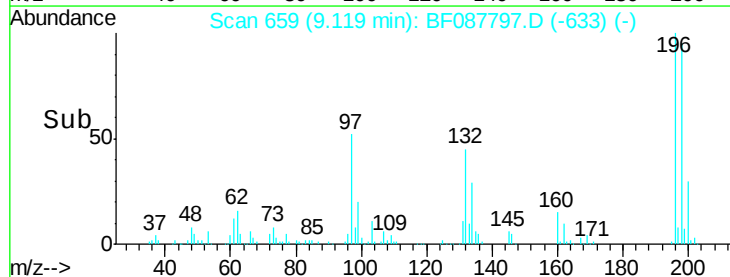


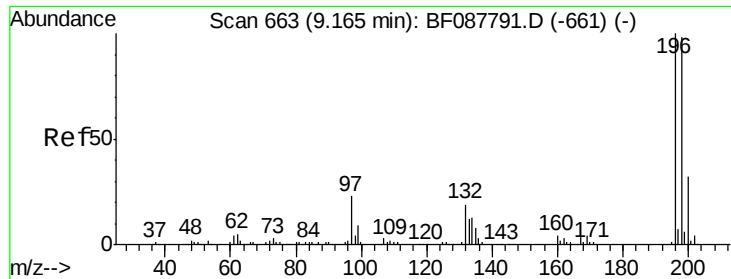
#42
 2,4,6-Trichlorophenol
 Concen: 45.68 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	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

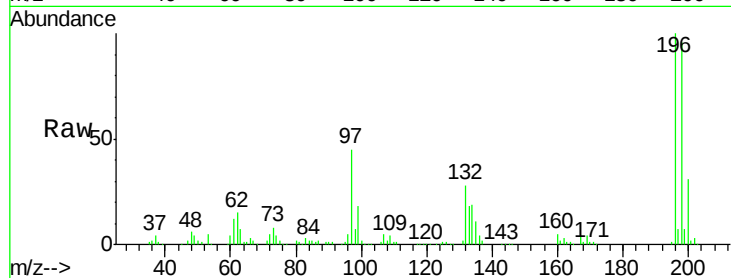




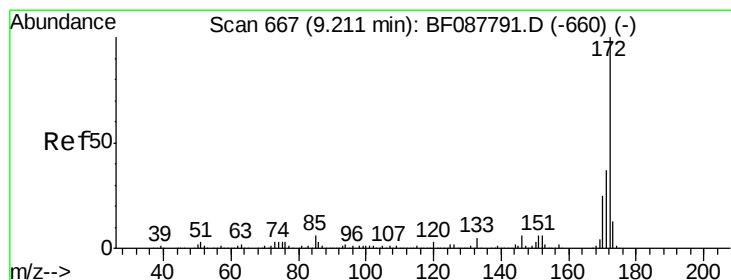
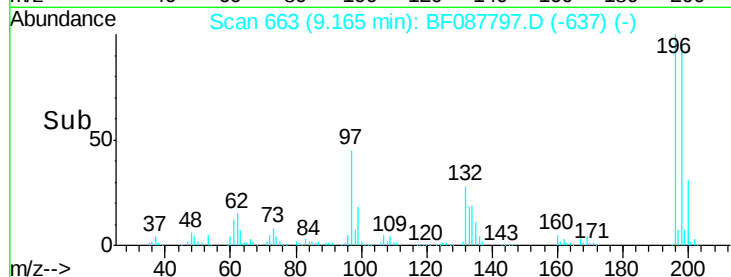
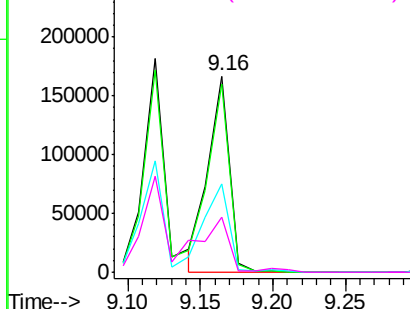
#43
2,4,5-Trichlorophenol
Concen: 40.08 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tgt Ion:196 Resp: 171284
Ion Ratio Lower Upper
196 100
198 96.2 77.5 116.3
97 44.8 32.0 48.0
132 28.1 20.9 31.3

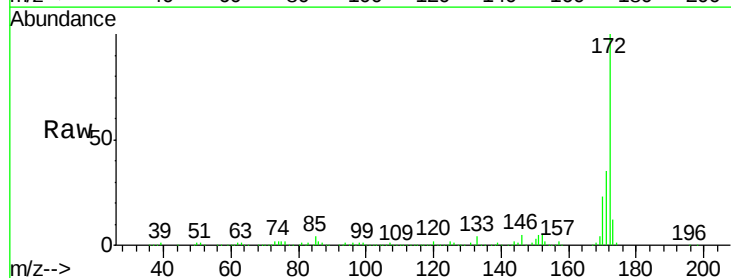


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

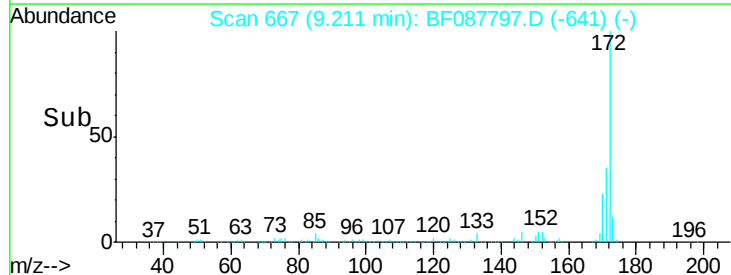
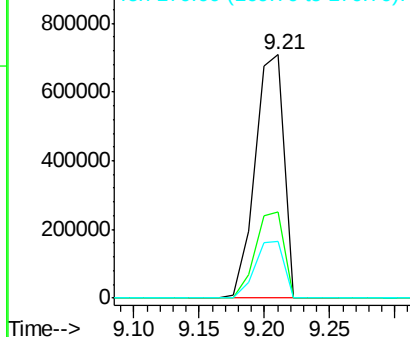


#44
2-Fluorobiphenyl
Concen: 83.24 ng
RT: 9.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion:172 Resp: 1089990
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.3 19.2 28.8



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

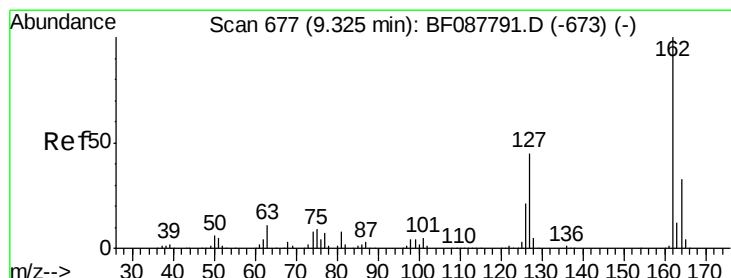
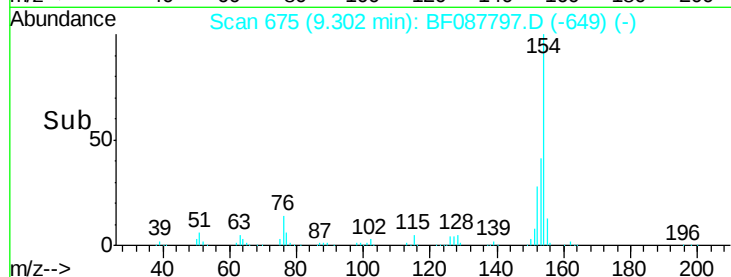
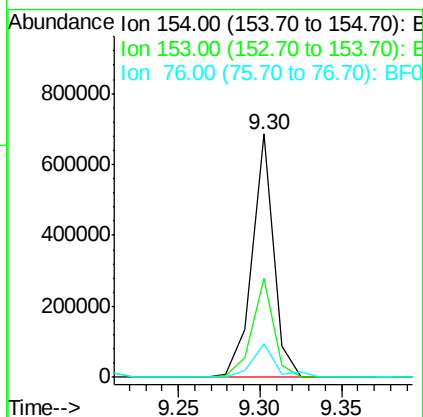
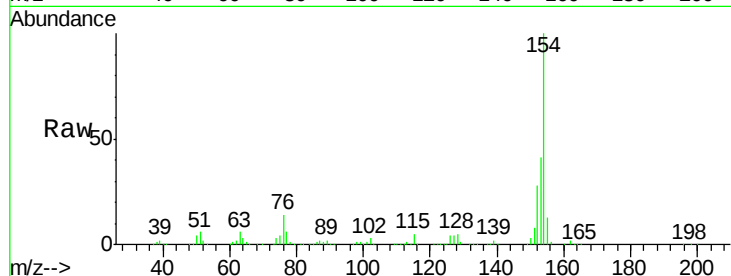




#45
 1,1'-Biphenyl
 Concen: 40.21 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

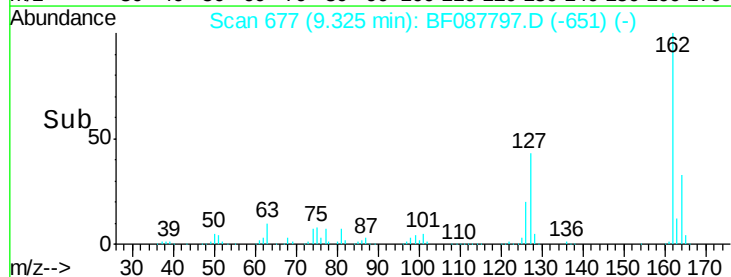
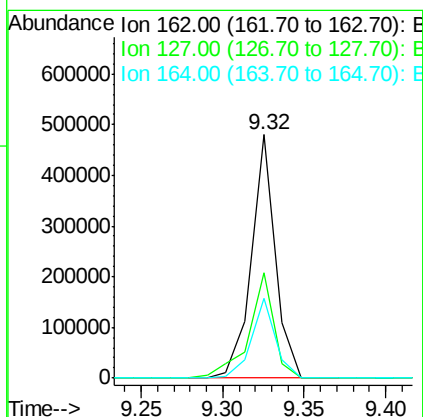
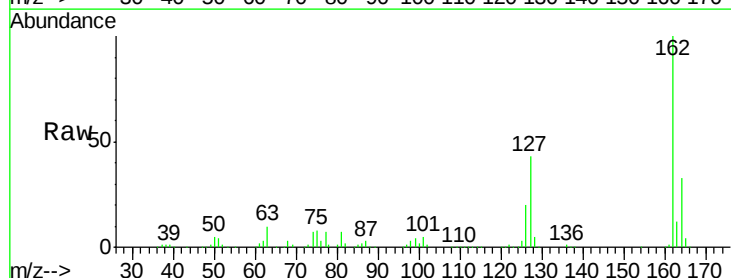
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

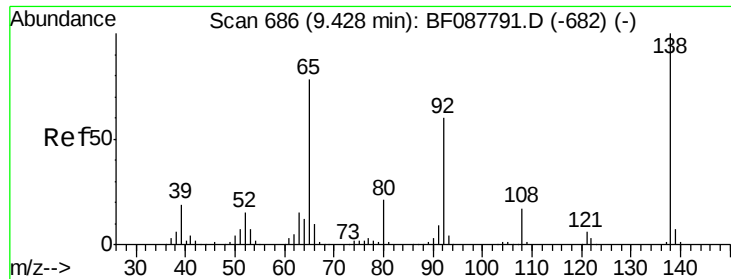
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	13.6	0.0	35.1



#46
 2-Chloronaphthalene
 Concen: 36.73 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.3	35.2	52.8
164	33.0	26.6	39.8

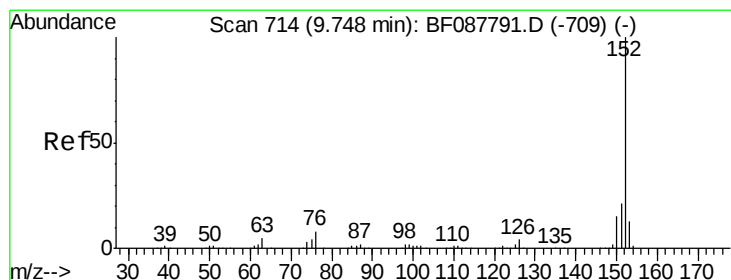
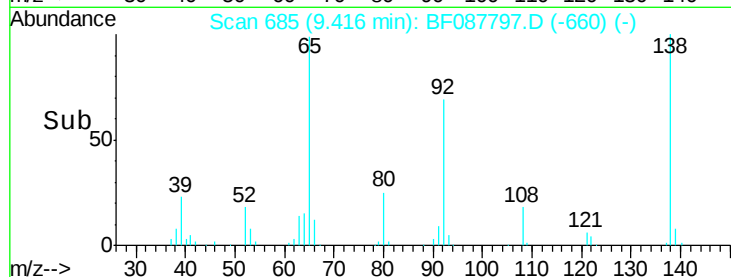
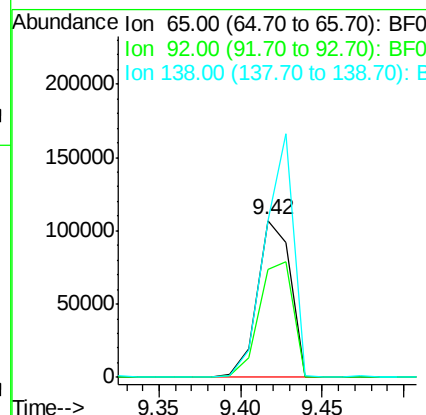
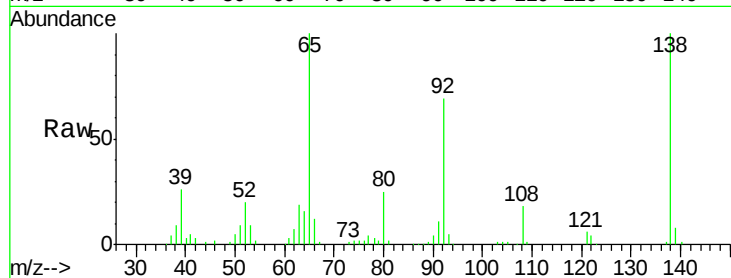




#47
 2-Nitroaniline
 Concen: 38.82 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

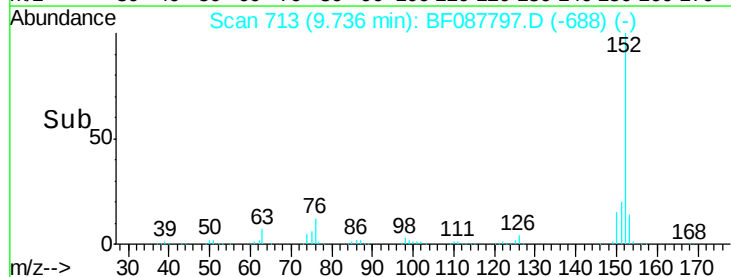
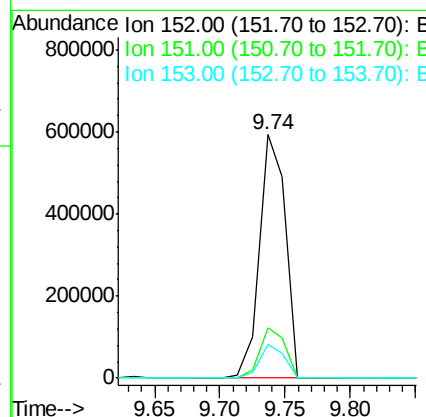
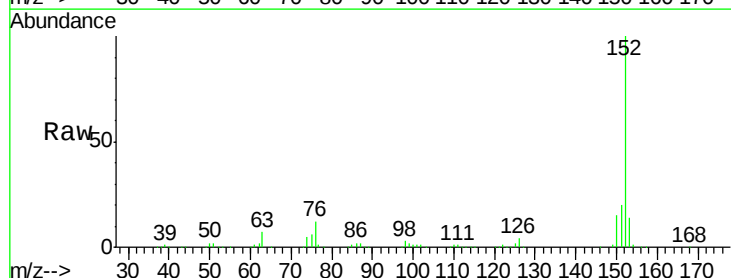
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

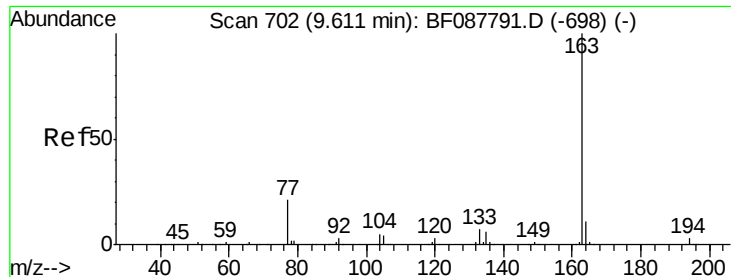
Tgt Ion:	65	Resp:	152223
Ion	Ratio	Lower	Upper
65	100		
92	68.8	54.6	82.0
138	99.7	77.0	115.4



#48
 Acenaphthylene
 Concen: 38.74 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:	152	Resp:	819130
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.7	11.0	16.6





#49

Dimethylphthalate

Concen: 43.79 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

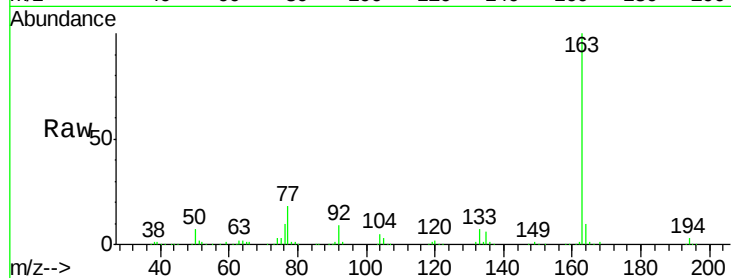
Tgt Ion:163 Resp: 651564

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

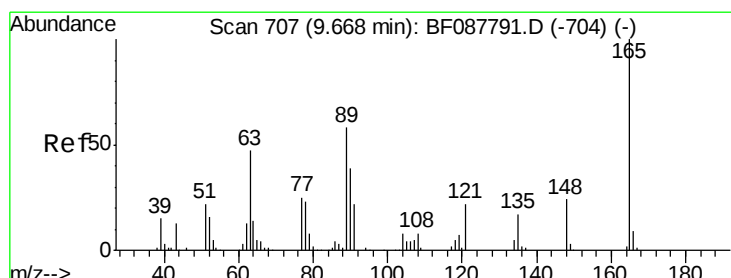
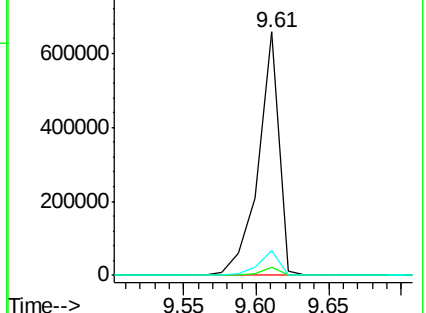
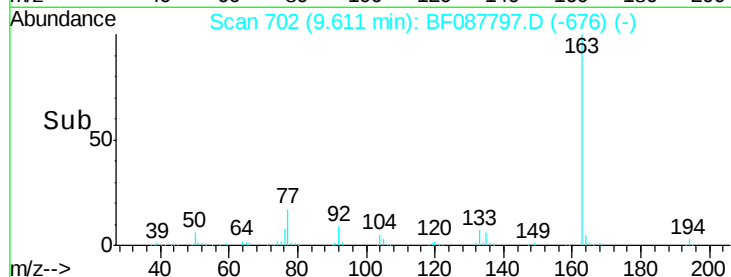
164 10.2 8.3 12.5



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: 45.25 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

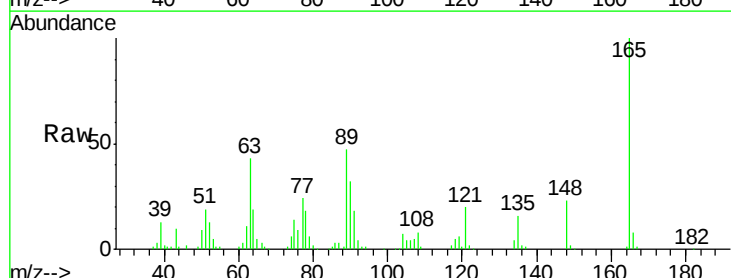
Tgt Ion:165 Resp: 154203

Ion Ratio Lower Upper

165 100

63 43.5 28.1 42.1#

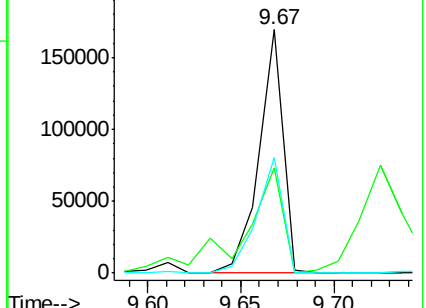
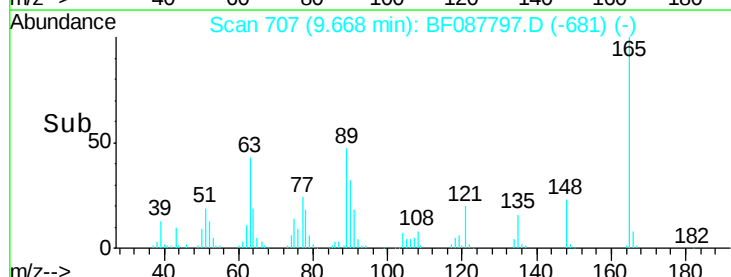
89 47.4 32.2 48.2

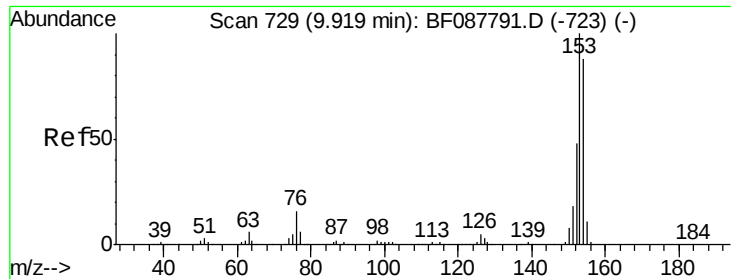


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

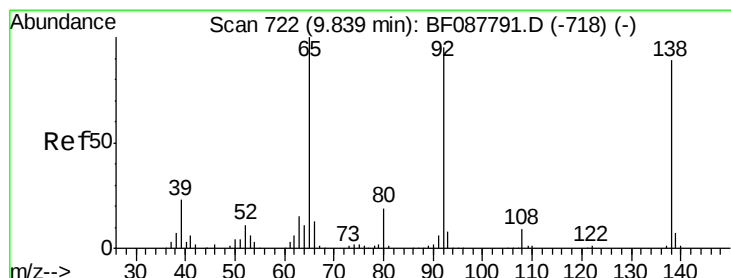
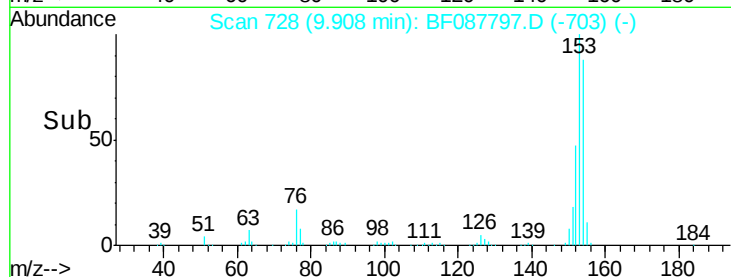
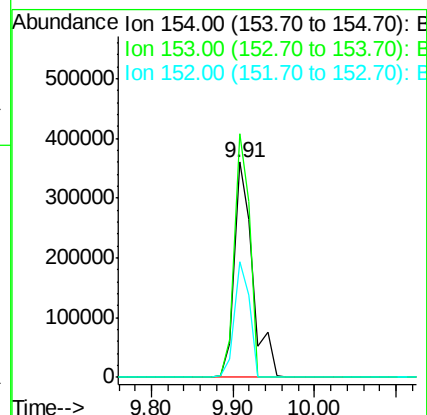
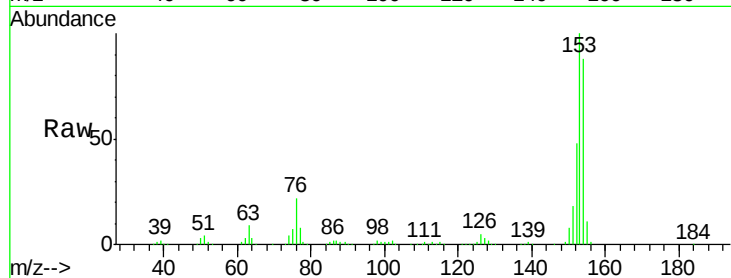




#51
Acenaphthene
Concen: 42.47 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

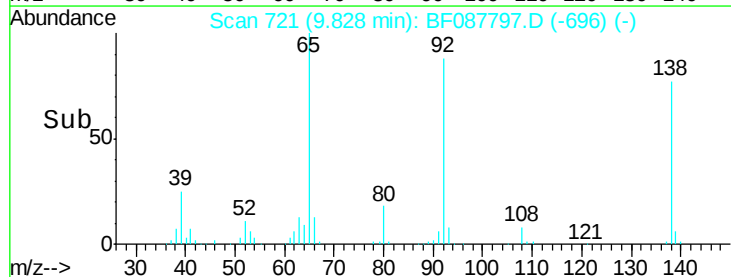
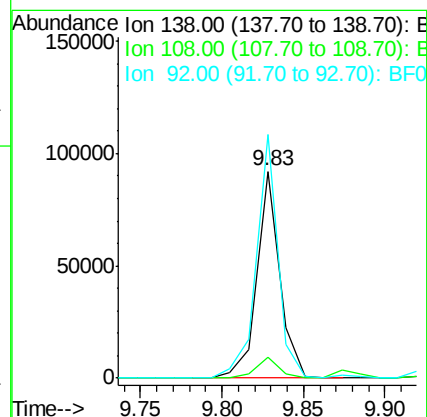
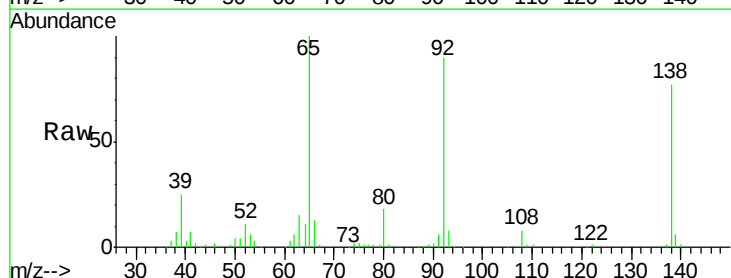
Instrument :
BNA_F
ClientSampleId :
PB91075BS

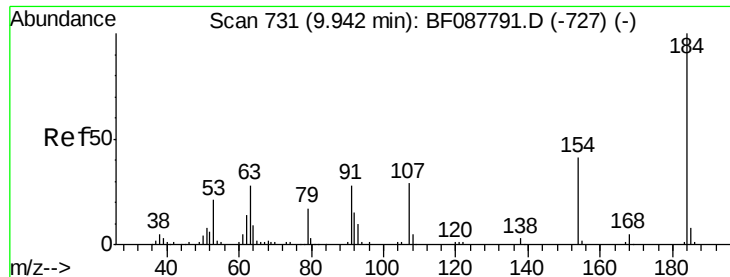
Tgt Ion:154 Resp: 560146
Ion Ratio Lower Upper
154 100
153 113.2 89.5 134.3
152 53.8 42.7 64.1



#52
3-Nitroaniline
Concen: 22.79 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion:138 Resp: 89604
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 117.9 95.7 143.5

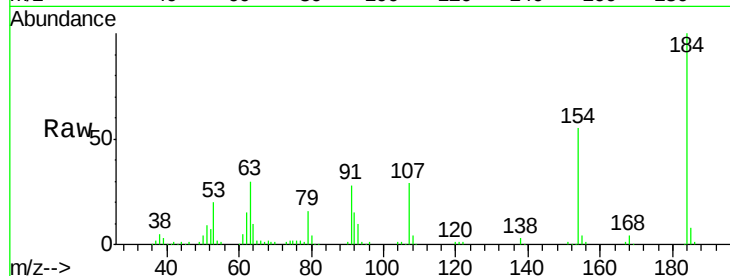




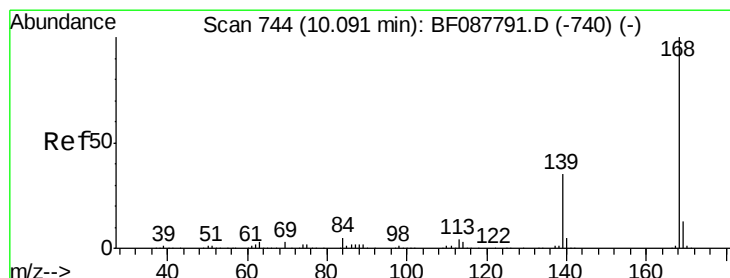
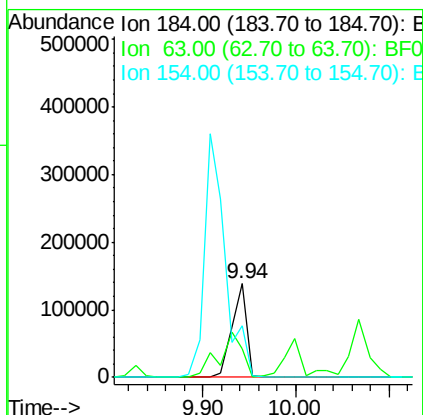
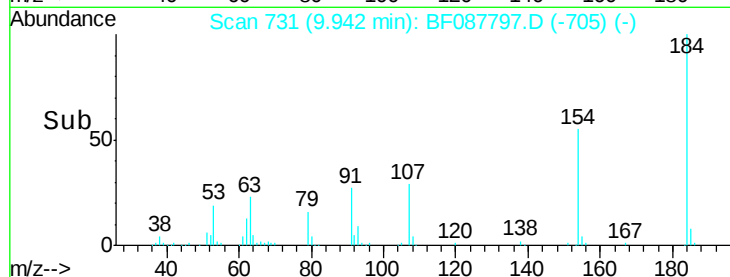
#53
 2,4-Dinitrophenol
 Concen: 82.30 ng
 RT: 9.94 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:184 Resp: 154859
 Ion Ratio Lower Upper
 184 100
 63 30.2 57.6 86.4#
 154 55.0 53.5 80.3

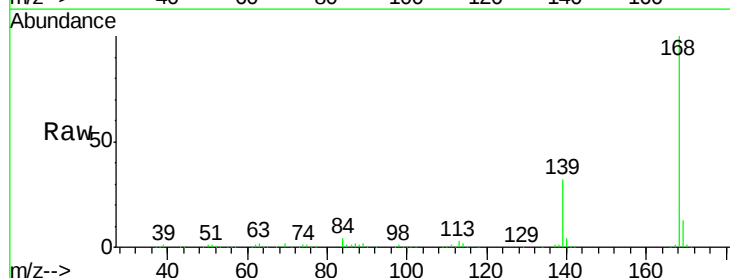


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

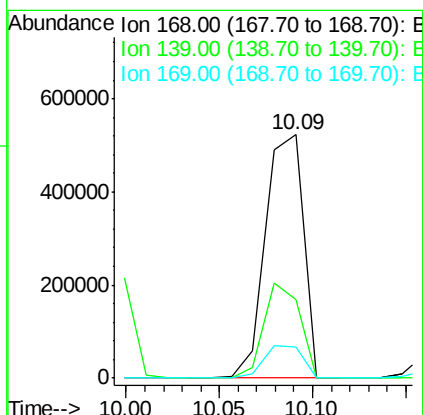
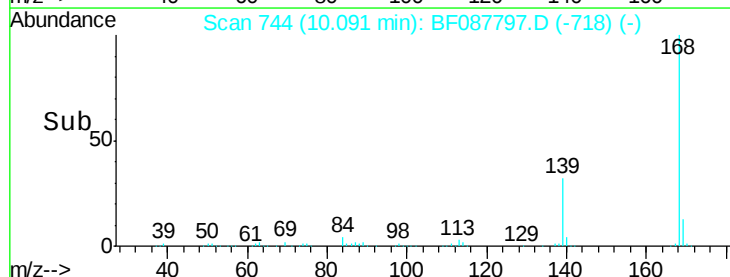


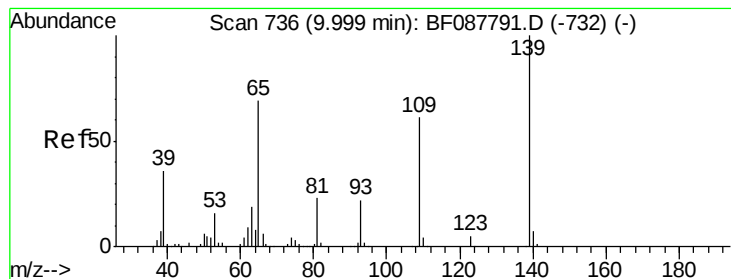
#54
 Dibenzofuran
 Concen: 40.60 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:168 Resp: 737506
 Ion Ratio Lower Upper
 168 100
 139 32.2 26.4 39.6
 169 13.0 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 77.28 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

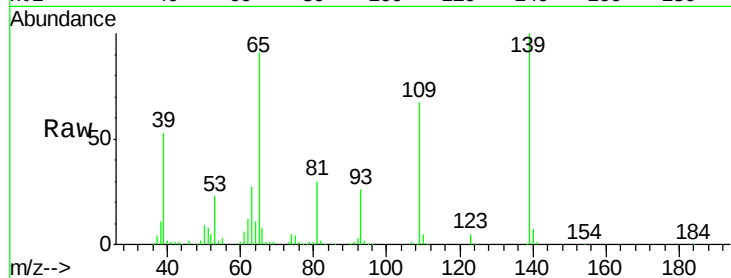
Tgt Ion:139 Resp: 235863

Ion Ratio Lower Upper

139 100

109 67.2 48.9 88.9

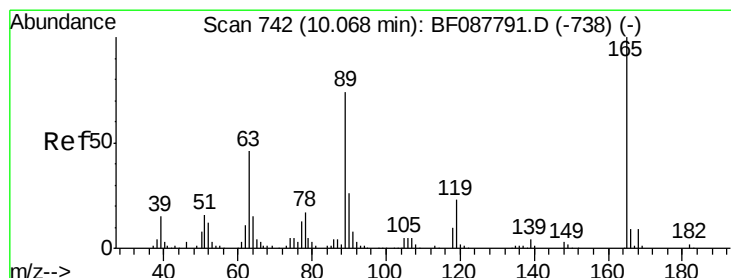
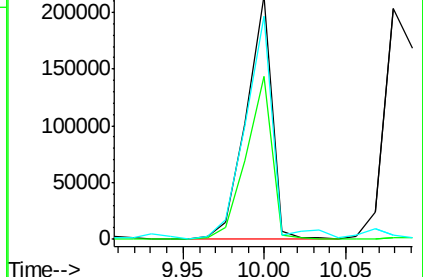
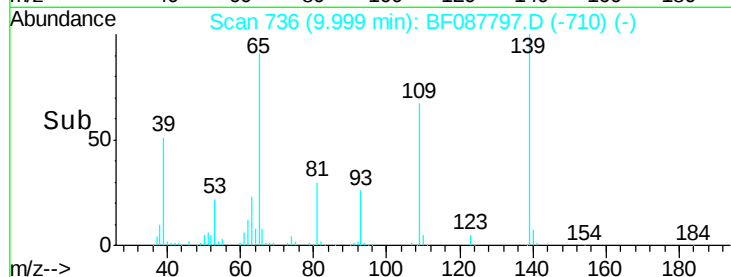
65 91.4 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.45 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Tgt Ion:165 Resp: 194640

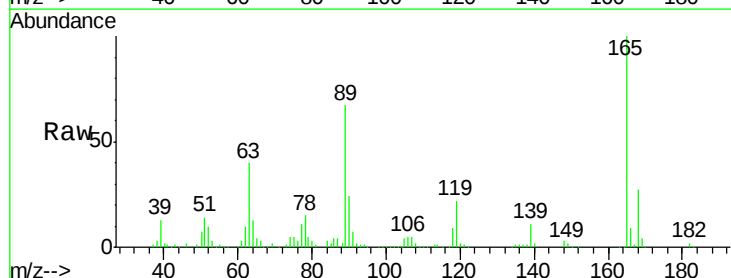
Ion Ratio Lower Upper

165 100

63 39.7 22.0 33.0#

89 67.1 41.1 61.7#

182 2.3 2.0 3.0

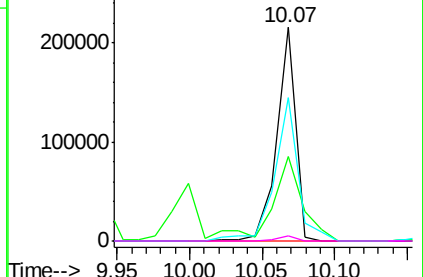
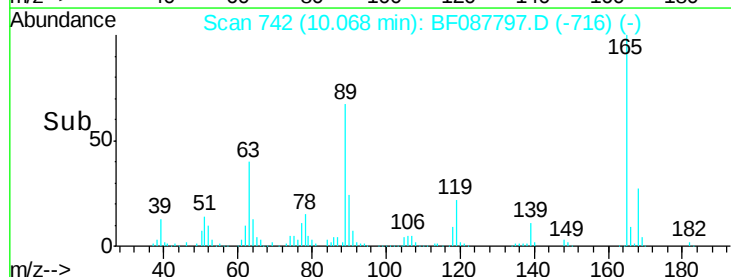


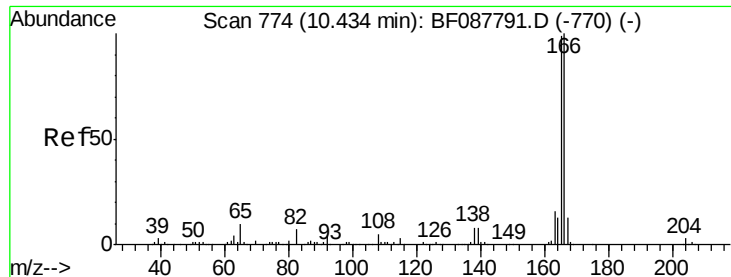
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

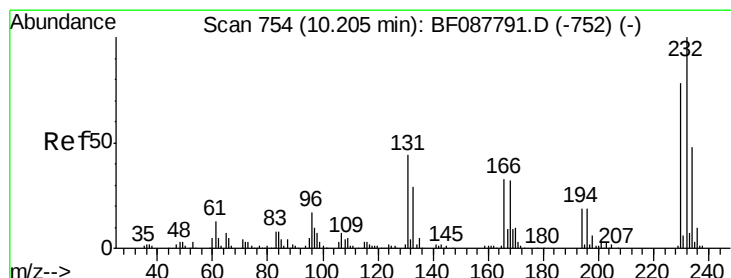
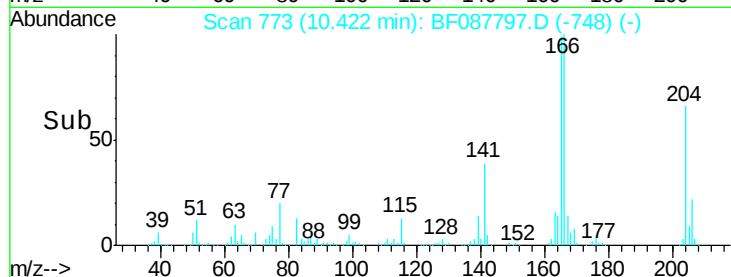
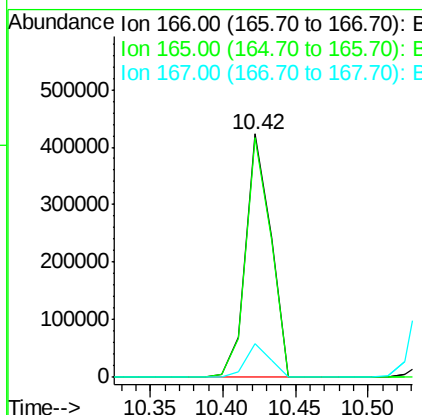
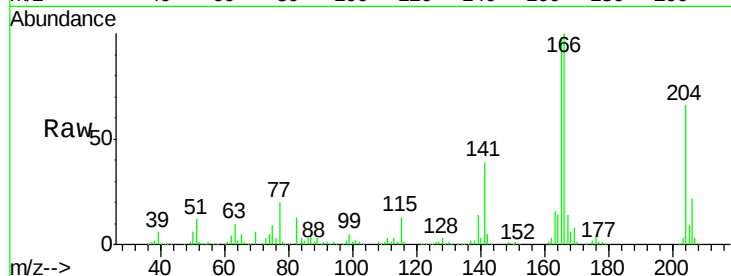




#57
Fluorene
 Concen: 41.06 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

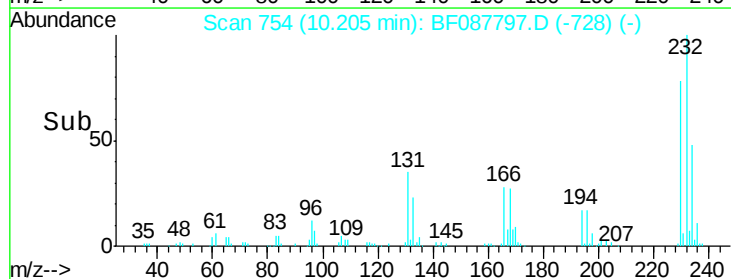
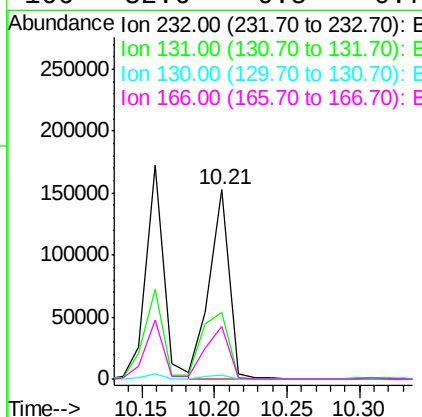
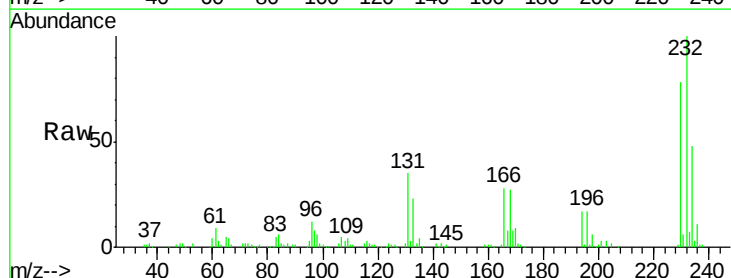
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

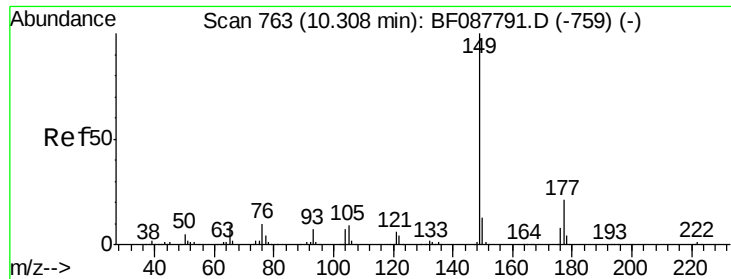
Tgt Ion:166 Resp: 509239
 Ion Ratio Lower Upper
 166 100
 165 98.5 77.8 116.8
 167 14.1 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.51 ng
 RT: 10.21 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:232 Resp: 146135
 Ion Ratio Lower Upper
 232 100
 131 47.0 0.9 1.3#
 130 2.3 1.5 2.3#
 166 32.6 0.5 0.7#

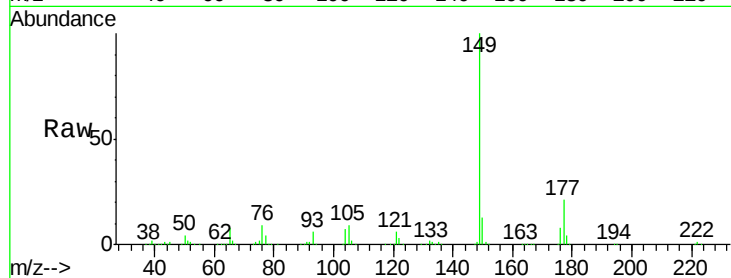




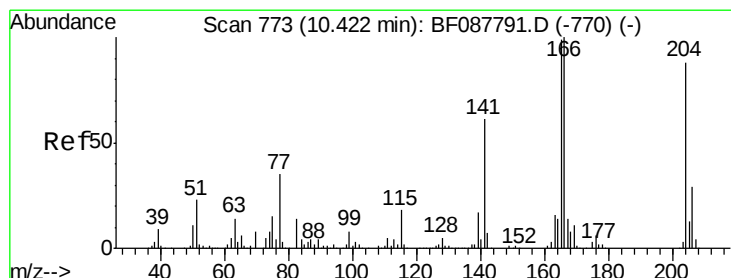
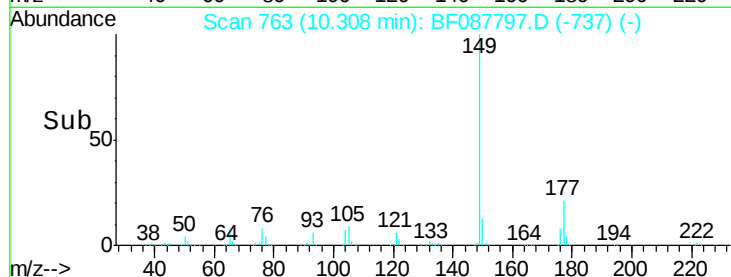
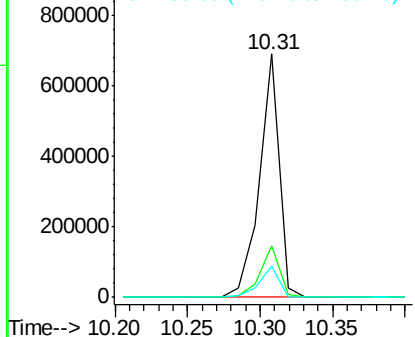
#59
Diethylphthalate
Concen: 43.16 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
PB91075BS

Tgt Ion:149 Resp: 650094
Ion Ratio Lower Upper
149 100
177 21.3 16.9 25.3
150 12.6 10.1 15.1

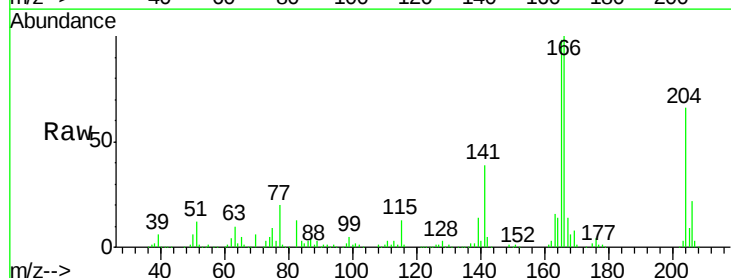


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

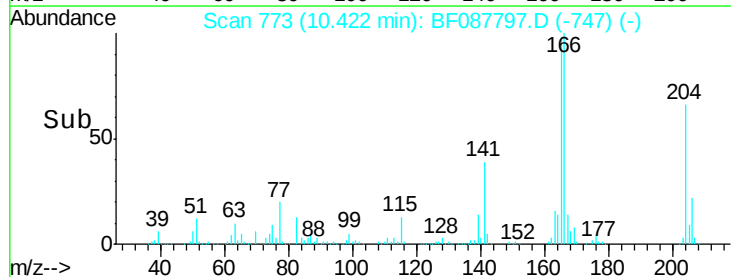
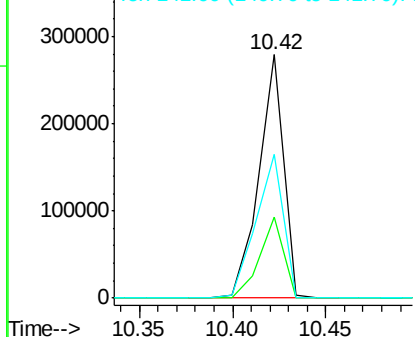


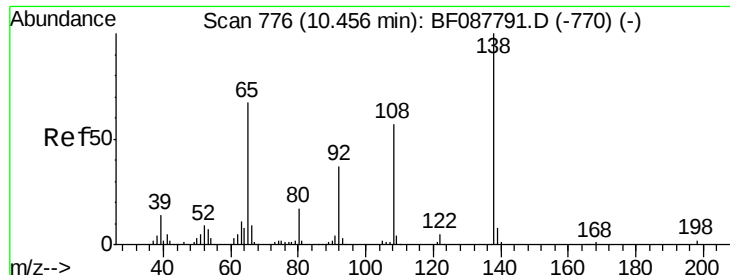
#60
4-Chlorophenyl-phenylether
Concen: 42.03 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion:204 Resp: 253920
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 59.0 55.0 82.6



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

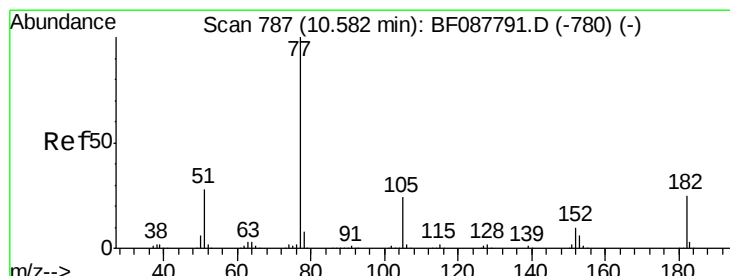
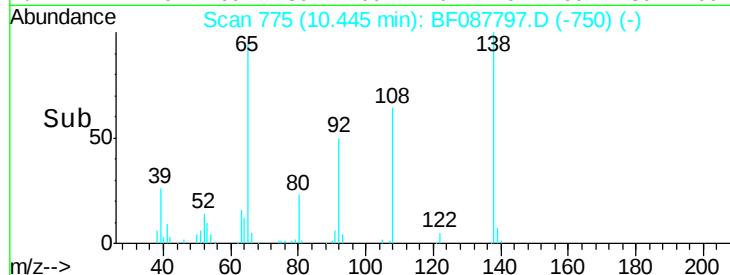
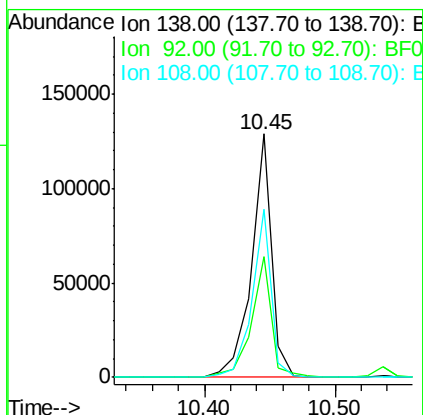
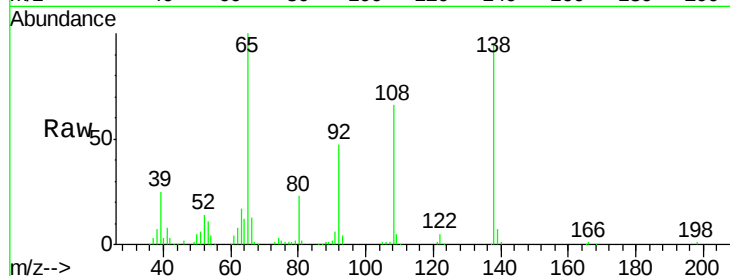




#61
4-Nitroaniline
Concen: 37.18 ng
RT: 10.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

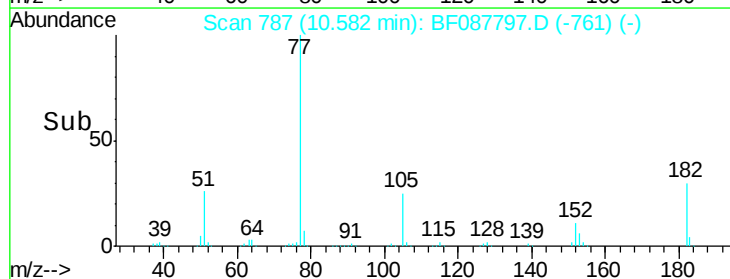
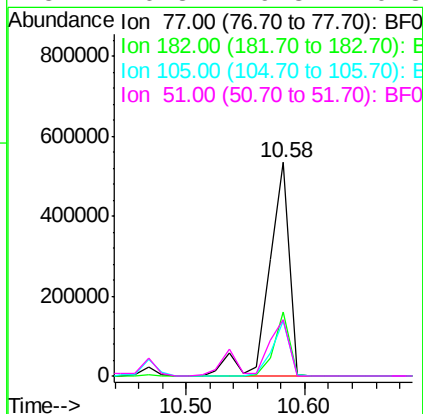
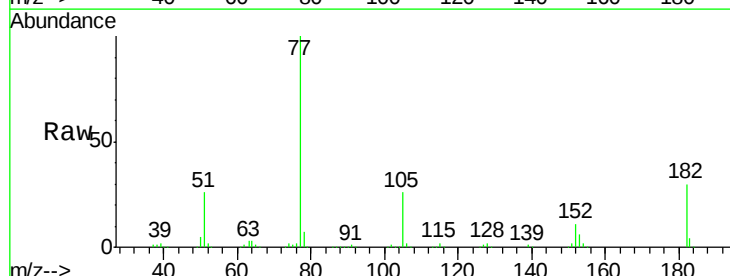
Instrument :
BNA_F
ClientSampleId :
PB91075BS

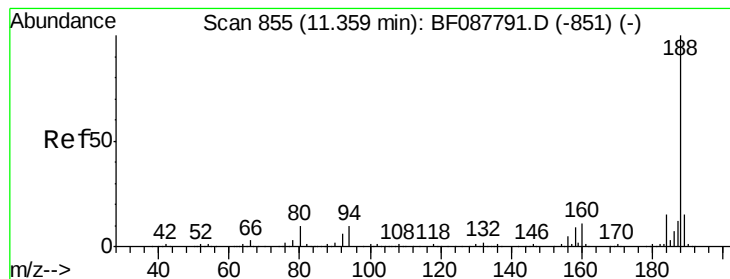
Tgt Ion: 138 Resp: 138667
Ion Ratio Lower Upper
138 100
92 49.8 27.3 67.3
108 69.0 46.7 86.7



#62
Azobenzene
Concen: 43.05 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion: 77 Resp: 641189
Ion Ratio Lower Upper
77 100
182 30.2 4.4 44.4
105 25.6 3.8 43.8
51 26.3 9.3 49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

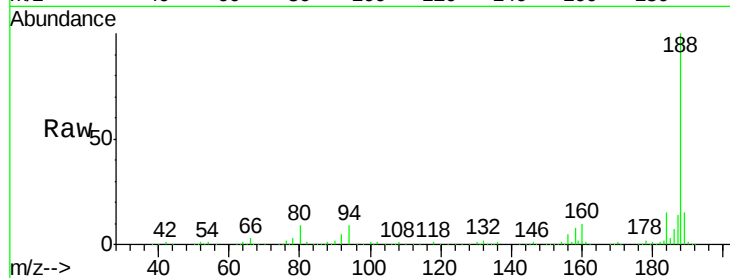
Tgt Ion:188 Resp: 392625

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.6#

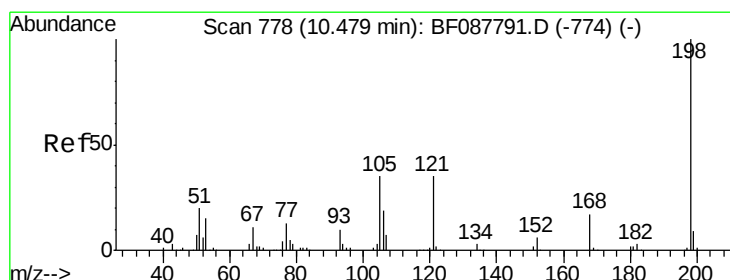
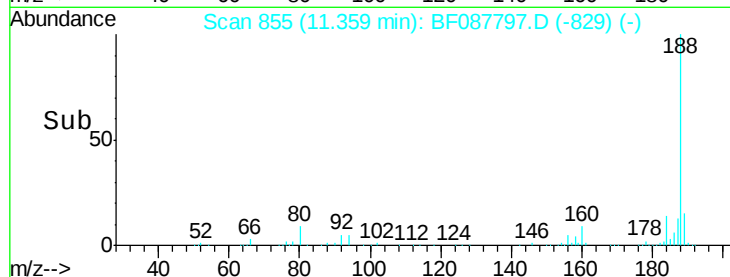
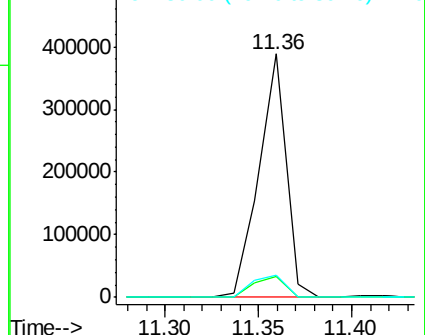
80 9.0 10.0 15.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.20 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

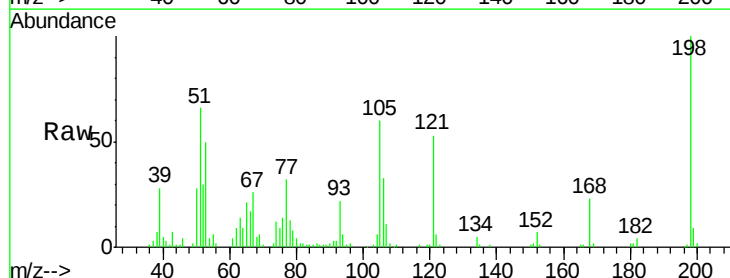
Tgt Ion:198 Resp: 89946

Ion Ratio Lower Upper

198 100

51 65.7 39.6 79.6

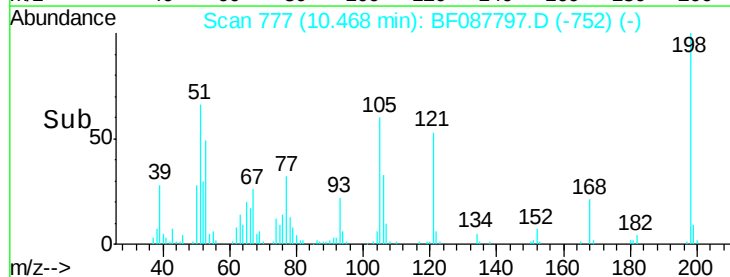
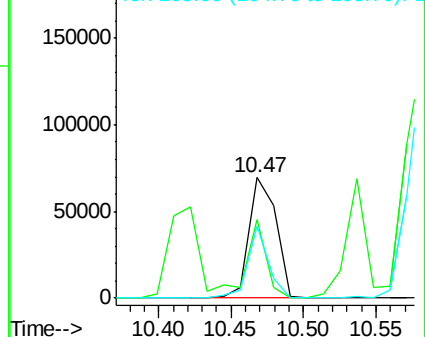
105 60.0 36.6 76.6

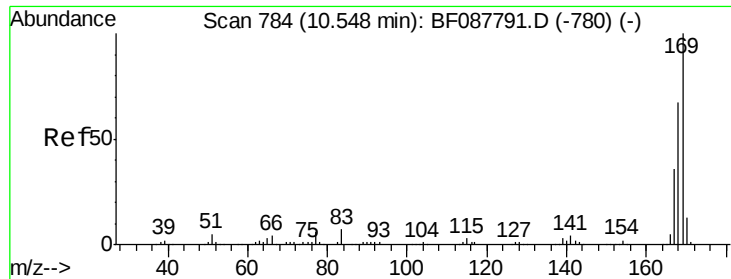


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

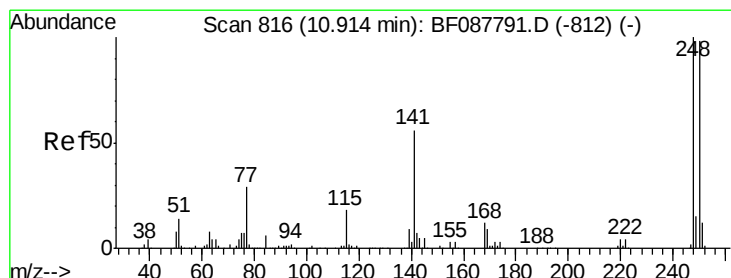
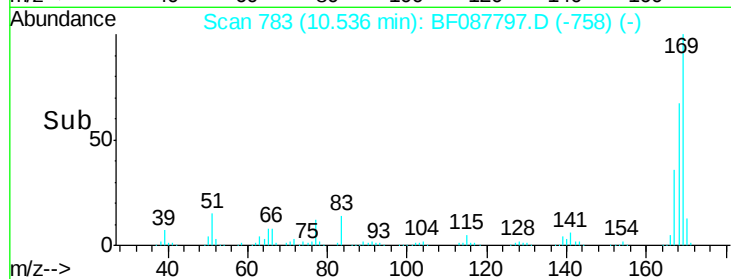
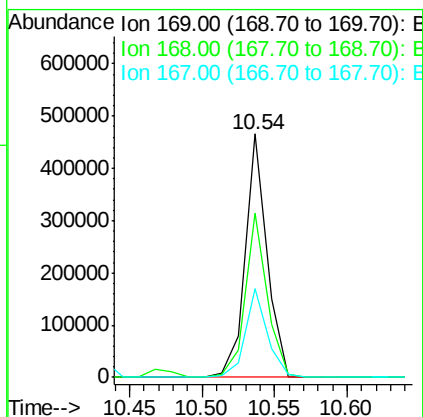
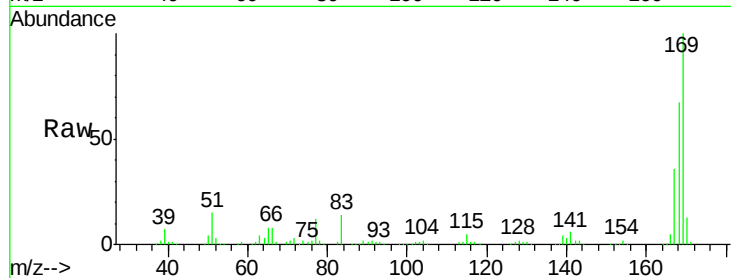




#65
 n-Nitrosodiphenylamine
 Concen: 37.12 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

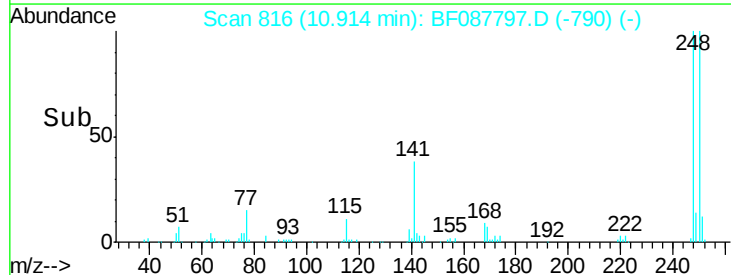
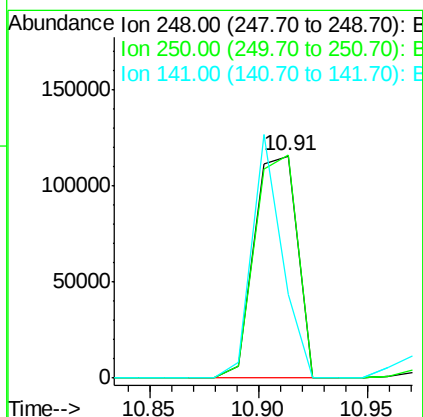
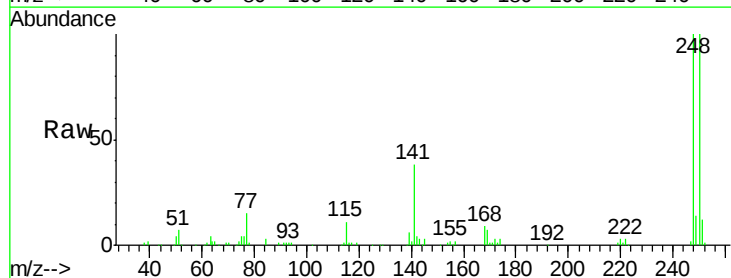
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:169 Resp: 483606
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.4 80.0
 167 36.2 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 38.00 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:248 Resp: 160044
 Ion Ratio Lower Upper
 248 100
 250 100.3 77.1 115.7
 141 37.7 50.6 76.0#





#67

Hexachlorobenzene

Concen: 40.53 ng

RT: 10.97 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

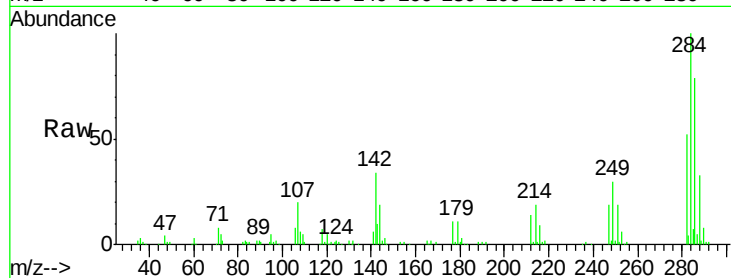
Tgt Ion:284 Resp: 177376

Ion Ratio Lower Upper

284 100

142 33.6 35.8 53.8#

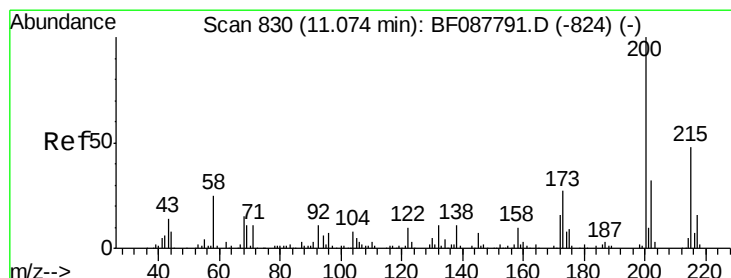
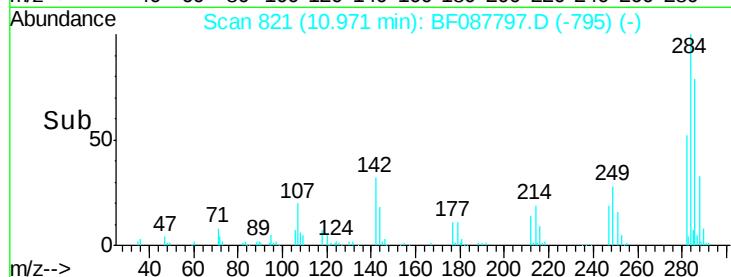
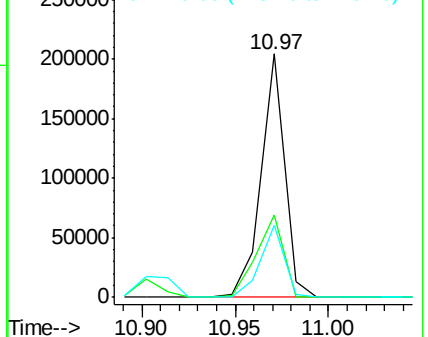
249 29.5 25.8 38.6



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: 36.68 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

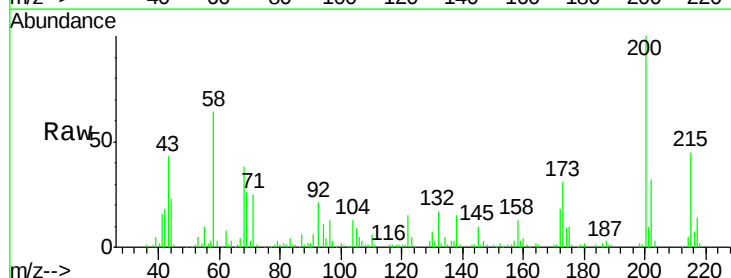
Tgt Ion:200 Resp: 144699

Ion Ratio Lower Upper

200 100

173 31.0 4.0 44.0

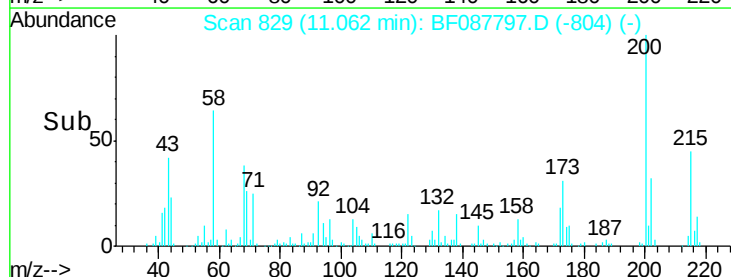
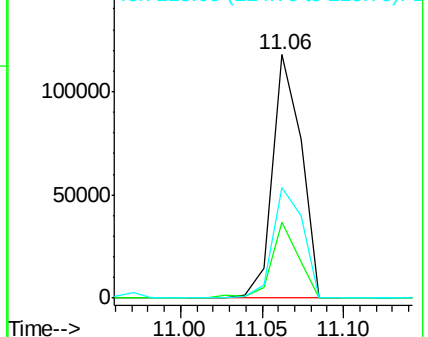
215 45.3 29.3 69.3

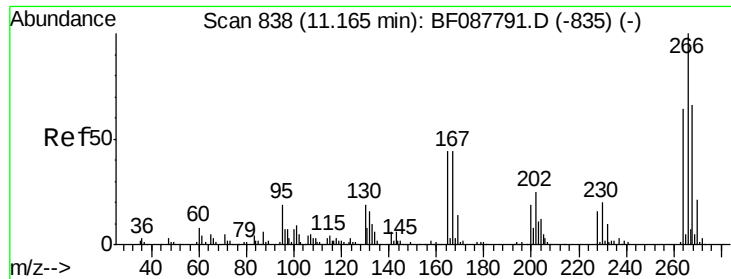


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

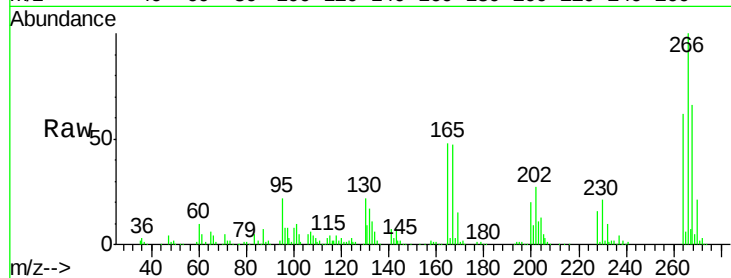




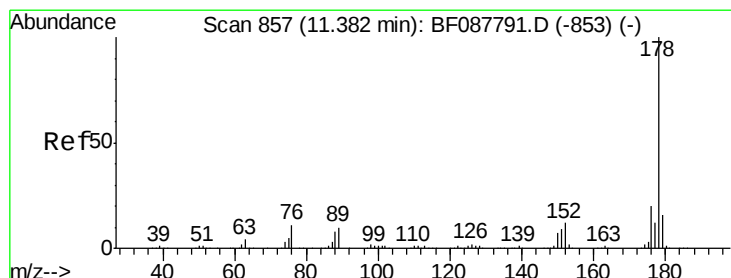
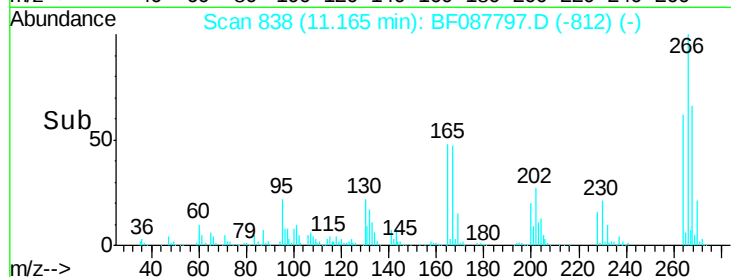
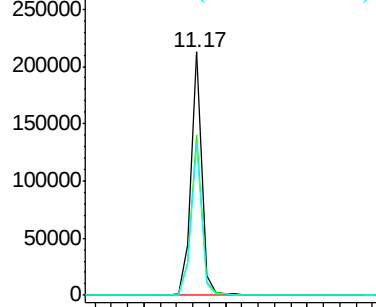
#69
 Pentachlorophenol
 Concen: 84.29 ng
 RT: 11.17 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:266 Resp: 194449
 Ion Ratio Lower Upper
 266 100
 268 66.0 52.8 79.2
 264 62.4 49.6 74.4

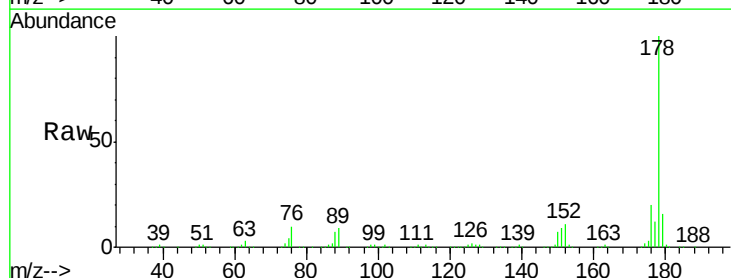


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

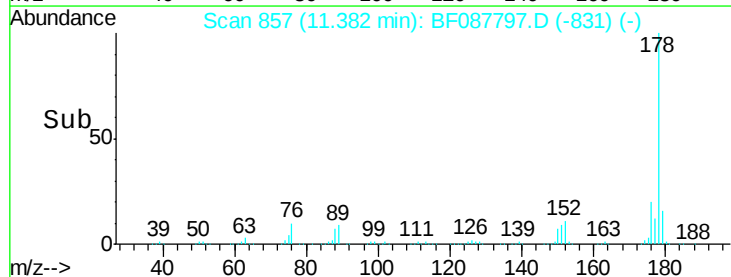
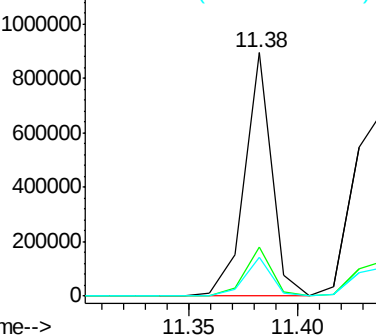


#70
 Phenanthrene
 Concen: 37.96 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:178 Resp: 782030
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 15.9 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

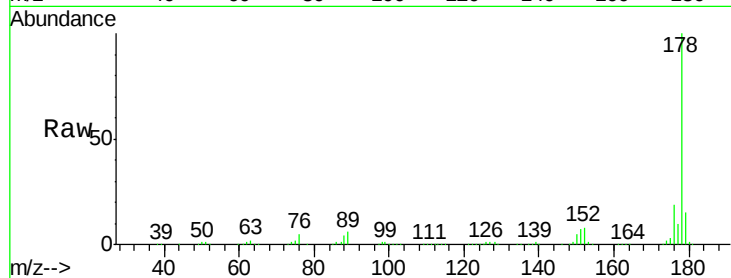




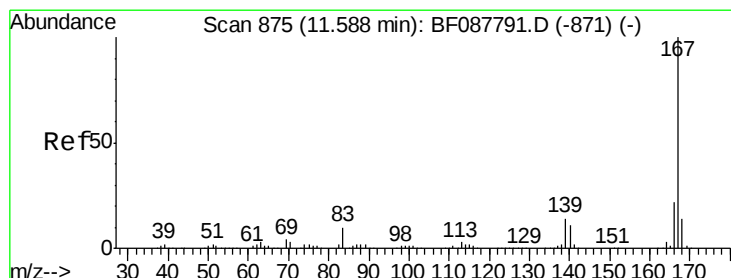
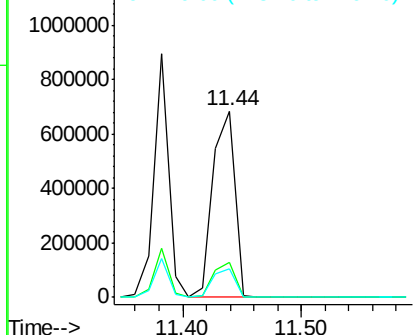
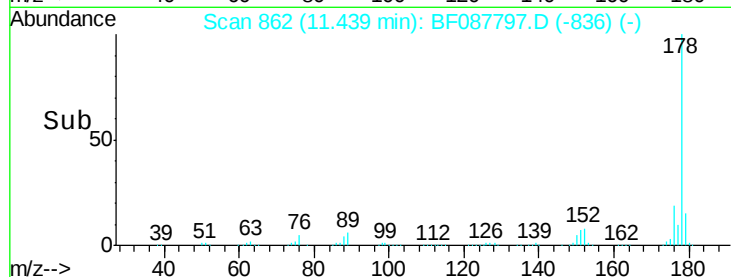
#71
 Anthracene
 Concen: 42.04 ng
 RT: 11.44 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:178 Resp: 873655
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.6 23.4
 179 15.3 12.8 19.2

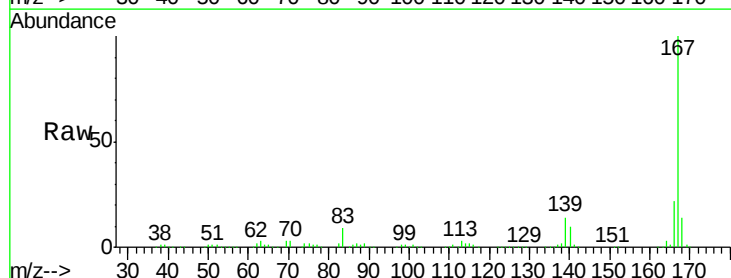


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

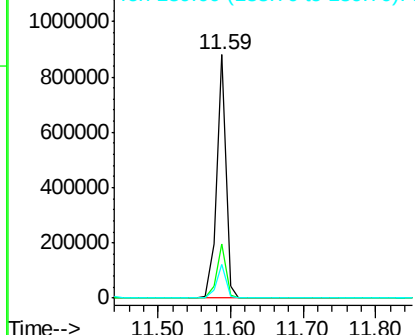
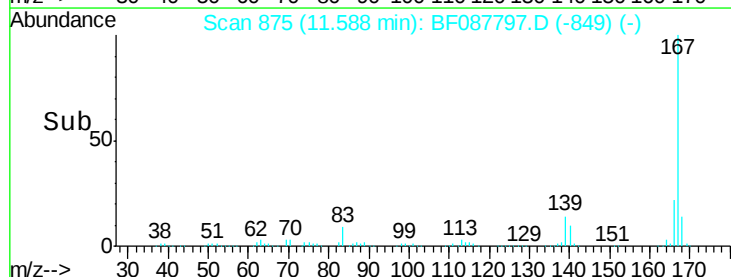


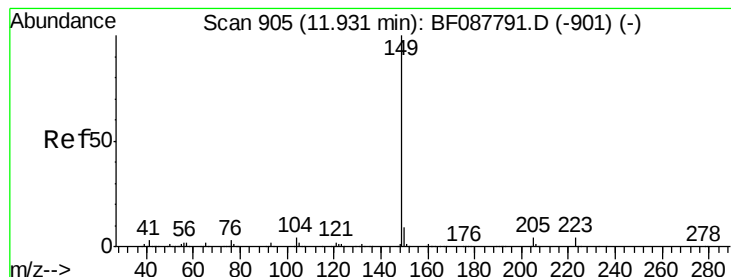
#72
 Carbazole
 Concen: 40.10 ng
 RT: 11.59 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:167 Resp: 779813
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.7 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.56 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

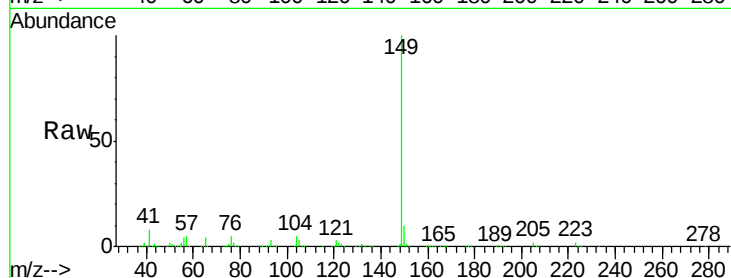
Tgt Ion:149 Resp: 900131

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

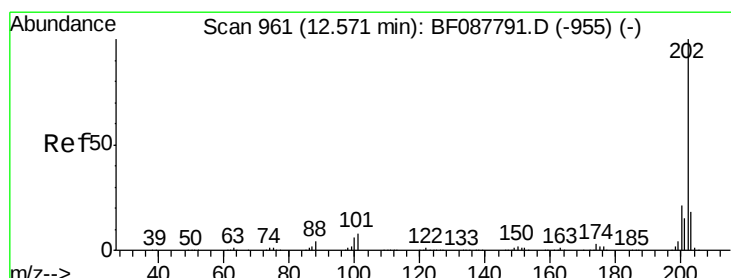
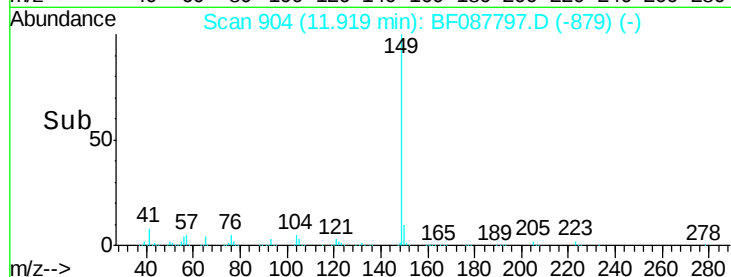
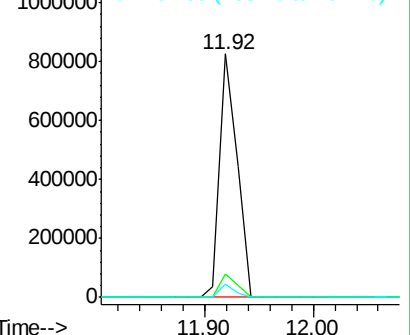
104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.23 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

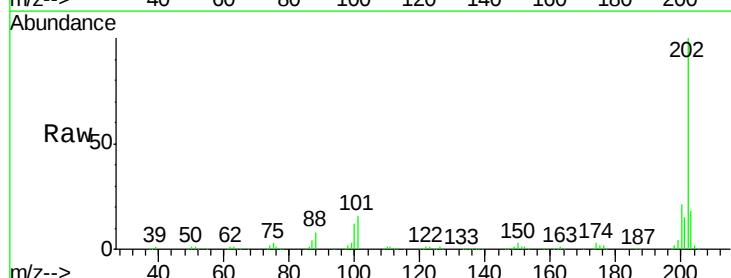
Tgt Ion:202 Resp: 809453

Ion Ratio Lower Upper

202 100

101 15.7 0.0 33.1

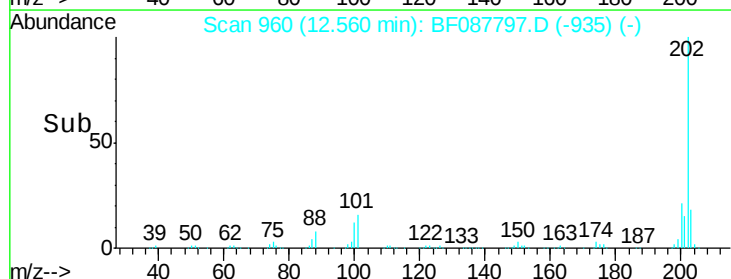
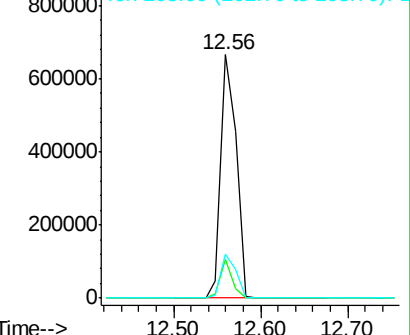
203 18.2 0.0 38.1

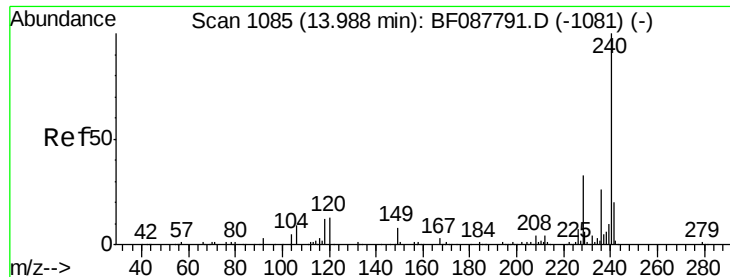


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

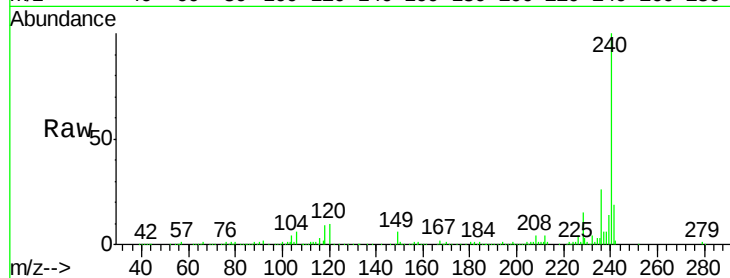
Tgt Ion:240 Resp: 296307

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

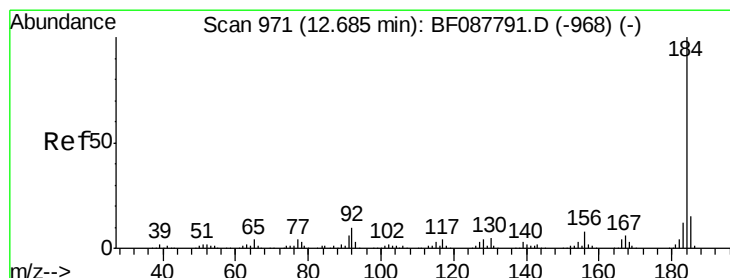
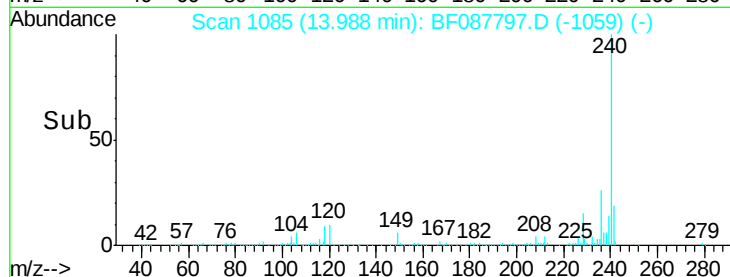
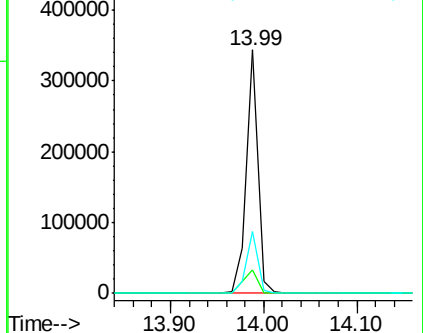
236 25.6 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.98 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

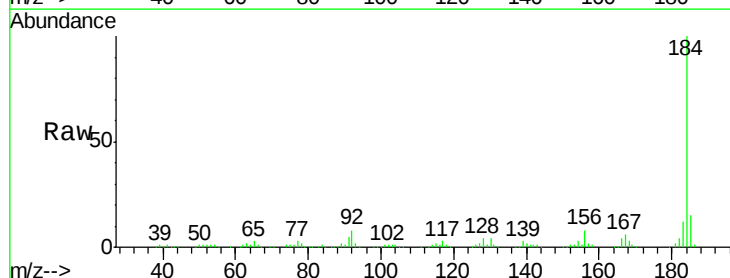
Tgt Ion:184 Resp: 303403

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

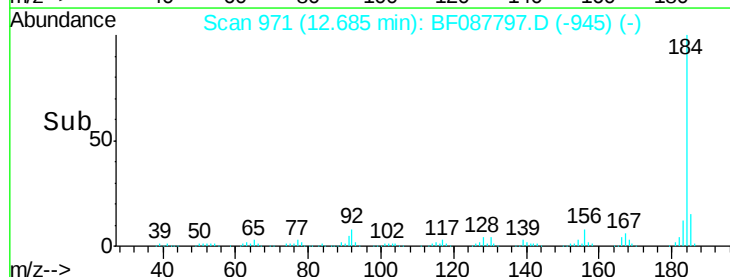
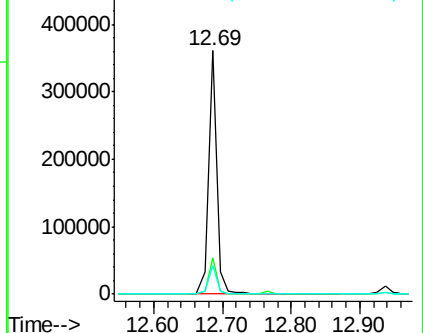
183 11.7 9.3 13.9

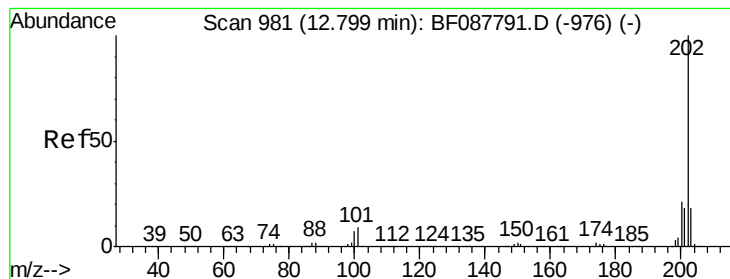


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.56 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

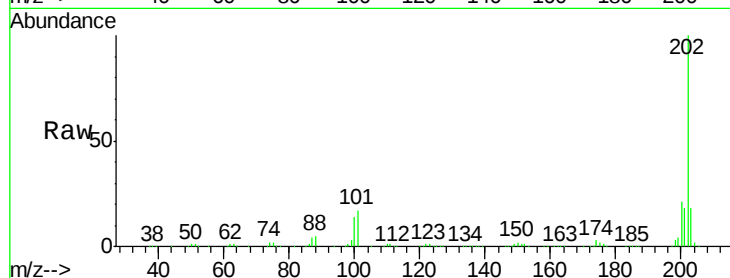
Tgt Ion:202 Resp: 803768

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

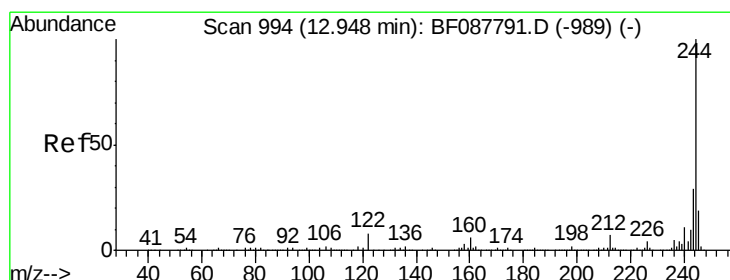
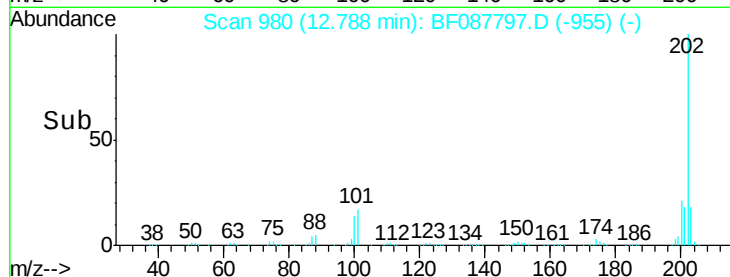
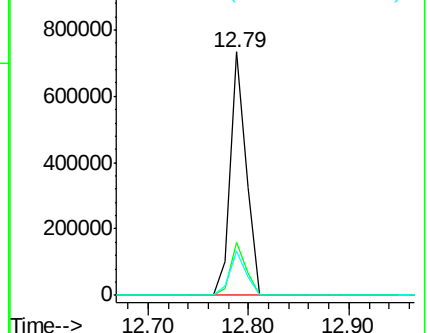
203 18.2 14.5 21.7



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: 68.30 ng

RT: 12.94 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

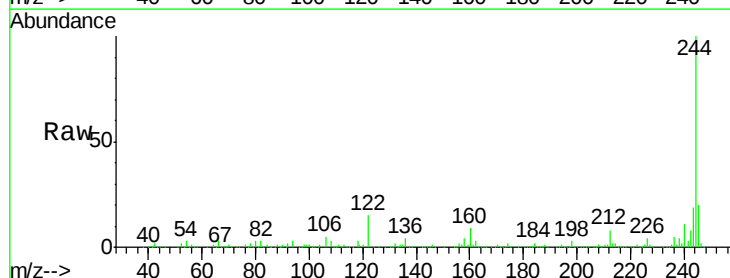
Tgt Ion:244 Resp: 889298

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

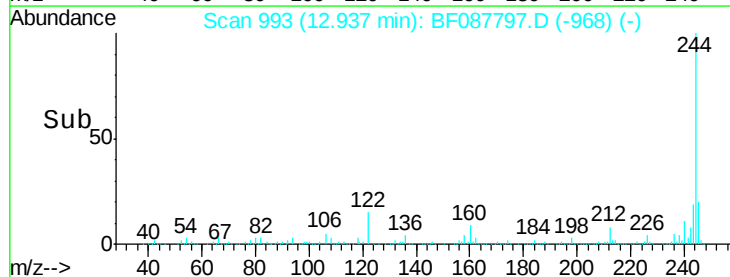
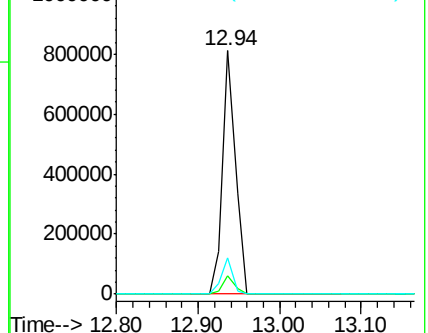
122 14.8 11.2 16.8

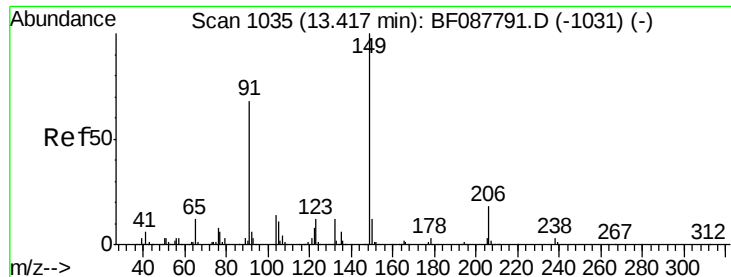


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

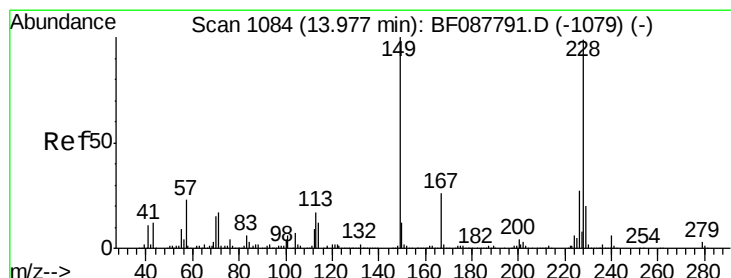
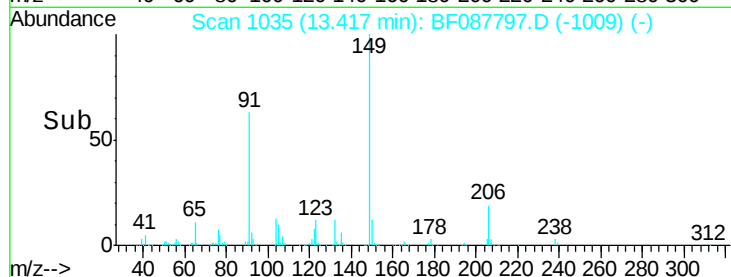
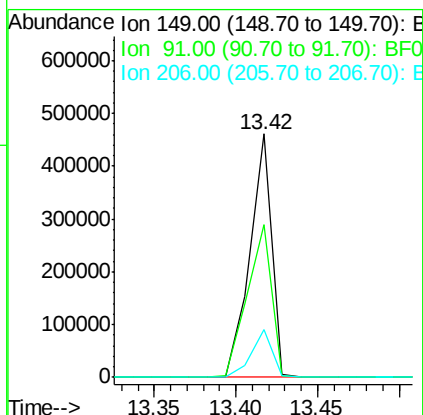
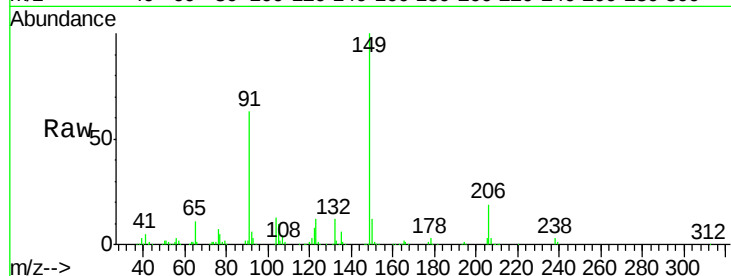




#79
Butylbenzylphthalate
Concen: 44.11 ng
RT: 13.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

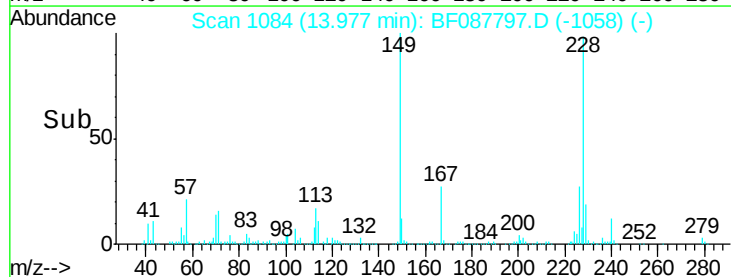
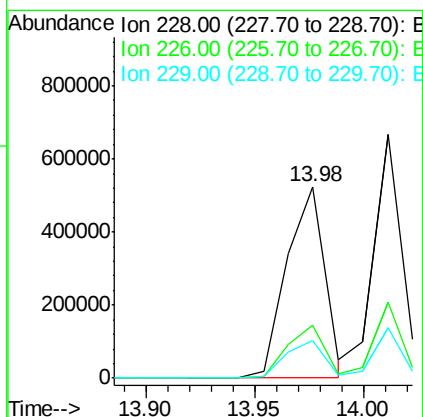
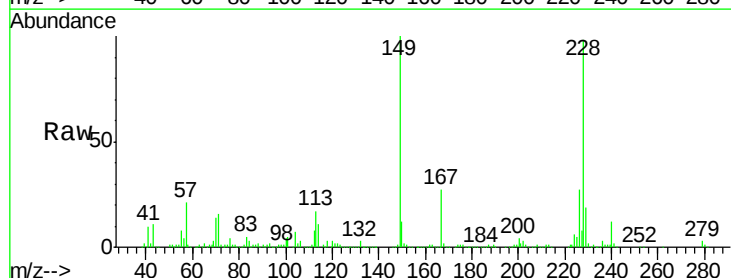
Instrument :
BNA_F
ClientSampleId :
PB91075BS

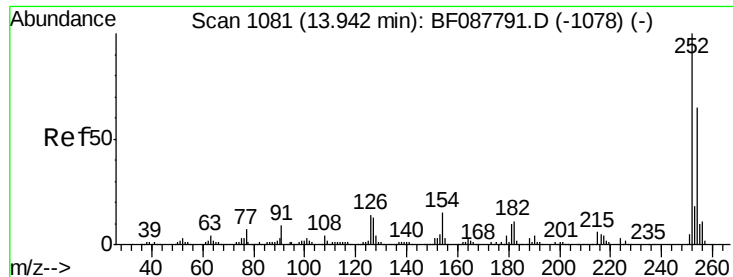
Tgt Ion:149 Resp: 428765
Ion Ratio Lower Upper
149 100
91 62.5 48.0 72.0
206 19.4 16.0 24.0



#80
Benzo(a)anthracene
Concen: 38.04 ng
RT: 13.98 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF087797.D
Acq: 7 Jun 2016 19:24

Tgt Ion:228 Resp: 642359
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.8 16.0 24.0

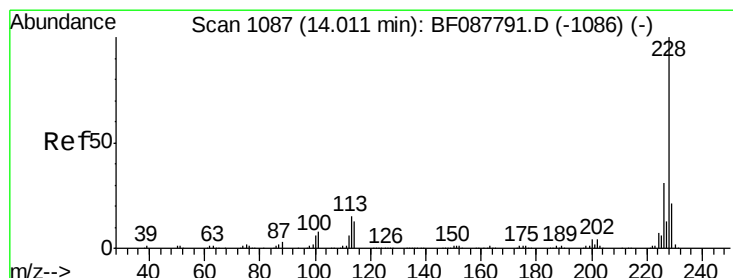
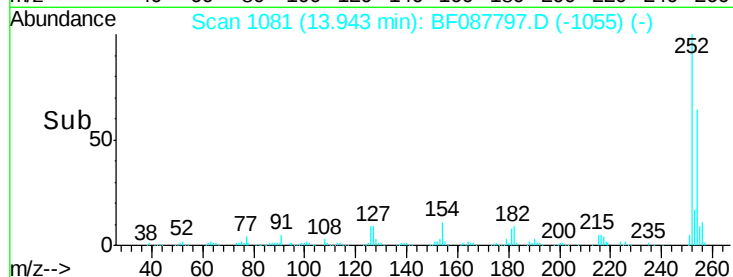
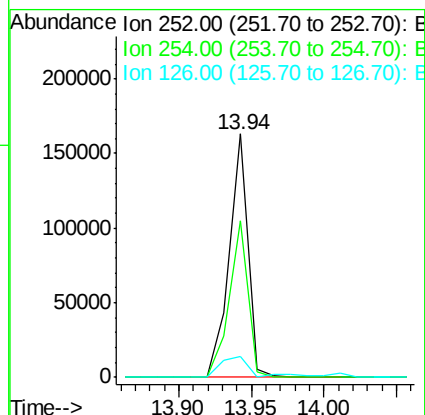
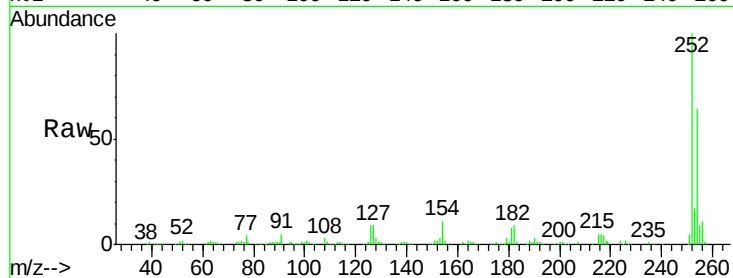




#81
 3,3'-Dichlorobenzidine
 Concen: 32.31 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

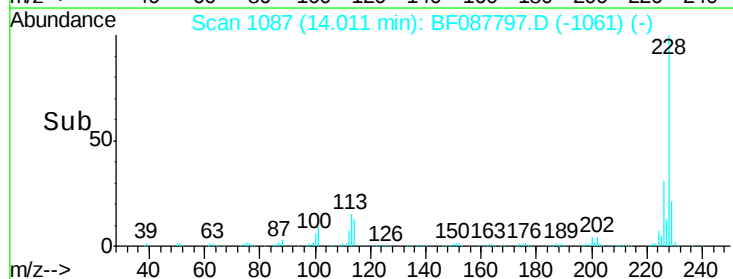
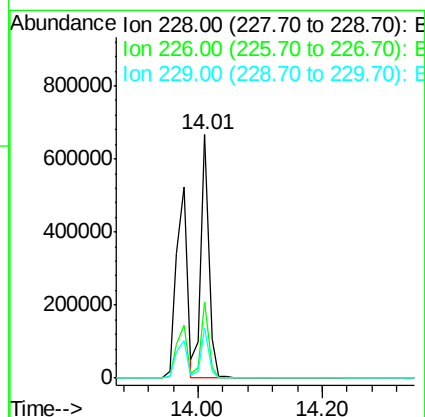
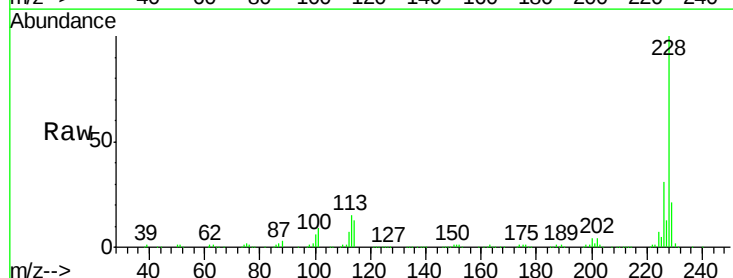
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:252 Resp: 146719
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.6 78.8
 126 8.8 6.2 9.2



#82
 Chrysene
 Concen: 38.44 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:228 Resp: 610604
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.2
 229 20.6 16.3 24.5

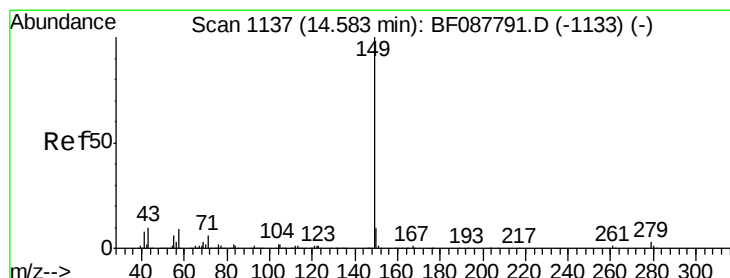
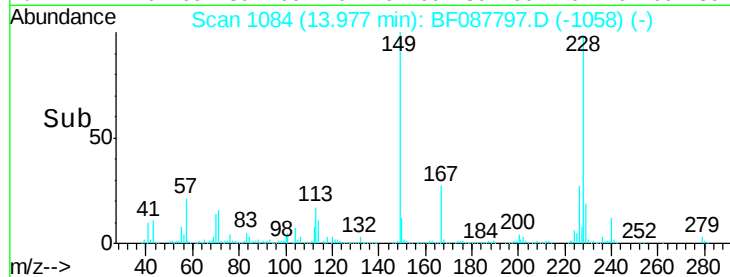
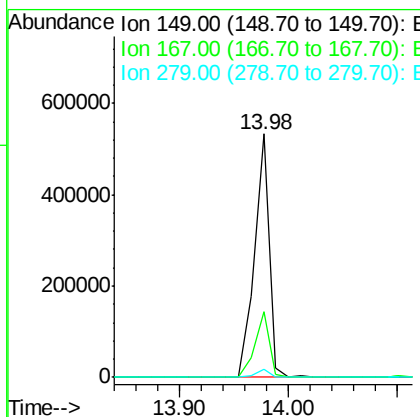
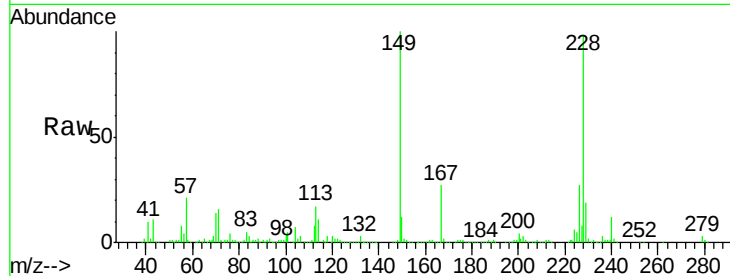




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.75 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

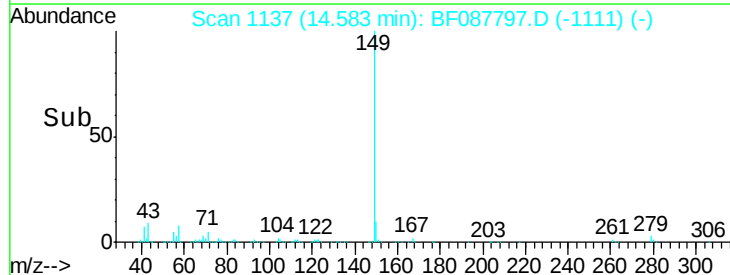
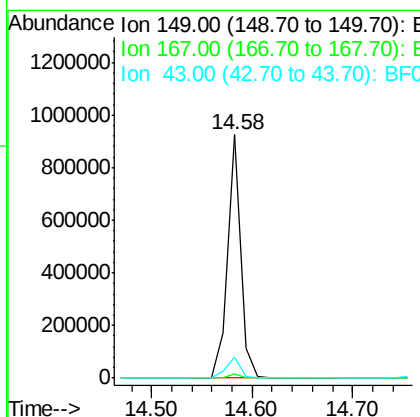
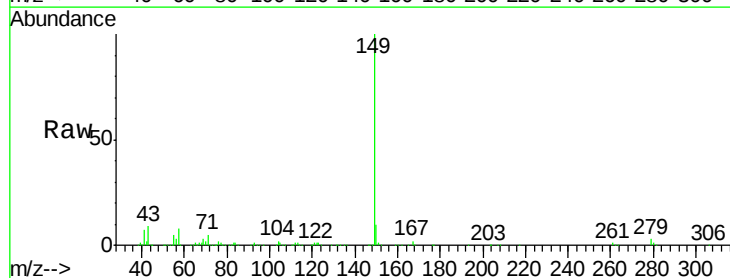
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:149 Resp: 505948
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.5 30.7
 279 3.4 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 43.63 ng
 RT: 14.58 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion:149 Resp: 838870
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.1 0.0 0.0#

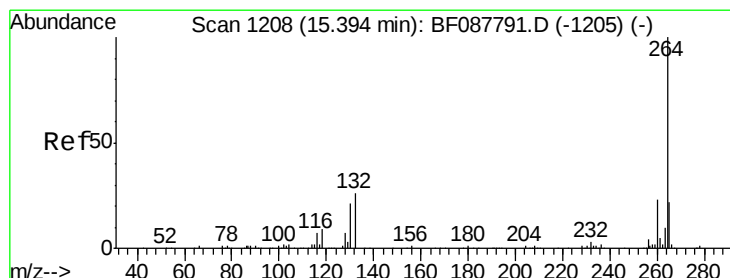
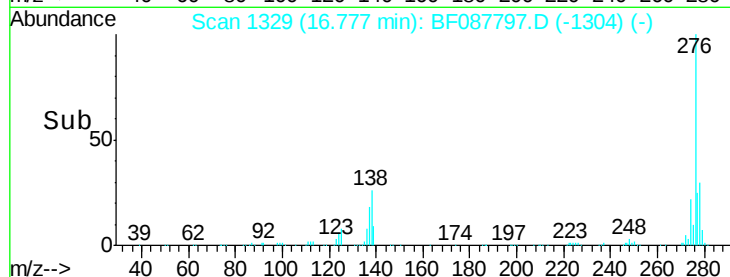
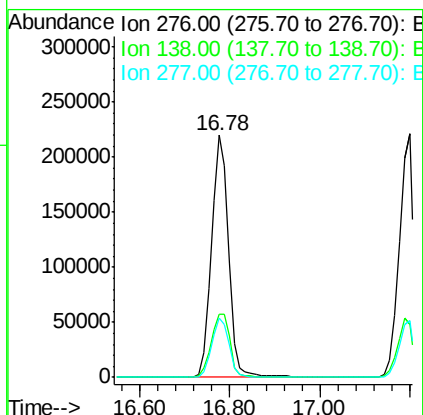
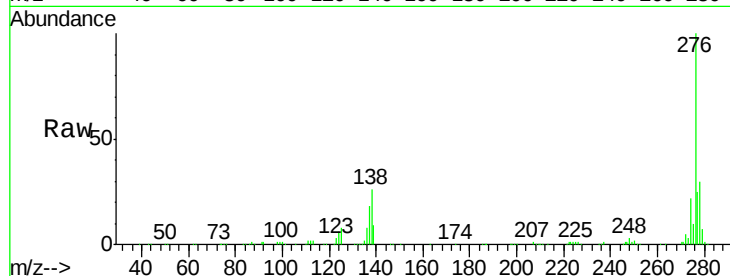




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.45 ng
 RT: 16.78 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

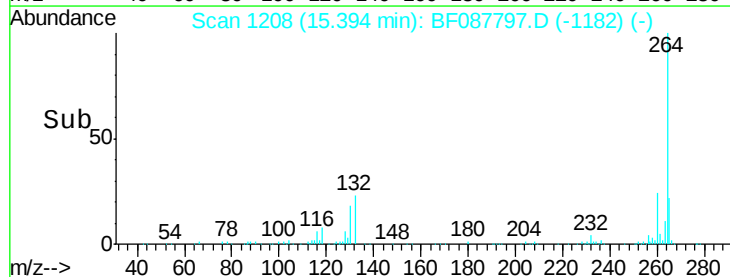
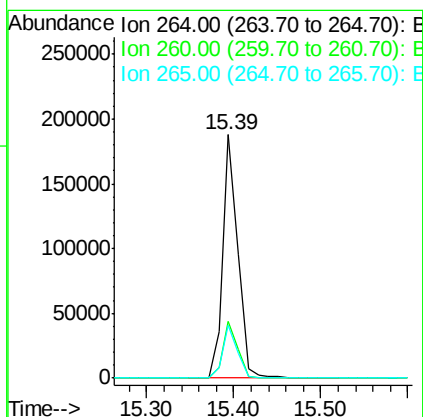
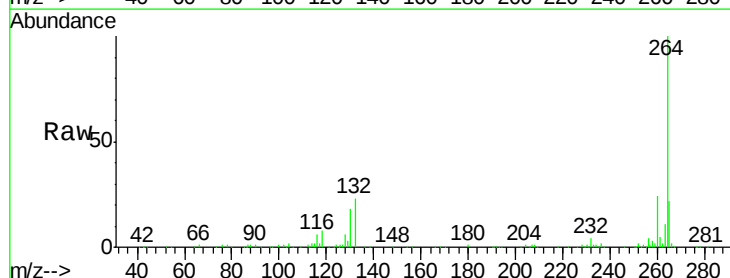
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

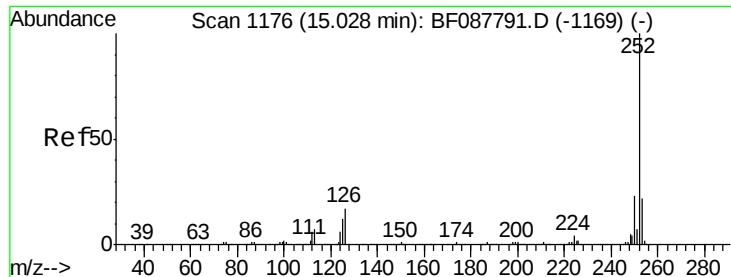
Tgt Ion: 276 Resp: 582251
 Ion Ratio Lower Upper
 276 100
 138 28.9 0.0 0.0#
 277 24.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF087797.D
 Acq: 7 Jun 2016 19:24

Tgt Ion: 264 Resp: 228316
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.9 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 36.11 ng

RT: 14.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

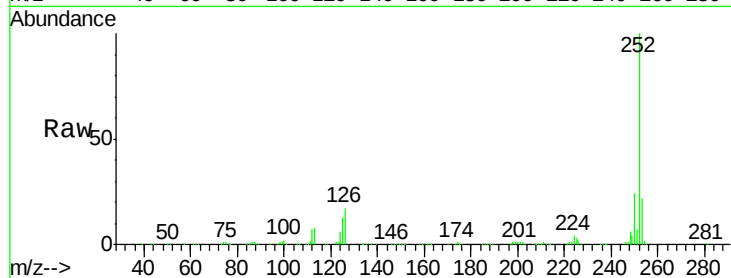
Tgt Ion:252 Resp: 574705

Ion Ratio Lower Upper

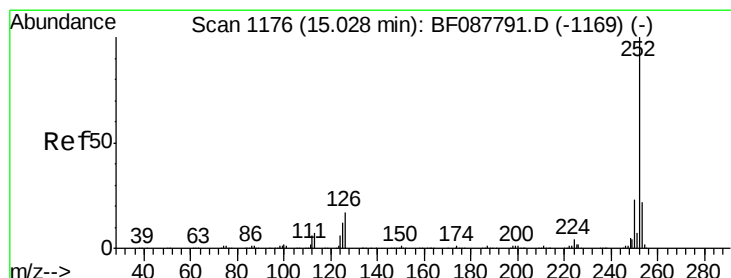
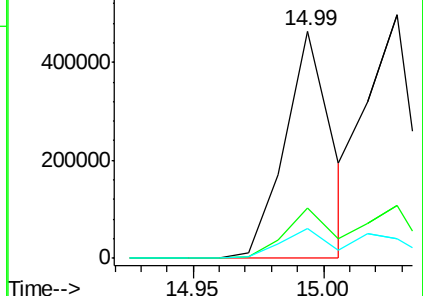
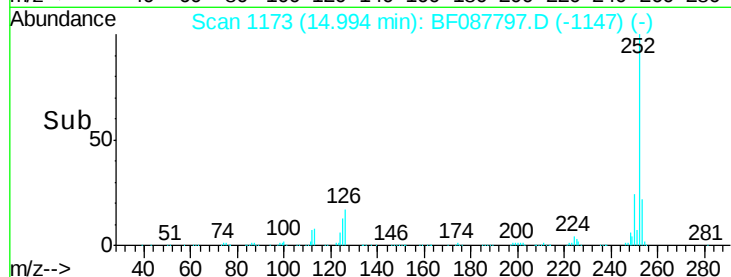
252 100

253 22.3 17.4 26.2

125 12.9 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: 47.88 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

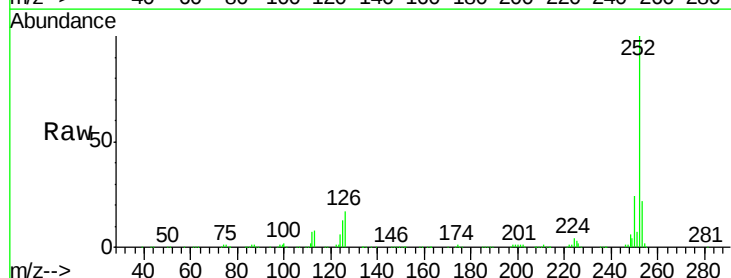
Tgt Ion:252 Resp: 574705

Ion Ratio Lower Upper

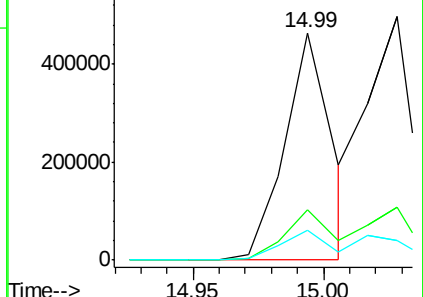
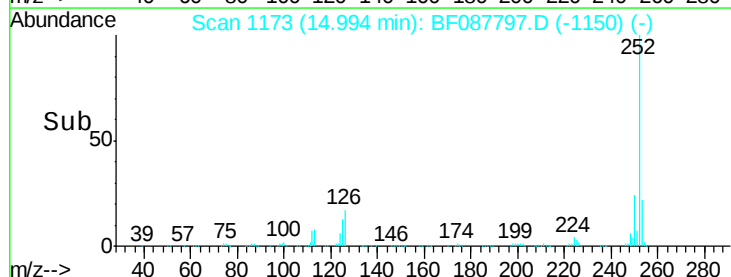
252 100

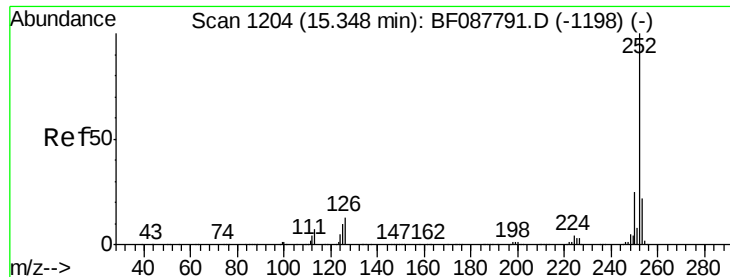
253 22.3 18.0 27.0

125 12.9 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: 42.13 ng

RT: 15.34 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS

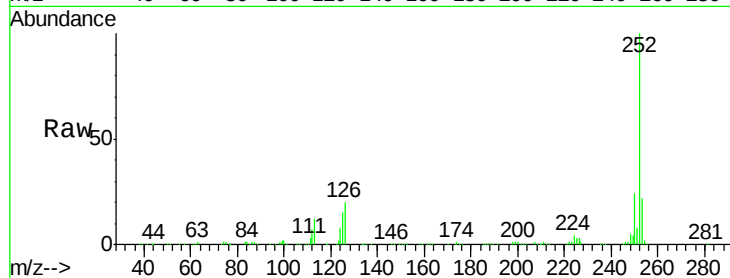
Tgt Ion: 252 Resp: 542462

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

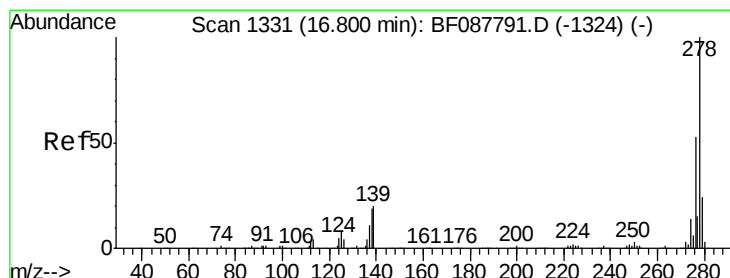
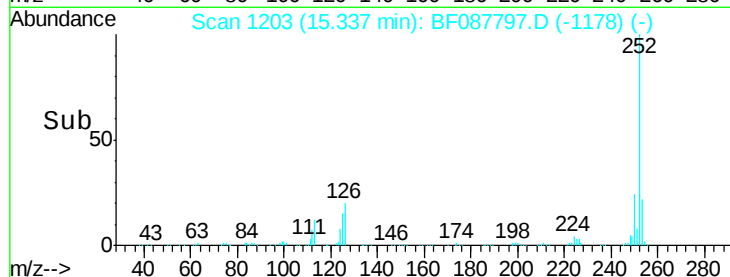
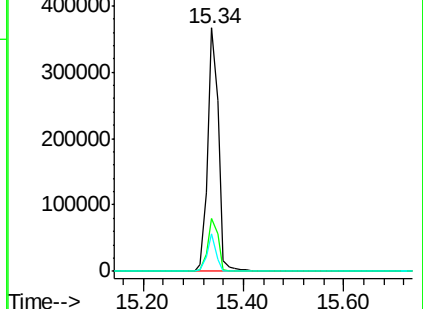
125 15.3 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.31 ng

RT: 16.80 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF087797.D

Acq: 7 Jun 2016 19:24

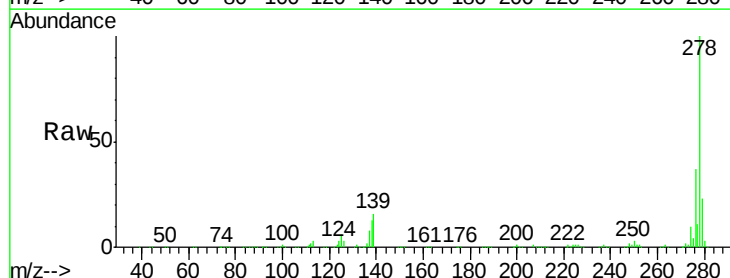
Tgt Ion: 278 Resp: 482053

Ion Ratio Lower Upper

278 100

139 16.2 15.7 23.5

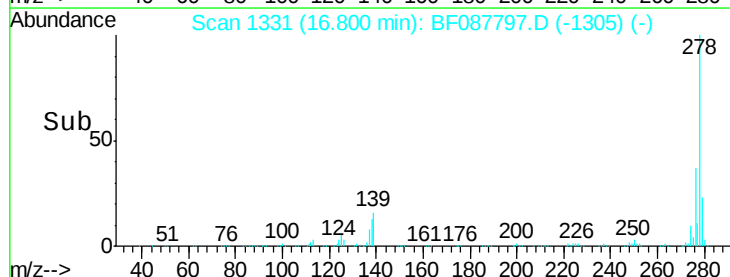
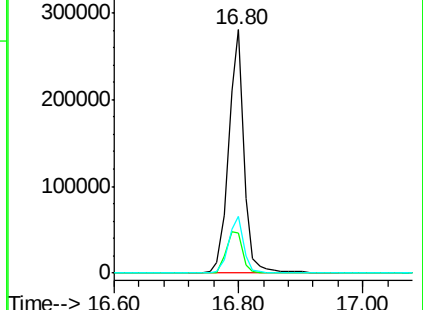
279 23.5 19.4 29.2

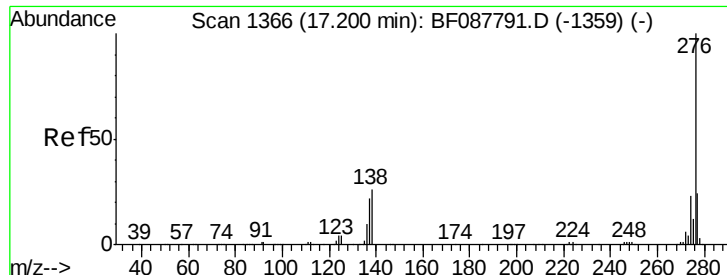


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.38 ng

RT: 17.20 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF087797.D

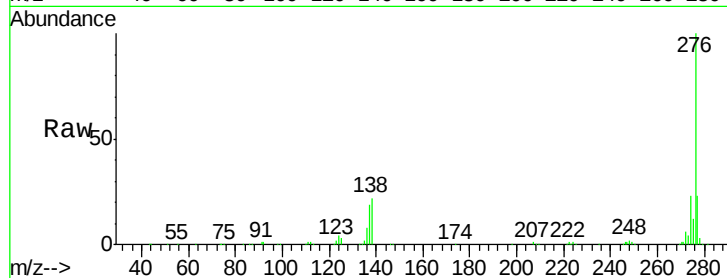
Acq: 7 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

PB91075BS



Tgt Ion: 276 Resp: 496669

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 21.8 21.4 32.2

