

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060716\
 Data File : BF087798.D
 Acq On : 7 Jun 2016 19:53
 Operator : UM/SJ
 Sample : PB91075BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Quant Time: Jun 08 03:56:14 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	93082	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	376263	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	184695	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	358233	20.00	ng	0.00
75) Chrysene-d12	13.99	240	272360	20.00	ng	0.00
86) Perylene-d12	15.39	264	213402	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	686422	126.07	ng	0.02
7) Phenol-d6	6.48	99	807870	122.43	ng	0.00
23) Nitrobenzene-d5	7.40	82	507368	78.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	249492	127.93	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1038158	88.53	ng	-0.01
78) Terphenyl-d14	12.94	244	881413	73.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	80627	30.47	ng	# 34
3) Pyridine	3.21	79	244700	39.17	ng	99
4) n-Nitrosodimethylamine	3.15	42	101638	38.42	ng	94
6) Aniline	6.50	93	213890	22.77	ng	99
8) 2-Chlorophenol	6.63	128	277683	43.09	ng	88
9) Benzaldehyde	6.38	77	14959	3.11	ng	# 78
10) Phenol	6.49	94	340146	50.21	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	246368	42.58	ng	88
12) 1,3-Dichlorobenzene	6.78	146	257978	37.31	ng	98
13) 1,4-Dichlorobenzene	6.86	146	264372	37.95	ng	98
14) 1,2-Dichlorobenzene	7.02	146	255368	40.31	ng	99
15) Benzyl Alcohol	6.98	79	202401	39.21	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	325927	41.69	ng	91
17) 2-Methylphenol	7.10	107	217160	41.55	ng	99
18) Hexachloroethane	7.36	117	101182	40.94	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	166179	39.37	ng	94
20) 3+4-Methylphenols	7.26	107	267173	43.81	ng	# 87
22) Acetophenone	7.26	105	343453	40.85	ng	# 91
24) Nitrobenzene	7.43	77	281922	45.17	ng	99
25) Isophorone	7.67	82	492922	41.30	ng	99
26) 2-Nitrophenol	7.75	139	145193	43.43	ng	# 71
27) 2,4-Dimethylphenol	7.78	122	254428	41.33	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	318983	43.09	ng	100
29) 2,4-Dichlorophenol	7.99	162	235404	45.80	ng	92
30) 1,2,4-Trichlorobenzene	8.07	180	224194	40.06	ng	99
31) Naphthalene	8.15	128	755189	40.56	ng	99
32) Benzoic acid	7.91	122	170308	50.24	ng	86
33) 4-Chloroaniline	8.19	127	131897	15.86	ng	97
34) Hexachlorobutadiene	8.27	225	121310	41.10	ng	99
35) Caprolactam	8.60	113	18860	11.08	ng	91
36) 4-Chloro-3-methylphenol	8.68	107	241141	43.87	ng	98
37) 2-Methylnaphthalene	8.83	142	509775	41.54	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	208949	42.73	ng	# 1
40) Hexachlorocyclopentadiene	8.99	237	235213	78.95	ng	100

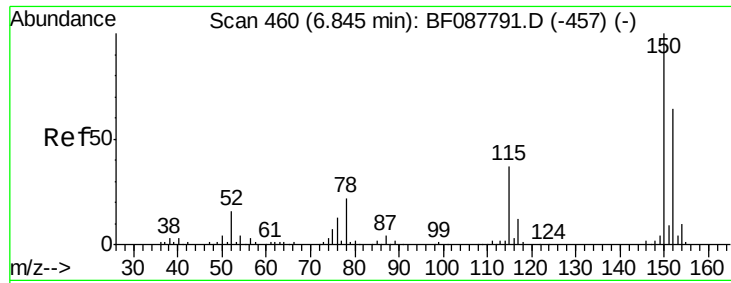
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060716\
 Data File : BF087798.D
 Acq On : 7 Jun 2016 19:53
 Operator : UM/SJ
 Sample : PB91075BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Quant Time: Jun 08 03:56:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	176556	47.80	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	166206	43.25	ng	98
45) 1,1'-Biphenyl	9.30	154	610377	43.87	ng	99
46) 2-Chloronaphthalene	9.32	162	484775	40.56	ng	99
47) 2-Nitroaniline	9.42	65	141928	40.26	ng	99
48) Acenaphthylene	9.74	152	772501	40.64	ng	100
49) Dimethylphthalate	9.61	163	631274	47.18	ng	99
50) 2,6-Dinitrotoluene	9.67	165	149274	48.72	ng	94
51) Acenaphthene	9.91	154	526068	44.36	ng	99
52) 3-Nitroaniline	9.83	138	74433	21.05	ng	98
53) 2,4-Dinitrophenol	9.94	184	141886	83.53	ng	# 62
54) Dibenzofuran	10.08	168	697912	42.73	ng	# 89
55) 4-Nitrophenol	10.00	139	230297	83.92	ng	87
56) 2,4-Dinitrotoluene	10.07	165	188376	47.84	ng	# 78
57) Fluorene	10.42	166	481139	43.42	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	139102	46.06	ng	# 57
59) Diethylphthalate	10.31	149	606437	44.78	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	237265	43.68	ng	94
61) 4-Nitroaniline	10.44	138	129219	38.53	ng	97
62) Azobenzene	10.58	77	610306	45.57	ng	93
64) 4,6-Dinitro-2-methylphenol	10.47	198	83247	37.71	ng	90
65) n-Nitrosodiphenylamine	10.54	169	457855	38.52	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	153175	39.86	ng	# 86
67) Hexachlorobenzene	10.97	284	169502	42.45	ng	# 90
68) Atrazine	11.06	200	136552	37.94	ng	92
69) Pentachlorophenol	11.16	266	191342	90.90	ng	99
70) Phenanthrene	11.38	178	767446	40.83	ng	100
71) Anthracene	11.44	178	822018	43.35	ng	98
72) Carbazole	11.59	167	760160	42.84	ng	99
73) Di-n-butylphthalate	11.92	149	886574	39.47	ng	100
74) Fluoranthene	12.56	202	797277	40.19	ng	97
76) Benzidine	12.69	184	231528	30.70	ng	98
77) Pyrene	12.79	202	760580	37.63	ng	100
79) Butylbenzylphthalate	13.42	149	407622	45.62	ng	95
80) Benzo(a)anthracene	13.98	228	616261	39.71	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	124880	29.92	ng	99
82) Chrysene	14.01	228	613869	42.04	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	495966	45.60	ng	# 98
84) Di-n-octyl phthalate	14.58	149	829190	46.91	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.78	276	564131	41.58	ng	# 100
87) Benzo(b)fluoranthene	14.99	252	550839	37.03	ng	# 97
88) Benzo(k)fluoranthene	14.99	252	550839	49.09	ng	98
89) Benzo(a)pyrene	15.34	252	516111	42.89	ng	99
90) Dibenzo(a,h)anthracene	16.80	278	463801	41.50	ng	# 95
91) Benzo(g,h,i)perylene	17.19	276	476471	41.44	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

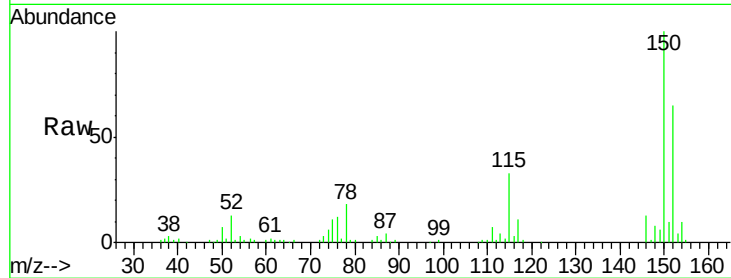
Tgt Ion:152 Resp: 93082

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

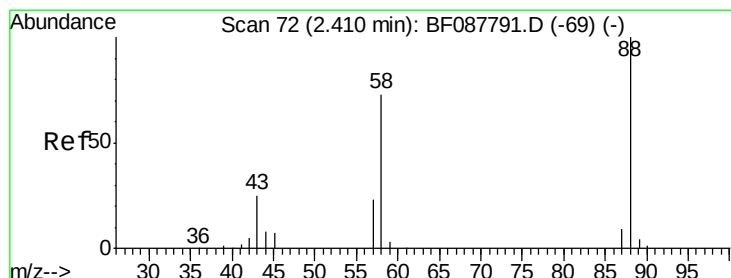
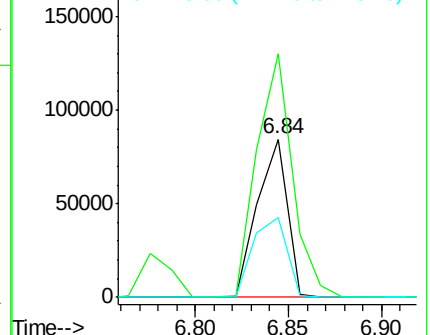
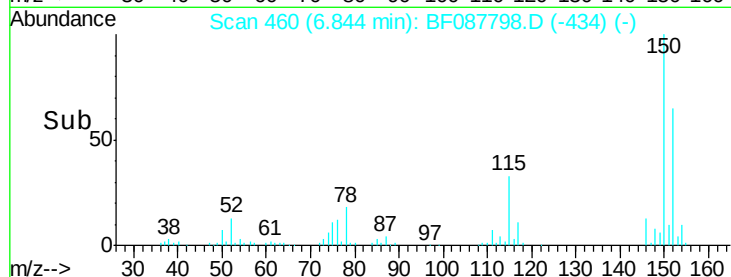
115 50.2 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.47 ng

RT: 2.50 min Scan# 80

Delta R.T. 0.09 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

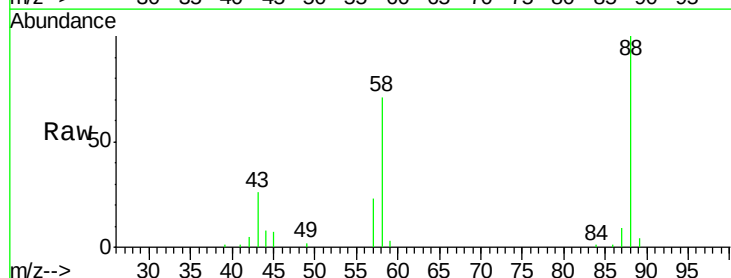
Tgt Ion: 88 Resp: 80627

Ion Ratio Lower Upper

88 100

58 74.4 0.0 0.0#

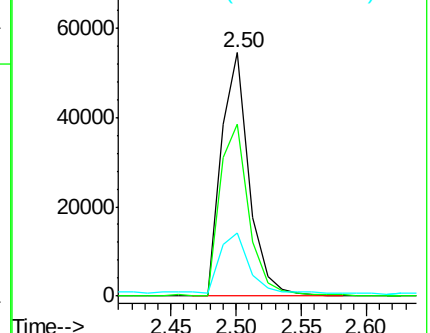
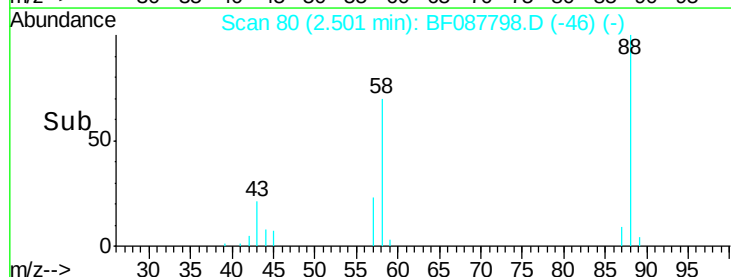
43 26.2 3.4 5.2#

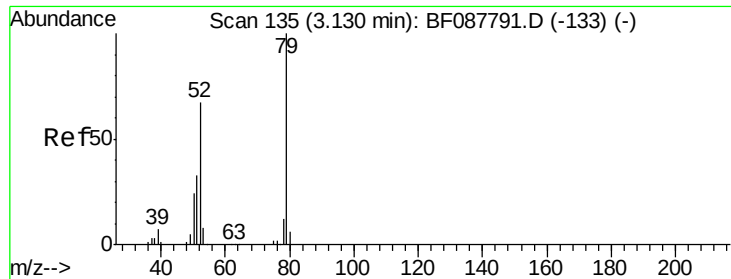


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.17 ng

RT: 3.21 min Scan# 142

Delta R.T. 0.08 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

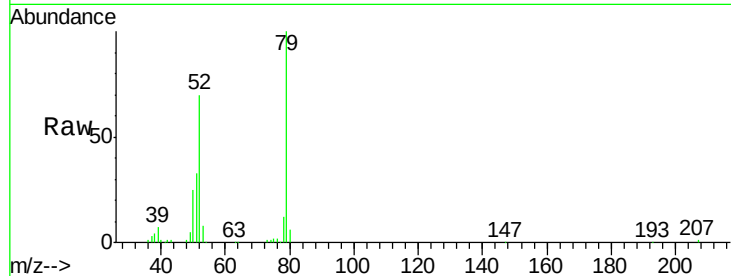
Tgt Ion: 79 Resp: 244700

Ion Ratio Lower Upper

79 100

52 69.8 56.3 84.5

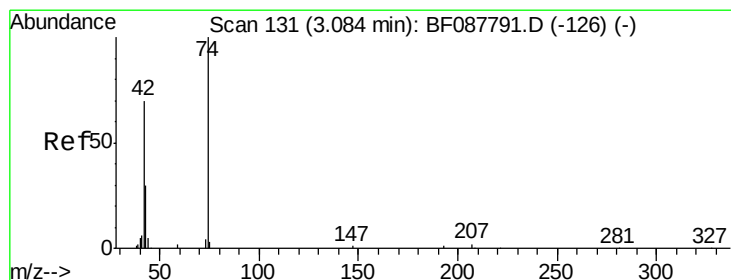
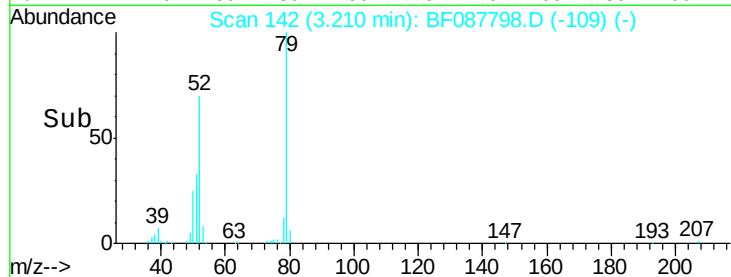
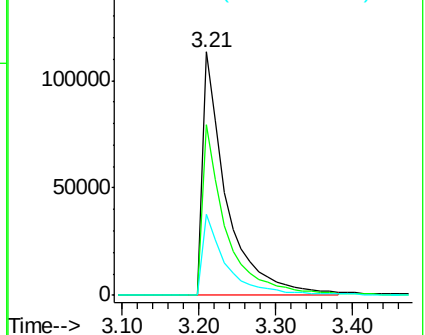
51 33.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.42 ng

RT: 3.15 min Scan# 137

Delta R.T. 0.07 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

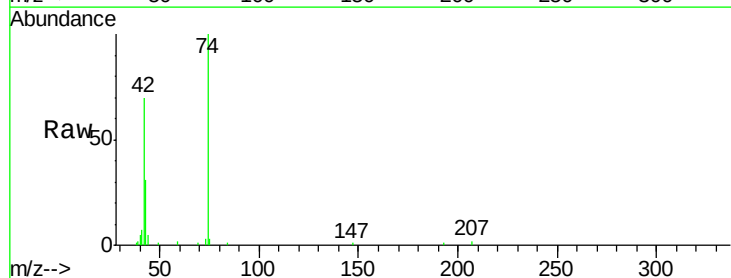
Tgt Ion: 42 Resp: 101638

Ion Ratio Lower Upper

42 100

74 143.2 108.6 163.0

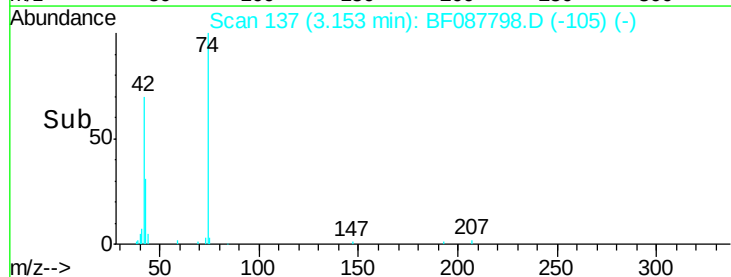
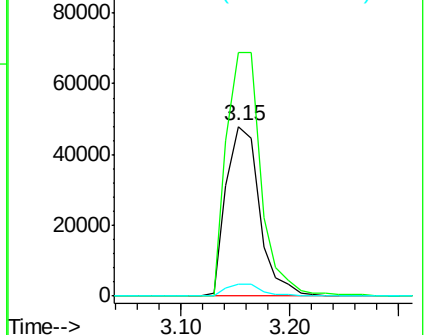
44 7.1 5.5 8.3

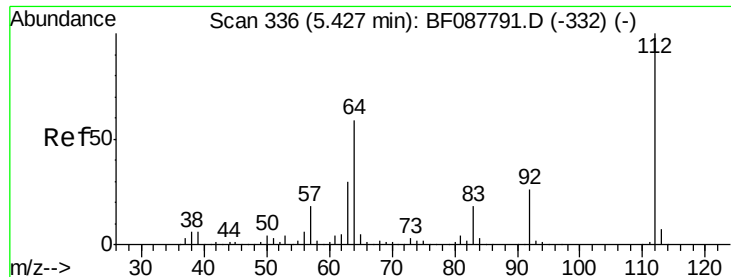


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.07 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.02 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

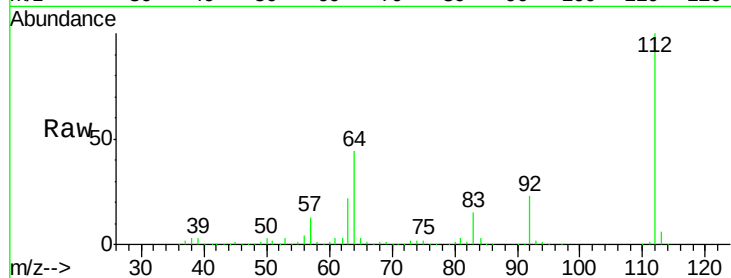
Tgt Ion: 112 Resp: 686422

Ion Ratio Lower Upper

112 100

64 43.7 42.2 63.2

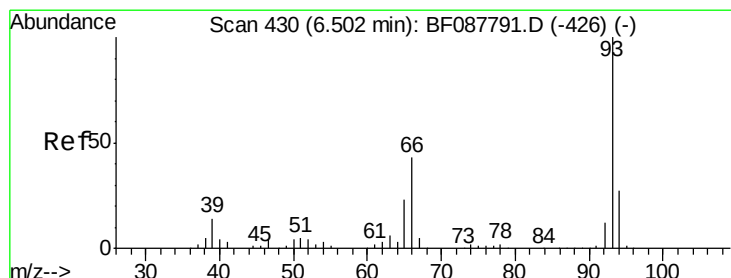
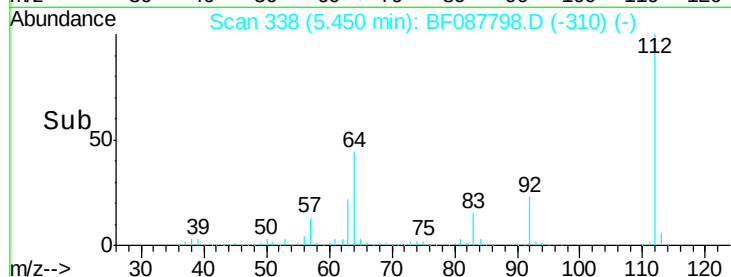
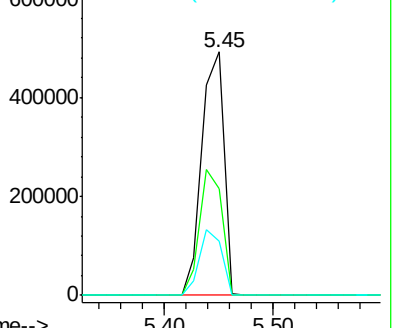
63 22.5 21.8 32.8



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: 22.77 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

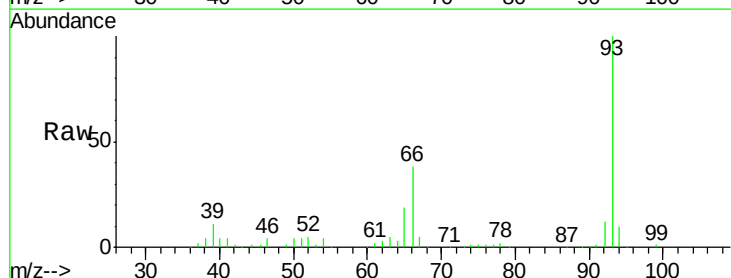
Tgt Ion: 93 Resp: 213890

Ion Ratio Lower Upper

93 100

66 37.9 29.8 44.8

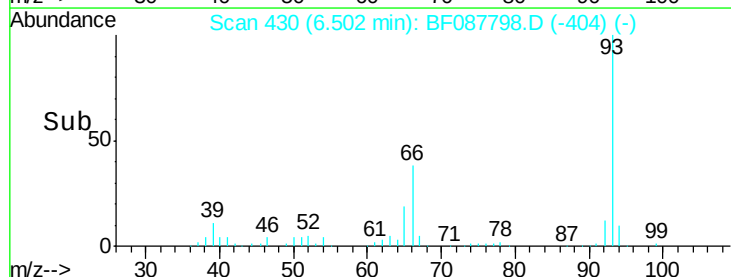
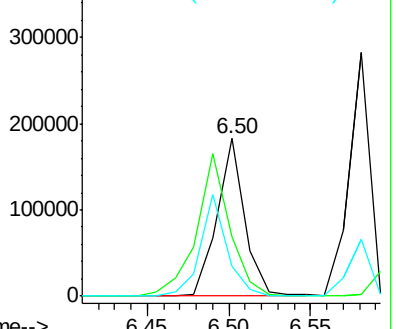
65 19.2 14.9 22.3

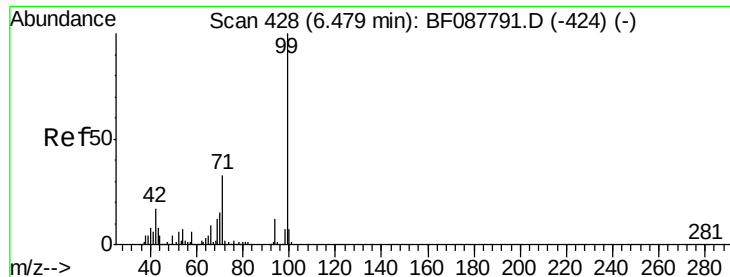


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.43 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

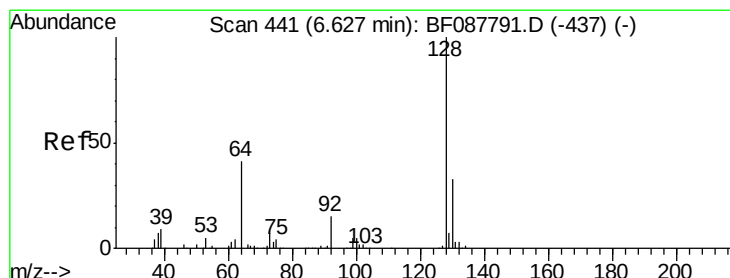
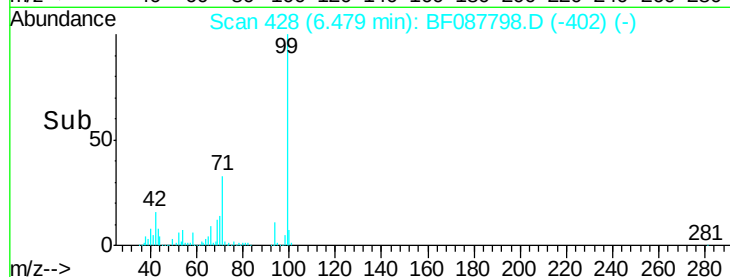
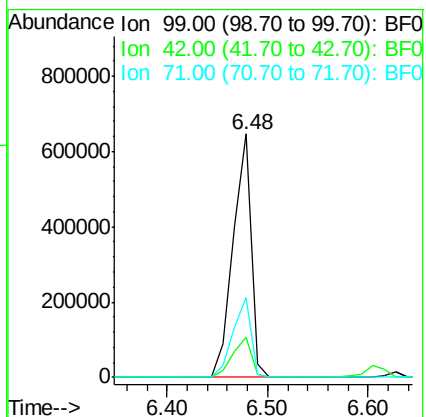
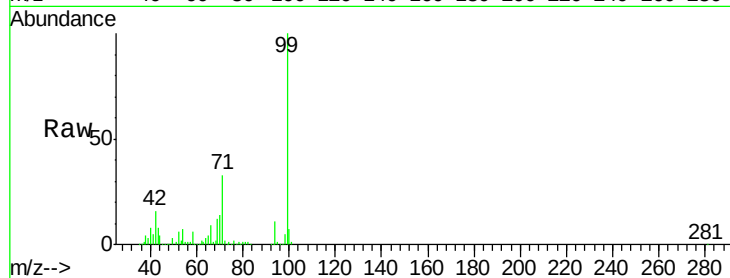
Tgt Ion: 99 Resp: 807870

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

71 32.7 23.4 35.0



#8

2-Chlorophenol

Concen: 43.09 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

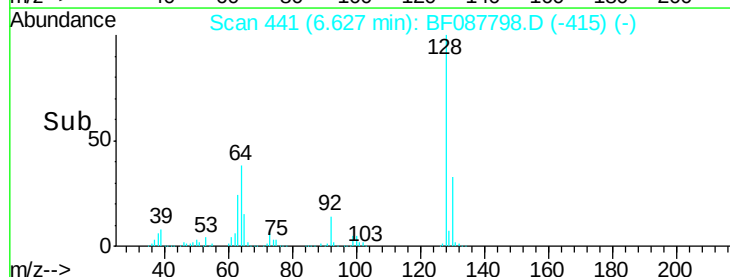
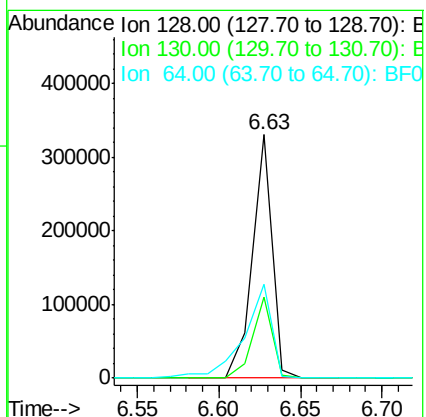
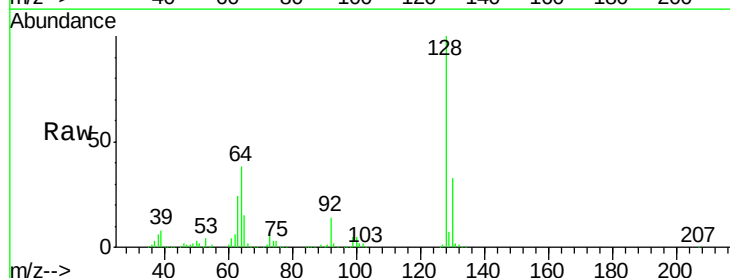
Tgt Ion: 128 Resp: 277683

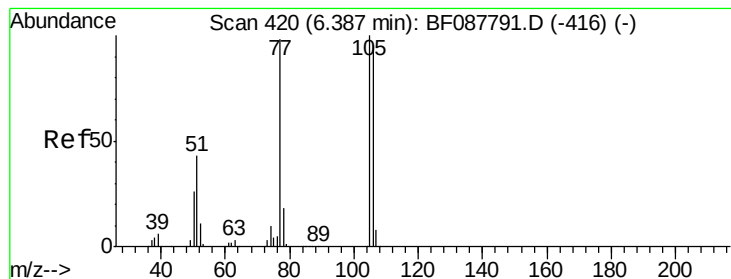
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 38.3 30.8 70.8





#9

Benzaldehyde

Concen: 3.11 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

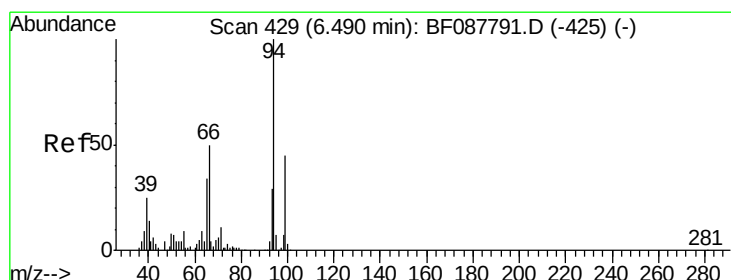
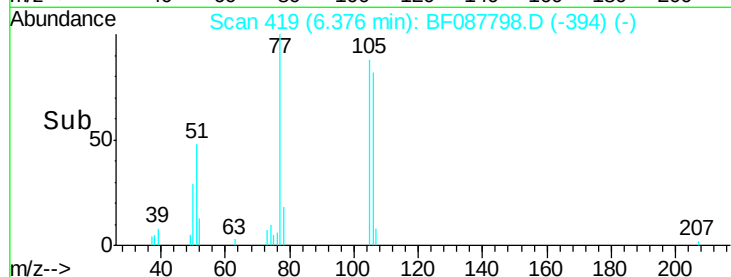
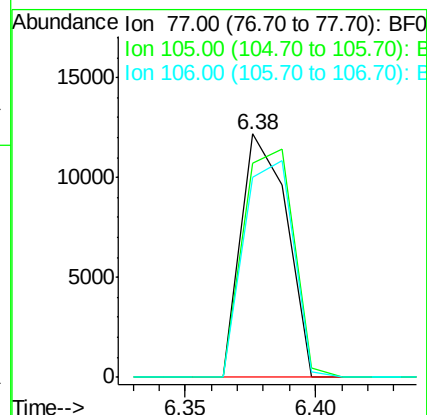
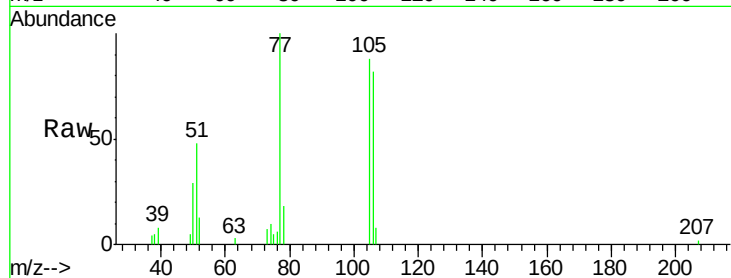
Tgt Ion: 77 Resp: 14959

Ion Ratio Lower Upper

77 100

105 87.7 90.6 130.6#

106 82.3 85.3 125.3#



#10

Phenol

Concen: 50.21 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

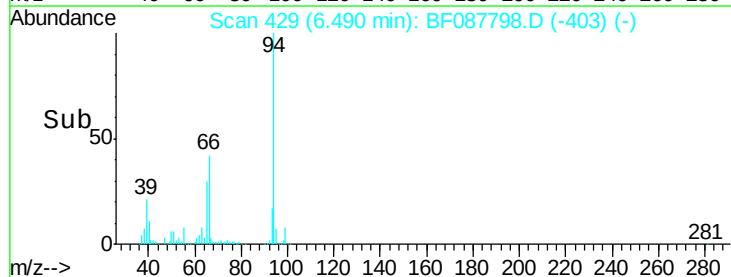
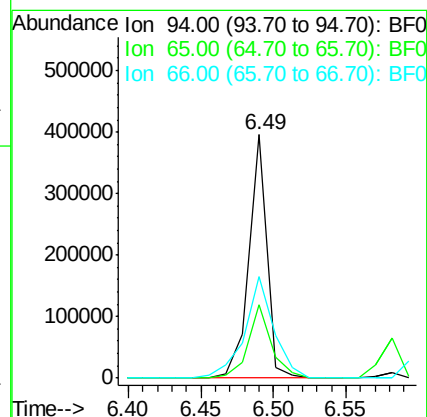
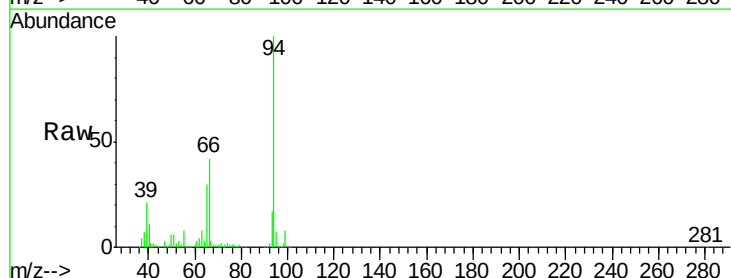
Tgt Ion: 94 Resp: 340146

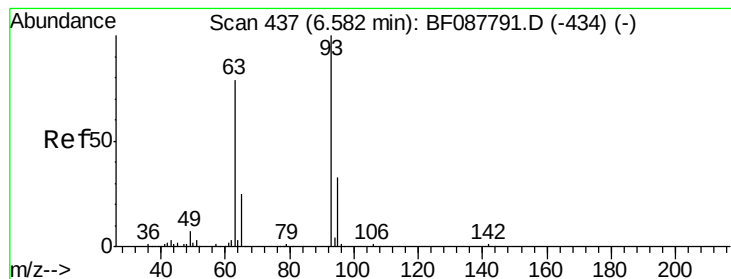
Ion Ratio Lower Upper

94 100

65 29.9 5.9 45.9

66 41.9 14.0 54.0

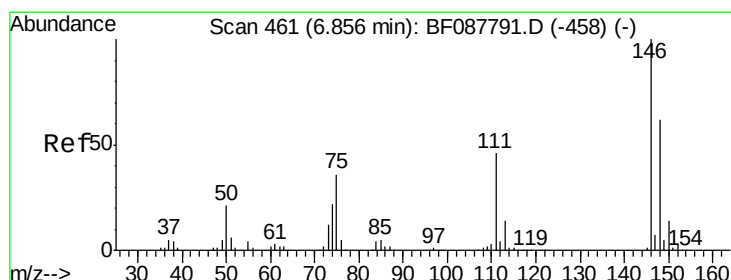
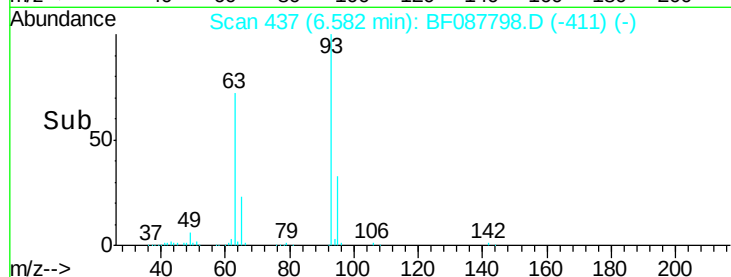
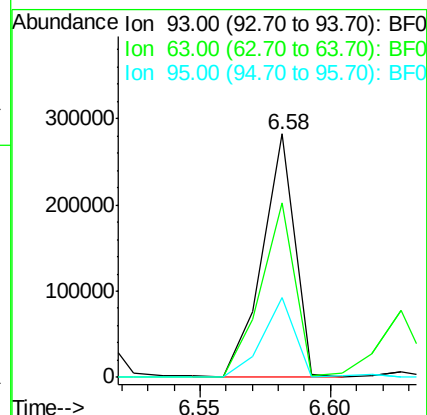
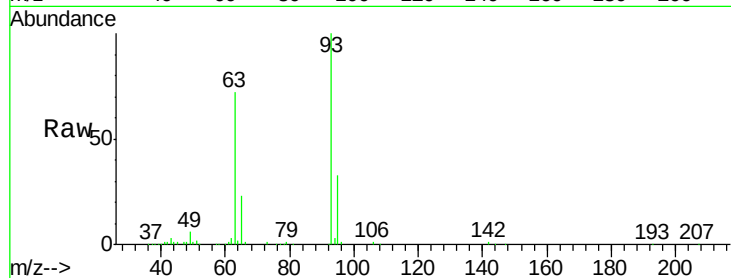




#11
bis(2-Chloroethyl)ether
Concen: 42.58 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

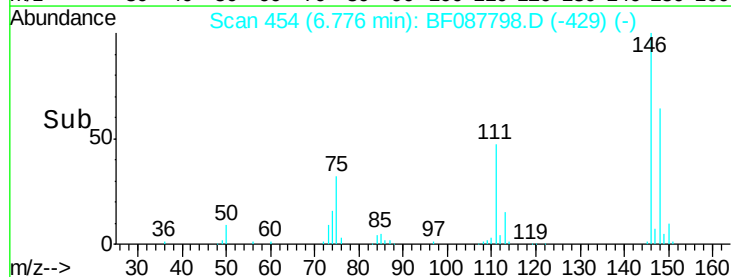
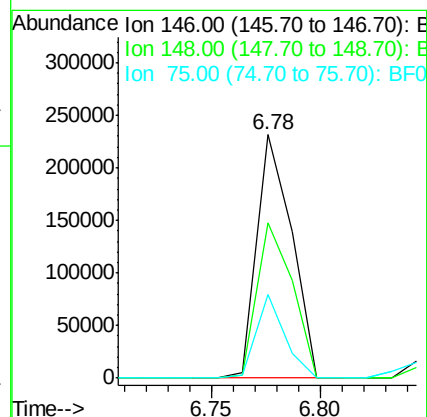
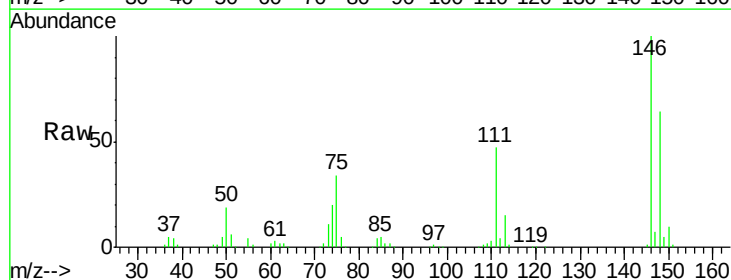
Instrument :
BNA_F
ClientSampleId :
PB91075BSD

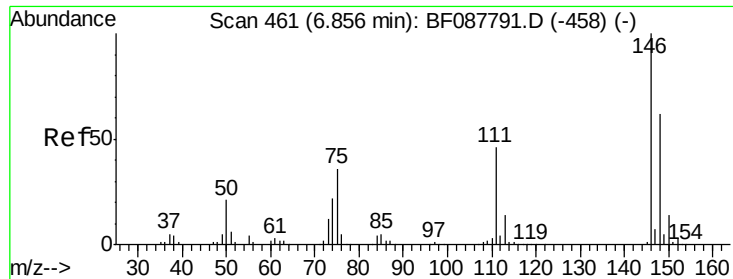
Tgt Ion: 93 Resp: 246368
Ion Ratio Lower Upper
93 100
63 71.8 67.6 107.6
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 37.31 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion: 146 Resp: 257978
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 34.4 25.6 38.4

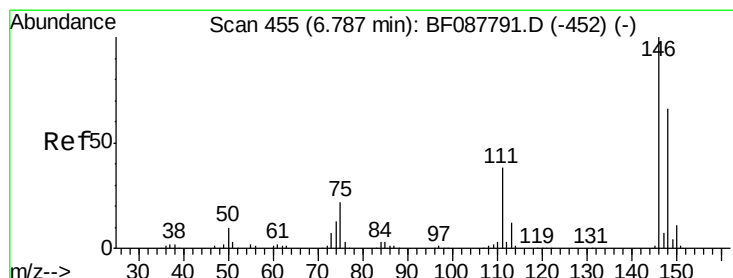
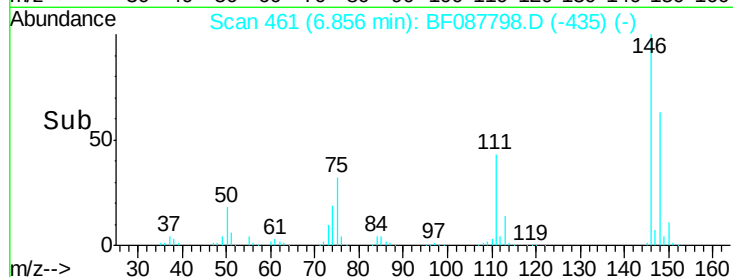
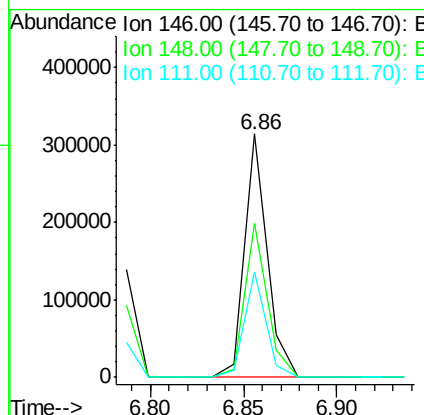
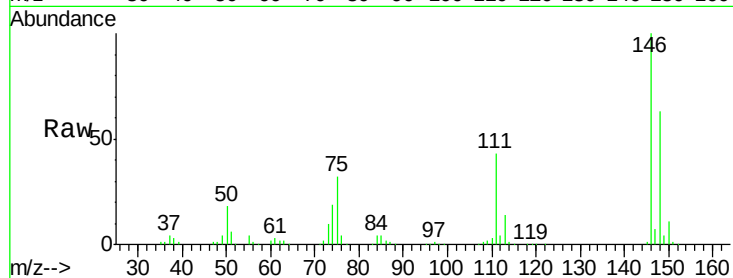




#13
 1,4-Dichlorobenzene
 Concen: 37.95 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

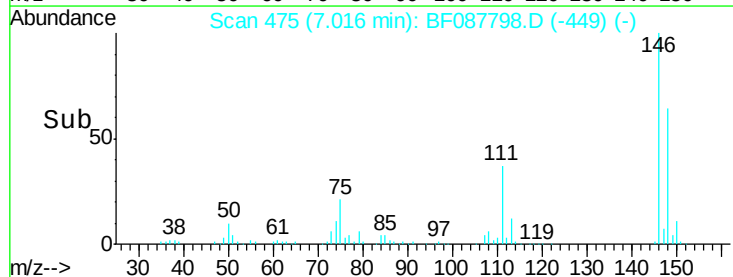
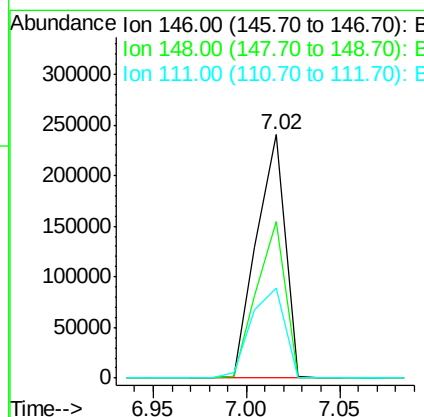
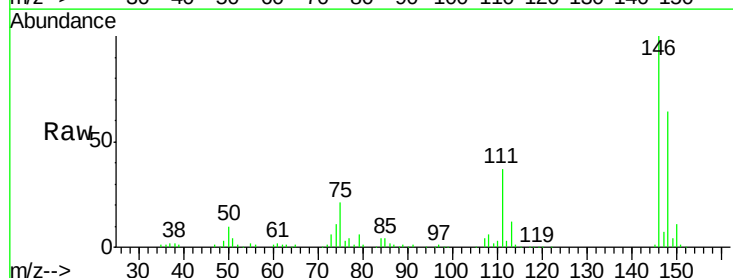
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

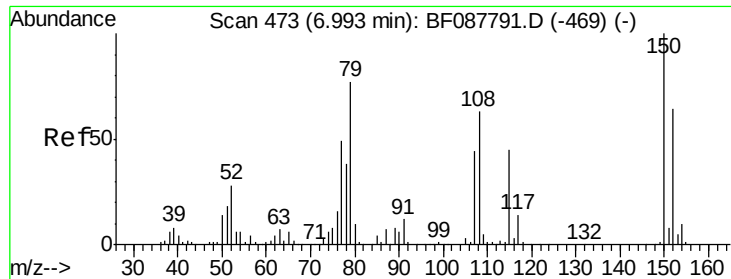
Tgt Ion:146 Resp: 264372
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.0 78.0
 111 43.5 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 40.31 ng
 RT: 7.02 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion:146 Resp: 255368
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.3 78.5
 111 36.8 28.7 43.1

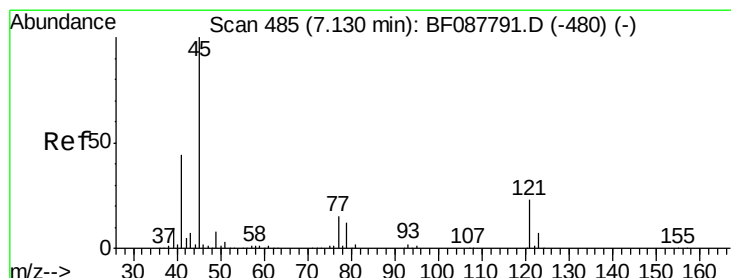
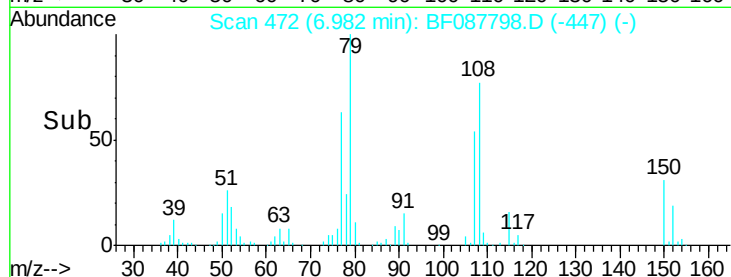
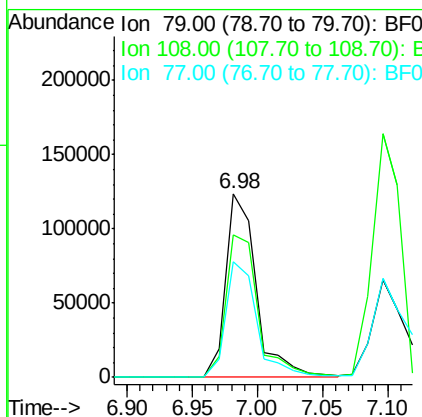
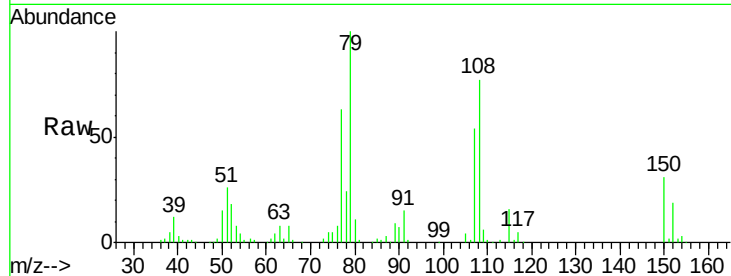




#15
Benzyl Alcohol
Concen: 39.21 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

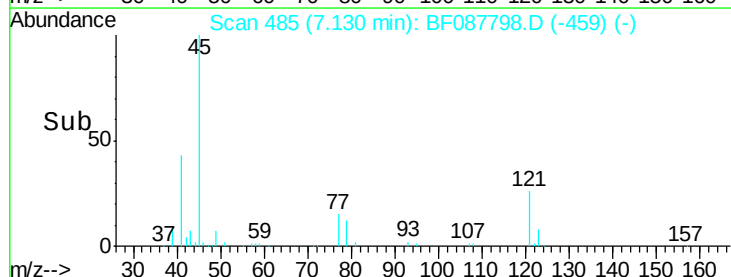
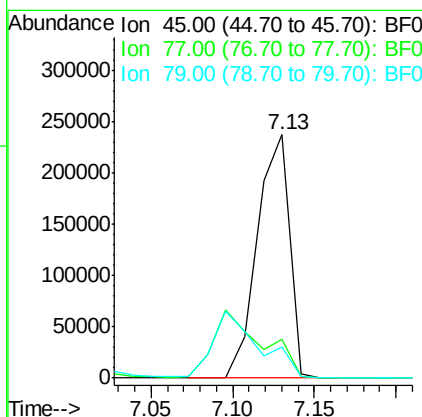
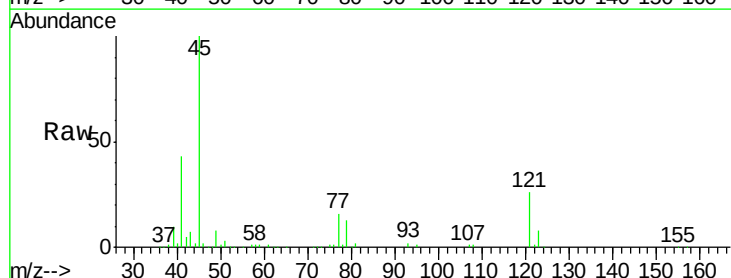
Instrument :
BNA_F
ClientSampleId :
PB91075BSD

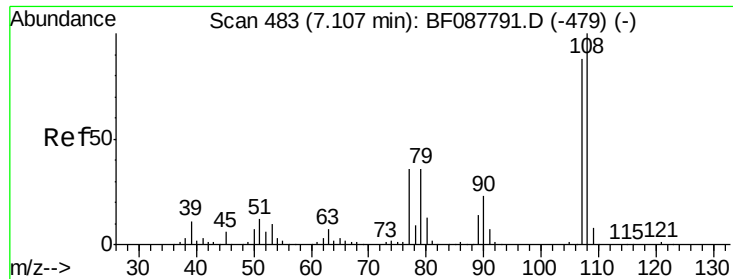
Tgt Ion: 79 Resp: 202401
Ion Ratio Lower Upper
79 100
108 77.3 65.0 97.6
77 62.6 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.69 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion: 45 Resp: 325927
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.5
79 13.0 0.0 29.5

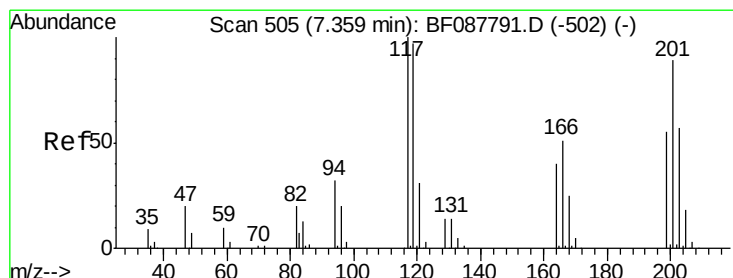
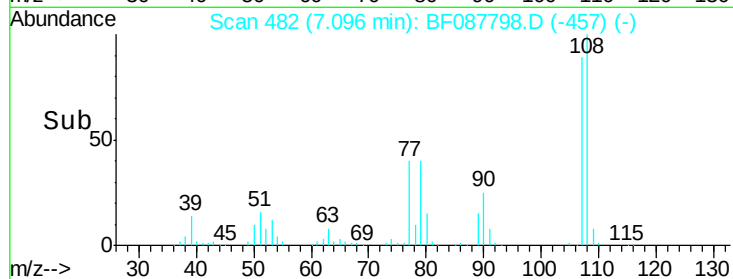
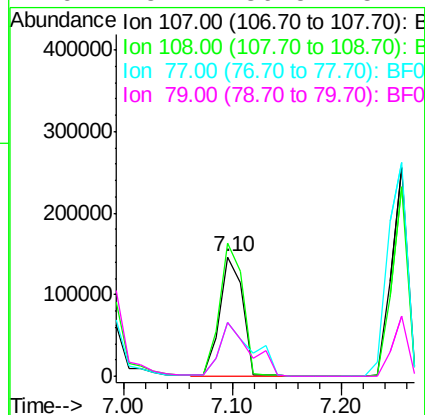
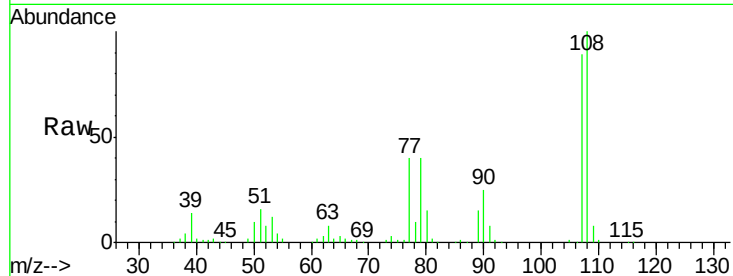




#17
2-Methylphenol
Concen: 41.55 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

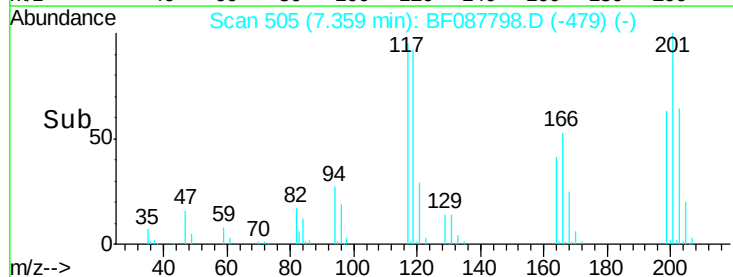
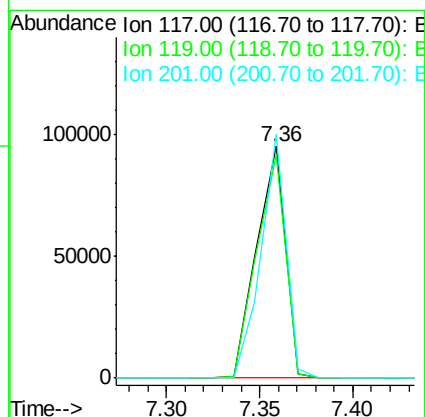
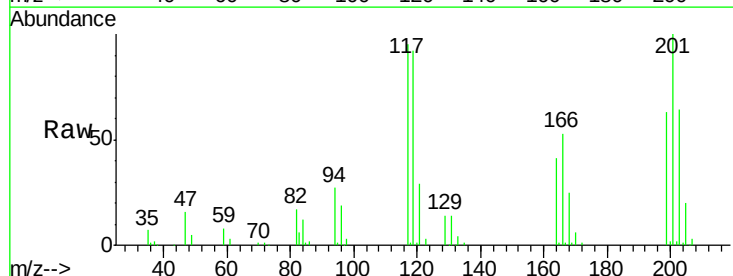
Instrument :
BNA_F
ClientSampleId :
PB91075BSD

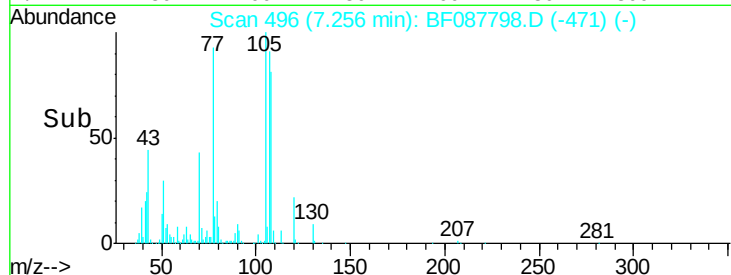
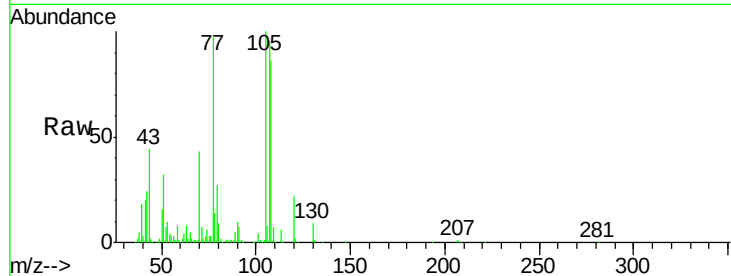
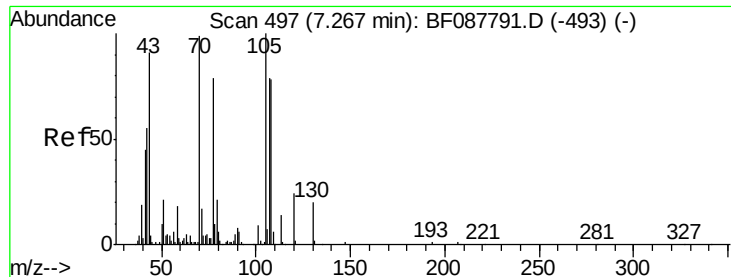
Tgt Ion:	107	Resp:	217160
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.9	136.3
77	45.3	36.6	55.0
79	45.1	36.5	54.7



#18
Hexachloroethane
Concen: 40.94 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion:	117	Resp:	101182
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.2
201	104.9	80.4	120.6

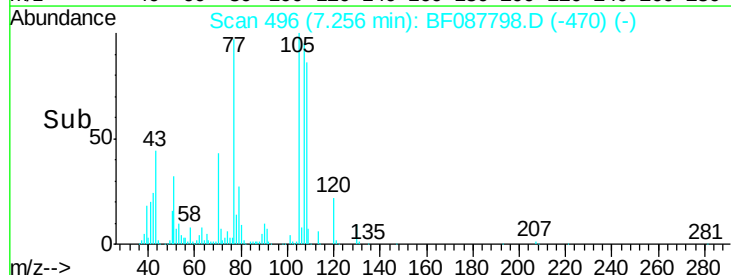
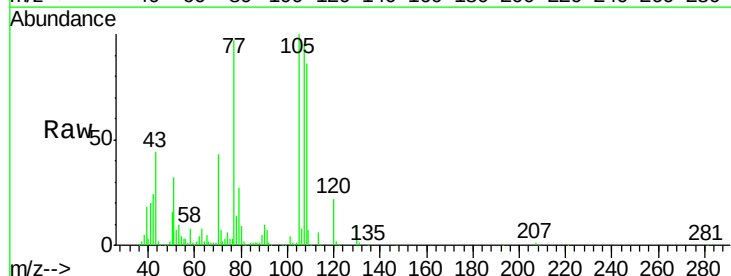
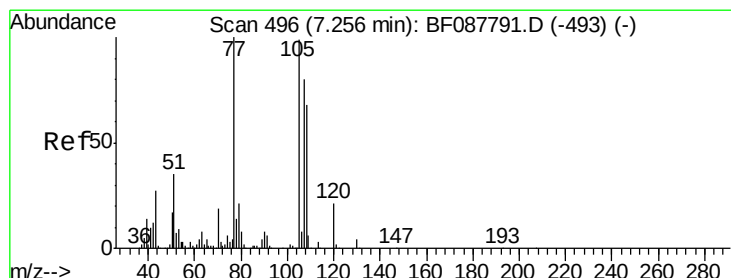
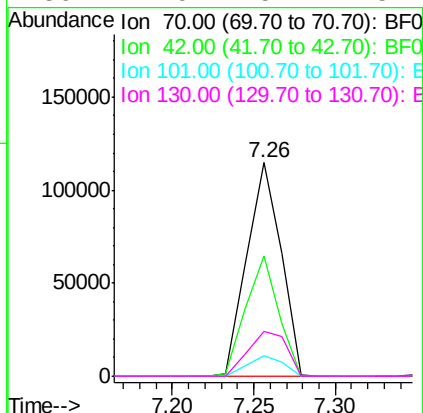




#19
n-Nitroso-di-n-propylamine
Concen: 39.37 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

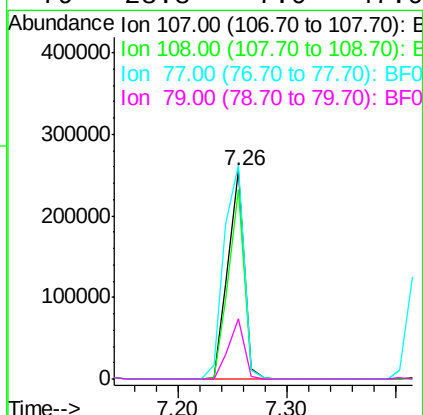
Instrument :
BNA_F
ClientSampleId :
PB91075BSD

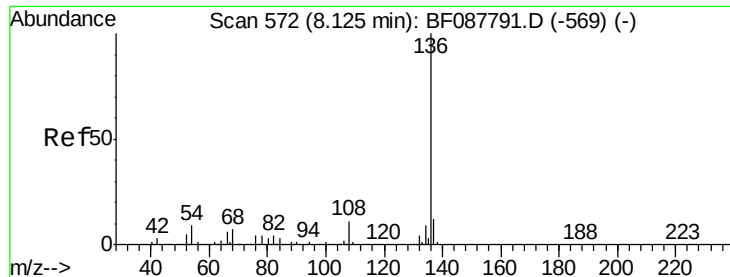
Tgt Ion:	70	Resp:	166179
Ion	Ratio	Lower	Upper
70	100		
42	56.5	49.6	74.4
101	9.5	7.1	10.7
130	21.0	15.4	23.2



#20
3+4-Methylphenols
Concen: 43.81 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion:	107	Resp:	267173
Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.8	107.8
77	102.6	59.3	99.3#
79	28.8	7.0	47.0

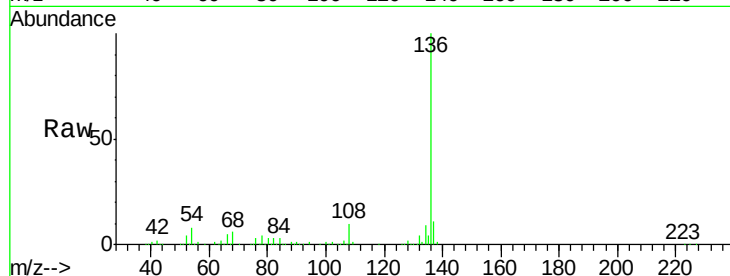




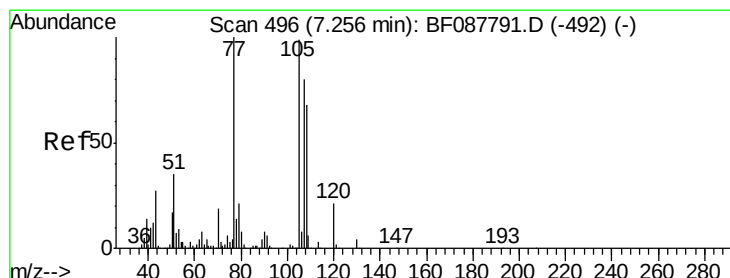
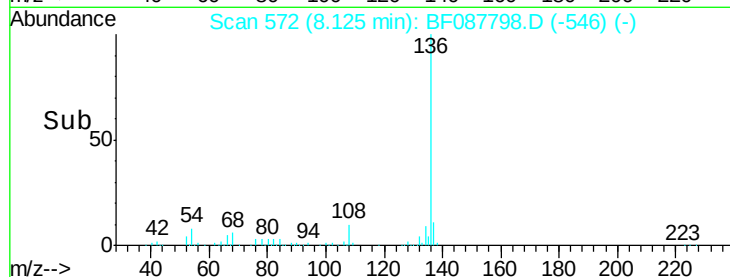
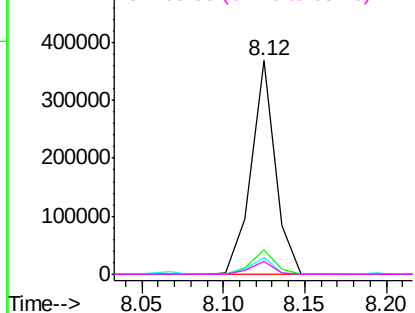
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tgt Ion:	136	Resp:	376263
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.8	6.6	10.0
68	6.1	5.1	7.7

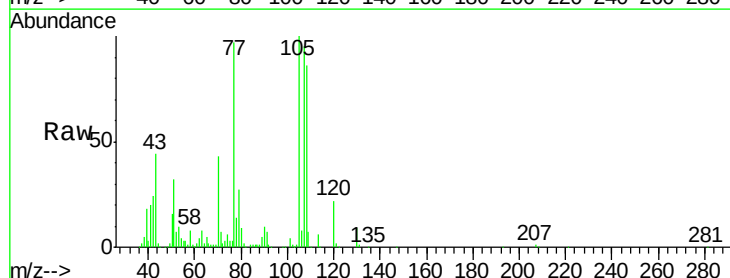


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

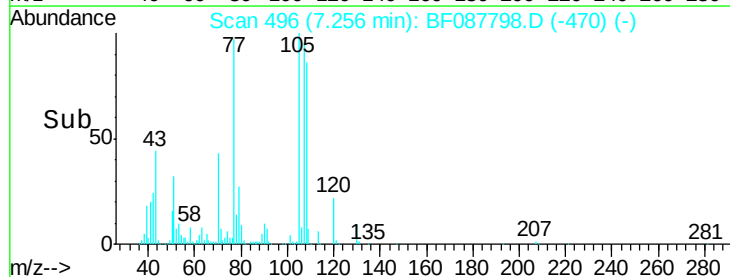
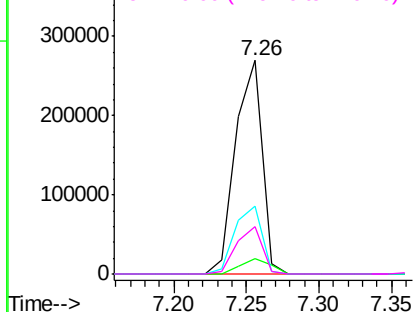


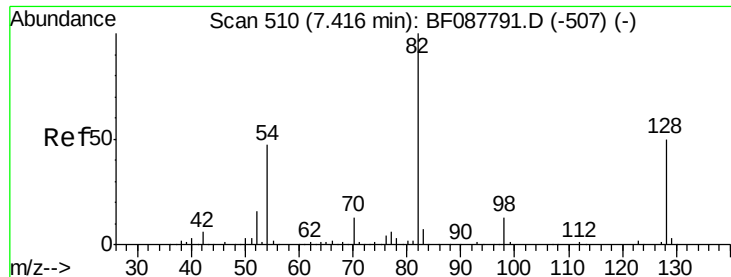
#22
Acetophenone
Concen: 40.85 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion:	105	Resp:	343453
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.3	7.9
51	31.9	18.2	27.4#
120	22.0	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

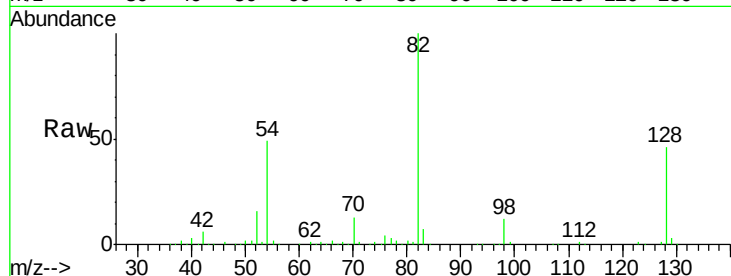




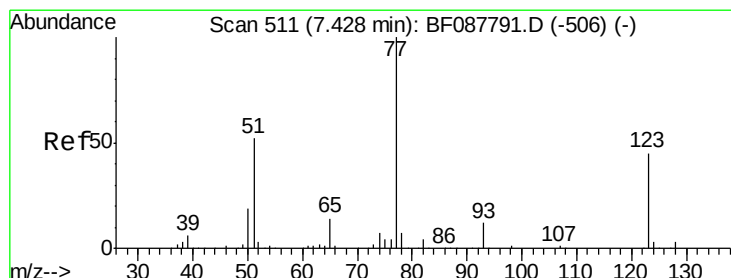
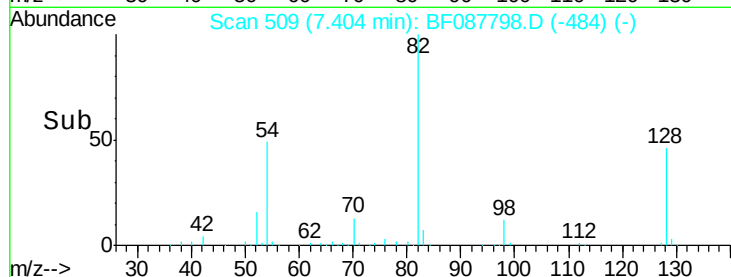
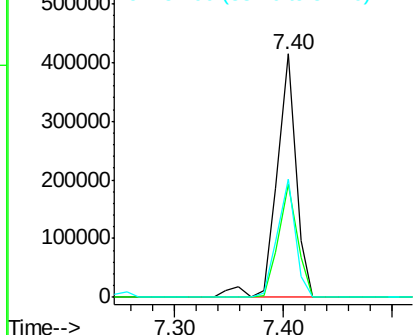
#23
 Nitrobenzene-d5
 Concen: 78.74 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tgt Ion: 82 Resp: 507368
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.9 53.9
 54 48.7 40.9 61.3

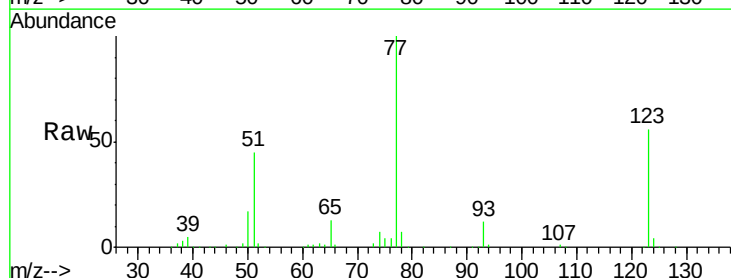


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

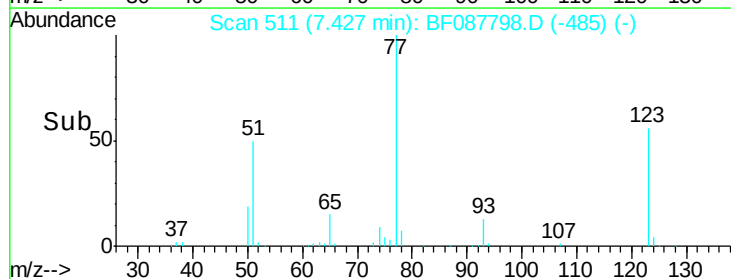
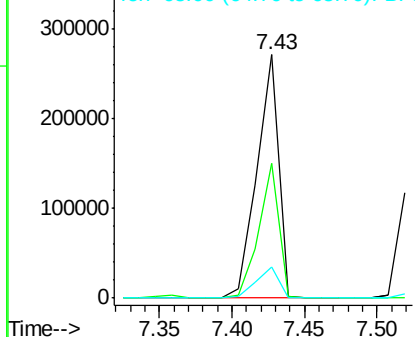


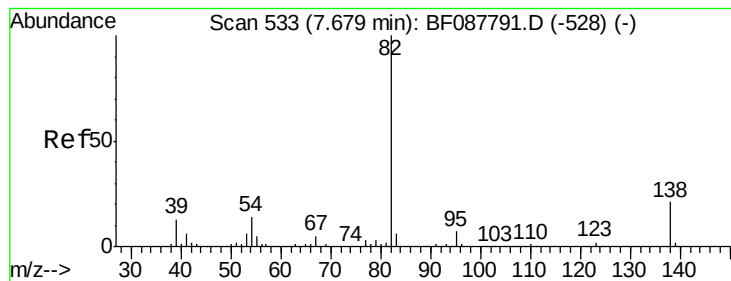
#24
 Nitrobenzene
 Concen: 45.17 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion: 77 Resp: 281922
 Ion Ratio Lower Upper
 77 100
 123 55.6 45.0 67.4
 65 12.7 10.2 15.2



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





#25

Isophorone

Concen: 41.30 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

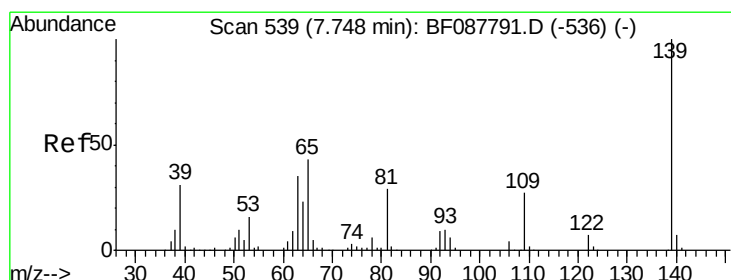
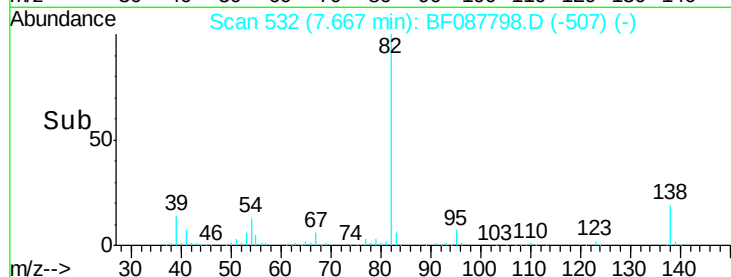
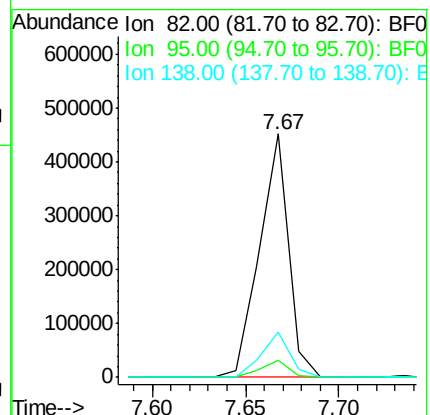
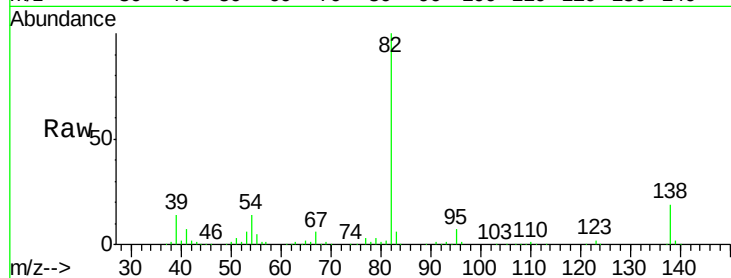
Tgt Ion: 82 Resp: 492922

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.7 14.6 21.8



#26

2-Nitrophenol

Concen: 43.43 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

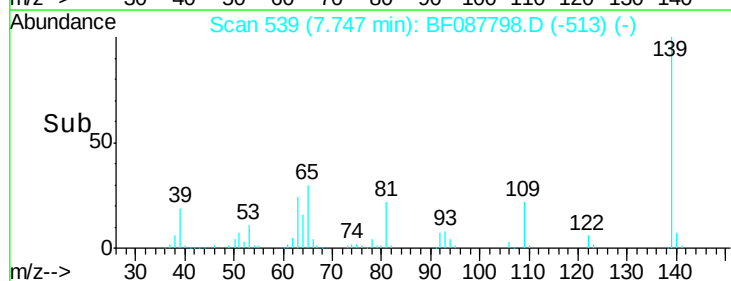
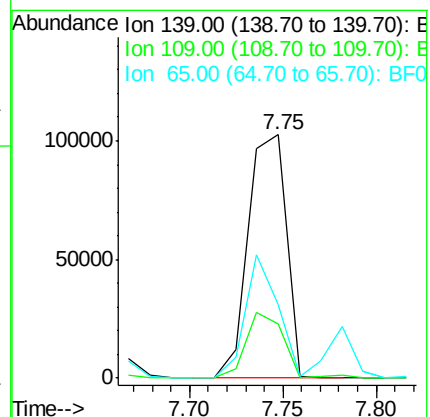
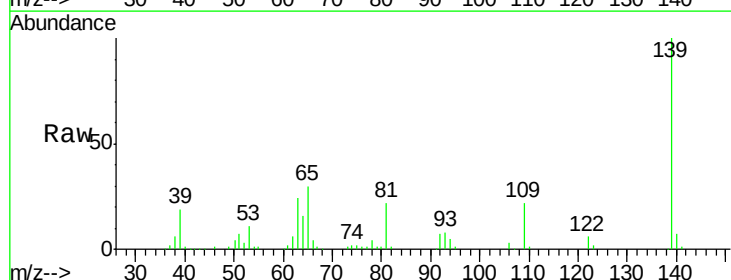
Tgt Ion: 139 Resp: 145193

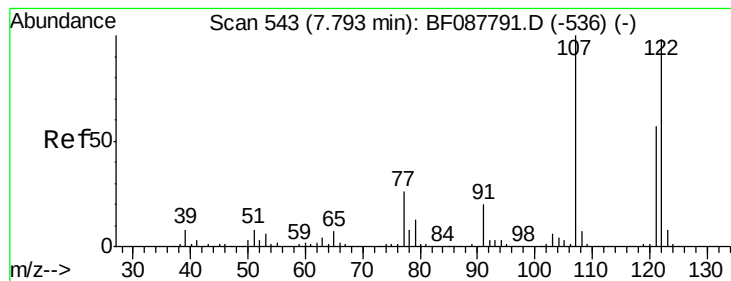
Ion Ratio Lower Upper

139 100

109 22.1 23.0 34.4#

65 30.0 45.8 68.8#

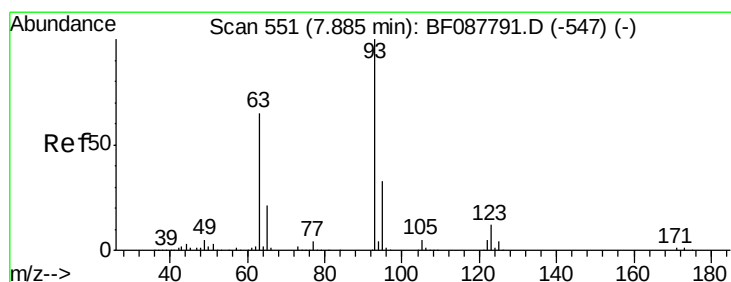
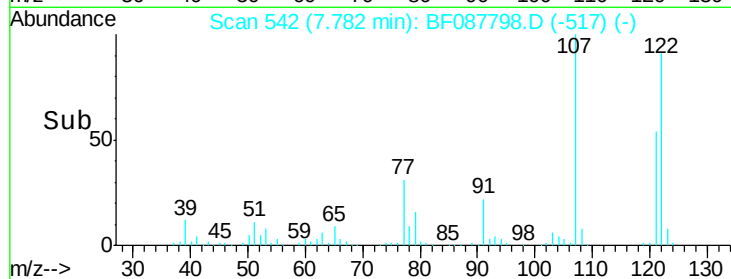
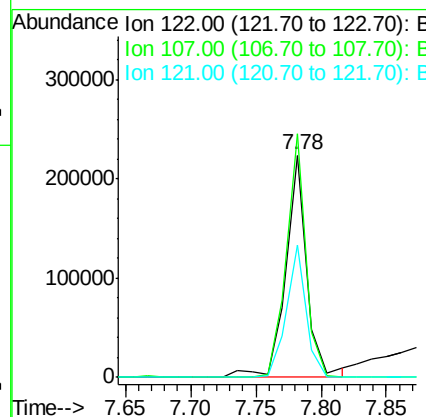
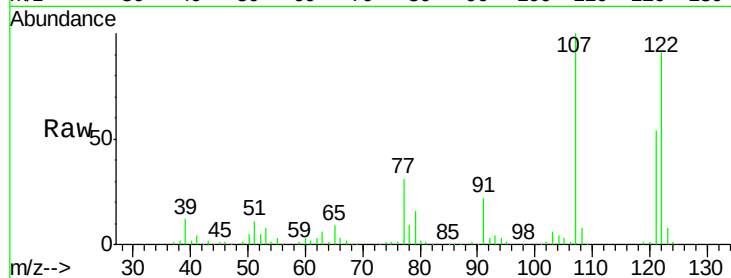




#27
 2,4-Dimethylphenol
 Concen: 41.33 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

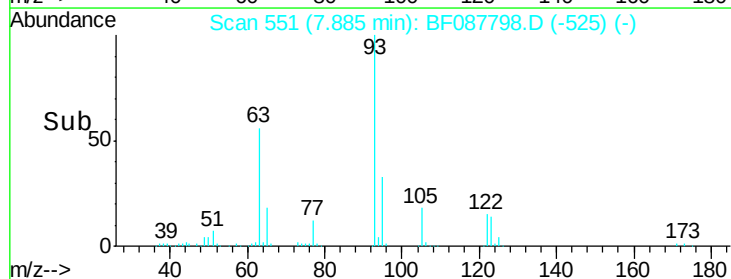
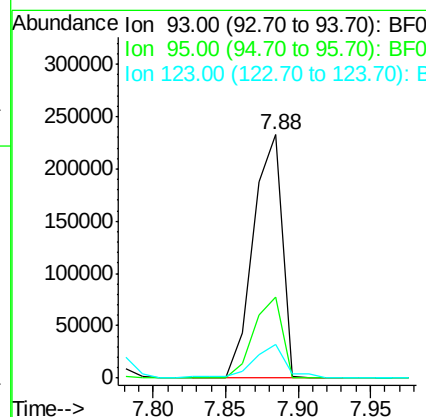
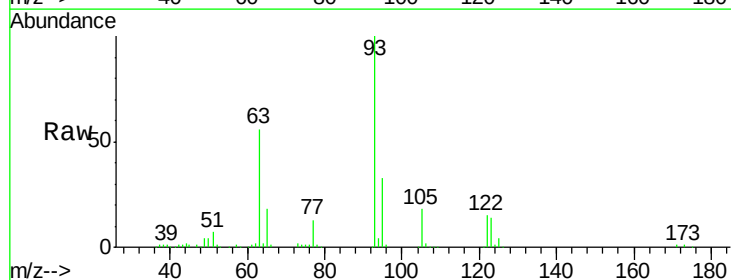
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

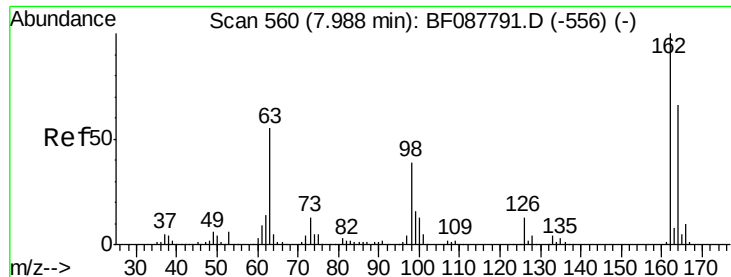
Tgt Ion: 122 Resp: 254428
 Ion Ratio Lower Upper
 122 100
 107 109.7 82.4 123.6
 121 59.3 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.09 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion: 93 Resp: 318983
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 13.9 11.6 17.4

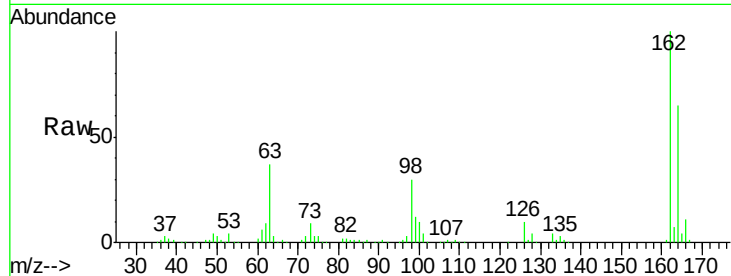




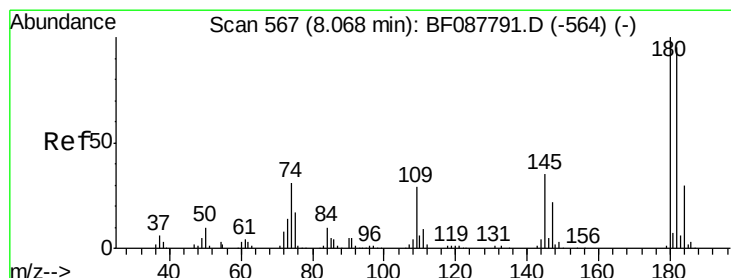
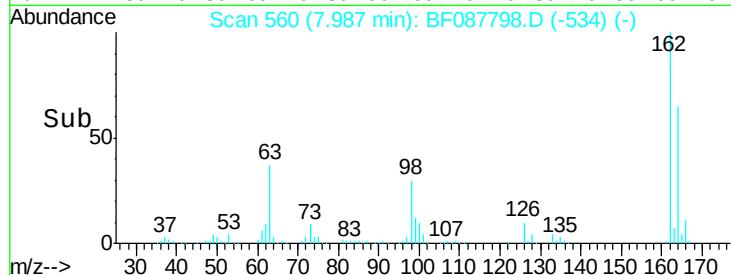
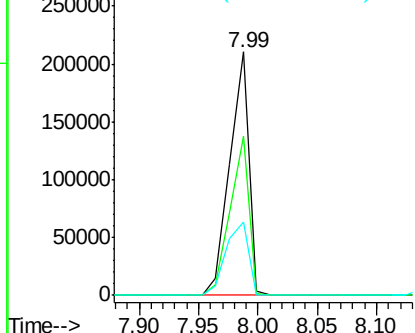
#29
 2,4-Dichlorophenol
 Concen: 45.80 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.8	83.8
98	30.1	21.3	61.3

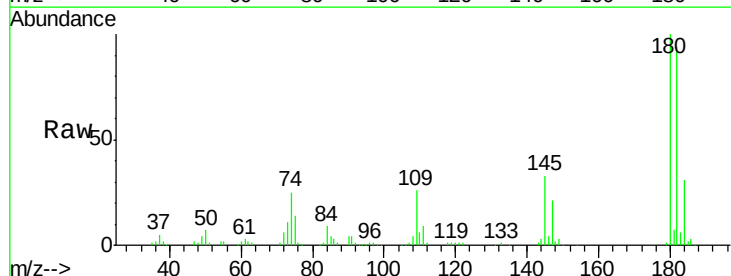


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

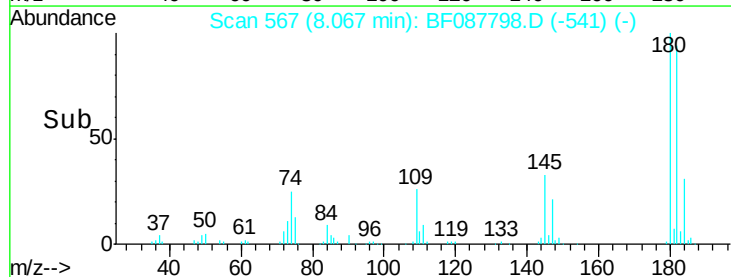
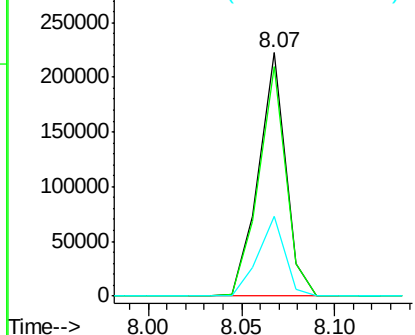


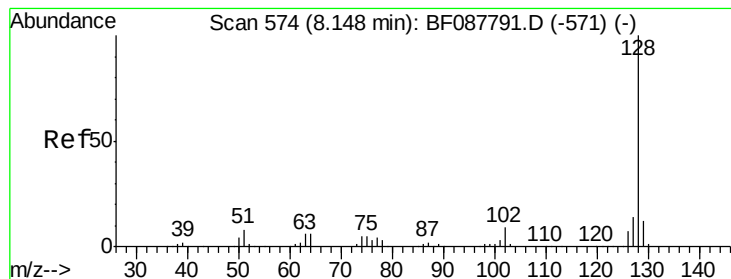
#30
 1,2,4-Trichlorobenzene
 Concen: 40.06 ng
 RT: 8.07 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.0	114.0
145	32.9	26.5	39.7



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





#31

Naphthalene

Concen: 40.56 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

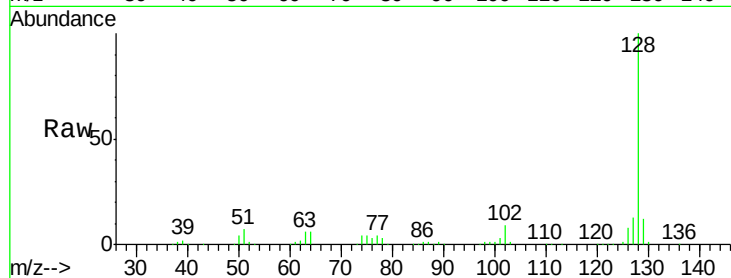
Tgt Ion:128 Resp: 755189

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

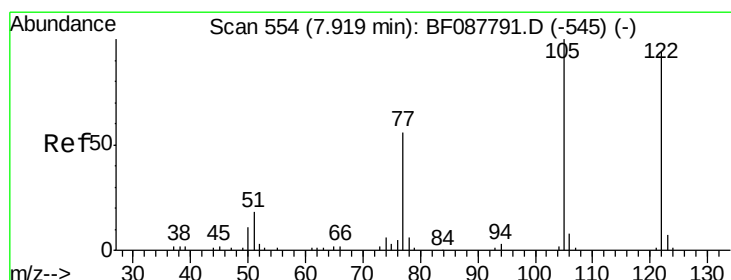
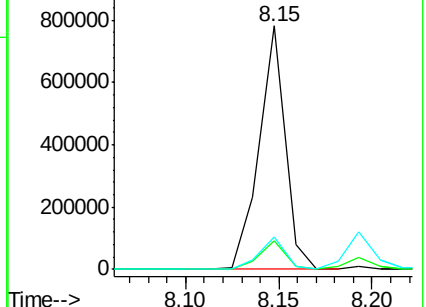
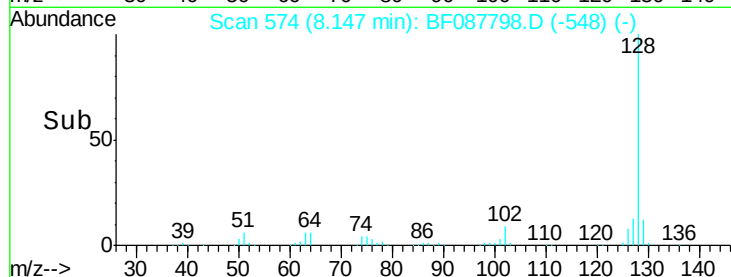
127 13.4 10.9 16.3



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: 50.24 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

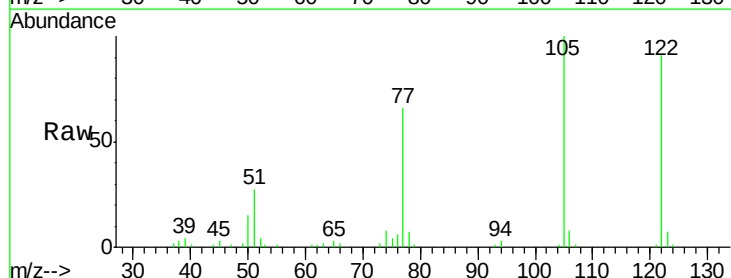
Tgt Ion:122 Resp: 170308

Ion Ratio Lower Upper

122 100

105 110.1 101.6 141.6

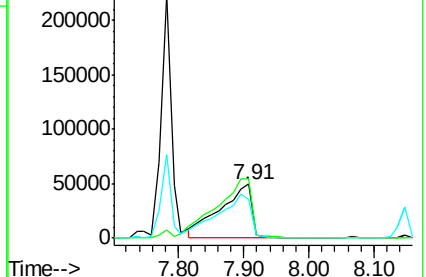
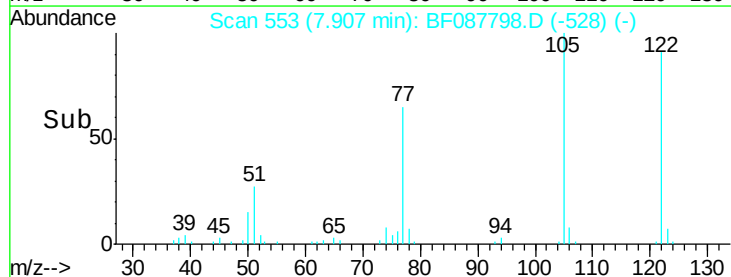
77 72.9 70.6 110.6

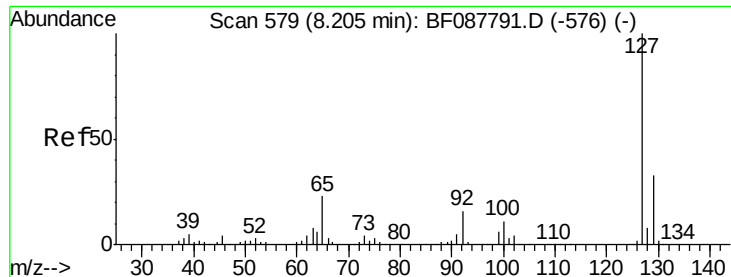


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

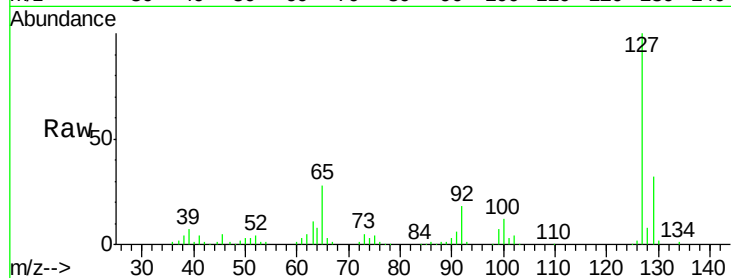




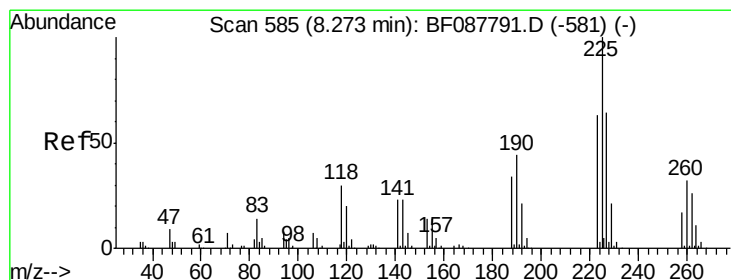
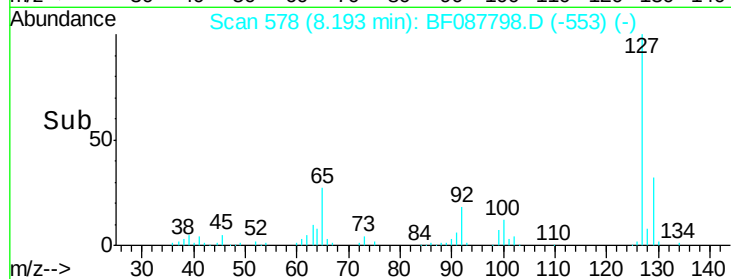
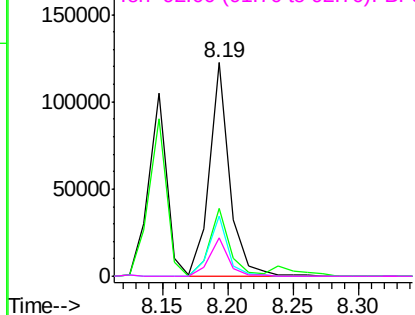
#33
4-Chloroaniline
Concen: 15.86 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tgt Ion:	127	Resp:	131897
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	28.3	24.7	37.1
92	18.0	15.4	23.0

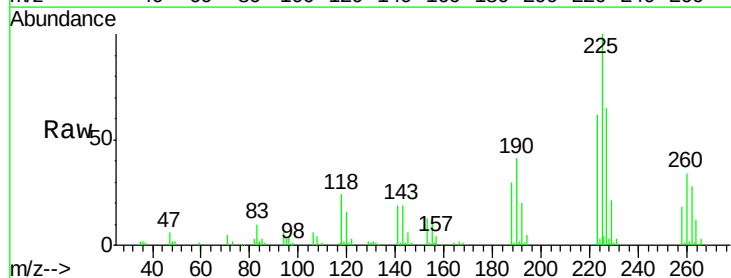


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

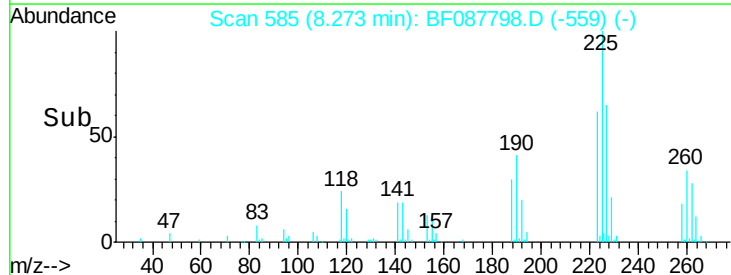
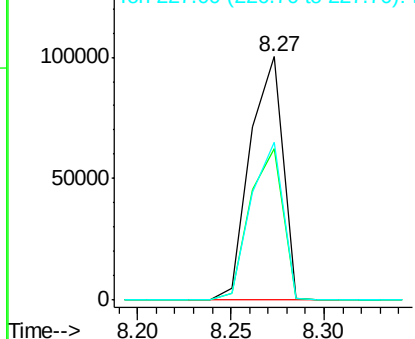


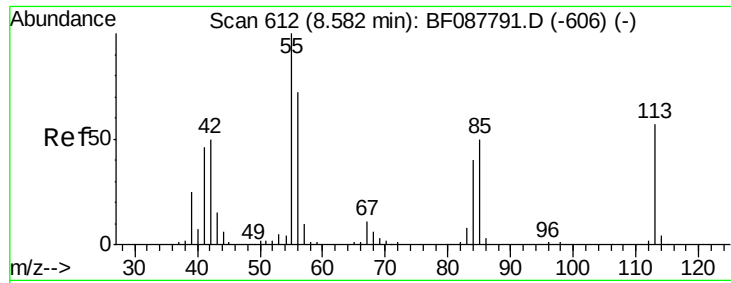
#34
Hexachlorobutadiene
Concen: 41.10 ng
RT: 8.27 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion:	225	Resp:	121310
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.9	76.3
227	65.0	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

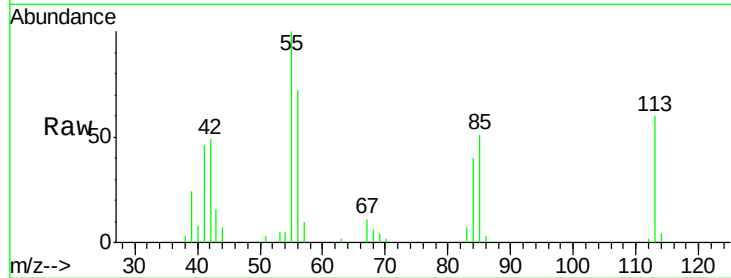




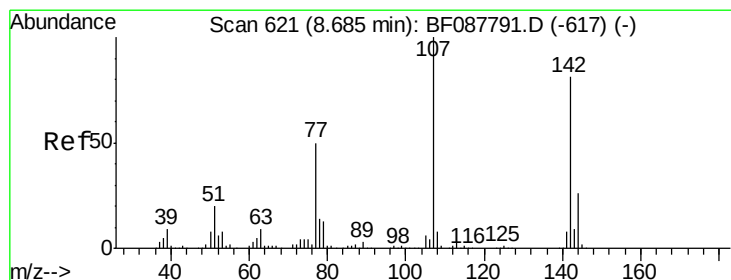
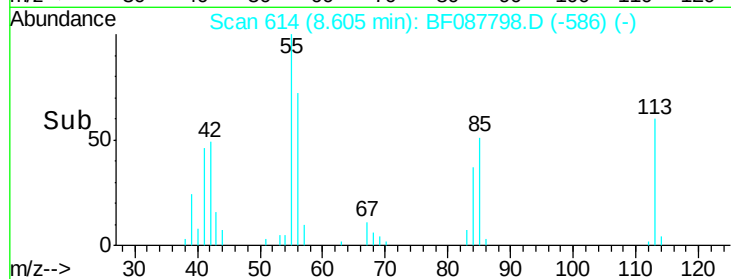
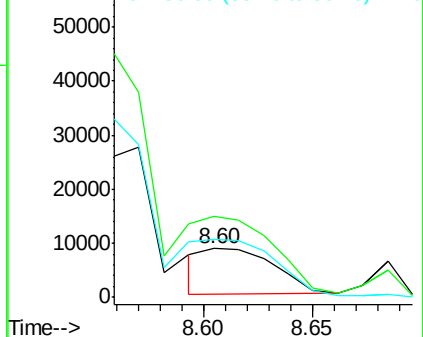
#35
 Caprolactam
 Concen: 11.08 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tgt Ion:113 Resp: 18860
 Ion Ratio Lower Upper
 113 100
 55 165.9 158.6 198.6
 56 118.8 110.6 150.6

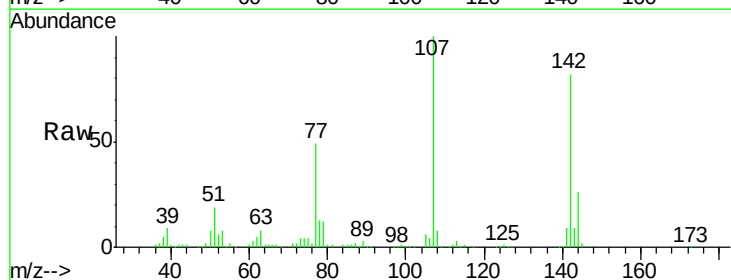


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

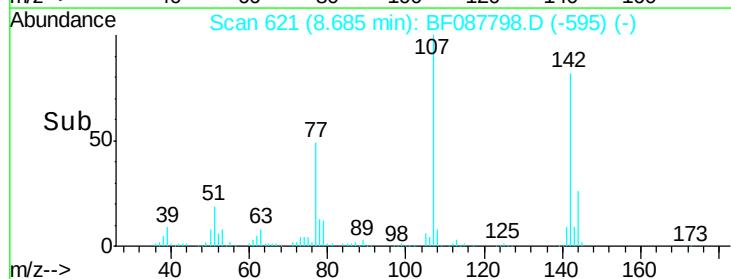
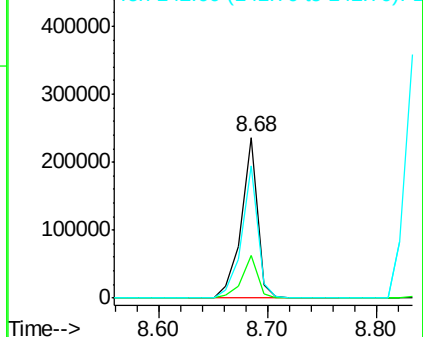


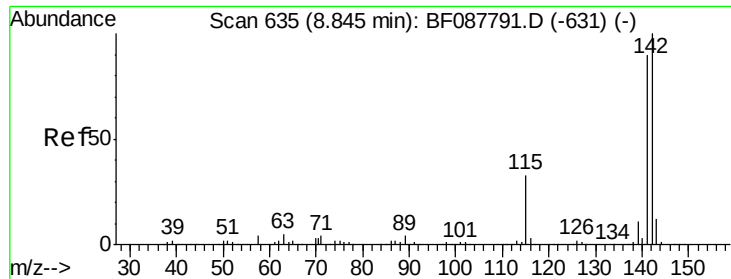
#36
 4-Chloro-3-methylphenol
 Concen: 43.87 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion:107 Resp: 241141
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.8 31.2
 142 81.9 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

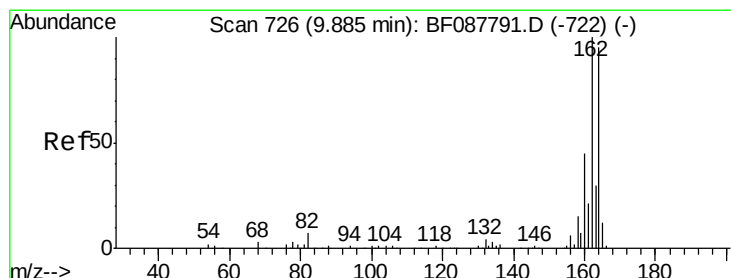
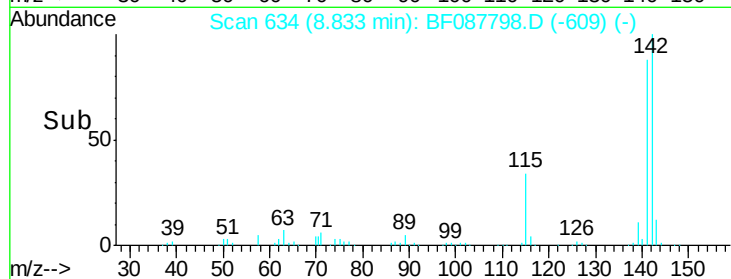
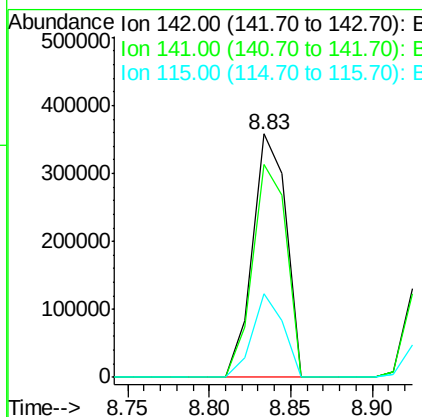
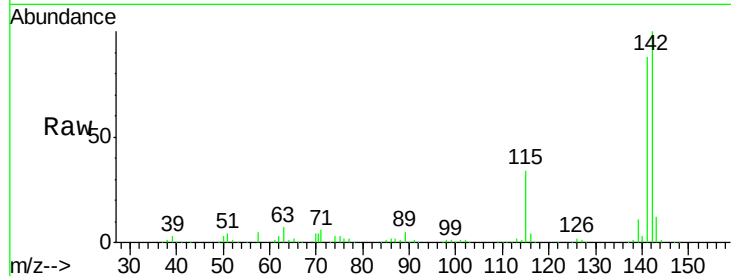




#37
2-Methylnaphthalene
Concen: 41.54 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

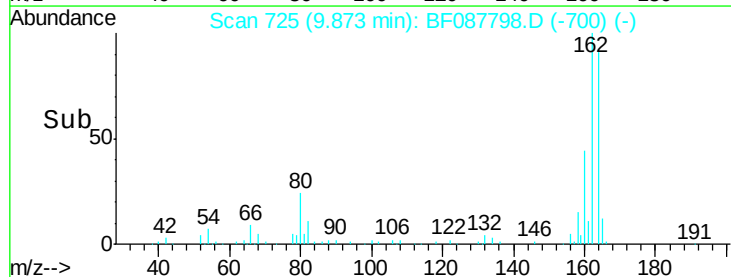
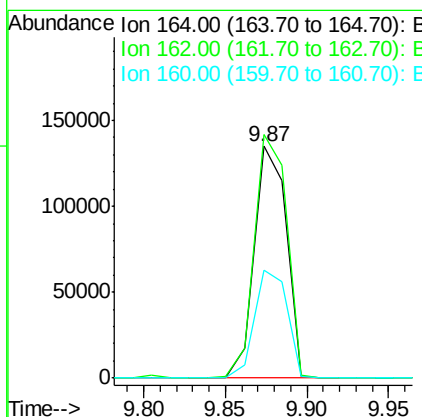
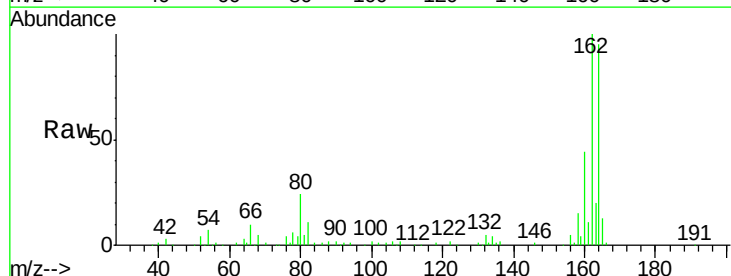
Instrument :
BNA_F
ClientSampleId :
PB91075BSD

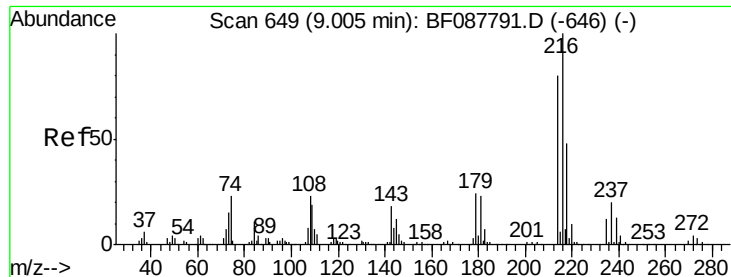
Tgt Ion:142 Resp: 509775
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.6
115 34.4 22.6 33.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion:164 Resp: 184695
Ion Ratio Lower Upper
164 100
162 104.9 85.4 128.2
160 46.5 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.73 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

Tgt Ion:216 Resp: 208949

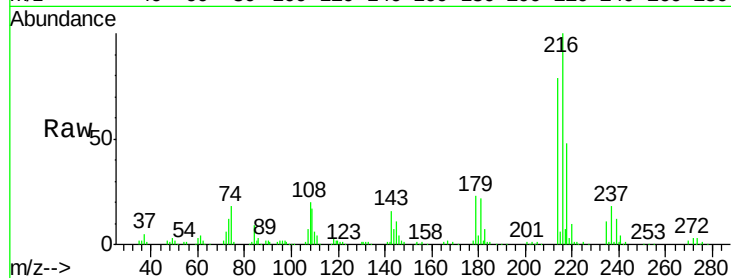
Ion Ratio Lower Upper

216 100

214 79.6 2.9 4.3#

179 22.8 0.0 0.0#

108 23.9 0.5 0.7#

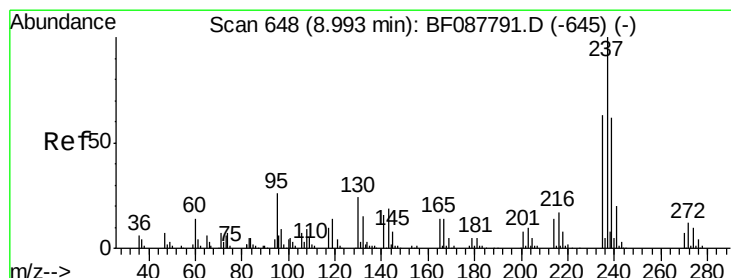
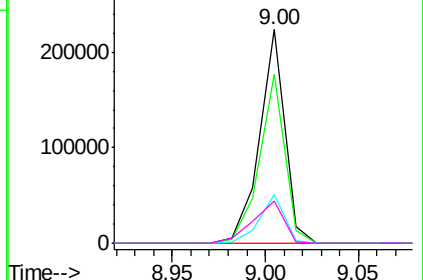
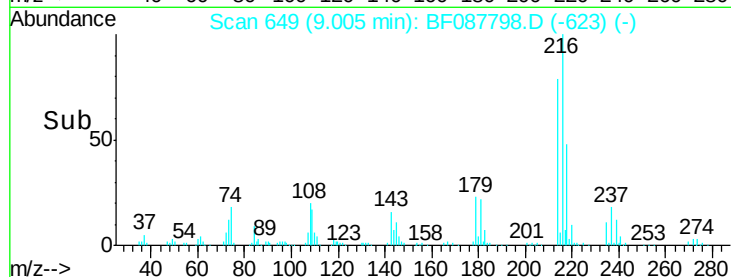


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.95 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

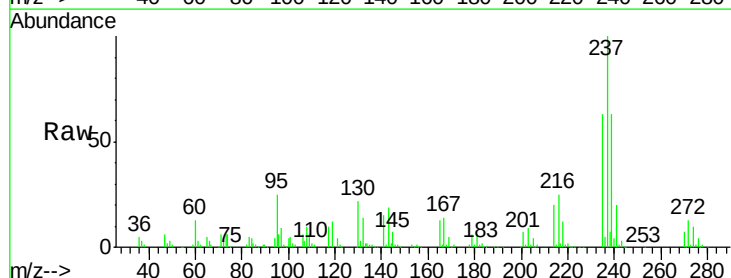
Tgt Ion:237 Resp: 235213

Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

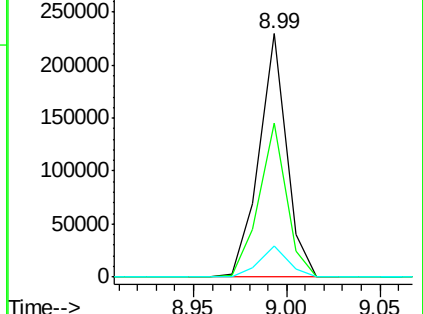
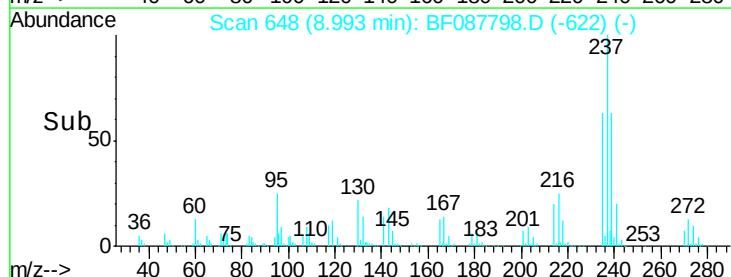
272 12.6 0.0 32.3

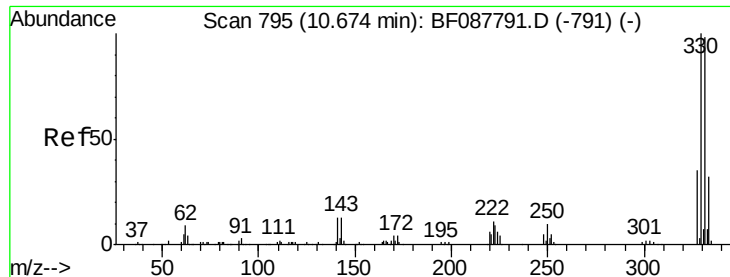


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

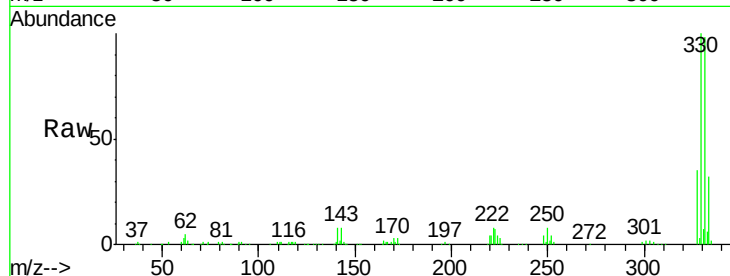




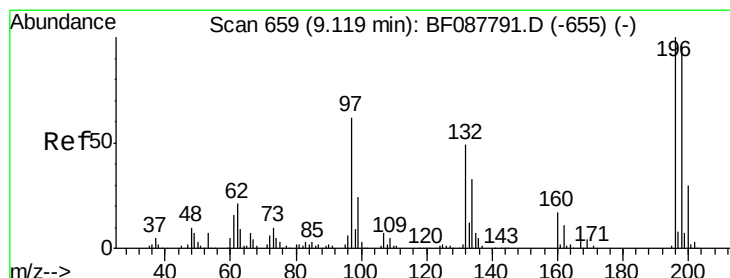
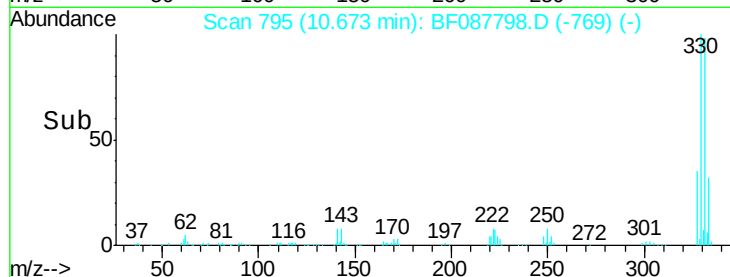
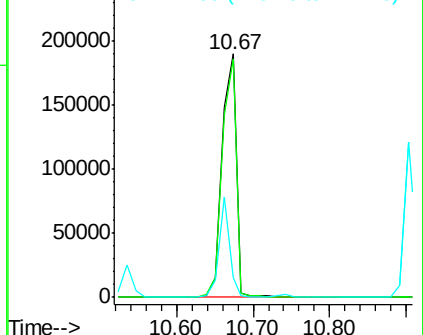
#41
 2,4,6-Tribromophenol
 Concen: 127.93 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	30.2	0.0	0.0#

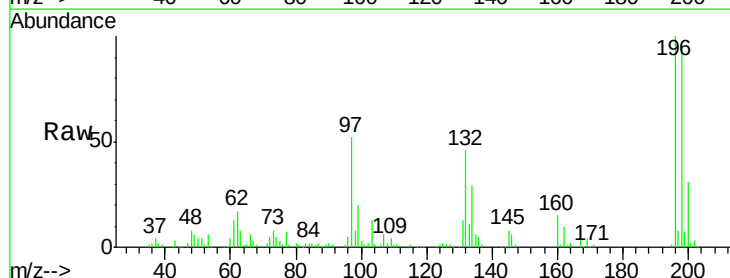


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

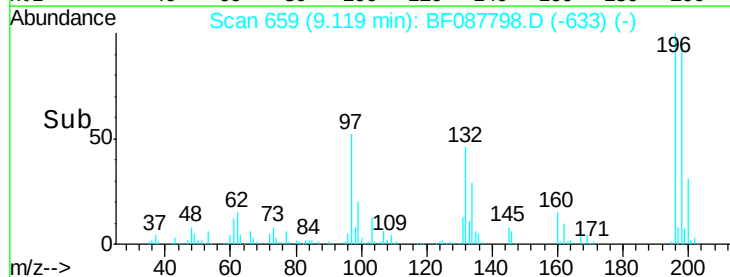
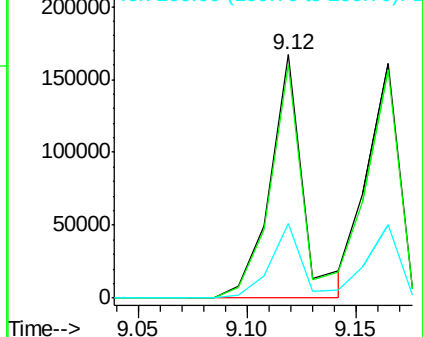


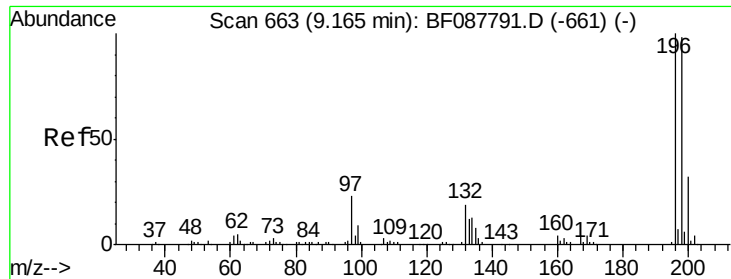
#42
 2,4,6-Trichlorophenol
 Concen: 47.80 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	78.0	117.0
200	30.7	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

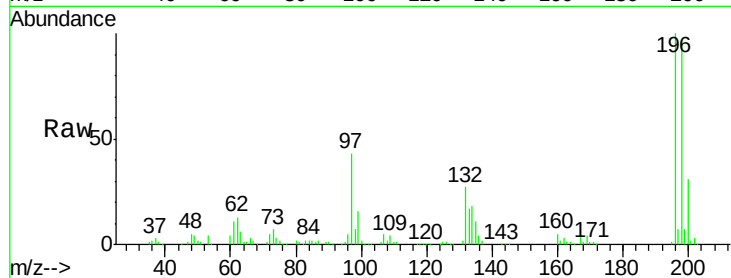




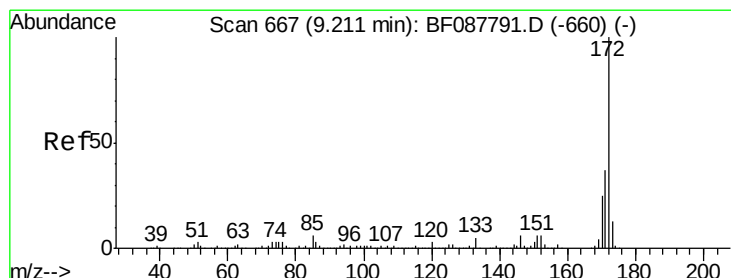
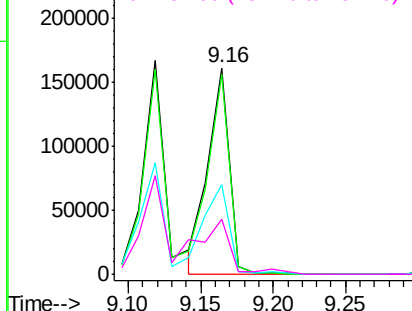
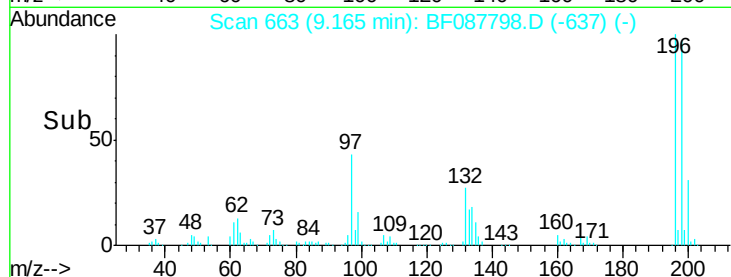
#43
 2,4,5-Trichlorophenol
 Concen: 43.25 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tgt Ion:196 Resp: 166206
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.5 116.3
 97 43.2 32.0 48.0
 132 26.8 20.9 31.3

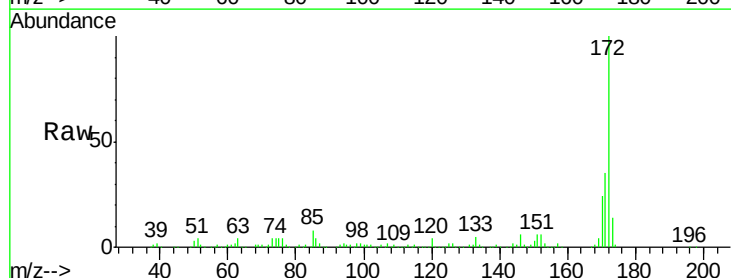


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

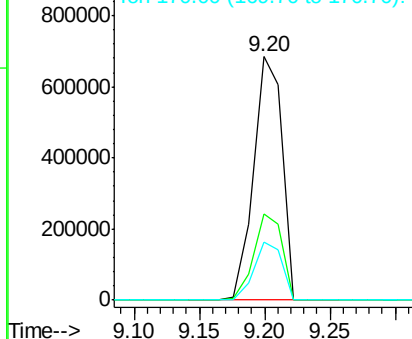
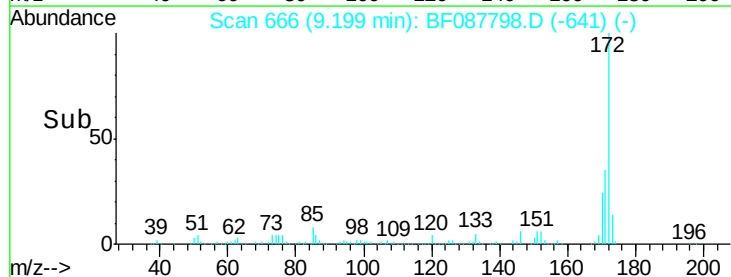


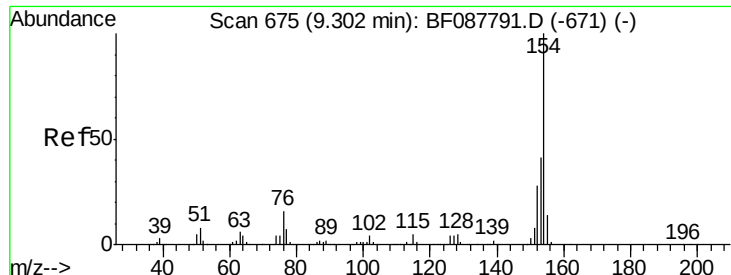
#44
 2-Fluorobiphenyl
 Concen: 88.53 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion:172 Resp: 1038158
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.8 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: 43.87 ng

RT: 9.30 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

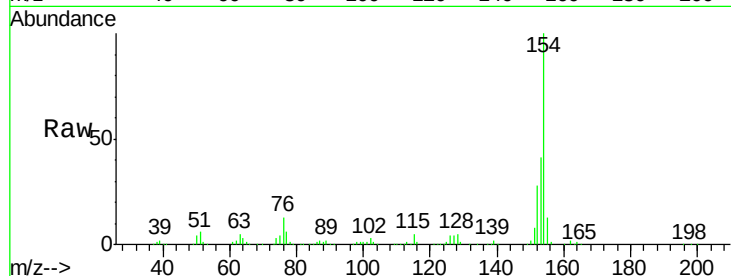
Tgt Ion:154 Resp: 610377

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

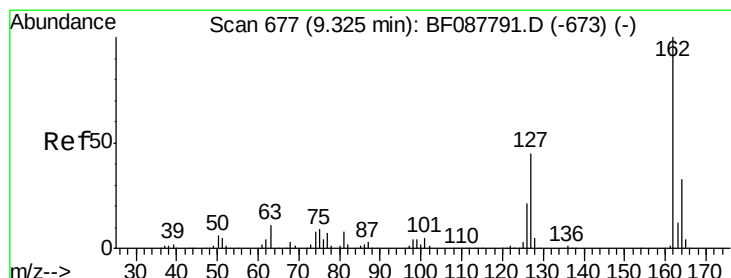
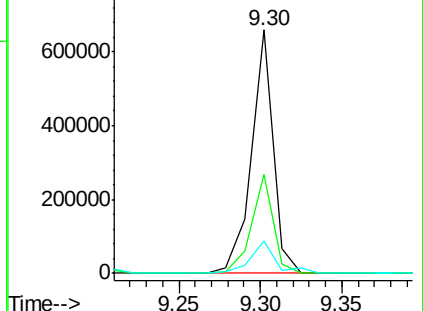
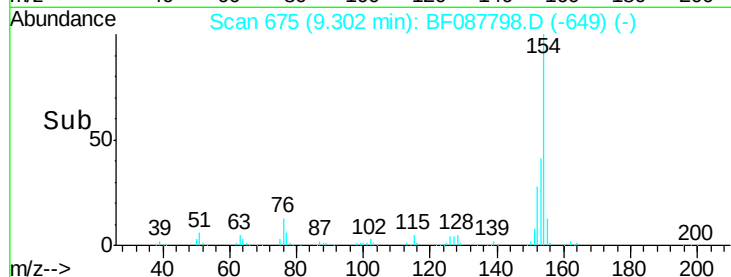
76 13.4 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.56 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

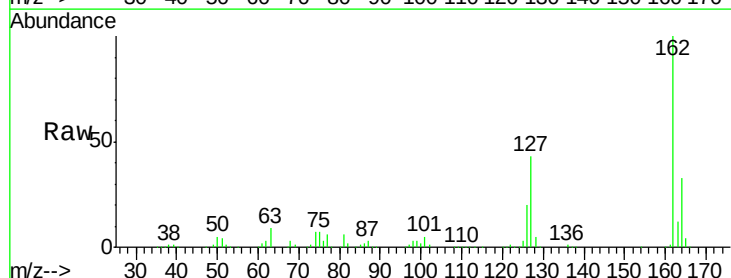
Tgt Ion:162 Resp: 484775

Ion Ratio Lower Upper

162 100

127 42.5 35.2 52.8

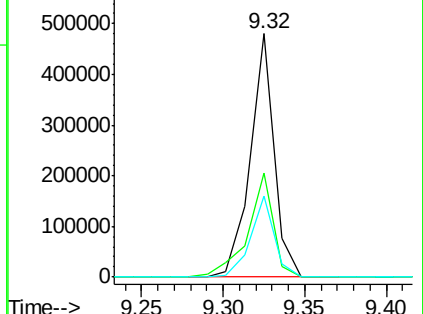
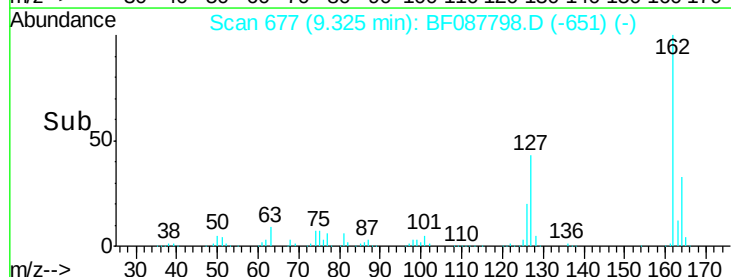
164 33.1 26.6 39.8

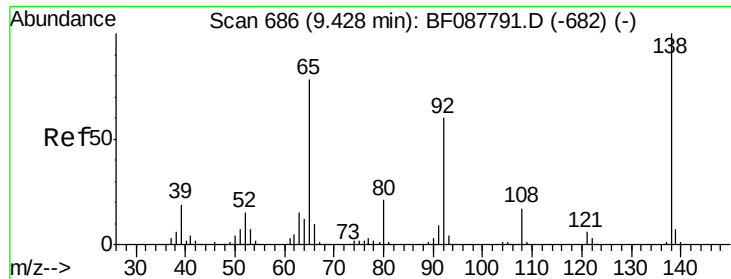


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

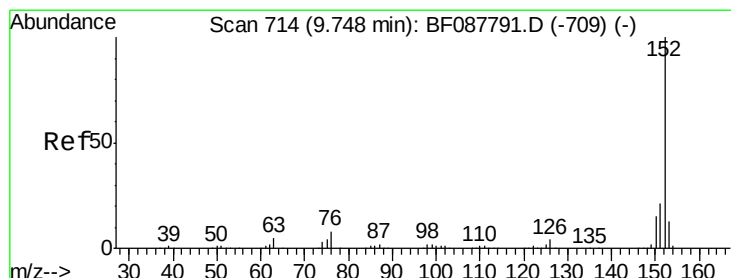
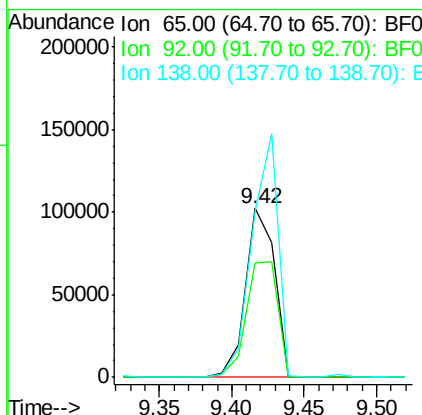
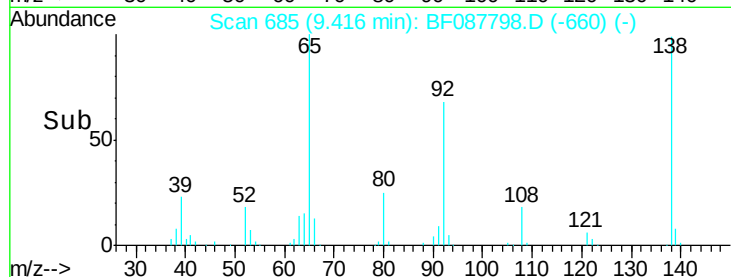
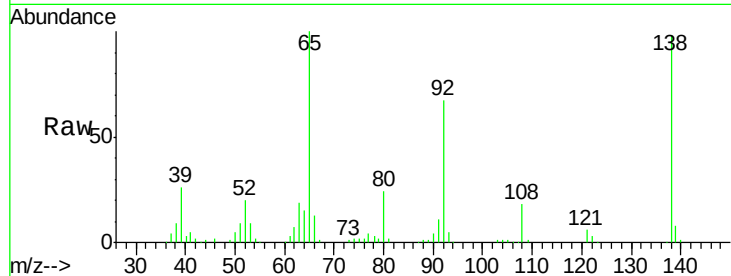




#47
 2-Nitroaniline
 Concen: 40.26 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

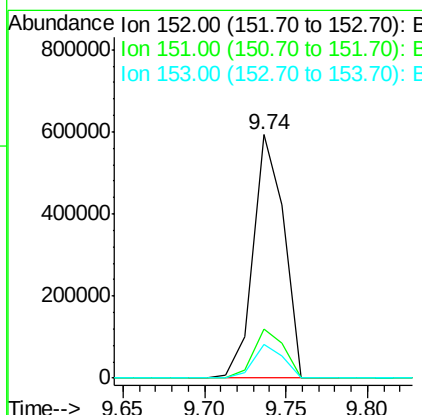
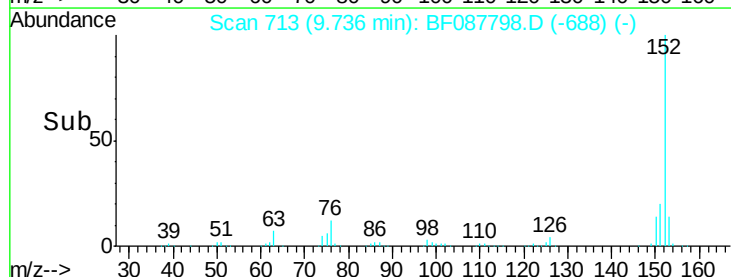
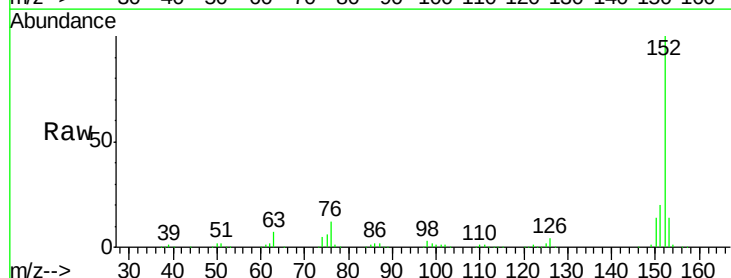
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

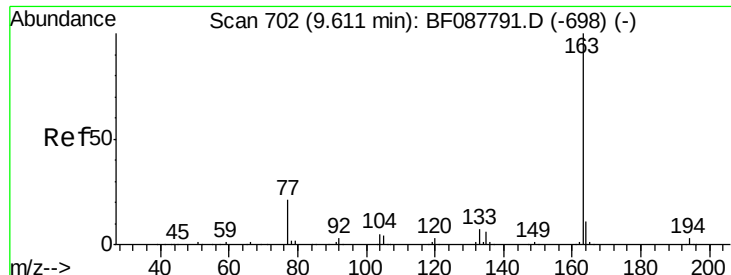
Tgt Ion: 65 Resp: 141928
 Ion Ratio Lower Upper
 65 100
 92 67.4 54.6 82.0
 138 97.5 77.0 115.4



#48
 Acenaphthylene
 Concen: 40.64 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion: 152 Resp: 772501
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.4
 153 13.6 11.0 16.6

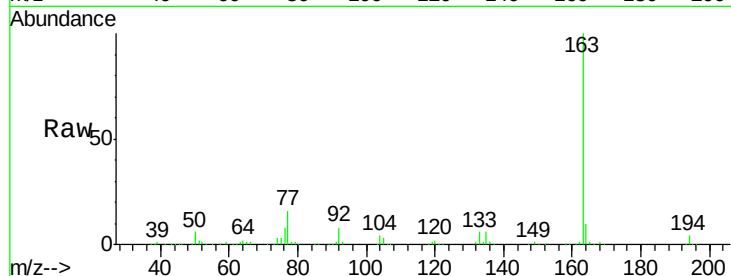




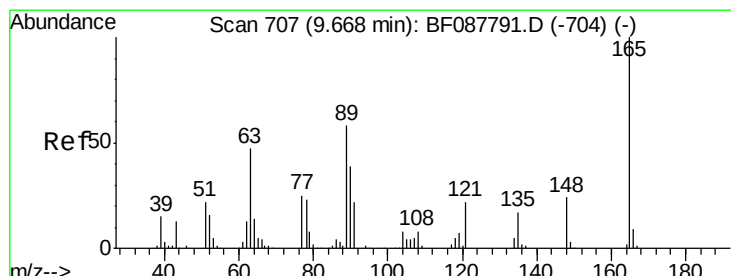
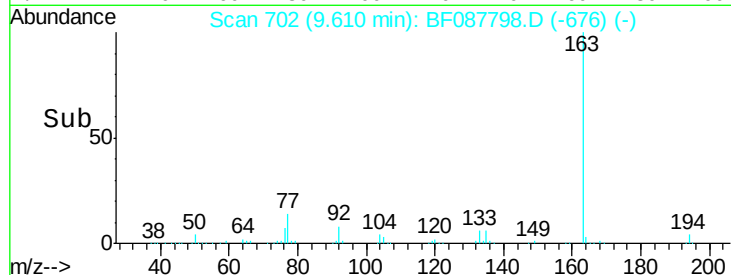
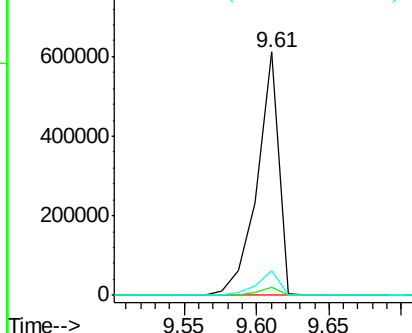
#49
Dimethylphthalate
Concen: 47.18 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Tgt Ion:163 Resp: 631274
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.0 8.3 12.5

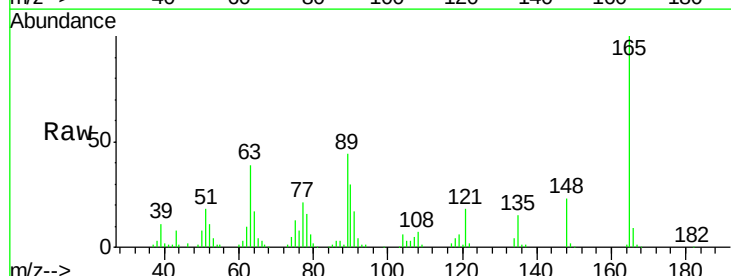


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

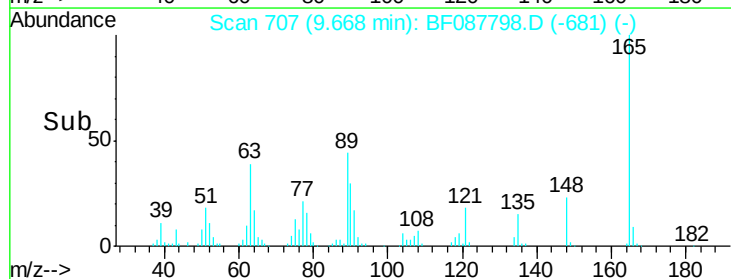
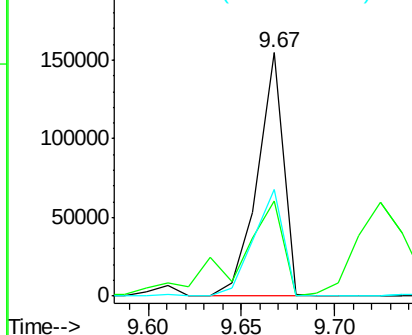


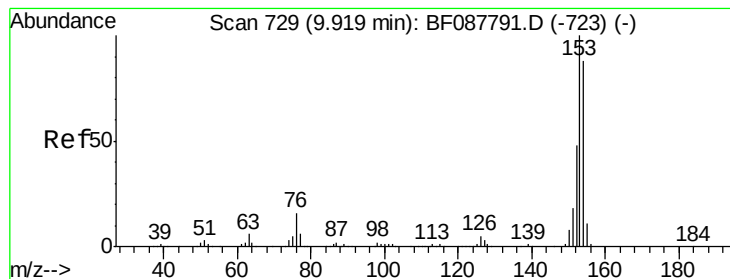
#50
2,6-Dinitrotoluene
Concen: 48.72 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion:165 Resp: 149274
Ion Ratio Lower Upper
165 100
63 39.0 28.1 42.1
89 44.0 32.2 48.2



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





#51

Acenaphthene

Concen: 44.36 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

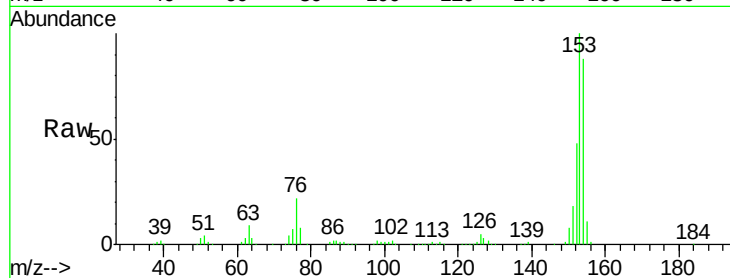
Tgt Ion:154 Resp: 526068

Ion Ratio Lower Upper

154 100

153 113.0 89.5 134.3

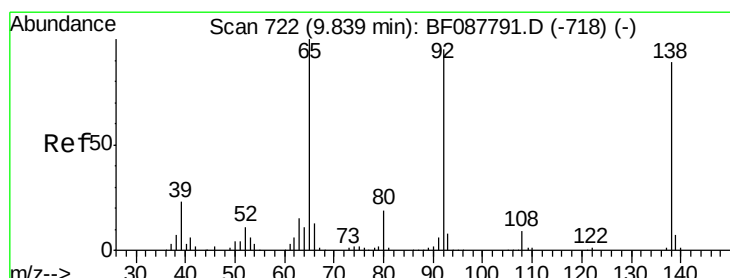
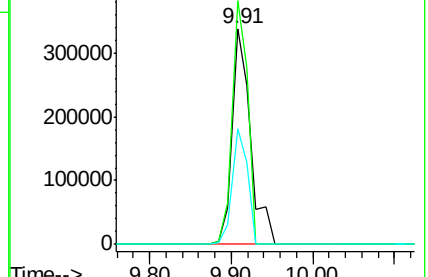
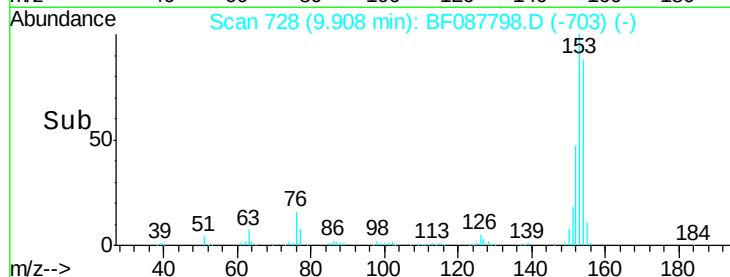
152 53.8 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.05 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

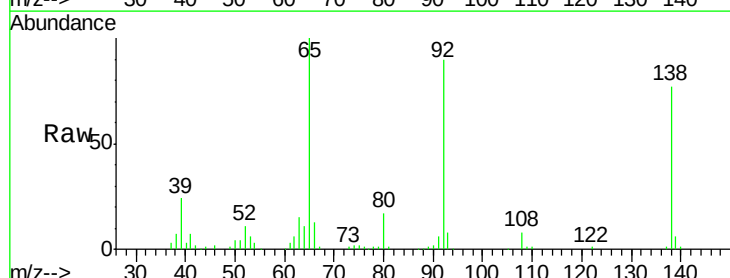
Tgt Ion:138 Resp: 74433

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

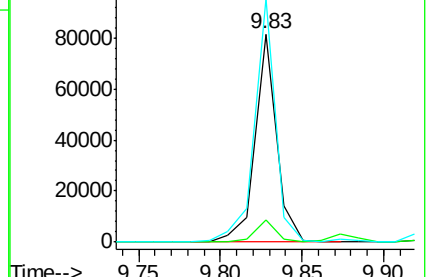
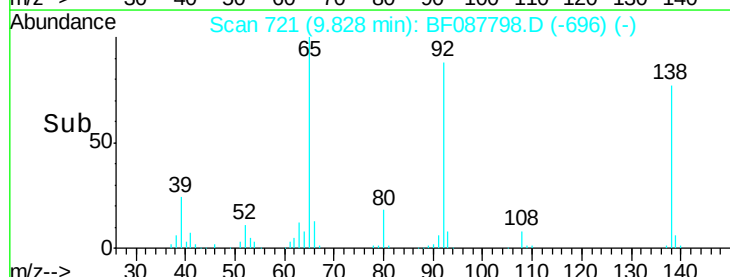
92 117.1 95.7 143.5

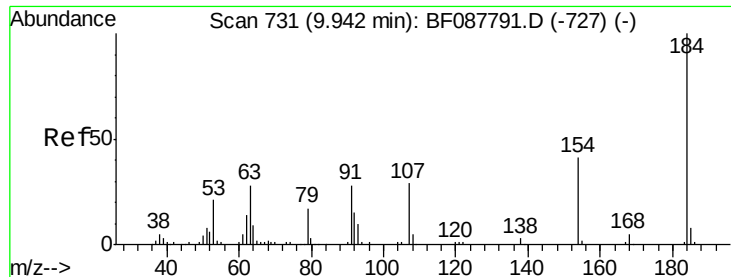


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

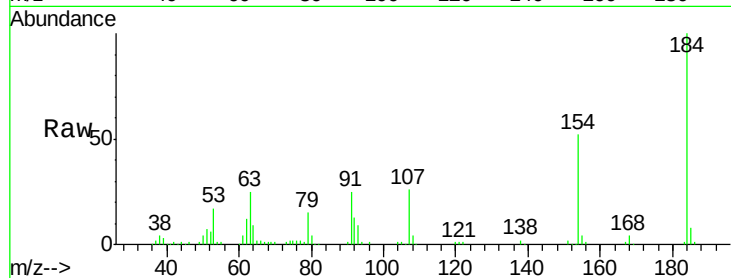




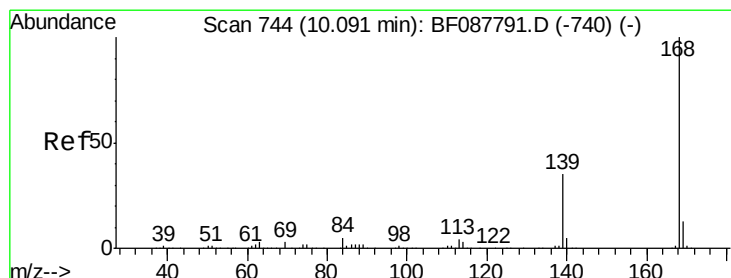
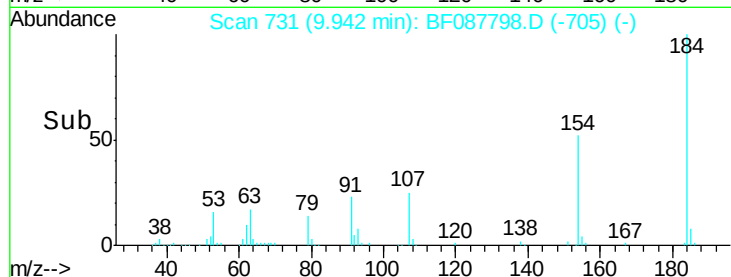
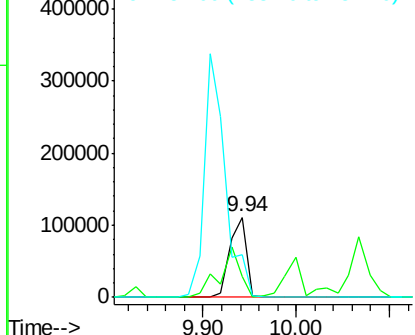
#53
 2,4-Dinitrophenol
 Concen: 83.53 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tgt Ion:184 Resp: 141886
 Ion Ratio Lower Upper
 184 100
 63 25.3 57.6 86.4#
 154 52.4 53.5 80.3#

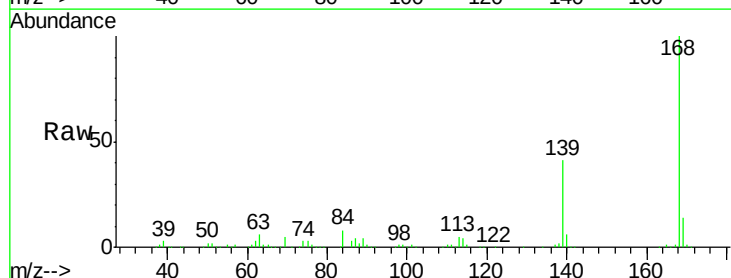


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

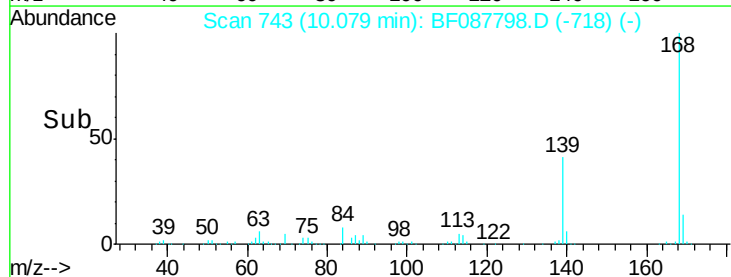
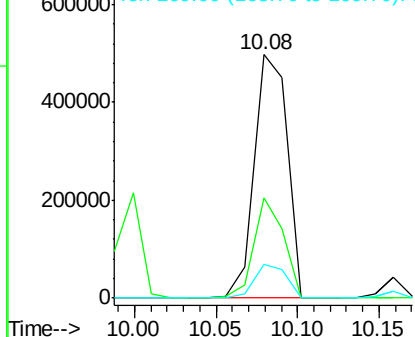


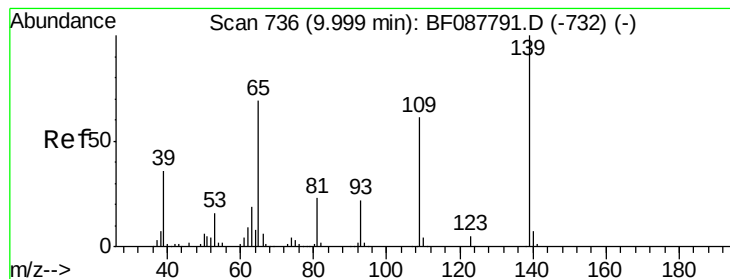
#54
 Dibenzofuran
 Concen: 42.73 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion:168 Resp: 697912
 Ion Ratio Lower Upper
 168 100
 139 41.2 26.4 39.6#
 169 14.0 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: 83.92 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

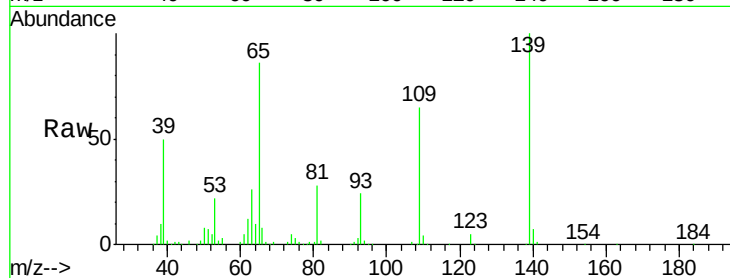
Tgt Ion:139 Resp: 230297

Ion Ratio Lower Upper

139 100

109 65.2 48.9 88.9

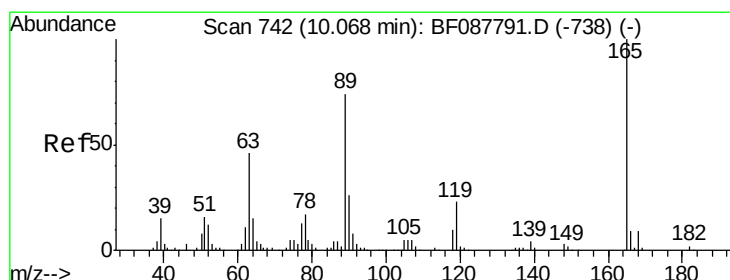
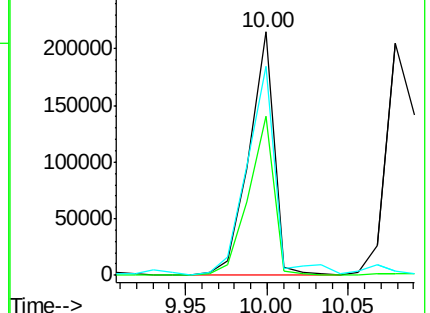
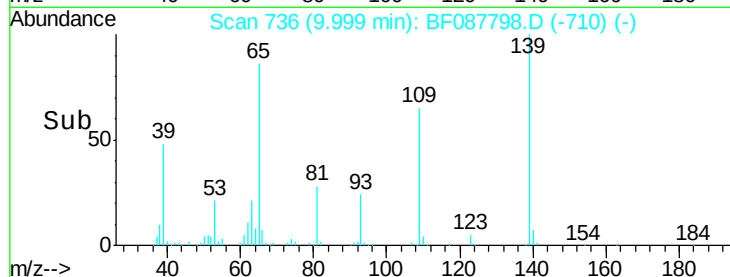
65 86.1 84.9 124.9



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: 47.84 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Tgt Ion:165 Resp: 188376

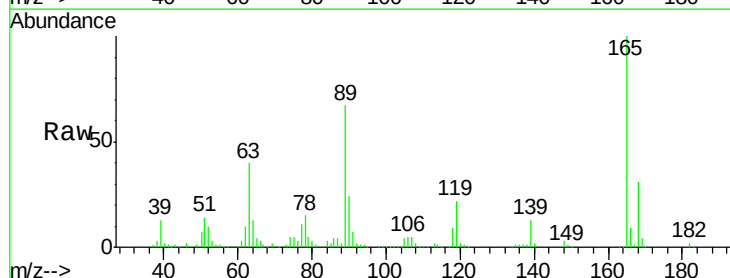
Ion Ratio Lower Upper

165 100

63 40.4 22.0 33.0#

89 66.5 41.1 61.7#

182 2.4 2.0 3.0

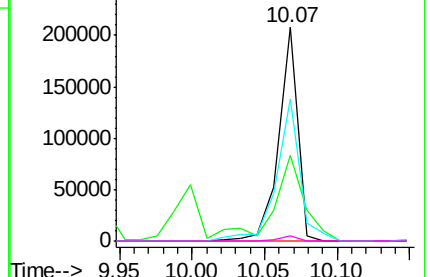
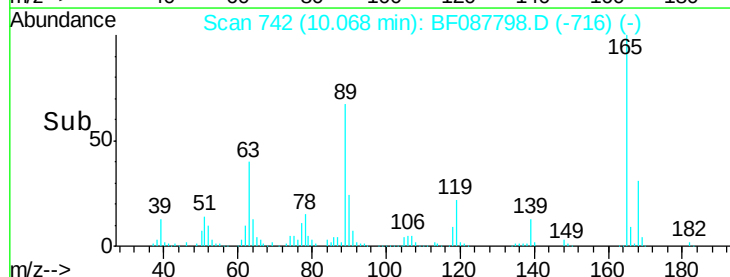


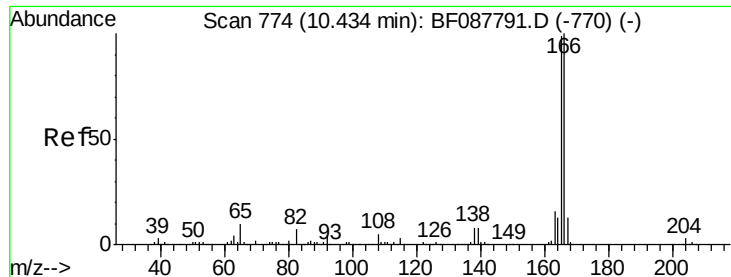
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.42 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

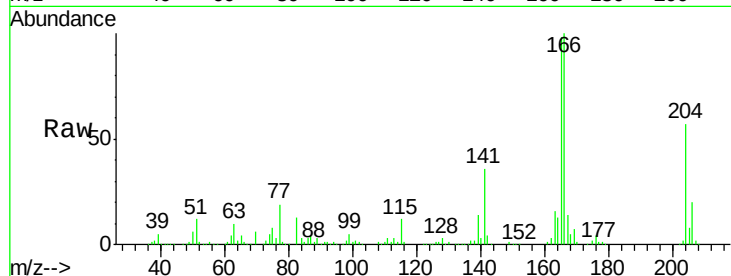
Tgt Ion:166 Resp: 481139

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.8

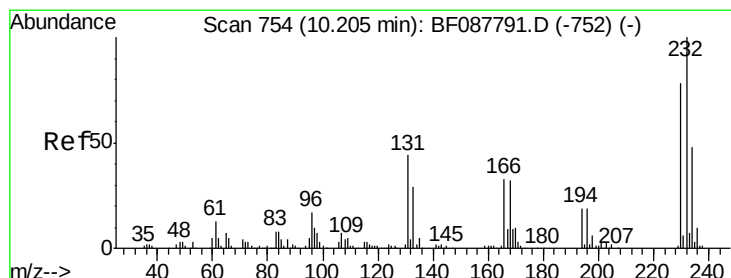
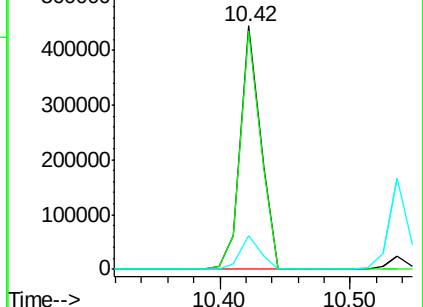
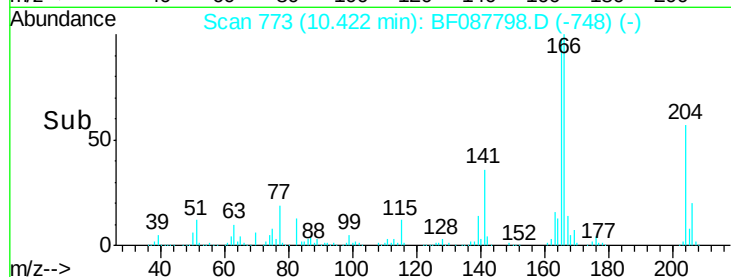
167 14.0 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.06 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Tgt Ion:232 Resp: 139102

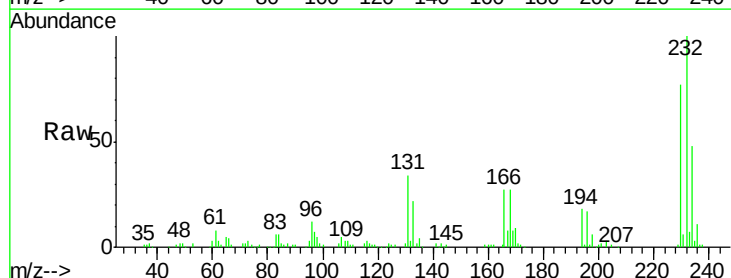
Ion Ratio Lower Upper

232 100

131 47.1 0.9 1.3#

130 2.2 1.5 2.3

166 32.1 0.5 0.7#

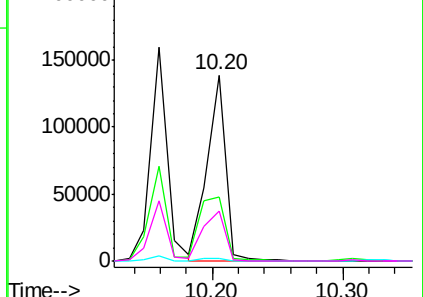
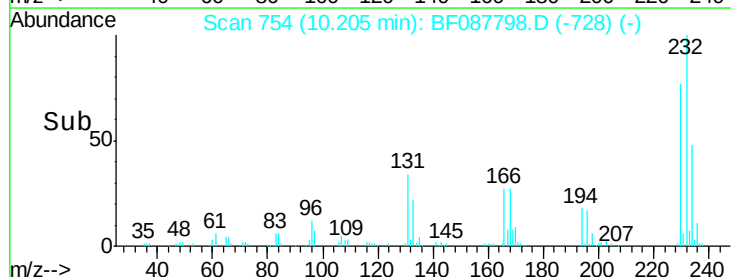


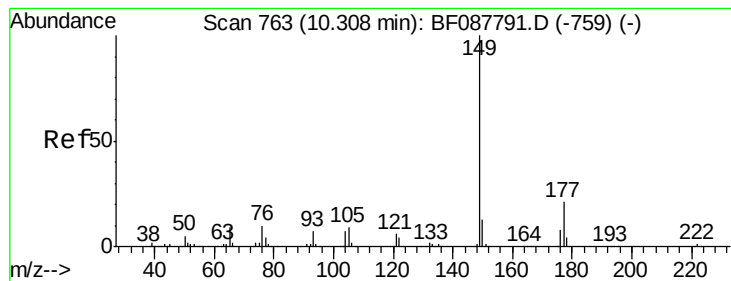
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.78 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

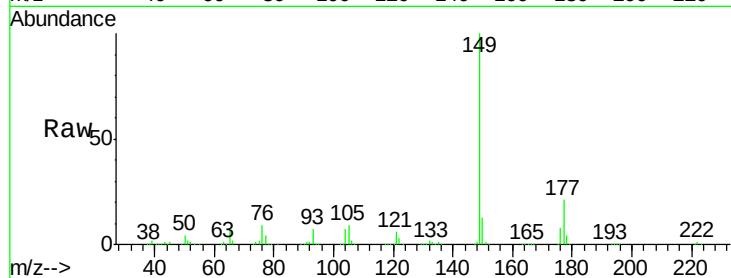
Tgt Ion:149 Resp: 606437

Ion Ratio Lower Upper

149 100

177 21.2 16.9 25.3

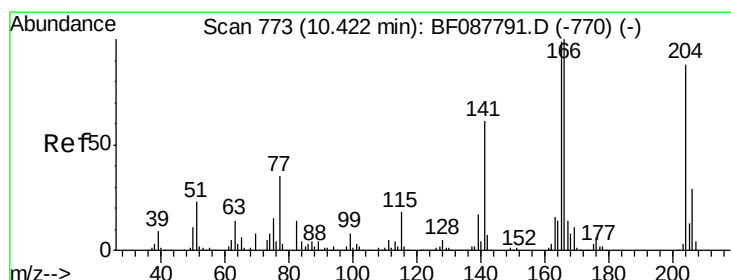
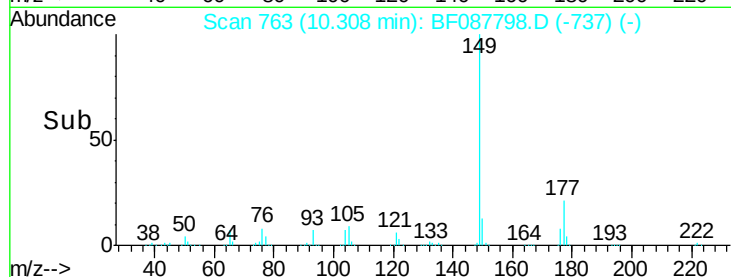
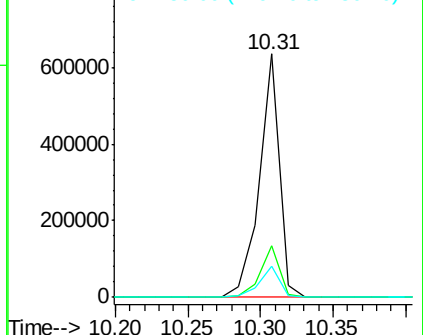
150 12.7 10.1 15.1



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: 43.68 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

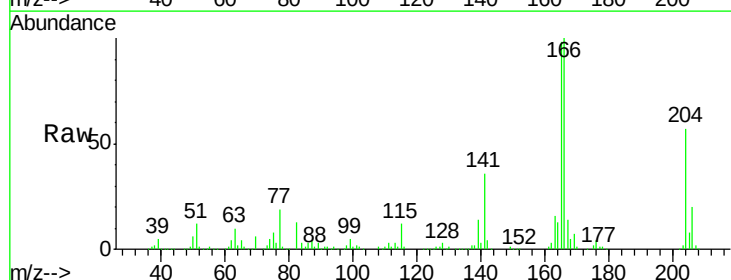
Tgt Ion:204 Resp: 237265

Ion Ratio Lower Upper

204 100

206 34.1 26.3 39.5

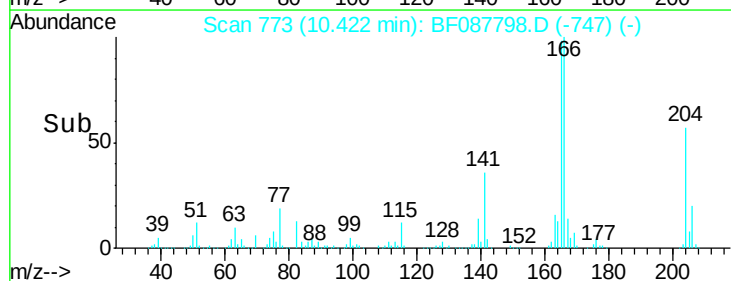
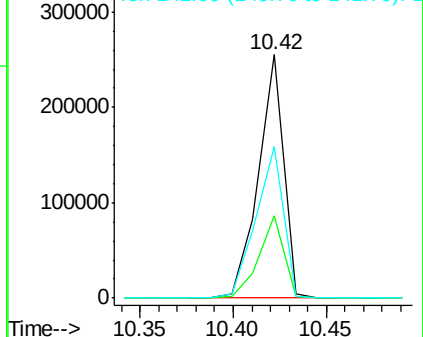
141 62.1 55.0 82.6

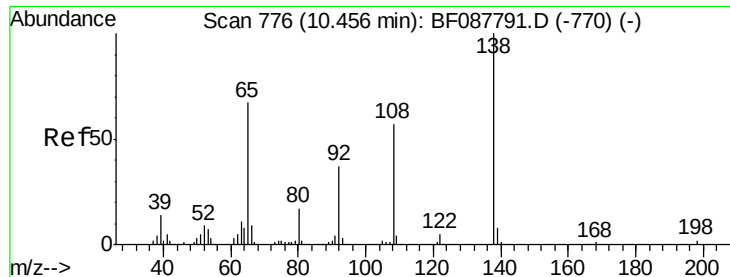


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

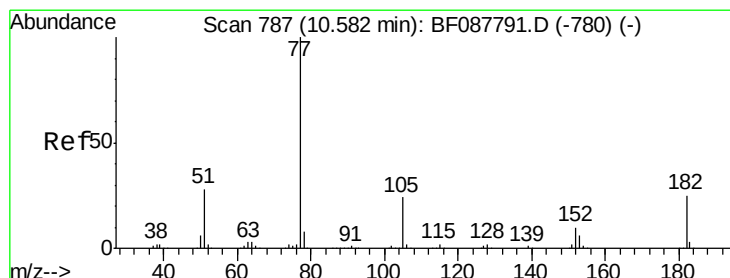
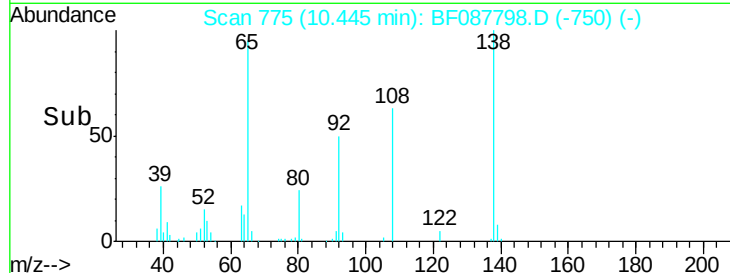
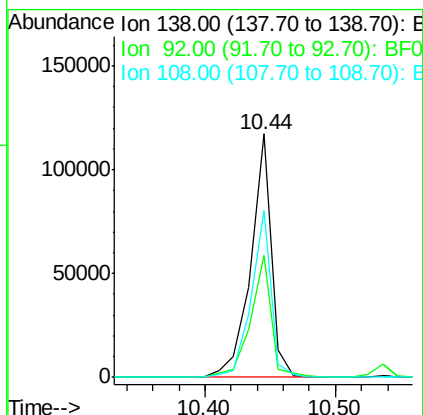
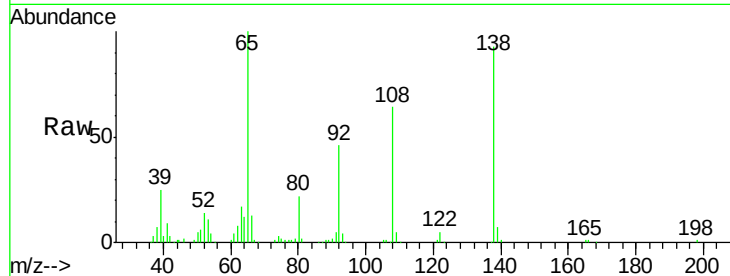




#61
4-Nitroaniline
Concen: 38.53 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

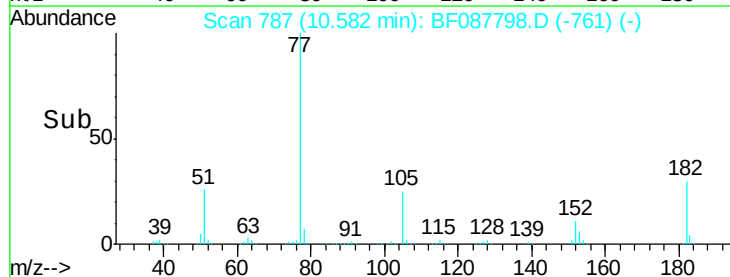
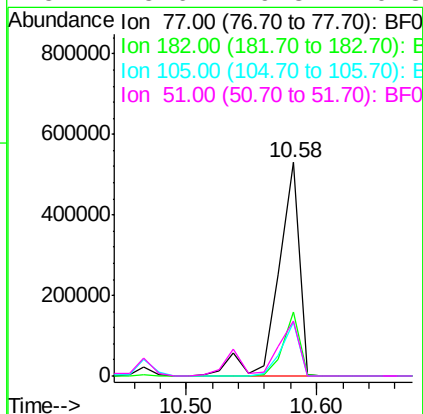
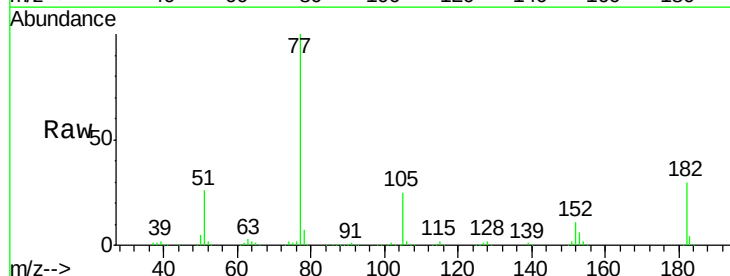
Instrument :
BNA_F
ClientSampleId :
PB91075BSD

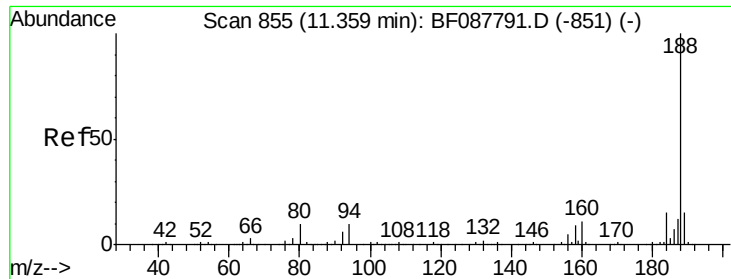
Tgt Ion:138 Resp: 129219
Ion Ratio Lower Upper
138 100
92 50.0 27.3 67.3
108 68.8 46.7 86.7



#62
Azobenzene
Concen: 45.57 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion: 77 Resp: 610306
Ion Ratio Lower Upper
77 100
182 29.9 4.4 44.4
105 25.3 3.8 43.8
51 25.6 9.3 49.3

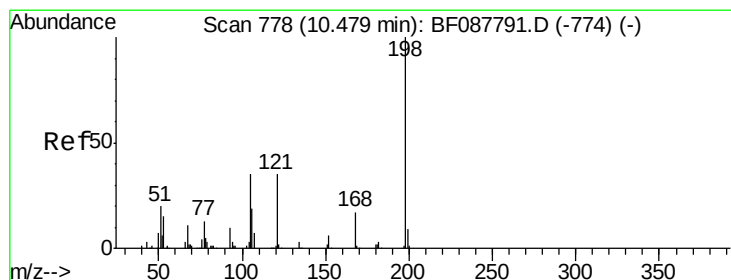
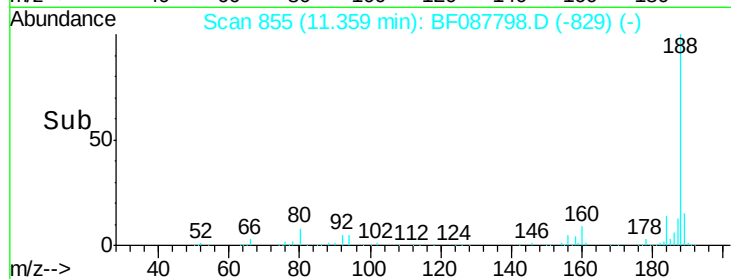
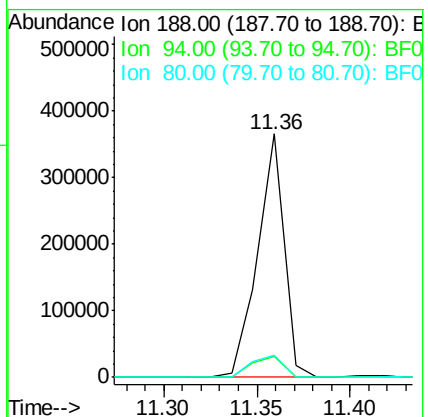
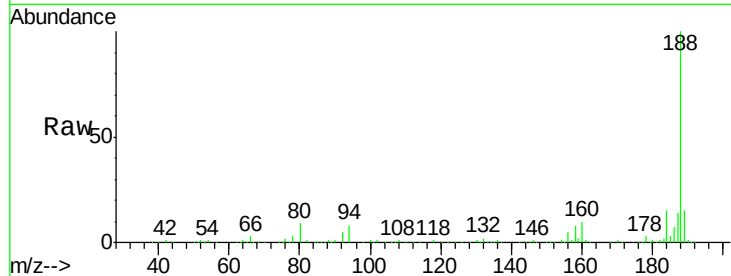




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

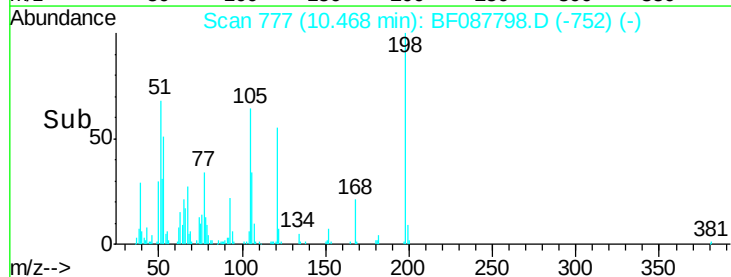
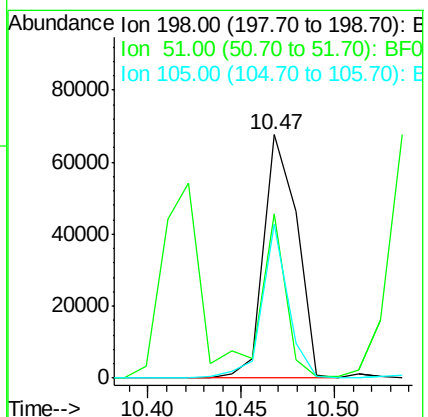
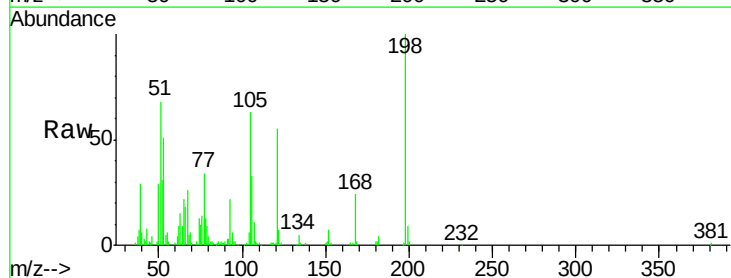
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

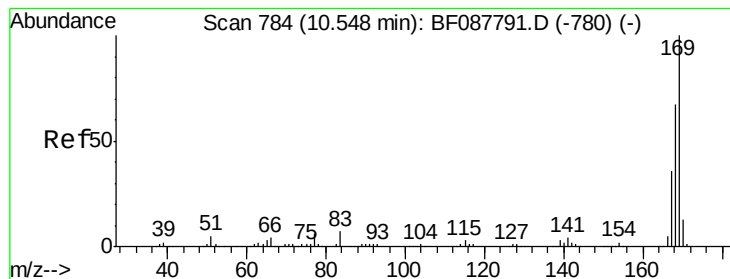
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.6#
80	8.9	10.0	15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.71 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion	Ratio	Lower	Upper
198	100		
51	67.7	39.6	79.6
105	63.3	36.6	76.6

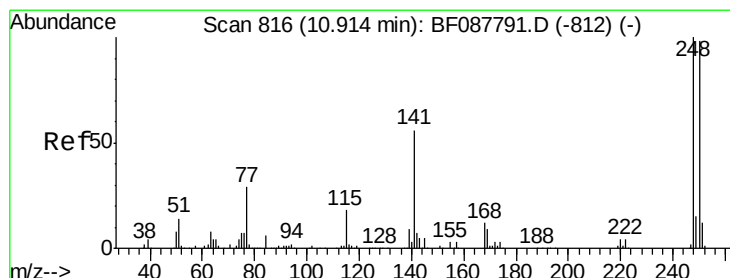
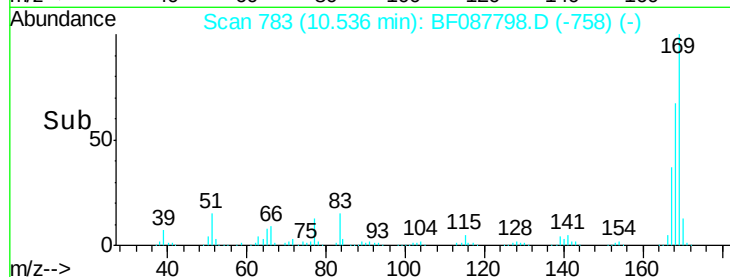
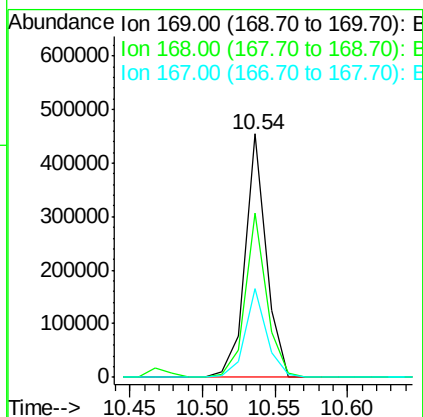
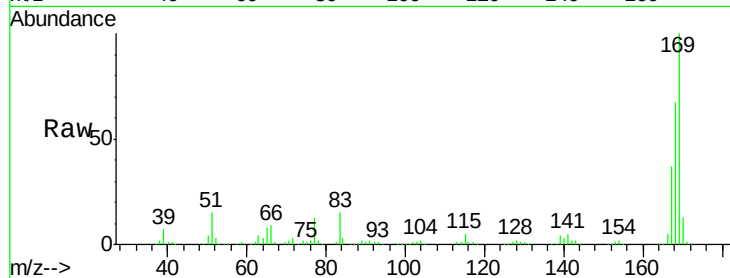




#65
 n-Nitrosodiphenylamine
 Concen: 38.52 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

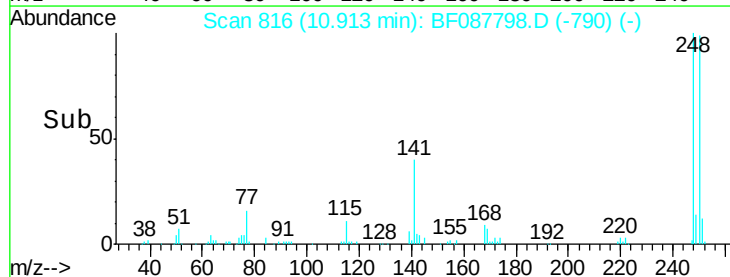
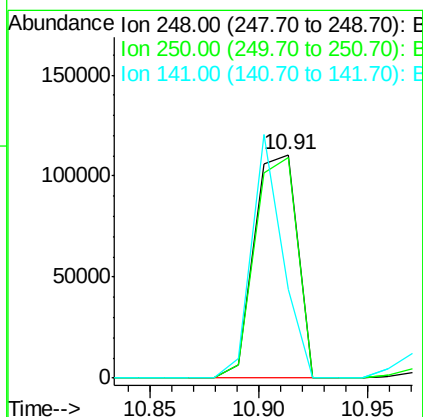
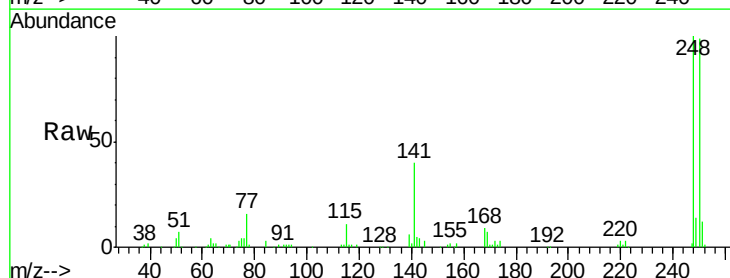
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

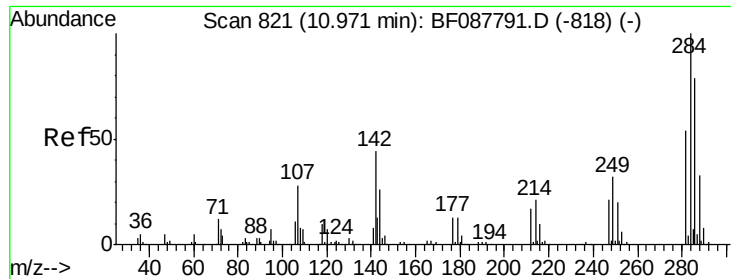
Tgt Ion:169 Resp: 457855
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.4 80.0
 167 36.6 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 39.86 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion:248 Resp: 153175
 Ion Ratio Lower Upper
 248 100
 250 98.9 77.1 115.7
 141 39.6 50.6 76.0#

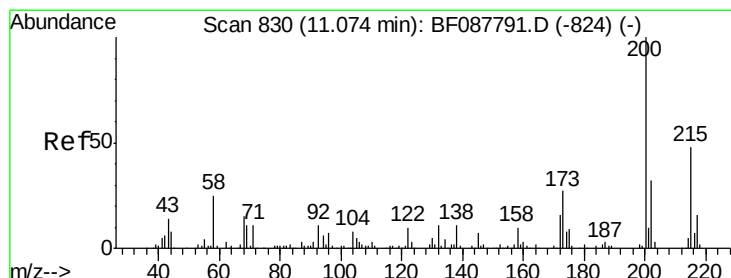
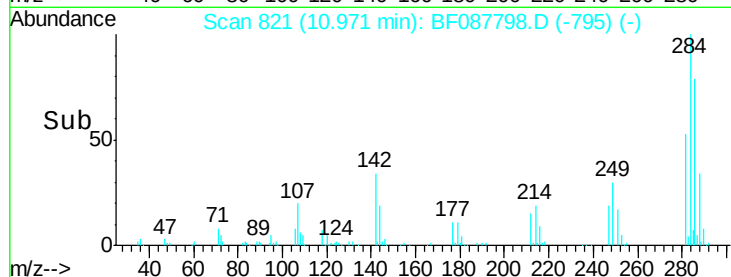
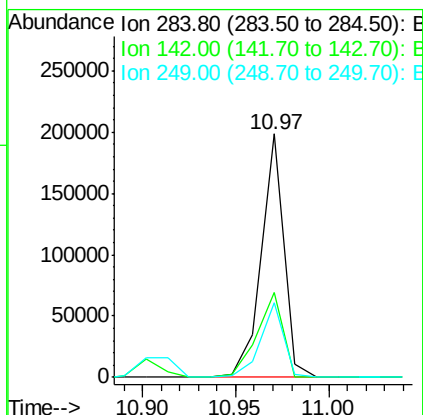
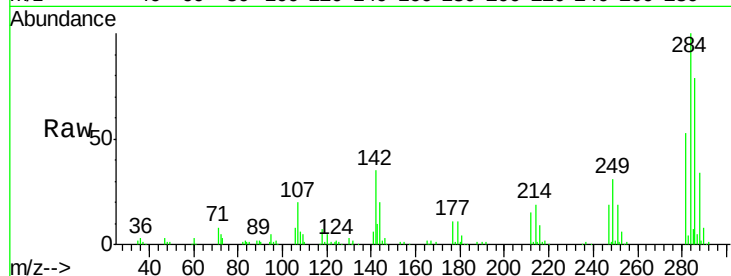




#67
Hexachlorobenzene
Concen: 42.45 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

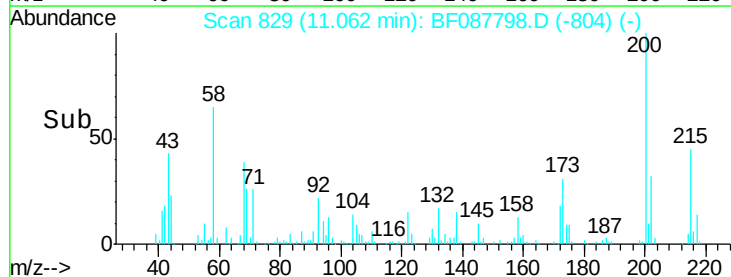
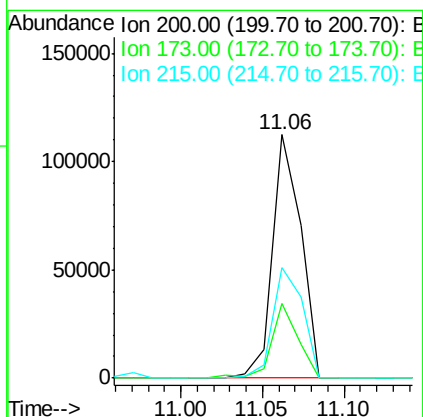
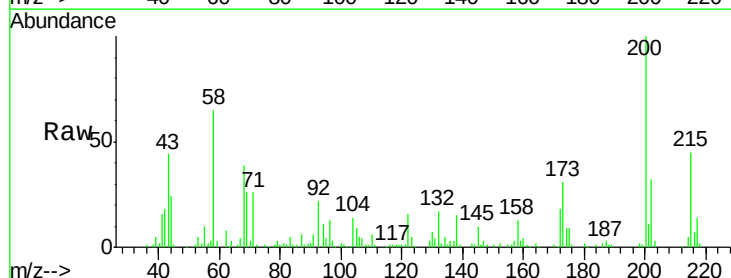
Instrument :
BNA_F
ClientSampleId :
PB91075BSD

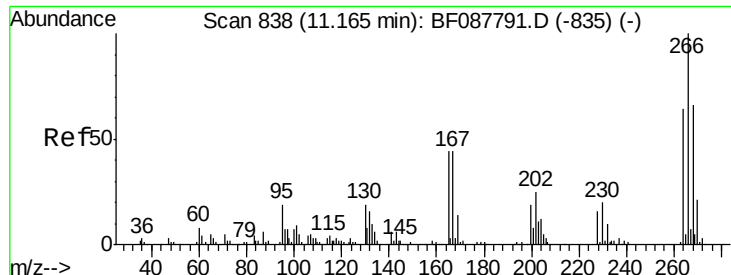
Tgt Ion:284 Resp: 169502
Ion Ratio Lower Upper
284 100
142 35.0 35.8 53.8#
249 30.7 25.8 38.6



#68
Atrazine
Concen: 37.94 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion:200 Resp: 136552
Ion Ratio Lower Upper
200 100
173 30.8 4.0 44.0
215 45.5 29.3 69.3

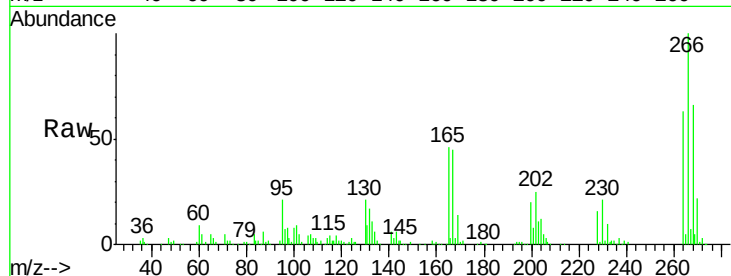




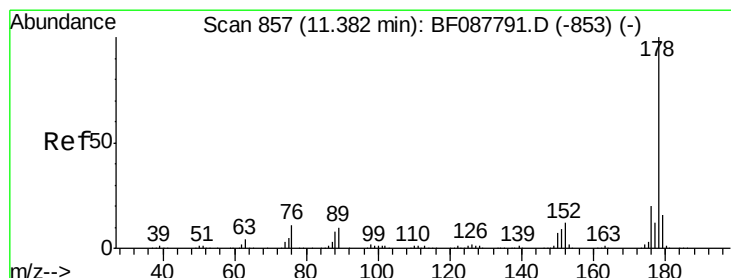
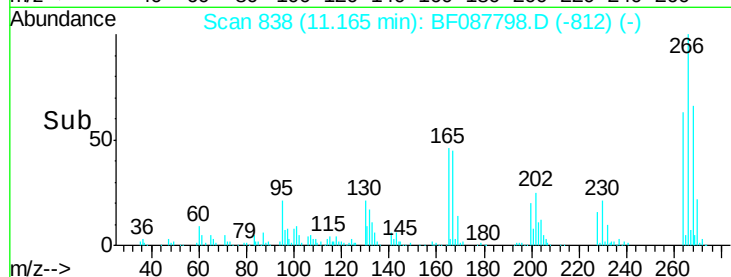
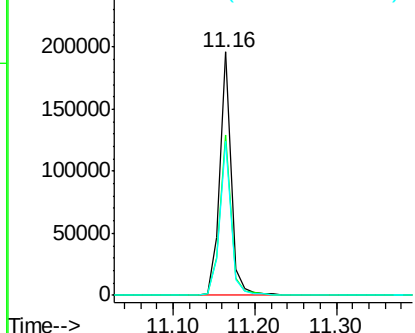
#69
 Pentachlorophenol
 Concen: 90.90 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tgt Ion:266 Resp: 191342
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.8 79.2
 264 63.2 49.6 74.4

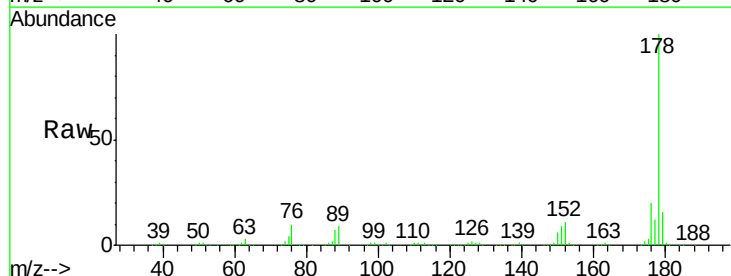


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

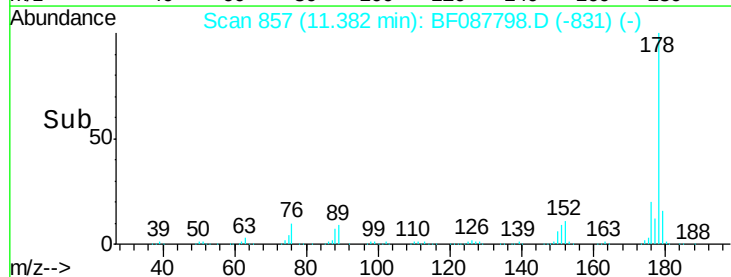
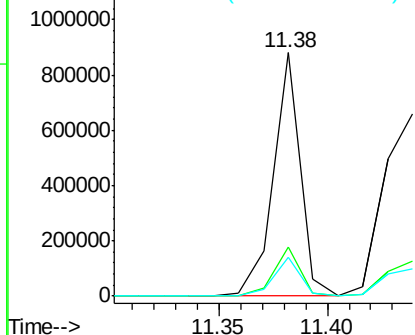


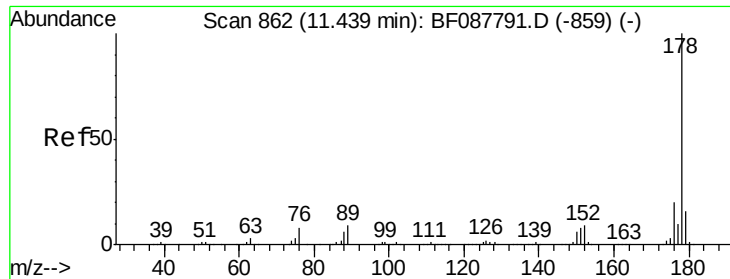
#70
 Phenanthrene
 Concen: 40.83 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion:178 Resp: 767446
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.6
 179 16.2 13.0 19.4



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

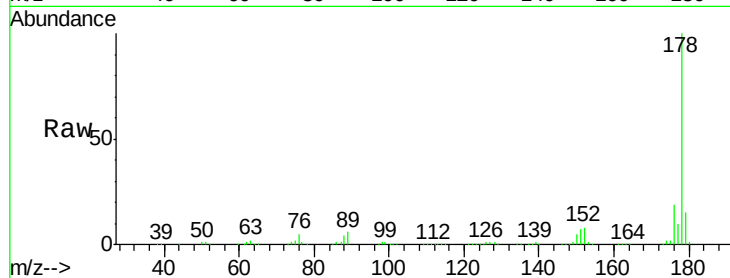




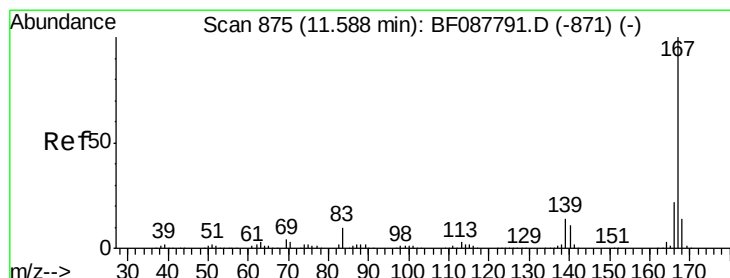
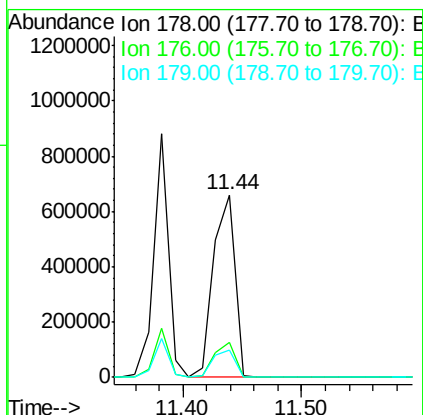
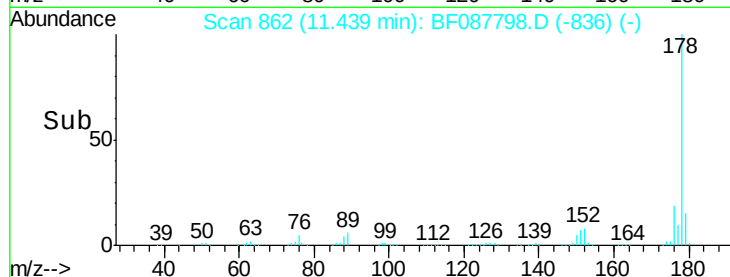
#71
 Anthracene
 Concen: 43.35 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

Tgt Ion:178 Resp: 822018
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.1 12.8 19.2

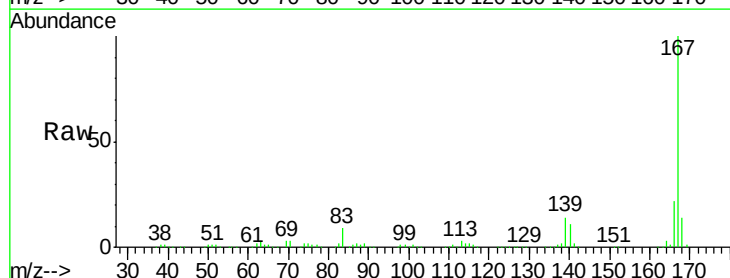


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

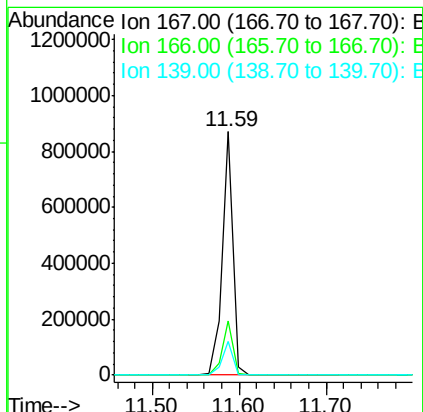
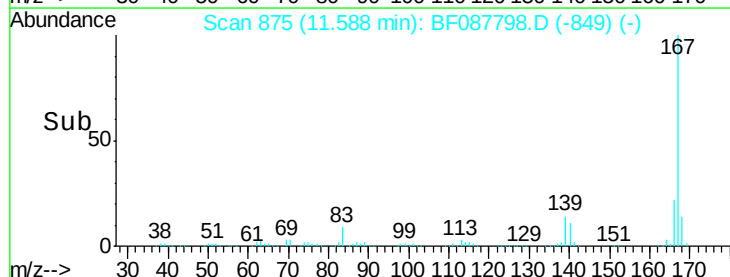


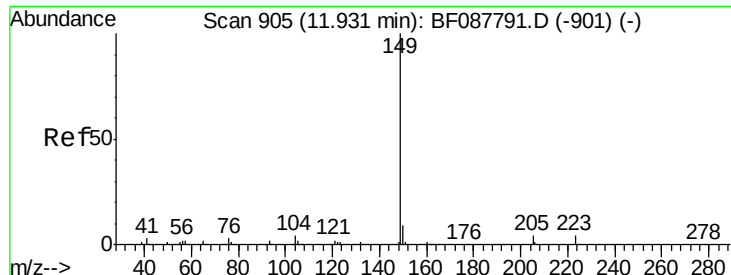
#72
 Carbazole
 Concen: 42.84 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion:167 Resp: 760160
 Ion Ratio Lower Upper
 167 100
 166 22.5 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: 39.47 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

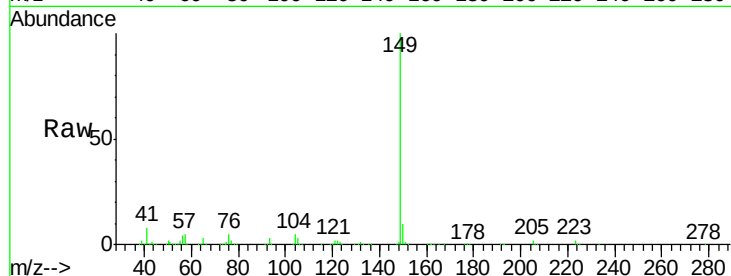
Tgt Ion:149 Resp: 886574

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

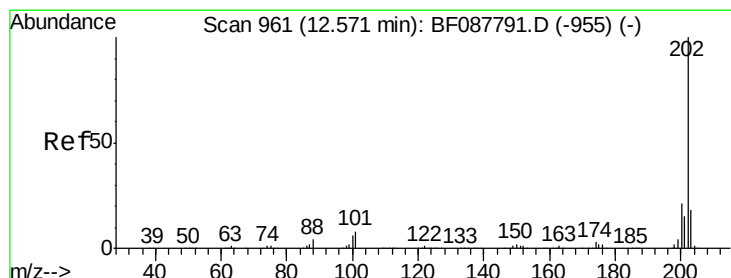
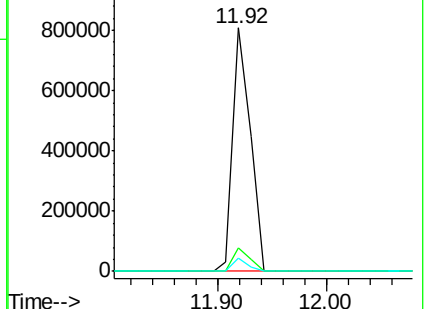
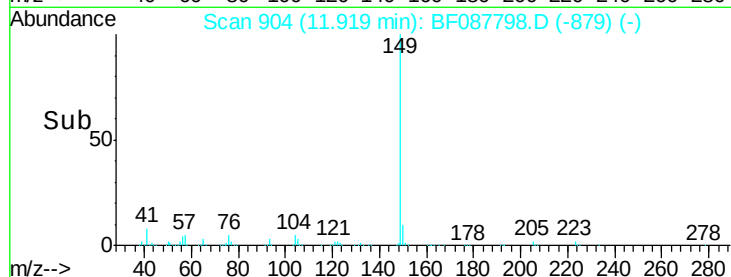
104 5.3 4.0 6.0



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: 40.19 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

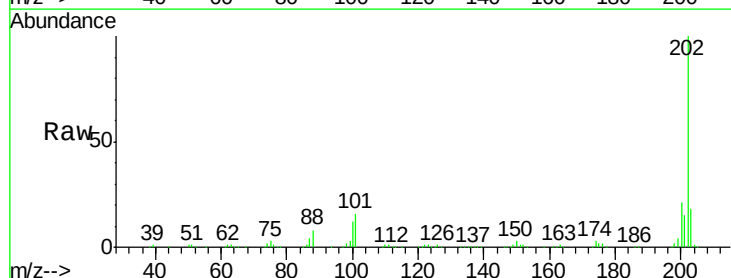
Tgt Ion:202 Resp: 797277

Ion Ratio Lower Upper

202 100

101 15.7 0.0 33.1

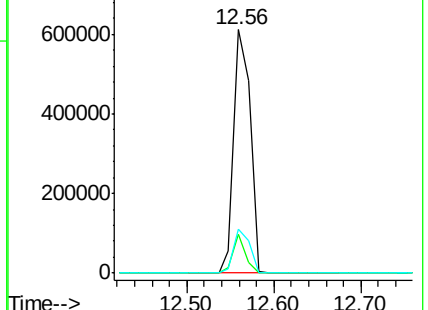
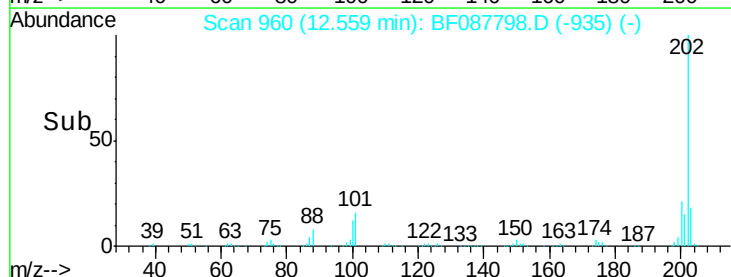
203 18.3 0.0 38.1

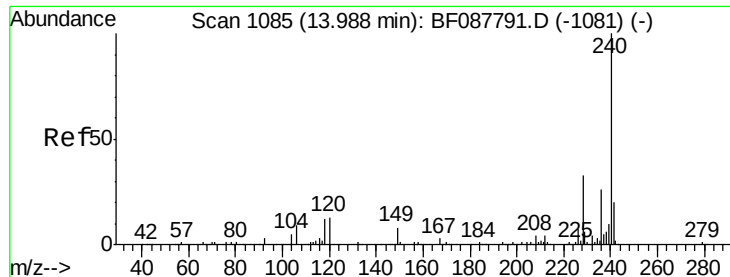


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

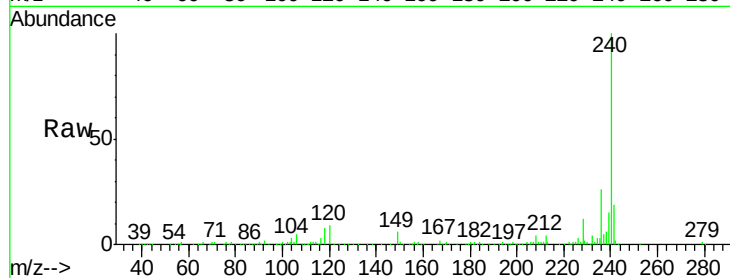
Tgt Ion:240 Resp: 272360

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

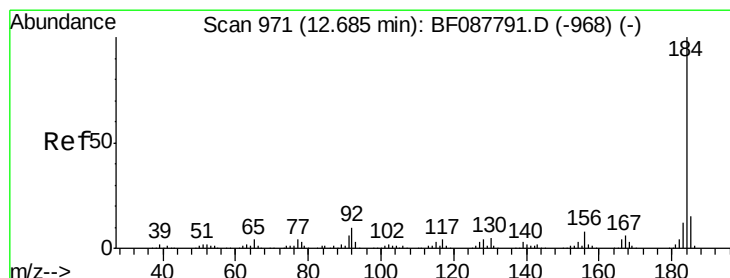
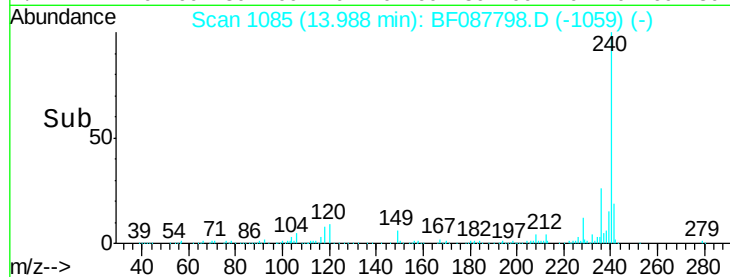
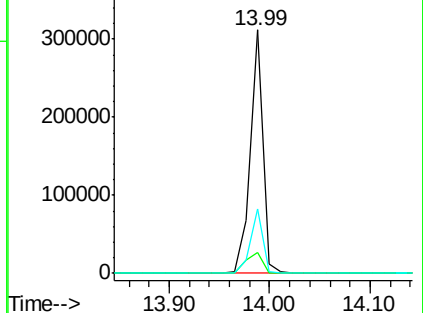
236 26.2 20.2 30.2



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: 30.70 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

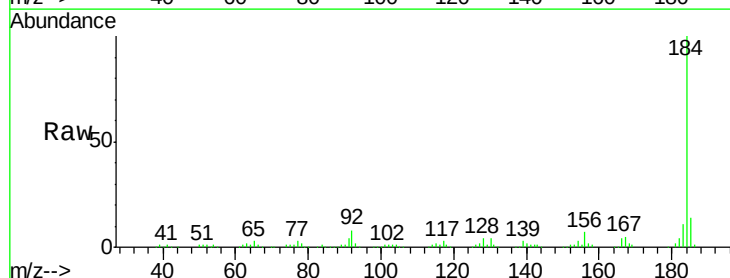
Tgt Ion:184 Resp: 231528

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

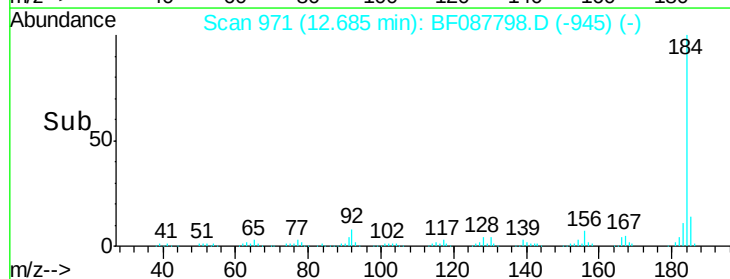
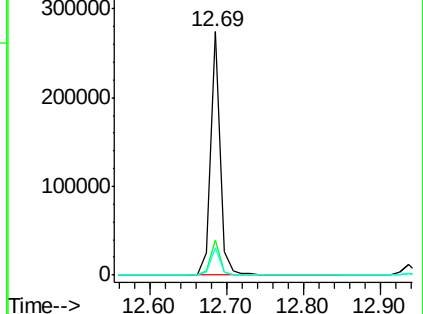
183 11.4 9.3 13.9

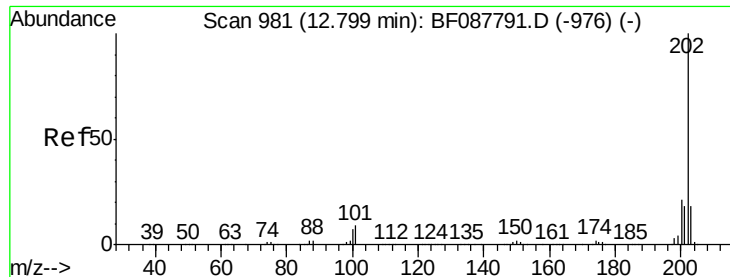


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.63 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

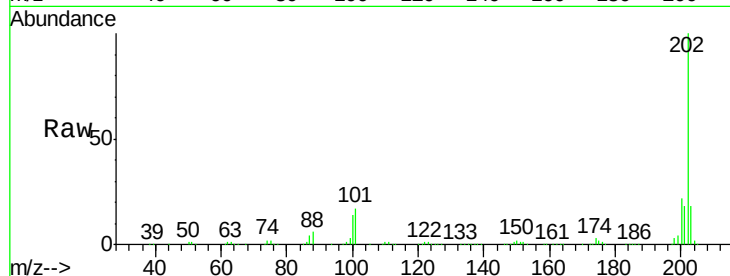
Tgt Ion:202 Resp: 760580

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

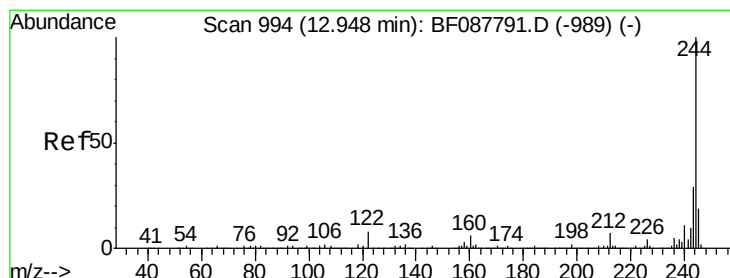
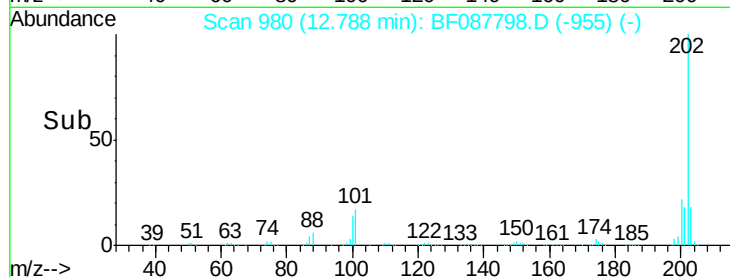
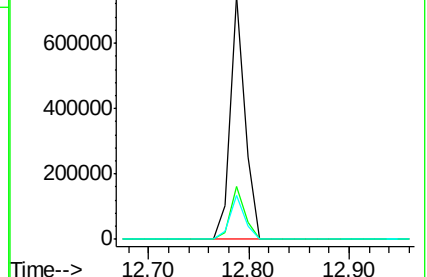
203 18.2 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.64 ng

RT: 12.94 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

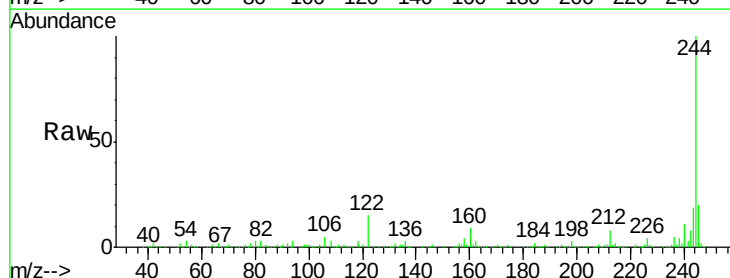
Tgt Ion:244 Resp: 881413

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

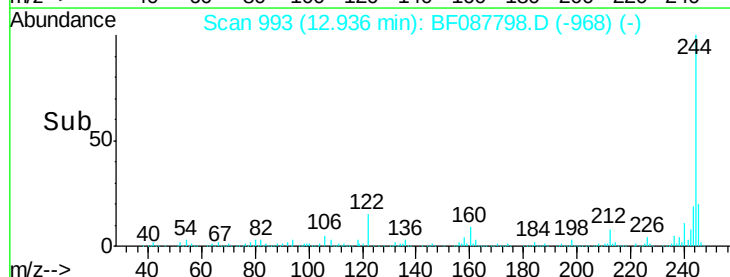
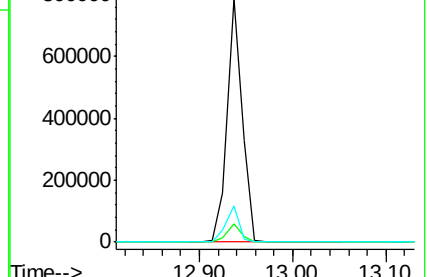
122 14.9 11.2 16.8

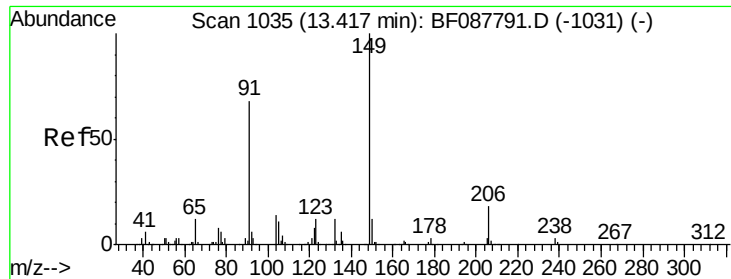


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

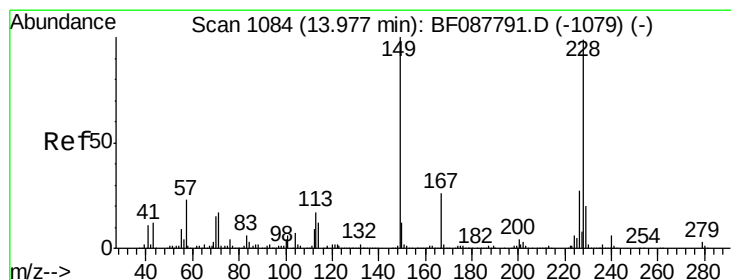
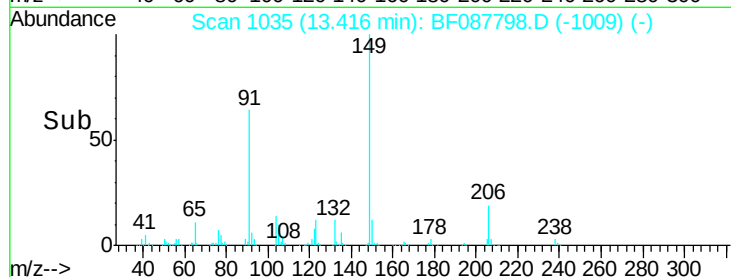
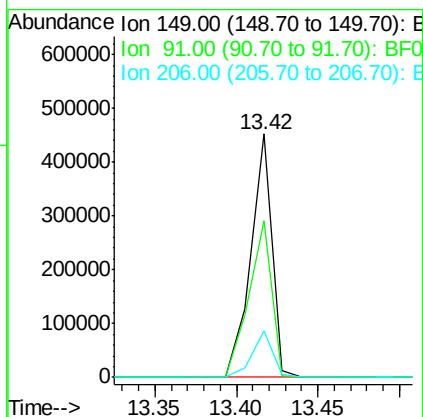
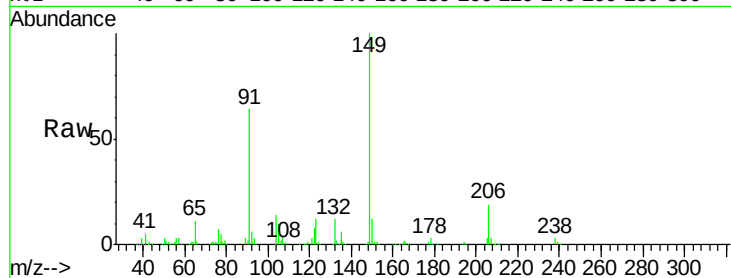




#79
Butylbenzylphthalate
Concen: 45.62 ng
RT: 13.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

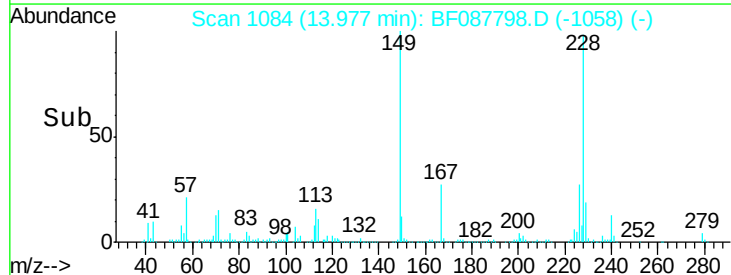
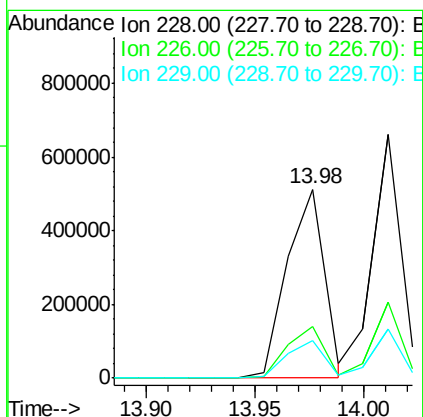
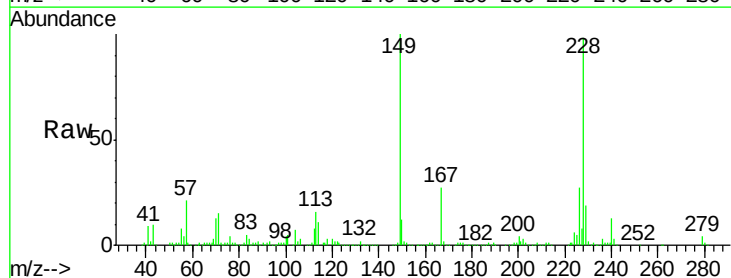
Instrument :
BNA_F
ClientSampleId :
PB91075BSD

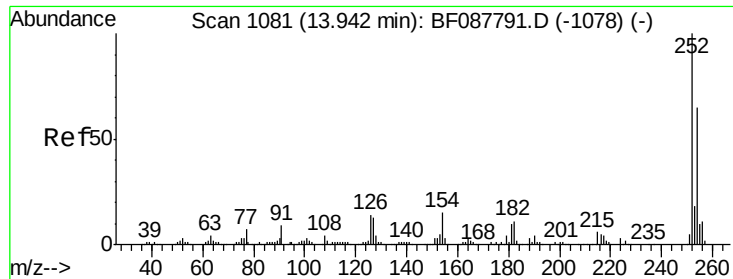
Tgt Ion:149 Resp: 407622
Ion Ratio Lower Upper
149 100
91 64.3 48.0 72.0
206 19.2 16.0 24.0



#80
Benzo(a)anthracene
Concen: 39.71 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion:228 Resp: 616261
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.6 16.0 24.0

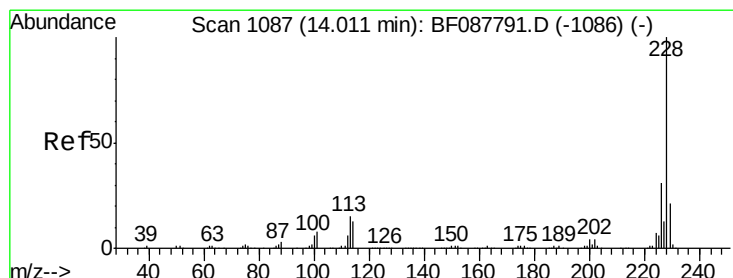
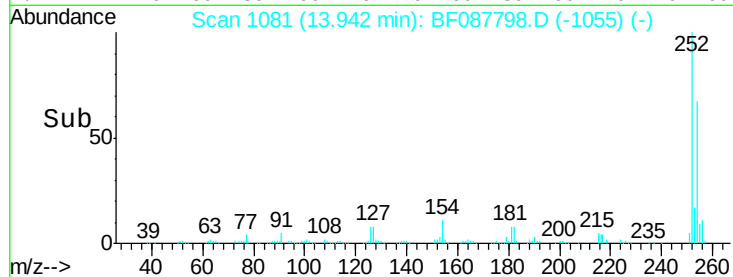
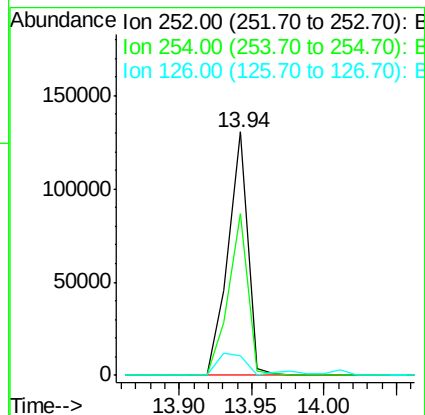
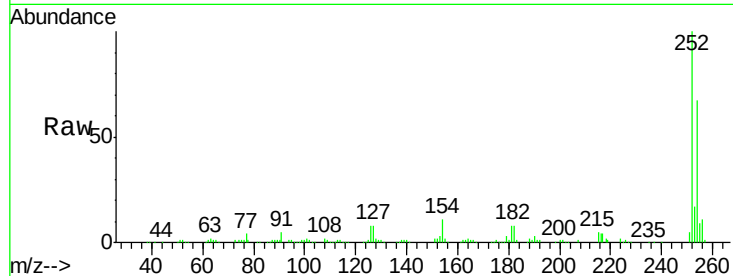




#81
 3,3'-Dichlorobenzidine
 Concen: 29.92 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

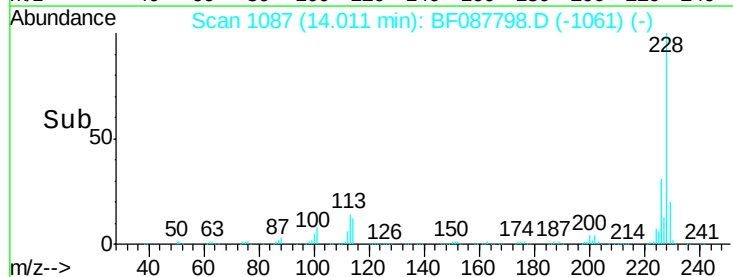
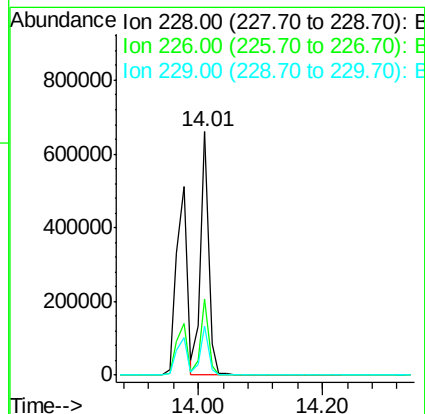
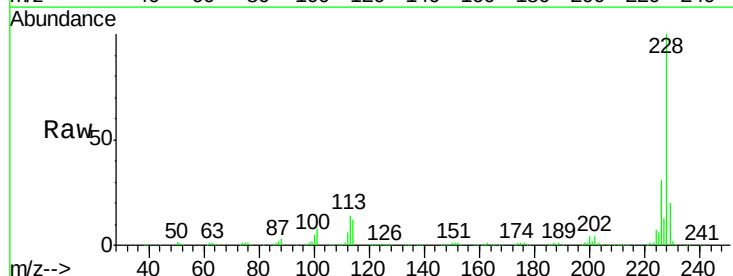
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

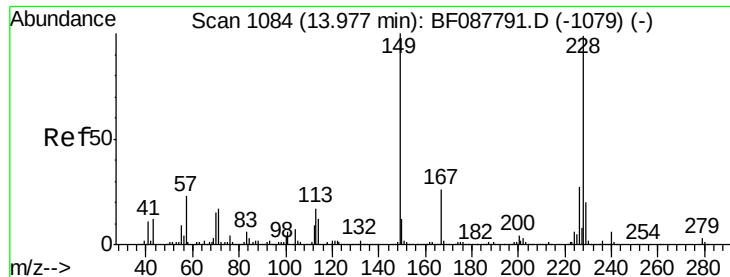
Tgt Ion: 252 Resp: 124880
 Ion Ratio Lower Upper
 252 100
 254 66.6 52.6 78.8
 126 8.2 6.2 9.2



#82
 Chrysene
 Concen: 42.04 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion: 228 Resp: 613869
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.2
 229 20.2 16.3 24.5

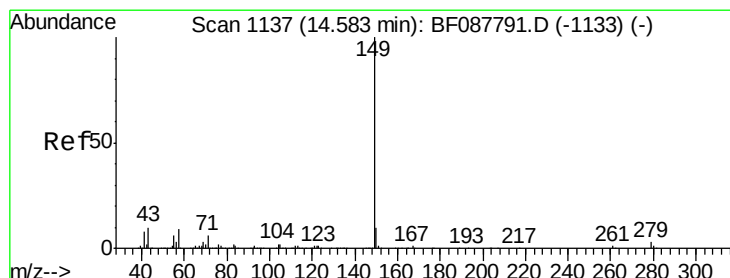
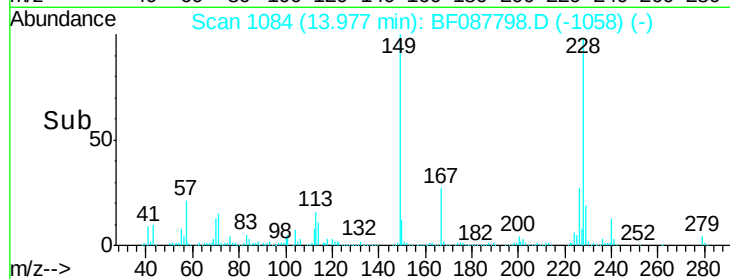
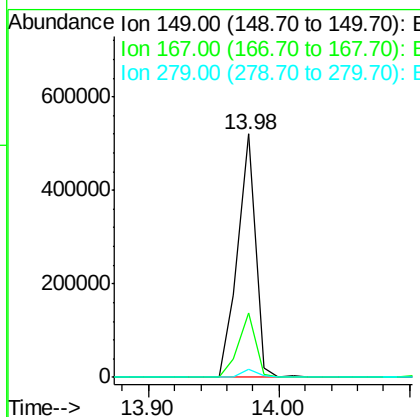
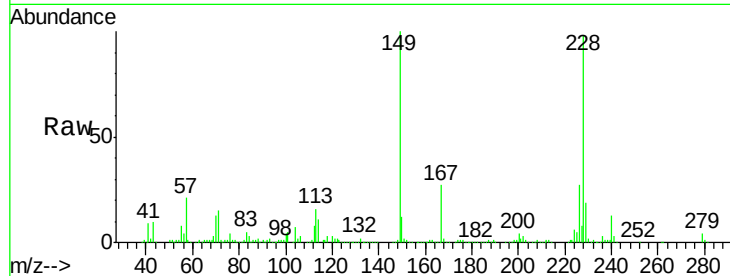




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.60 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

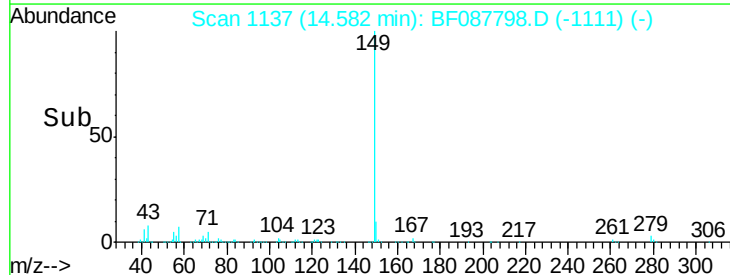
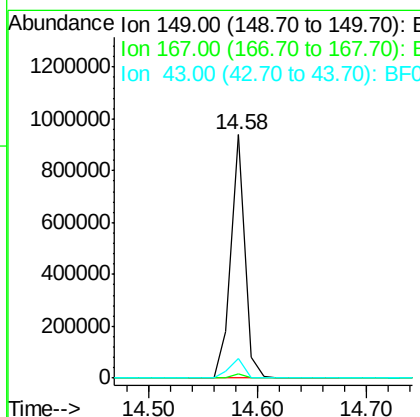
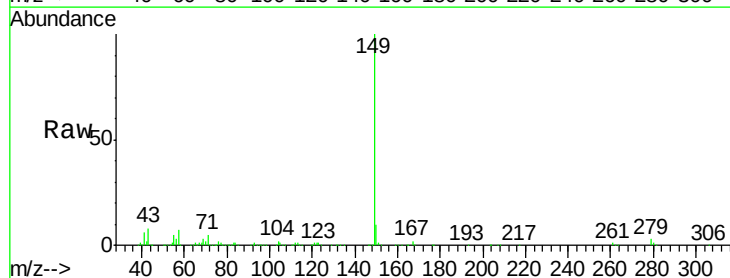
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

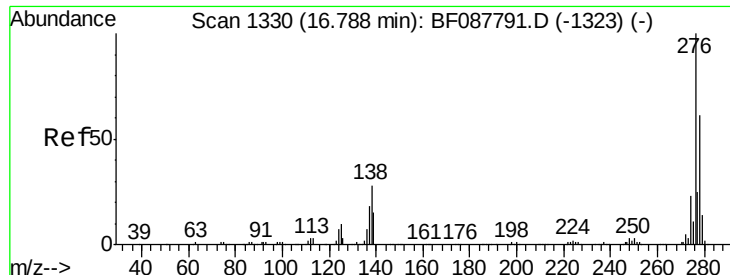
Tgt Ion:149 Resp: 495966
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.5 30.7
 279 3.6 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 46.91 ng
 RT: 14.58 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion:149 Resp: 829190
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.1 0.0 0.0#

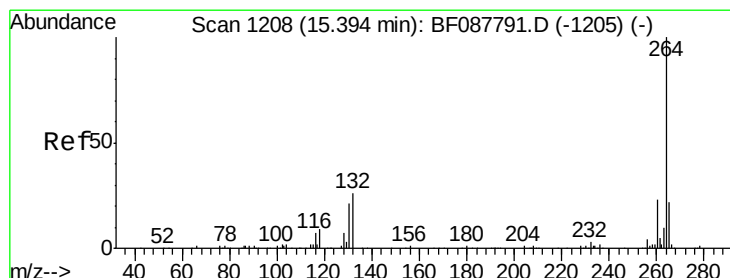
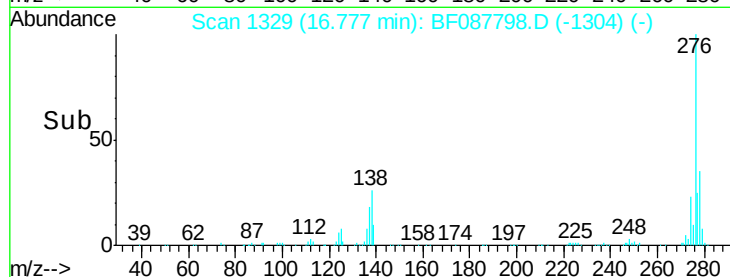
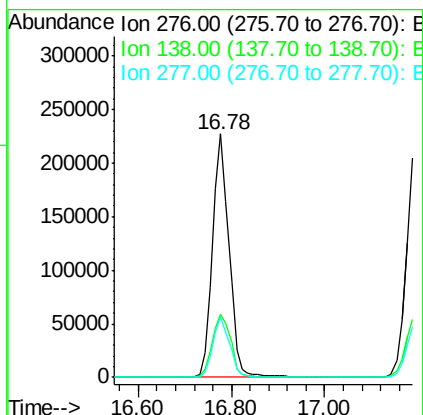
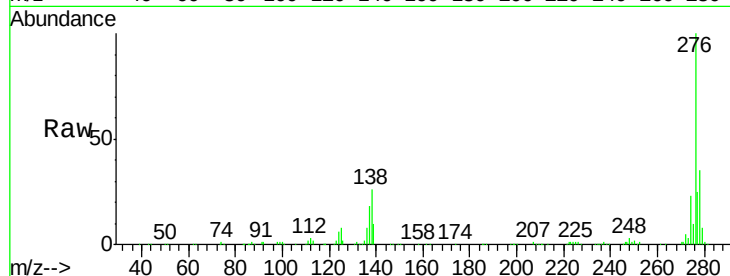




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.58 ng
 RT: 16.78 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

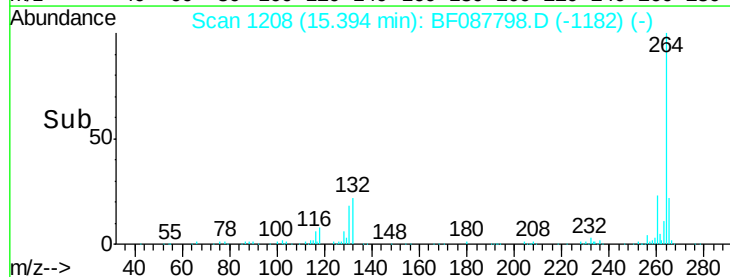
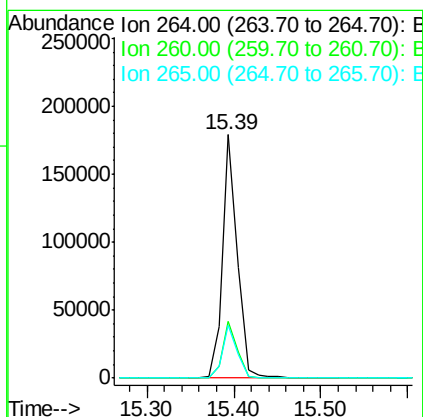
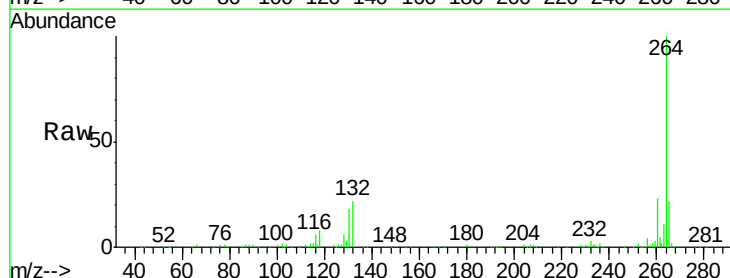
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BSD

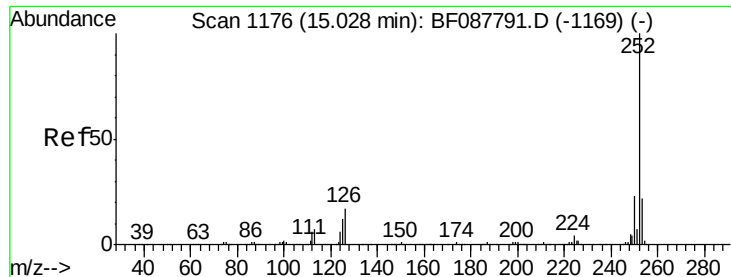
Tgt Ion: 276 Resp: 564131
 Ion Ratio Lower Upper
 276 100
 138 28.9 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF087798.D
 Acq: 7 Jun 2016 19:53

Tgt Ion: 264 Resp: 213402
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.6 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 37.03 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

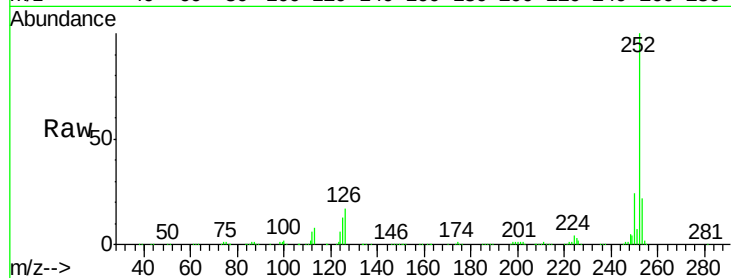
Tgt Ion:252 Resp: 550839

Ion Ratio Lower Upper

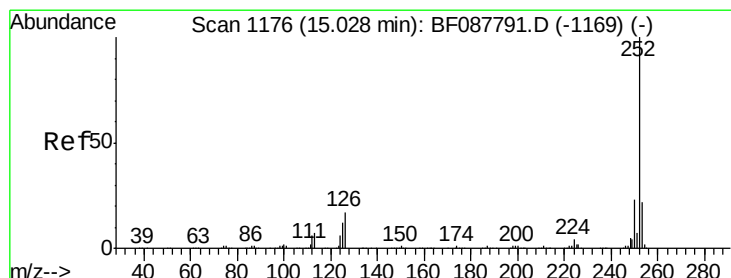
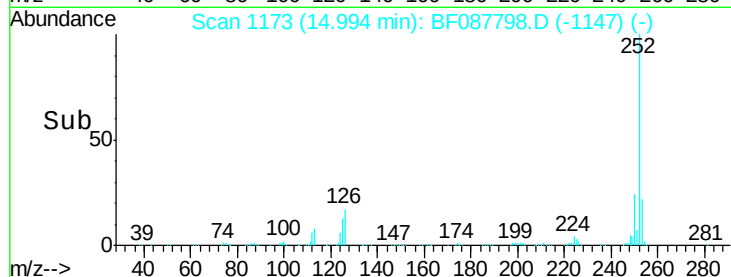
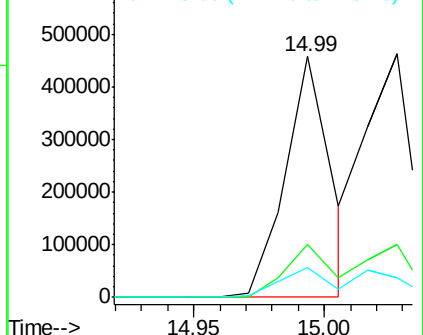
252 100

253 22.1 17.4 26.2

125 12.6 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: 49.09 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.03 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

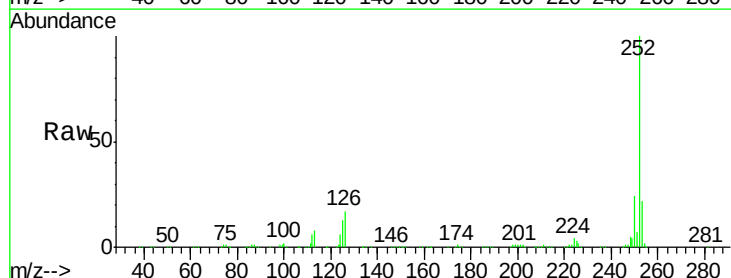
Tgt Ion:252 Resp: 550839

Ion Ratio Lower Upper

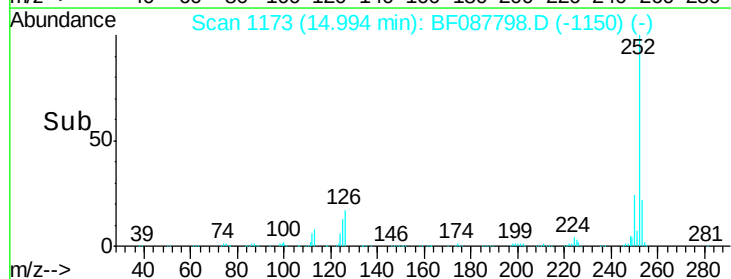
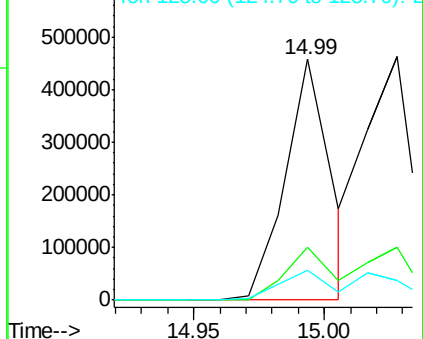
252 100

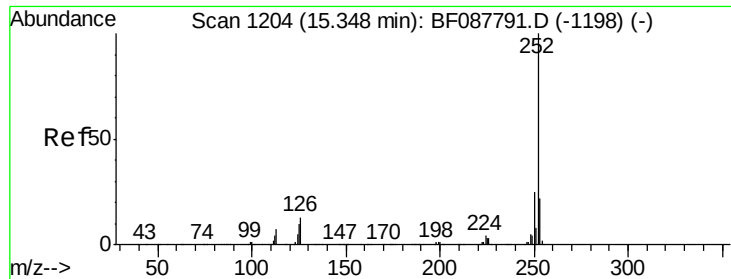
253 22.1 18.0 27.0

125 12.6 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

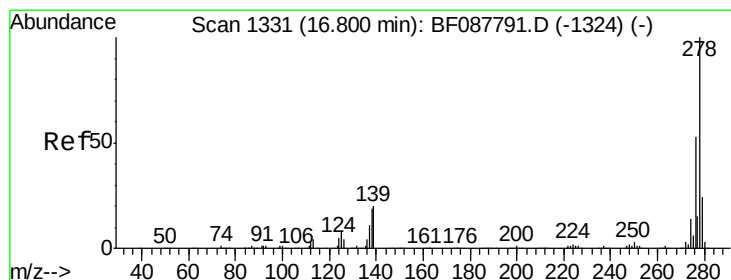
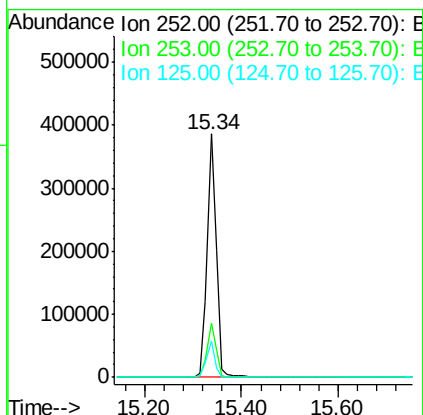
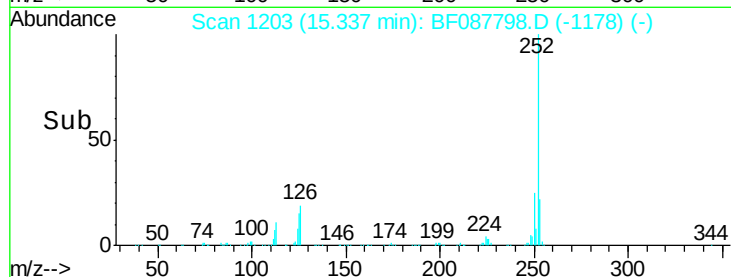
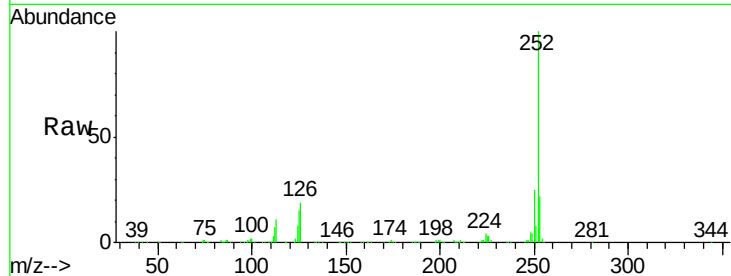




#89
Benzo(a)pyrene
Concen: 42.89 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

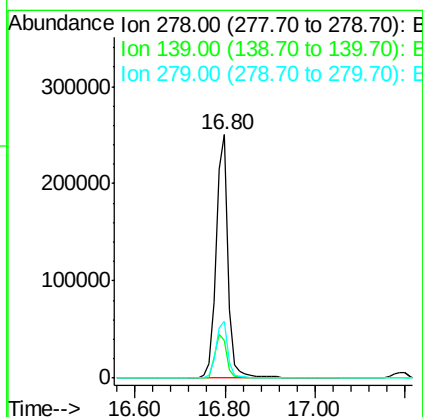
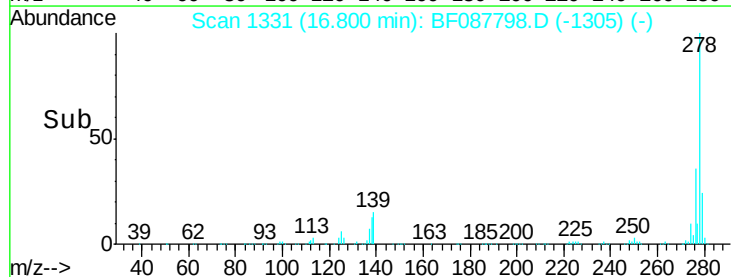
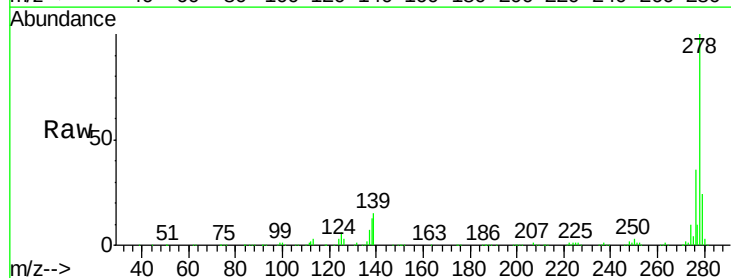
Instrument :
BNA_F
ClientSampleId :
PB91075BSD

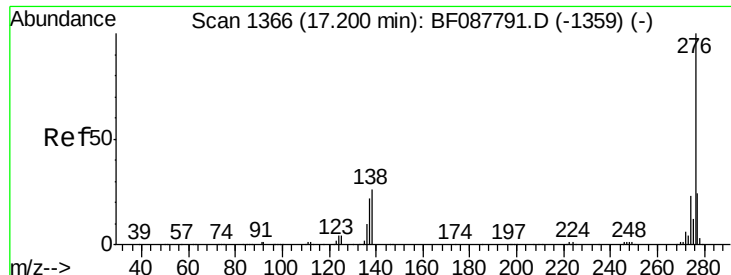
Tgt Ion: 252 Resp: 516111
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 14.9 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 41.50 ng
RT: 16.80 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF087798.D
Acq: 7 Jun 2016 19:53

Tgt Ion: 278 Resp: 463801
Ion Ratio Lower Upper
278 100
139 15.5 15.7 23.5#
279 23.5 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 41.44 ng

RT: 17.19 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF087798.D

Acq: 7 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB91075BSD

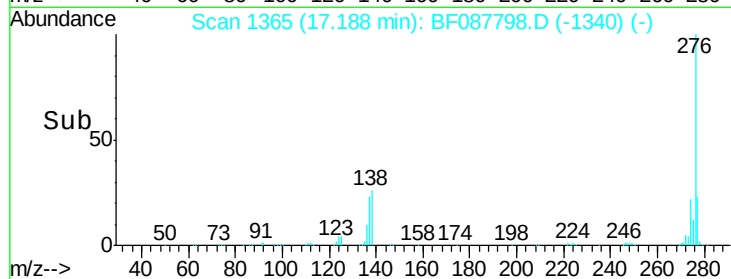
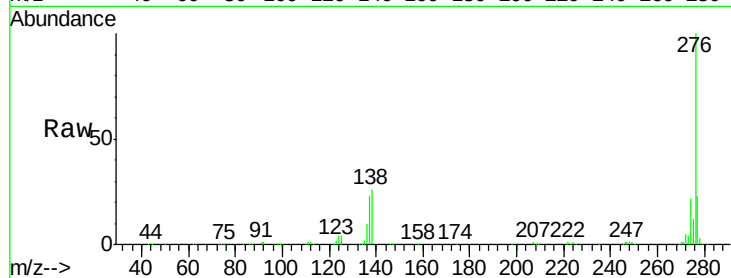
Tgt Ion: 276 Resp: 476471

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 26.4 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

