

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089199.D
 Acq On : 22 Jul 2016 17:06
 Operator : UM/SJ
 Sample : PB92344BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92344BS

Quant Time: Jul 25 00:51:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	47112	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	192716	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	93023	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	187862	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	134420	20.00	ng	-0.01
86) Perylene-d12	15.05	264	103308	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	391797	126.48	ng	-0.01
7) Phenol-d6	6.25	99	503783	126.11	ng	-0.02
23) Nitrobenzene-d5	7.15	82	317002	87.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	115130	137.47	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	582075	86.21	ng	-0.02
78) Terphenyl-d14	12.67	244	571695	92.25	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	42871	31.87	ng	# 87
3) Pyridine	2.71	79	108074	31.63	ng	99
4) n-Nitrosodimethylamine	2.67	42	50012	34.77	ng	97
6) Aniline	6.25	93	134853	24.99	ng	# 64
8) 2-Chlorophenol	6.38	128	143662	41.79	ng	100
9) Benzaldehyde	6.12	77	32671	13.09	ng	96
10) Phenol	6.26	94	193132	41.96	ng	95
11) bis(2-Chloroethyl)ether	6.33	93	150437	43.52	ng	95
12) 1,3-Dichlorobenzene	6.52	146	136675	36.01	ng	# 90
13) 1,4-Dichlorobenzene	6.60	146	147196	38.50	ng	92
14) 1,2-Dichlorobenzene	6.75	146	149397	41.45	ng	99
15) Benzyl Alcohol	6.74	79	126846	43.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	159369	40.47	ng	# 56
17) 2-Methylphenol	6.87	107	114668	42.35	ng	97
18) Hexachloroethane	7.08	117	56610	39.40	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	108498	41.53	ng	98
20) 3+4-Methylphenols	7.03	107	152957	41.61	ng	94
22) Acetophenone	7.00	105	213280	41.44	ng	# 99
24) Nitrobenzene	7.18	77	159351	41.66	ng	97
25) Isophorone	7.42	82	288288	43.13	ng	99
26) 2-Nitrophenol	7.50	139	74857	41.96	ng	# 79
27) 2,4-Dimethylphenol	7.54	122	118261	39.34	ng	97
28) bis(2-Chloroethoxy)methane	7.63	93	179861	43.02	ng	100
29) 2,4-Dichlorophenol	7.74	162	116260	42.92	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	125933	41.99	ng	98
31) Naphthalene	7.88	128	415069	39.91	ng	100
32) Benzoic acid	7.70	122	87040	37.65	ng	86
33) 4-Chloroaniline	7.95	127	101994	23.32	ng	96
34) Hexachlorobutadiene	8.01	225	63328	37.94	ng	99
35) Caprolactam	8.33	113	19428	23.09	ng	93
36) 4-Chloro-3-methylphenol	8.44	107	140629	43.09	ng	96
37) 2-Methylnaphthalene	8.58	142	281085	42.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	119132	34.46	ng	98
40) Hexachlorocyclopentadiene	8.73	237	94158	81.20	ng	98

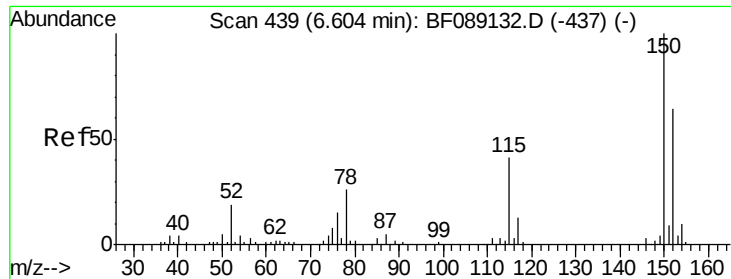
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089199.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	79062	40.85	ng	98
43) 2,4,5-Trichlorophenol	8.91	196	93445	48.11	ng #	92
45) 1,1'-Biphenyl	9.05	154	336814	40.21	ng	96
46) 2-Chloronaphthalene	9.06	162	259438	40.76	ng	99
47) 2-Nitroaniline	9.18	65	91151	41.74	ng #	79
48) Acenaphthylene	9.47	152	408218	40.79	ng	99
49) Dimethylphthalate	9.36	163	321395	45.02	ng	99
50) 2,6-Dinitrotoluene	9.42	165	69551	43.16	ng #	67
51) Acenaphthene	9.64	154	233452	39.43	ng	99
52) 3-Nitroaniline	9.59	138	53096	27.74	ng	87
53) 2,4-Dinitrophenol	9.70	184	65379	79.59	ng	90
54) Dibenzofuran	9.83	168	374800	46.85	ng	93
55) 4-Nitrophenol	9.78	139	80436	69.46	ng	92
56) 2,4-Dinitrotoluene	9.83	165	97670	47.05	ng #	72
57) Fluorene	10.16	166	281948	41.52	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	71162	51.01	ng	97
59) Diethylphthalate	10.06	149	347762	49.13	ng	99
60) 4-Chlorophenyl-phenylether	10.16	204	138228	44.59	ng #	82
61) 4-Nitroaniline	10.20	138	78582	42.20	ng	96
62) Azobenzene	10.32	77	382623	49.74	ng	93
64) 4,6-Dinitro-2-methylphenol	10.23	198	47085	43.05	ng #	43
65) n-Nitrosodiphenylamine	10.28	169	279270	44.48	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	80869	43.50	ng #	83
67) Hexachlorobenzene	10.71	284	84817	42.42	ng #	80
68) Atrazine	10.81	200	80654	41.08	ng	98
69) Pentachlorophenol	10.90	266	81152	87.97	ng	99
70) Phenanthrene	11.12	178	447749	43.45	ng	99
71) Anthracene	11.16	178	483602	45.15	ng	100
72) Carbazole	11.32	167	409552	43.53	ng	99
73) Di-n-butylphthalate	11.67	149	557322	47.89	ng	99
74) Fluoranthene	12.30	202	475746	43.92	ng	93
76) Benzidine	12.42	184	166670	36.07	ng	98
77) Pyrene	12.51	202	444450	40.04	ng	99
79) Butylbenzylphthalate	13.15	149	224570	47.82	ng	84
80) Benzo(a)anthracene	13.70	228	385451	45.02	ng	100
81) 3,3'-Dichlorobenzidine	13.67	252	84666	29.81	ng #	97
82) Chrysene	13.74	228	317543	38.83	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	296192	47.55	ng	97
84) Di-n-octyl phthalate	14.32	149	446542	43.45	ng	97
85) Indeno(1,2,3-cd)pyrene	16.27	276	250622	42.20	ng	100
87) Benzo(b)fluoranthene	14.72	252	574858	76.83	ng	99
88) Benzo(k)fluoranthene	14.72	252	574858	107.44	ng #	94
89) Benzo(a)pyrene	15.01	252	274583	47.27	ng #	95
90) Dibenzo(a,h)anthracene	16.29	278	211600	46.14	ng #	96
91) Benzo(g,h,i)perylene	16.64	276	207254	44.82	ng	99

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

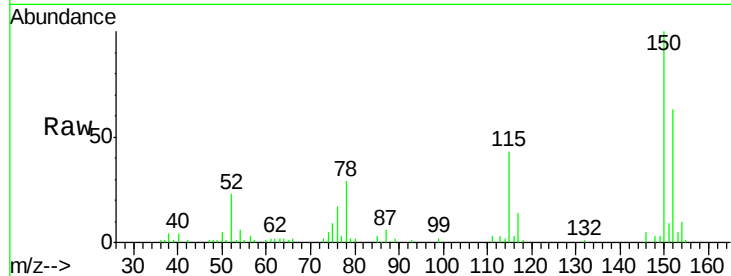


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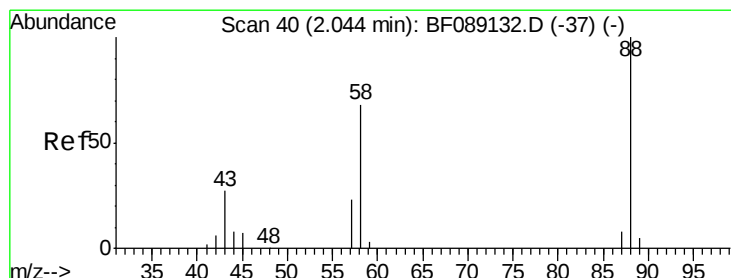
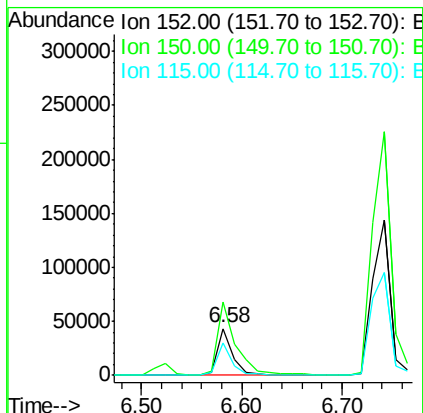
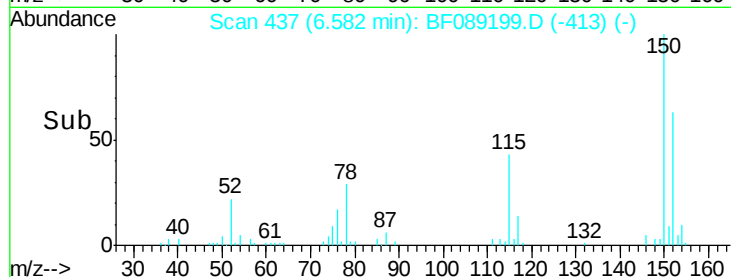
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB92344BS

Tgt Ion:152 Resp: 47112
Ion Ratio Lower Upper
152 100
150 157.7 125.1 187.7
115 68.5 51.1 76.7



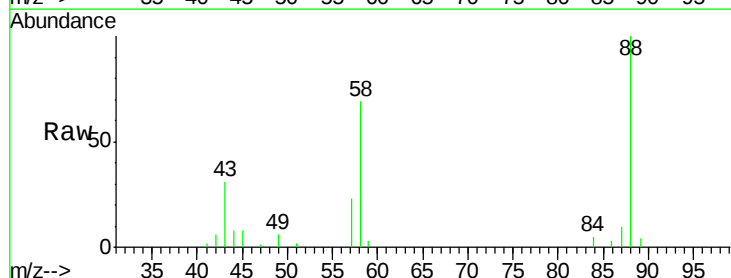
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



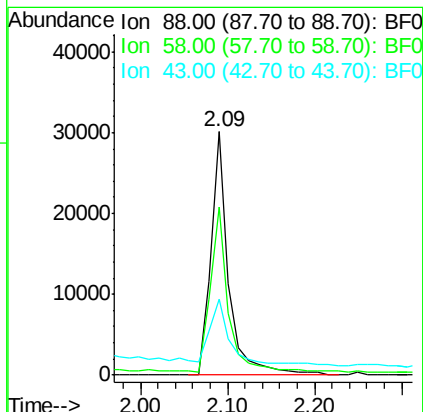
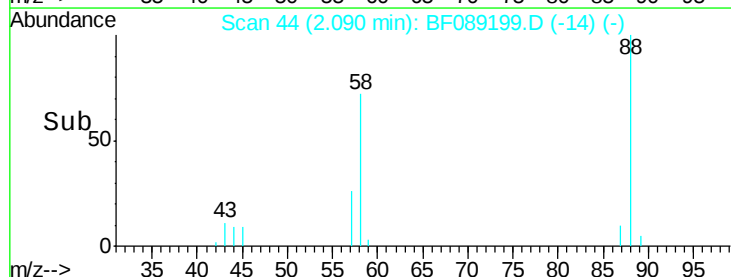
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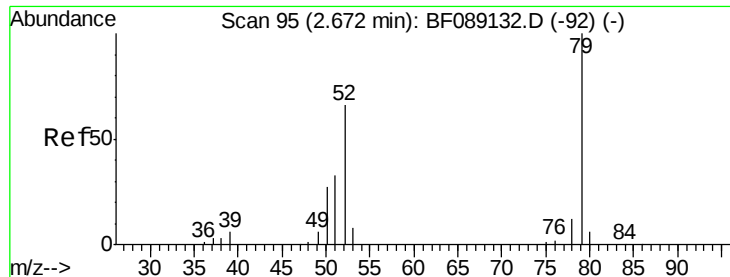
1,4-Dioxane
Concen: 31.87 ng
RT: 2.09 min Scan# 44
Delta R.T. 0.05 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion: 88 Resp: 42871
Ion Ratio Lower Upper
88 100
58 71.8 49.2 73.8
43 32.0 20.6 30.8#



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: 31.63 ng

RT: 2.71 min Scan# 98

Delta R.T. 0.03 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

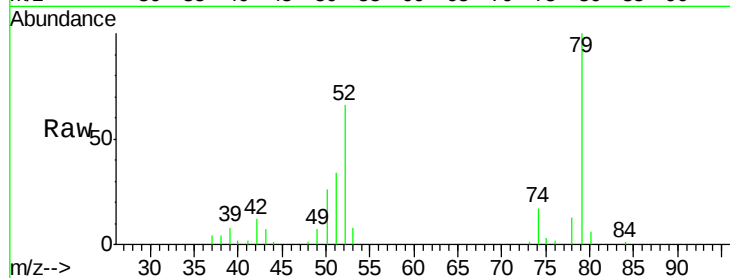
Tgt Ion: 79 Resp: 108074

Ion Ratio Lower Upper

79 100

52 65.5 52.9 79.3

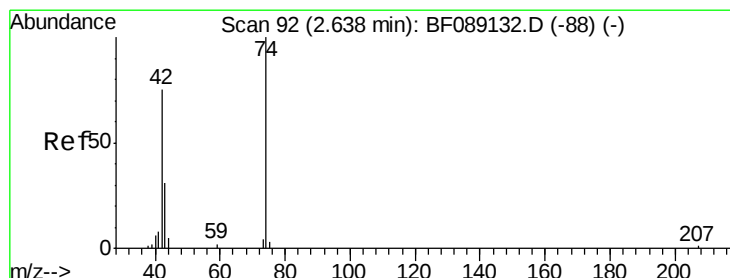
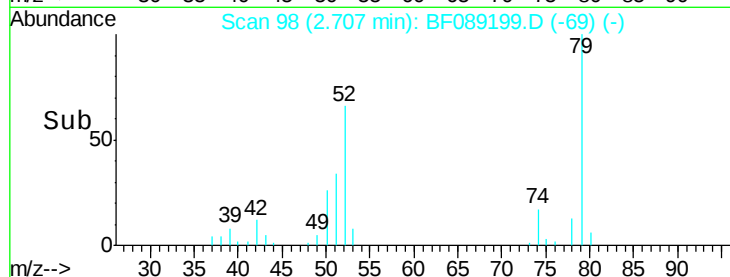
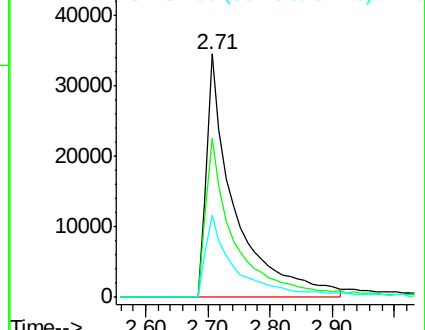
51 34.0 27.0 40.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.77 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.03 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

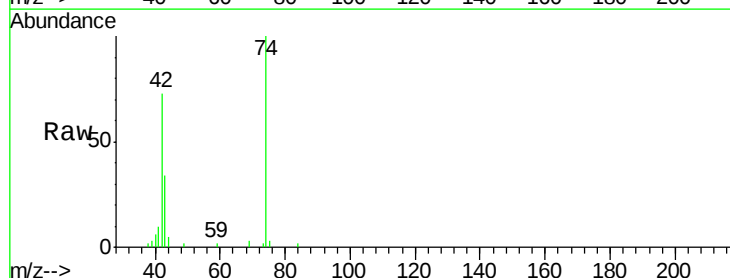
Tgt Ion: 42 Resp: 50012

Ion Ratio Lower Upper

42 100

74 136.3 106.4 159.6

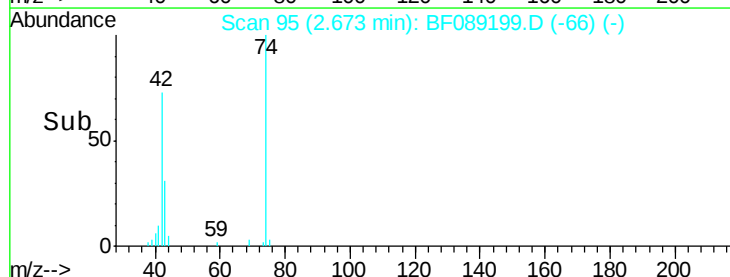
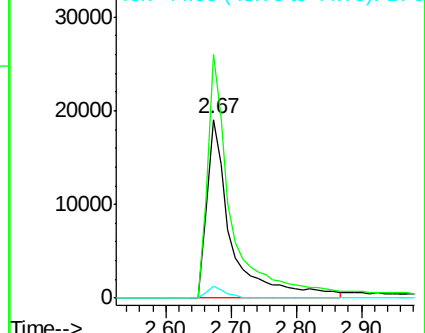
44 6.4 5.2 7.8

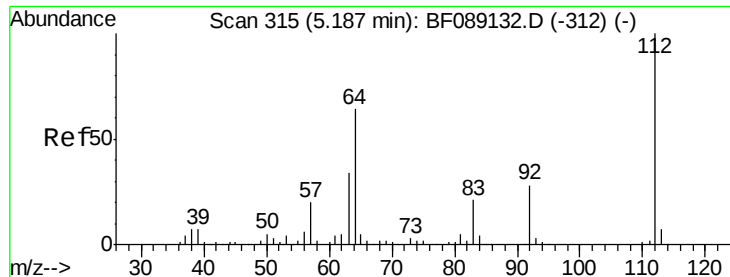


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.48 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

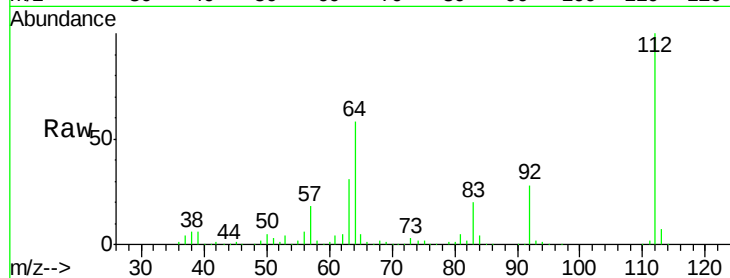
Tgt Ion: 112 Resp: 391797

Ion Ratio Lower Upper

112 100

64 57.8 51.0 76.4

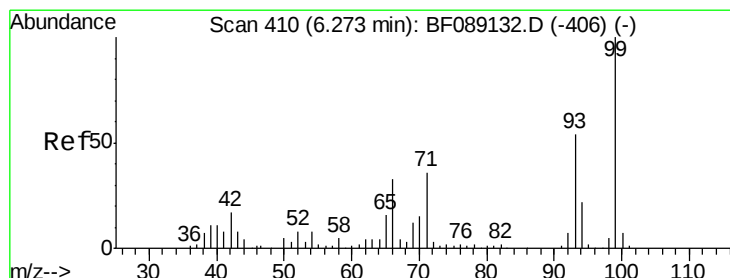
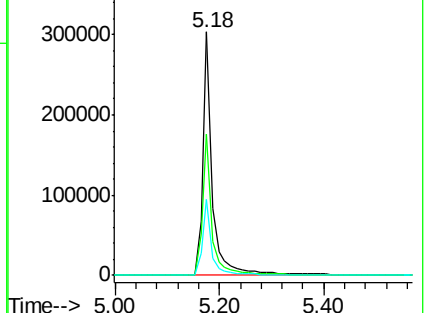
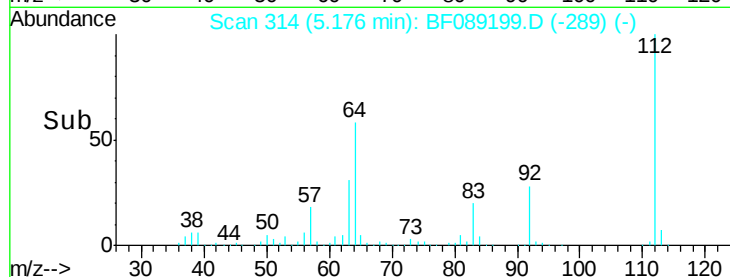
63 31.0 27.3 40.9



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: 24.99 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

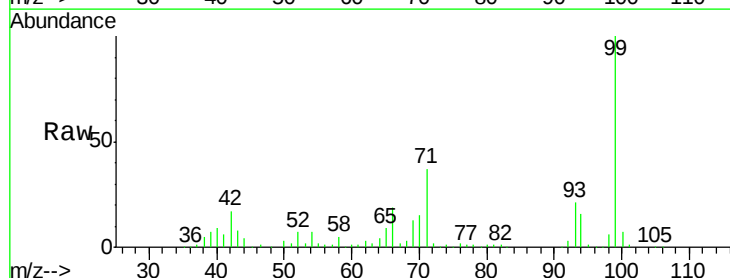
Tgt Ion: 93 Resp: 134853

Ion Ratio Lower Upper

93 100

66 91.6 48.9 73.3#

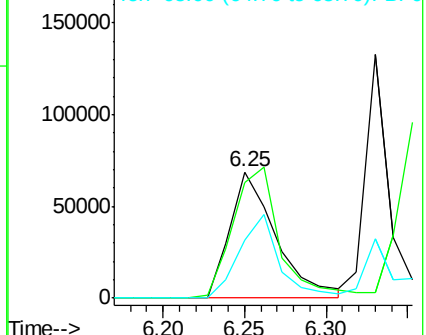
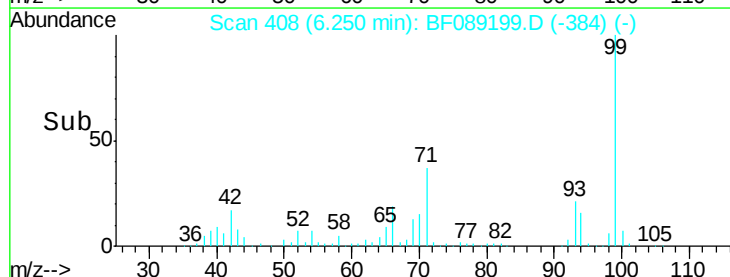
65 45.6 23.9 35.9#

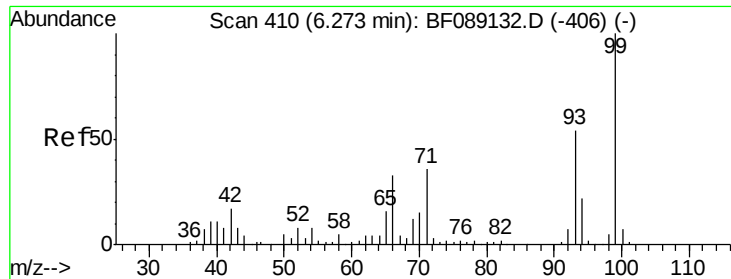


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.11 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampled :

PB92344BS

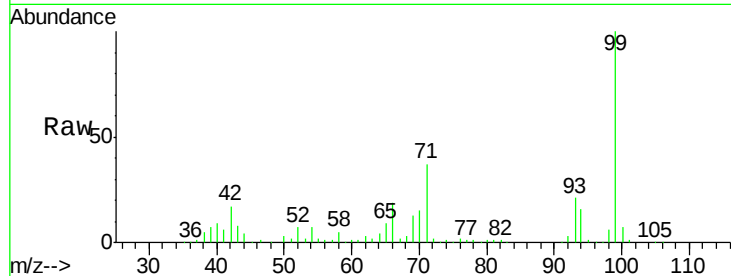
Tgt Ion: 99 Resp: 503783

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

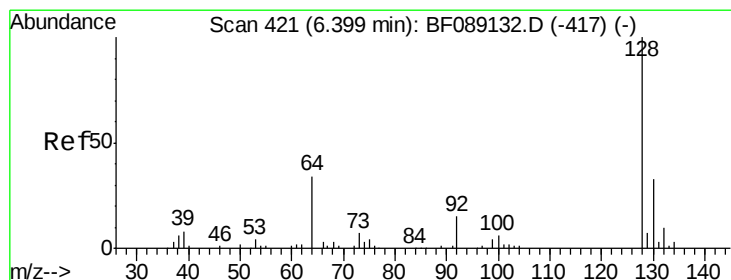
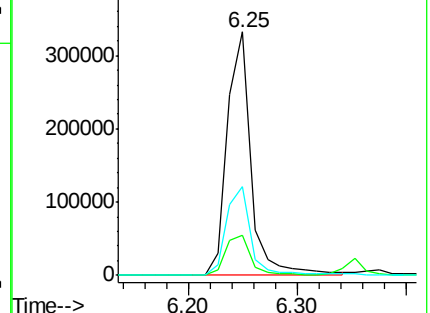
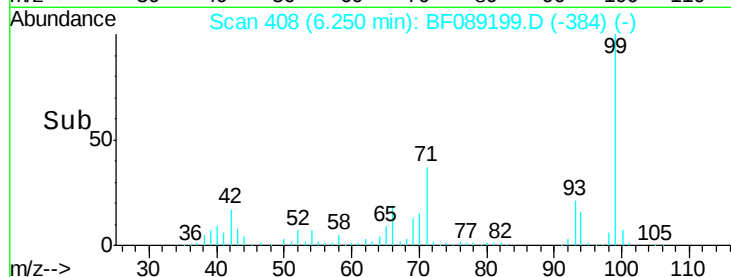
71 36.5 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.79 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

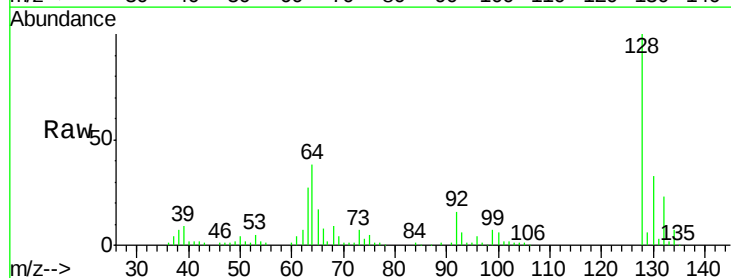
Tgt Ion: 128 Resp: 143662

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

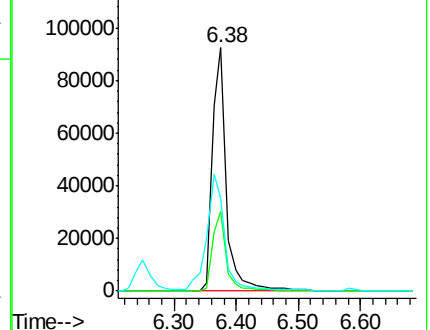
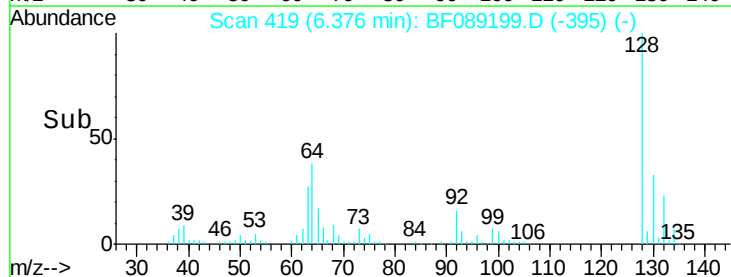
64 37.9 17.5 57.5

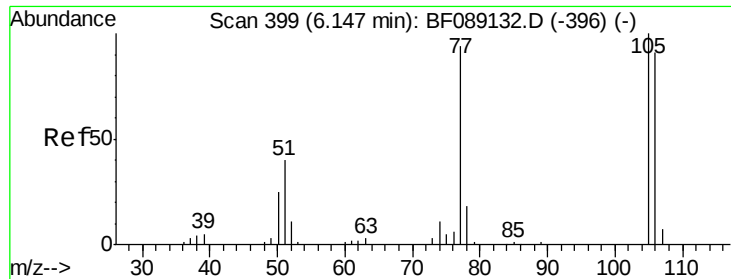


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.09 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

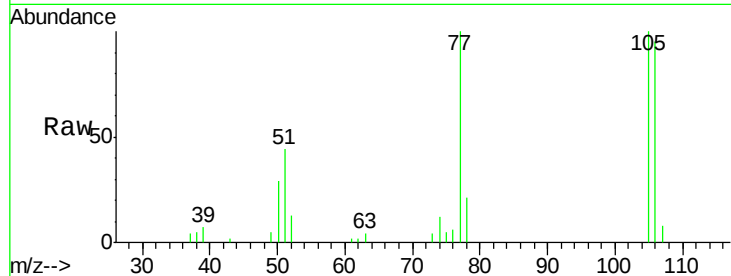
Tgt Ion: 77 Resp: 32671

Ion Ratio Lower Upper

77 100

105 99.6 86.2 126.2

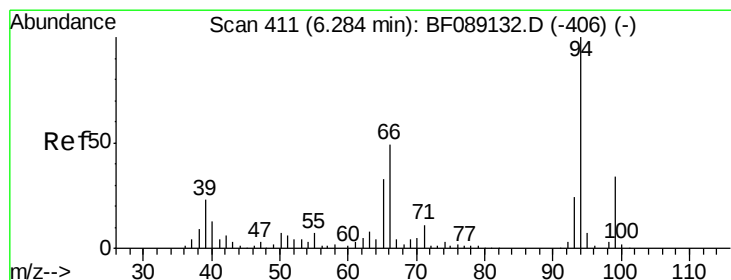
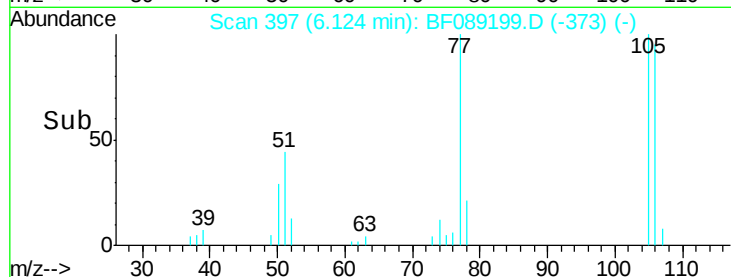
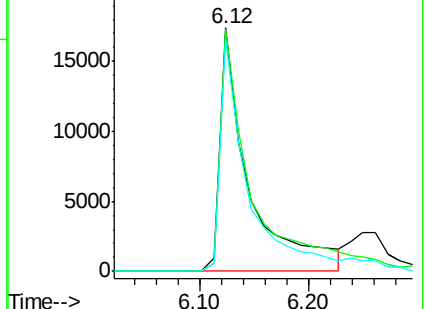
106 95.1 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.96 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

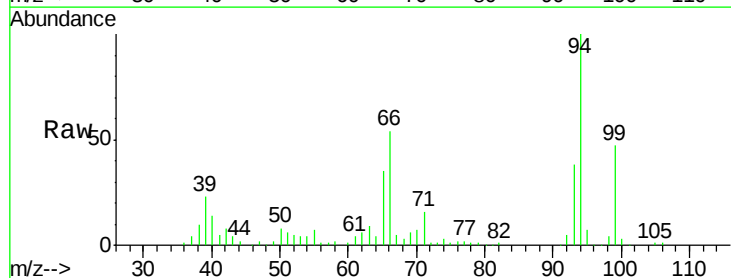
Tgt Ion: 94 Resp: 193132

Ion Ratio Lower Upper

94 100

65 34.7 13.3 53.3

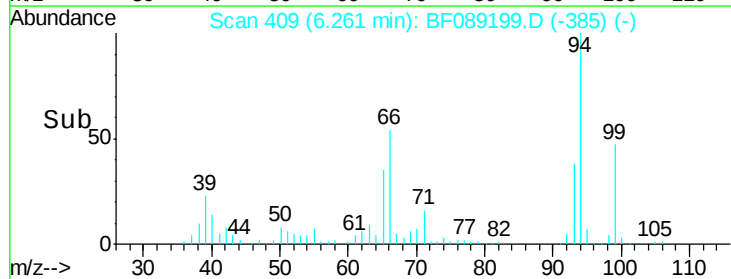
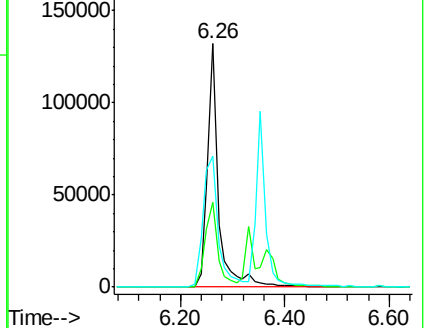
66 54.0 29.3 69.3

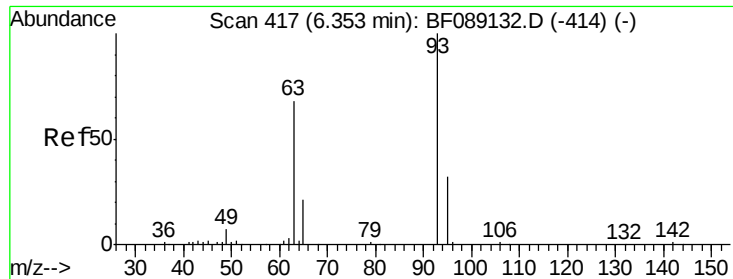


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.52 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

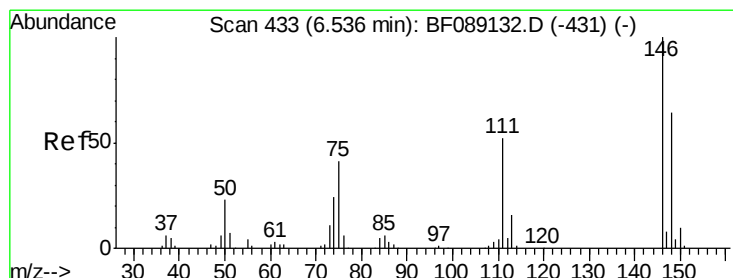
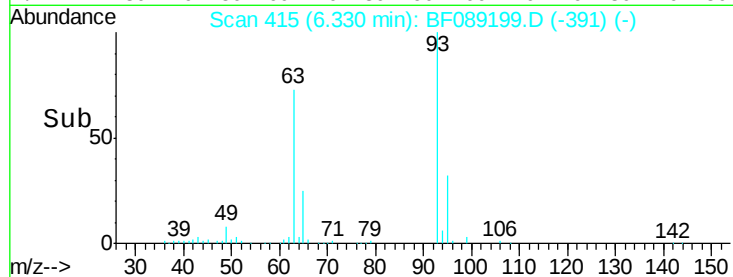
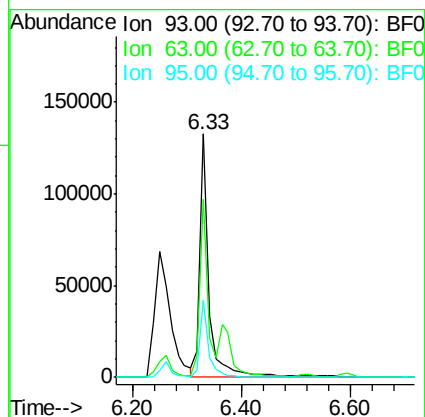
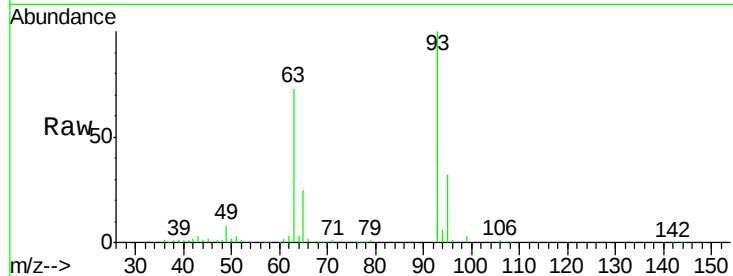
Tgt Ion: 93 Resp: 150437

Ion Ratio Lower Upper

93 100

63 73.3 47.3 87.3

95 31.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 36.01 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

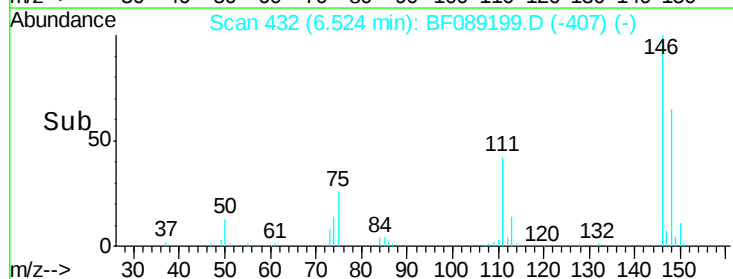
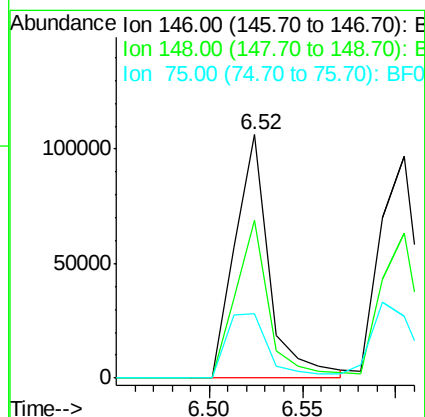
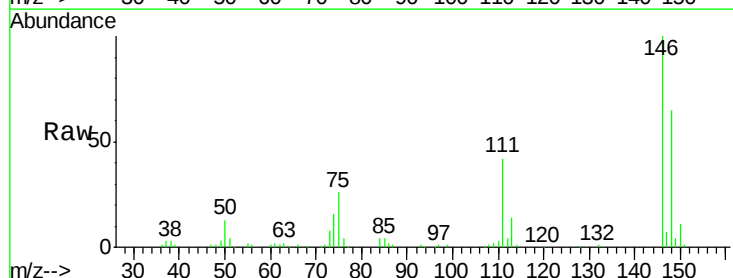
Tgt Ion: 146 Resp: 136675

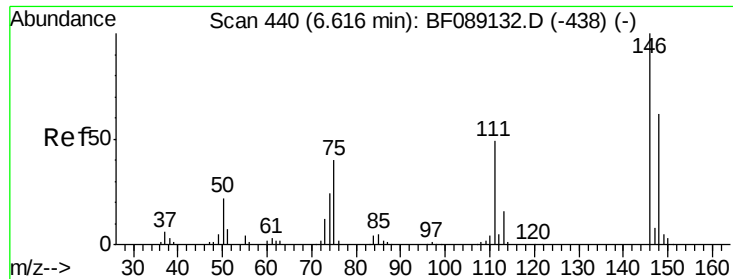
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

75 26.4 32.5 48.7#

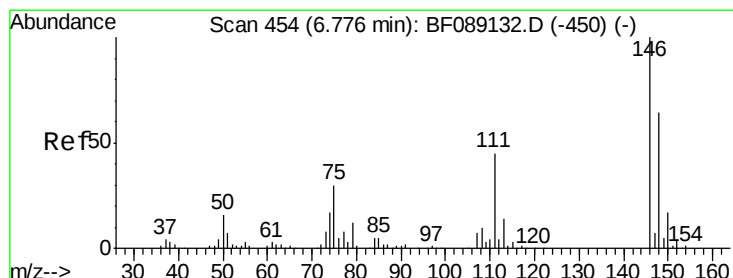
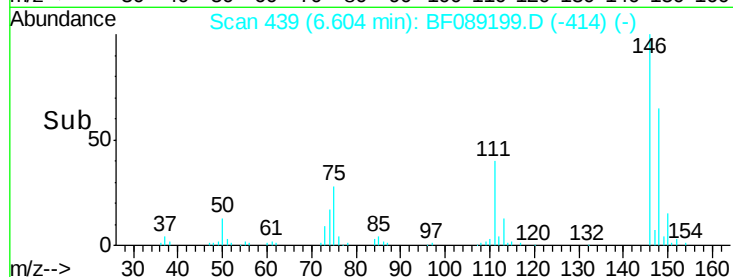
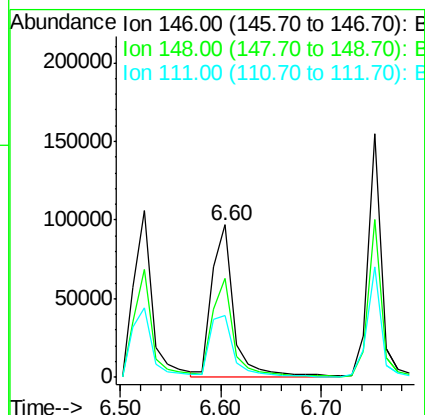
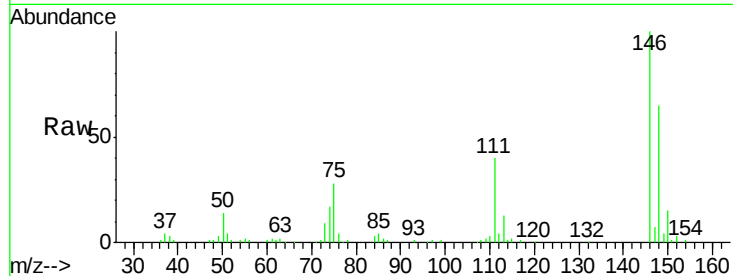




#13
 1,4-Dichlorobenzene
 Concen: 38.50 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

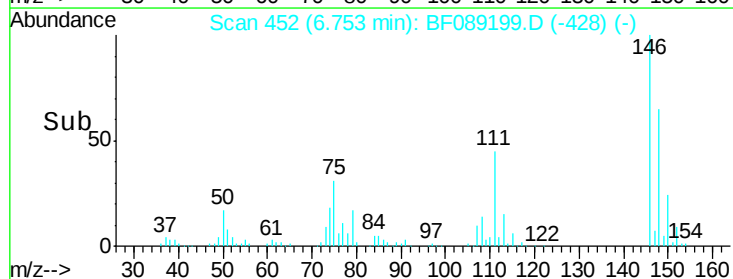
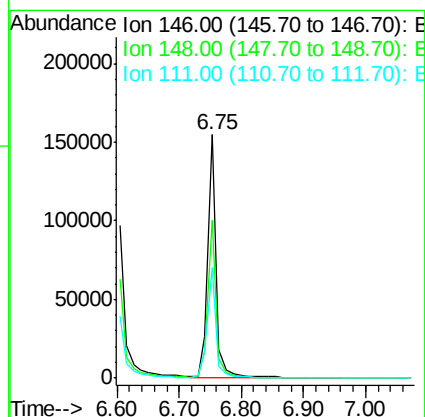
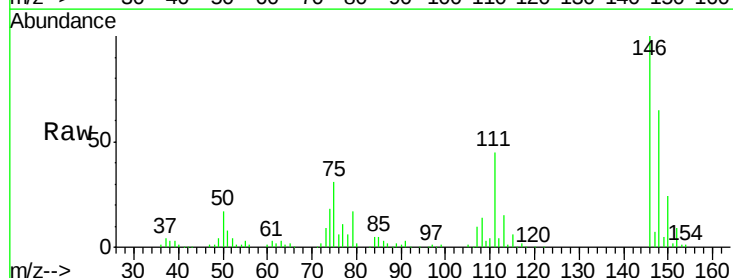
Instrument :
 BNA_F
 ClientSampleId :
 PB92344BS

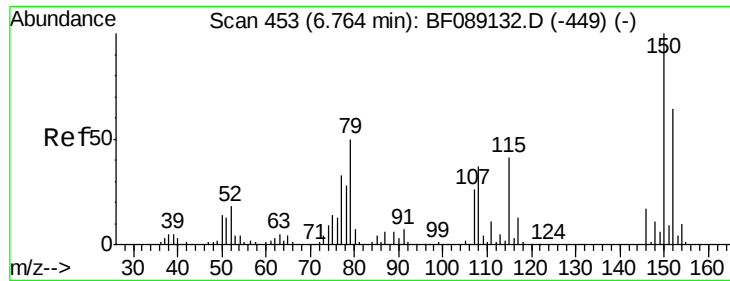
Tgt Ion:146 Resp: 147196
 Ion Ratio Lower Upper
 146 100
 148 65.2 49.9 74.9
 111 40.3 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 41.45 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion:146 Resp: 149397
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.0
 111 45.4 35.9 53.9

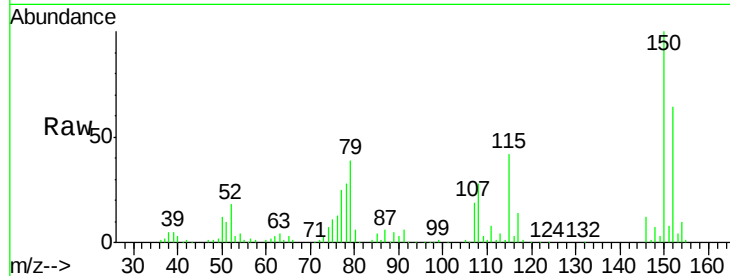




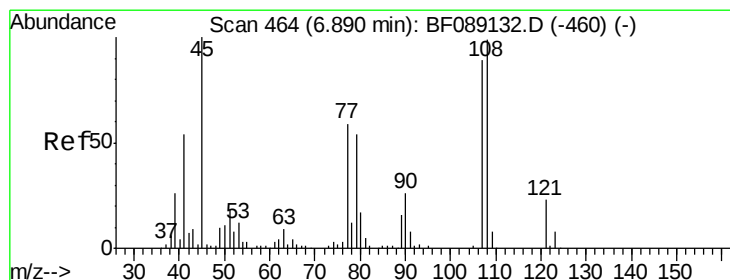
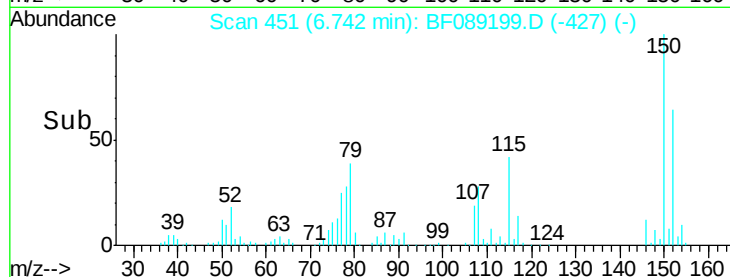
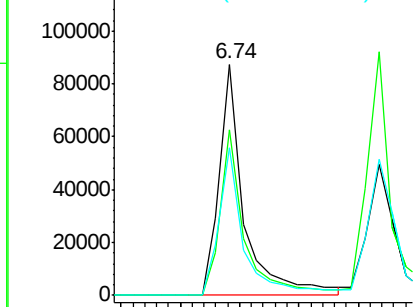
#15
Benzyl Alcohol
Concen: 43.36 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB92344BS

Tgt Ion: 79 Resp: 126846
Ion Ratio Lower Upper
79 100
108 71.4 58.2 87.4
77 63.6 52.2 78.4

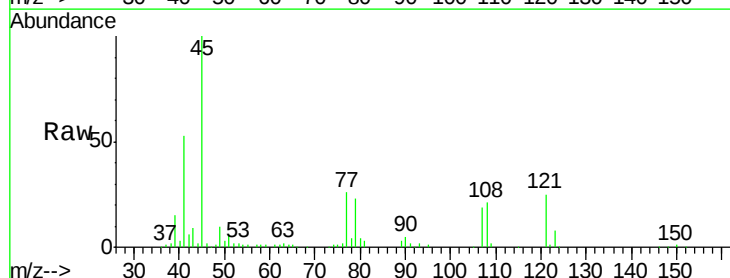


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

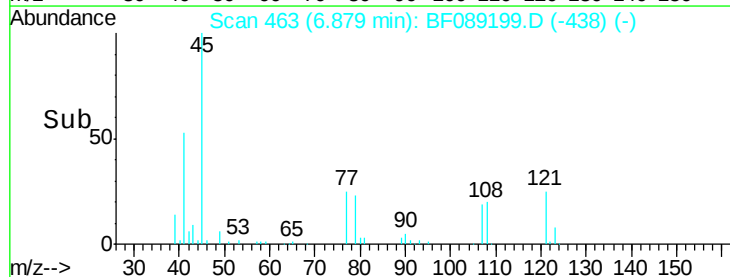
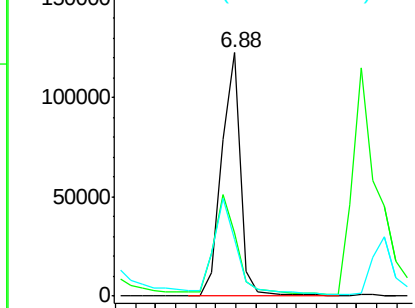


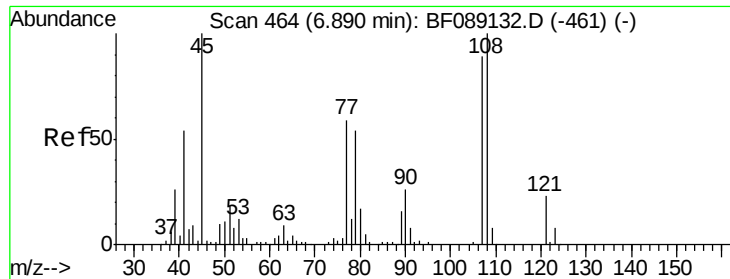
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.47 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion: 45 Resp: 159369
Ion Ratio Lower Upper
45 100
77 25.8 39.7 79.7#
79 23.3 34.7 74.7#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

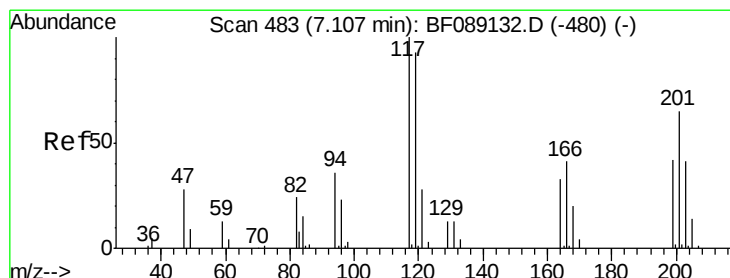
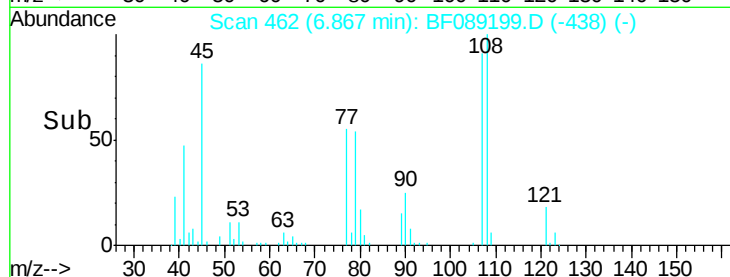
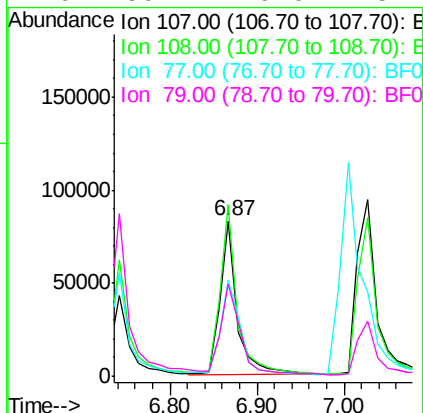
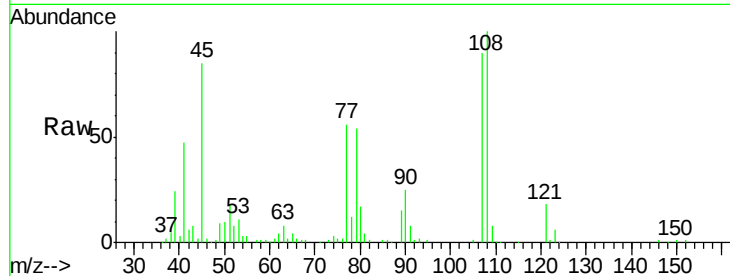




#17
2-Methylphenol
Concen: 42.35 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

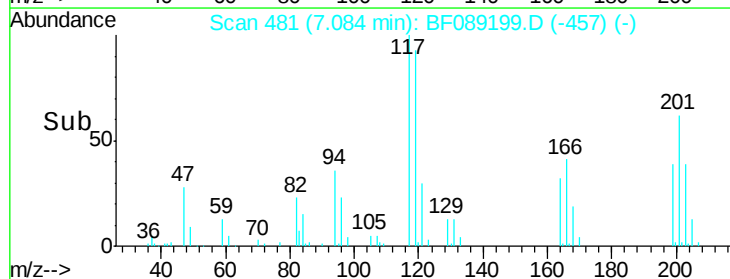
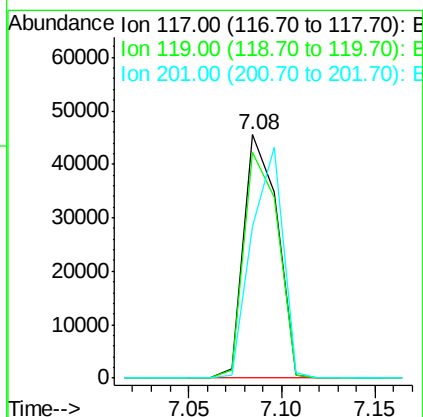
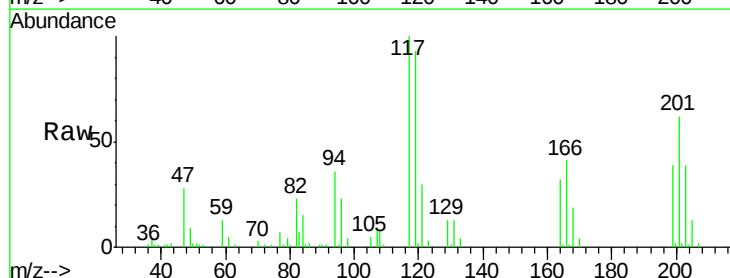
Instrument :
BNA_F
ClientSampleId :
PB92344BS

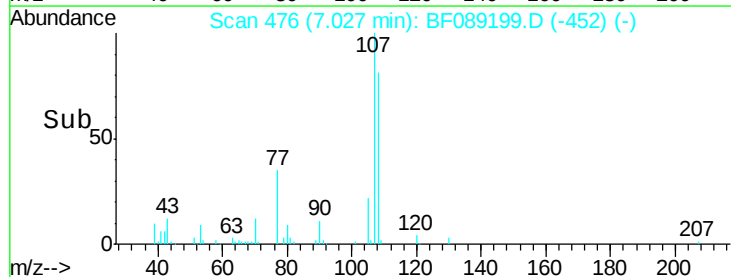
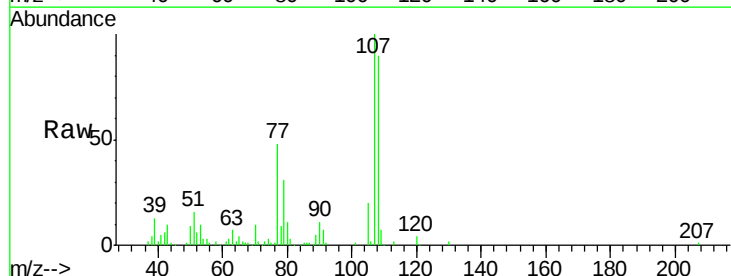
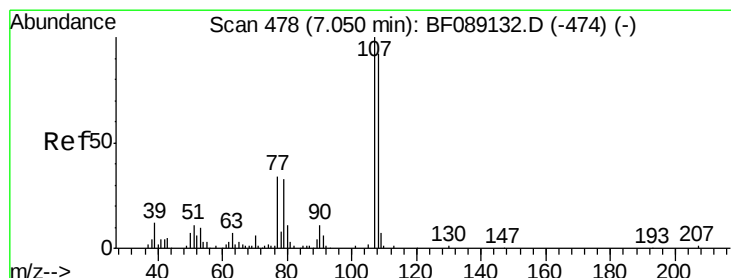
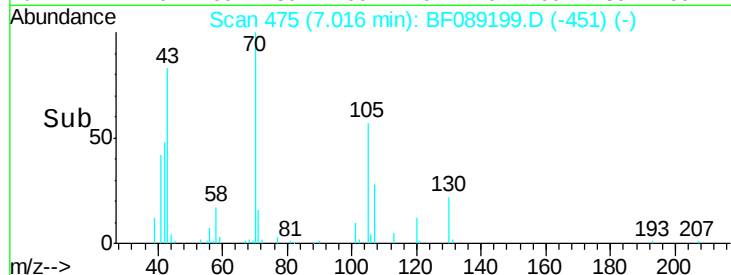
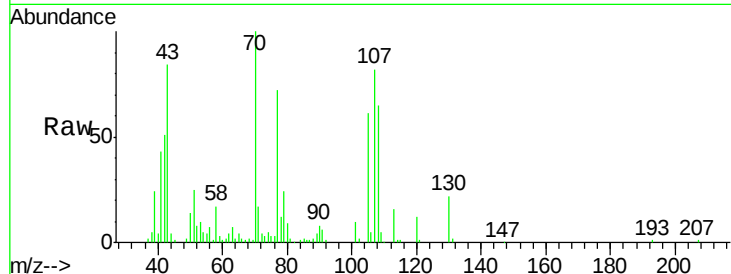
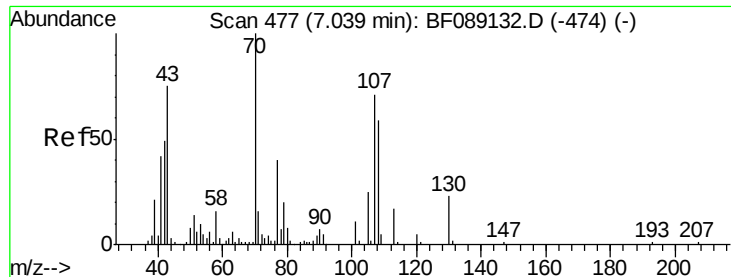
Tgt Ion:107 Resp: 114668
Ion Ratio Lower Upper
107 100
108 110.6 89.4 134.2
77 61.6 53.4 80.0
79 59.4 49.0 73.4



#18
Hexachloroethane
Concen: 39.40 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion:117 Resp: 56610
Ion Ratio Lower Upper
117 100
119 92.7 74.5 111.7
201 62.0 51.8 77.6

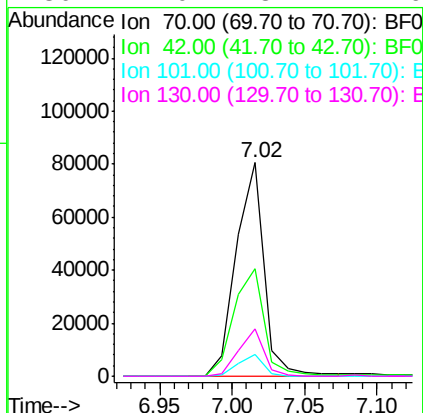




#19
n-Nitroso-di-n-propylamine
Concen: 41.53 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

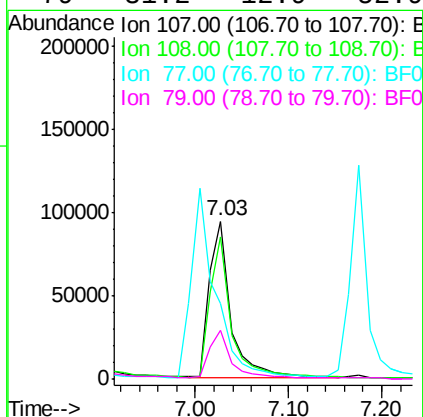
Instrument :
BNA_F
ClientSampleId :
PB92344BS

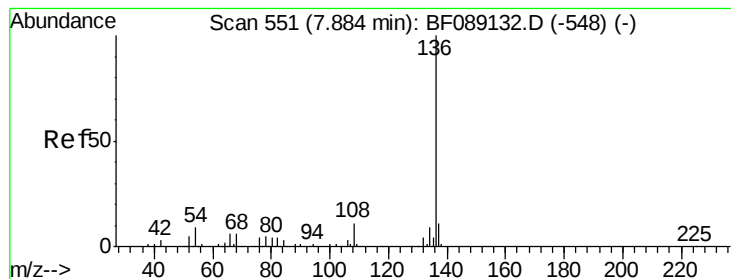
Tgt Ion:	70	Resp:	108498
Ion	Ratio	Lower	Upper
70	100		
42	50.5	39.2	58.8
101	10.4	8.5	12.7
130	22.0	18.4	27.6



#20
3+4-Methylphenols
Concen: 41.61 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion:	107	Resp:	152957
Ion	Ratio	Lower	Upper
107	100		
108	90.2	72.5	112.5
77	47.7	17.7	57.7
79	31.2	12.9	52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

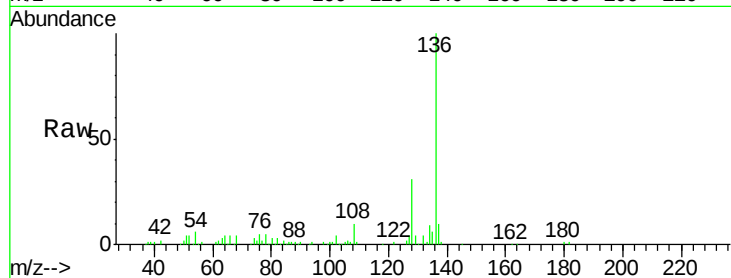
Instrument :

BNA_F

ClientSampleId :

PB92344BS

Tgt Ion:	136	Resp:	192716
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.8	13.2
54	5.6	7.0	10.4#
68	4.5	5.0	7.6#

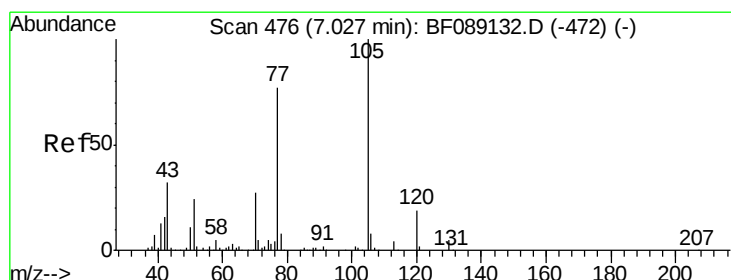
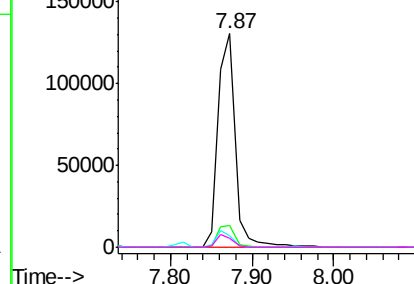
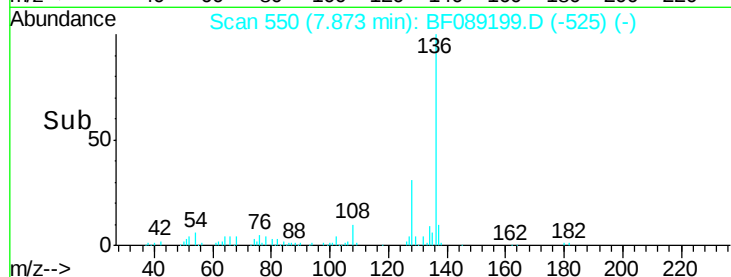


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.44 ng

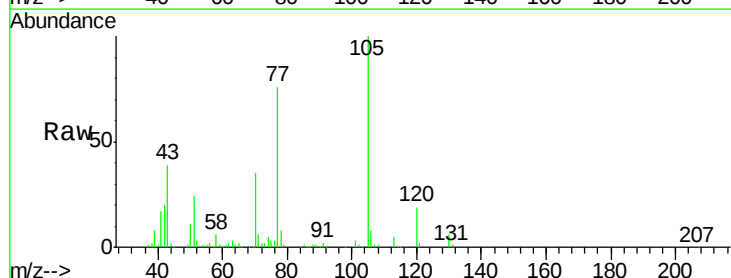
RT: 7.00 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Tgt Ion:	105	Resp:	213280
Ion Ratio	Lower	Upper	
105	100		
71	6.0	3.8	5.6#
51	24.1	19.6	29.4
120	19.1	15.5	23.3

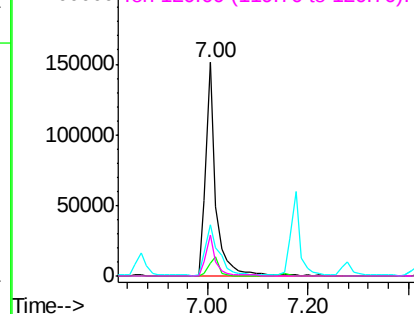
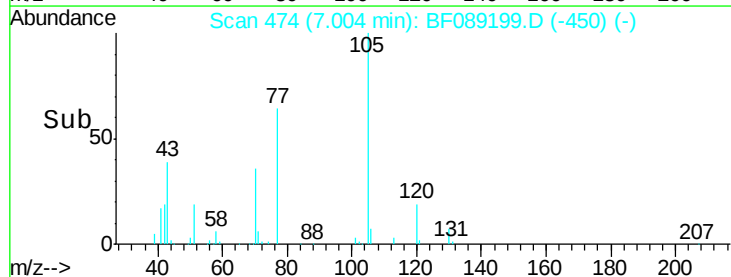


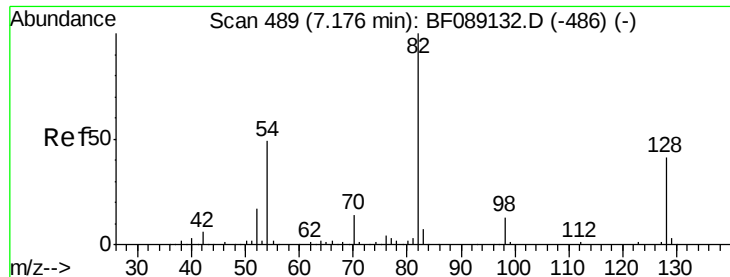
Abundance Ion 105.00 (104.70 to 105.70): E

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

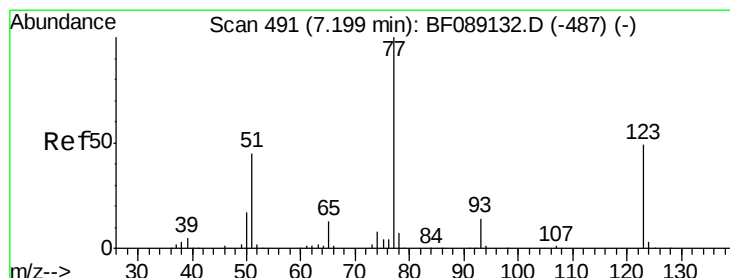
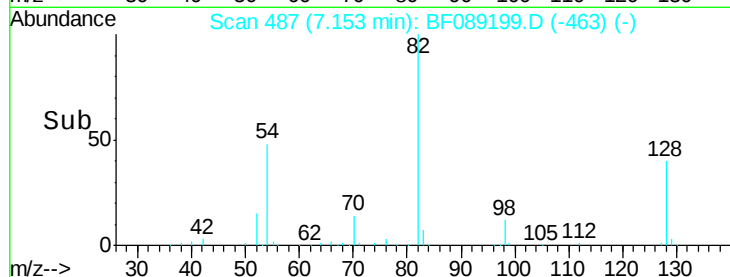
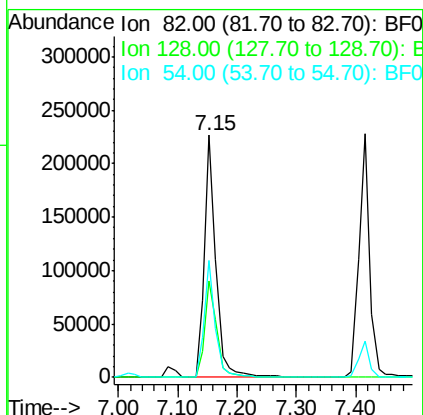
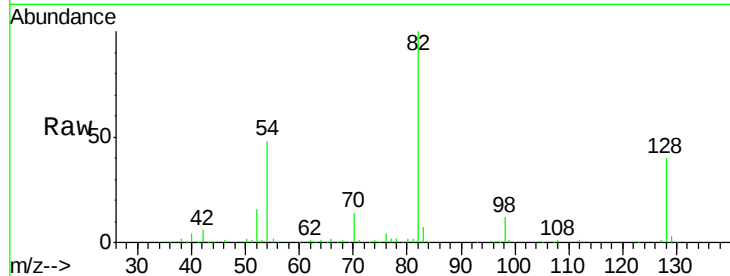




#23
Nitrobenzene-d5
Concen: 87.40 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

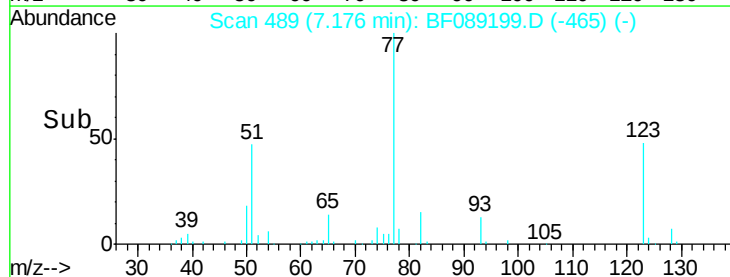
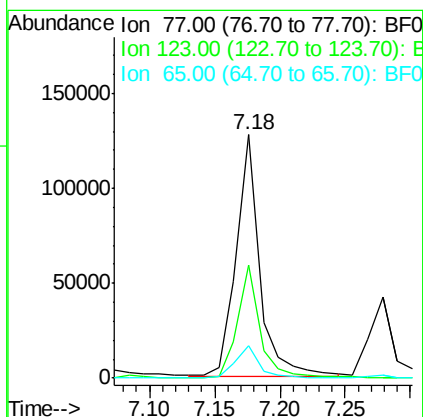
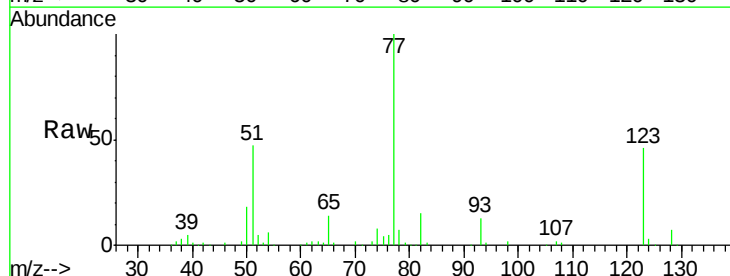
Instrument :
BNA_F
ClientSampleId :
PB92344BS

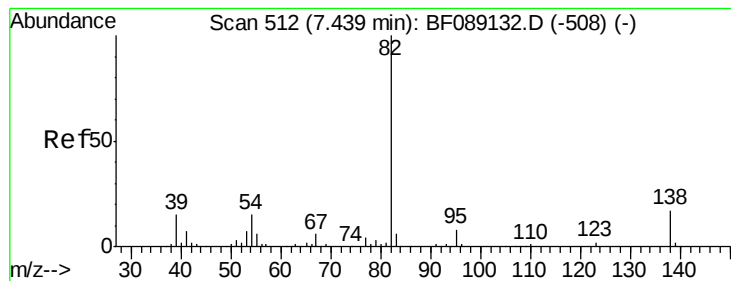
Tgt Ion: 82 Resp: 317002
Ion Ratio Lower Upper
82 100
128 39.9 33.0 49.6
54 48.1 39.0 58.4



#24
Nitrobenzene
Concen: 41.66 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion: 77 Resp: 159351
Ion Ratio Lower Upper
77 100
123 46.3 38.9 58.3
65 13.5 10.6 15.8





#25

Isophorone

Concen: 43.13 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

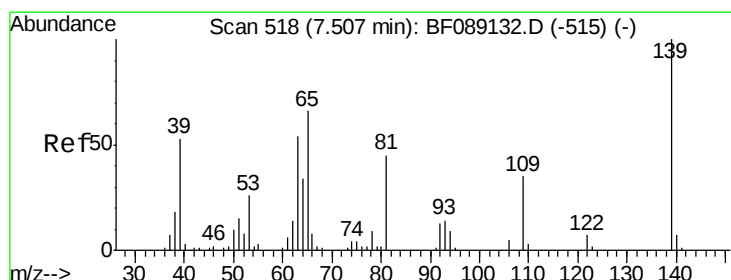
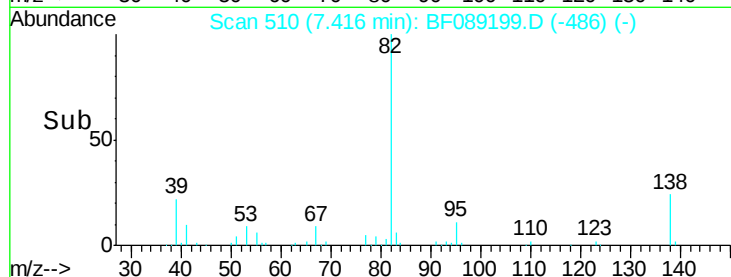
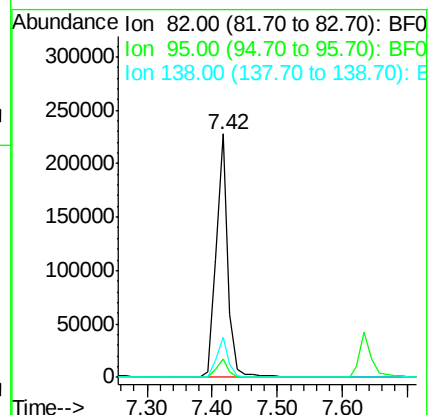
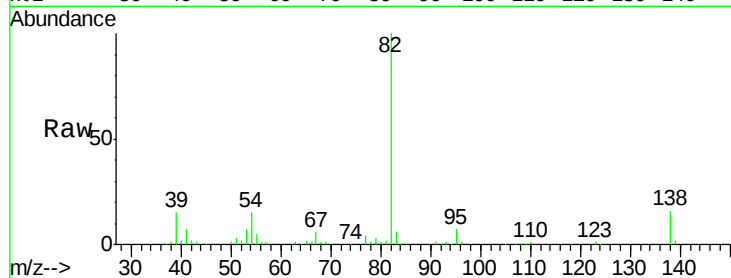
Tgt Ion: 82 Resp: 288288

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

138 16.4 13.6 20.4



#26

2-Nitrophenol

Concen: 41.96 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

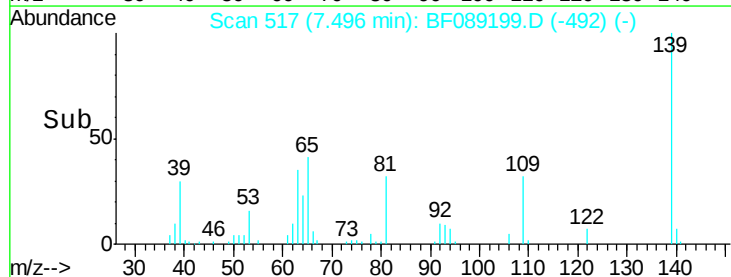
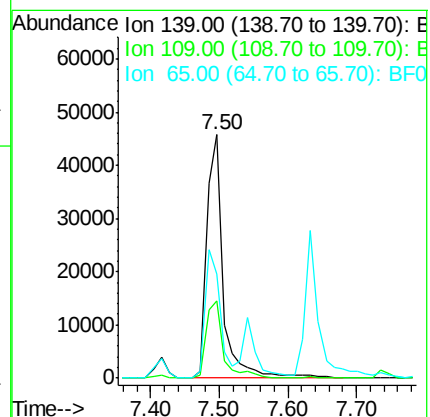
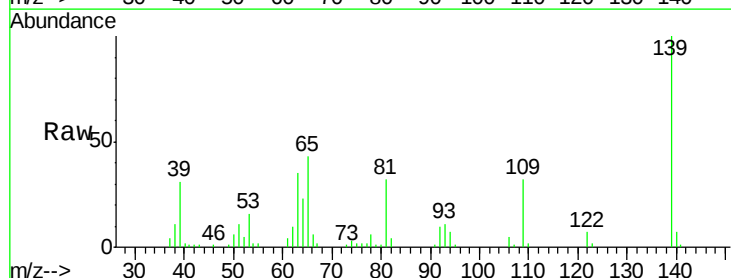
Tgt Ion: 139 Resp: 74857

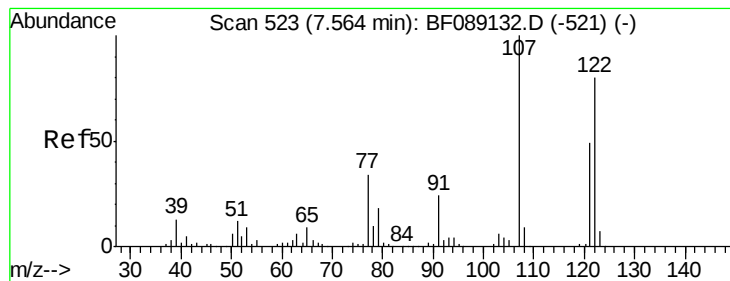
Ion Ratio Lower Upper

139 100

109 31.6 28.1 42.1

65 42.6 52.7 79.1#





#27

2,4-Dimethylphenol

Concen: 39.34 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampled :

PB92344BS

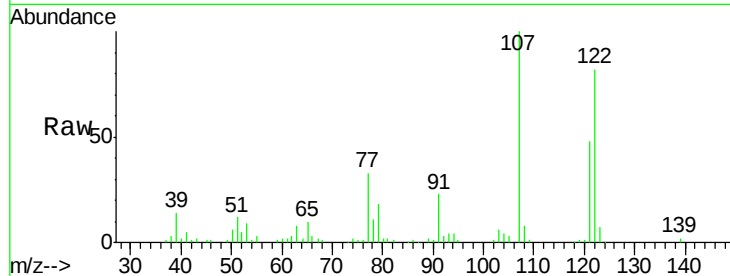
Tgt Ion:122 Resp: 118261

Ion Ratio Lower Upper

122 100

107 122.0 99.7 149.5

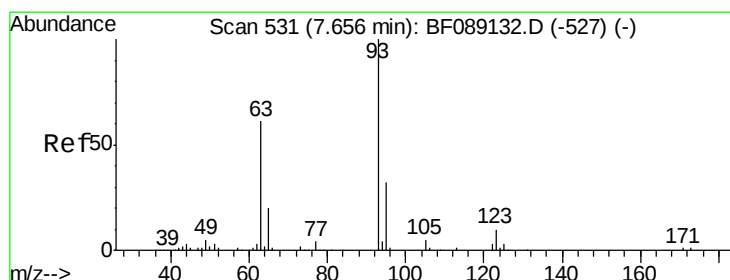
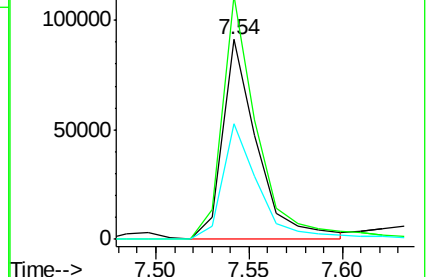
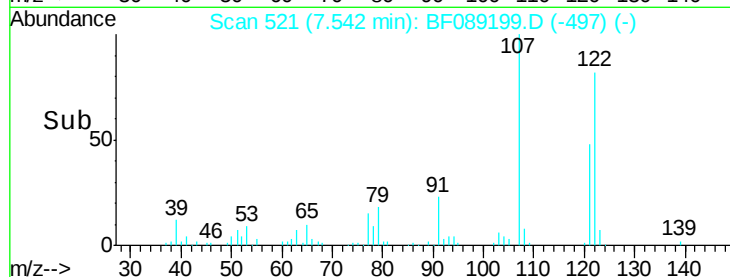
121 58.0 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.02 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

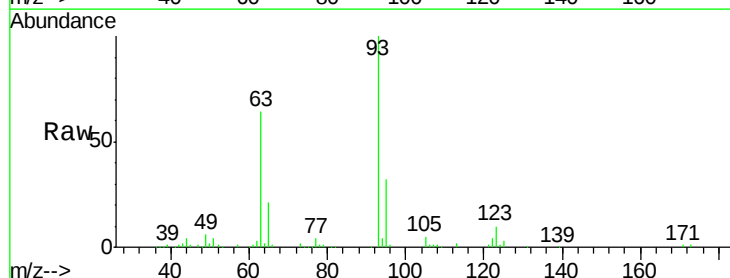
Tgt Ion: 93 Resp: 179861

Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.0

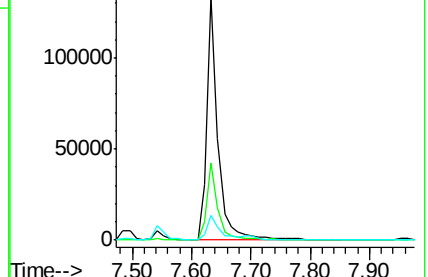
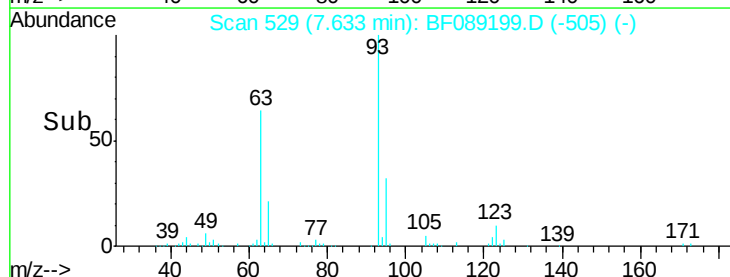
123 10.2 8.3 12.5

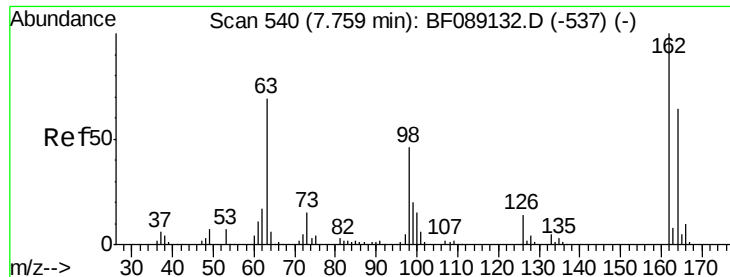


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

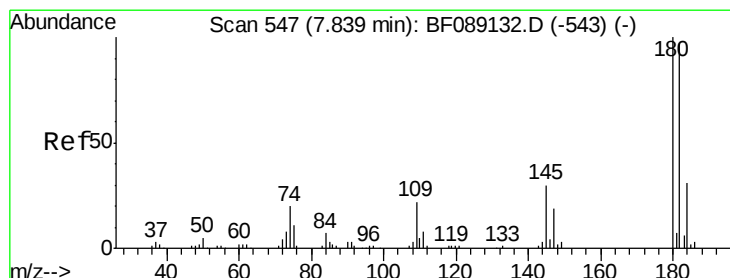
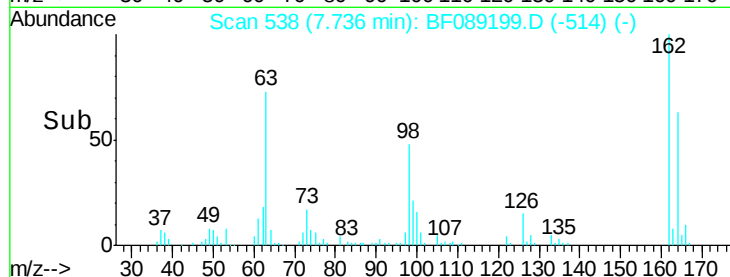
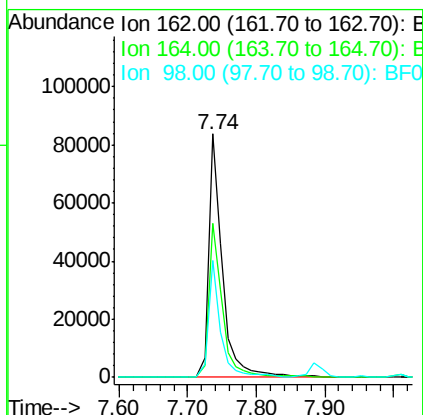
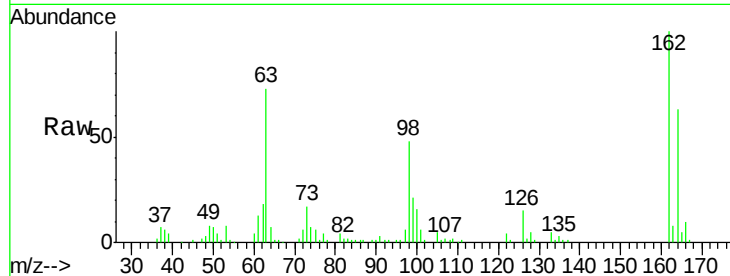




#29
 2,4-Dichlorophenol
 Concen: 42.92 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

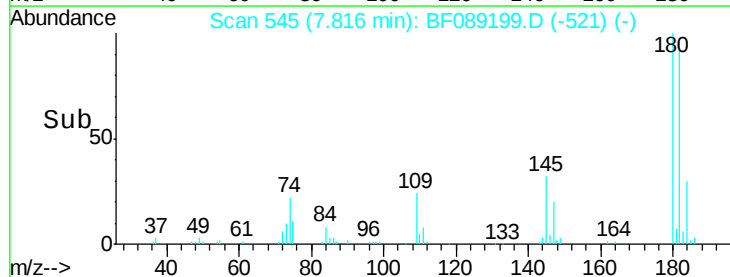
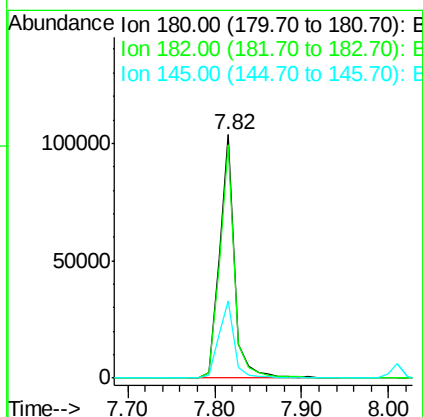
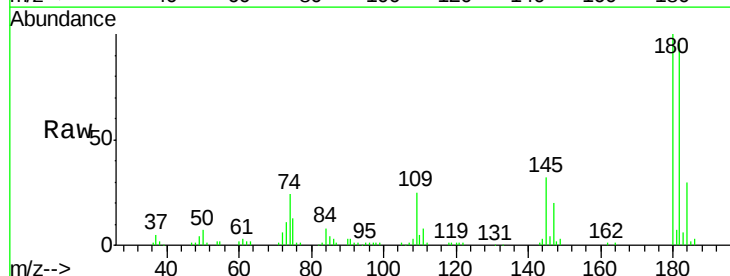
Instrument :
 BNA_F
 ClientSampled :
 PB92344BS

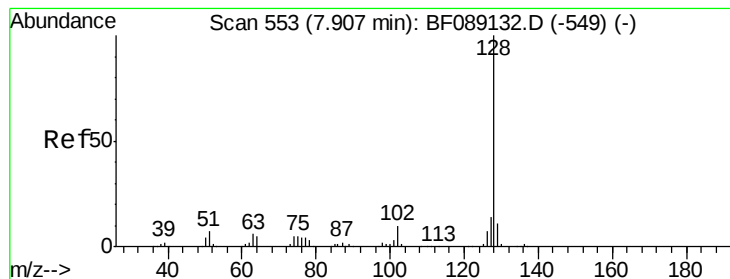
Tgt Ion:162 Resp: 116260
 Ion Ratio Lower Upper
 162 100
 164 63.4 44.0 84.0
 98 47.9 26.0 66.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.99 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion:180 Resp: 125933
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.6 116.4
 145 31.8 24.0 36.0





#31

Naphthalene

Concen: 39.91 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

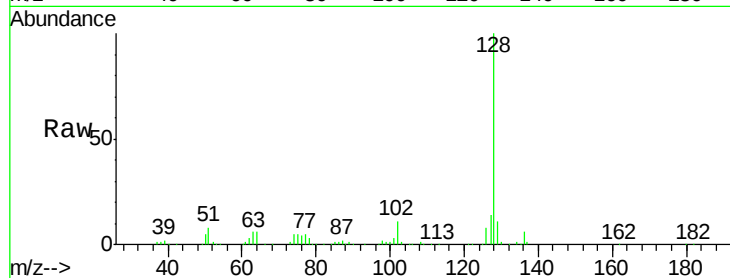
Tgt Ion:128 Resp: 415069

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

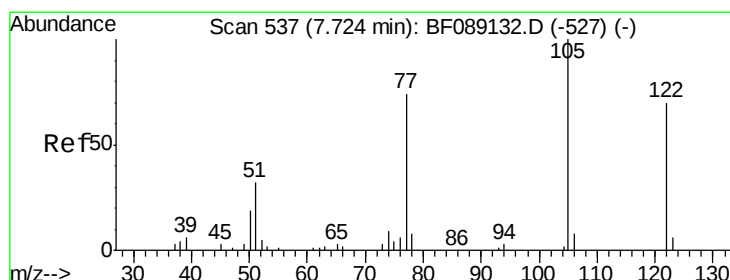
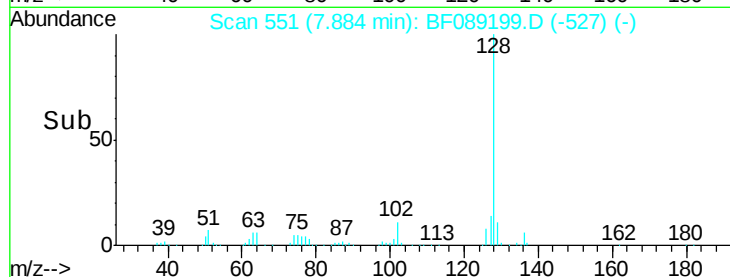
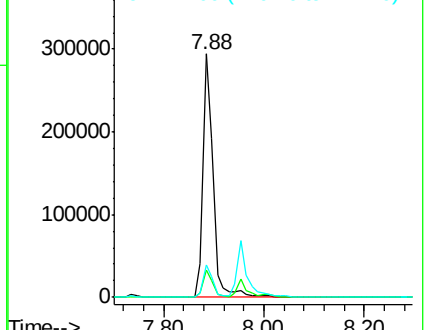
127 13.5 10.8 16.2



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: 37.65 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

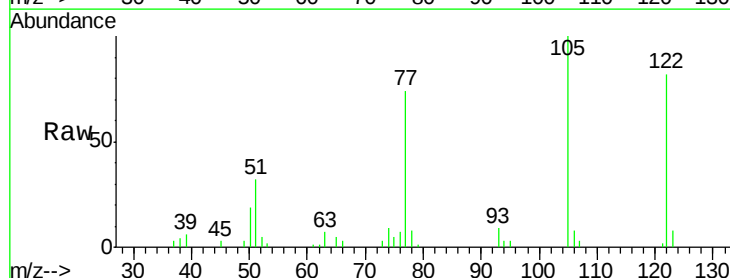
Tgt Ion:122 Resp: 87040

Ion Ratio Lower Upper

122 100

105 122.0 119.0 159.0

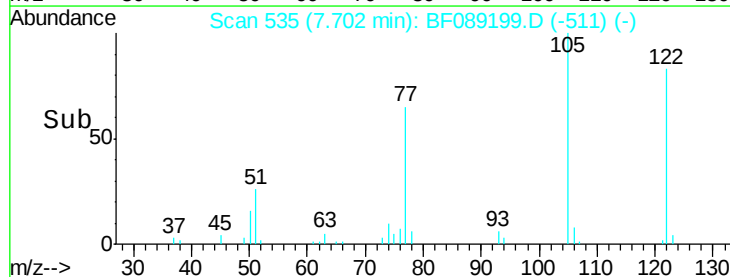
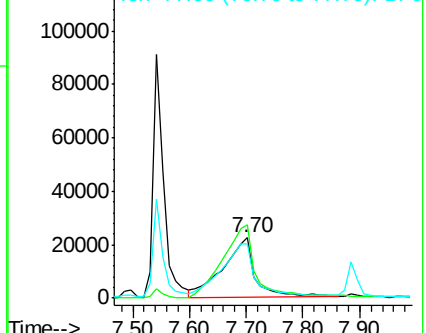
77 90.7 84.7 124.7

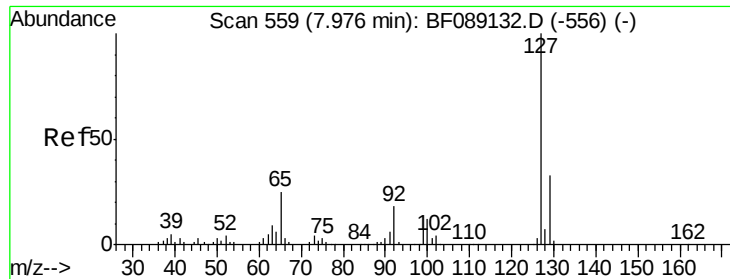


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

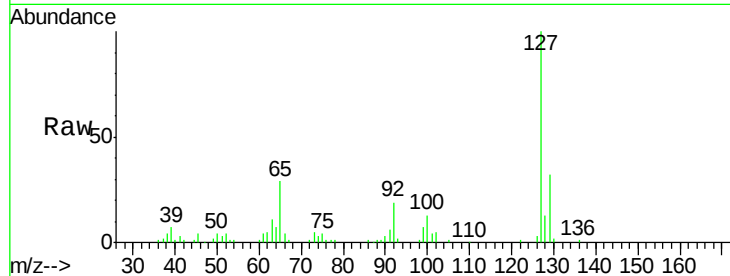




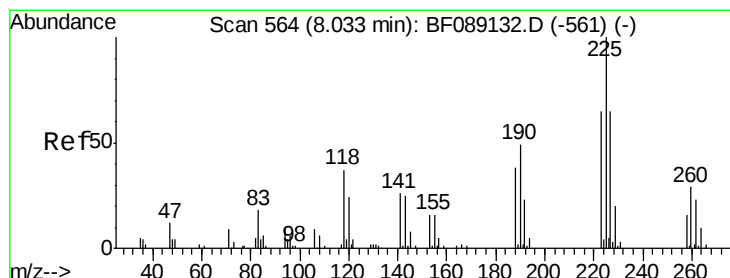
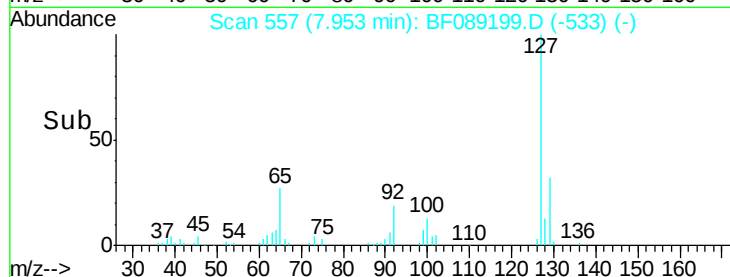
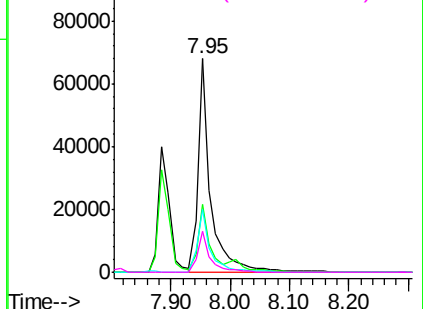
#33
4-Chloroaniline
Concen: 23.32 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB92344BS

Tgt Ion:	127	Resp:	101994
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	29.1	19.7	29.5
92	18.9	14.3	21.5

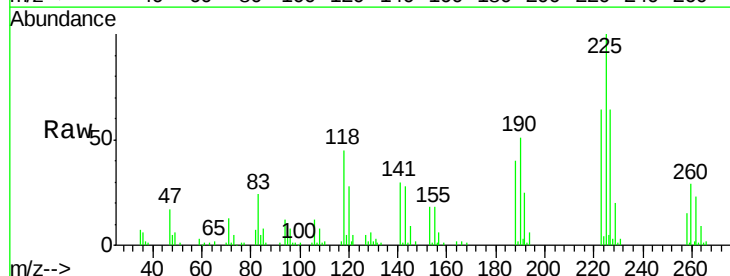


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

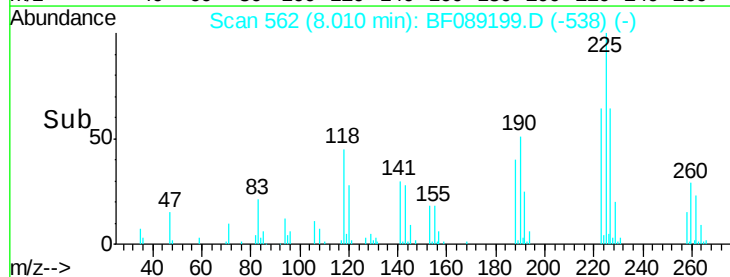
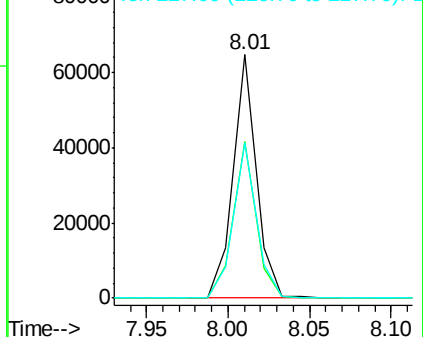


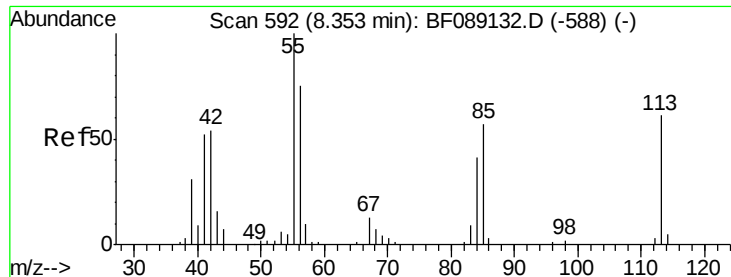
#34
Hexachlorobutadiene
Concen: 37.94 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion:	225	Resp:	63328
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.6	77.4
227	63.6	51.6	77.4



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

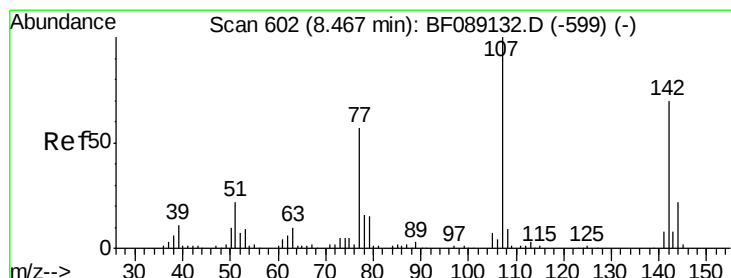
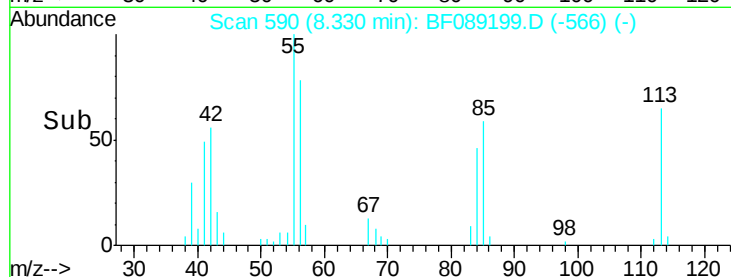
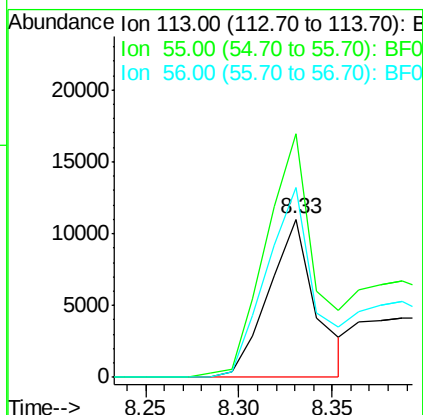
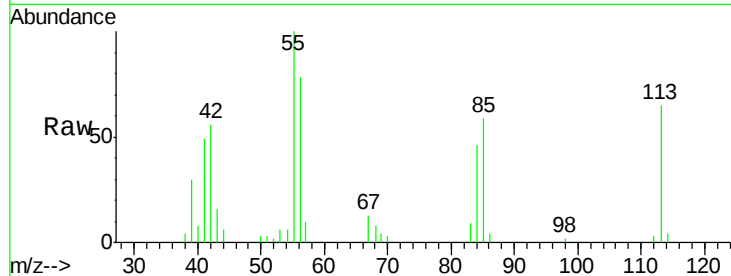




#35
 Caprolactam
 Concen: 23.09 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

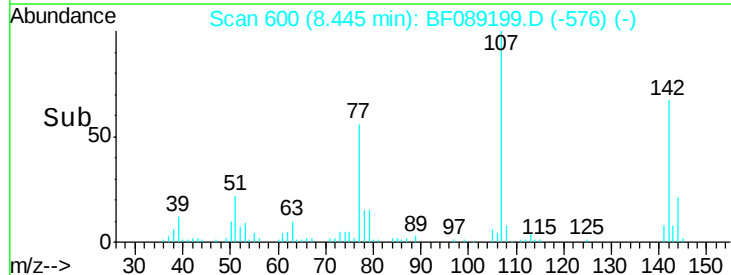
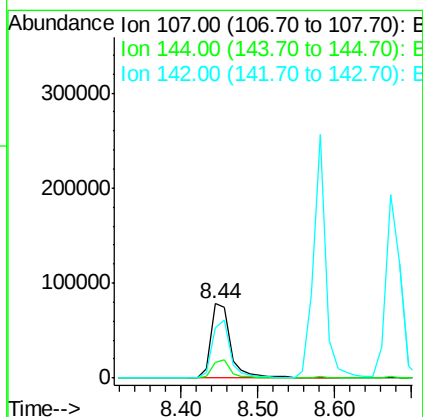
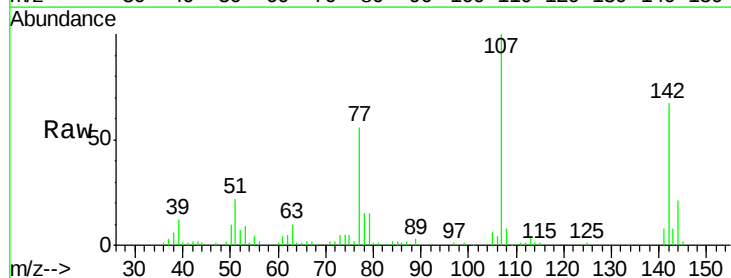
Instrument :
 BNA_F
 ClientSampleId :
 PB92344BS

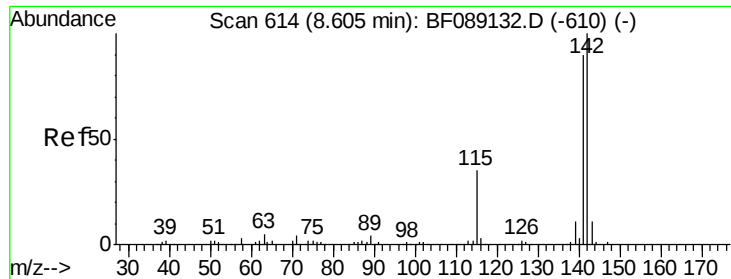
Tgt Ion:113 Resp: 19428
 Ion Ratio Lower Upper
 113 100
 55 153.7 145.3 185.3
 56 119.8 104.3 144.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.09 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion:107 Resp: 140629
 Ion Ratio Lower Upper
 107 100
 144 21.1 17.8 26.6
 142 66.8 56.1 84.1

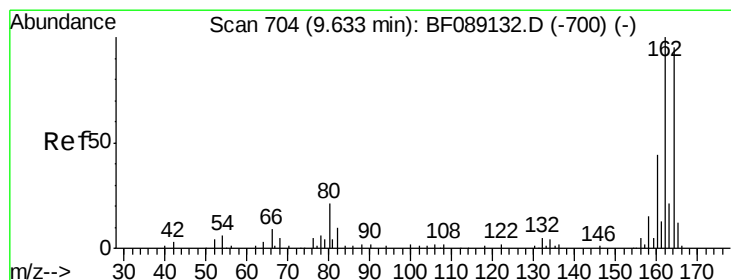
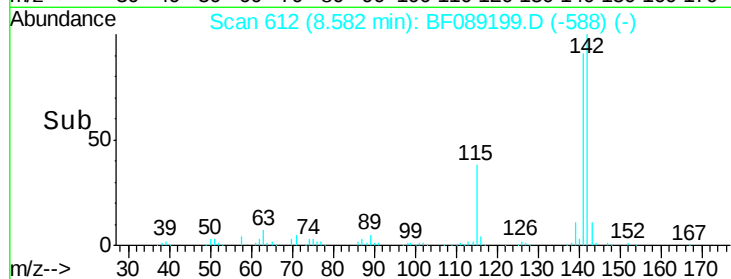
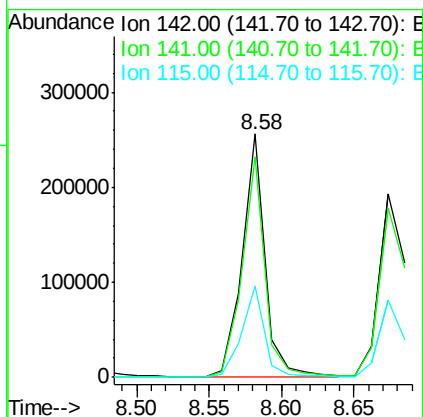
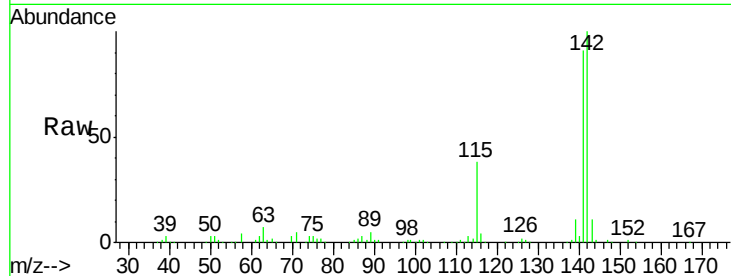




#37
2-Methylnaphthalene
Concen: 42.37 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

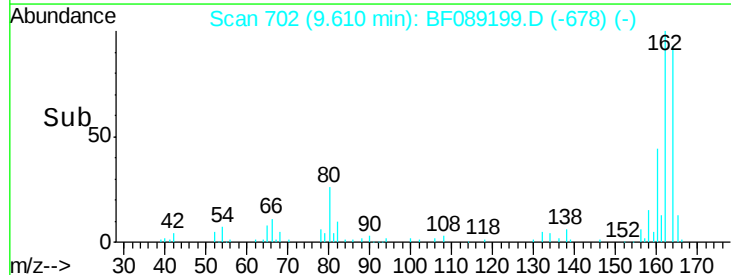
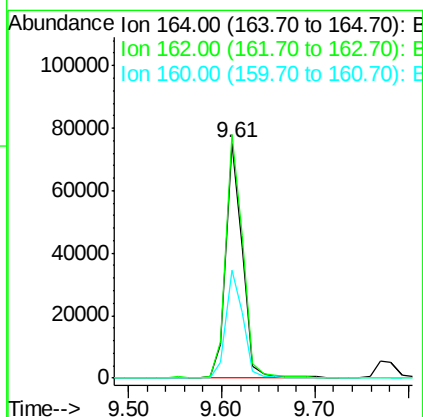
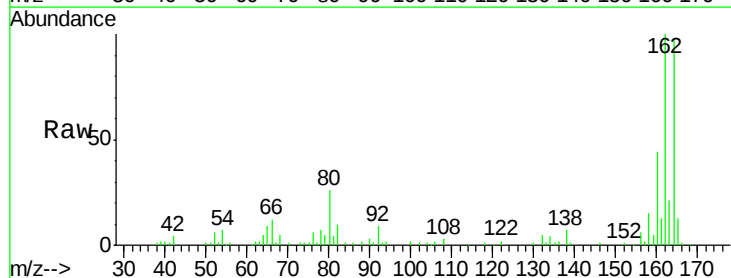
Instrument :
BNA_F
ClientSampleId :
PB92344BS

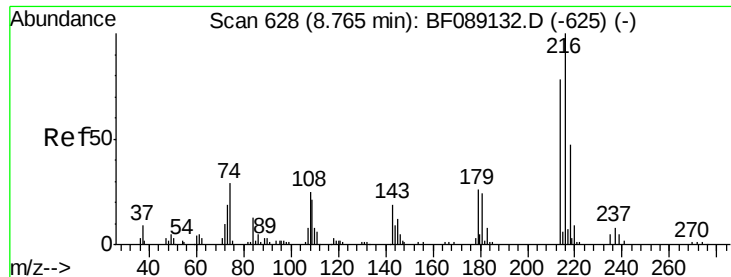
Tgt Ion:142 Resp: 281085
Ion Ratio Lower Upper
142 100
141 90.6 71.6 107.4
115 37.6 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion:164 Resp: 93023
Ion Ratio Lower Upper
164 100
162 103.5 84.1 126.1
160 45.9 37.1 55.7

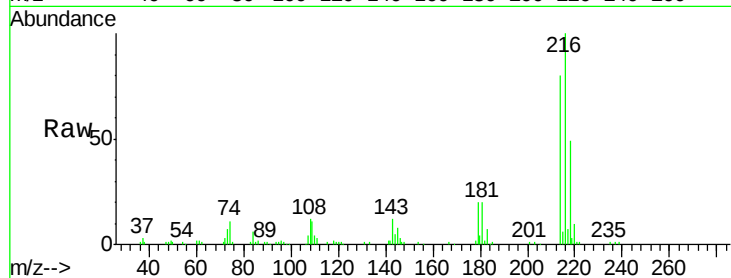




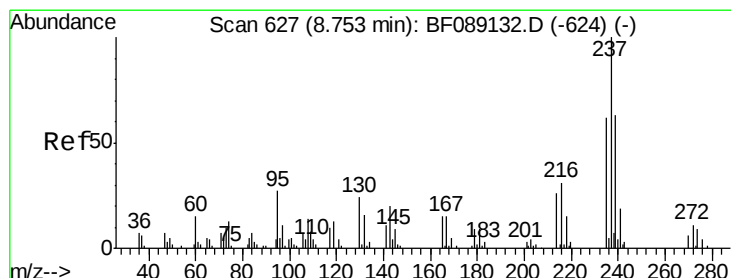
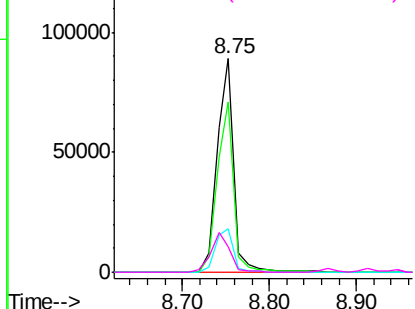
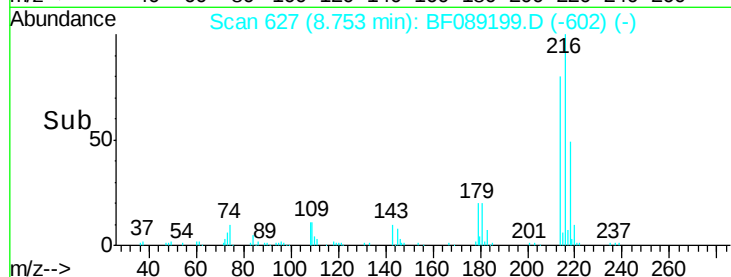
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.46 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB92344BS

Tgt Ion:	216	Resp:	119132
Ion	Ratio	Lower	Upper
216	100		
214	79.4	61.9	92.9
179	22.4	18.4	27.6
108	21.5	17.0	25.6

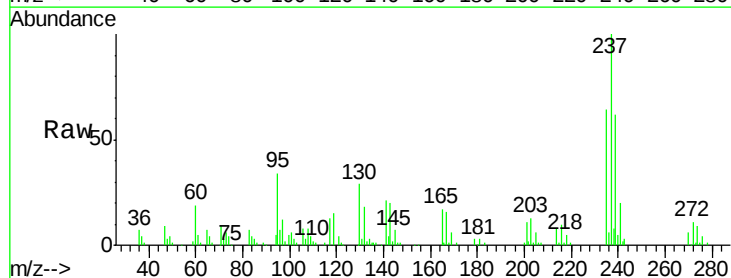


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

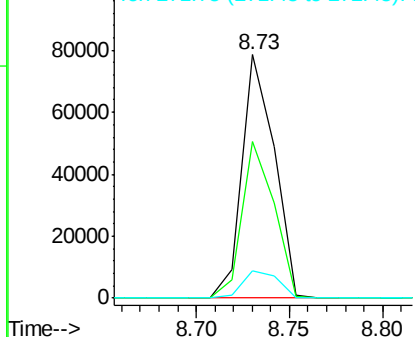
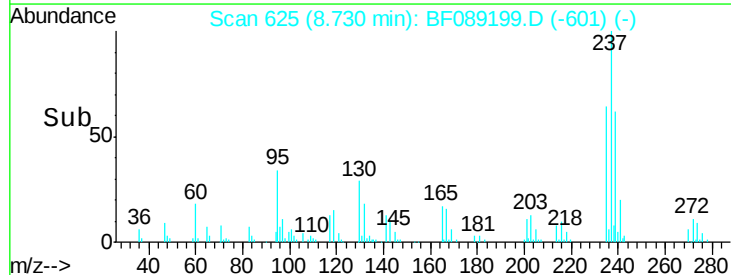


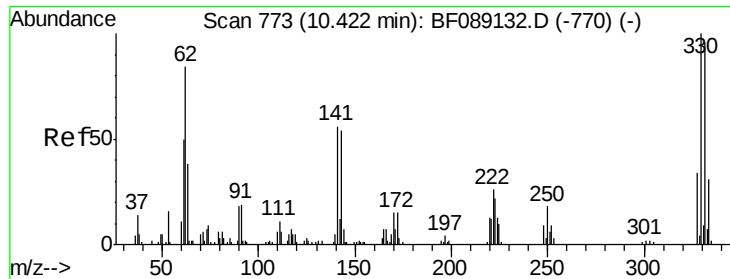
#40
 Hexachlorocyclopentadiene
 Concen: 81.20 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion:	237	Resp:	94158
Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.1	82.1
272	11.4	0.0	31.4



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

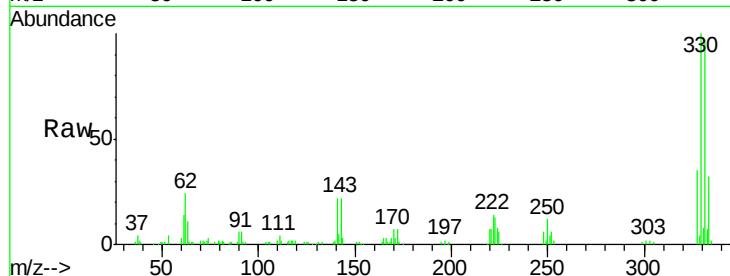




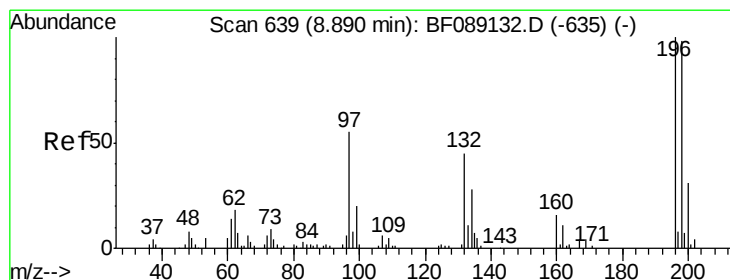
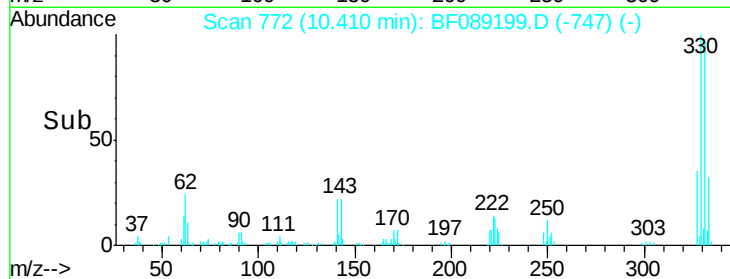
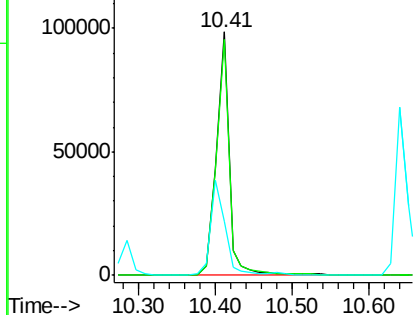
#41
 2,4,6-Tribromophenol
 Concen: 137.47 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB92344BS

Tgt Ion:330 Resp: 115130
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.2 115.8
 141 45.1 42.2 63.2

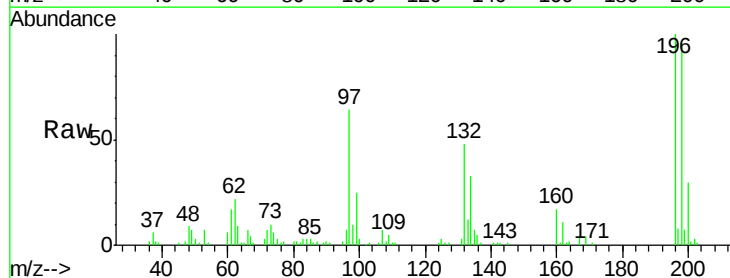


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

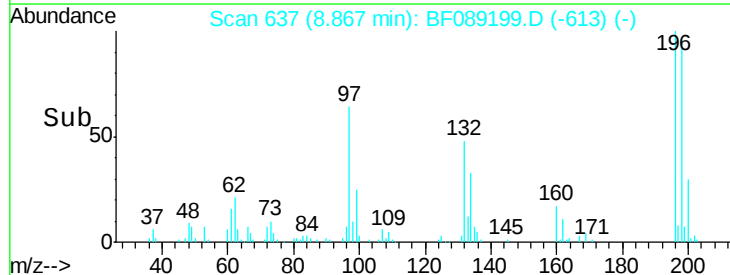
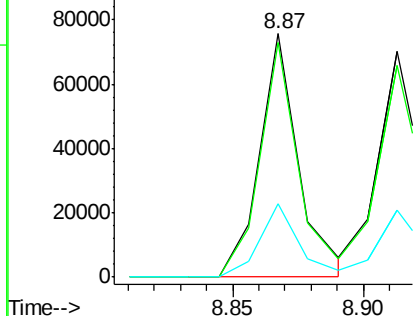


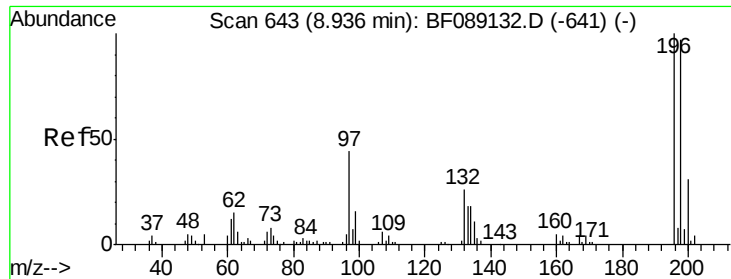
#42
 2,4,6-Trichlorophenol
 Concen: 40.85 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion:196 Resp: 79062
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.3 117.5
 200 30.3 25.0 37.4



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

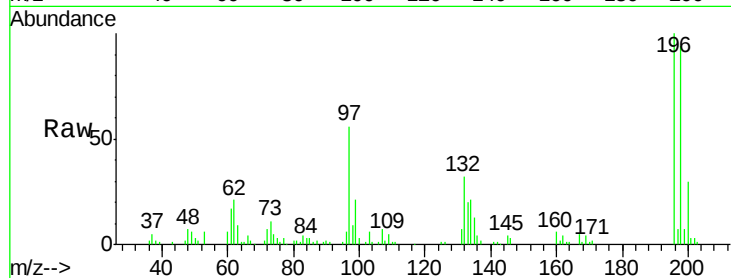




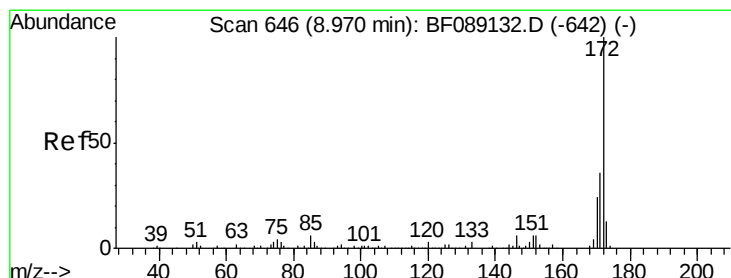
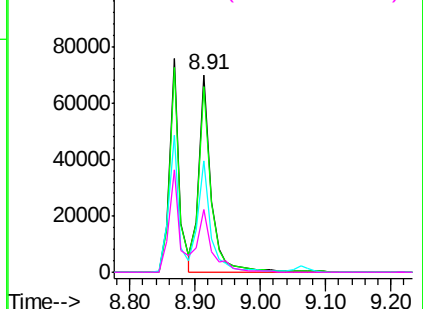
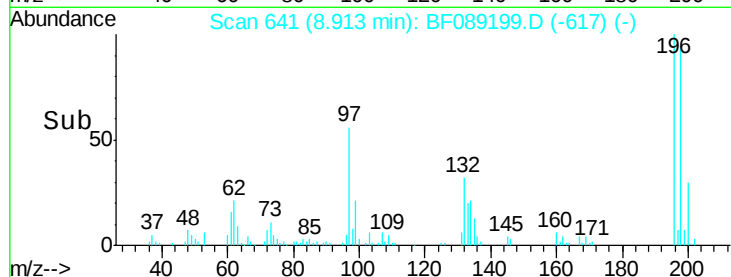
#43
 2,4,5-Trichlorophenol
 Concen: 48.11 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB92344BS

Tgt Ion:196 Resp: 93445
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.6 116.4
 97 56.4 36.5 54.7#
 132 31.5 21.2 31.8

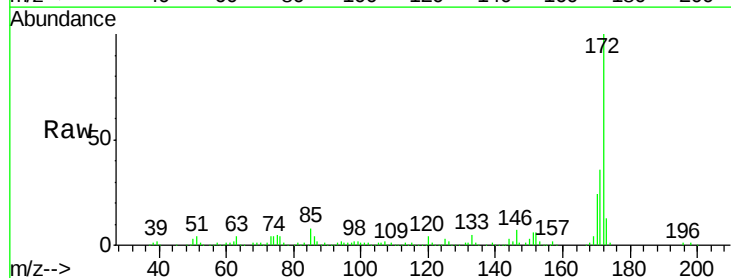


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

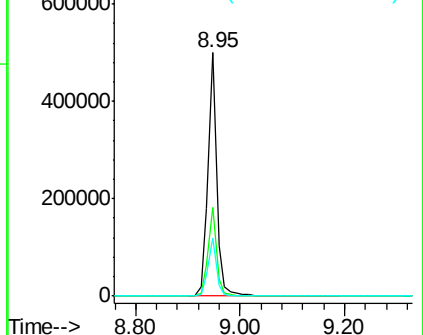
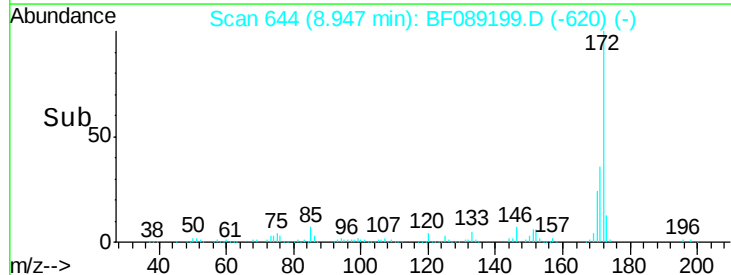


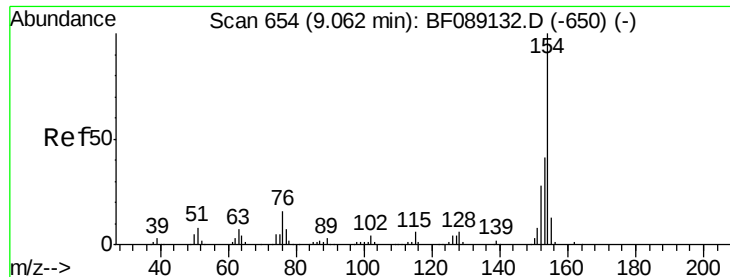
#44
 2-Fluorobiphenyl
 Concen: 86.21 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion:172 Resp: 582075
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.8 19.1 28.7



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

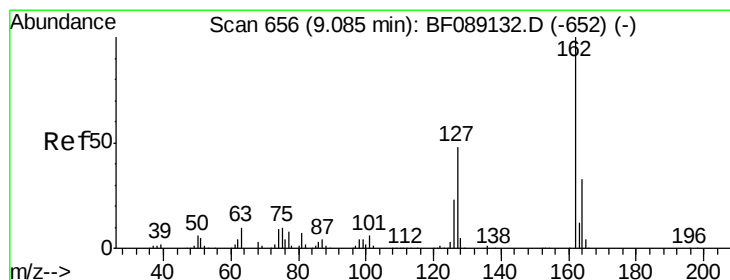
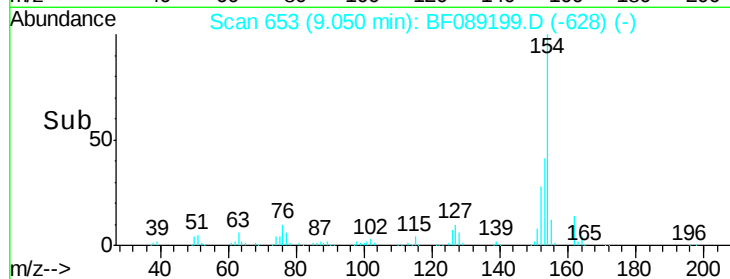
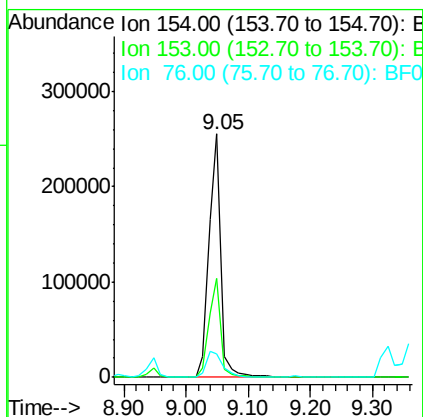
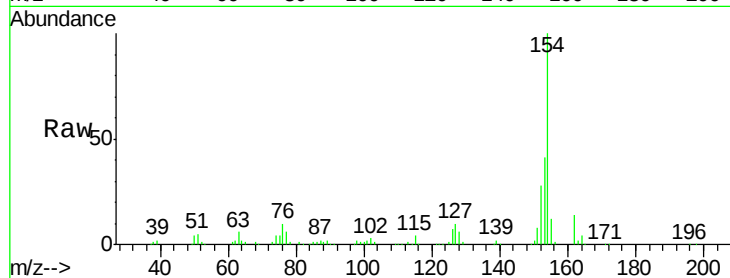




#45
 1,1'-Biphenyl
 Concen: 40.21 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

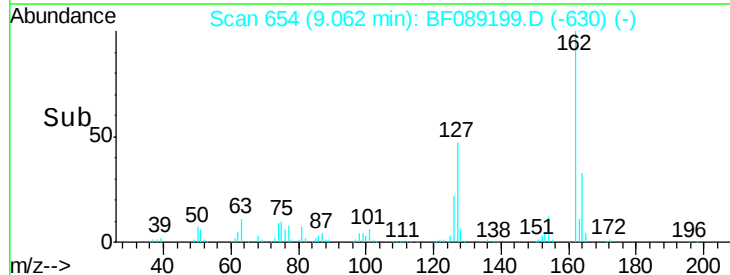
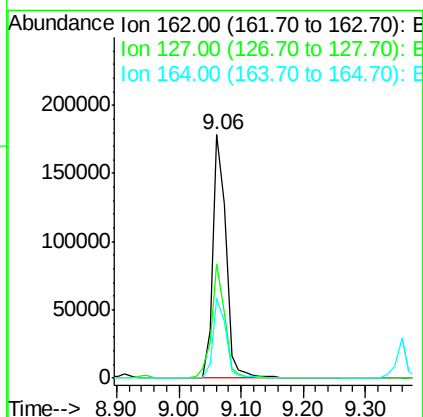
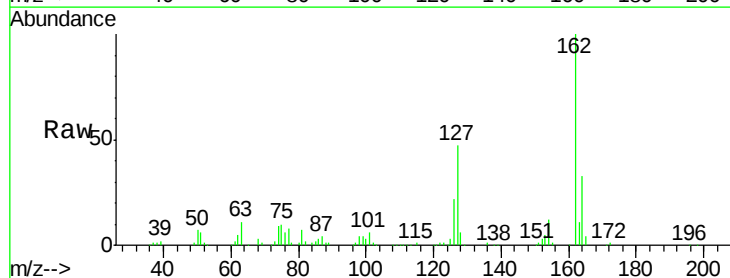
Instrument :
 BNA_F
 ClientSampleId :
 PB92344BS

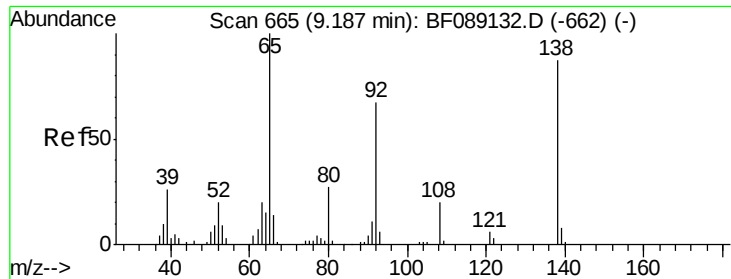
Tgt Ion:154 Resp: 336814
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.1 61.1
 76 9.6 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 40.76 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion:162 Resp: 259438
 Ion Ratio Lower Upper
 162 100
 127 46.8 38.1 57.1
 164 32.5 26.1 39.1

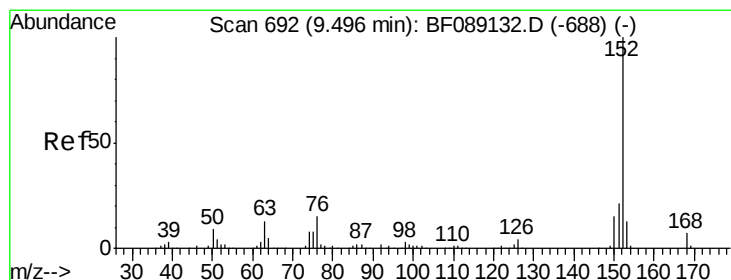
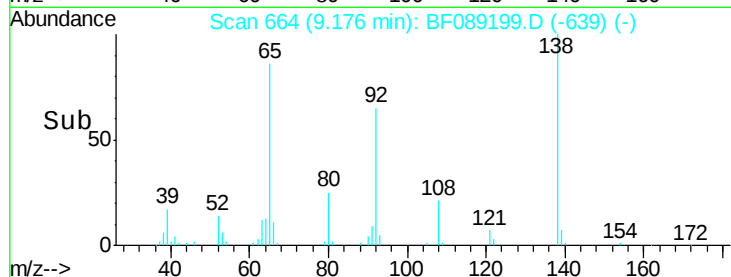
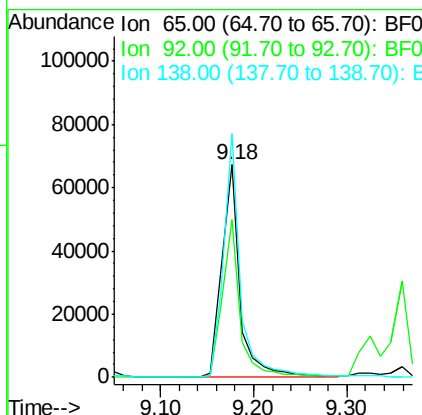
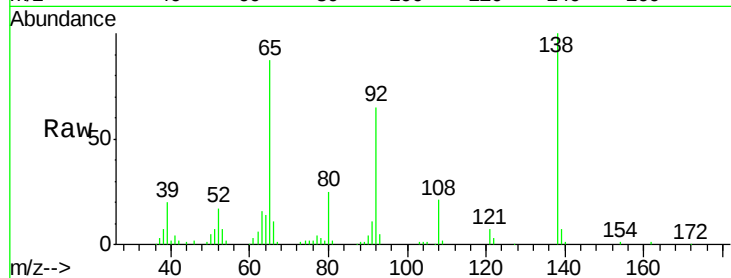




#47
2-Nitroaniline
Concen: 41.74 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

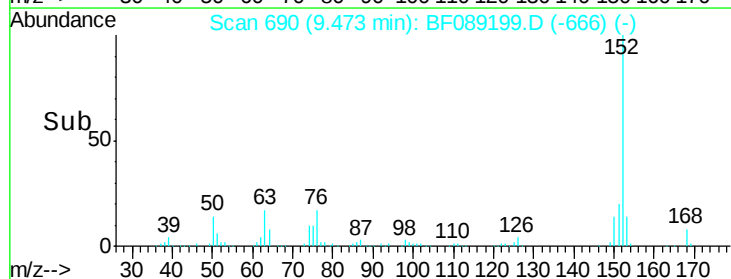
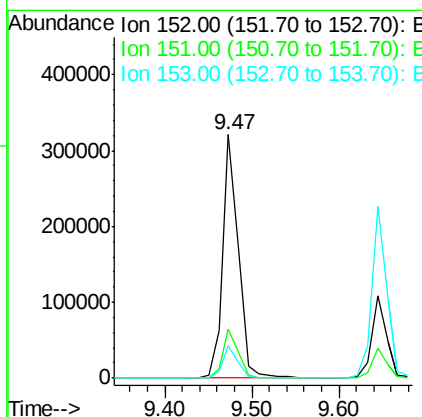
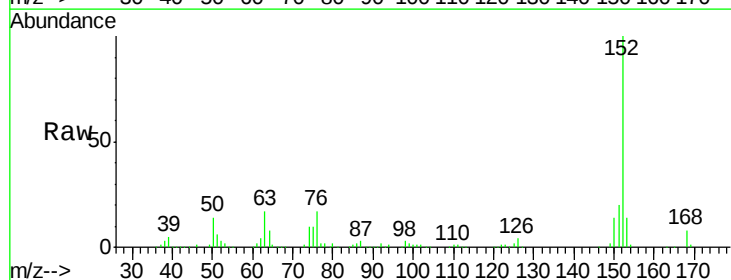
Instrument :
BNA_F
ClientSampleId :
PB92344BS

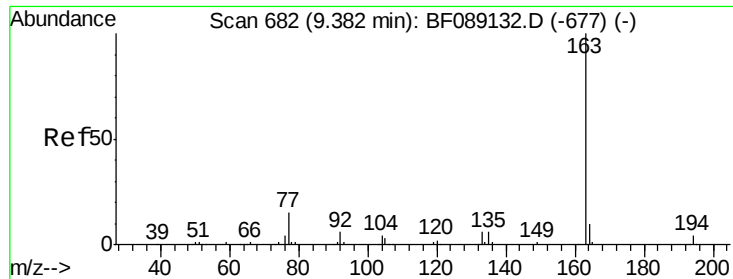
Tgt Ion: 65 Resp: 91151
Ion Ratio Lower Upper
65 100
92 74.1 53.2 79.8
138 114.5 69.4 104.2#



#48
Acenaphthylene
Concen: 40.79 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion: 152 Resp: 408218
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.5 10.7 16.1

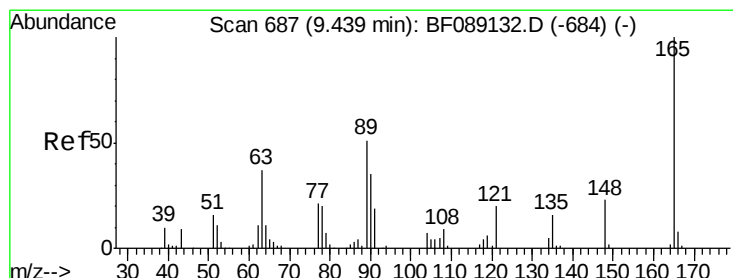
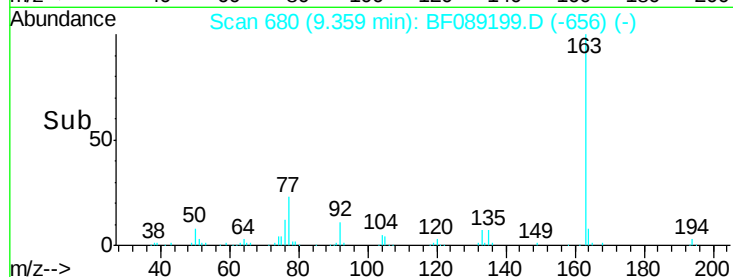
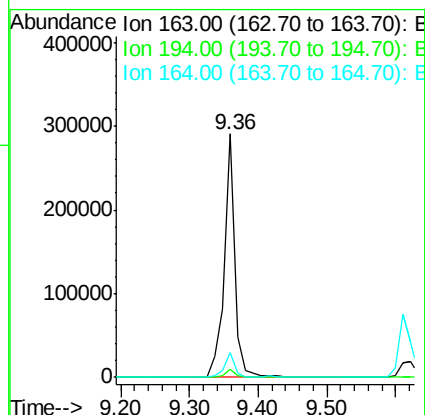
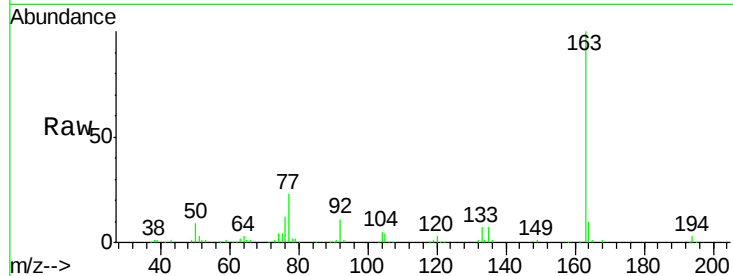




#49
Dimethylphthalate
Concen: 45.02 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

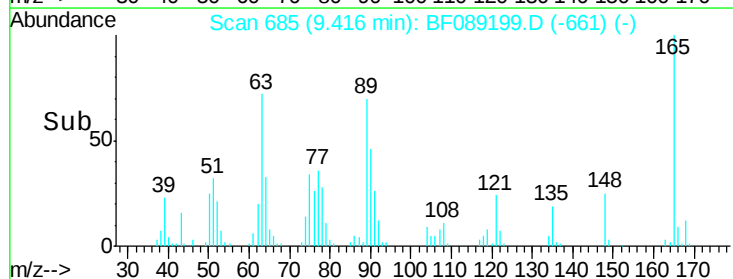
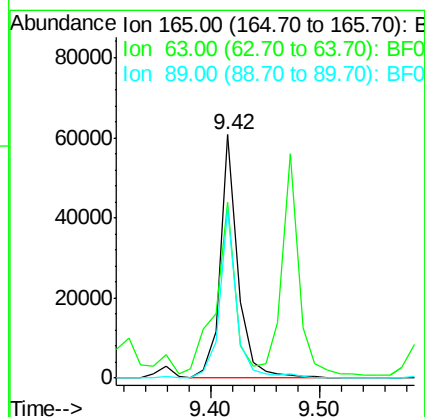
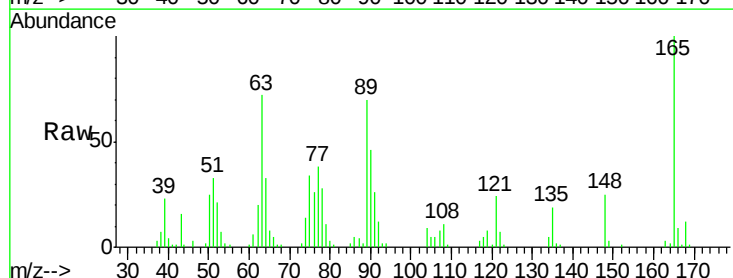
Instrument :
BNA_F
ClientSampleId :
PB92344BS

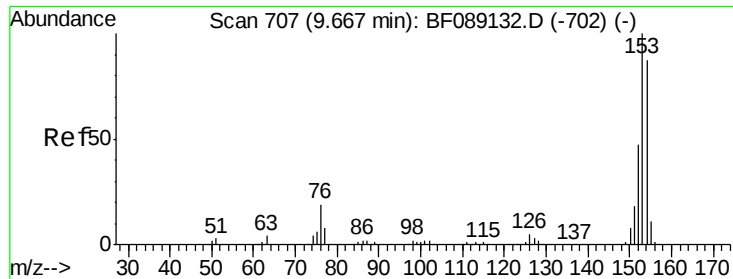
Tgt Ion:163 Resp: 321395
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.1 7.6 11.4



#50
2,6-Dinitrotoluene
Concen: 43.16 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion:165 Resp: 69551
Ion Ratio Lower Upper
165 100
63 72.1 37.0 55.4#
89 69.6 40.9 61.3#





#51

Acenaphthene

Concen: 39.43 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

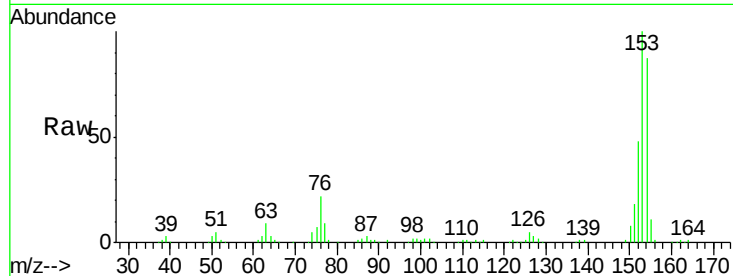
Tgt Ion:154 Resp: 233452

Ion Ratio Lower Upper

154 100

153 114.4 91.9 137.9

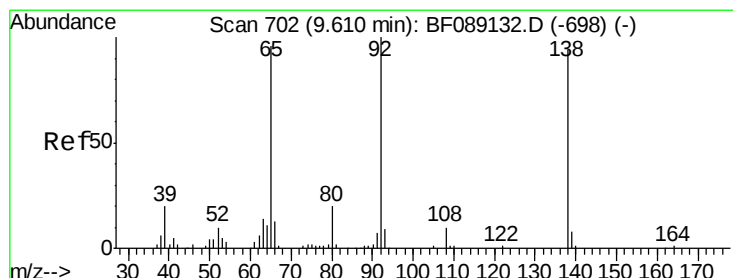
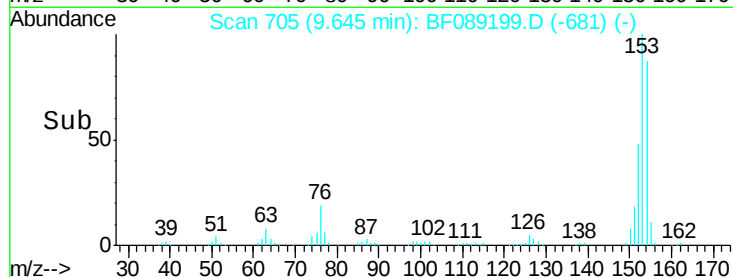
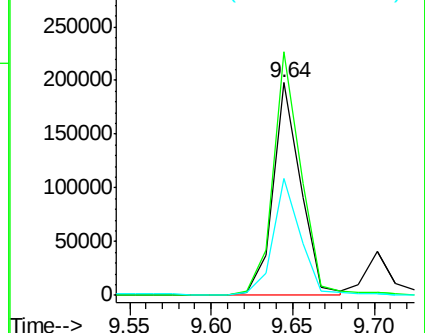
152 54.9 42.8 64.2



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: 27.74 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

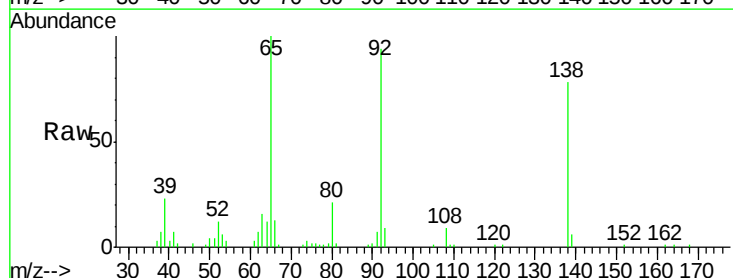
Tgt Ion:138 Resp: 53096

Ion Ratio Lower Upper

138 100

108 11.7 8.8 13.2

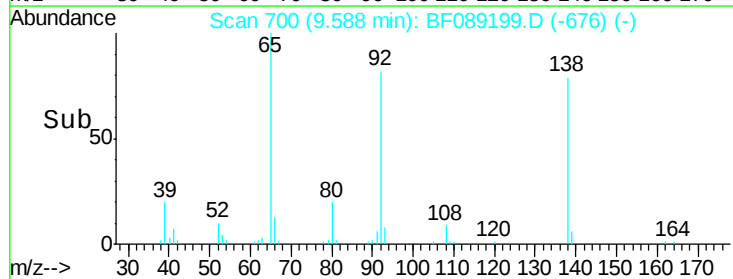
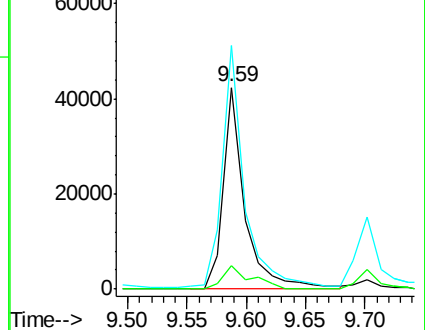
92 120.7 85.3 127.9

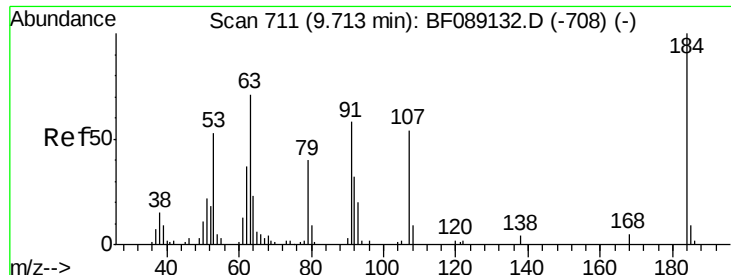


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

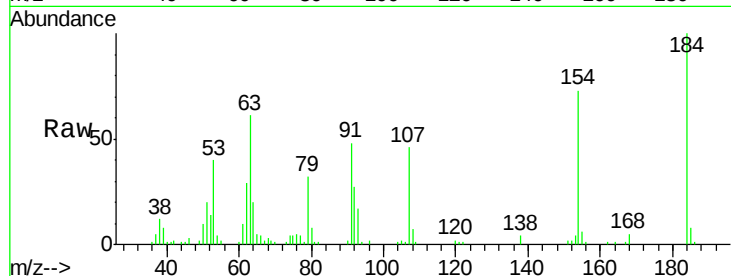




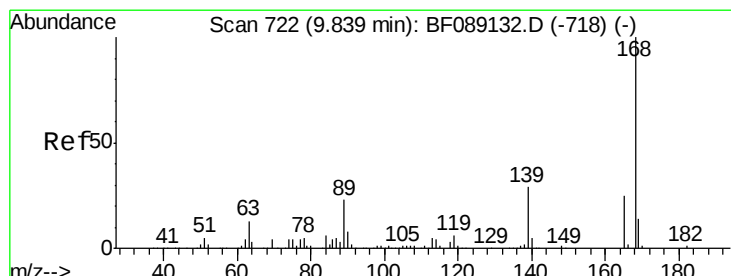
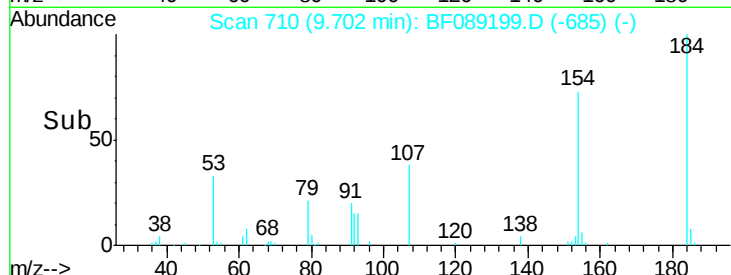
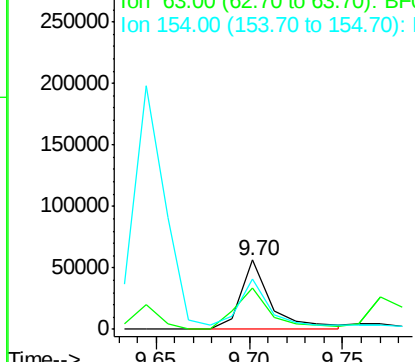
#53
2,4-Dinitrophenol
Concen: 79.59 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB92344BS

Tgt Ion:184 Resp: 65379
Ion Ratio Lower Upper
184 100
63 60.6 60.3 90.5
154 73.2 60.7 91.1

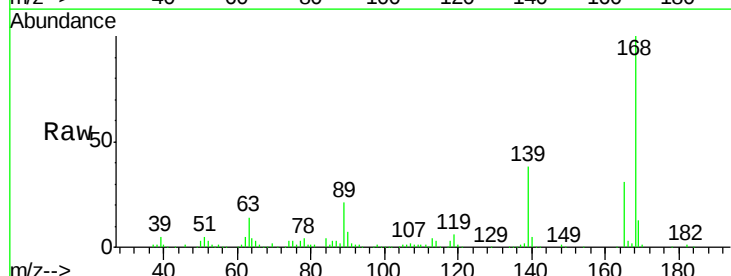


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

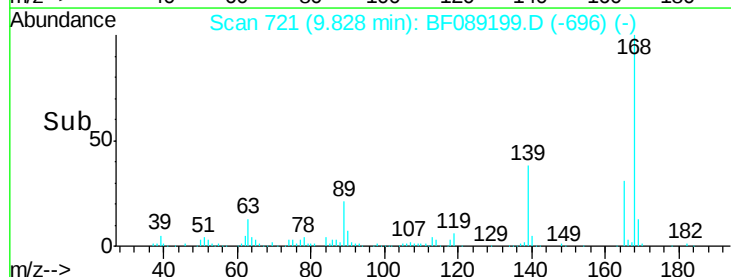
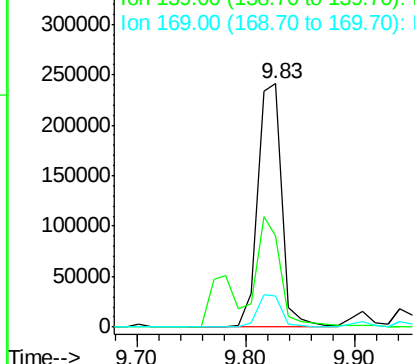


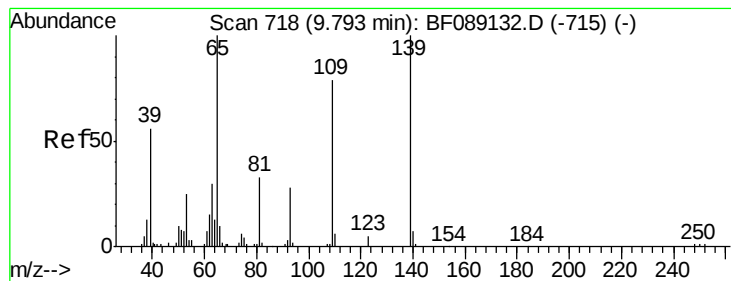
#54
Dibenzofuran
Concen: 46.85 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion:168 Resp: 374800
Ion Ratio Lower Upper
168 100
139 37.7 34.4 51.6
169 12.5 10.8 16.2



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: 69.46 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

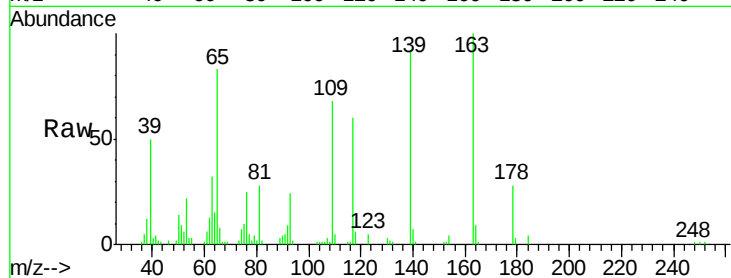
Tgt Ion:139 Resp: 80436

Ion Ratio Lower Upper

139 100

109 74.2 58.7 98.7

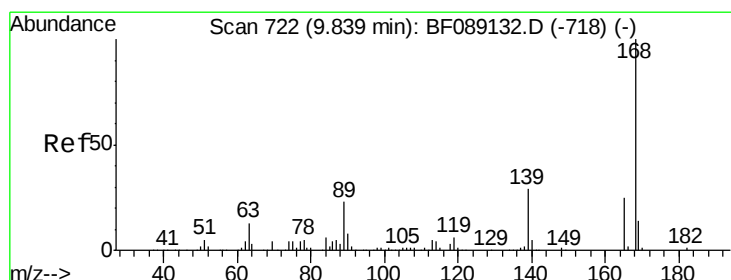
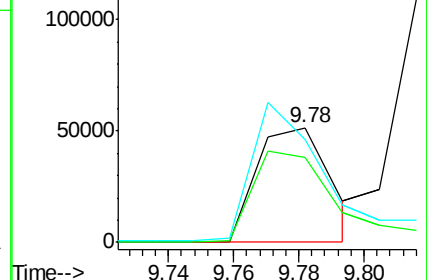
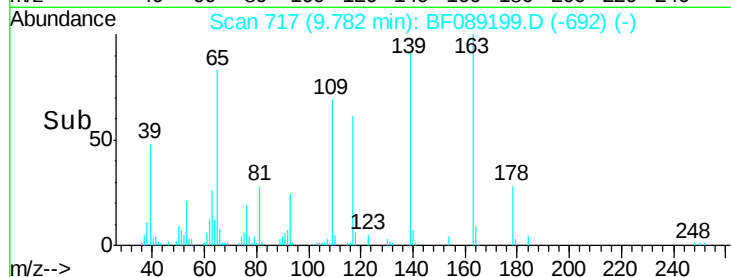
65 90.2 80.2 120.2



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: 47.05 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Tgt Ion:165 Resp: 97670

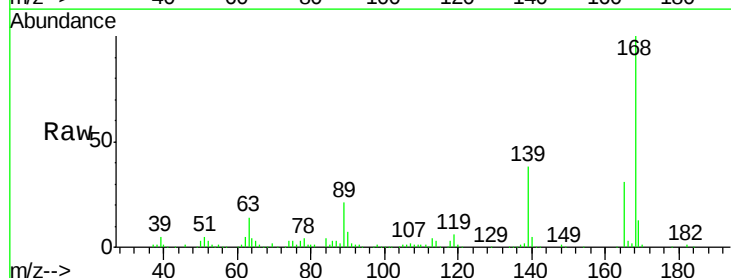
Ion Ratio Lower Upper

165 100

63 44.5 55.4 83.2#

89 67.6 74.3 111.5#

182 2.7 2.0 3.0

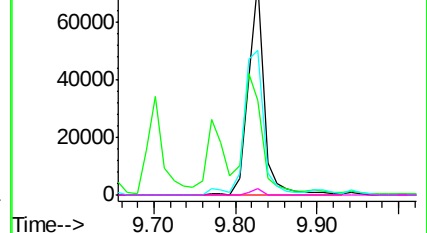
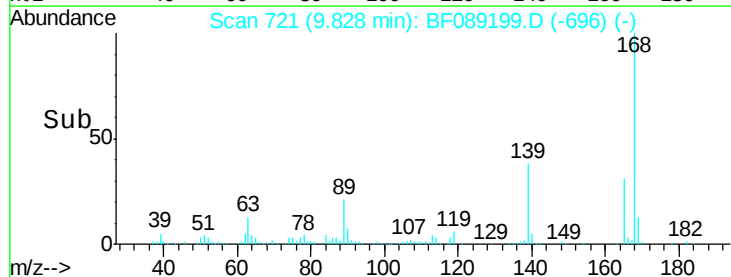


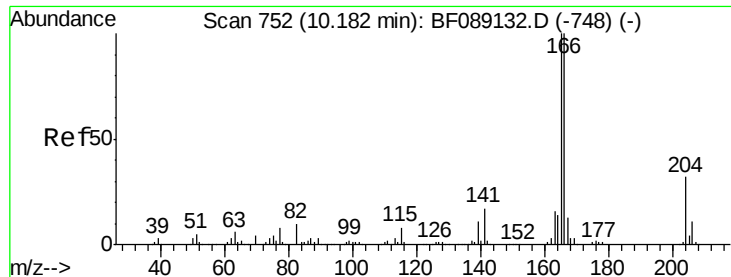
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.52 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

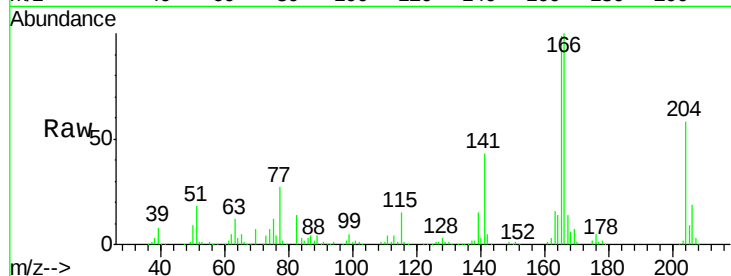
Tgt Ion:166 Resp: 281948

Ion Ratio Lower Upper

166 100

165 99.3 79.9 119.9

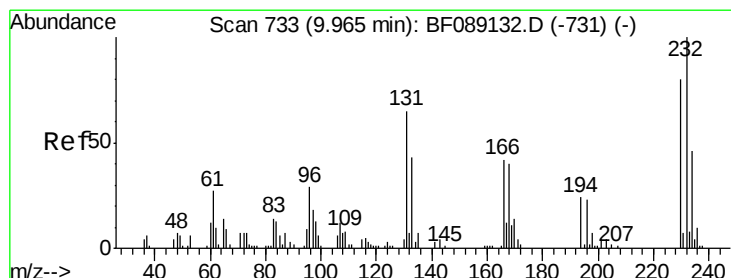
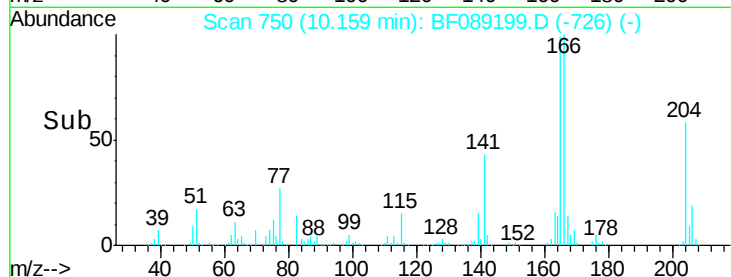
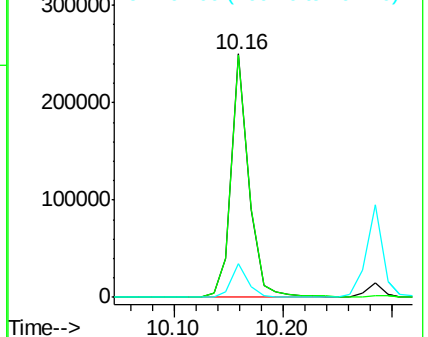
167 13.8 10.7 16.1



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: 51.01 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Tgt Ion:232 Resp: 71162

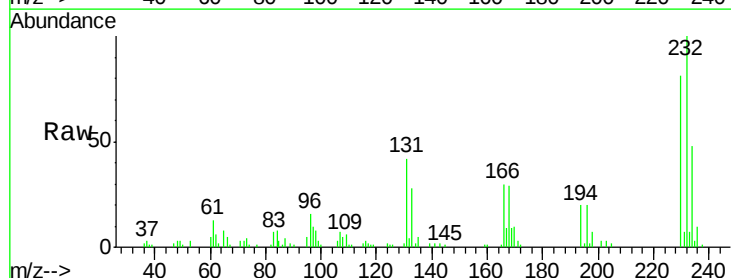
Ion Ratio Lower Upper

232 100

131 57.0 46.2 69.2

130 2.5 2.3 3.5

166 33.9 29.5 44.3

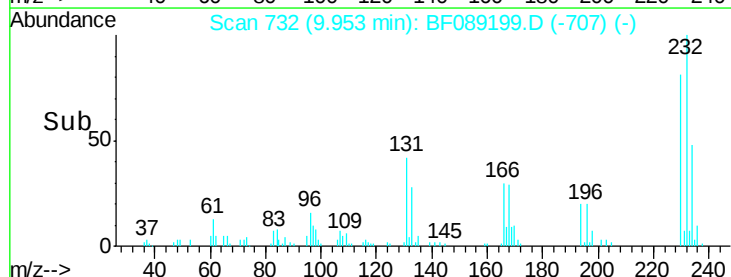
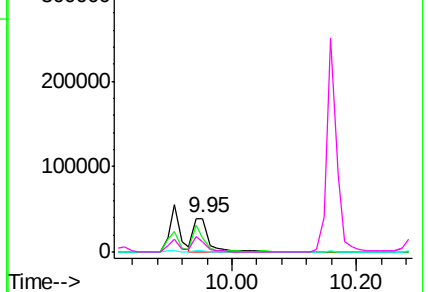


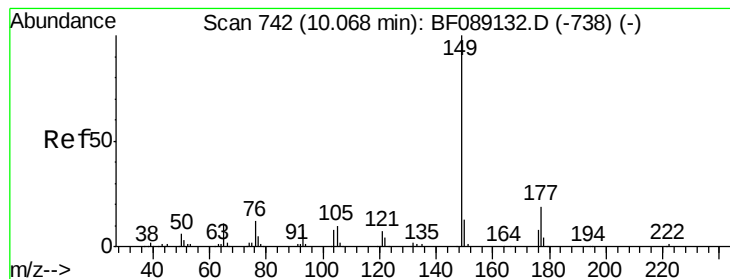
Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.13 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

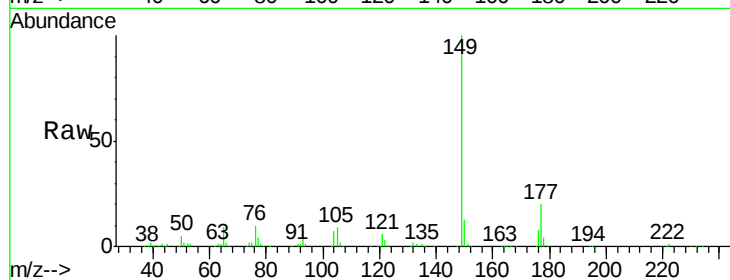
Tgt Ion:149 Resp: 347762

Ion Ratio Lower Upper

149 100

177 20.3 15.6 23.4

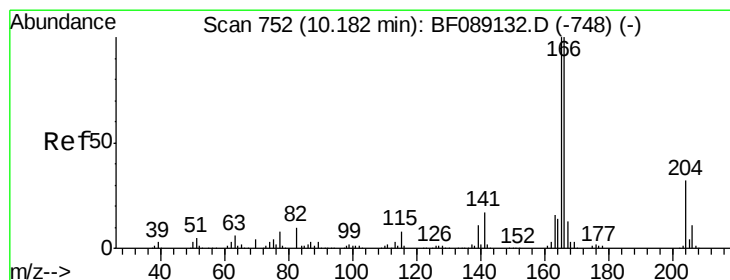
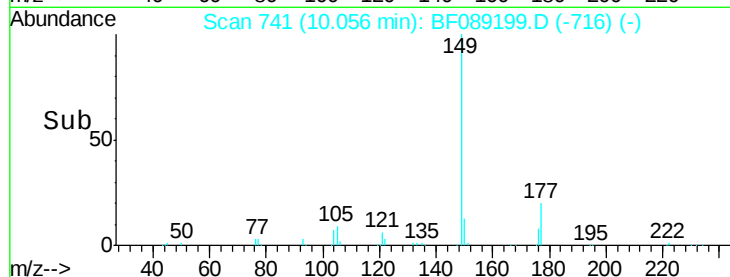
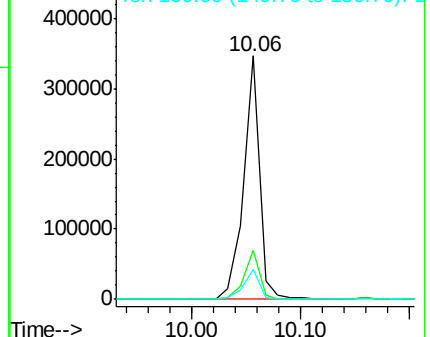
150 12.5 10.1 15.1



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: 44.59 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

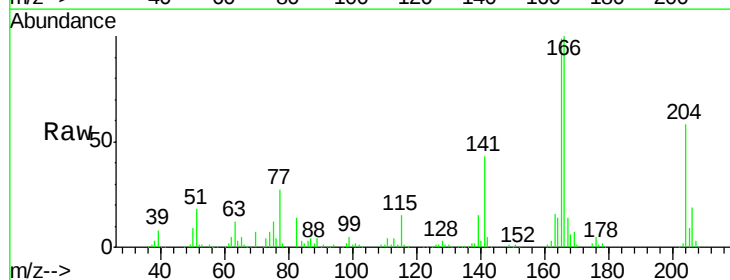
Tgt Ion:204 Resp: 138228

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.4

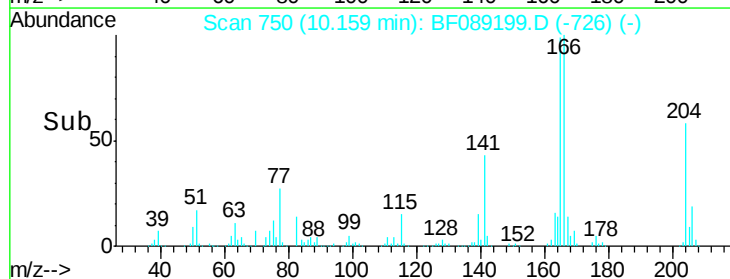
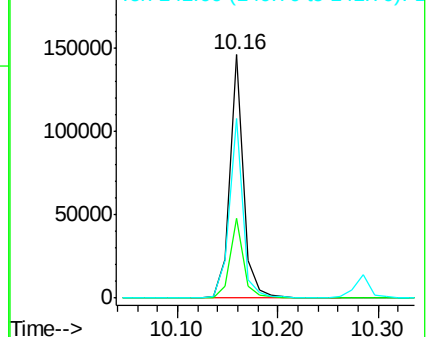
141 73.7 42.2 63.4#

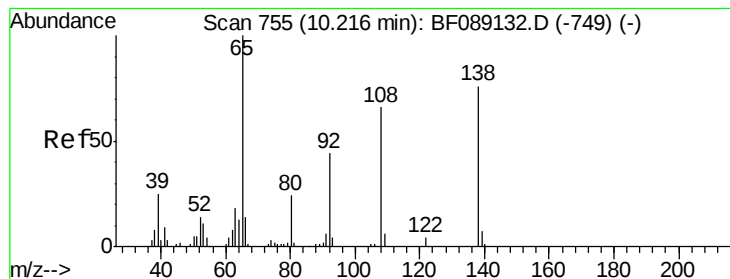


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.20 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

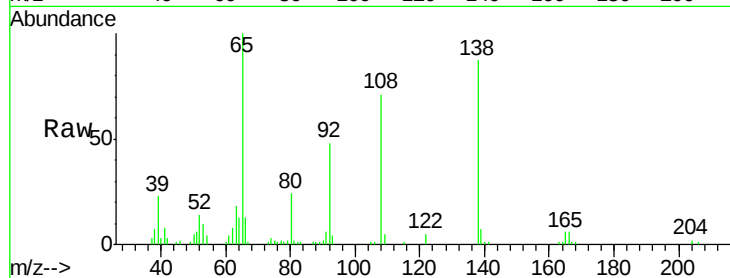
Tgt Ion:138 Resp: 78582

Ion Ratio Lower Upper

138 100

92 54.9 37.2 77.2

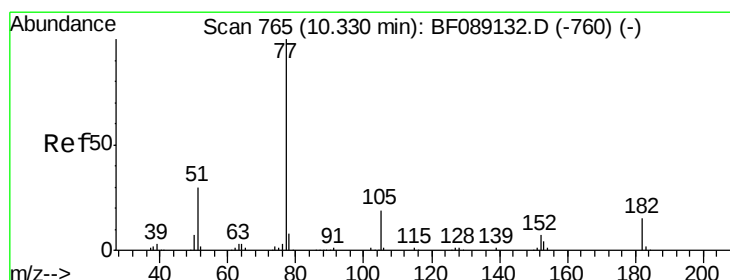
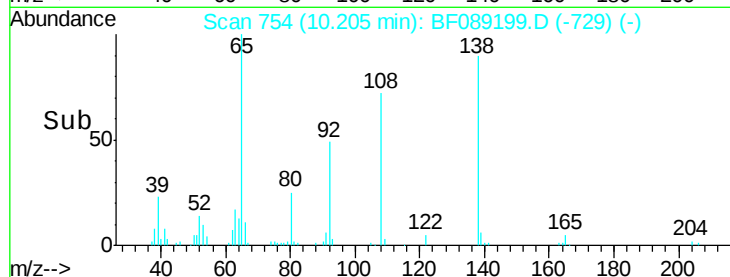
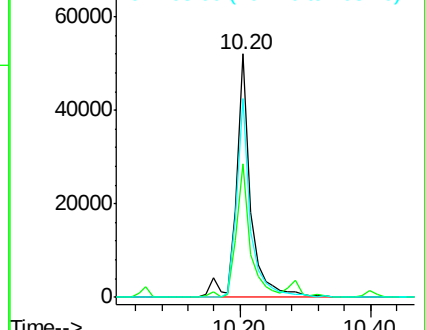
108 81.5 66.1 106.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.74 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Tgt Ion: 77 Resp: 382623

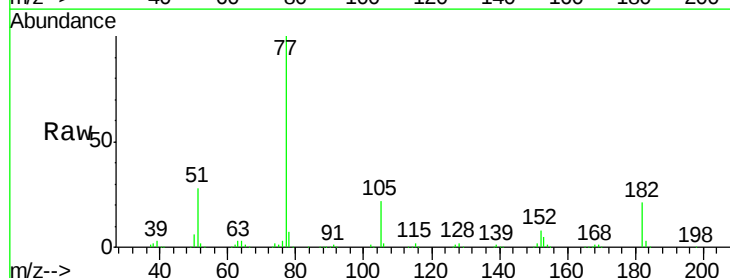
Ion Ratio Lower Upper

77 100

182 21.3 0.0 35.0

105 21.8 0.0 39.4

51 28.2 10.7 50.7

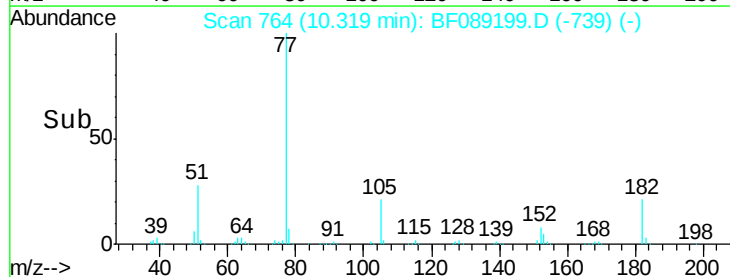
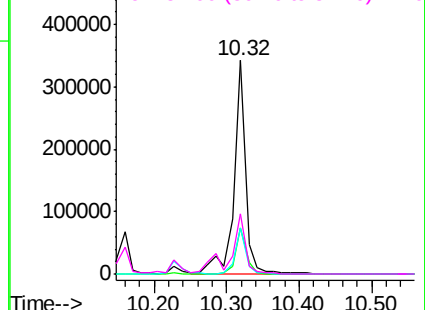


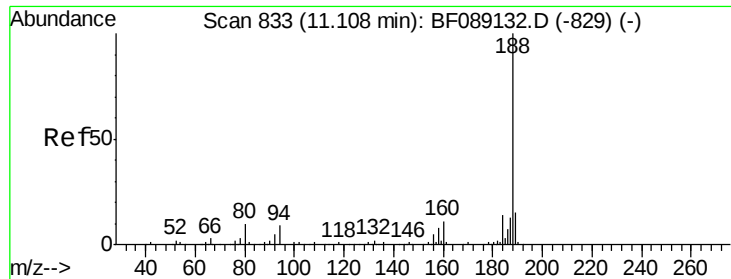
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

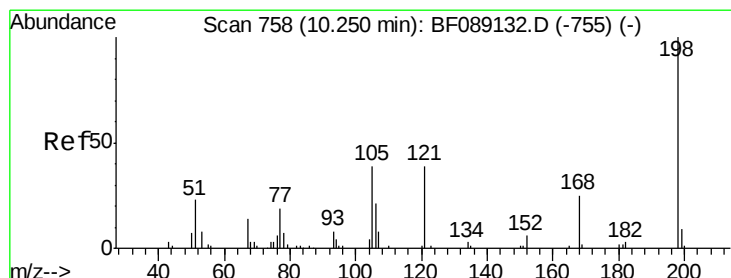
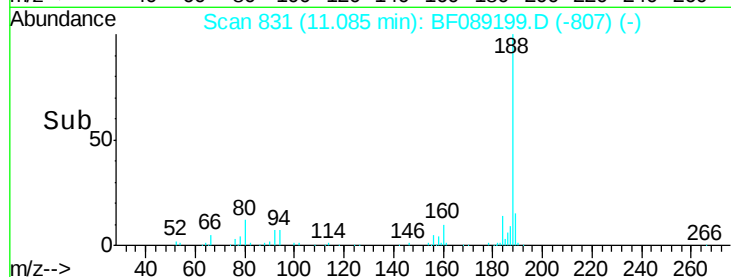
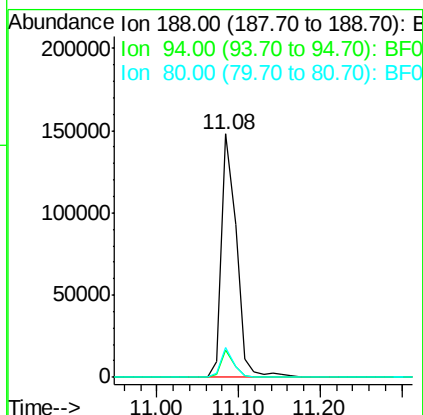
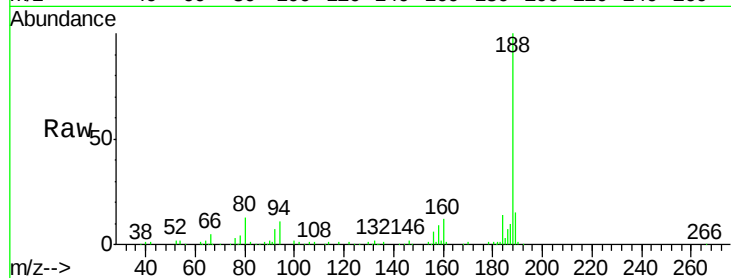




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

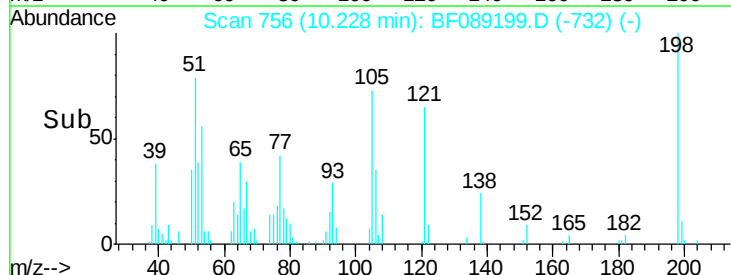
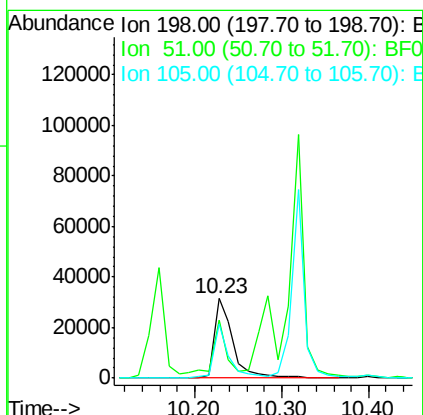
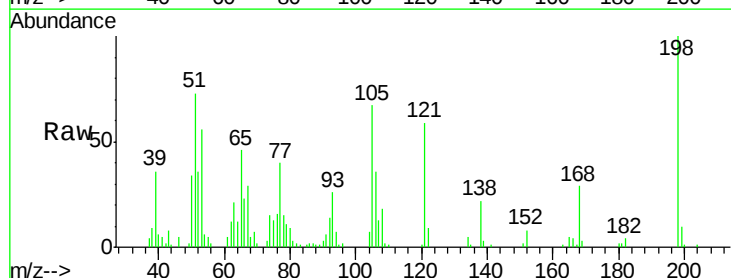
Instrument :
BNA_F
ClientSampleId :
PB92344BS

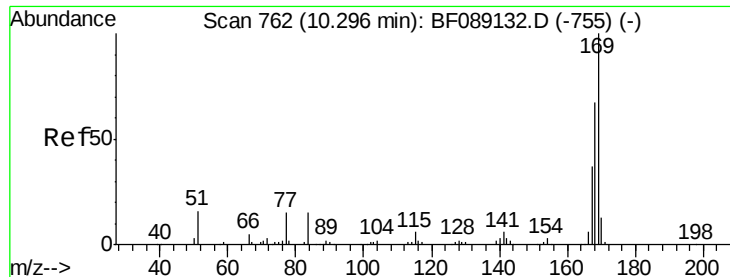
Tgt Ion:188 Resp: 187862
Ion Ratio Lower Upper
188 100
94 11.5 7.0 10.4#
80 12.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.05 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion:198 Resp: 47085
Ion Ratio Lower Upper
198 100
51 72.9 11.7 51.7#
105 67.5 20.3 60.3#





#65

n-Nitrosodiphenylamine

Concen: 44.48 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

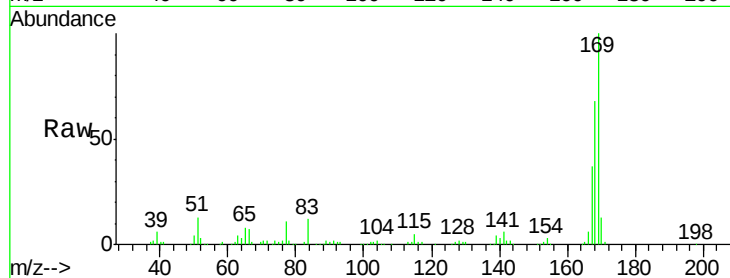
Tgt Ion:169 Resp: 279270

Ion Ratio Lower Upper

169 100

168 68.0 53.4 80.0

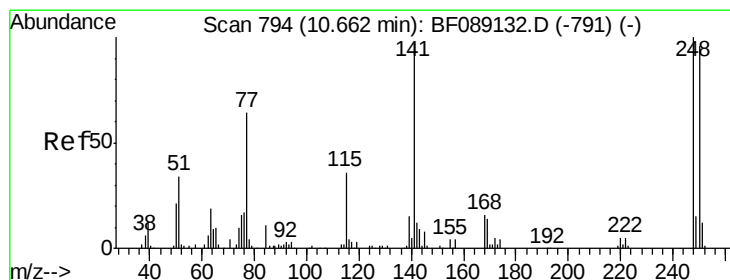
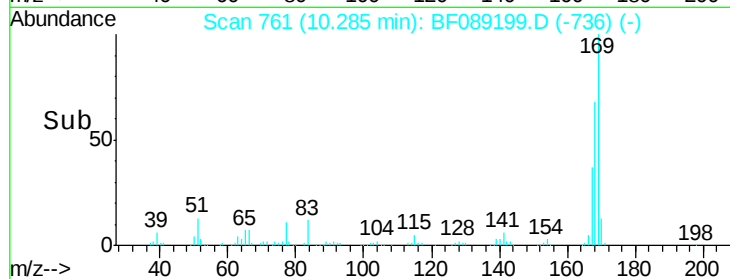
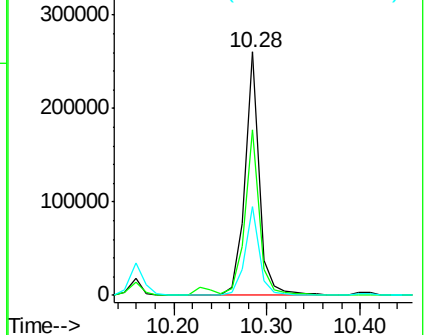
167 36.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.50 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

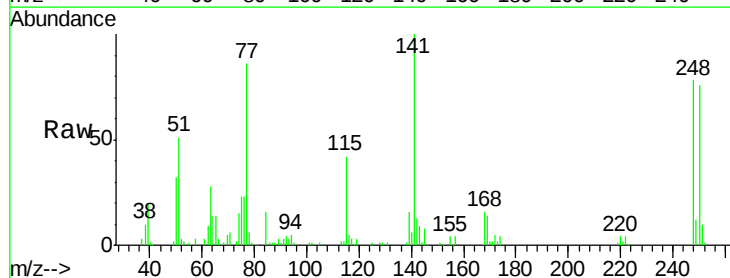
Tgt Ion:248 Resp: 80869

Ion Ratio Lower Upper

248 100

250 97.0 76.9 115.3

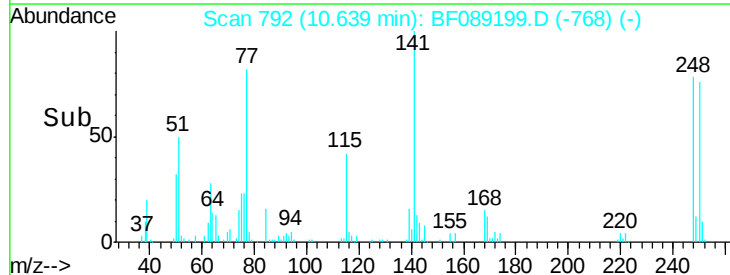
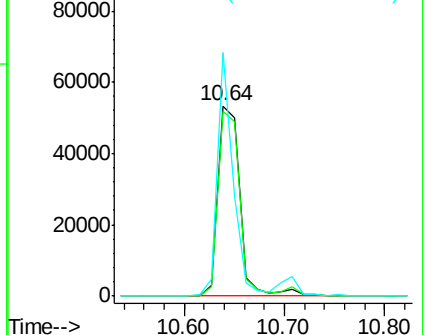
141 128.3 77.4 116.2#

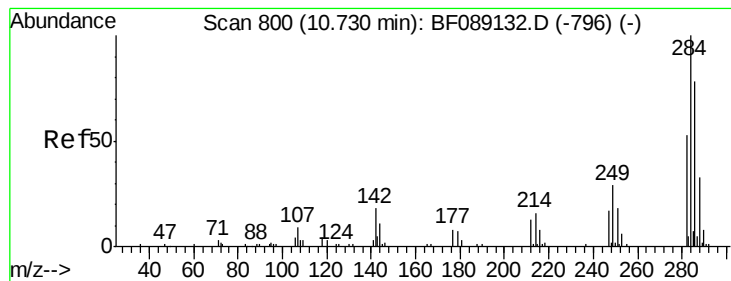


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.42 ng

RT: 10.71 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

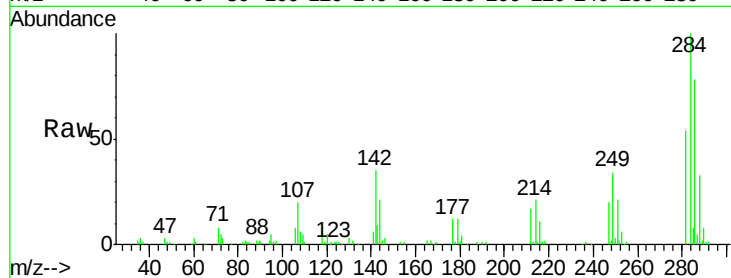
Tgt Ion:284 Resp: 84817

Ion Ratio Lower Upper

284 100

142 34.5 14.1 21.1#

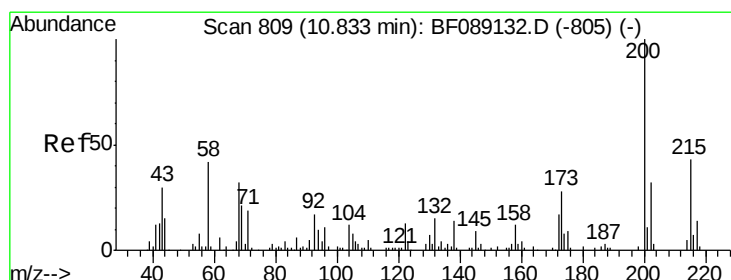
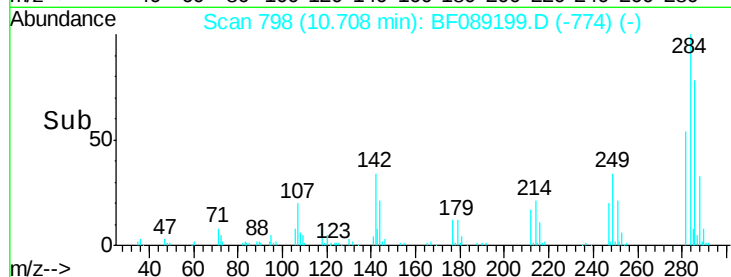
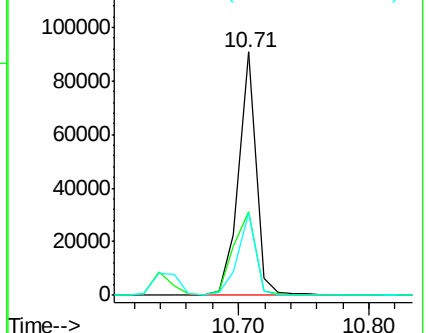
249 33.6 23.0 34.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.08 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

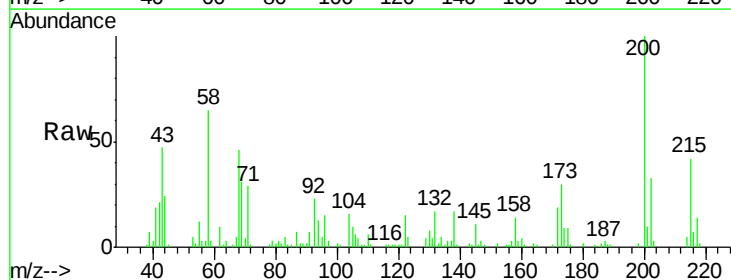
Tgt Ion:200 Resp: 80654

Ion Ratio Lower Upper

200 100

173 29.5 7.8 47.8

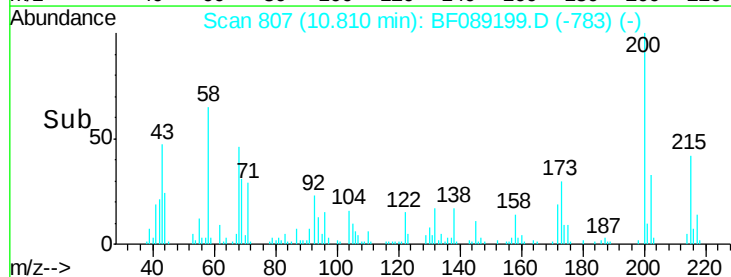
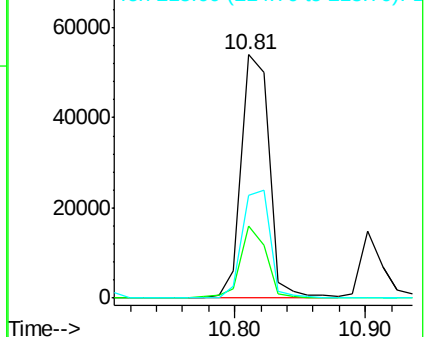
215 42.5 22.9 62.9

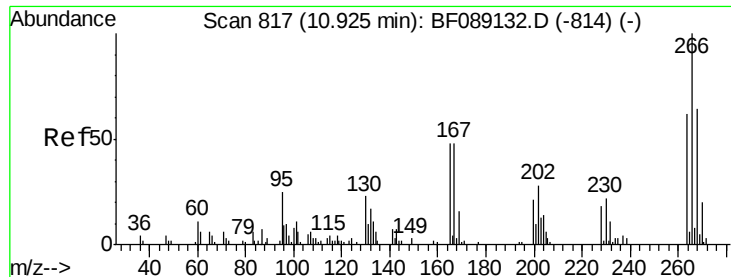


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

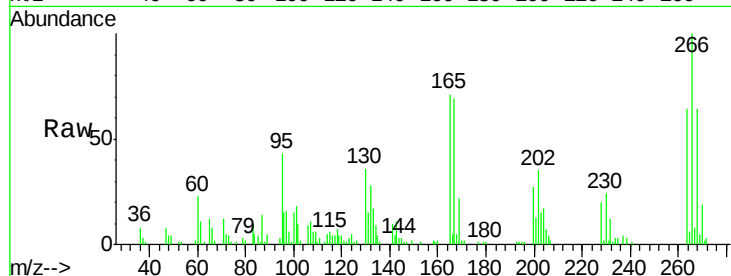




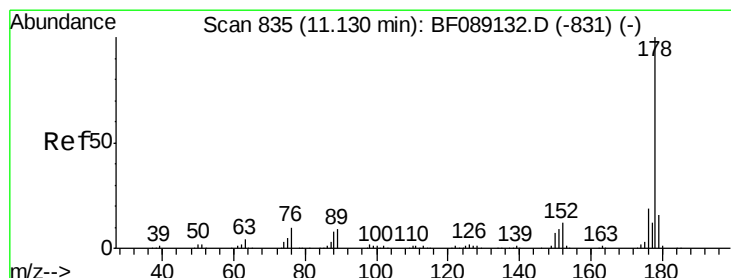
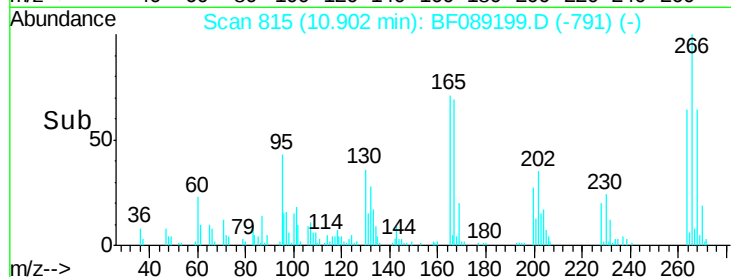
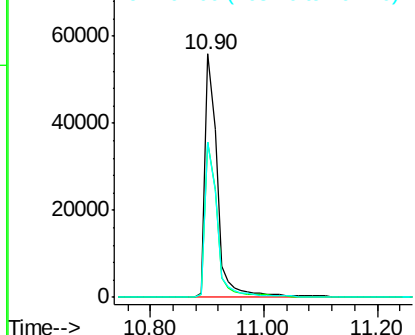
#69
 Pentachlorophenol
 Concen: 87.97 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB92344BS

Tgt Ion:266 Resp: 81152
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.2 76.8
 264 63.6 49.7 74.5

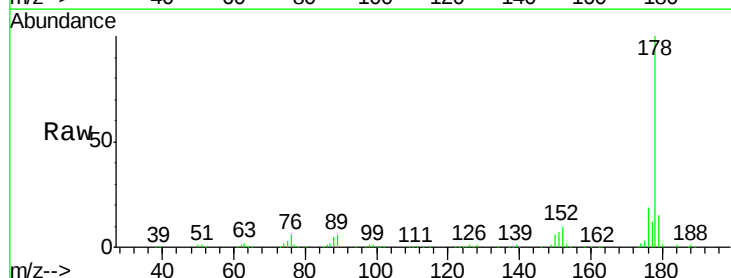


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

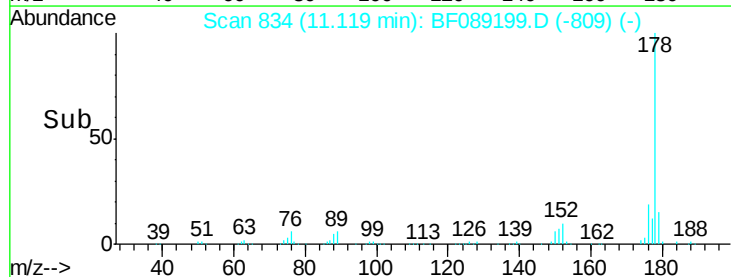
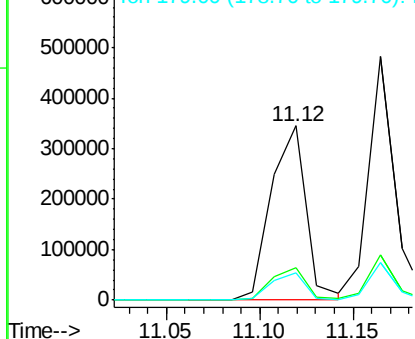


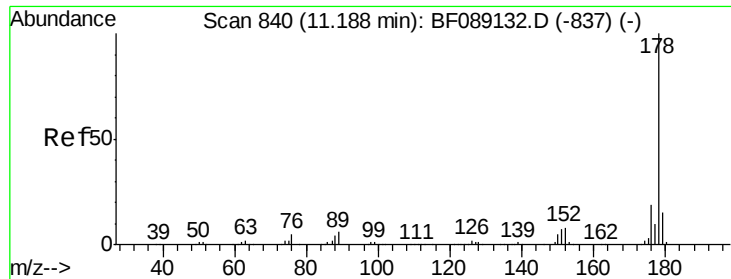
#70
 Phenanthrene
 Concen: 43.45 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion:178 Resp: 447749
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.4 12.4 18.6



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

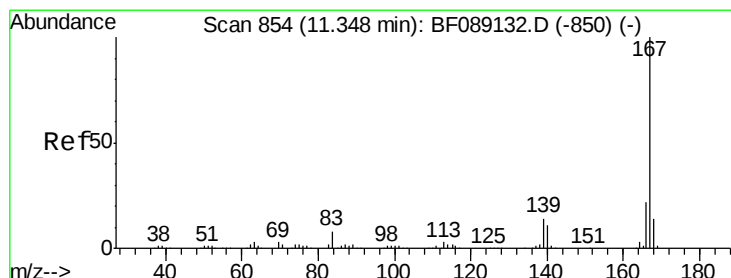
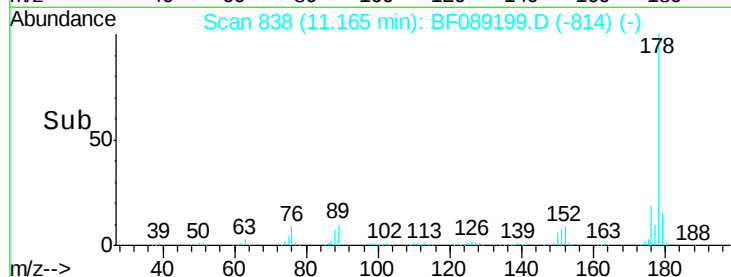
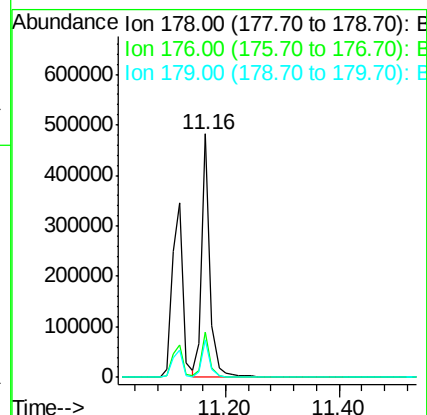
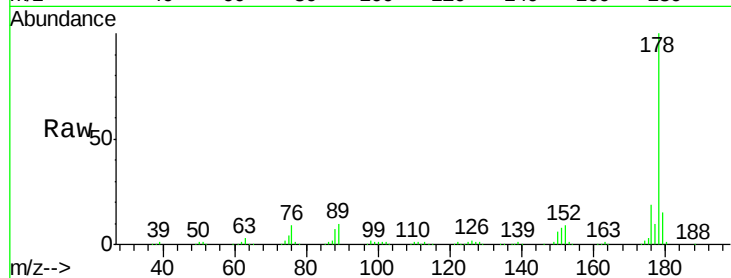




#71
 Anthracene
 Concen: 45.15 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

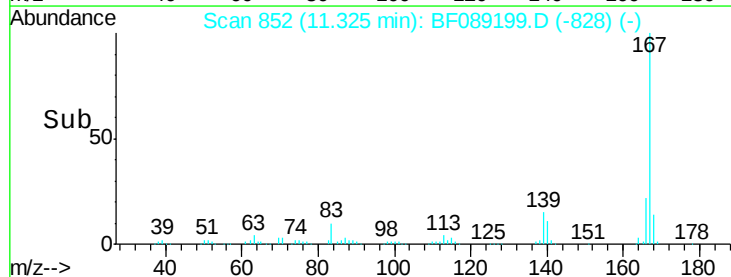
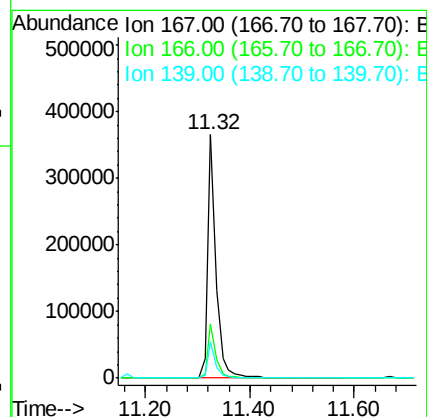
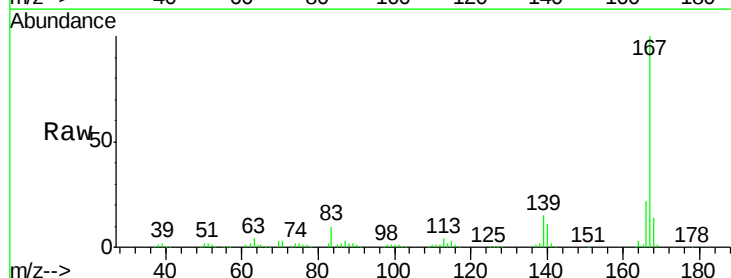
Instrument :
 BNA_F
 ClientSampleId :
 PB92344BS

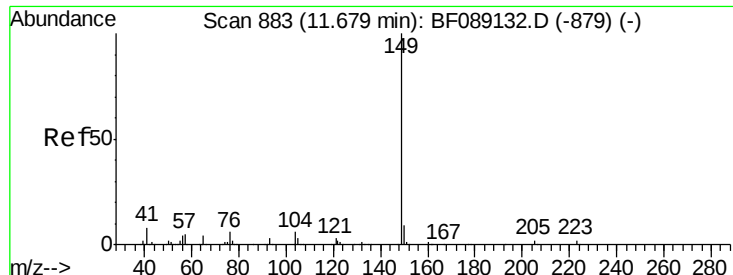
Tgt Ion:178 Resp: 483602
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.9 22.3
 179 15.4 12.0 18.0



#72
 Carbazole
 Concen: 43.53 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion:167 Resp: 409552
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.7 26.5
 139 14.7 11.0 16.4





#73

Di-n-butylphthalate

Concen: 47.89 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

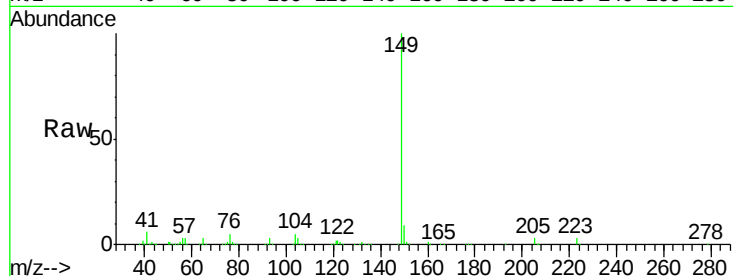
Tgt Ion:149 Resp: 557322

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

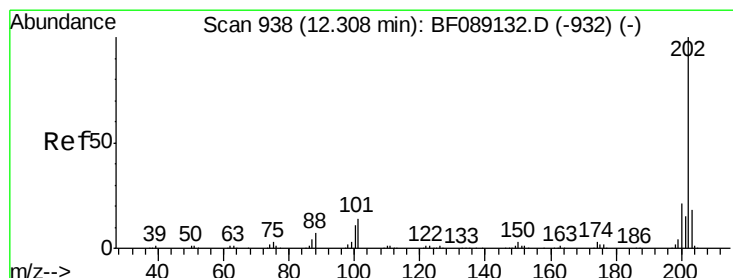
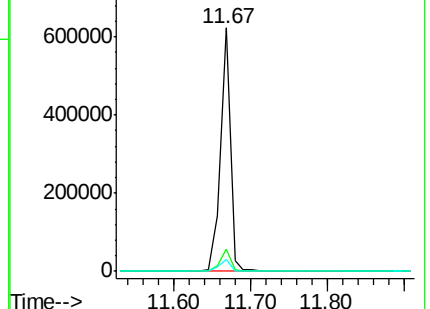
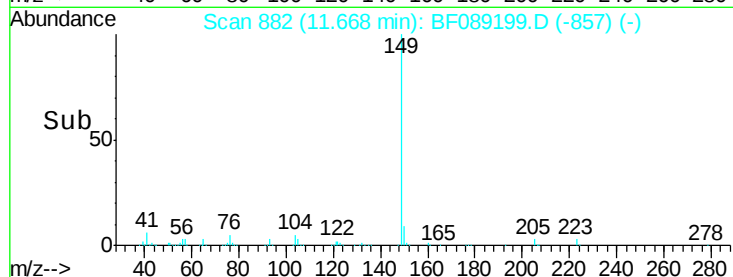
104 5.2 4.6 6.8



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: 43.92 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

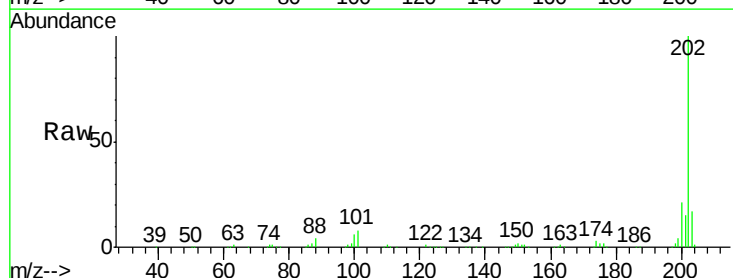
Tgt Ion:202 Resp: 475746

Ion Ratio Lower Upper

202 100

101 7.9 0.0 34.0

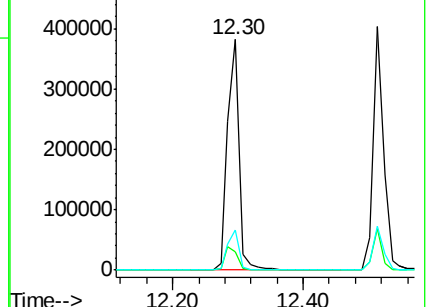
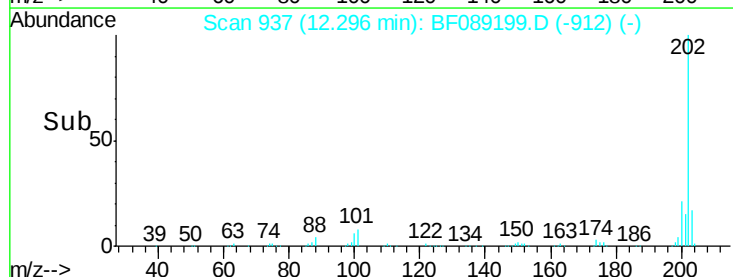
203 17.2 0.0 37.8

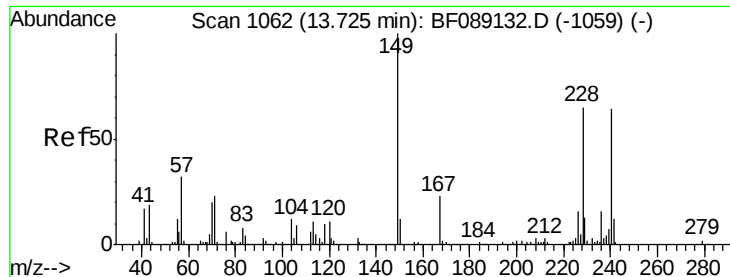


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

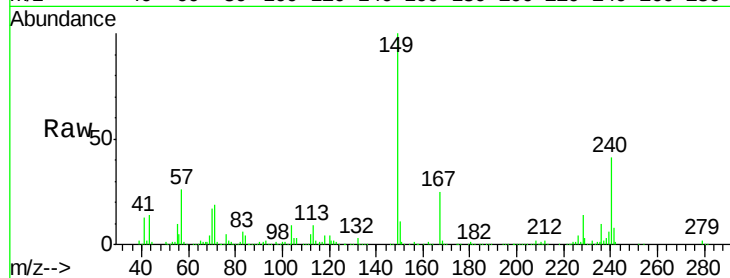
Tgt Ion:240 Resp: 134420

Ion Ratio Lower Upper

240 100

120 10.6 13.6 20.4#

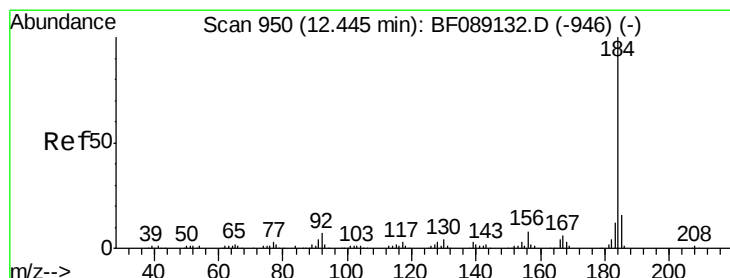
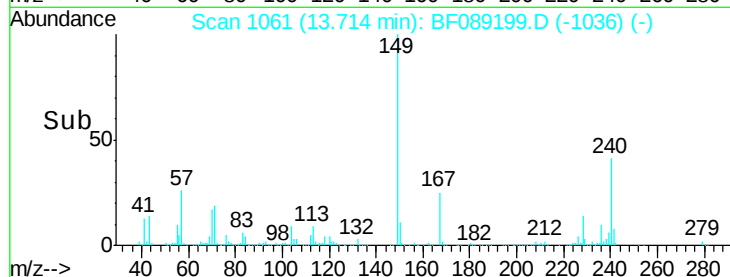
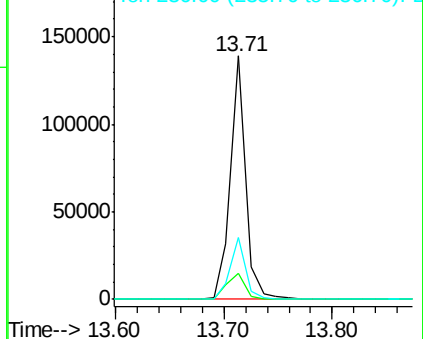
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.07 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

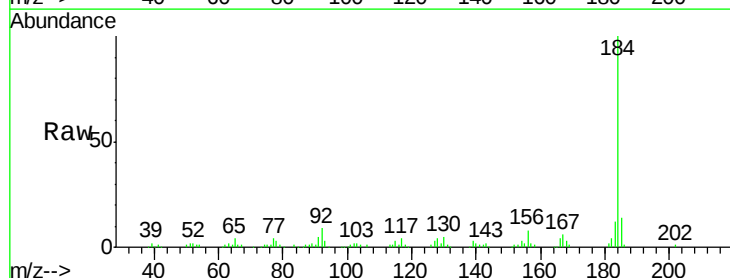
Tgt Ion:184 Resp: 166670

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

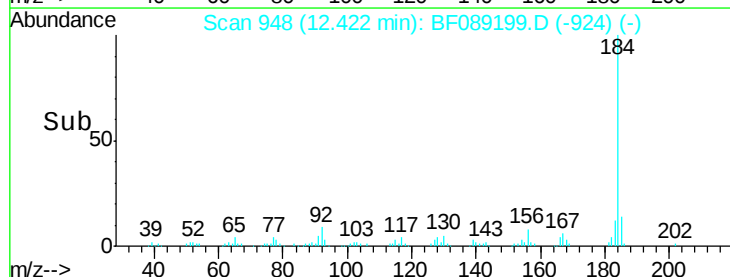
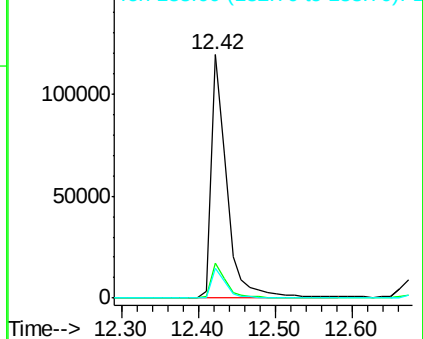
183 12.5 9.6 14.4

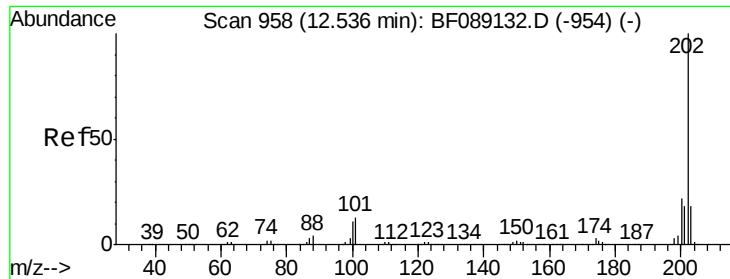


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

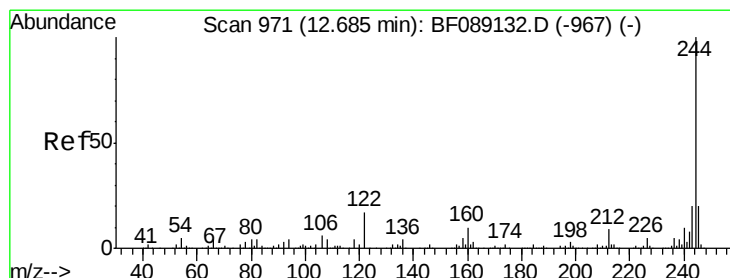
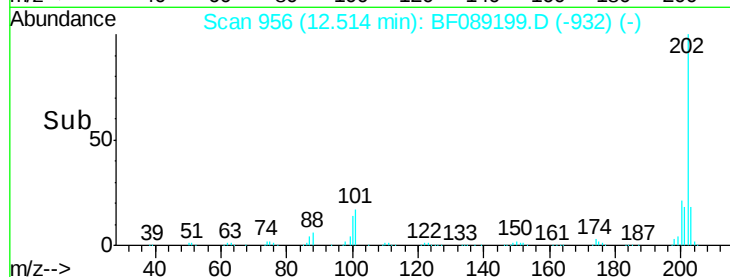
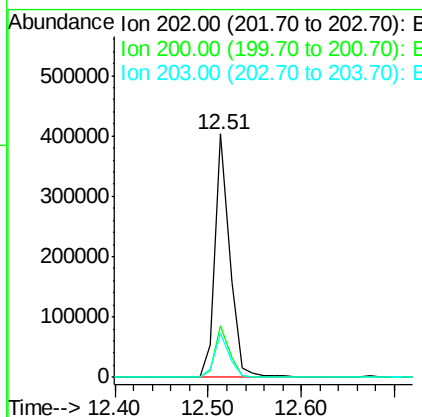
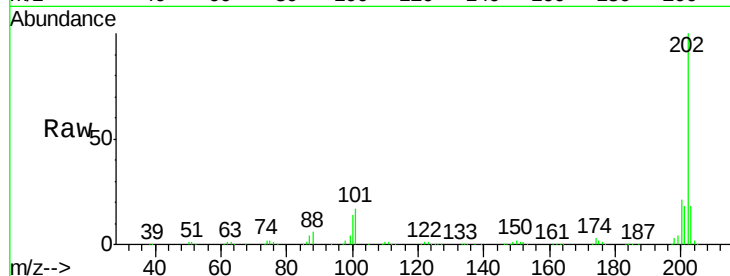




#77
 Pyrene
 Concen: 40.04 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

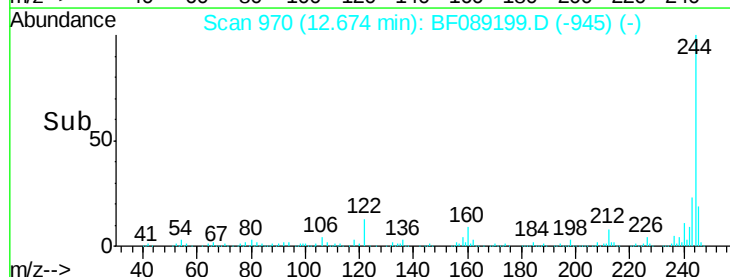
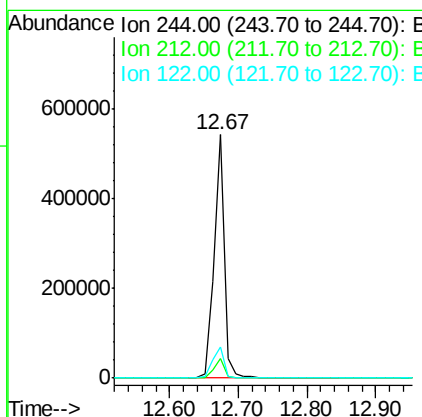
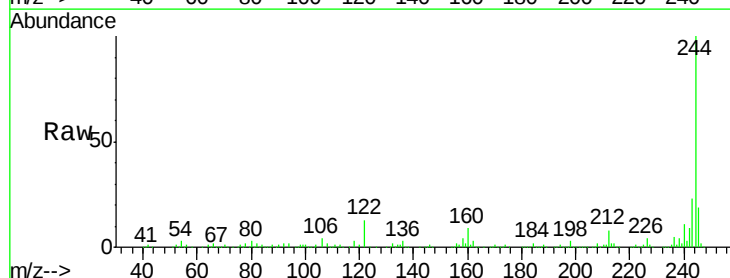
Instrument :
 BNA_F
 ClientSampleId :
 PB92344BS

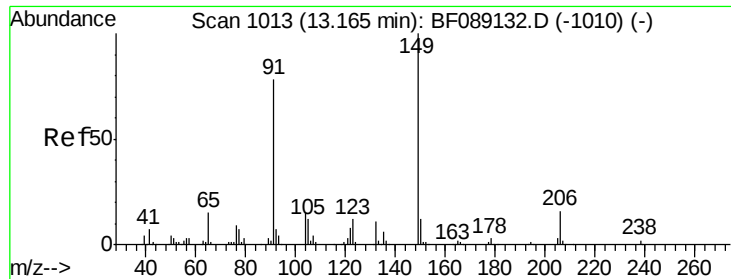
Tgt Ion: 202 Resp: 444450
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.0
 203 18.1 14.2 21.2



#78
 Terphenyl-d14
 Concen: 92.25 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion: 244 Resp: 571695
 Ion Ratio Lower Upper
 244 100
 212 7.8 7.0 10.4
 122 12.5 13.8 20.8#

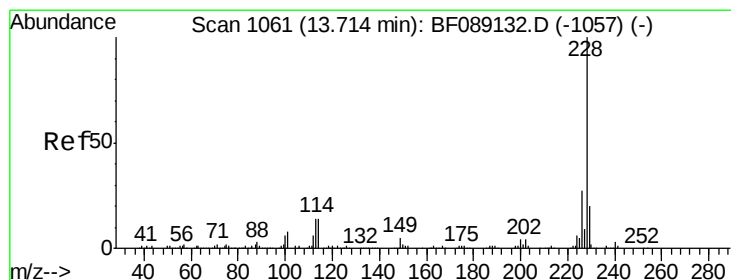
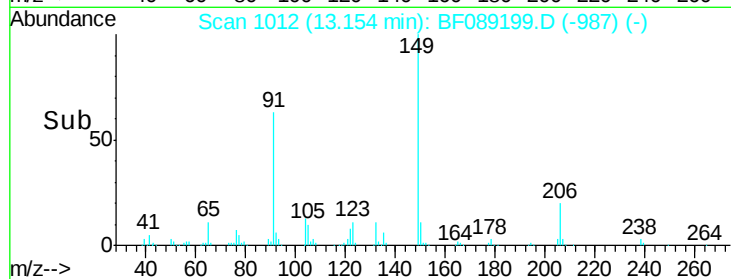
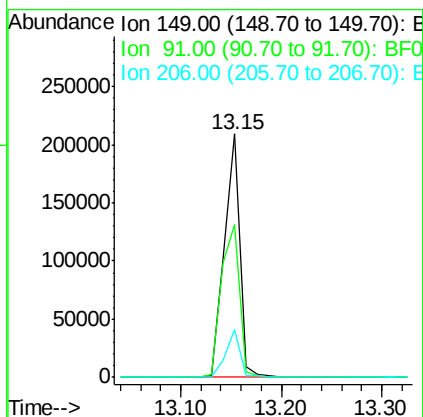
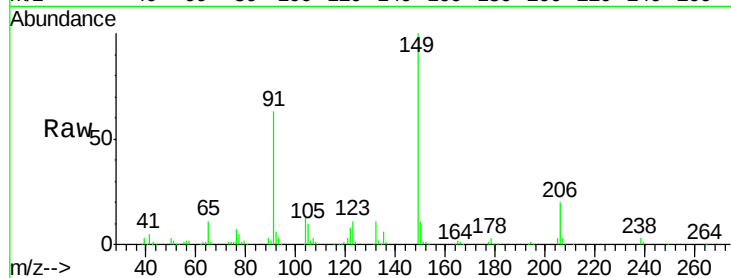




#79
Butylbenzylphthalate
Concen: 47.82 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

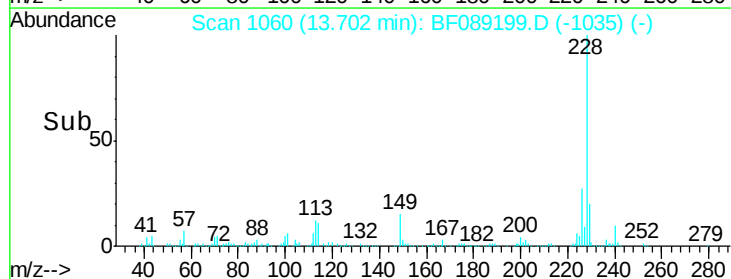
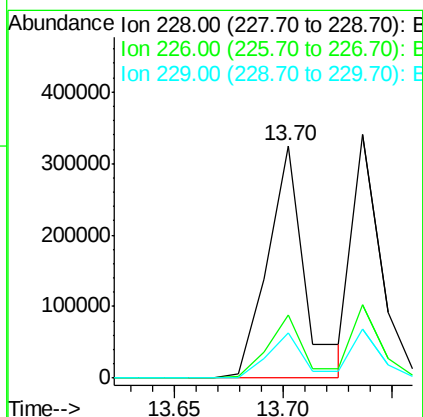
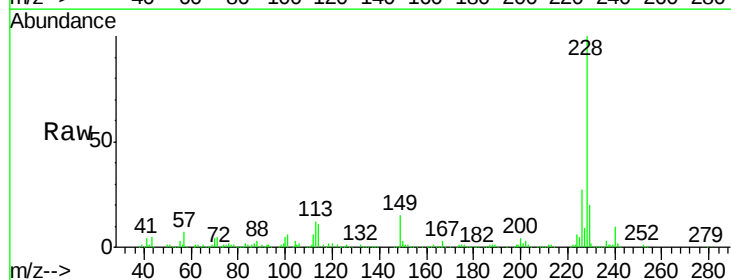
Instrument :
BNA_F
ClientSampleId :
PB92344BS

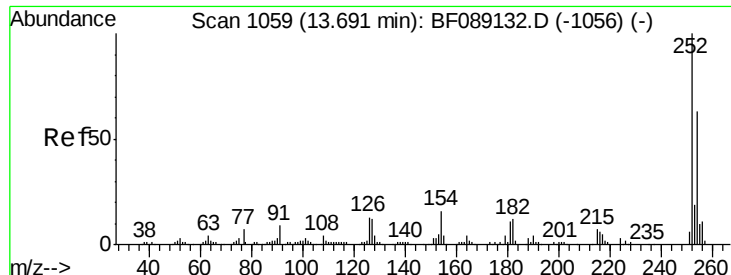
Tgt Ion:149 Resp: 224570
Ion Ratio Lower Upper
149 100
91 62.7 62.6 93.8
206 19.6 13.2 19.8



#80
Benzo(a)anthracene
Concen: 45.02 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion:228 Resp: 385451
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 15.8 23.8

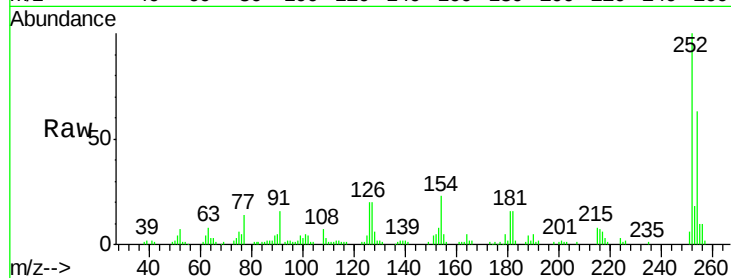




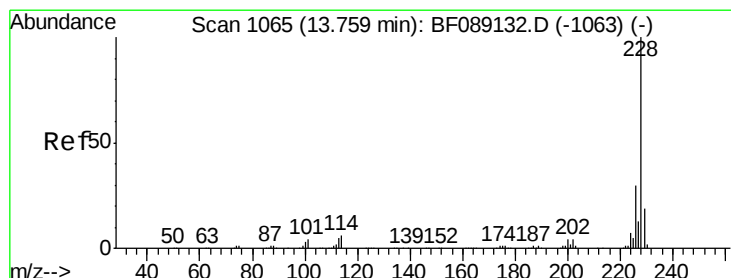
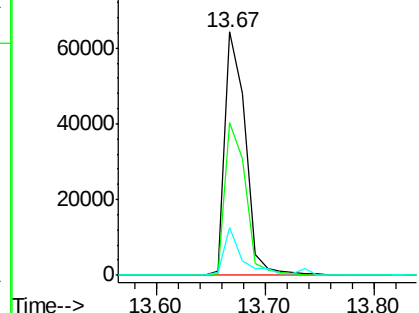
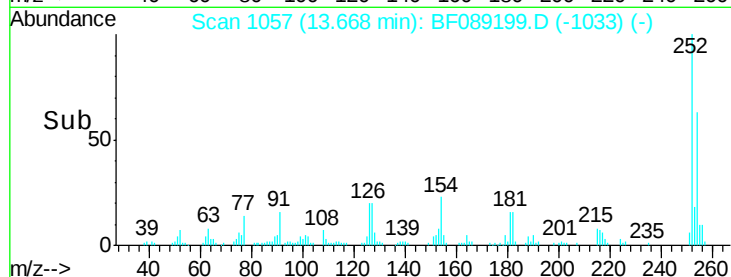
#81
 3,3'-Dichlorobenzidine
 Concen: 29.81 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB92344BS

Tgt Ion:252 Resp: 84666
 Ion Ratio Lower Upper
 252 100
 254 62.8 50.4 75.6
 126 19.5 10.2 15.2#

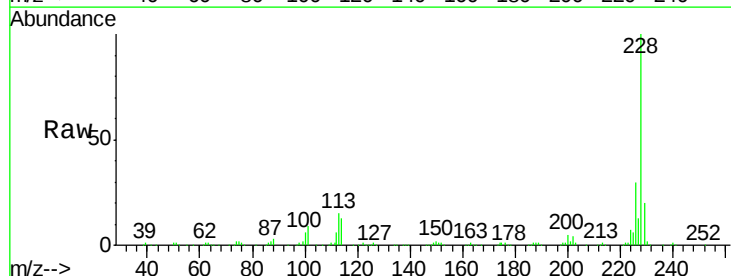


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

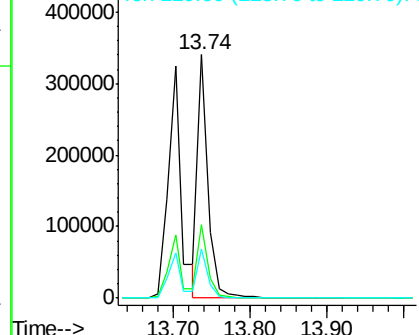
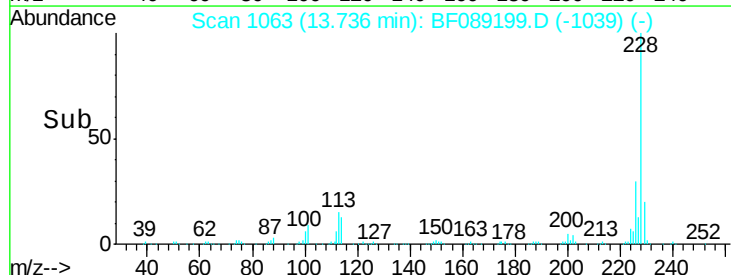


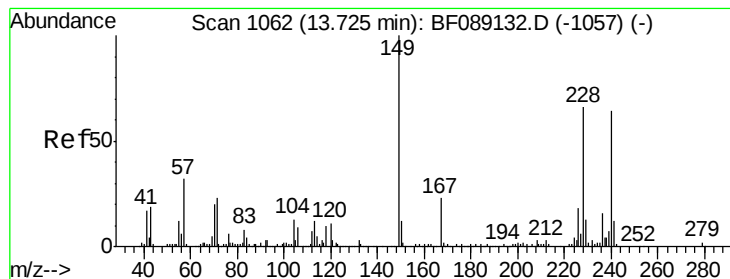
#82
 Chrysene
 Concen: 38.83 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion:228 Resp: 317543
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.8 35.8
 229 19.9 15.4 23.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.55 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

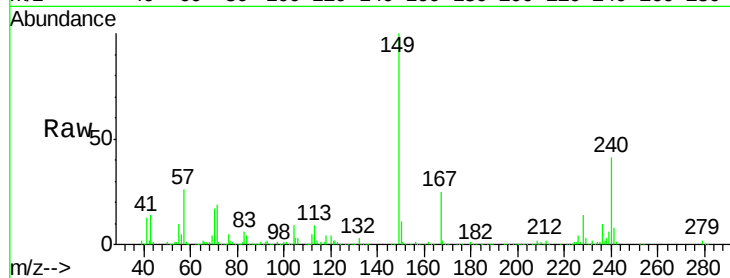
Tgt Ion:149 Resp: 296192

Ion Ratio Lower Upper

149 100

167 24.8 18.6 28.0

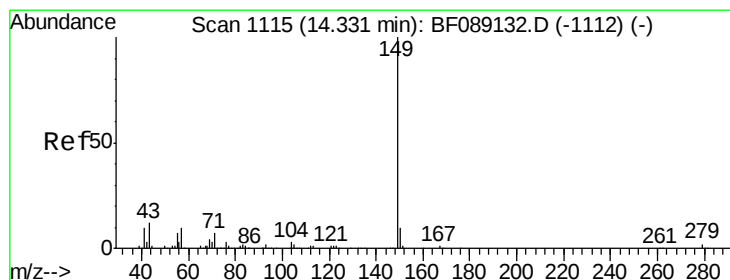
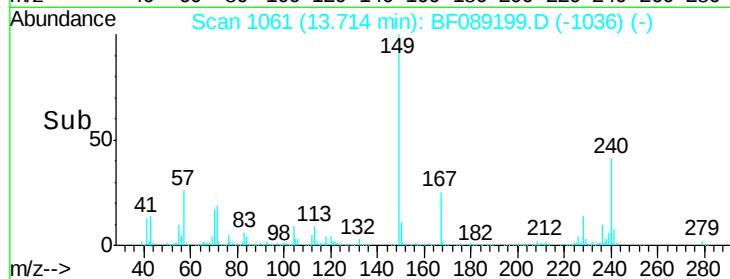
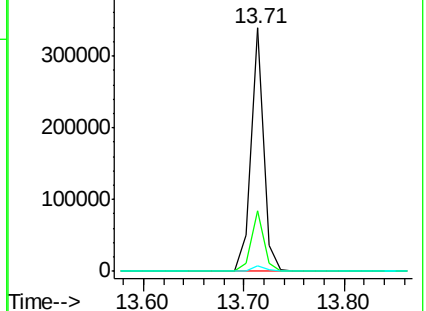
279 2.4 1.6 2.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.45 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

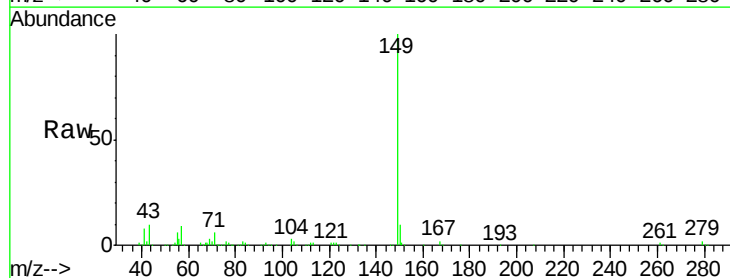
Tgt Ion:149 Resp: 446542

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

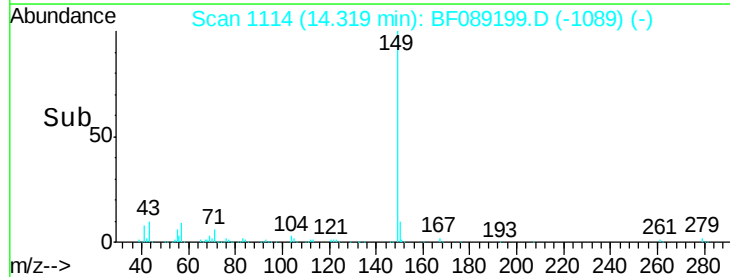
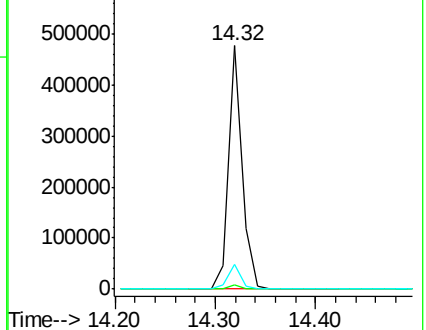
43 10.3 7.3 10.9

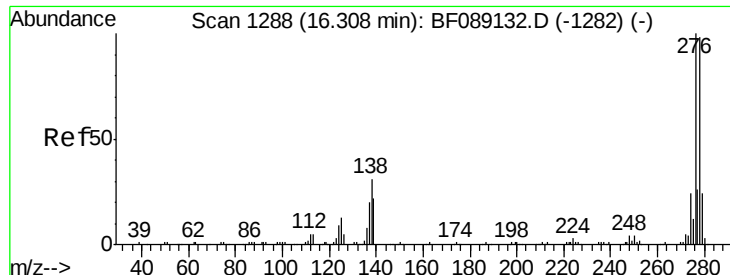


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

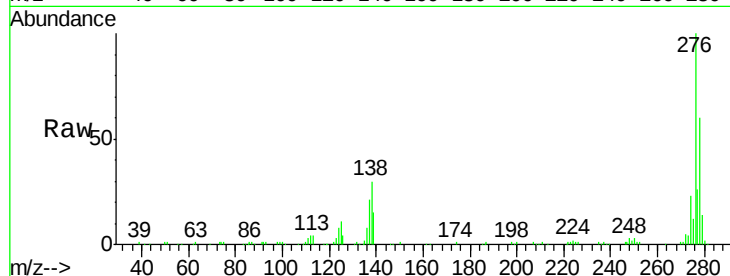




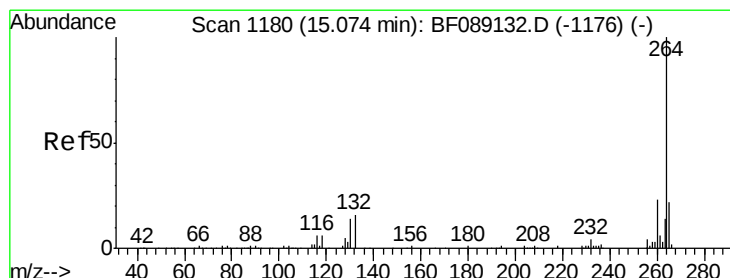
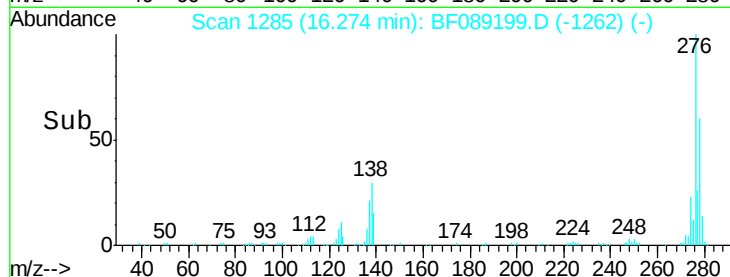
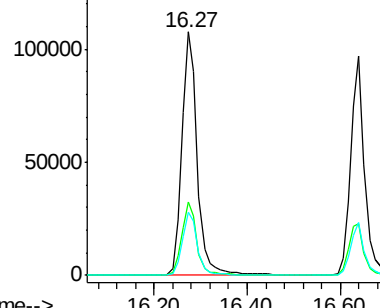
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.20 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Instrument :
 BNA_F
 ClientSampled :
 PB92344BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.7	35.5
277	25.5	20.6	31.0

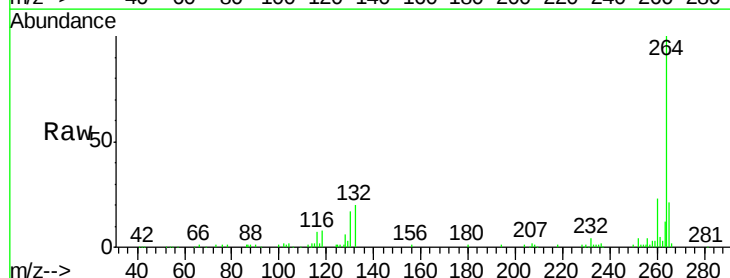


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

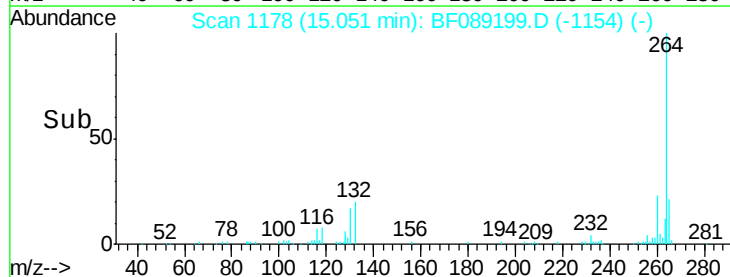
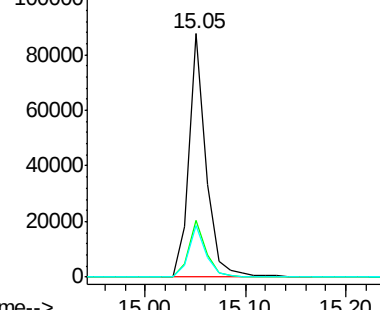


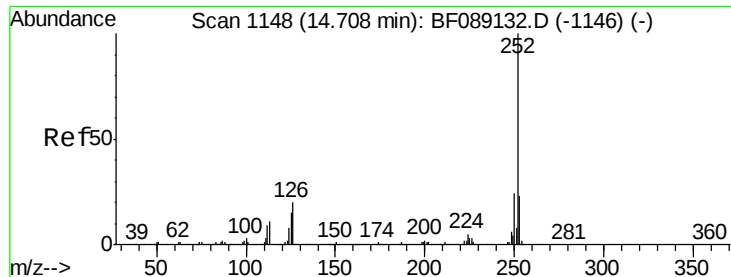
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089199.D
 Acq: 22 Jul 2016 17:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.0	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 76.83 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.01 min

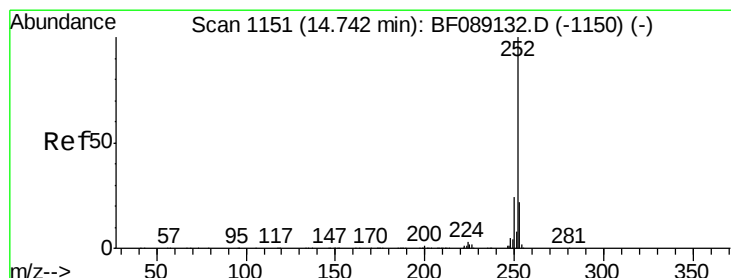
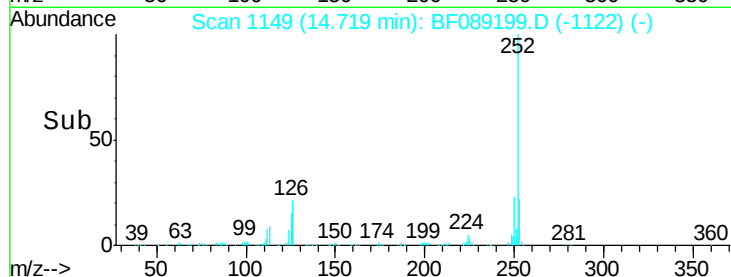
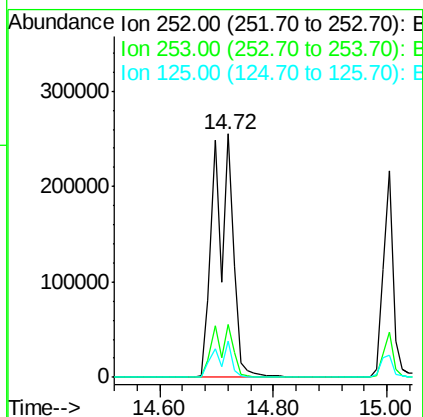
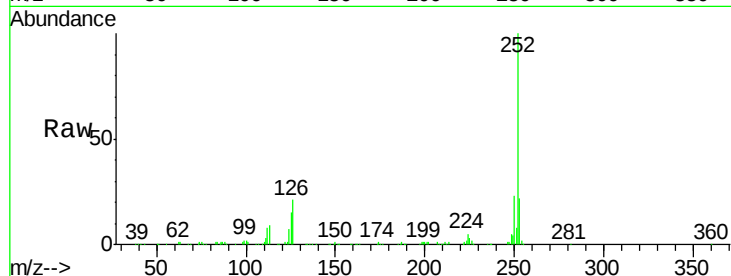
Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB92344BS

Tgt Ion: 252 Resp: 574858

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	14.7	11.9	17.9



#88

Benzo(k)fluoranthene

Concen: 107.44 ng

RT: 14.72 min Scan# 1149

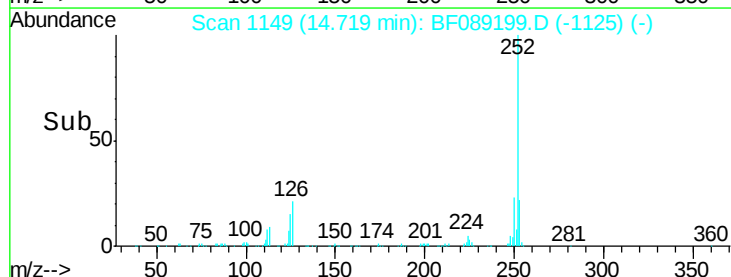
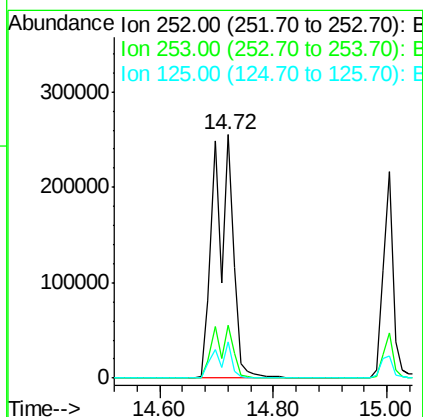
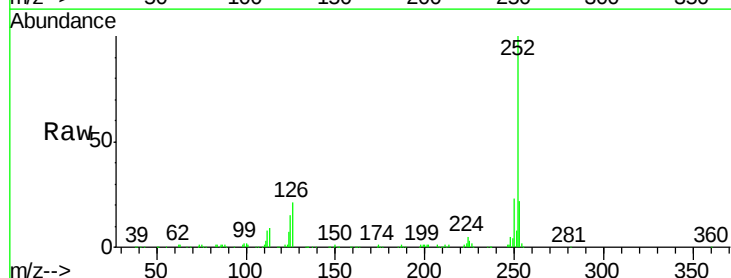
Delta R.T. -0.02 min

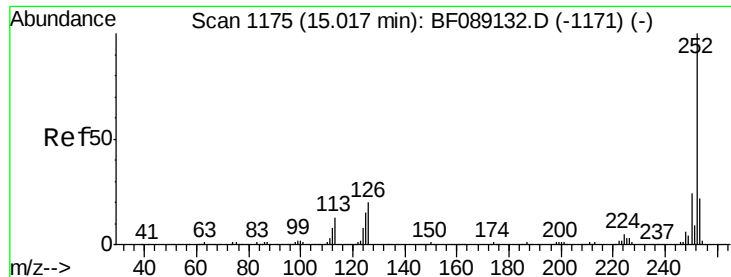
Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Tgt Ion: 252 Resp: 574858

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	14.7	6.3	9.5#

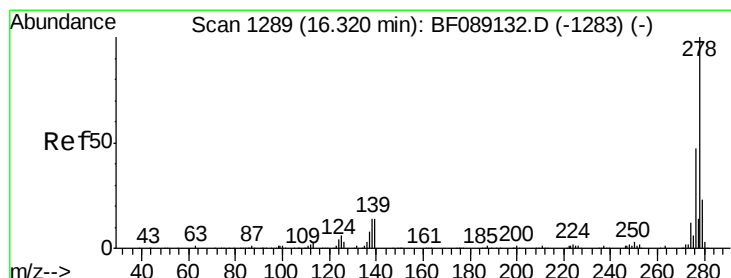
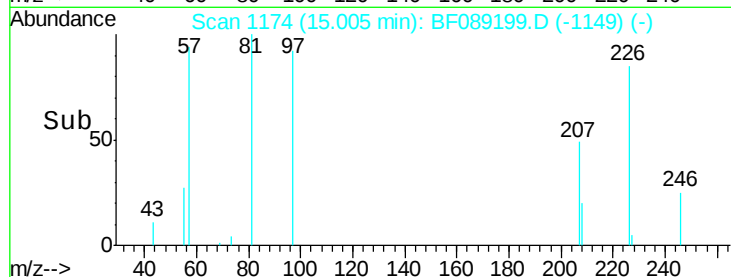
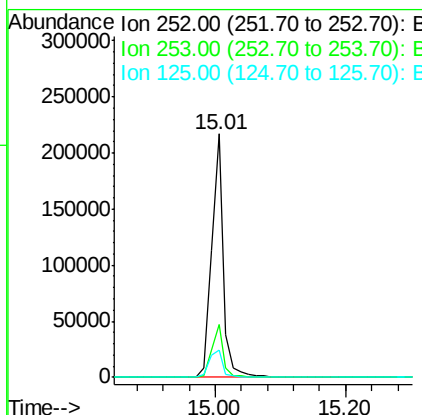
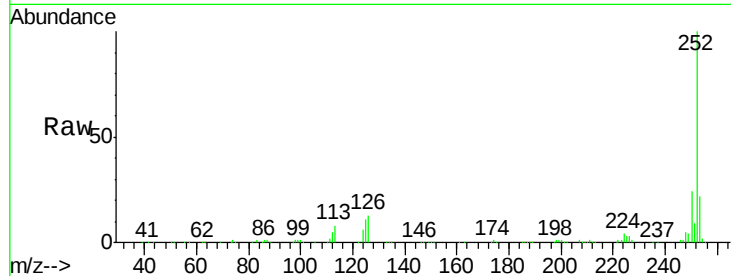




#89
Benzo(a)pyrene
Concen: 47.27 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

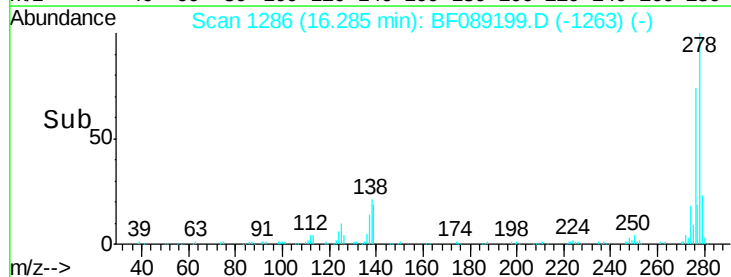
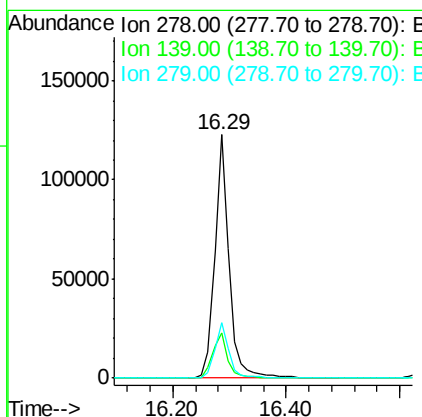
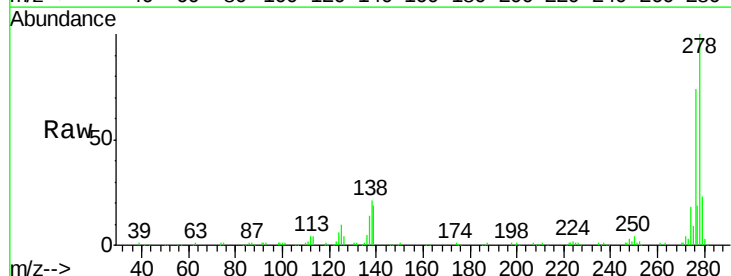
Instrument :
BNA_F
ClientSampleId :
PB92344BS

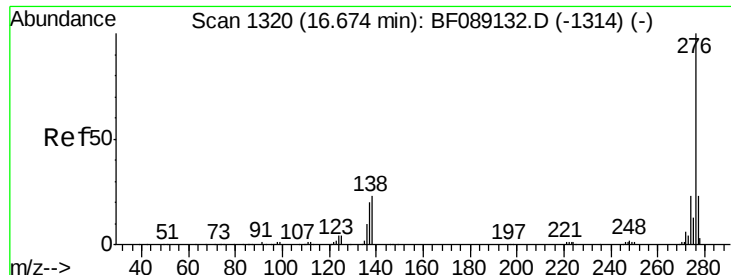
Tgt Ion: 252 Resp: 274583
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 11.0 12.4 18.6#



#90
Dibenzo(a,h)anthracene
Concen: 46.14 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF089199.D
Acq: 22 Jul 2016 17:06

Tgt Ion: 278 Resp: 211600
Ion Ratio Lower Upper
278 100
139 18.5 11.4 17.2#
279 23.0 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 44.82 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.03 min

Lab File: BF089199.D

Acq: 22 Jul 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB92344BS

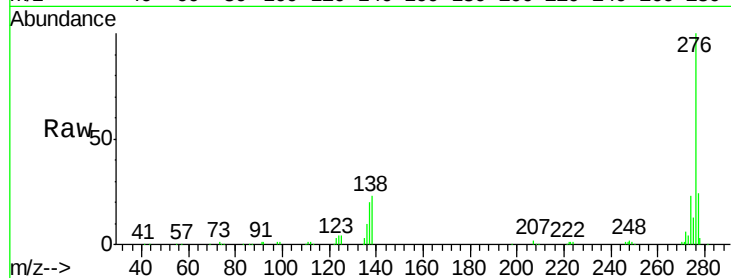
Tgt Ion: 276 Resp: 207254

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 23.2 18.5 27.7



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

