

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087104.D
 Acq On : 17 May 2016 15:35
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Quant Time: May 17 15:58:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 13:03:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	145108	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	613498	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	315354	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	632326	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	533207	20.00	ng	-0.02
86) Perylene-d12	15.10	264	461660	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	38427	4.48	ng	-0.01
7) Phenol-d6	6.26	99	61987	5.41	ng	-0.02
23) Nitrobenzene-d5	7.16	82	69312	5.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	17664	5.29	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	136335	7.27	ng	-0.02
78) Terphenyl-d14	12.69	244	134756	5.36	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.04	88	19060	4.53	ng	# 79
3) Pyridine	2.81	79	15710	1.53	ng	# 30
4) n-Nitrosodimethylamine	2.68	42	16431	2.20	ng	# 47
6) Aniline	6.26	93	39174	2.83	ng	93
8) 2-Chlorophenol	6.39	128	27661	2.68	ng	94
9) Benzaldehyde	6.15	77	18327	2.76	ng	97
10) Phenol	6.28	94	38805	2.85	ng	# 53
11) bis(2-Chloroethyl)ether	6.33	93	33195	3.13	ng	84
12) 1,3-Dichlorobenzene	6.76	146	28503	2.55	ng	95
13) 1,4-Dichlorobenzene	6.76	146	30245	2.65	ng	96
14) 1,2-Dichlorobenzene	6.76	146	30245	3.04	ng	97
15) Benzyl Alcohol	6.78	79	18166	2.30	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.88	45	66996	2.90	ng	99
17) 2-Methylphenol	6.89	107	21907	2.66	ng	# 82
18) Hexachloroethane	7.10	117	11999	2.79	ng	92
19) n-Nitroso-di-n-propylamine	7.02	70	23895	2.99	ng	# 74
20) 3+4-Methylphenols	7.05	107	27581	2.57	ng	# 68
22) Acetophenone	7.02	105	39315	2.71	ng	# 94
24) Nitrobenzene	7.19	77	39215	3.12	ng	99
25) Isophorone	7.43	82	61048	2.69	ng	96
26) 2-Nitrophenol	7.51	139	12803	2.32	ng	# 64
27) 2,4-Dimethylphenol	7.56	122	27154	2.89	ng	86
28) bis(2-Chloroethoxy)methane	7.64	93	34537	2.82	ng	98
29) 2,4-Dichlorophenol	7.77	162	22066	2.66	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	26890	2.90	ng	98
31) Naphthalene	7.90	128	88749	2.89	ng	99
32) Benzoic acid	7.69	122	4216	0.76	ng	85
33) 4-Chloroaniline	7.98	127	34978	2.93	ng	# 95
34) Hexachlorobutadiene	8.02	225	16007	2.98	ng	96
35) Caprolactam	8.31	113	6421	2.28	ng	# 48
36) 4-Chloro-3-methylphenol	8.48	107	28048	2.79	ng	98
37) 2-Methylnaphthalene	8.59	142	58803	3.27	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	25411	2.77	ng	98
40) Hexachlorocyclopentadiene	8.74	237	906	0.21	ng	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	14898	2.43	nq	98
43) 2,4,5-Trichlorophenol	8.95	196	17081	2.69	nq #	96
45) 1,1'-Biphenyl	9.06	154	75602	3.01	nq	97
46) 2-Chloronaphthalene	9.08	162	54457	2.77	nq	97
47) 2-Nitroaniline	9.20	65	17960	2.50	nq	87
48) Acenaphthylene	9.48	152	89213	3.09	nq	99
49) Dimethylphthalate	9.36	163	65322	2.72	nq	98
50) 2,6-Dinitrotoluene	9.43	165	13318	2.63	nq #	67
51) Acenaphthene	9.66	154	55739	3.10	nq	97
52) 3-Nitroaniline	9.61	138	13581	2.55	nq #	81
54) Dibenzofuran	9.84	168	73238	3.17	nq	96
55) 4-Nitrophenol	9.84	139	33531	10.57	nq #	25
56) 2,4-Dinitrotoluene	9.84	165	17402	2.78	nq #	76
57) Fluorene	10.17	166	66920	3.40	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	12242	2.56	nq #	96
59) Diethylphthalate	10.06	149	63774	2.72	nq	98
60) 4-Chlorophenyl-phenylether	10.17	204	31147	3.11	nq	96
61) 4-Nitroaniline	10.22	138	12016	2.35	nq #	64
62) Azobenzene	10.33	77	78346	3.10	nq	89
64) 4,6-Dinitro-2-methylphenol	10.25	198	3882	0.99	nq #	44
65) n-Nitrosodiphenylamine	10.30	169	52352	2.69	nq	98
66) 4-Bromophenyl-phenylether	10.66	248	17556	2.74	nq #	79
67) Hexachlorobenzene	10.72	284	21445	2.86	nq #	80
68) Atrazine	10.82	200	17323	2.67	nq	97
69) Pentachlorophenol	10.94	266	1857	0.54	nq	98
70) Phenanthrene	11.13	178	102444	3.04	nq	97
71) Anthracene	11.18	178	99066	2.87	nq	97
72) Carbazole	11.35	167	89359	3.01	nq	98
73) Di-n-butylphthalate	11.68	149	94735	2.61	nq	99
74) Fluoranthene	12.31	202	98427	2.84	nq	100
76) Benzidine	12.46	184	32384	2.38	nq	97
77) Pyrene	12.54	202	107906	2.64	nq	97
79) Butylbenzylphthalate	13.17	149	36037	2.09	nq #	64
80) Benzo(a)anthracene	13.73	228	91984	3.07	nq	96
81) 3,3'-Dichlorobenzidine	13.70	252	51734	2.72	nq #	95
82) Chrysene	13.76	228	80460	2.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	49218	2.37	nq #	99
84) Di-n-octyl phthalate	14.34	149	85480	2.48	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.33	276	67027	2.65	nq	94
87) Benzo(b)fluoranthene	14.75	252	156158	5.20	nq #	93
88) Benzo(k)fluoranthene	14.75	252	156158	6.36	nq #	96
89) Benzo(a)pyrene	15.04	252	72439	2.80	nq	100
90) Dibenzo(a,h)anthracene	16.34	278	55687	2.55	nq	96
91) Benzo(g,h,i)perylene	16.70	276	53552	2.42	nq	94

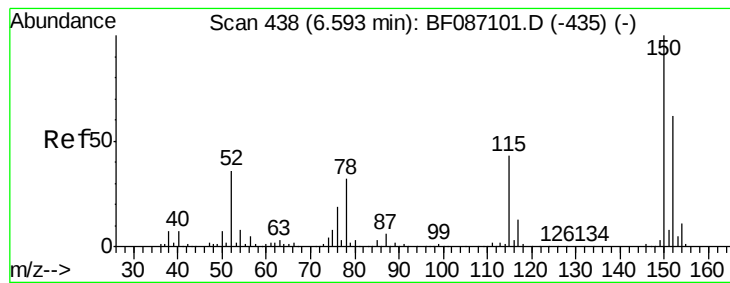
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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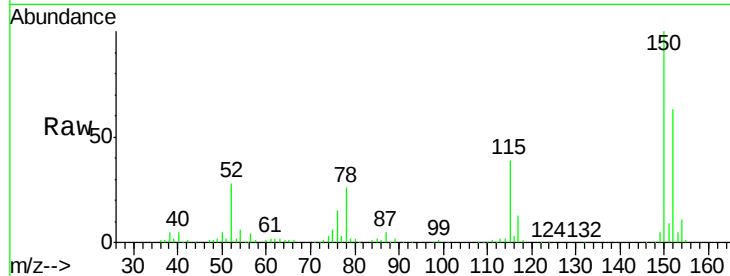


#1

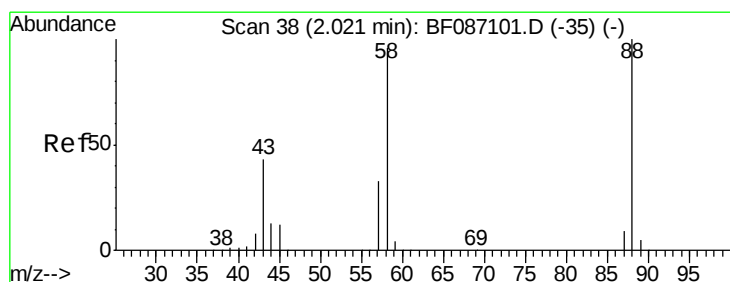
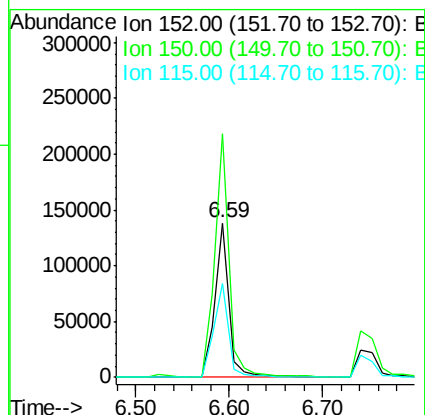
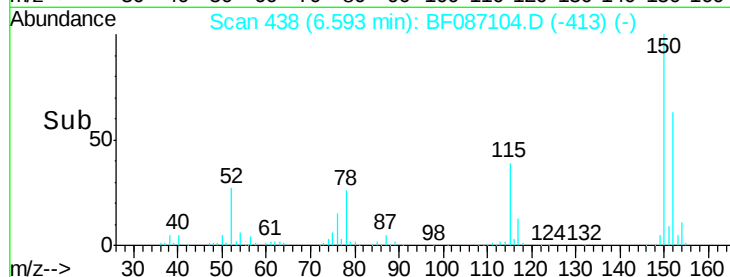
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion:152 Resp: 145108
Ion Ratio Lower Upper
152 100
150 157.9 125.8 188.6
115 61.0 51.5 77.3



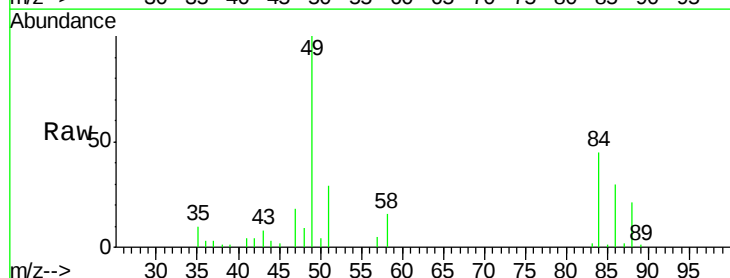
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



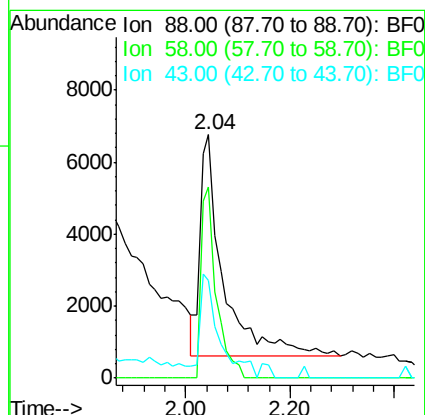
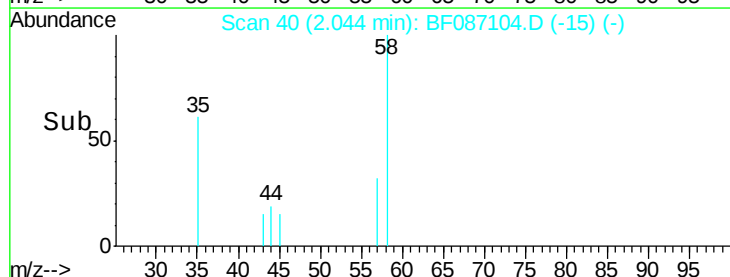
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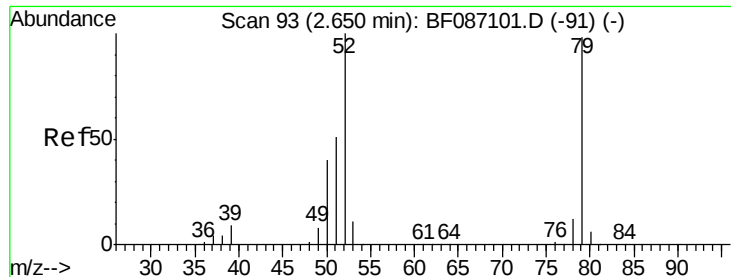
1,4-Dioxane
Concen: 4.53 ng
RT: 2.04 min Scan# 40
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion: 88 Resp: 19060
Ion Ratio Lower Upper
88 100
58 56.7 59.6 89.4#
43 39.0 21.8 32.6#



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





#3

Pvridine

Concen: 1.53 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.13 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

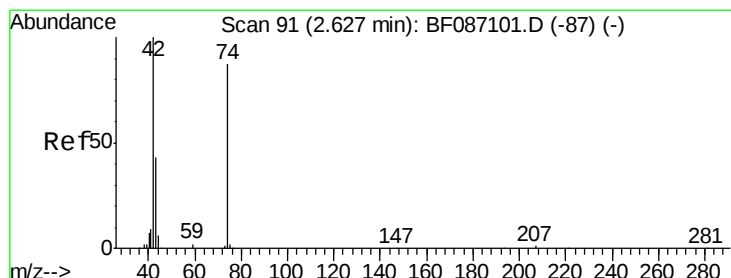
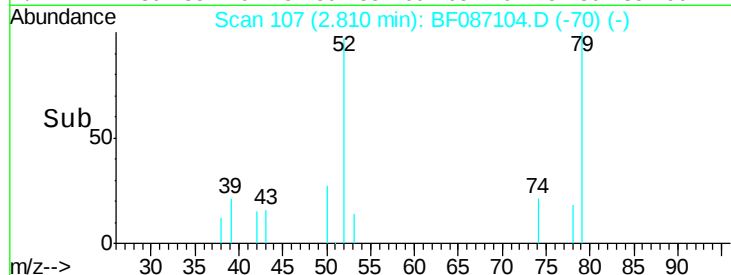
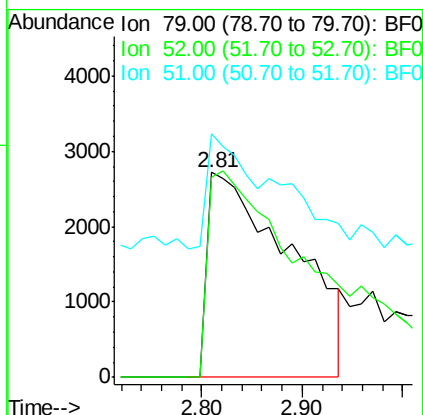
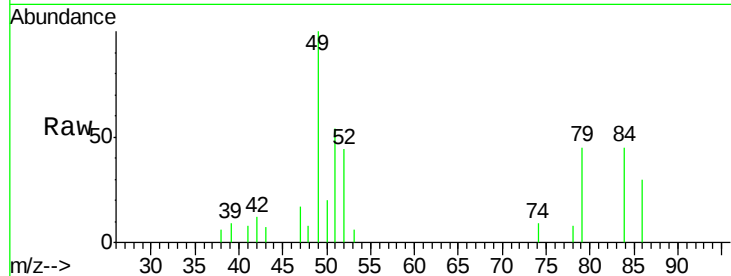
Tot Ion: 79 Resp: 15710

Ion Ratio Lower Upper

79 100

52 97.4 55.9 83.9#

51 118.8 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 2.20 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

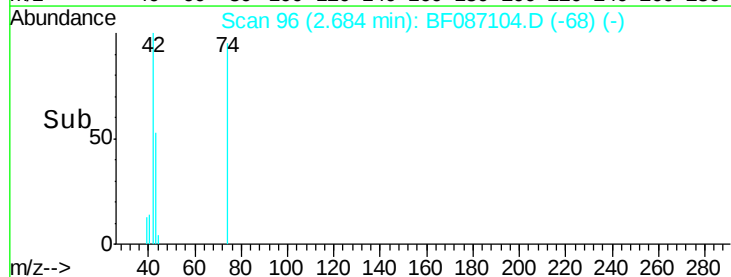
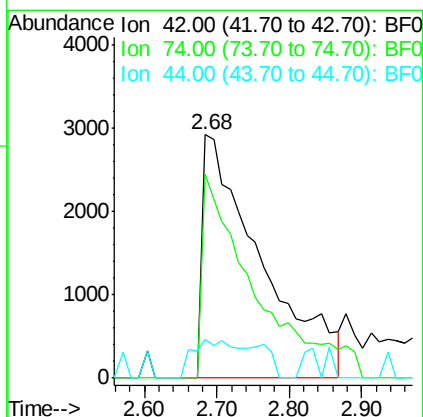
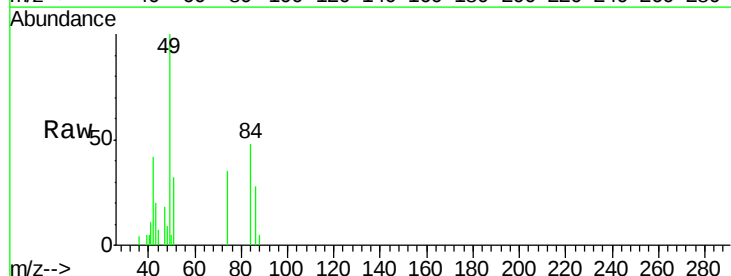
Tgt Ion: 42 Resp: 16431

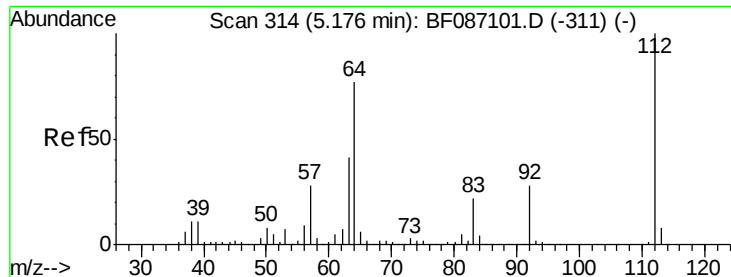
Ion Ratio Lower Upper

42 100

74 84.0 123.4 185.0#

44 16.2 5.8 8.6#





#5

2-Fluorophenol

Concen: 4.48 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

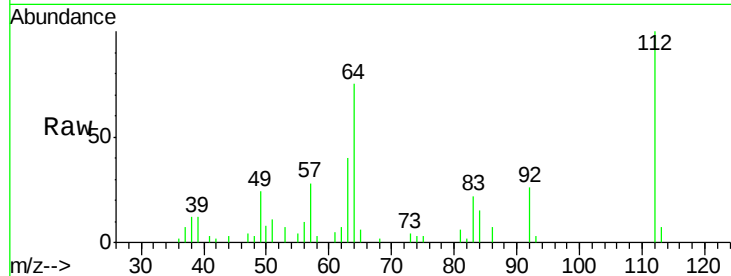
Tot Ion:112 Resp: 38427

Ion Ratio Lower Upper

112 100

64 74.7 52.1 78.1

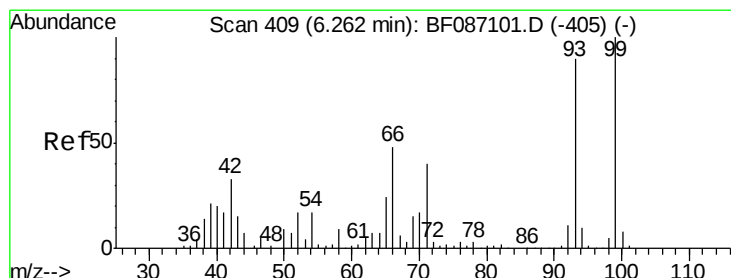
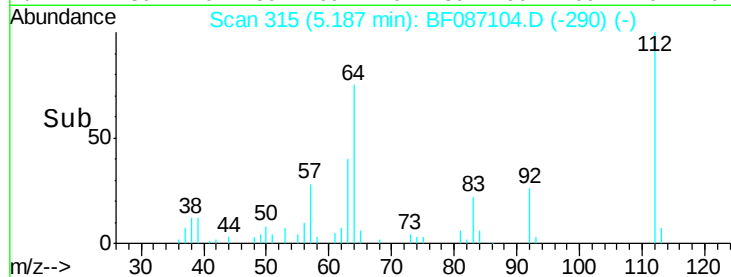
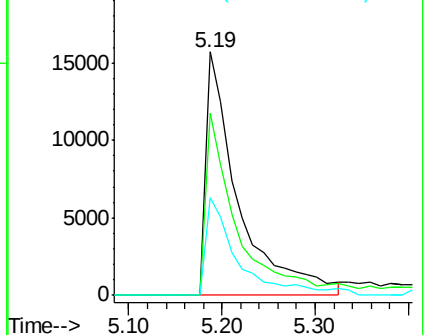
63 40.2 25.7 38.5#



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: 2.83 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

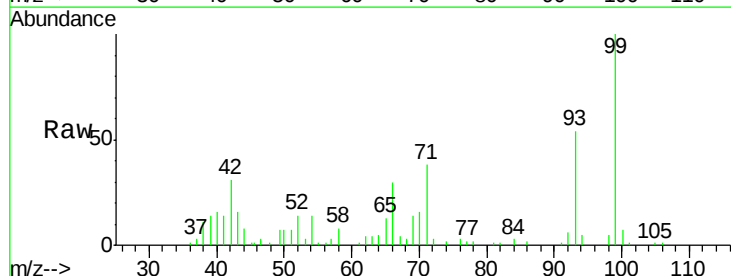
Tgt Ion: 93 Resp: 39174

Ion Ratio Lower Upper

93 100

66 55.0 39.0 58.6

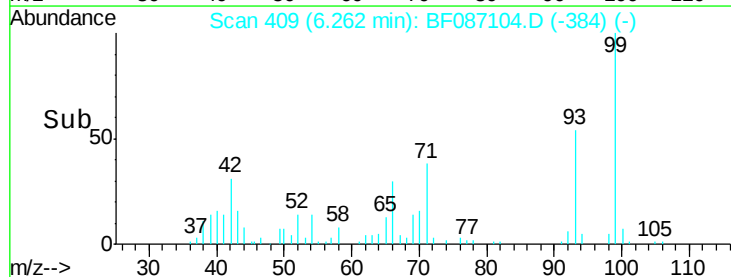
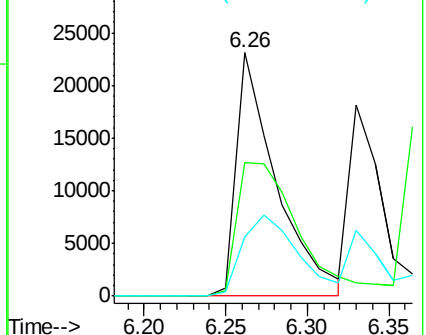
65 24.5 20.6 31.0

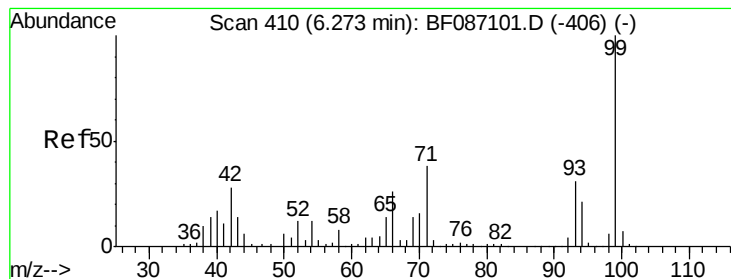


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.41 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

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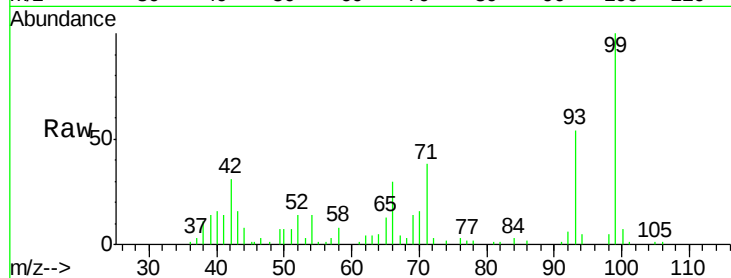
Tot Ion: 99 Resp: 61987

Ion Ratio Lower Upper

99 100

42 31.5 13.6 20.4#

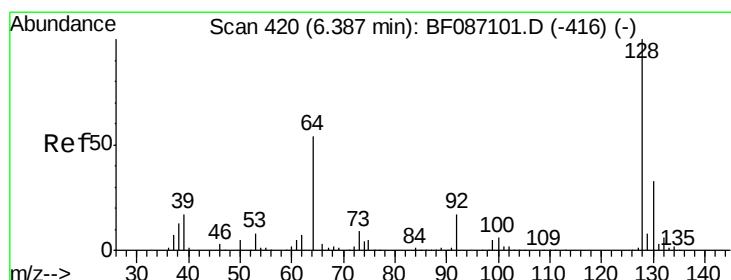
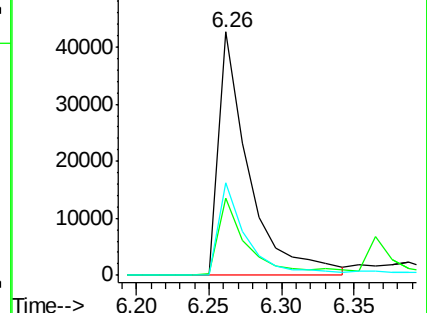
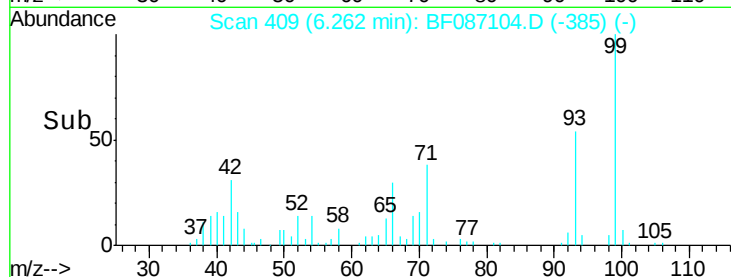
71 38.1 24.6 36.8#



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: 2.68 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

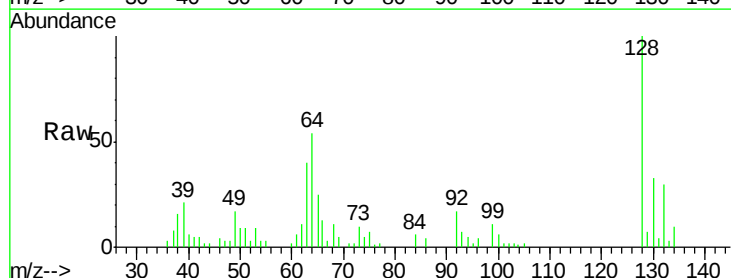
Tgt Ion: 128 Resp: 27661

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

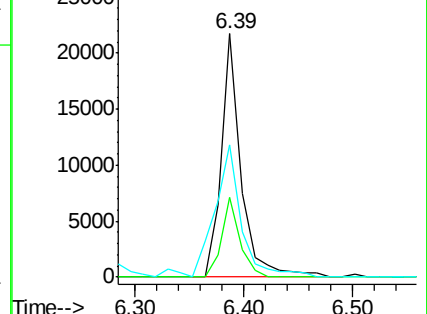
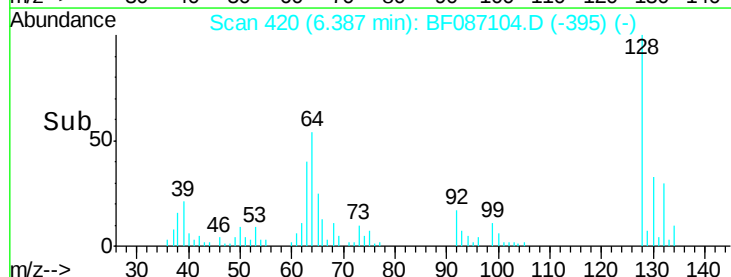
64 54.3 27.3 67.3

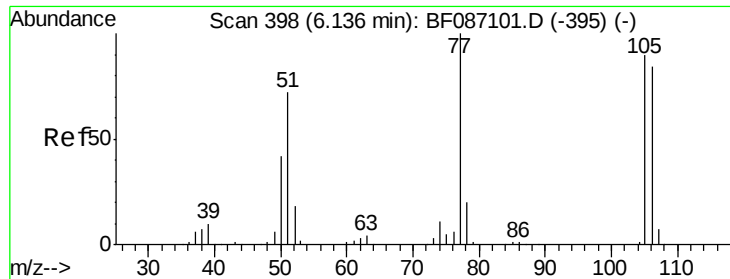


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.76 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

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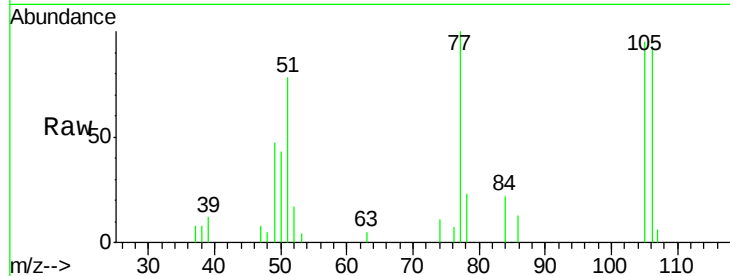
Tot Ion: 77 Resp: 18327

Ion Ratio Lower Upper

77 100

105 95.4 72.7 112.7

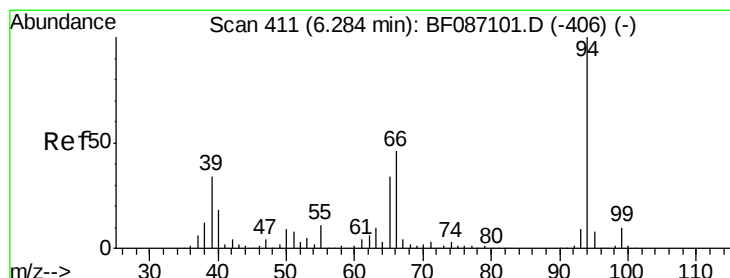
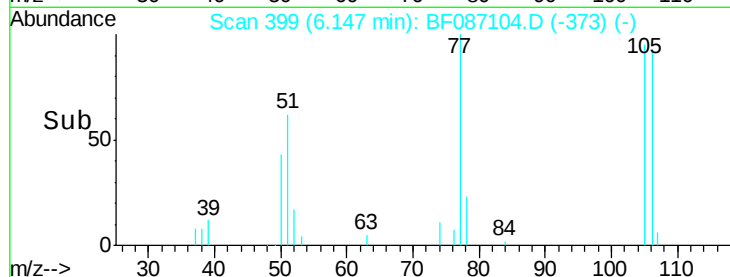
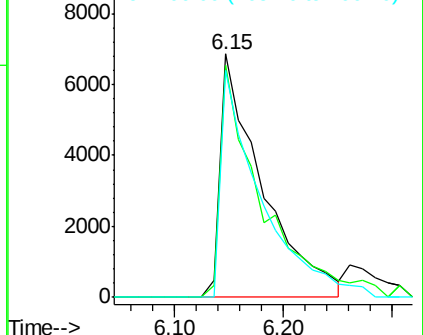
106 93.3 70.8 110.8



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: 2.85 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

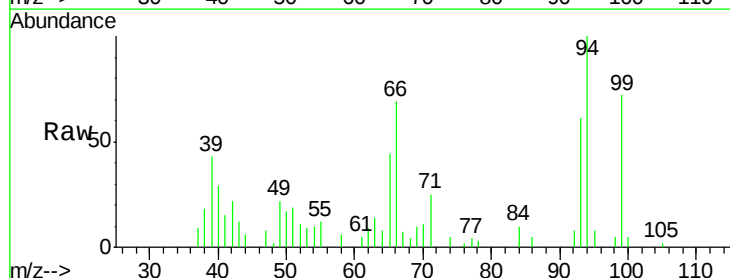
Tgt Ion: 94 Resp: 38805

Ion Ratio Lower Upper

94 100

65 44.0 7.2 47.2

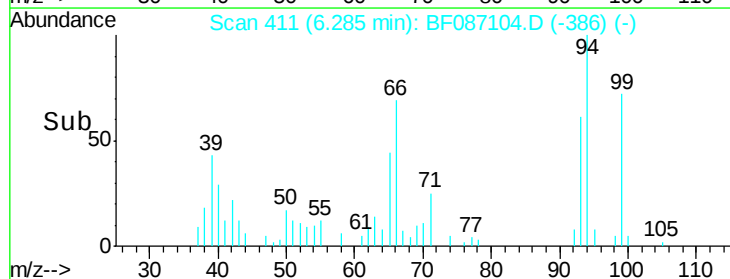
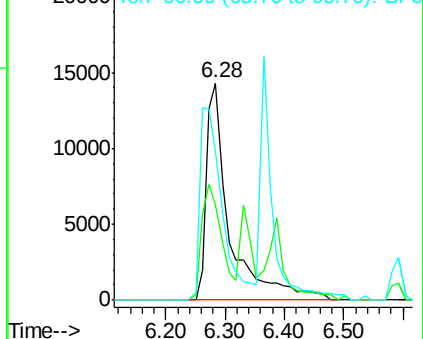
66 68.7 14.9 54.9#

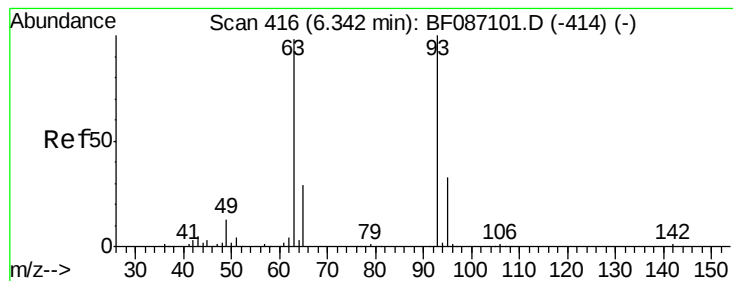


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 3.13 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

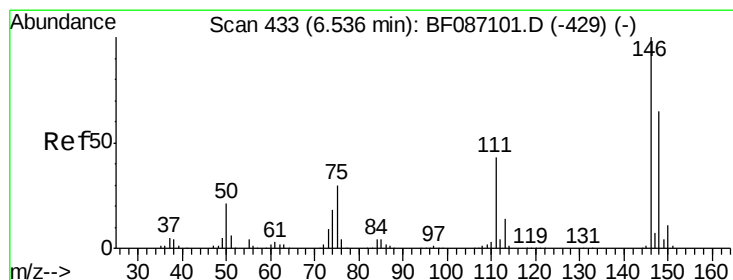
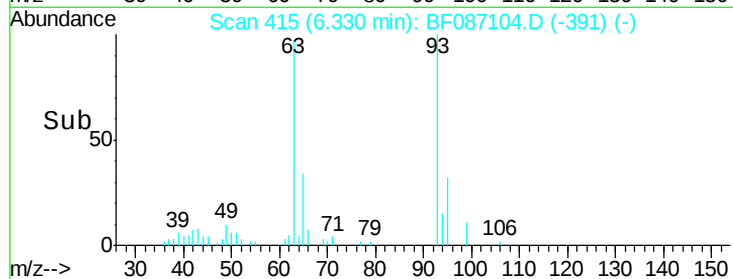
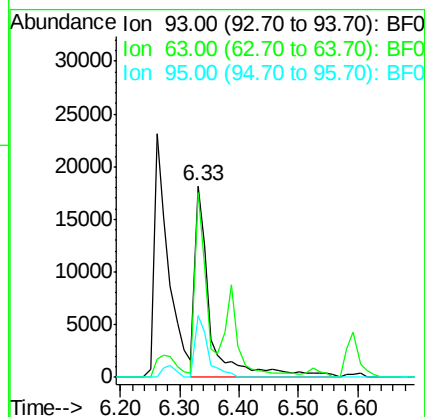
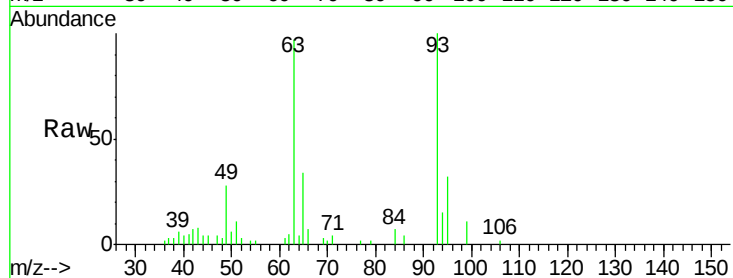
Tot Ion: 93 Resp: 33195

Ion Ratio Lower Upper

93 100

63 96.7 58.0 98.0

95 32.4 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 2.55 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.22 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

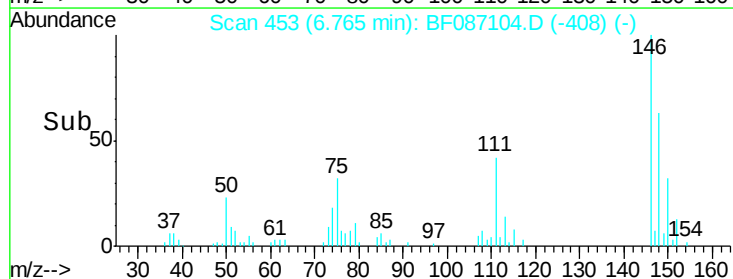
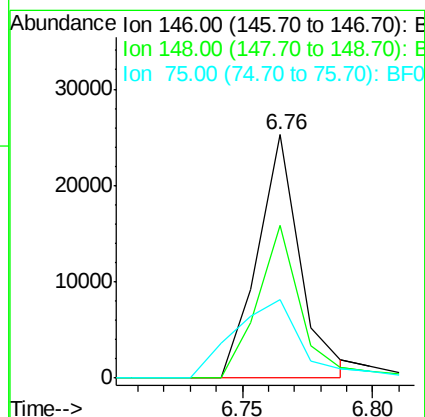
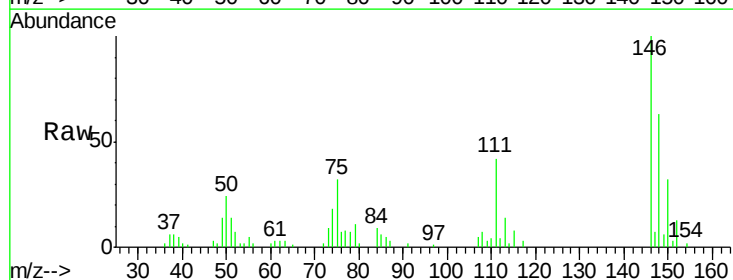
Tgt Ion: 146 Resp: 28503

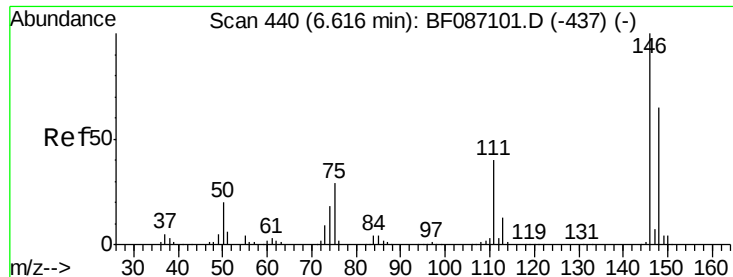
Ion Ratio Lower Upper

146 100

148 62.7 52.4 78.6

75 32.4 22.8 34.2

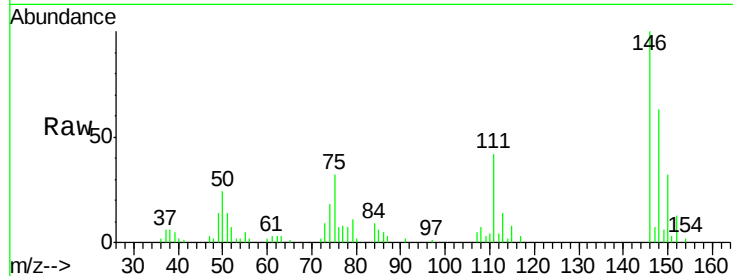




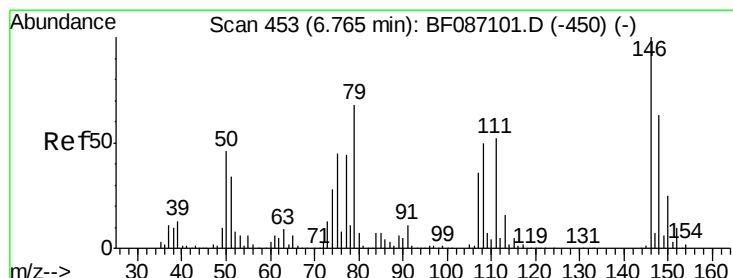
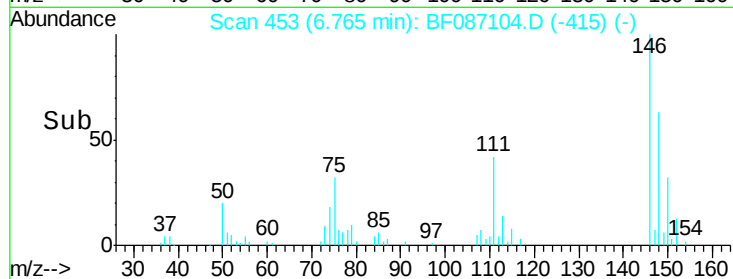
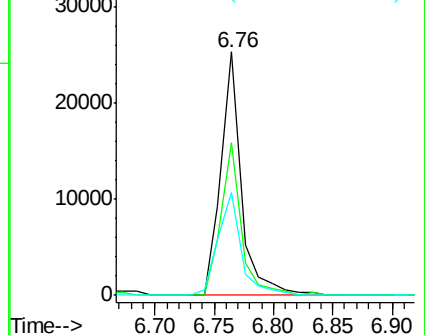
#13
 1,4-Dichlorobenzene
 Concen: 2.65 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.14 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:146 Resp: 30245
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.4
 111 42.3 30.7 46.1

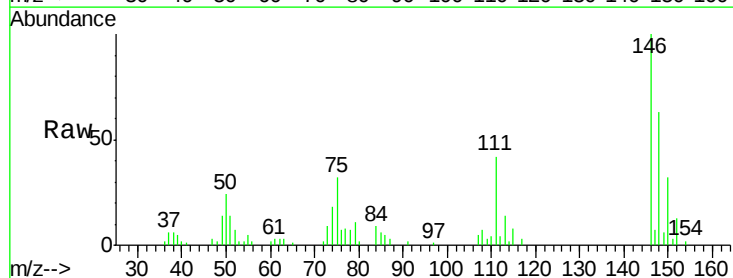


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

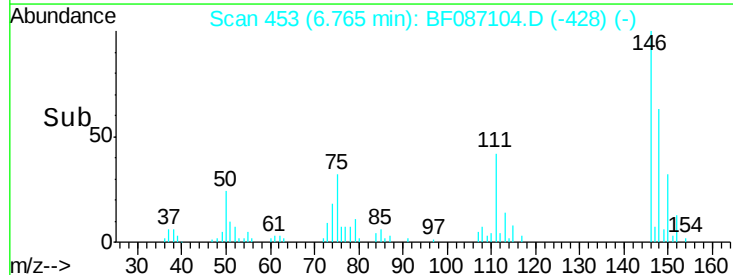
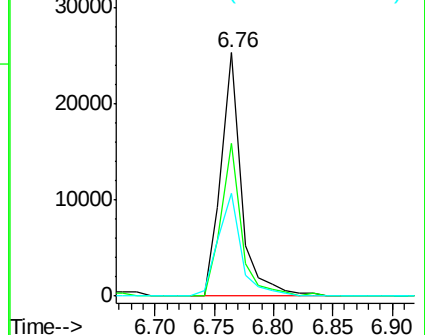


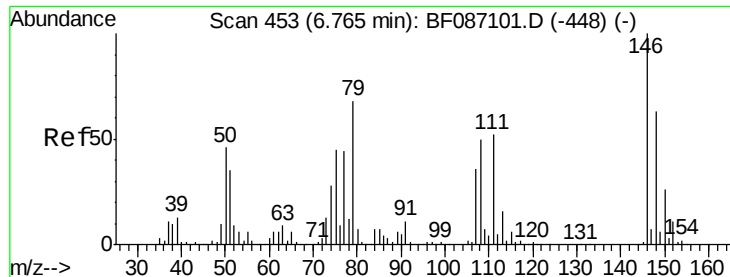
#14
 1,2-Dichlorobenzene
 Concen: 3.04 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Tgt Ion:146 Resp: 30245
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.0 76.6
 111 42.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

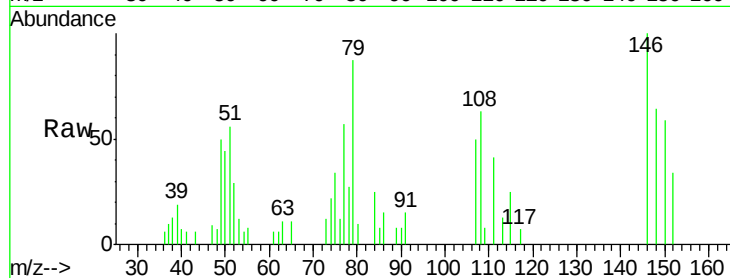
Tot Ion: 79 Resp: 18166

Ion Ratio Lower Upper

79 100

108 72.7 68.4 102.6

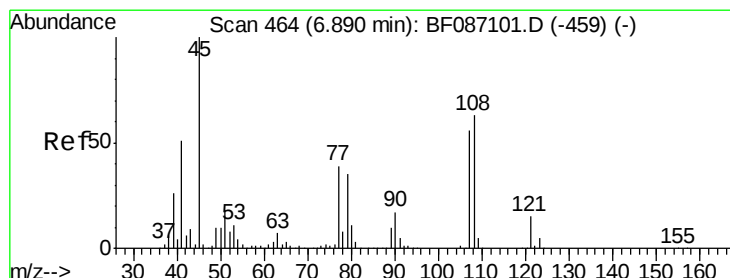
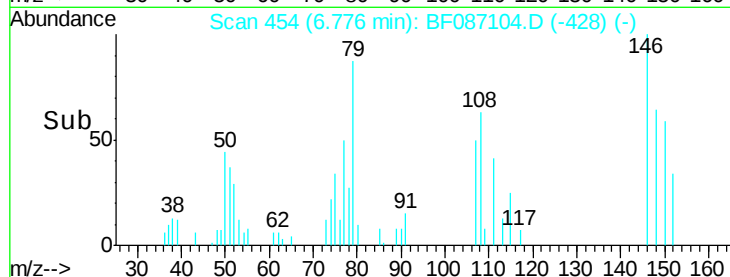
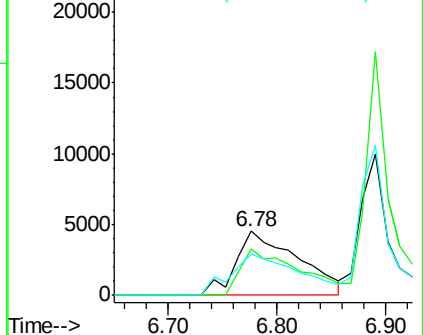
77 65.2 50.6 76.0



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: 2.90 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

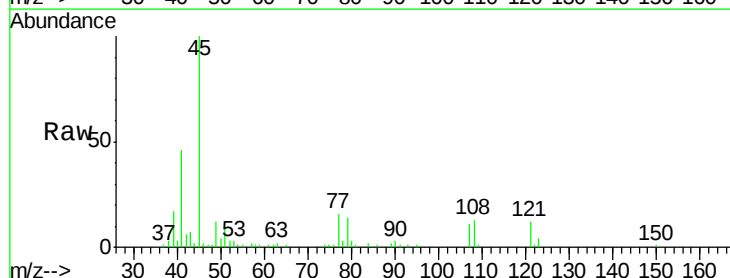
Tgt Ion: 45 Resp: 66996

Ion Ratio Lower Upper

45 100

77 16.3 0.0 36.4

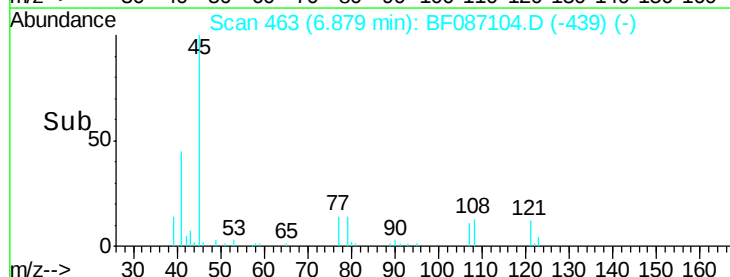
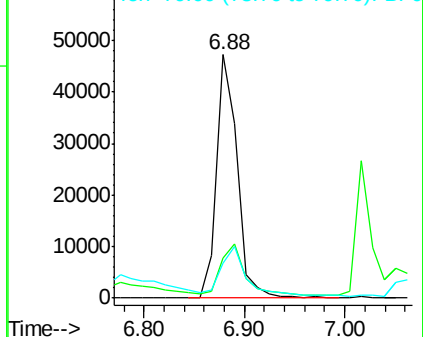
79 14.5 0.0 33.4

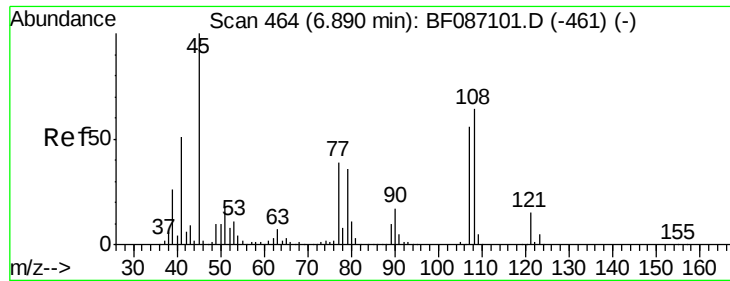


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 2.66 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion:107 Resp: 21907

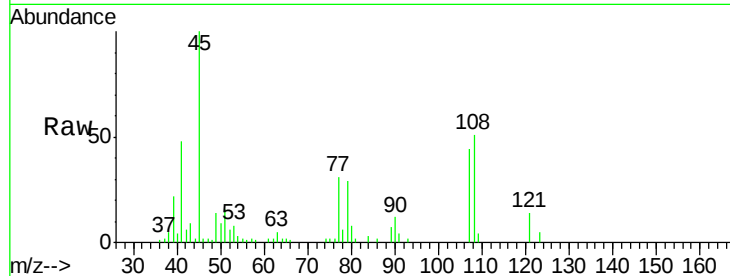
Ion Ratio Lower Upper

107 100

108 116.1 93.7 140.5

77 71.6 33.4 50.0#

79 67.1 34.3 51.5#

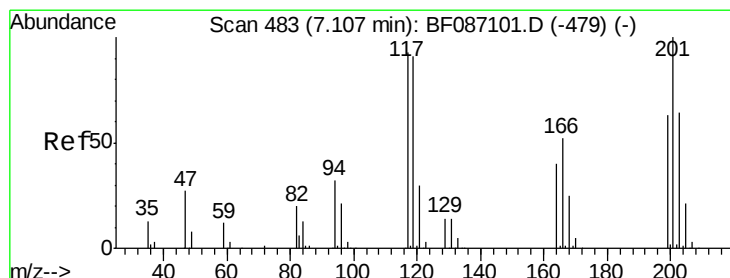
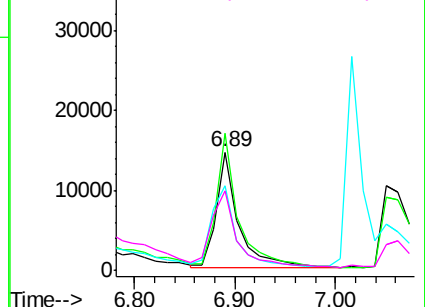
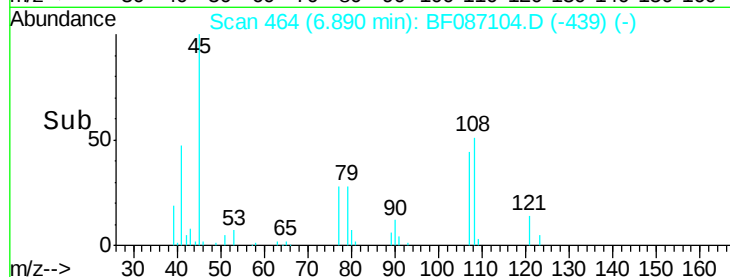


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 2.79 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

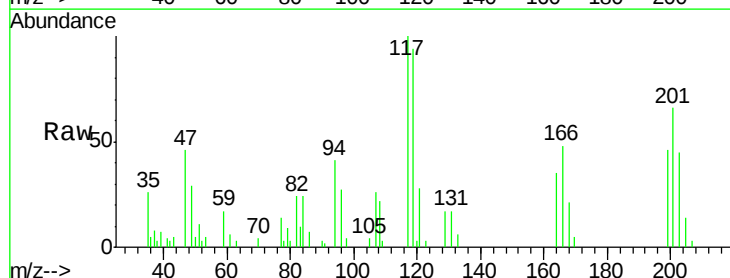
Tgt Ion:117 Resp: 11999

Ion Ratio Lower Upper

117 100

119 93.6 76.5 114.7

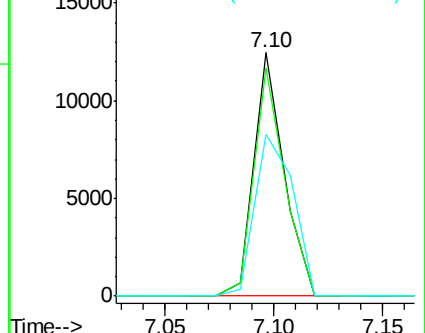
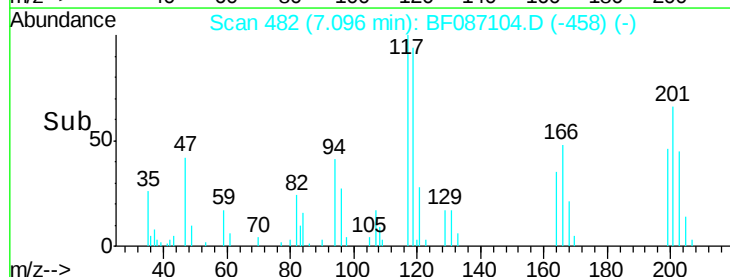
201 66.4 63.0 94.6

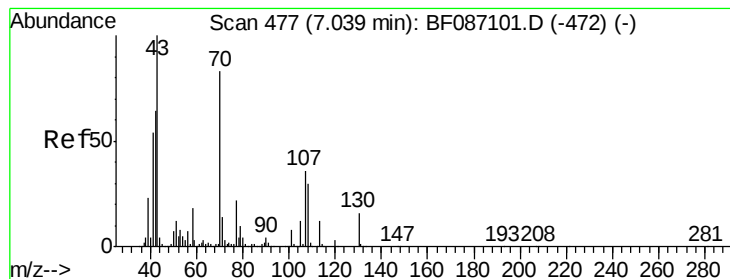


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 2.99 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion: 70 Resp: 23895

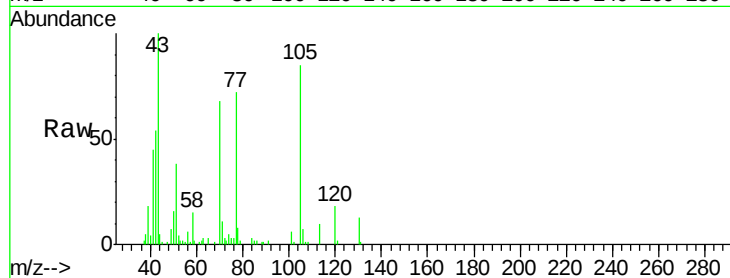
Ion Ratio Lower Upper

70 100

42 80.4 43.1 64.7#

101 8.9 8.1 12.1

130 18.7 18.6 28.0



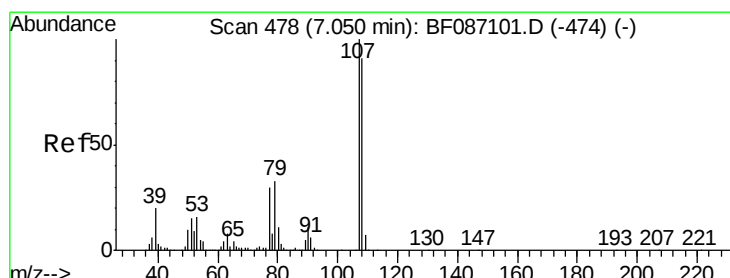
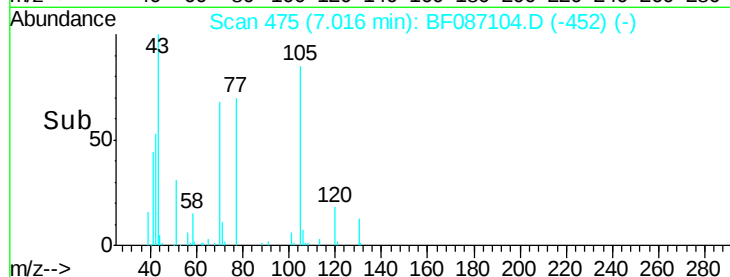
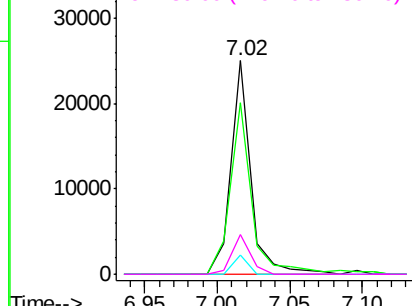
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 2.57 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Tgt Ion:107 Resp: 27581

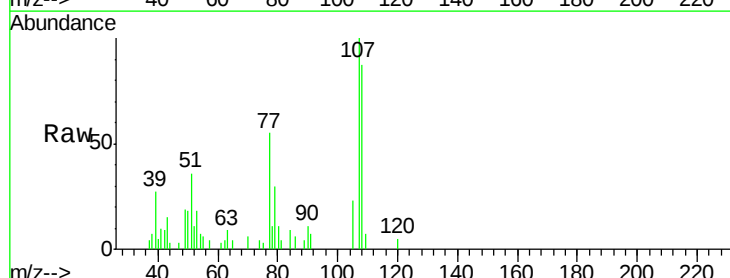
Ion Ratio Lower Upper

107 100

108 86.9 68.5 108.5

77 54.7 101.6 141.6#

79 30.1 7.4 47.4



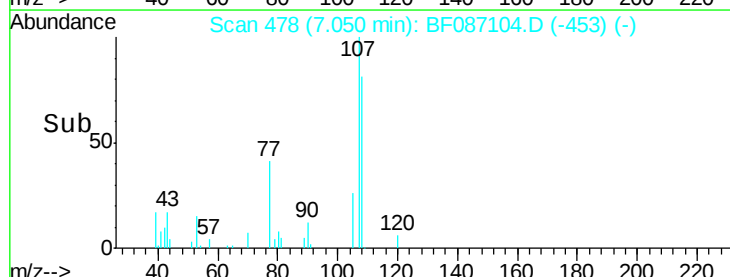
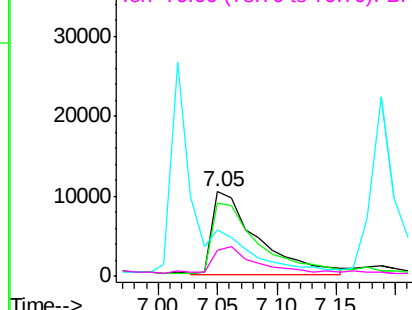
Abundance

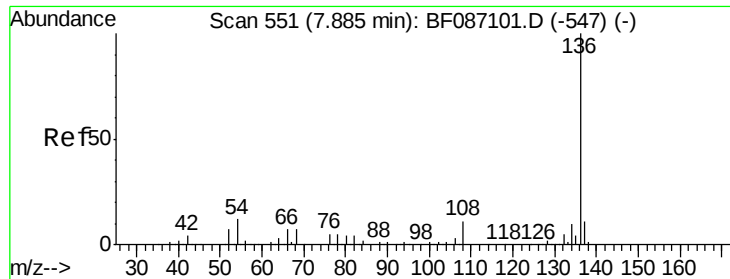
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion:136 Resp: 613498

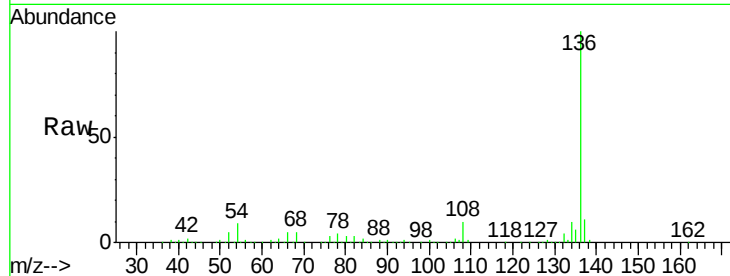
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.7 5.0 7.4#

68 4.9 4.4 6.6



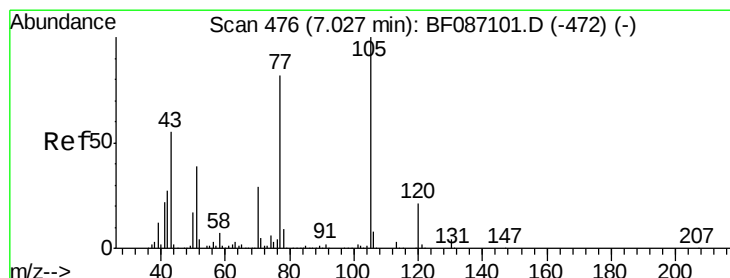
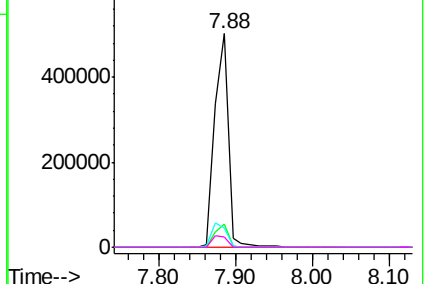
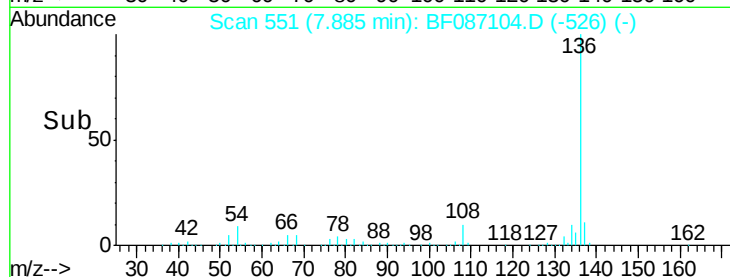
Abundance

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: 2.71 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Tgt Ion:105 Resp: 39315

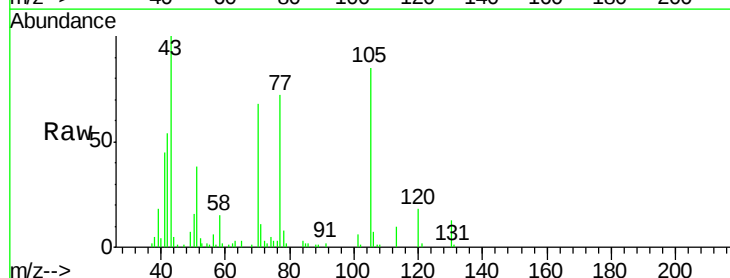
Ion Ratio Lower Upper

105 100

71 12.7 4.8 7.2#

51 44.2 32.6 49.0

120 21.3 16.5 24.7



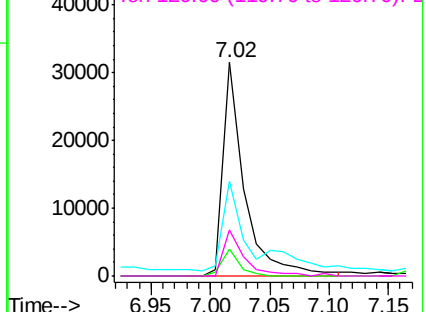
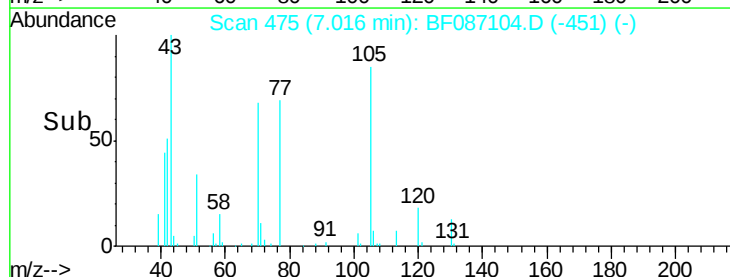
Abundance

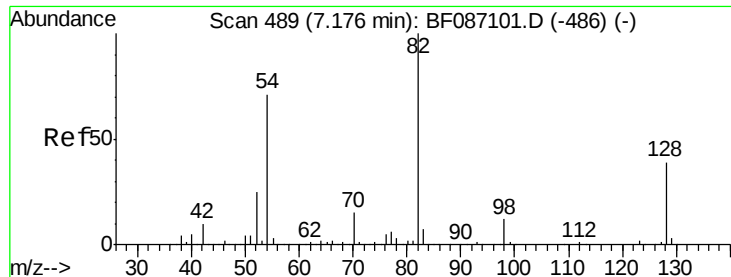
Ion 105.00 (104.70 to 105.70): E

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

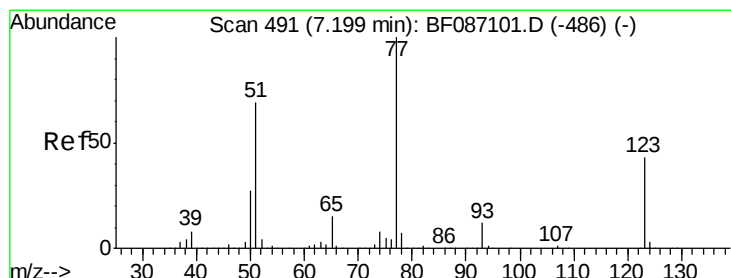
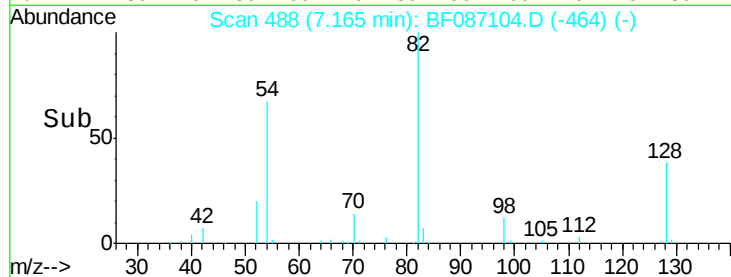
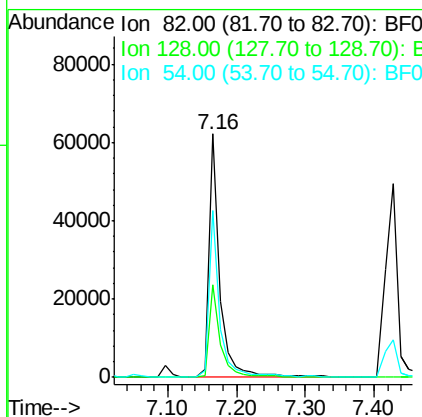
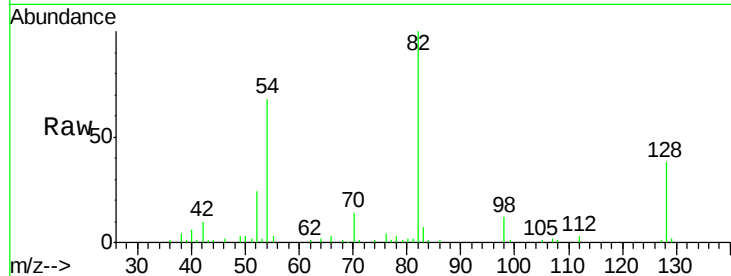




#23
 Nitrobenzene-d5
 Concen: 5.67 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

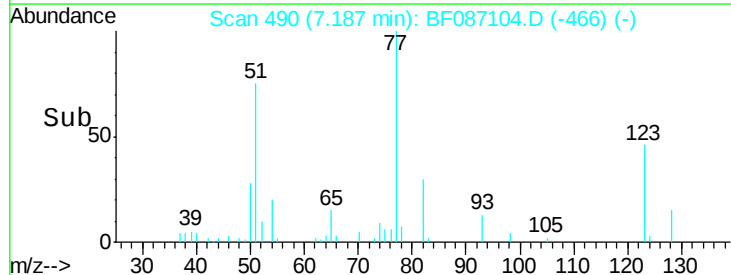
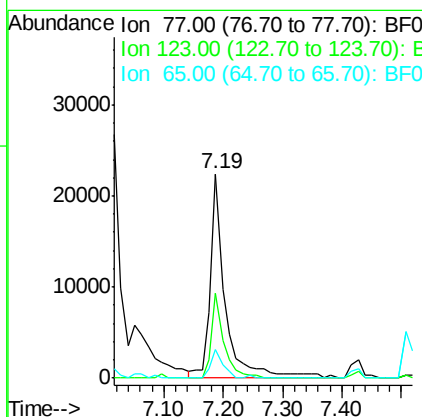
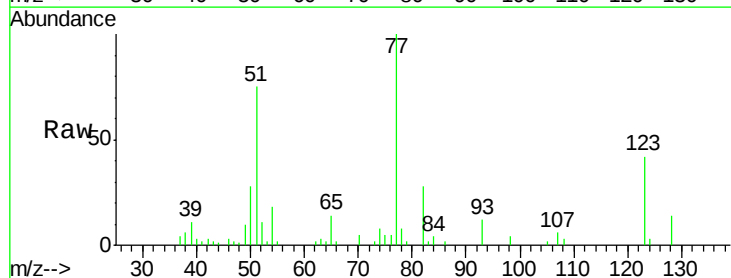
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

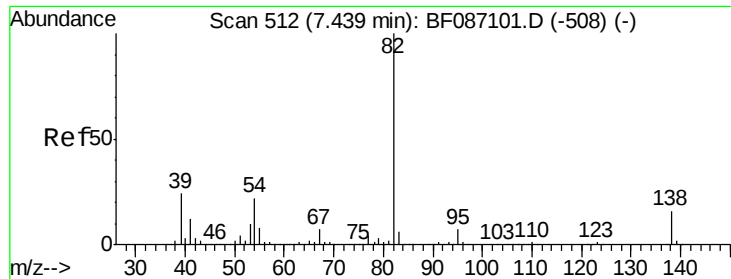
Tot Ion: 82 Resp: 69312
 Ion Ratio Lower Upper
 82 100
 128 37.8 40.6 61.0#
 54 68.5 38.1 57.1#



#24
 Nitrobenzene
 Concen: 3.12 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Tgt Ion: 77 Resp: 39215
 Ion Ratio Lower Upper
 77 100
 123 41.9 33.0 49.4
 65 14.1 10.8 16.2





#25

Isophorone

Concen: 2.69 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

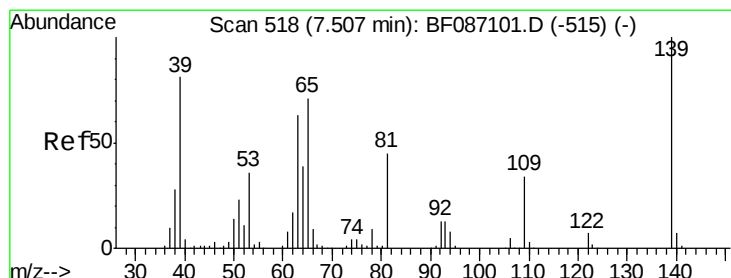
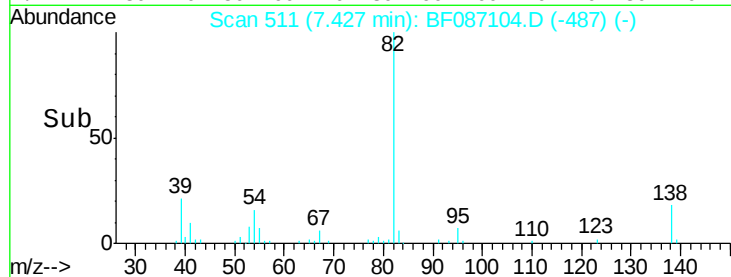
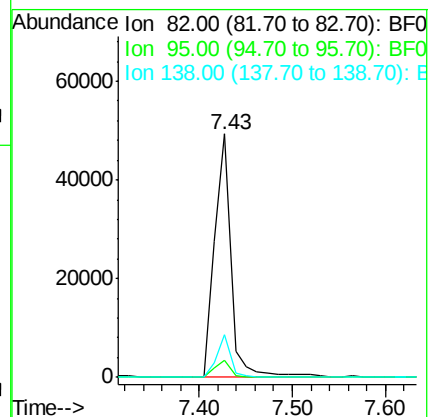
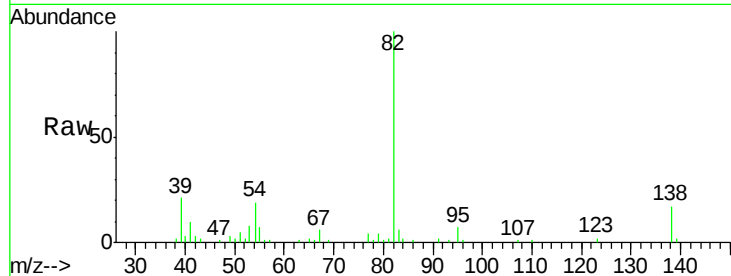
Tot Ion: 82 Resp: 61048

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

138 17.5 12.4 18.6



#26

2-Nitrophenol

Concen: 2.32 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

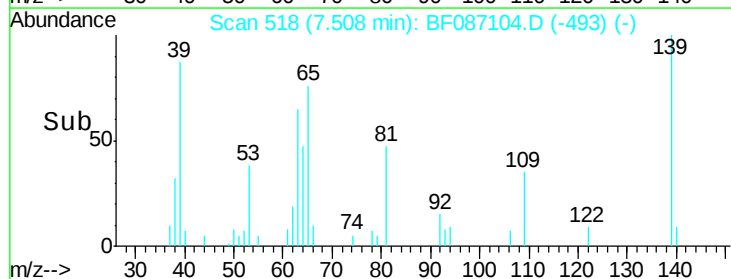
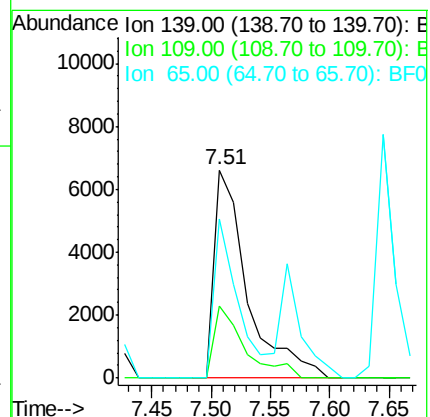
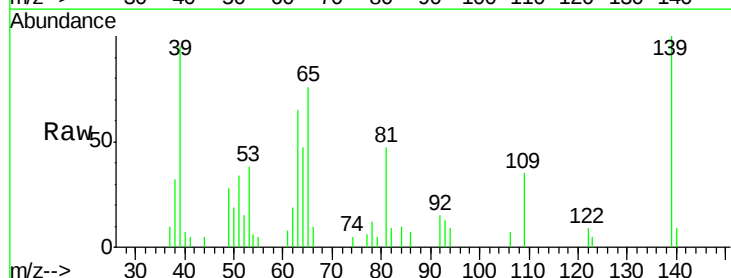
Tgt Ion: 139 Resp: 12803

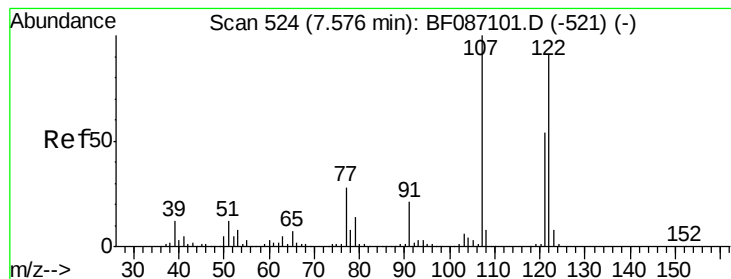
Ion Ratio Lower Upper

139 100

109 34.7 19.5 29.3#

65 76.2 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 2.89 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

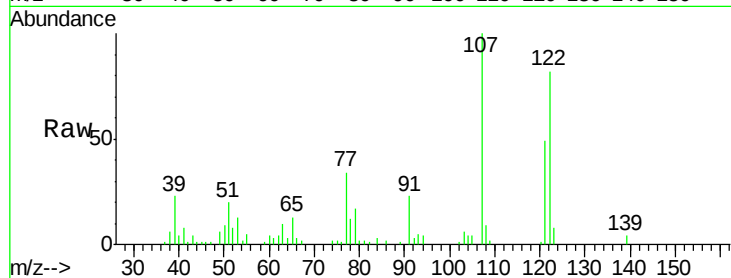
Tot Ion:122 Resp: 27154

Ion Ratio Lower Upper

122 100

107 122.4 82.0 123.0

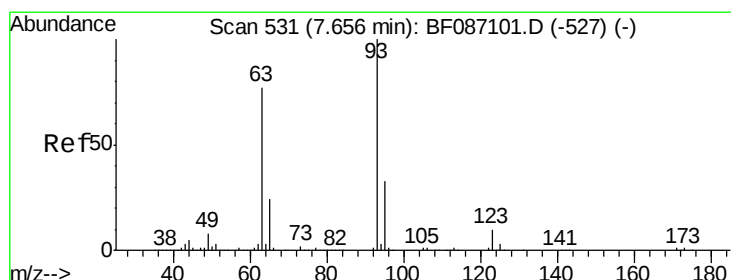
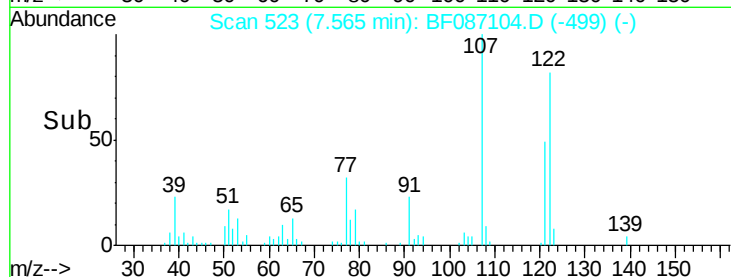
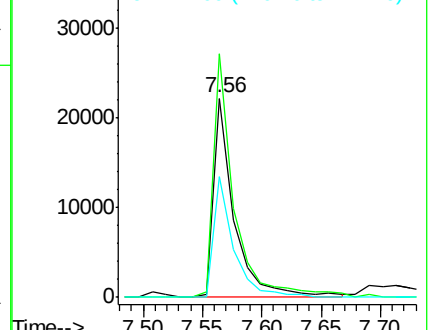
121 60.4 46.1 69.1



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: 2.82 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

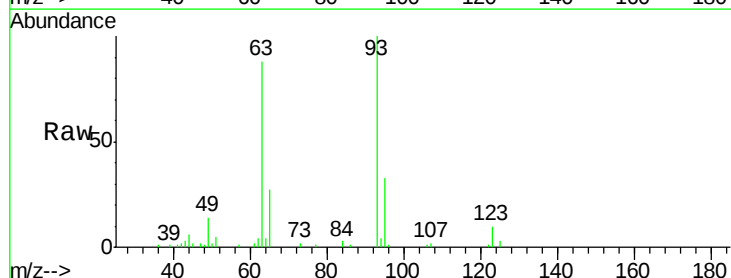
Tgt Ion: 93 Resp: 34537

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

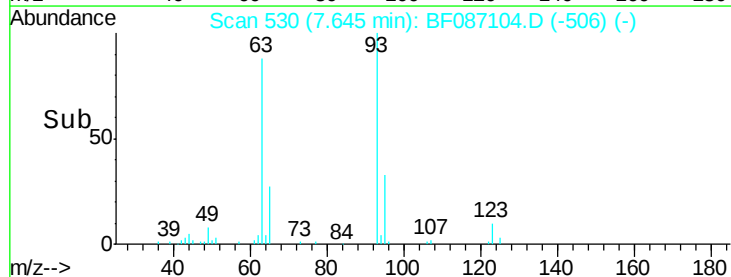
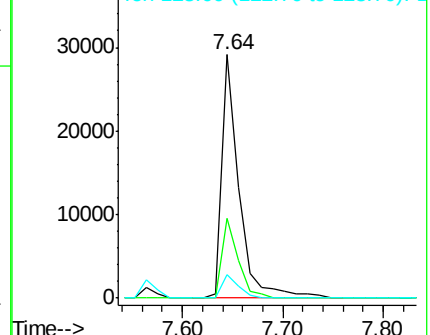
123 9.7 9.5 14.3

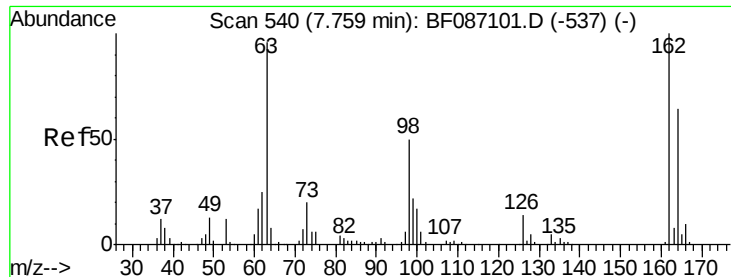


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

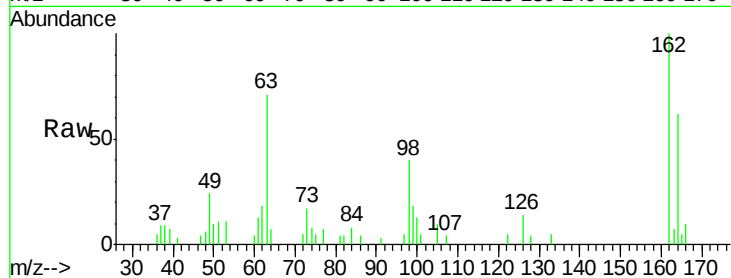




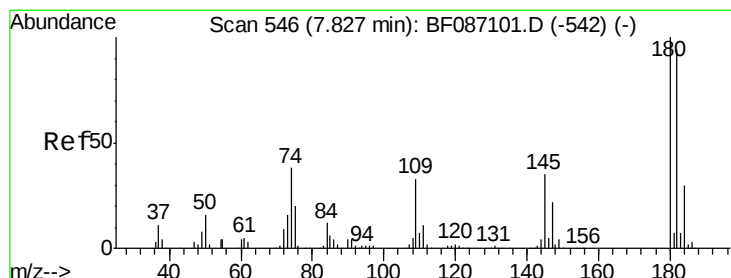
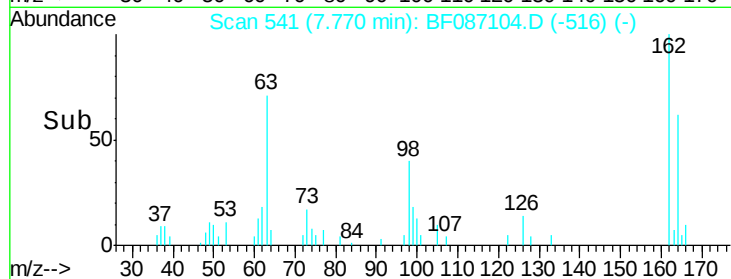
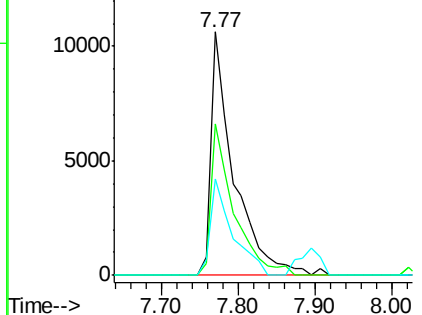
#29
2,4-Dichlorophenol
Concen: 2.66 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion:162 Resp: 22066
Ion Ratio Lower Upper
162 100
164 62.4 42.2 82.2
98 39.7 19.0 59.0

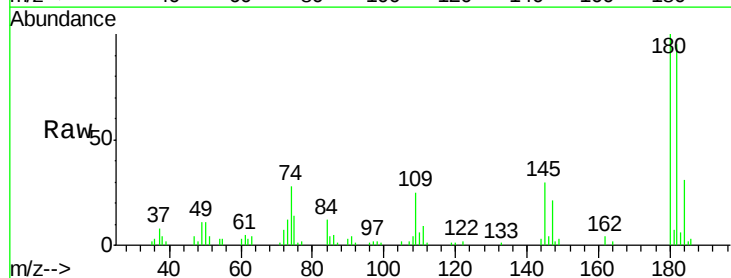


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

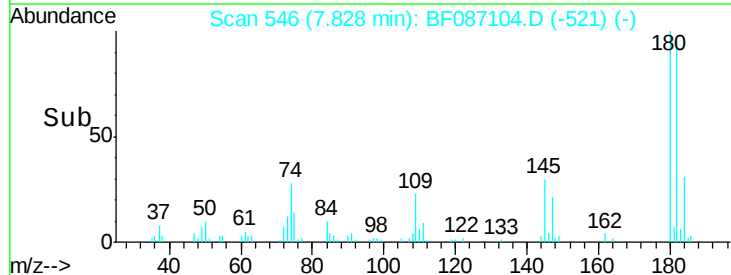
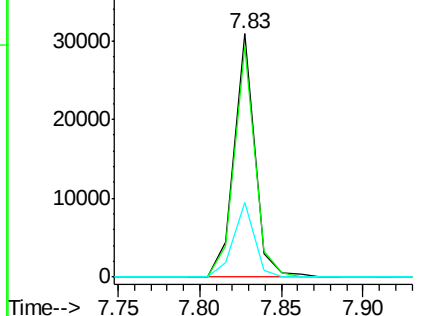


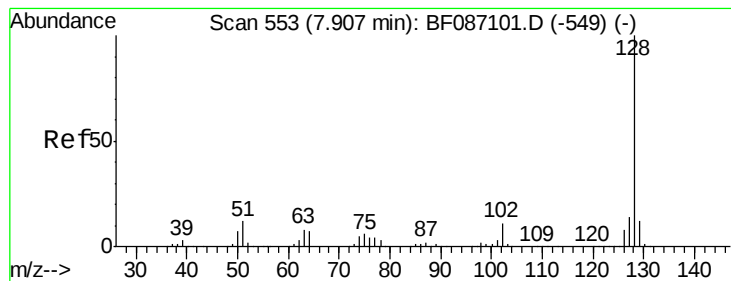
#30
1,2,4-Trichlorobenzene
Concen: 2.90 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:180 Resp: 26890
Ion Ratio Lower Upper
180 100
182 95.0 78.0 117.0
145 30.4 24.2 36.2



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





#31

Naphthalene

Concen: 2.89 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

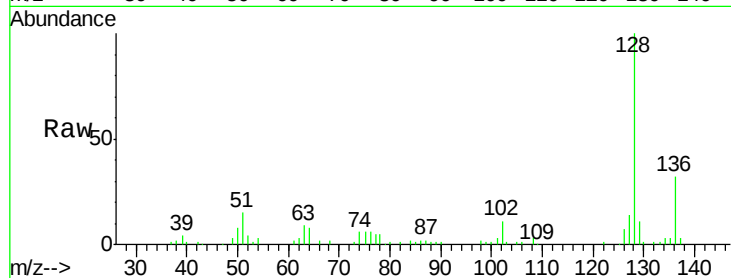
Tot Ion:128 Resp: 88749

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

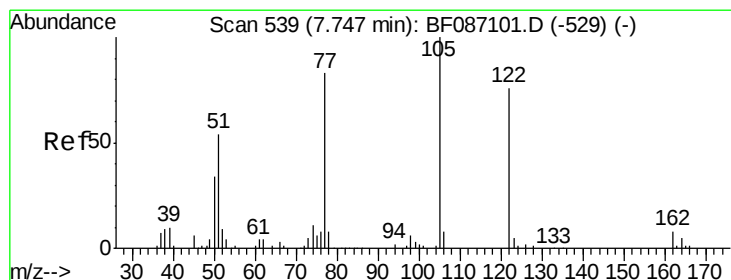
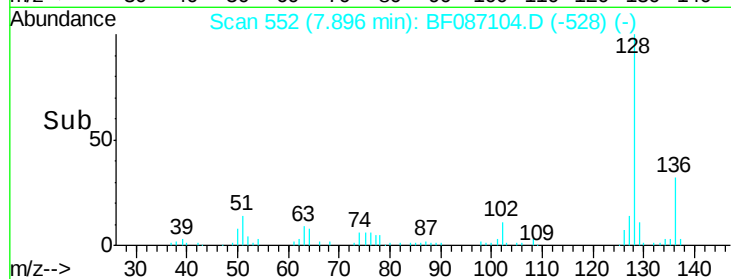
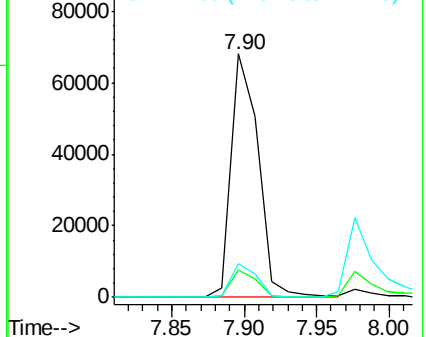
127 13.8 10.8 16.2



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: 0.76 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.06 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

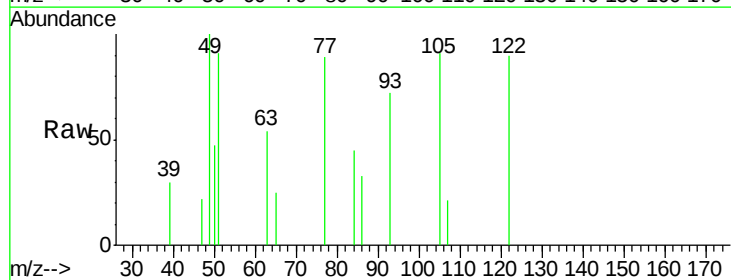
Tgt Ion:122 Resp: 4216

Ion Ratio Lower Upper

122 100

105 102.0 92.6 132.6

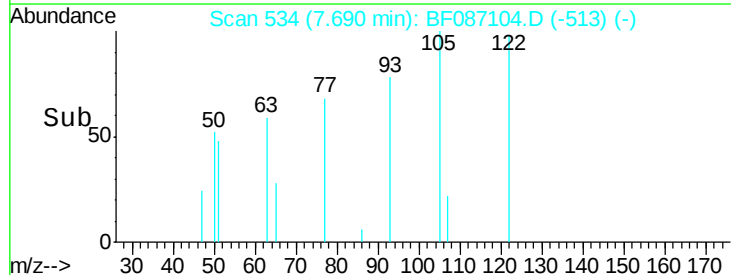
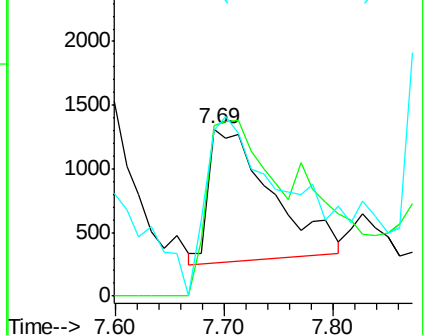
77 99.0 60.0 100.0

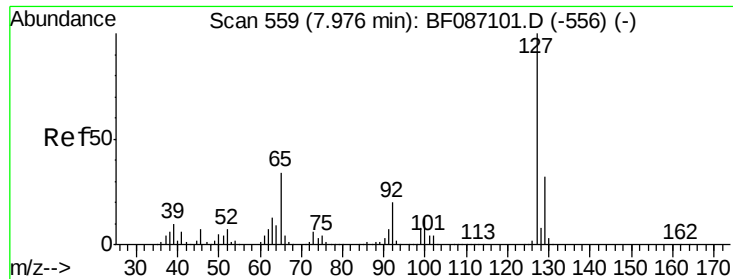


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

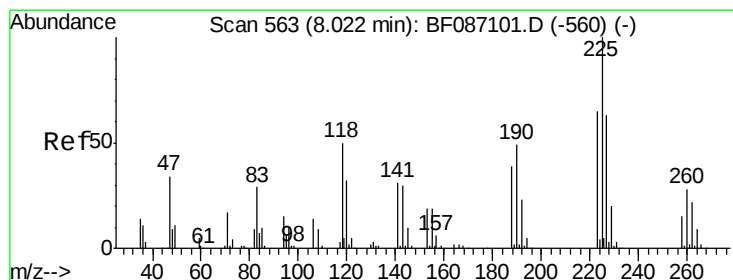
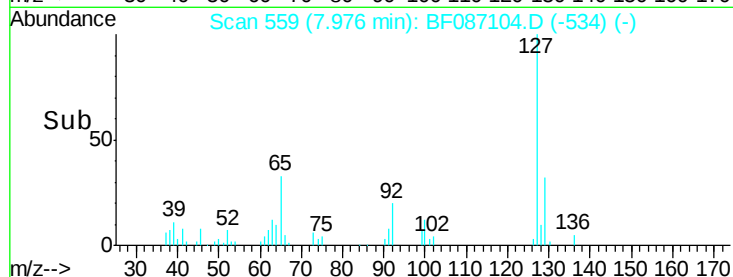
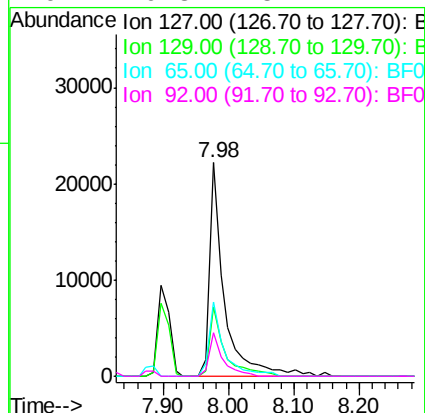
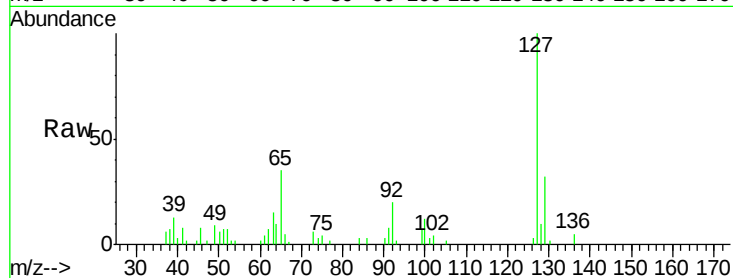




#33
4-Chloroaniline
Concen: 2.93 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

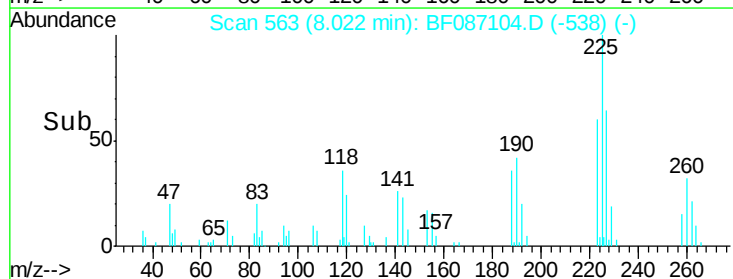
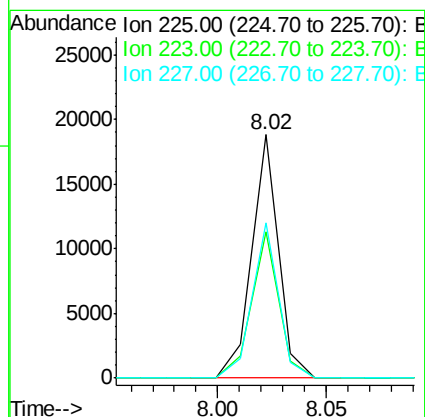
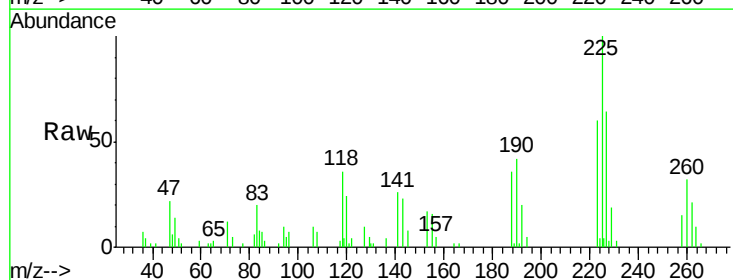
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

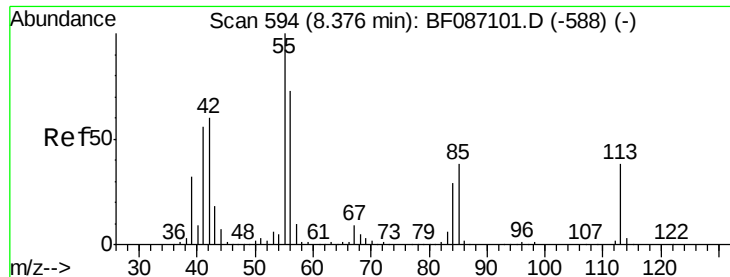
Tot Ion:	127	Resp:	34978
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	34.6	23.0	34.4
92	20.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 2.98 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:	225	Resp:	16007
Ion	Ratio	Lower	Upper
225	100		
223	60.1	51.5	77.3
227	63.7	52.2	78.2

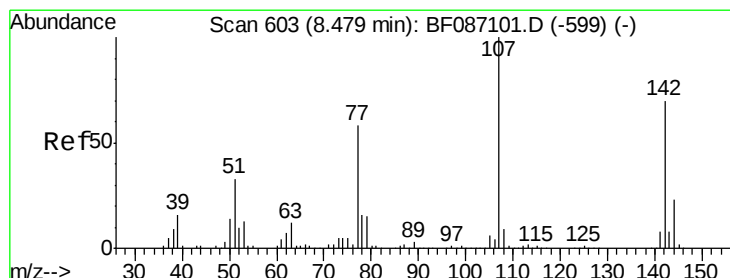
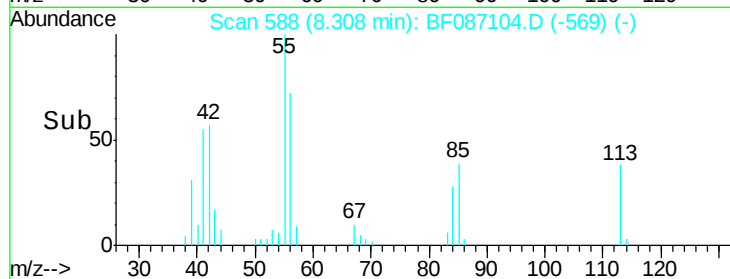
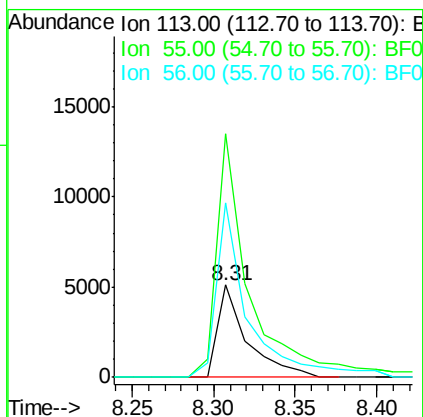
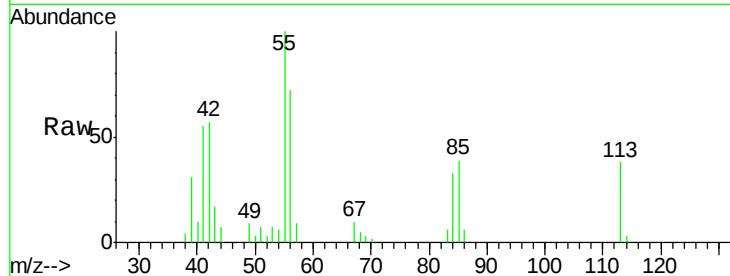




#35
 Caprolactam
 Concen: 2.28 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.08 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

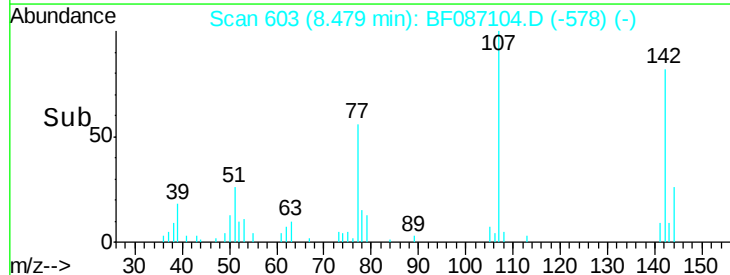
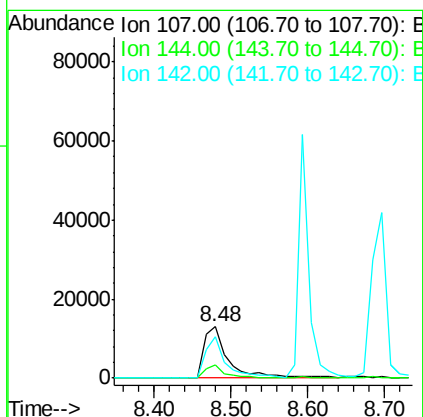
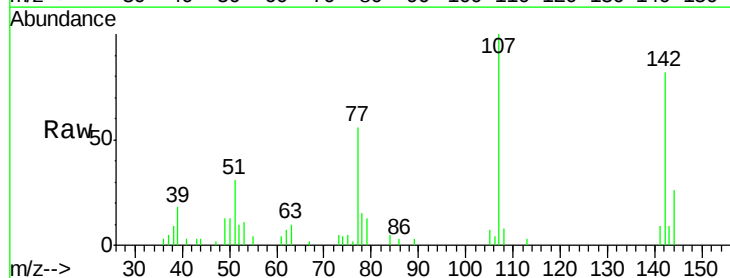
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

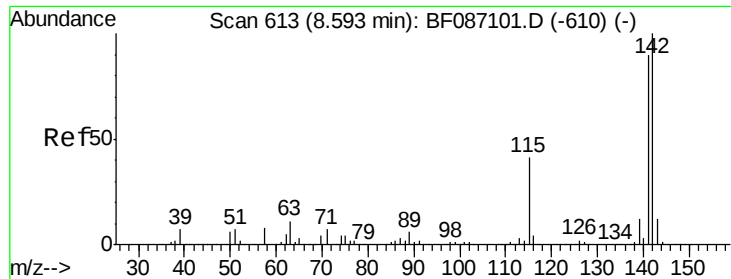
Tot Ion:113 Resp: 6421
 Ion Ratio Lower Upper
 113 100
 55 264.2 162.0 202.0#
 56 189.7 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 2.79 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Tgt Ion:107 Resp: 28048
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.7 31.1
 142 81.5 63.2 94.8

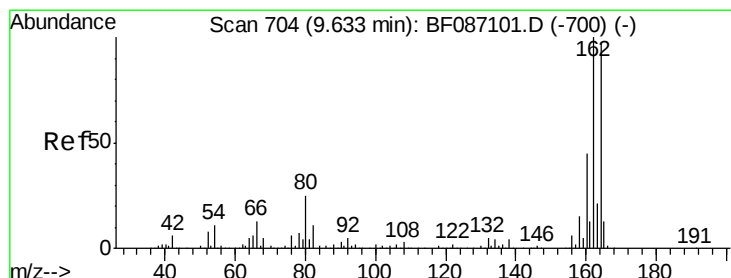
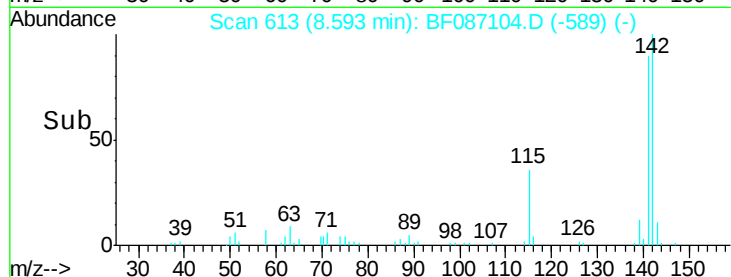
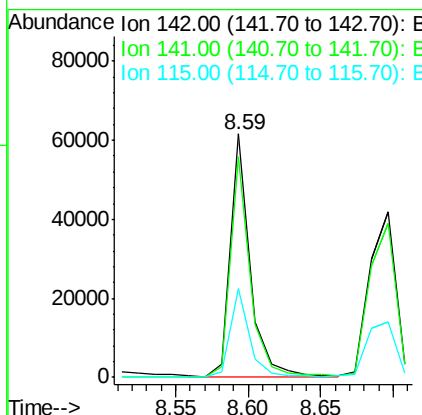
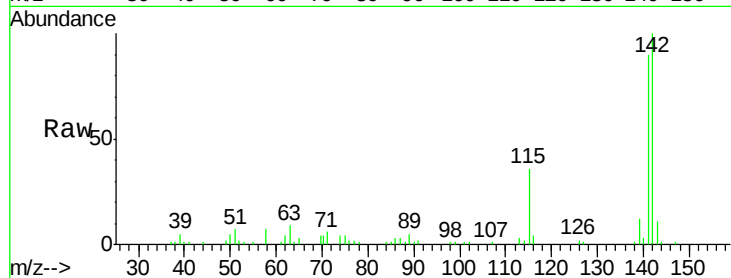




#37
 2-Methylnaphthalene
 Concen: 3.27 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

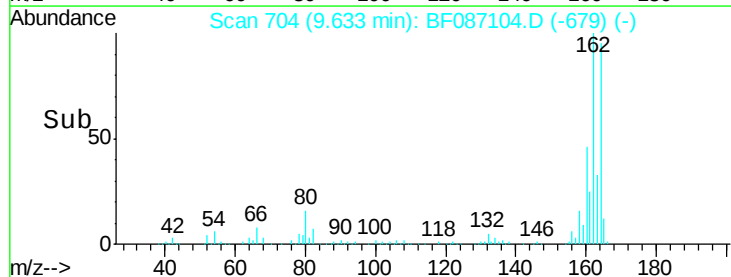
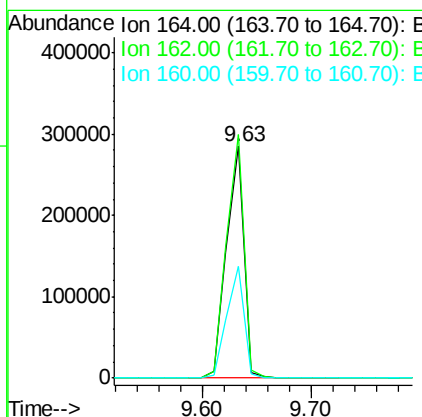
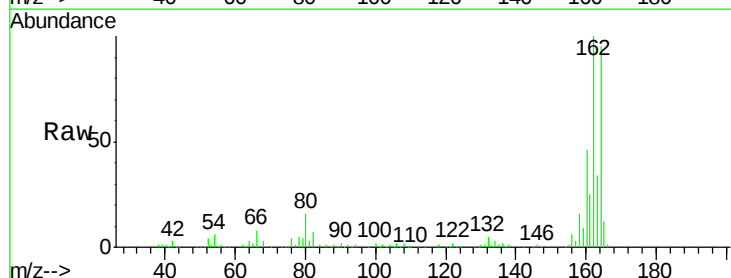
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

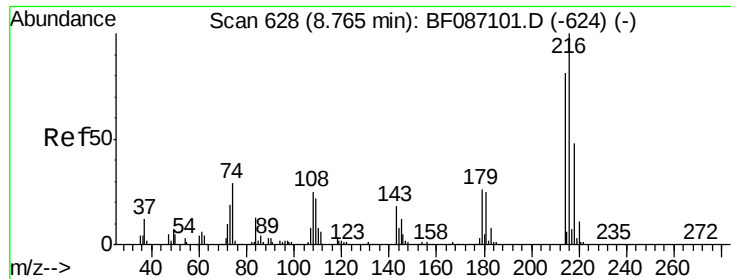
Tot Ion:142 Resp: 58803
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.0 106.6
 115 36.2 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Tgt Ion:164 Resp: 315354
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.8 124.2
 160 48.5 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.77 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion:216 Resp: 25411

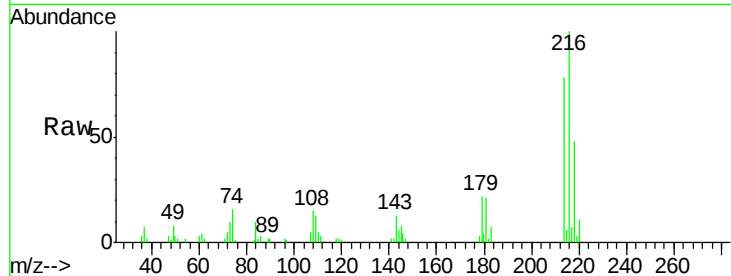
Ion Ratio Lower Upper

216 100

214 79.0 62.6 93.8

179 22.8 18.2 27.4

108 19.3 17.5 26.3

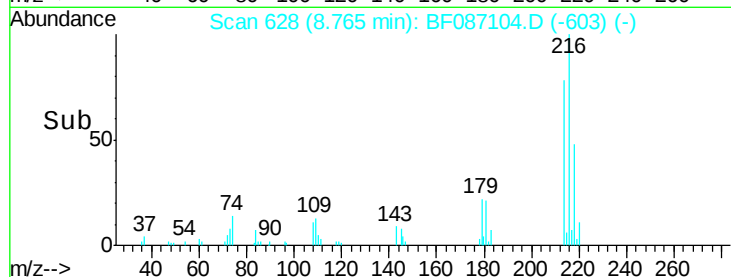


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

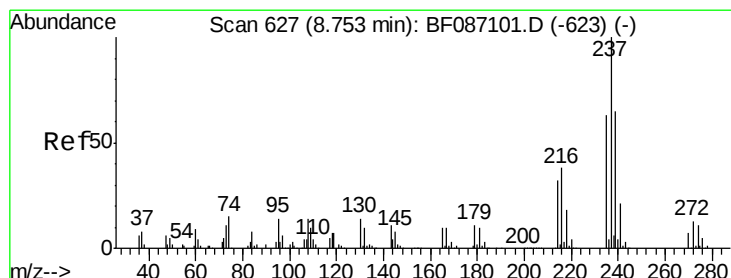
Ion 108.00 (107.70 to 108.70): E



Abundance

8.76

Time-->



#40

Hexachlorocyclopentadiene

Concen: 0.21 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

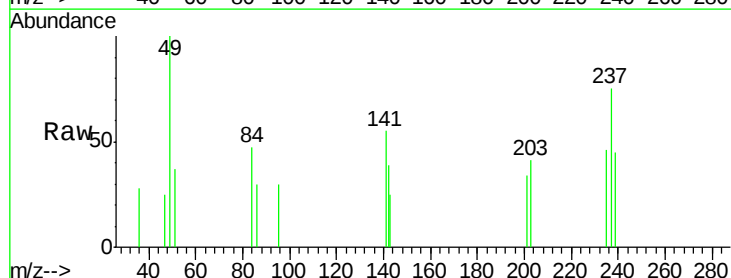
Tgt Ion:237 Resp: 906

Ion Ratio Lower Upper

237 100

235 61.1 47.2 87.2

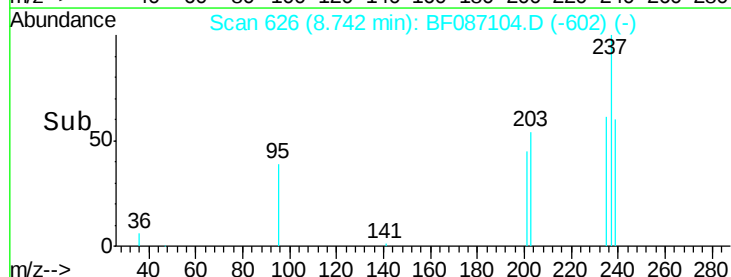
272 0.0 0.0 31.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

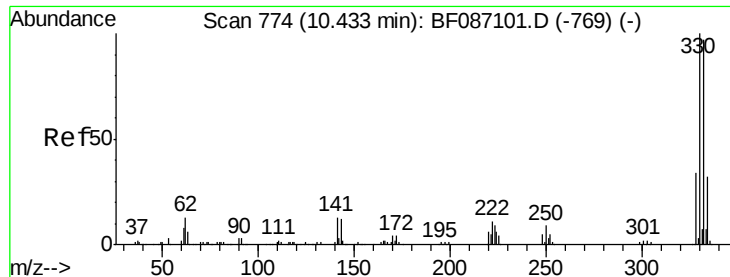
Ion 271.75 (271.45 to 272.45): E



Abundance

8.74

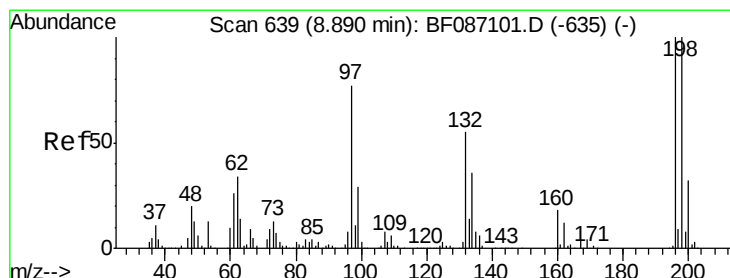
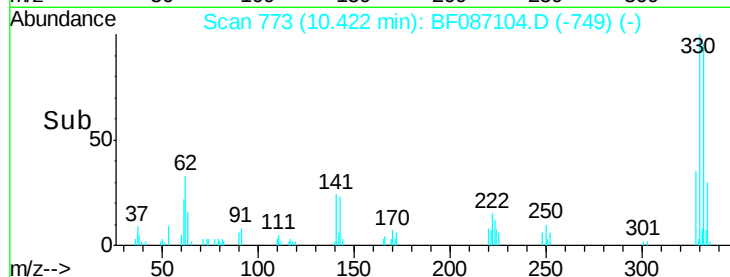
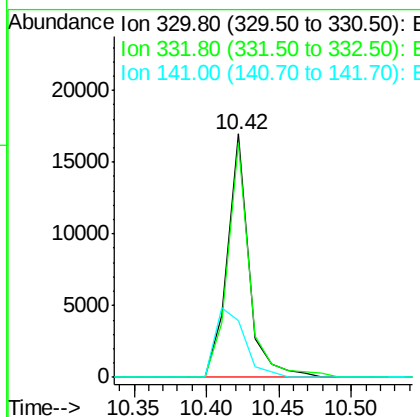
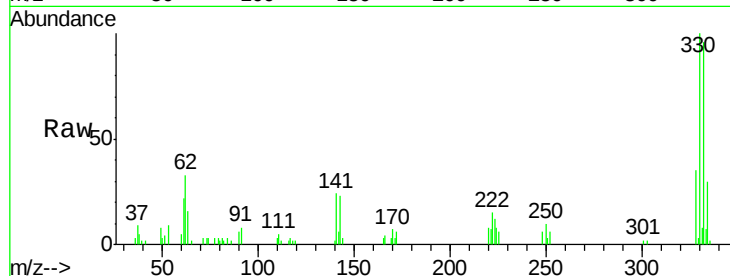
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 5.29 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

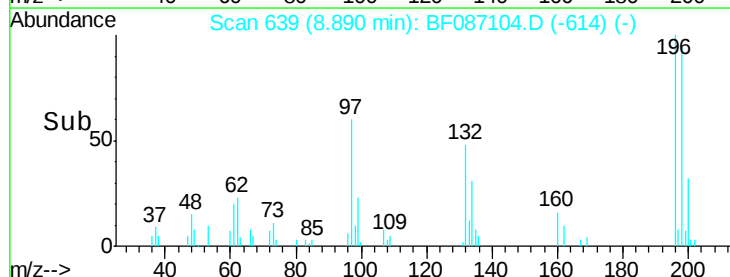
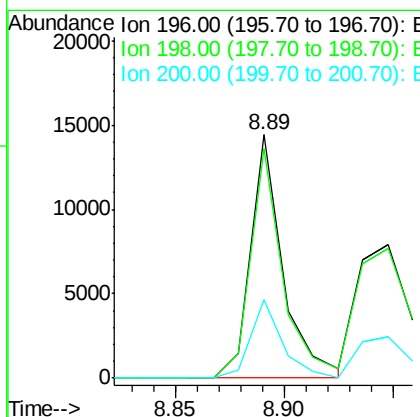
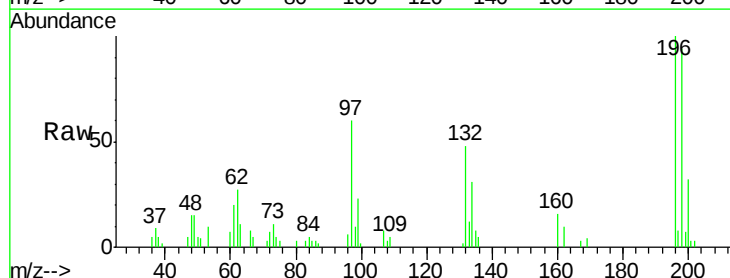
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

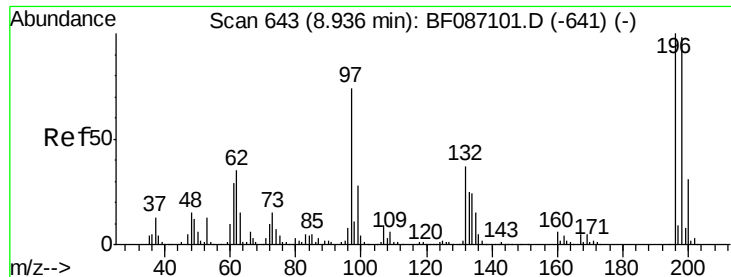
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	38.5	31.2	46.8



#42
 2,4,6-Trichlorophenol
 Concen: 2.43 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.7	112.1
200	32.4	23.8	35.6

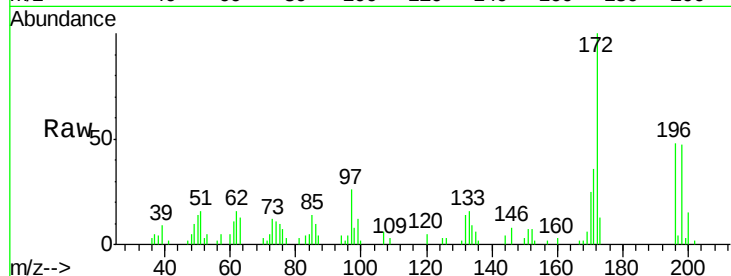




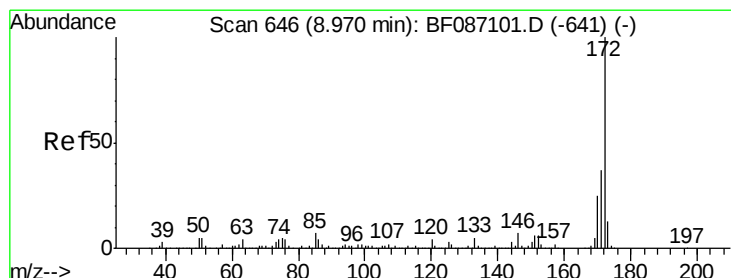
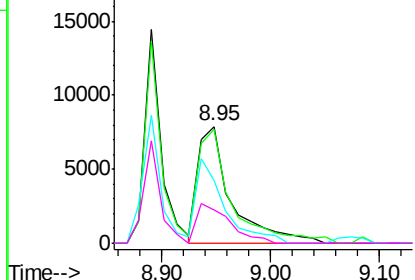
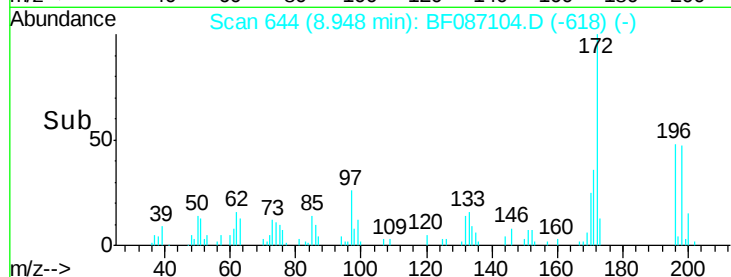
#43
 2,4,5-Trichlorophenol
 Concen: 2.69 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:196 Resp: 17081
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.5 116.3
 97 53.9 34.8 52.2#
 132 28.7 23.0 34.4

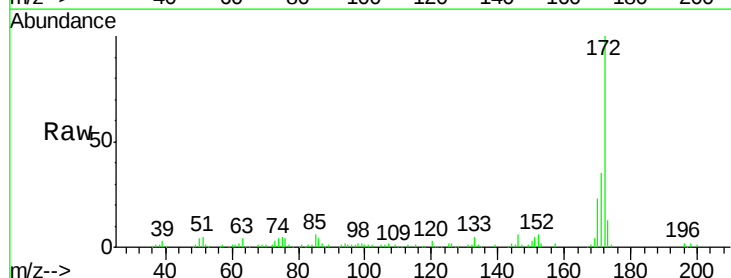


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

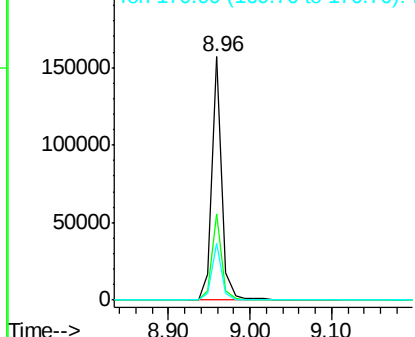
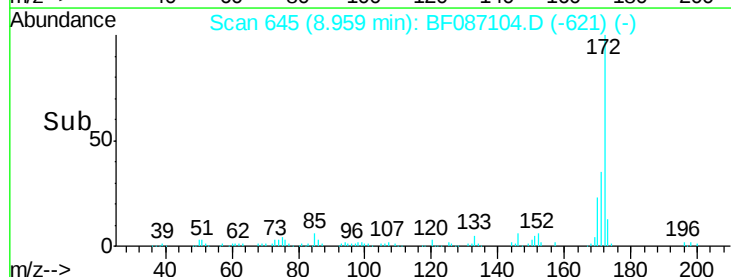


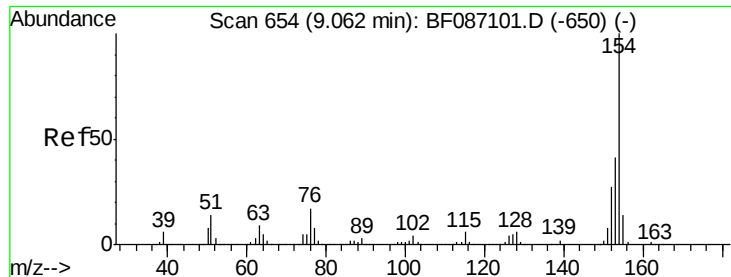
#44
 2-Fluorobiphenyl
 Concen: 7.27 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Tgt Ion:172 Resp: 136335
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 23.4 19.8 29.8



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

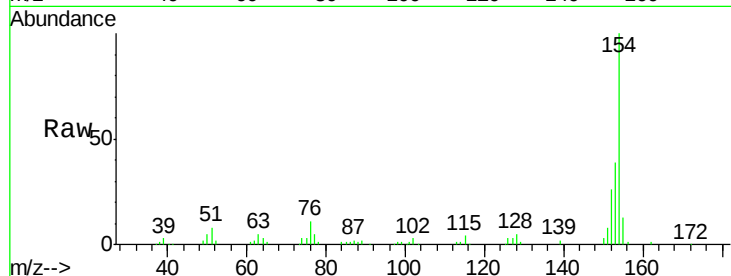




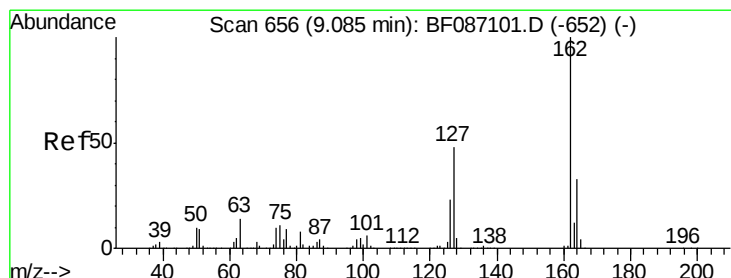
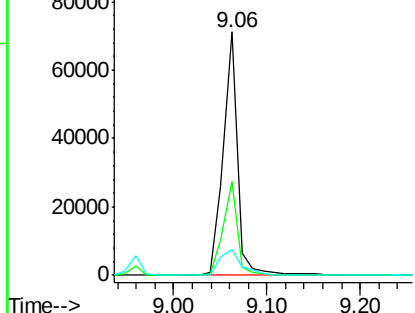
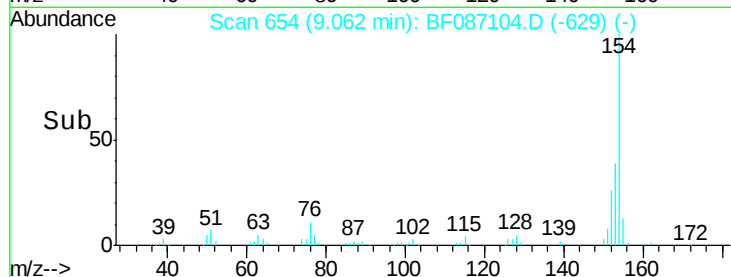
#45
 1,1'-Biphenyl
 Concen: 3.01 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.5	20.3	60.3
76	10.9	0.0	30.2

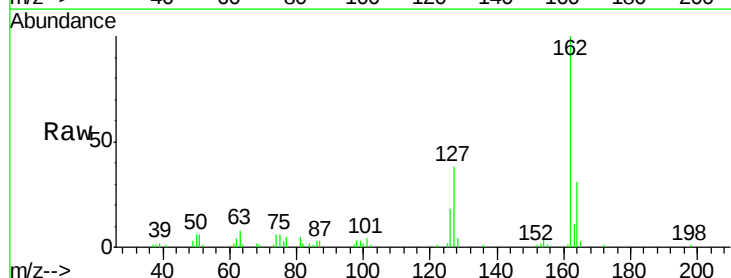


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

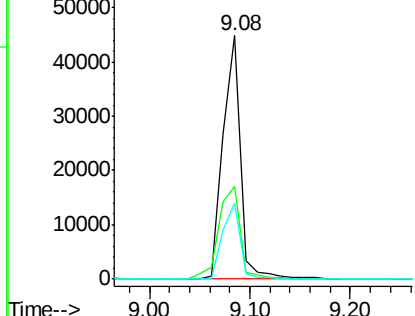
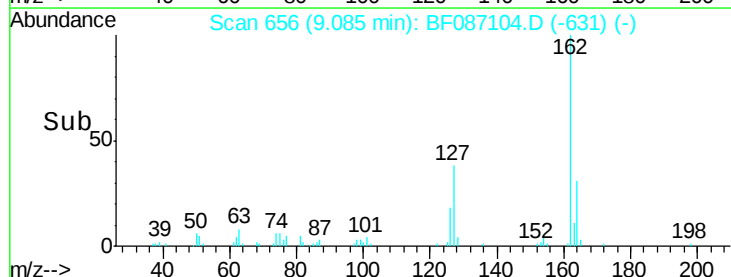


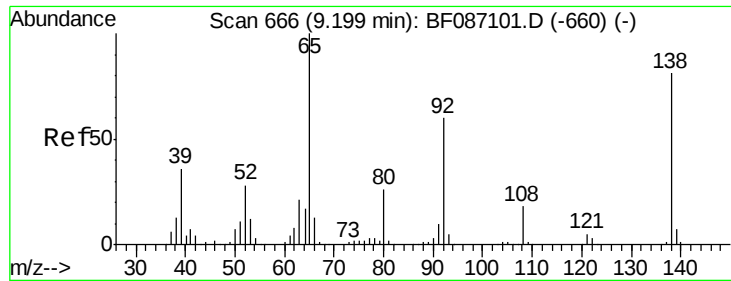
#46
 2-Chloronaphthalene
 Concen: 2.77 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.8	47.6
164	31.2	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

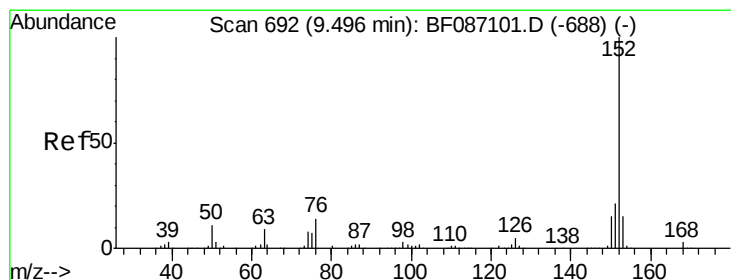
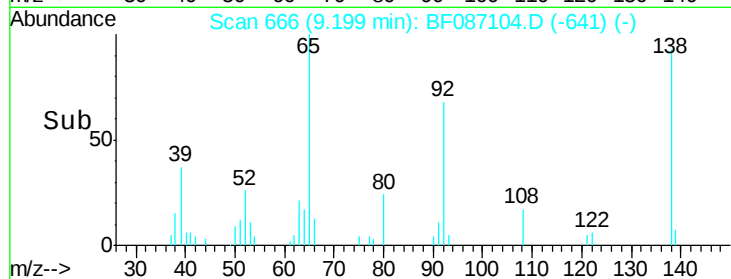
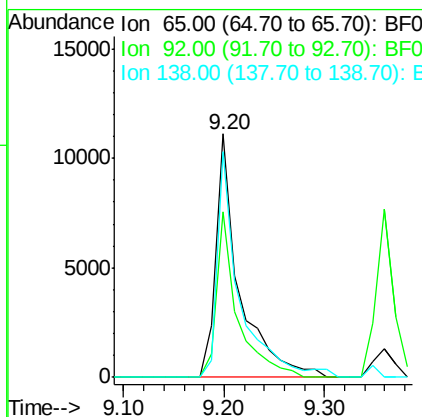
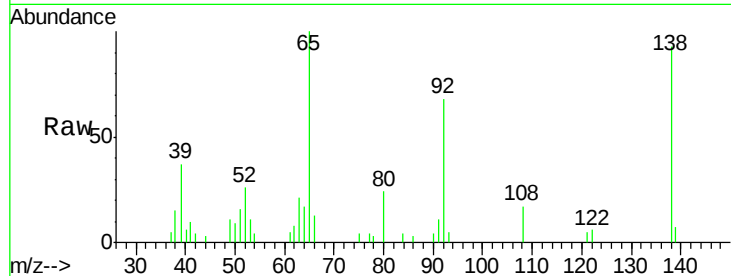




#47
 2-Nitroaniline
 Concen: 2.50 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

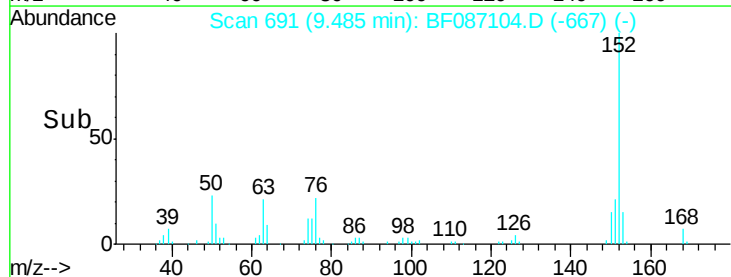
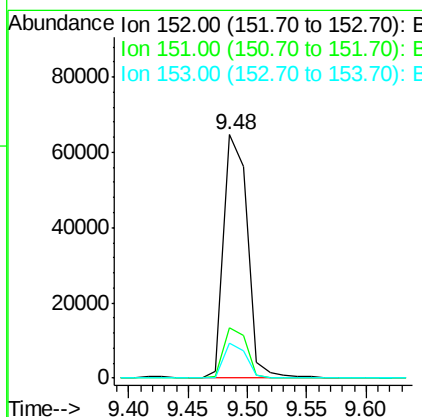
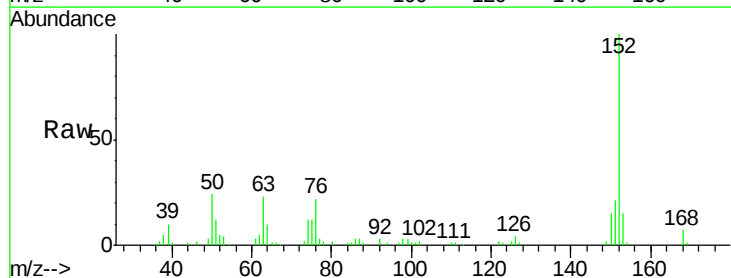
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

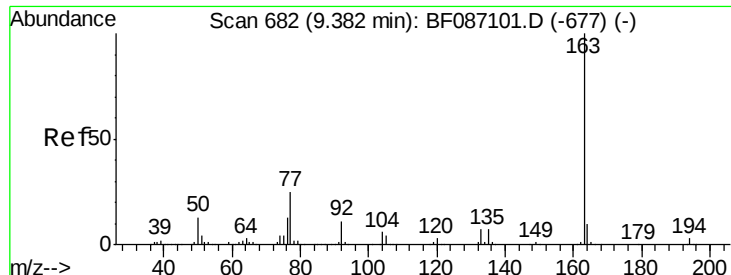
Tot Ion: 65 Resp: 17960
 Ion Ratio Lower Upper
 65 100
 92 68.0 57.4 86.2
 138 92.8 90.1 135.1



#48
 Acenaphthylene
 Concen: 3.09 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Tgt Ion: 152 Resp: 89213
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 14.5 10.9 16.3

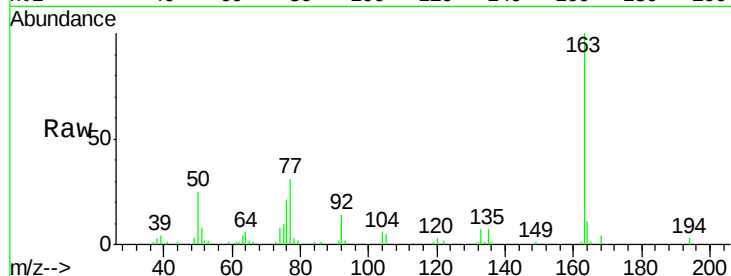




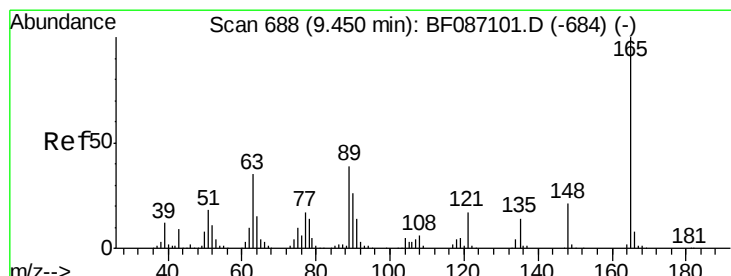
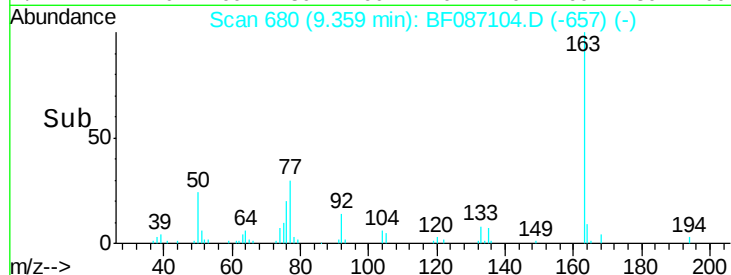
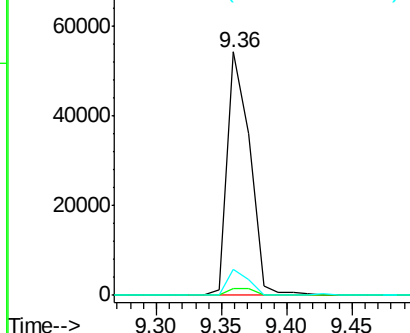
#49
Dimethylphthalate
Concen: 2.72 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion:163 Resp: 65322
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.9 8.2 12.4

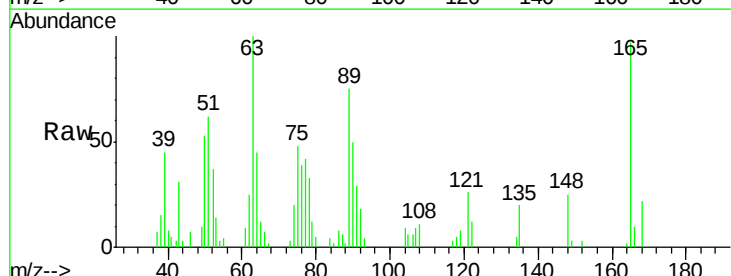


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

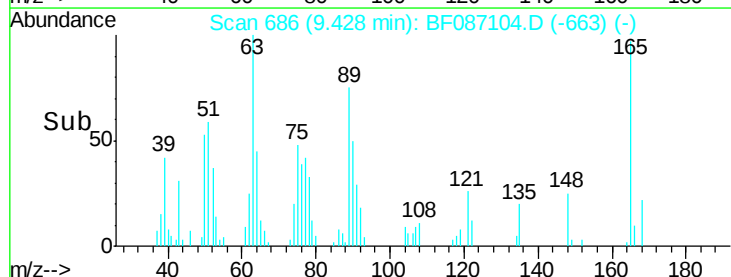
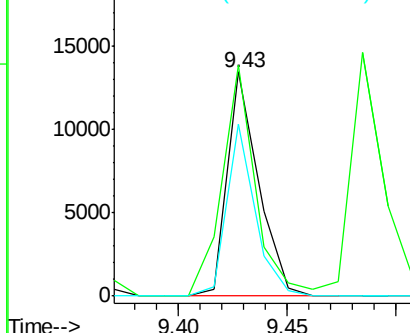


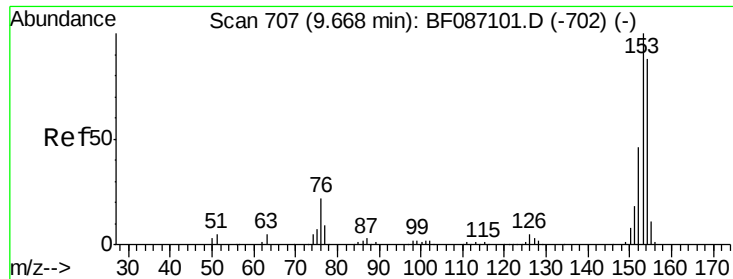
#50
2,6-Dinitrotoluene
Concen: 2.63 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:165 Resp: 13318
Ion Ratio Lower Upper
165 100
63 102.7 51.8 77.8#
89 76.8 50.7 76.1#



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





#51

Acenaphthene

Concen: 3.10 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

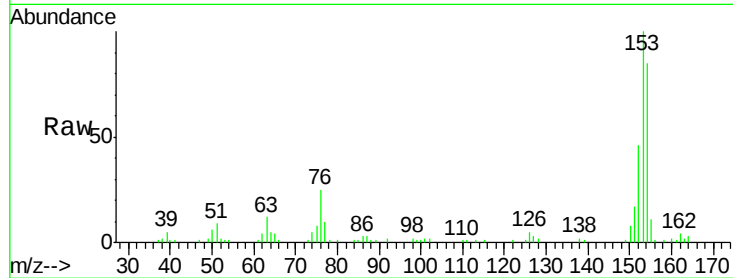
Tot Ion:154 Resp: 55739

Ion Ratio Lower Upper

154 100

153 117.1 89.8 134.6

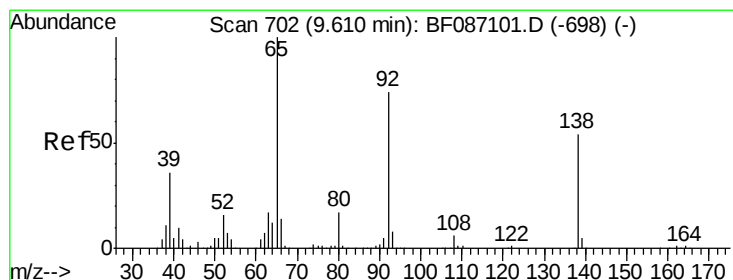
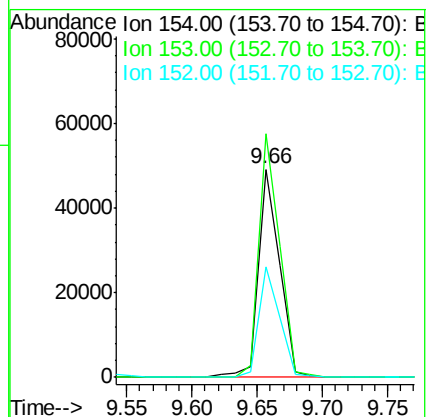
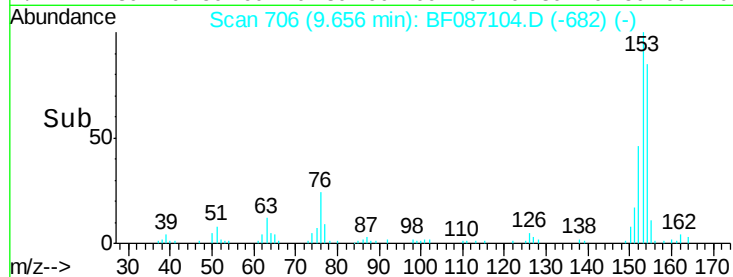
152 53.4 43.4 65.0



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: 2.55 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

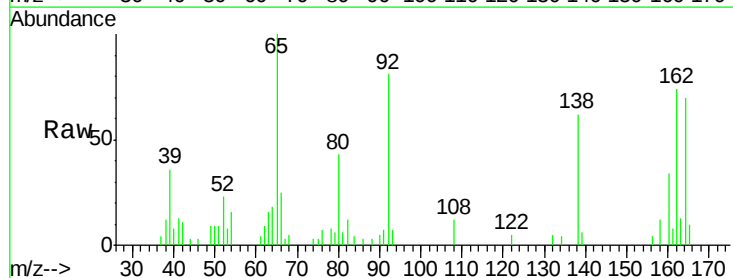
Tgt Ion:138 Resp: 13581

Ion Ratio Lower Upper

138 100

108 19.3 7.8 11.6#

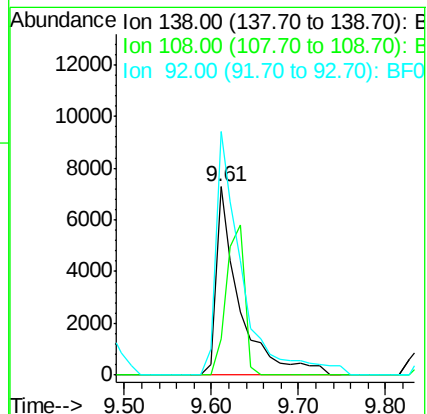
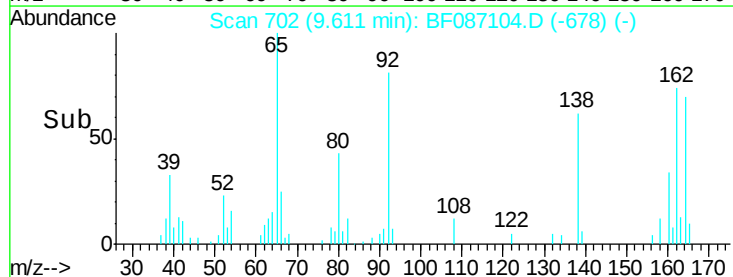
92 129.5 87.8 131.8

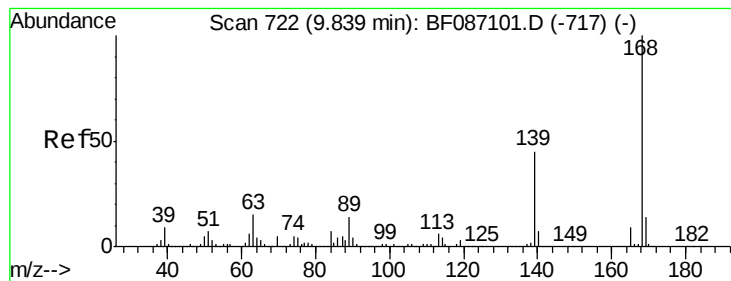


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzenofuran

Concen: 3.17 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

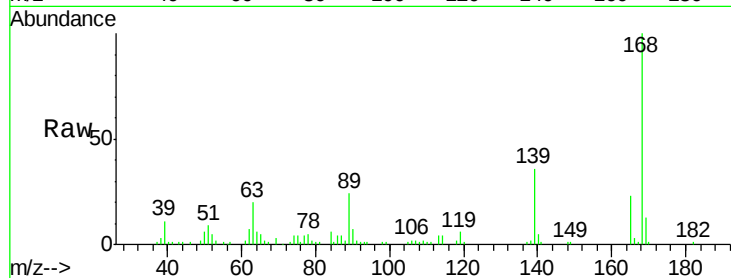
Tot Ion:168 Resp: 73238

Ion Ratio Lower Upper

168 100

139 36.4 31.4 47.0

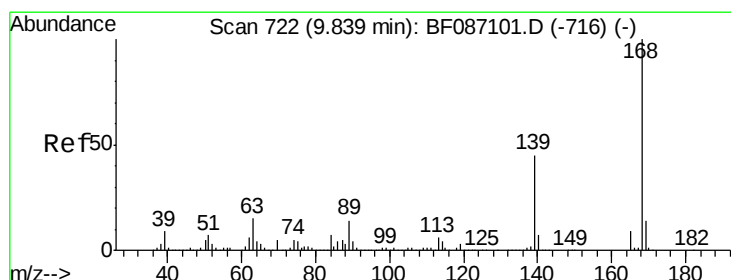
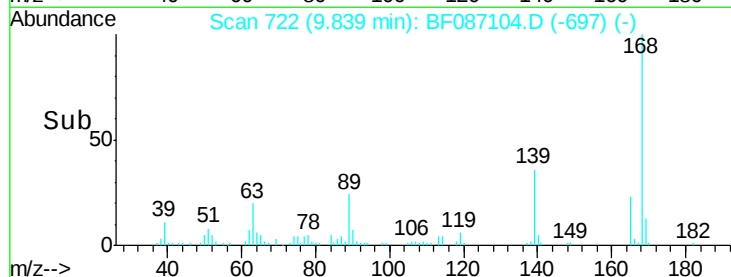
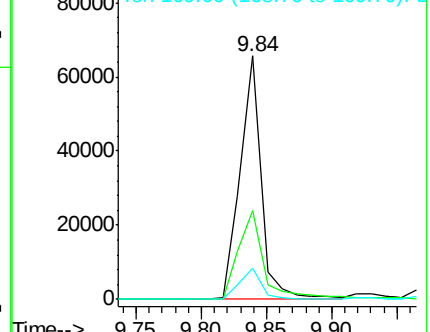
169 12.9 10.7 16.1



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: 10.57 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

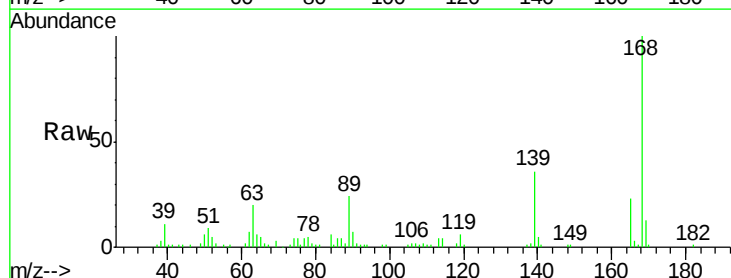
Tgt Ion:139 Resp: 33531

Ion Ratio Lower Upper

139 100

109 5.5 36.9 76.9#

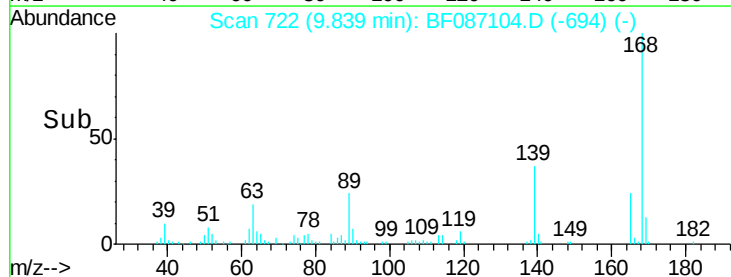
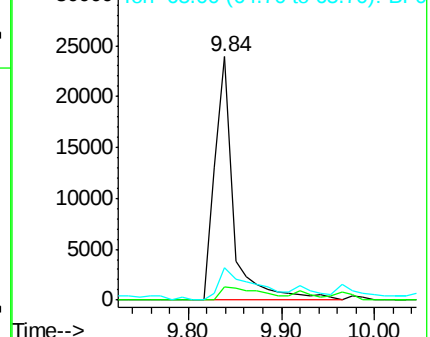
65 13.3 64.0 104.0#

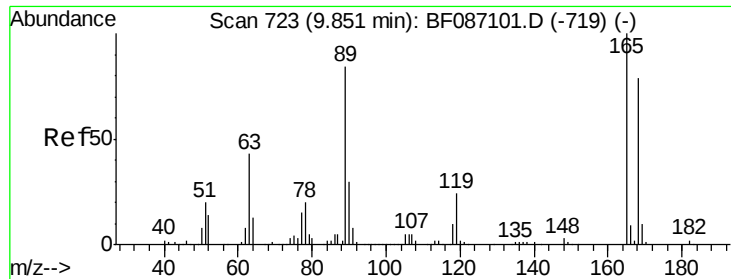


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

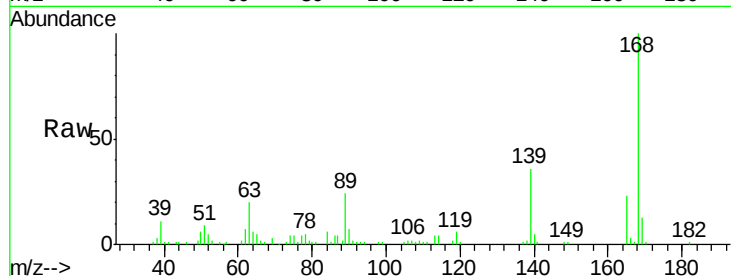




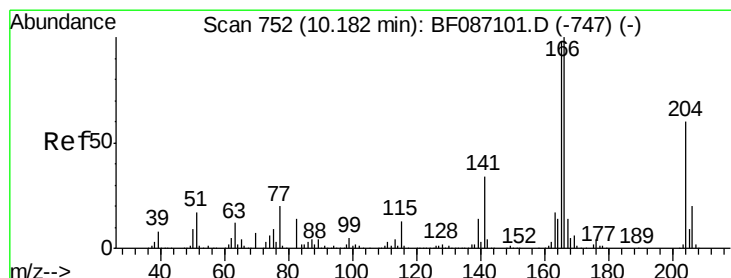
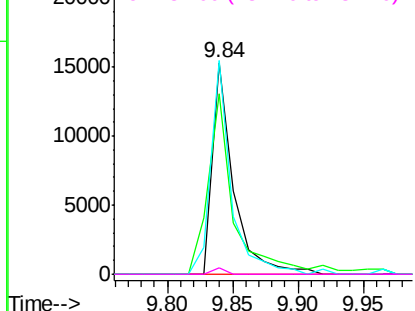
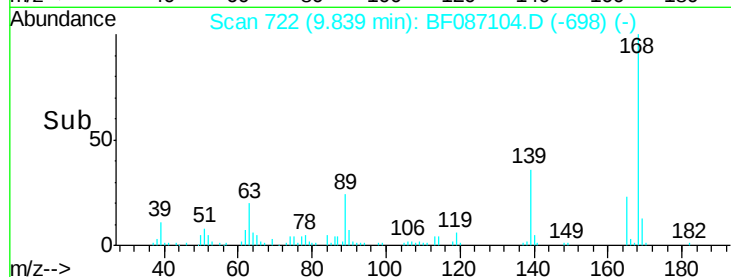
#56
2,4-Dinitrotoluene
Concen: 2.78 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion:165 Resp: 17402
Ion Ratio Lower Upper
165 100
63 85.3 44.3 66.5#
89 100.9 70.0 105.0
182 2.7 1.8 2.6#

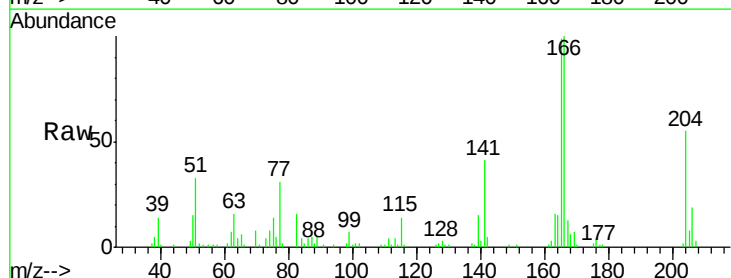


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

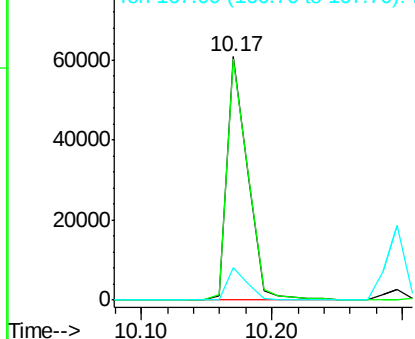
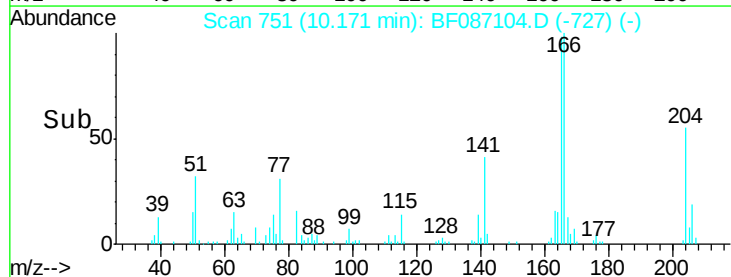


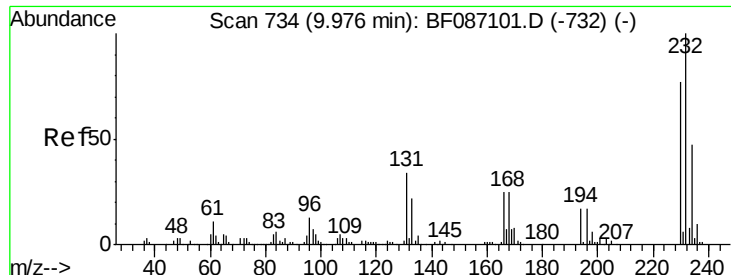
#57
Fluorene
Concen: 3.40 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:166 Resp: 66920
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.6
167 13.4 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

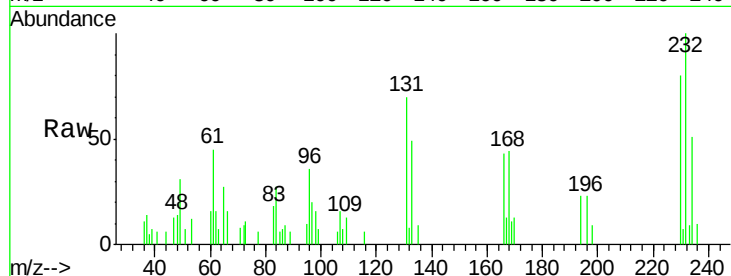




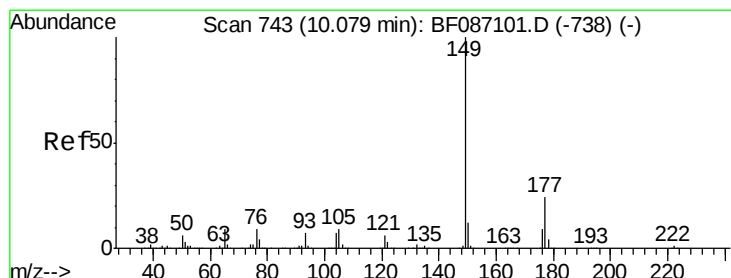
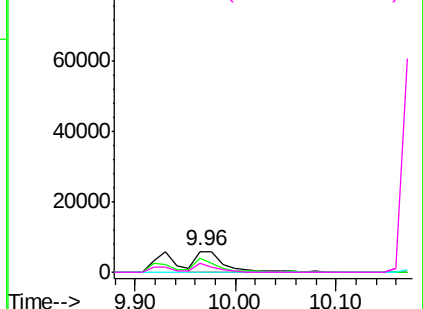
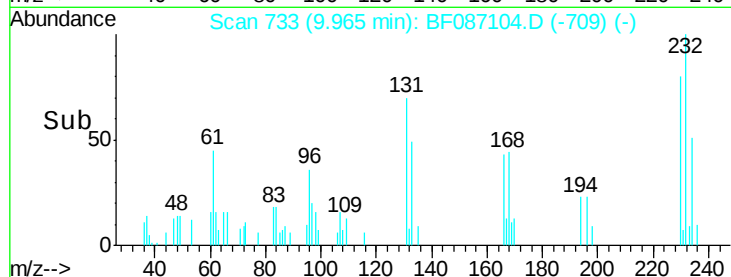
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.56 ng
 RT: 9.96 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:232 Resp: 12242
 Ion Ratio Lower Upper
 232 100
 131 51.0 41.9 62.9
 130 0.0 2.2 3.4#
 166 29.6 26.8 40.2

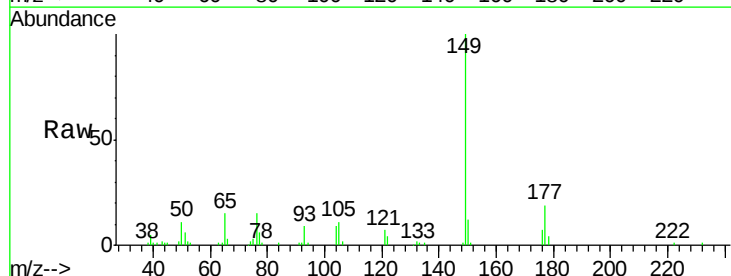


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

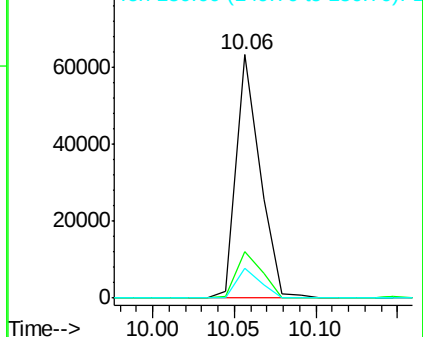
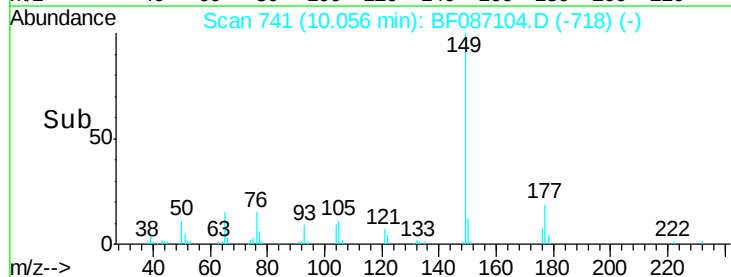


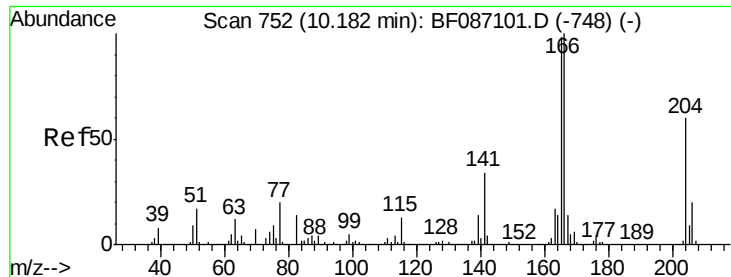
#59
 Diethylphthalate
 Concen: 2.72 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Tgt Ion:149 Resp: 63774
 Ion Ratio Lower Upper
 149 100
 177 19.2 16.6 24.8
 150 12.1 10.0 15.0



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

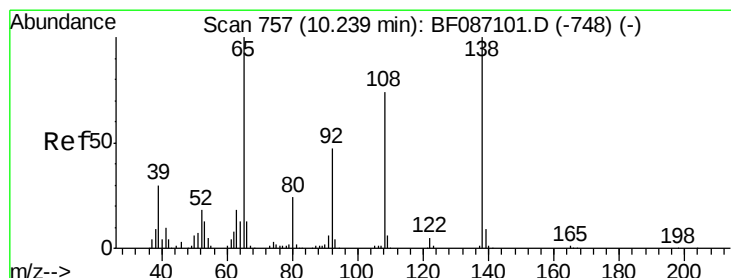
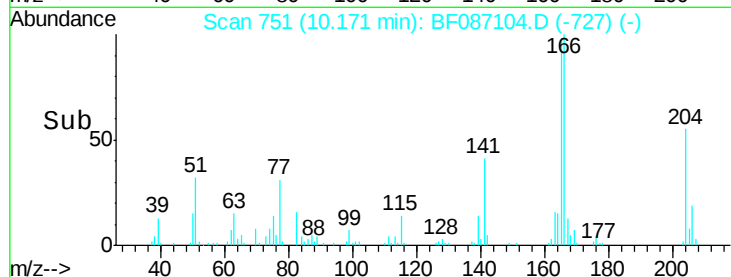
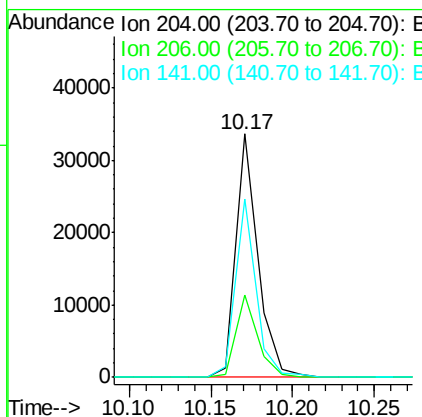
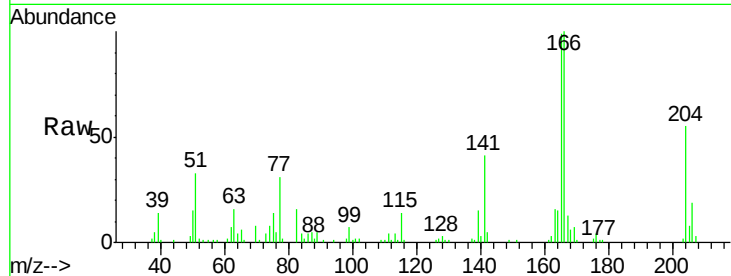




#60
 4-Chlorophenyl-phenylether
 Concen: 3.11 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

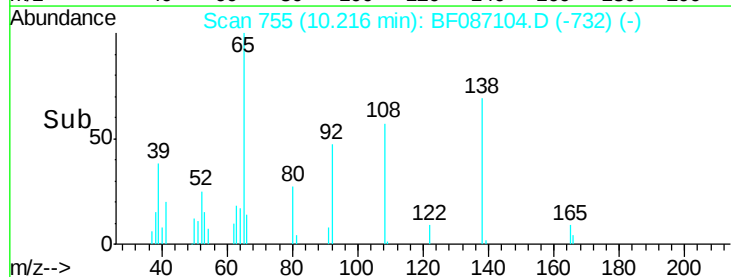
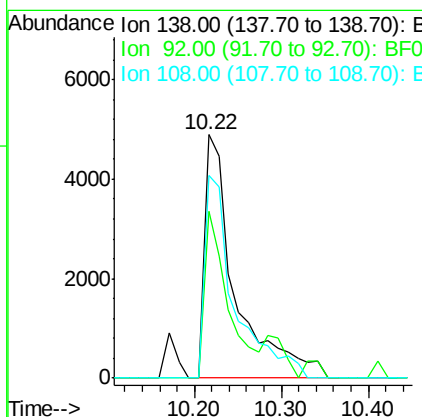
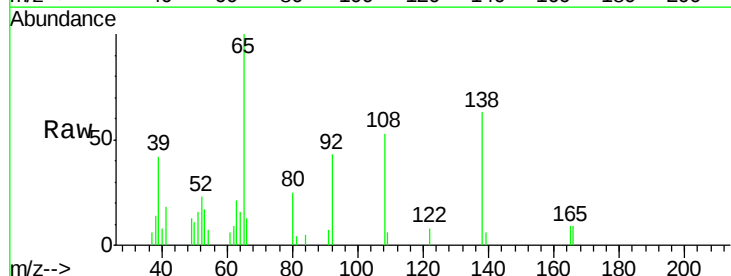
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

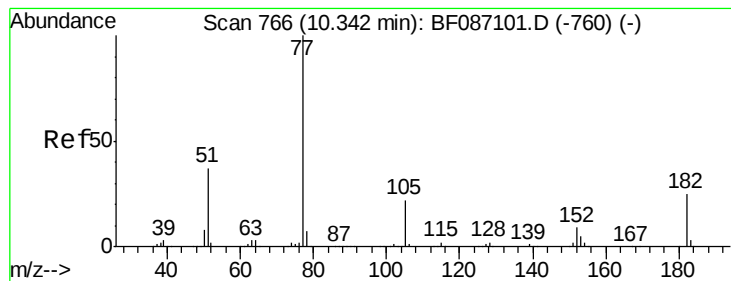
Tot Ion:204 Resp: 31147
 Ion Ratio Lower Upper
 204 100
 206 33.9 25.4 38.0
 141 73.2 61.6 92.4



#61
 4-Nitroaniline
 Concen: 2.35 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Tgt Ion:138 Resp: 12016
 Ion Ratio Lower Upper
 138 100
 92 68.5 24.7 64.7#
 108 83.3 37.4 77.4#





#62

Azobenzene

Concen: 3.10 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion: 77 Resp: 78346

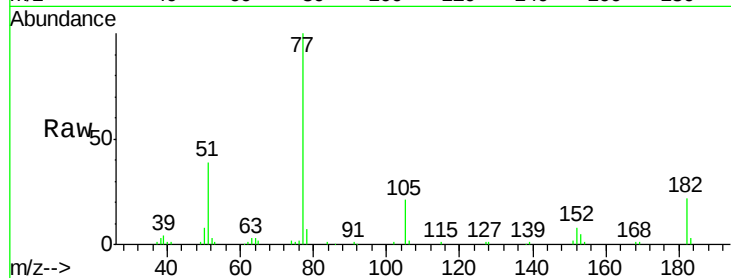
Ion Ratio Lower Upper

77 100

182 21.8 0.0 38.8

105 21.1 3.2 43.2

51 38.6 8.8 48.8



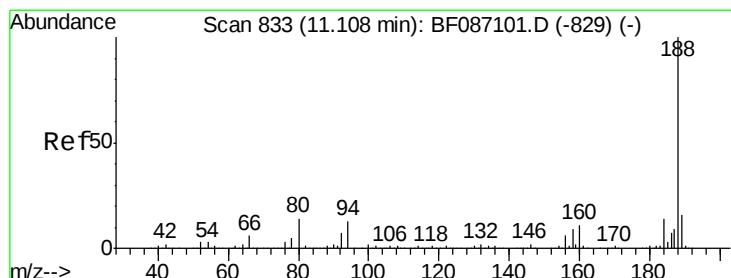
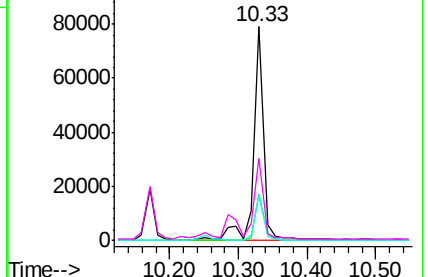
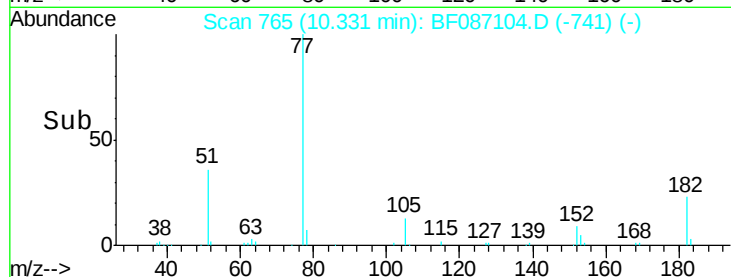
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

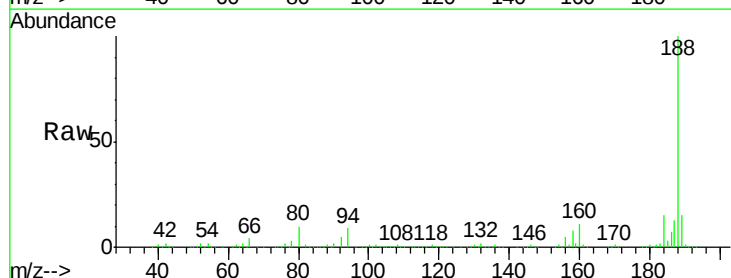
Tgt Ion: 188 Resp: 632326

Ion Ratio Lower Upper

188 100

94 9.2 6.8 10.2

80 10.2 7.1 10.7

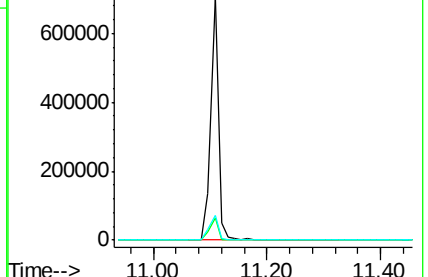
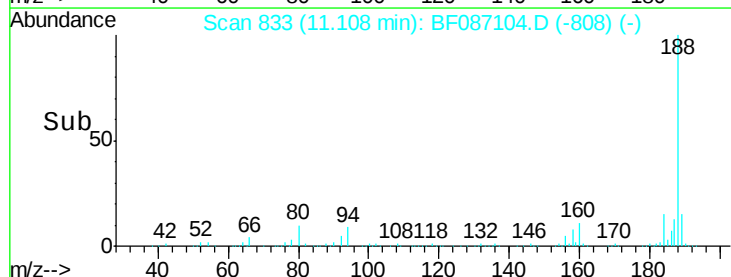


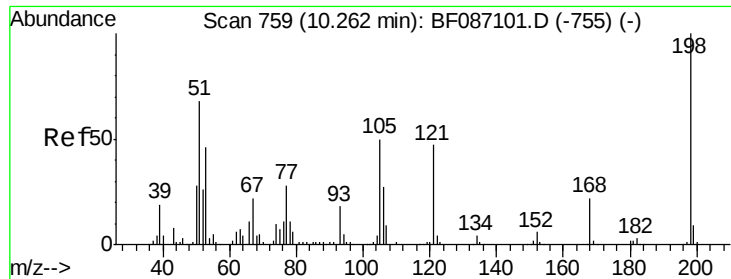
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->





#64

4,6-Dinitro-2-methylphenol

Concen: 0.99 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

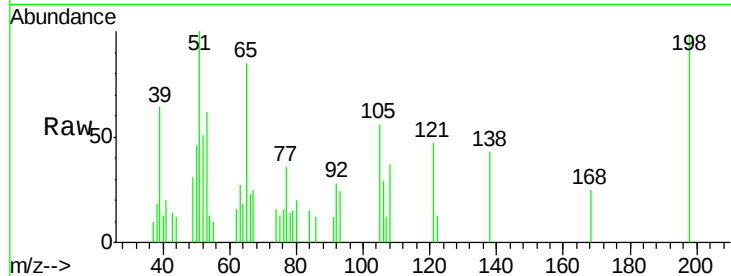
Tot Ion:198 Resp: 3882

Ion Ratio Lower Upper

198 100

51 101.0 20.5 60.5#

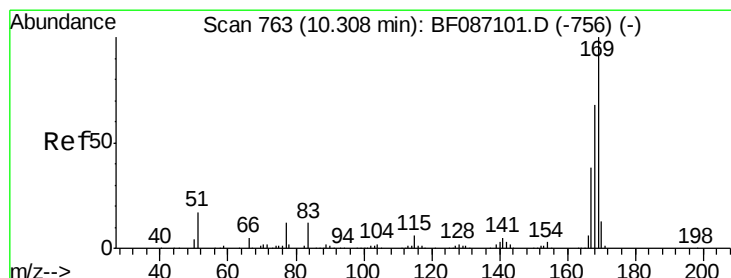
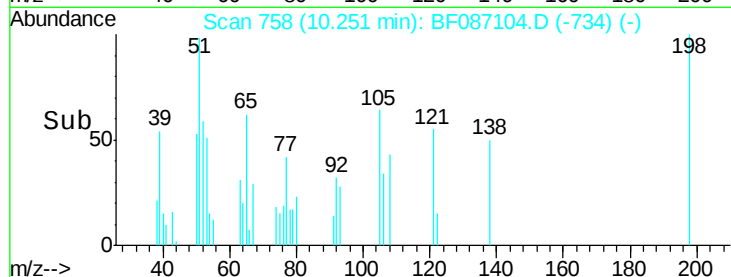
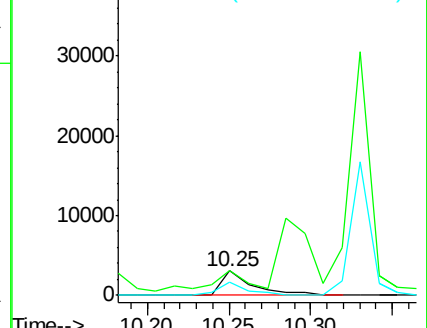
105 56.1 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 2.69 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

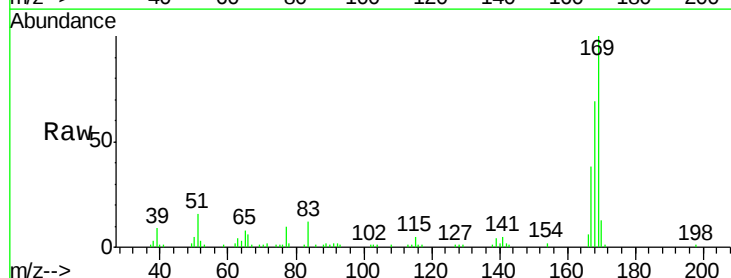
Tgt Ion:169 Resp: 52352

Ion Ratio Lower Upper

169 100

168 68.6 53.8 80.6

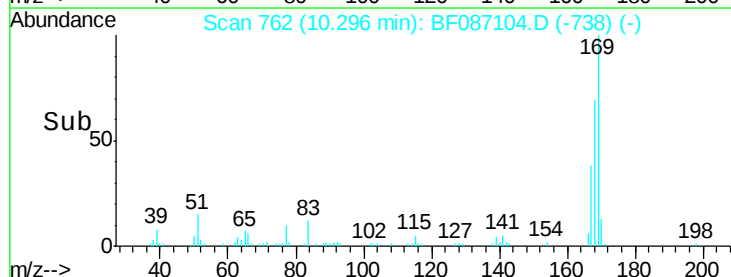
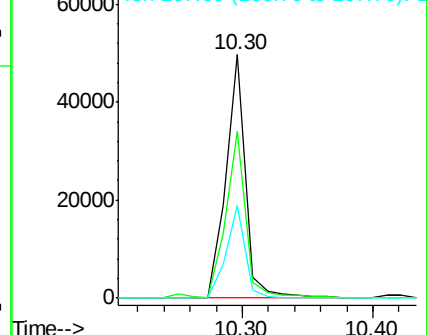
167 37.8 29.5 44.3

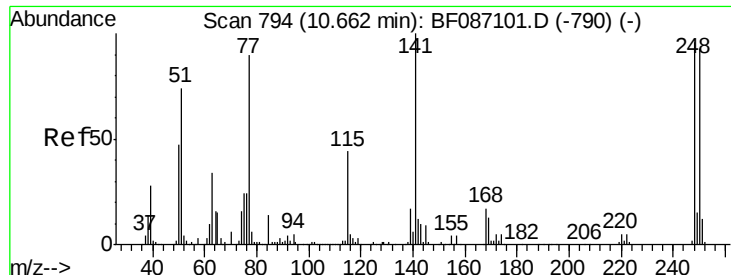


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

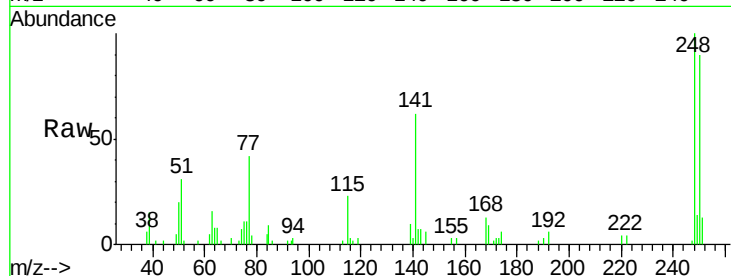




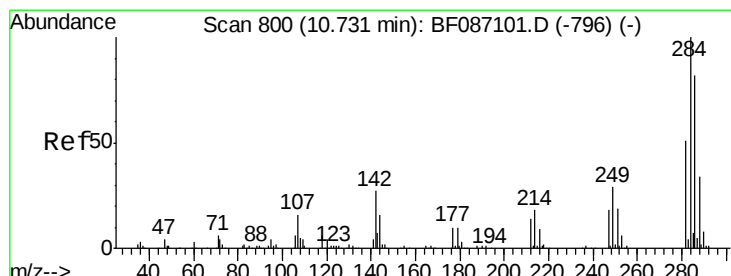
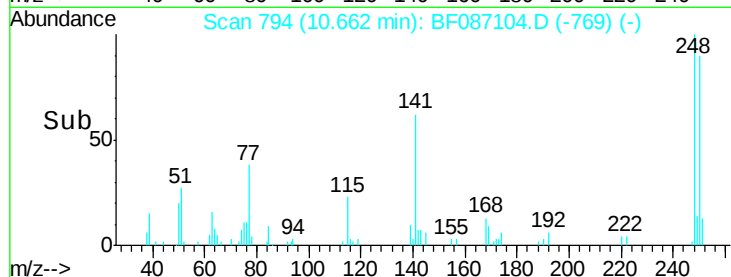
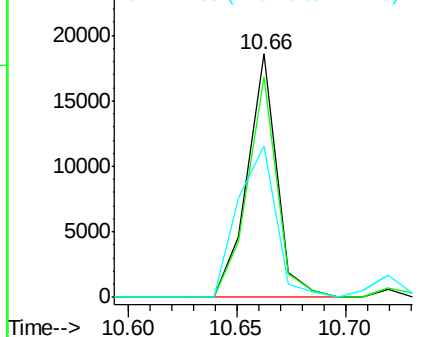
#66
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion:248 Resp: 17556
Ion Ratio Lower Upper
248 100
250 90.4 78.6 117.8
141 62.0 76.0 114.0#

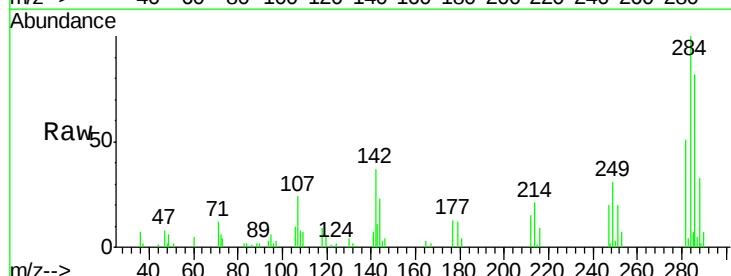


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

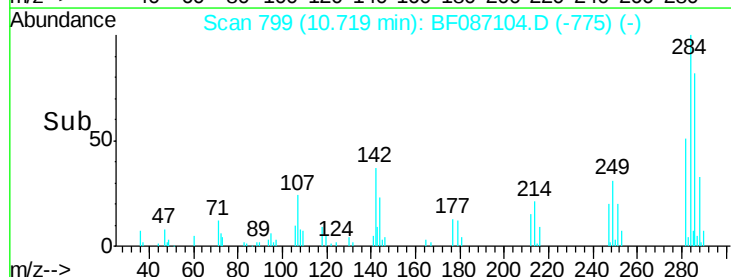
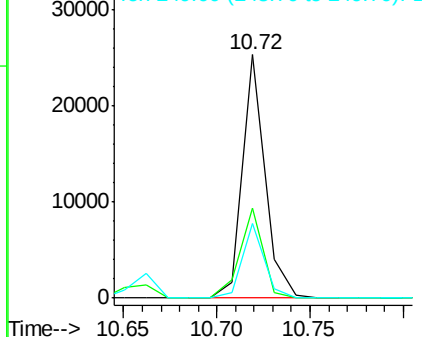


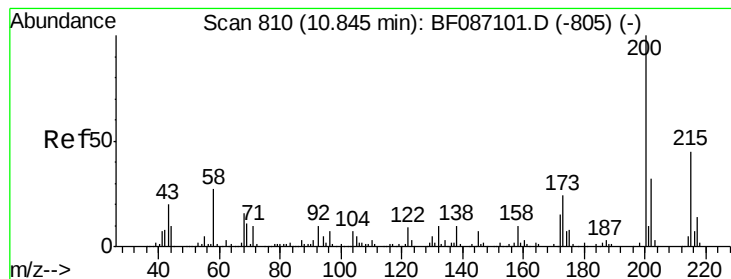
#67
Hexachlorobenzene
Concen: 2.86 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:284 Resp: 21445
Ion Ratio Lower Upper
284 100
142 36.8 16.7 25.1#
249 30.8 21.3 31.9



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: 2.67 ng

RT: 10.82 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

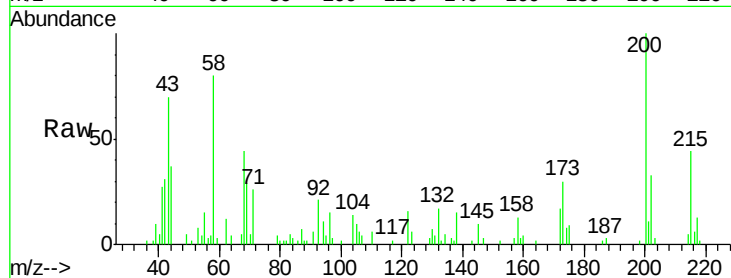
Tot Ion:200 Resp: 17323

Ion Ratio Lower Upper

200 100

173 29.7 8.5 48.5

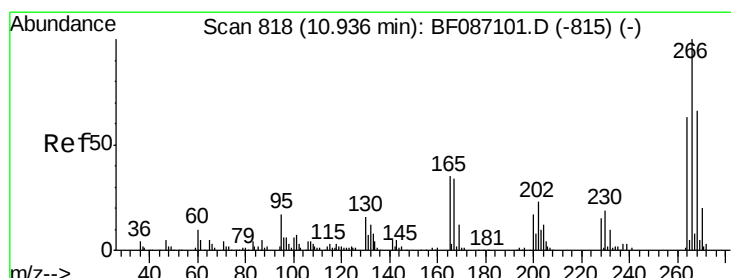
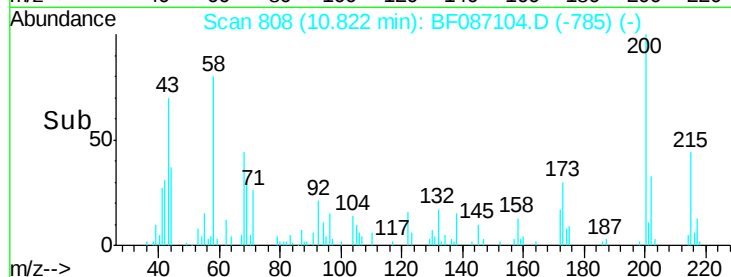
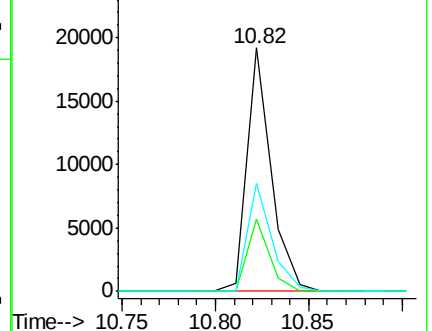
215 44.4 27.2 67.2



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: 0.54 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

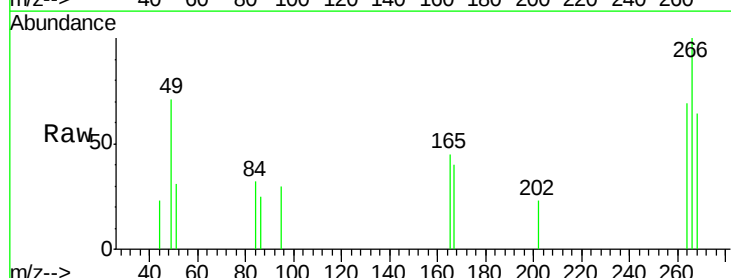
Tgt Ion:266 Resp: 1857

Ion Ratio Lower Upper

266 100

268 63.7 51.5 77.3

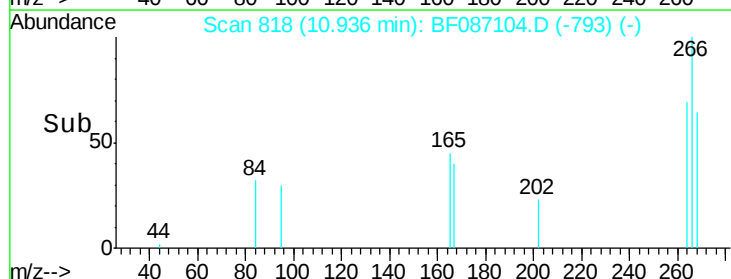
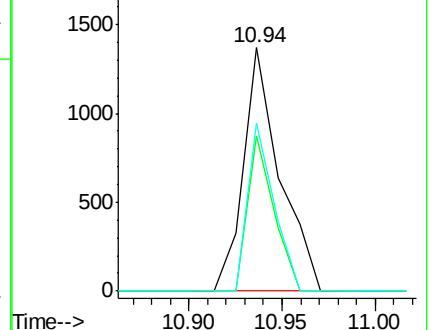
264 68.8 52.9 79.3

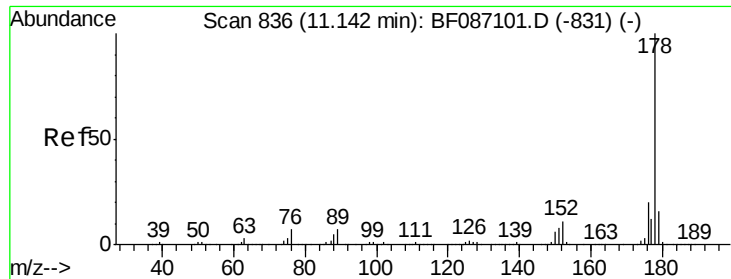


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

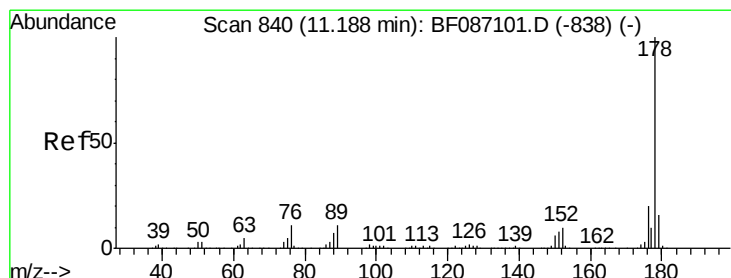
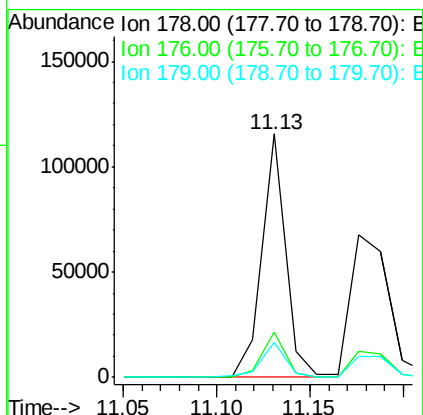
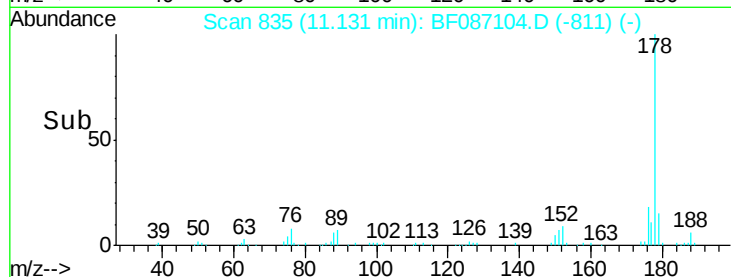
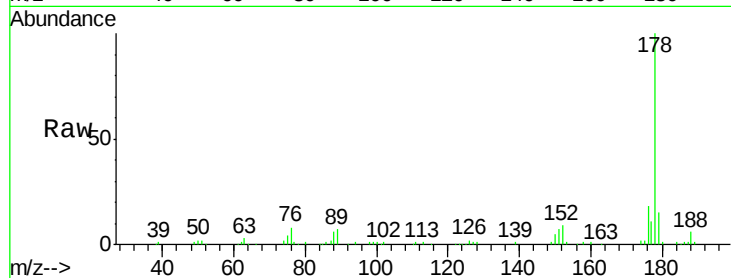




#70
Phenanthrene
Concen: 3.04 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

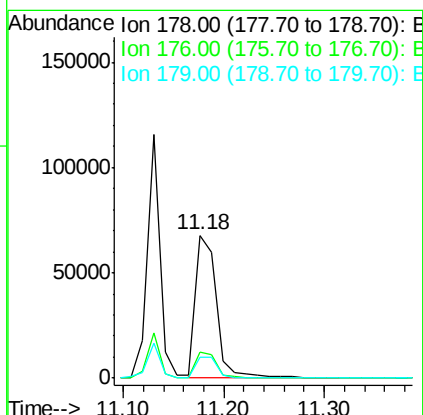
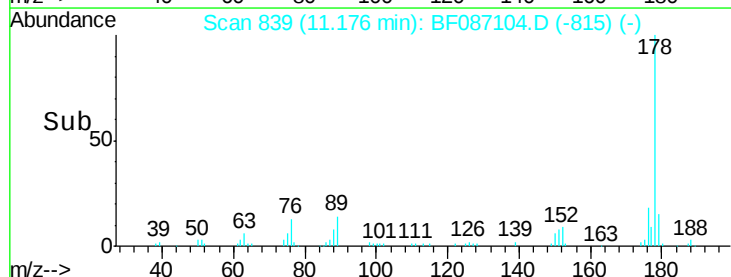
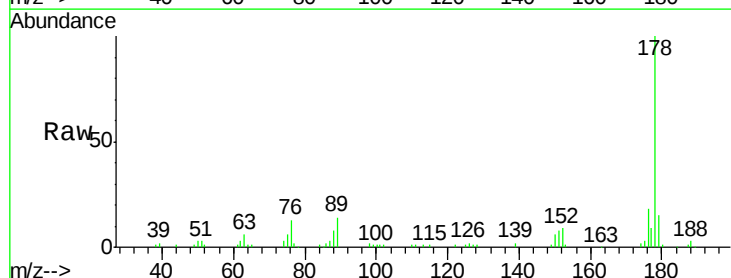
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

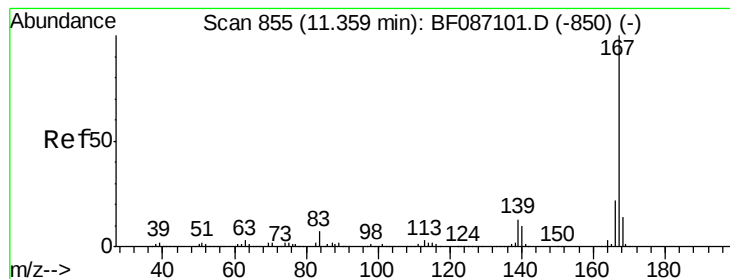
Tot Ion:178 Resp: 102444
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 14.6 12.6 18.8



#71
Anthracene
Concen: 2.87 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:178 Resp: 99066
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 14.7 12.7 19.1





#72

Carbazole

Concen: 3.01 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

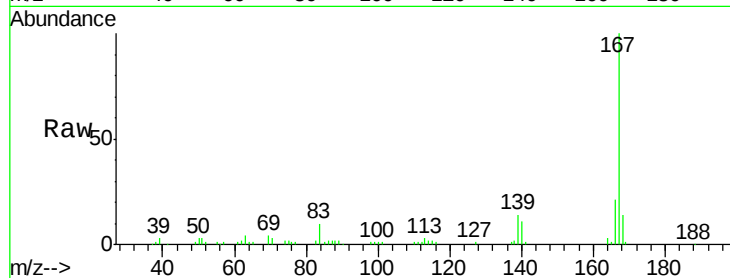
Tot Ion:167 Resp: 89359

Ion Ratio Lower Upper

167 100

166 20.5 17.7 26.5

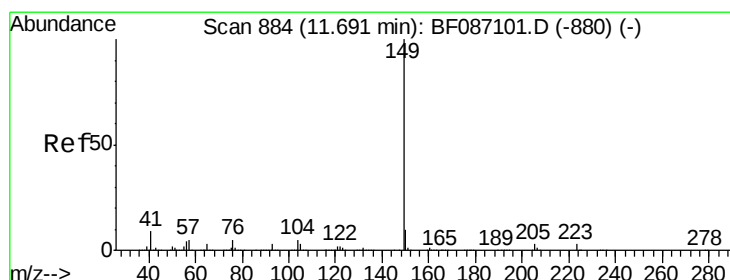
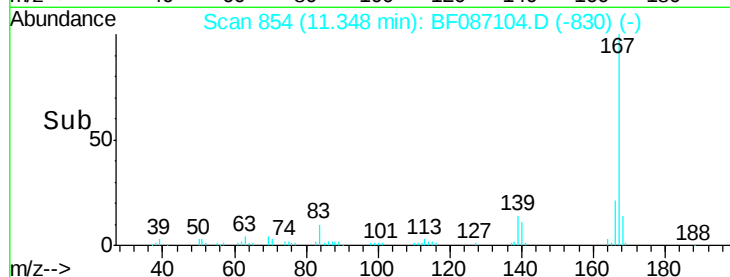
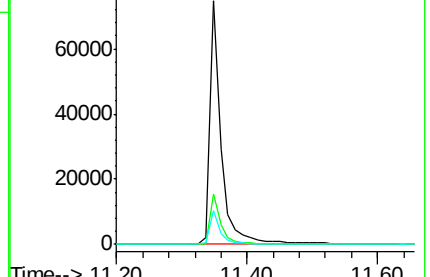
139 13.9 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 2.61 ng

RT: 11.68 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

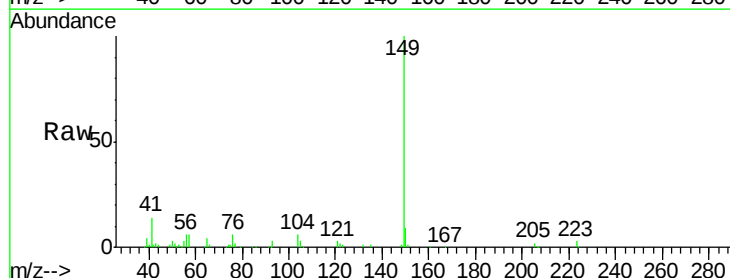
Tgt Ion:149 Resp: 94735

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

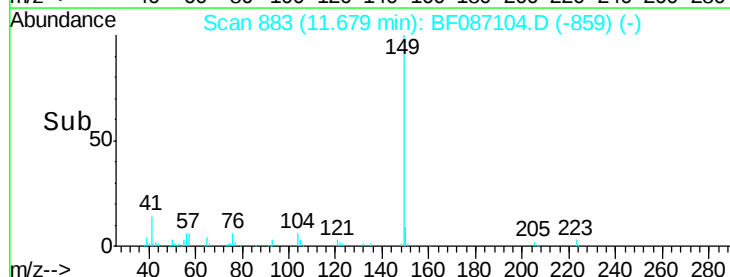
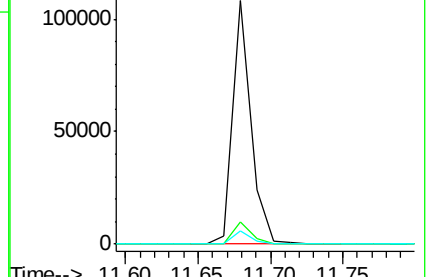
104 5.6 3.8 5.6

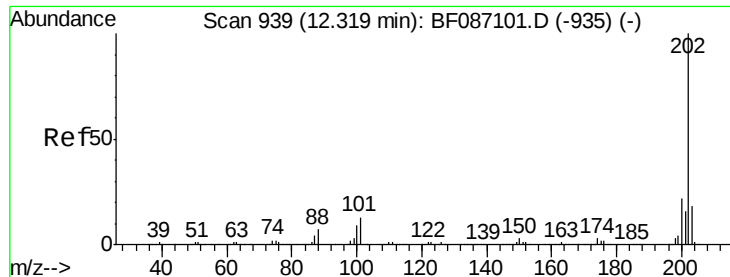


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

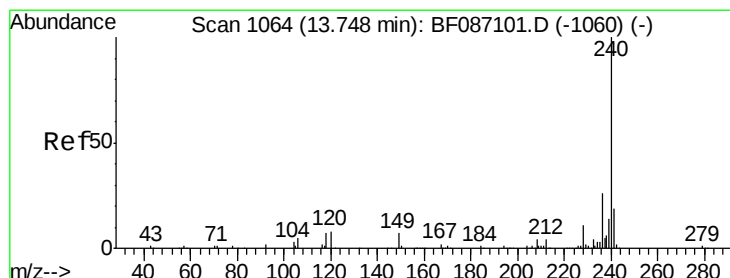
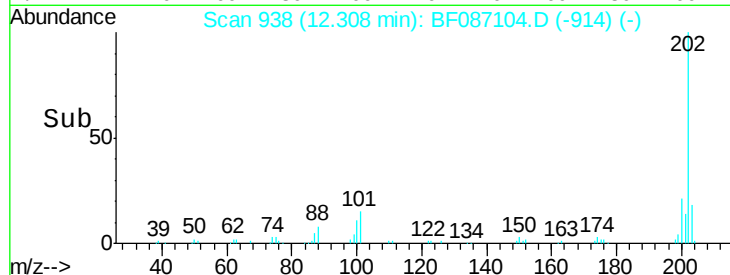
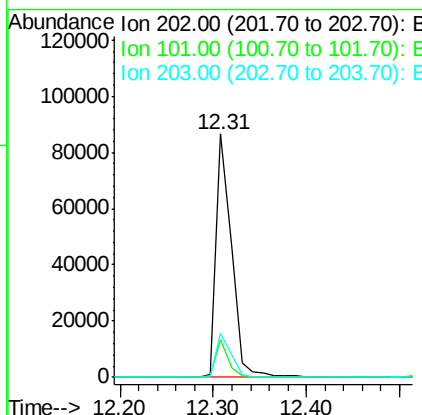
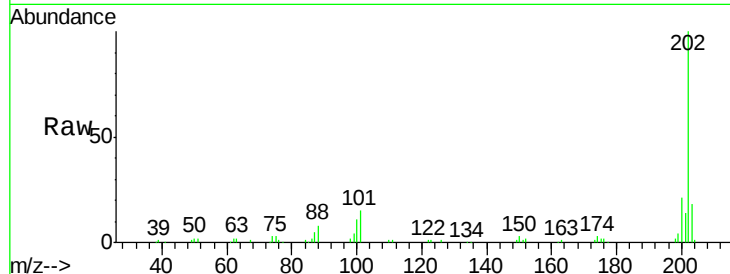




#74
 Fluoranthene
 Concen: 2.84 ng
 RT: 12.31 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

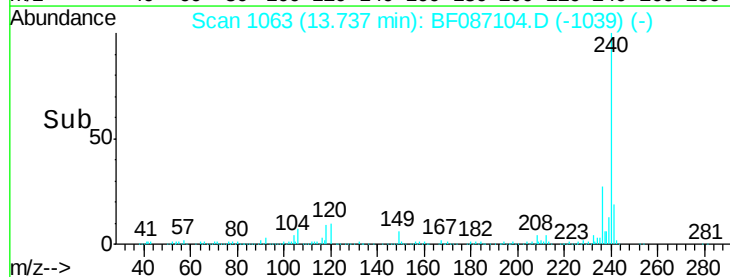
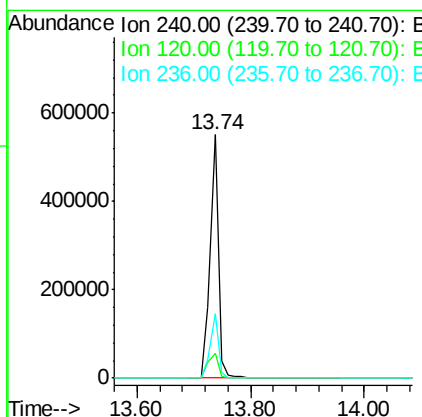
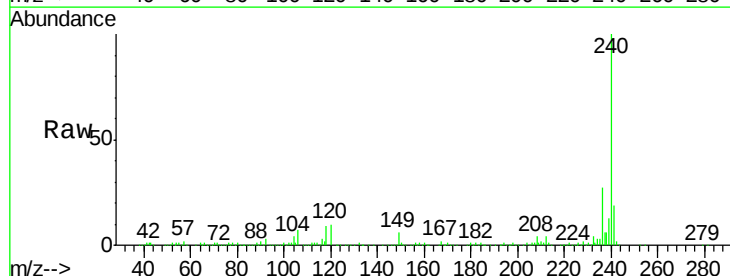
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

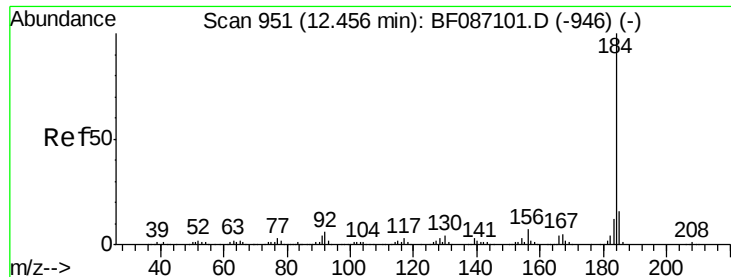
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	35.4
203	17.9	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF087104.D
 Acq: 17 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	11.2	16.8#
236	26.5	21.2	31.8





#76

Benzidine

Concen: 2.38 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

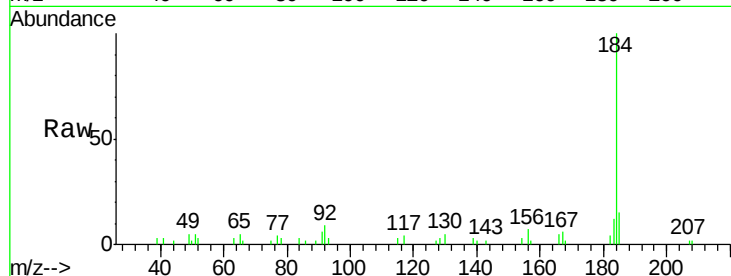
Tot Ion:184 Resp: 32384

Ion Ratio Lower Upper

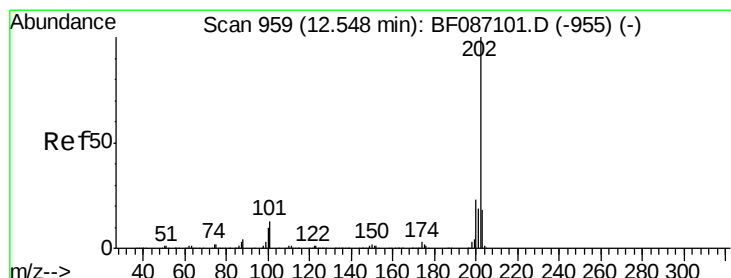
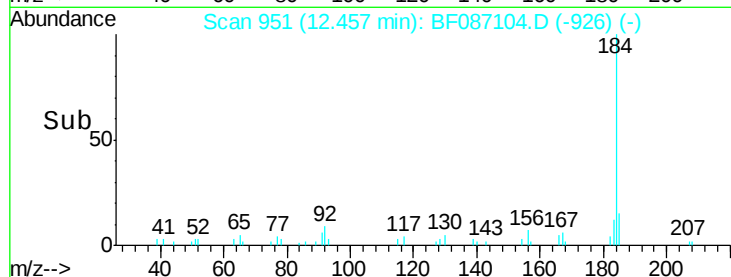
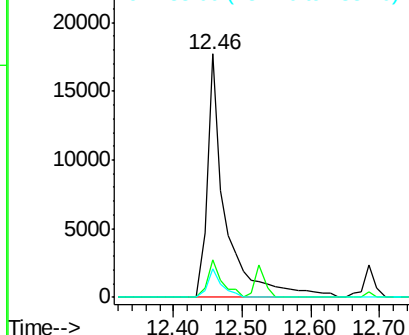
184 100

185 15.4 13.6 20.4

183 11.8 9.8 14.6



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: 2.64 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

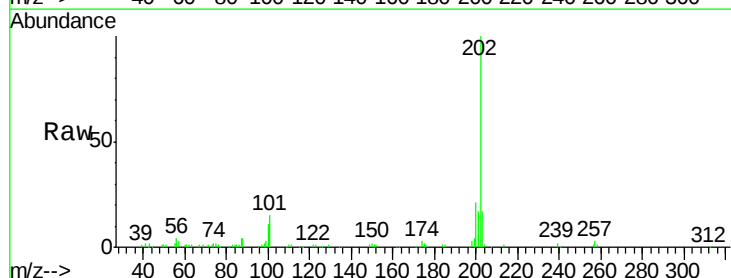
Tgt Ion:202 Resp: 107906

Ion Ratio Lower Upper

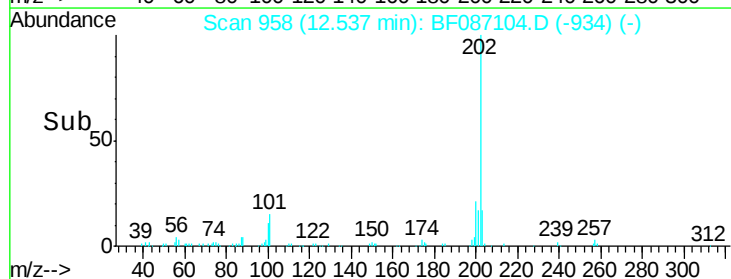
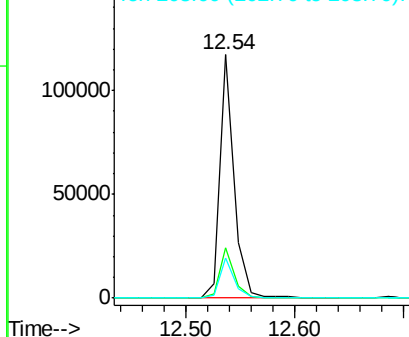
202 100

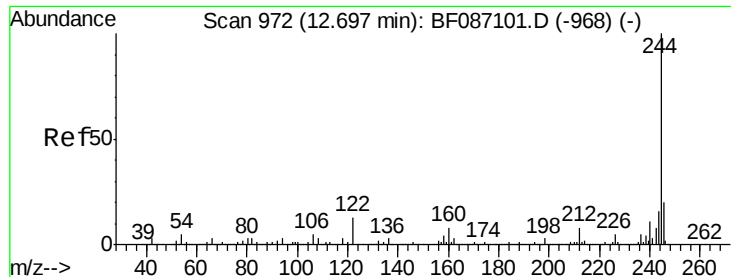
200 20.9 17.7 26.5

203 16.5 14.2 21.4



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





#78

Terphenyl-d14

Concen: 5.36 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

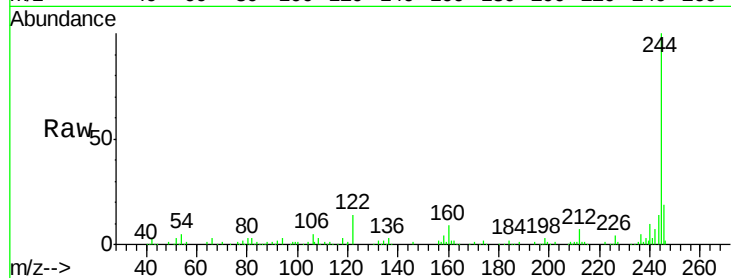
Tot Ion:244 Resp: 134756

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

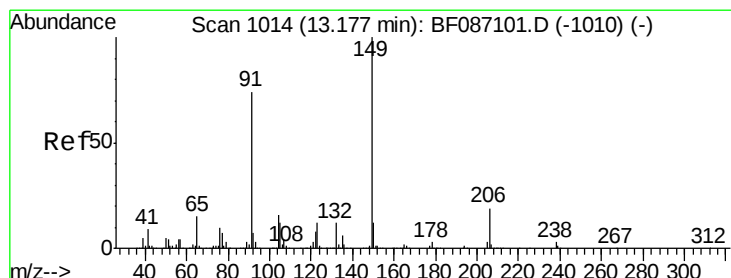
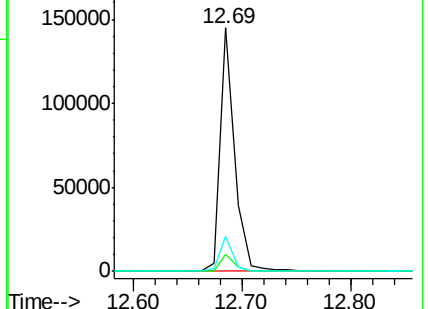
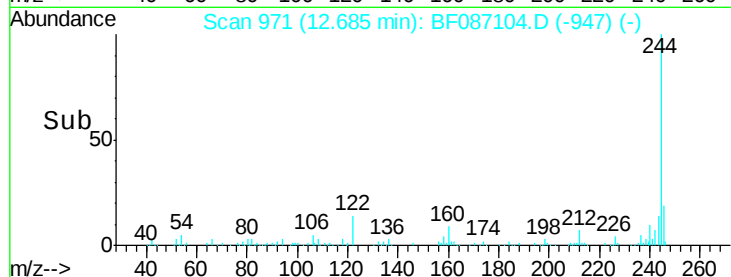
122 14.2 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 2.09 ng

RT: 13.17 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

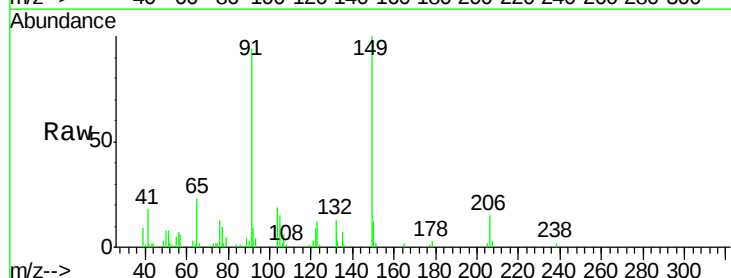
Tgt Ion:149 Resp: 36037

Ion Ratio Lower Upper

149 100

91 94.1 48.0 72.0#

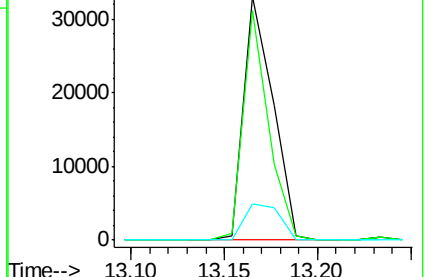
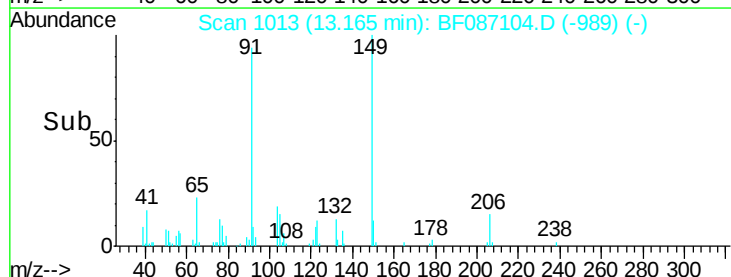
206 15.0 15.8 23.6#

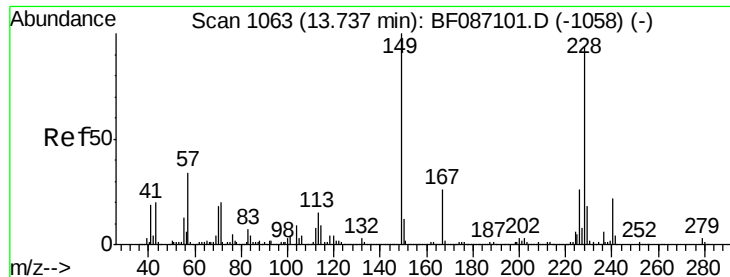


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 3.07 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

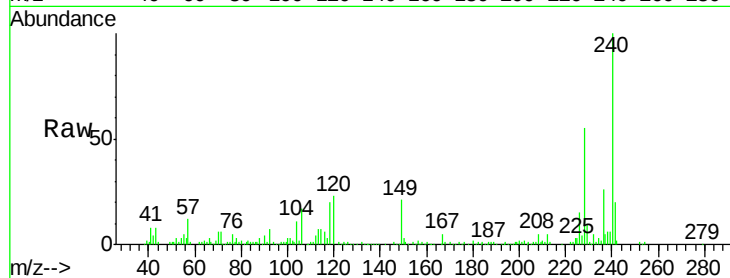
Tot Ion:228 Resp: 91984

Ion Ratio Lower Upper

228 100

226 26.4 22.5 33.7

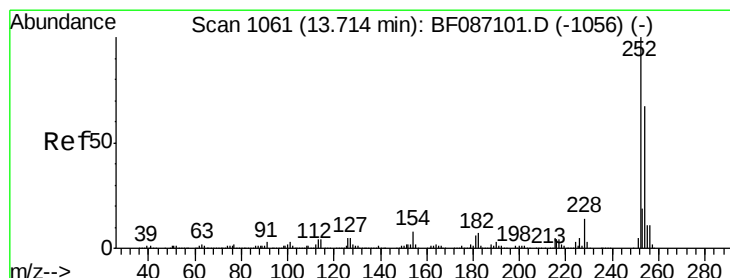
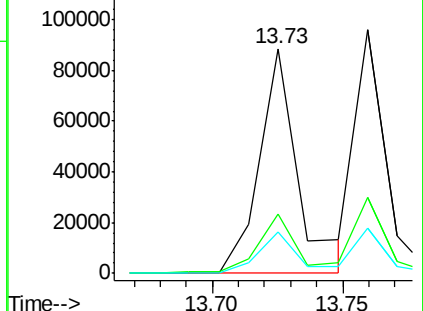
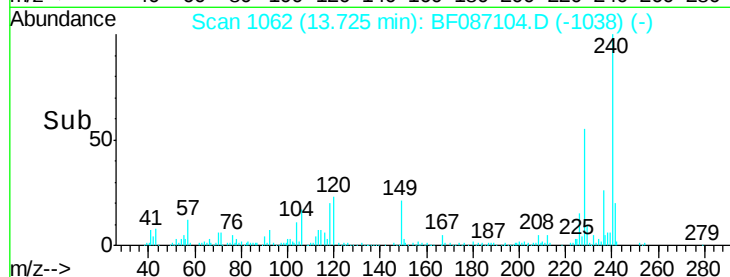
229 18.5 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 2.72 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

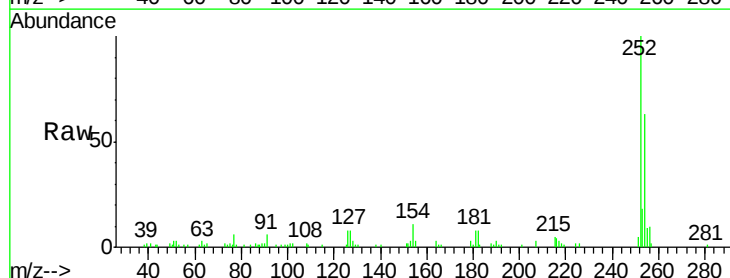
Tgt Ion:252 Resp: 51734

Ion Ratio Lower Upper

252 100

254 62.6 50.7 76.1

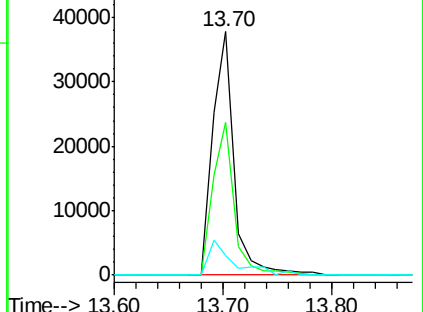
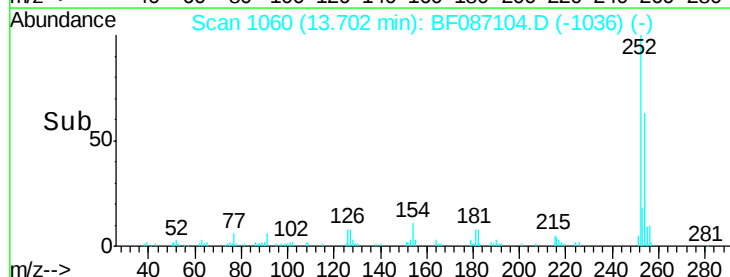
126 7.9 12.7 19.1#

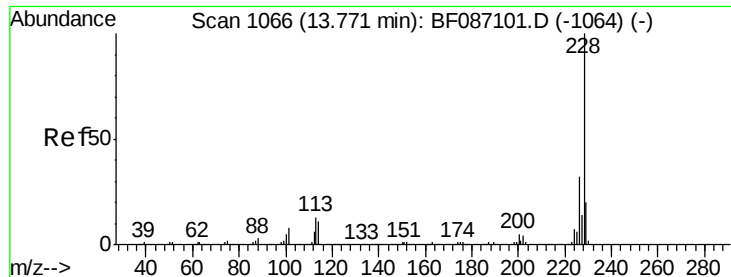


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 2.64 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

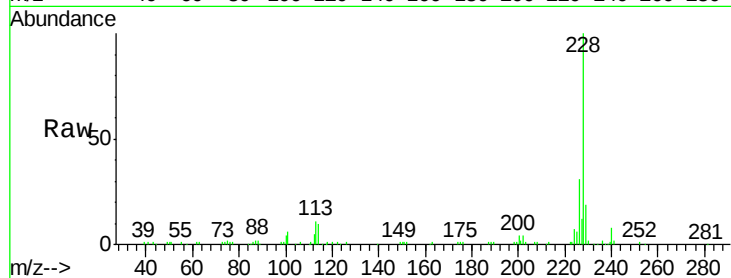
Tot Ion:228 Resp: 80460

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

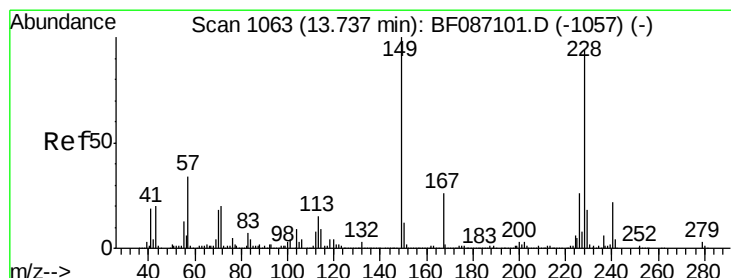
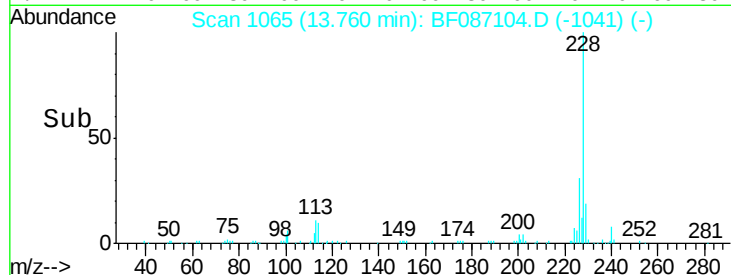
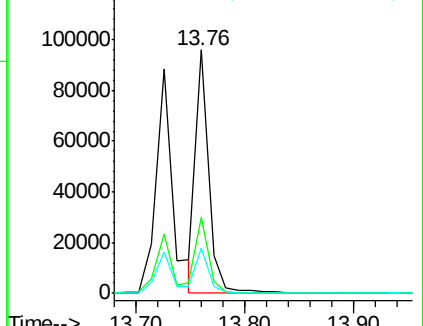
229 18.8 15.8 23.8



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: 2.37 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

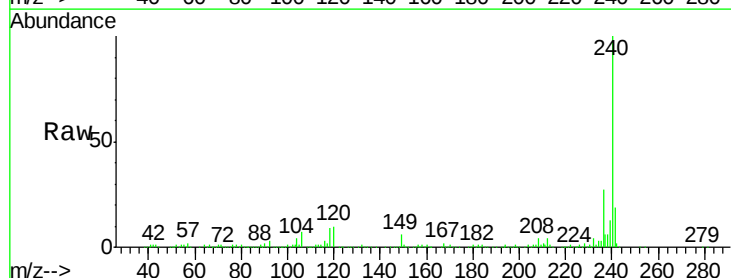
Tgt Ion:149 Resp: 49218

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.6

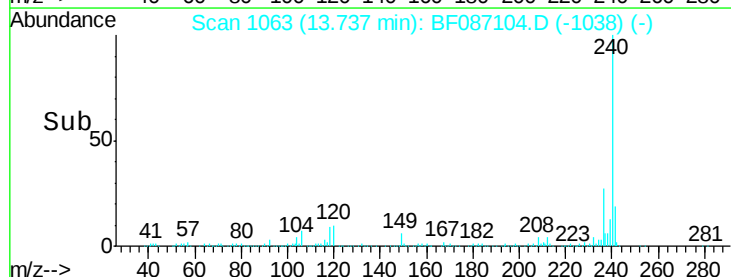
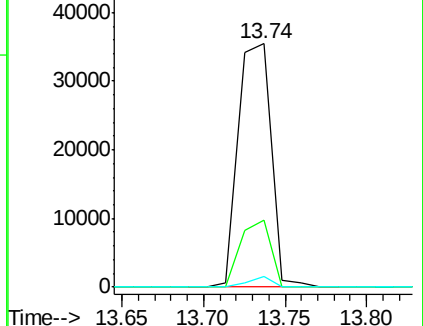
279 4.6 2.6 4.0#

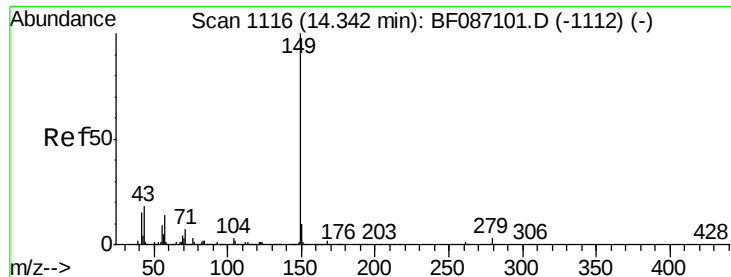


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.48 ng

RT: 14.34 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

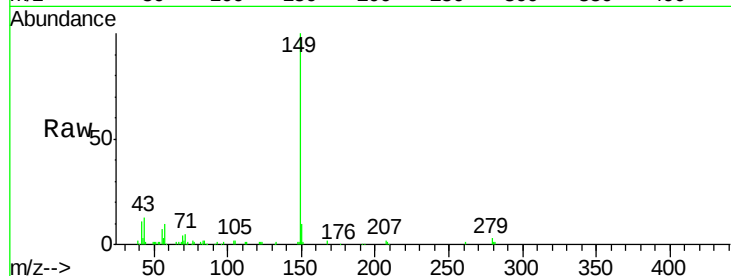
Tot Ion:149 Resp: 85480

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

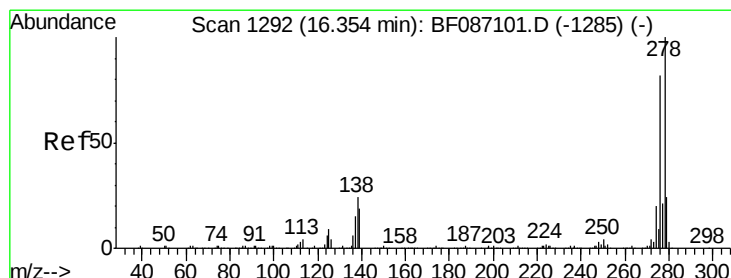
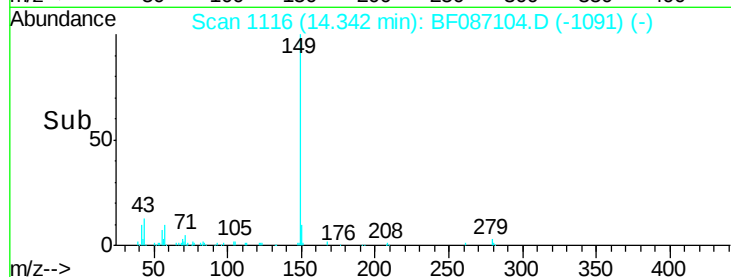
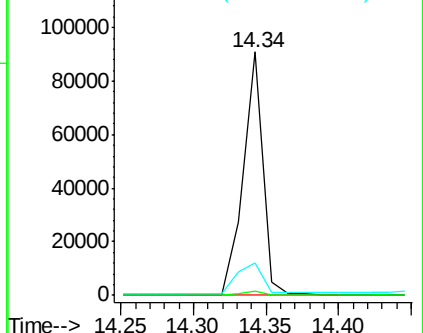
43 17.0 8.2 12.4#



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: 2.65 ng

RT: 16.33 min Scan# 1290

Delta R.T. -0.03 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

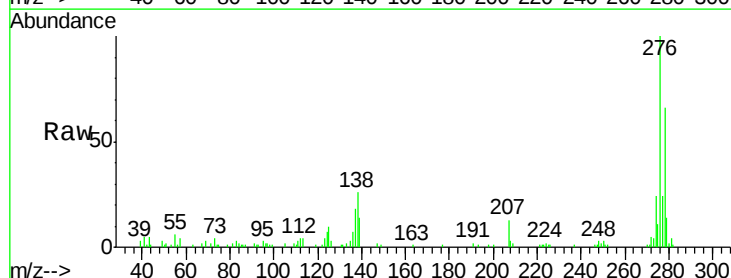
Tgt Ion:276 Resp: 67027

Ion Ratio Lower Upper

276 100

138 27.3 25.6 38.4

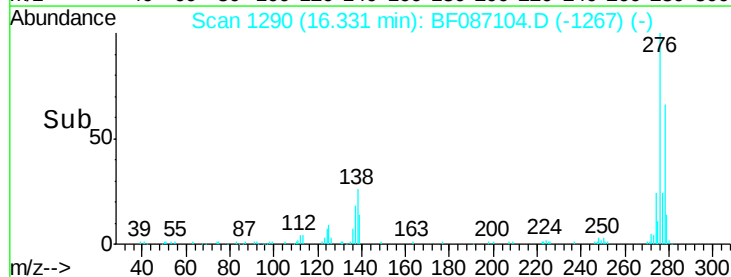
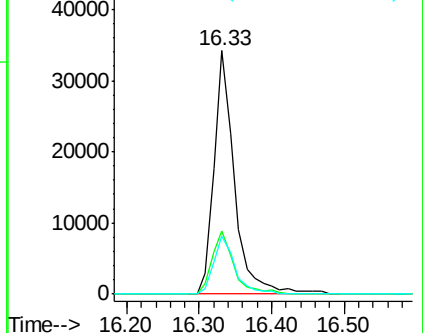
277 24.5 20.5 30.7

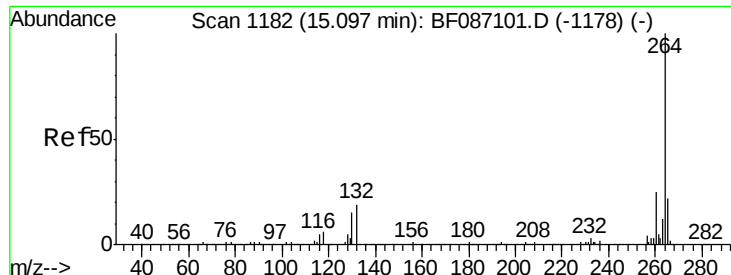


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

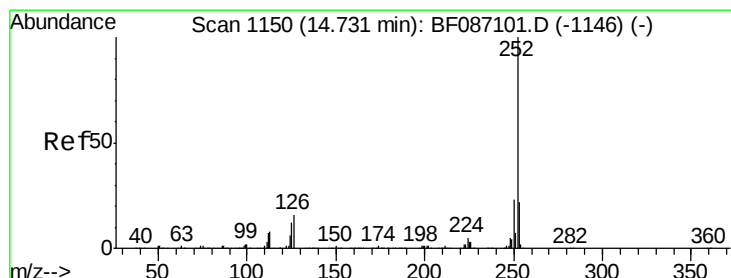
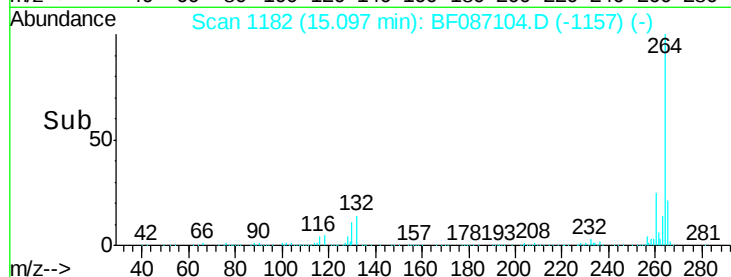
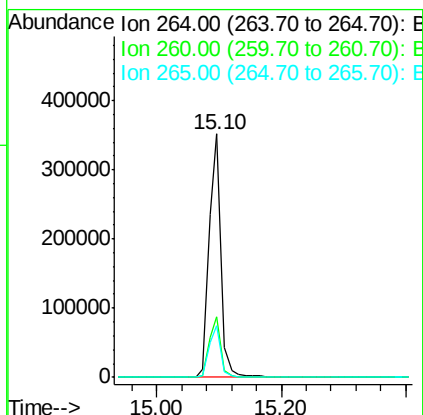
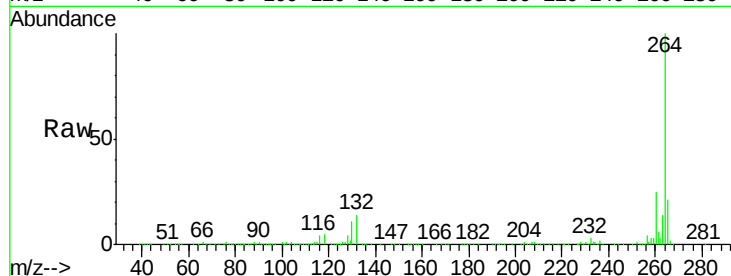




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

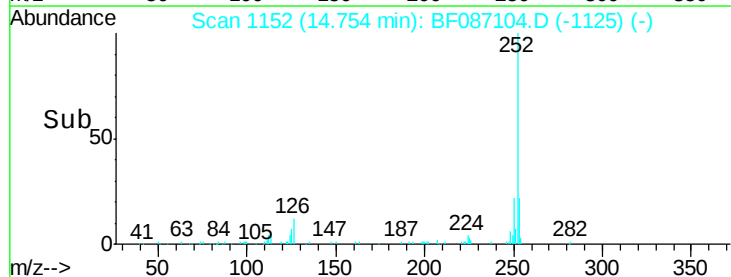
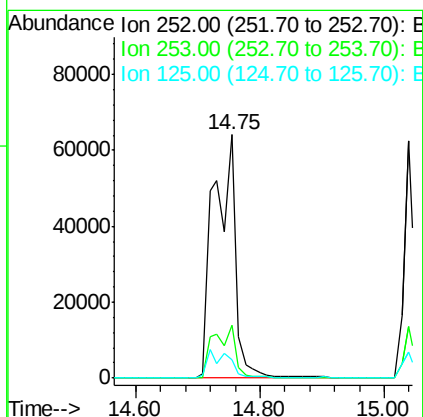
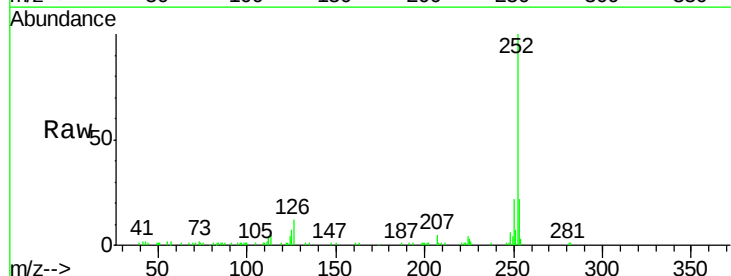
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

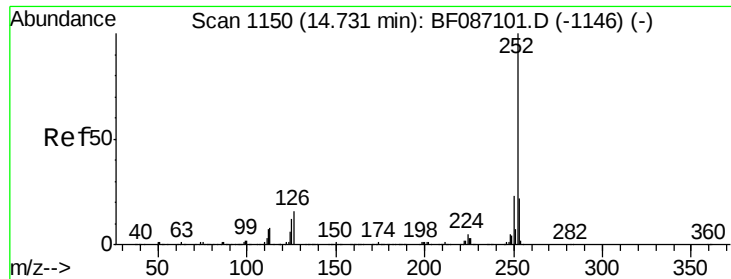
Tot Ion:264 Resp: 461660
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 21.4 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 5.20 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion:252 Resp: 156158
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 7.4 11.4 17.0#

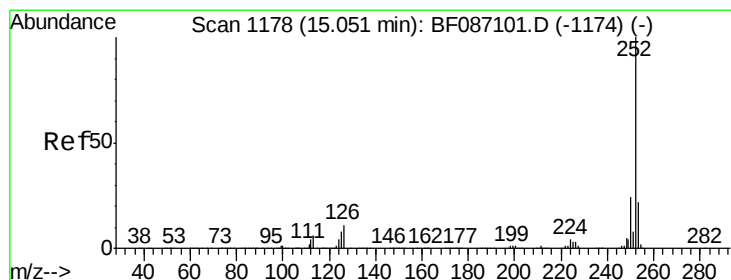
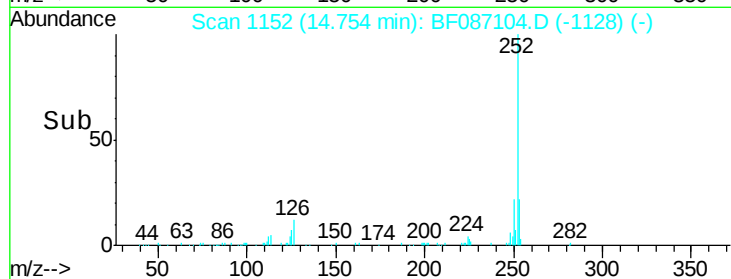
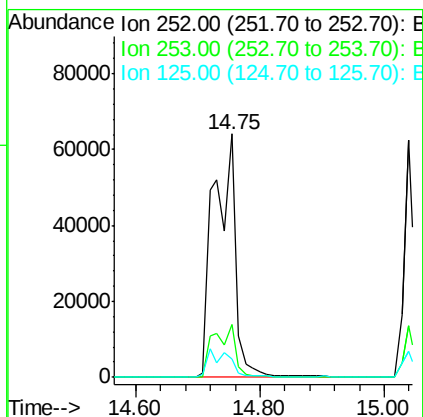
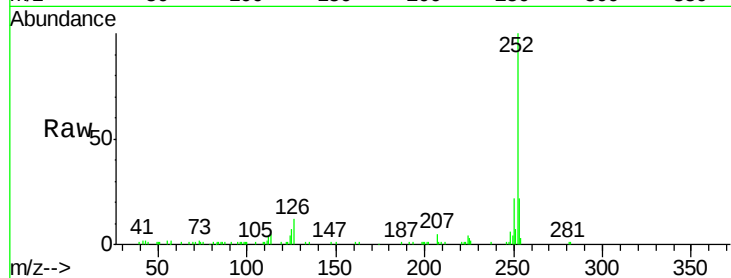




#88
Benzo(k)fluoranthene
Concen: 6.36 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

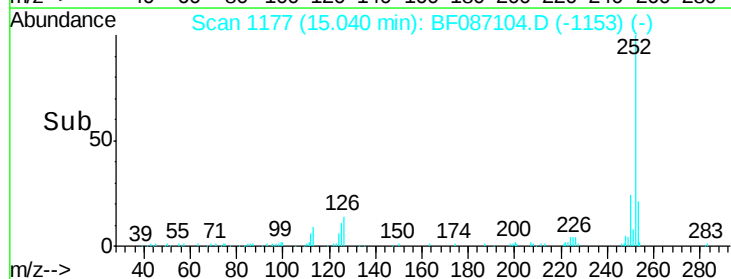
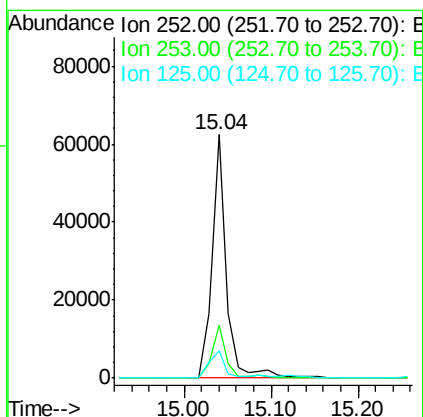
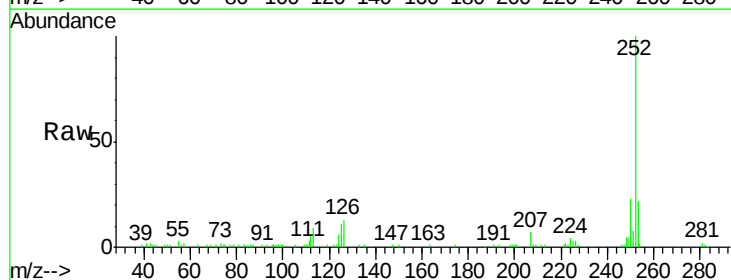
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

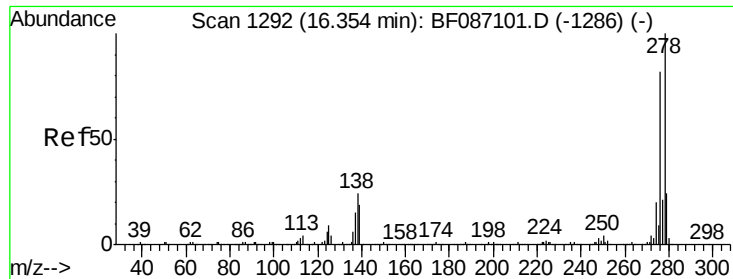
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.4	9.1	13.7#



#89
Benzo(a)pyrene
Concen: 2.80 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087104.D
Acq: 17 May 2016 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.2	9.0	13.6





#90

Dibenzo(a,h)anthracene

Concen: 2.55 ng

RT: 16.34 min Scan# 1291

Delta R.T. -0.03 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

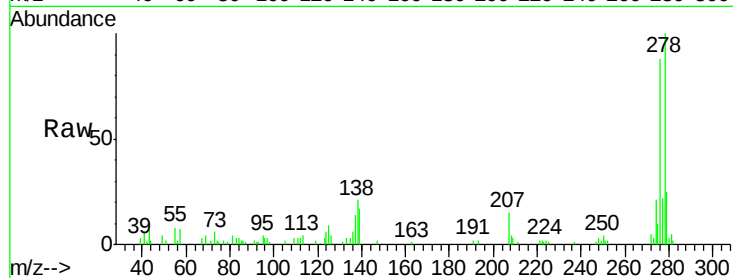
Tot Ion:278 Resp: 55687

Ion Ratio Lower Upper

278 100

139 17.0 16.6 24.8

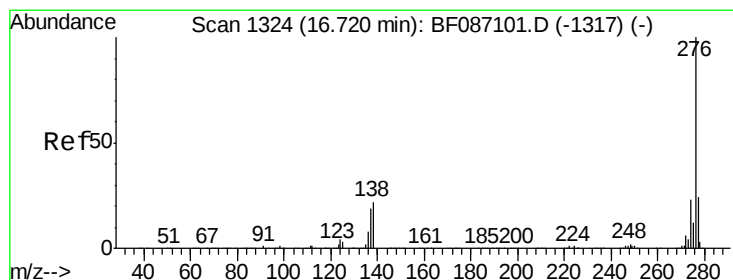
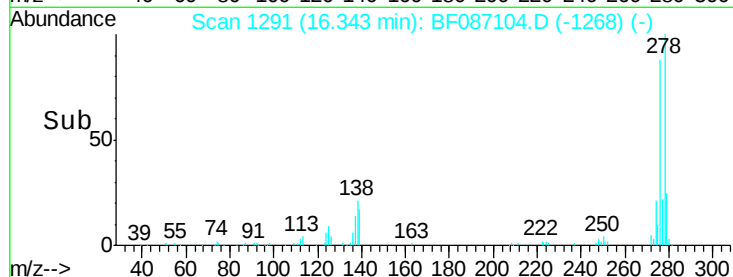
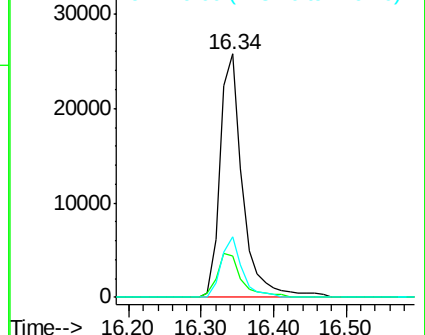
279 24.7 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.42 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF087104.D

Acq: 17 May 2016 15:35

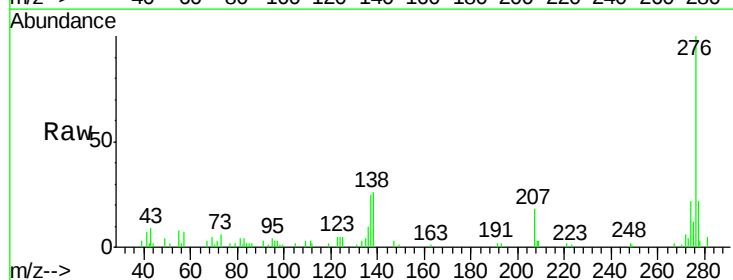
Tgt Ion:276 Resp: 53552

Ion Ratio Lower Upper

276 100

277 22.0 19.6 29.4

138 25.9 23.6 35.4



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

