

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087100.D
 Acq On : 17 May 2016 13:41
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: May 17 14:52:01 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 14:49:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	150809	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	646501	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	296864	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	561648	20.00	ng	0.00
75) Chrysene-d12	13.75	240	418311	20.00	ng	0.00
86) Perylene-d12	15.10	264	363652	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	884061	99.28	ng	0.00
7) Phenol-d6	6.27	99	1175056	98.73	ng	0.00
23) Nitrobenzene-d5	7.18	82	1188160	92.28	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	342329	108.92	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1816548	102.84	ng	0.00
78) Terphenyl-d14	12.70	244	1675261	84.97	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.02	88	228065	52.17	ng	# 73
3) Pyridine	2.65	79	584294	54.67	ng	# 61
4) n-Nitrosodimethylamine	2.63	42	415533	53.62	ng	# 50
6) Aniline	6.26	93	738202	51.28	ng	96
8) 2-Chlorophenol	6.39	128	537029	49.98	ng	91
9) Benzaldehyde	6.14	77	300988	43.67	ng	95
10) Phenol	6.28	94	772373	54.60	ng	84
11) bis(2-Chloroethyl)ether	6.34	93	495943	44.96	ng	84
12) 1,3-Dichlorobenzene	6.54	146	585292	50.33	ng	98
13) 1,4-Dichlorobenzene	6.62	146	577823	48.73	ng	98
14) 1,2-Dichlorobenzene	6.76	146	467133	45.20	ng	95
15) Benzyl Alcohol	6.76	79	458663	55.81	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1074940	44.82	ng	# 45
17) 2-Methylphenol	6.89	107	442320	51.73	ng	# 82
18) Hexachloroethane	7.11	117	221534	49.65	ng	# 82
19) n-Nitroso-di-n-propylamine	7.04	70	468579	56.34	ng	# 78
20) 3+4-Methylphenols	7.05	107	595036	53.28	ng	# 59
22) Acetophenone	7.03	105	786646	51.51	ng	98
24) Nitrobenzene	7.20	77	729870	55.11	ng	97
25) Isophorone	7.44	82	1142421	47.82	ng	99
26) 2-Nitrophenol	7.51	139	275574	47.33	ng	# 66
27) 2,4-Dimethylphenol	7.58	122	478305	48.23	ng	96
28) bis(2-Chloroethoxy)methane	7.66	93	682388	52.96	ng	98
29) 2,4-Dichlorophenol	7.76	162	418753	47.97	ng	92
30) 1,2,4-Trichlorobenzene	7.83	180	451546	46.27	ng	96
31) Naphthalene	7.91	128	1472197	45.46	ng	99
32) Benzoic acid	7.75	122	292991	50.30	ng	# 80
33) 4-Chloroaniline	7.98	127	654535	52.02	ng	96
34) Hexachlorobutadiene	8.02	225	252968	44.67	ng	97
35) Caprolactam	8.38	113	144782	48.75	ng	# 52
36) 4-Chloro-3-methylphenol	8.48	107	503576	47.57	ng	89
37) 2-Methylnaphthalene	8.59	142	923481	48.78	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	402706	46.66	ng	97
40) Hexachlorocyclopentadiene	8.75	237	153343	37.43	ng	95

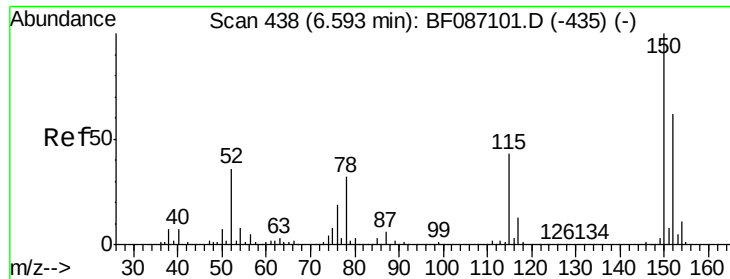
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	276697	47.94	nq	95
43) 2,4,5-Trichlorophenol	8.94	196	294743	49.38	nq #	84
45) 1,1'-Biphenyl	9.06	154	1133239	47.99	nq	95
46) 2-Chloronaphthalene	9.08	162	891030	48.16	nq	93
47) 2-Nitroaniline	9.20	65	363337	53.74	nq #	76
48) Acenaphthylene	9.50	152	1286823	47.29	nq	99
49) Dimethylphthalate	9.38	163	1112849	49.14	nq	100
50) 2,6-Dinitrotoluene	9.45	165	264691	55.53	nq #	68
51) Acenaphthene	9.67	154	802546	47.41	nq	99
52) 3-Nitroaniline	9.61	138	273838	54.57	nq #	77
53) 2,4-Dinitrophenol	9.72	184	141227	71.18	nq #	74
54) Dibenzofuran	9.84	168	1035952	47.68	nq	93
55) 4-Nitrophenol	9.84	139	619947	207.63	nq #	19
56) 2,4-Dinitrotoluene	9.85	165	330216	55.98	nq	95
57) Fluorene	10.18	166	835754	45.10	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	233088	51.87	nq	96
59) Diethylphthalate	10.08	149	1117852	50.65	nq	96
60) 4-Chlorophenyl-phenylether	10.18	204	476317	50.53	nq #	84
61) 4-Nitroaniline	10.24	138	278994	57.89	nq	88
62) Azobenzene	10.34	77	1264473	53.10	nq	88
64) 4,6-Dinitro-2-methylphenol	10.26	198	197191	56.52	nq #	74
65) n-Nitrosodiphenylamine	10.31	169	902365	52.30	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	261802	45.98	nq	94
67) Hexachlorobenzene	10.73	284	341341	51.29	nq #	89
68) Atrazine	10.84	200	271362	47.08	nq	96
69) Pentachlorophenol	10.94	266	137264	44.63	nq	96
70) Phenanthrene	11.14	178	1514181	50.52	nq	100
71) Anthracene	11.19	178	1336796	43.61	nq	100
72) Carbazole	11.36	167	1423165	54.01	nq	100
73) Di-n-butylphthalate	11.69	149	1667144	51.81	nq	100
74) Fluoranthene	12.32	202	1440340	46.72	nq	97
76) Benzidine	12.46	184	566991	53.17	nq	99
77) Pyrene	12.55	202	1588855	49.61	nq	99
79) Butylbenzylphthalate	13.18	149	694696	51.28	nq #	81
80) Benzo(a)anthracene	13.74	228	1163151	49.53	nq	98
81) 3,3'-Dichlorobenzidine	13.71	252	755128	50.61	nq #	92
82) Chrysene	13.77	228	1161645	48.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	807814	49.58	nq	97
84) Di-n-octyl phthalate	14.34	149	1303412	48.29	nq #	84
85) Indeno(1,2,3-cd)pyrene	16.34	276	1005086	50.57	nq	95
87) Benzo(b)fluoranthene	14.73	252	2069181	87.55	nq	97
88) Benzo(k)fluoranthene	14.73	252	2069181	106.92	nq	99
89) Benzo(a)pyrene	15.05	252	985814	48.36	nq #	97
90) Dibenzo(a,h)anthracene	16.35	278	829204	48.26	nq	96
91) Benzo(g,h,i)perylene	16.72	276	851631	48.78	nq #	92

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

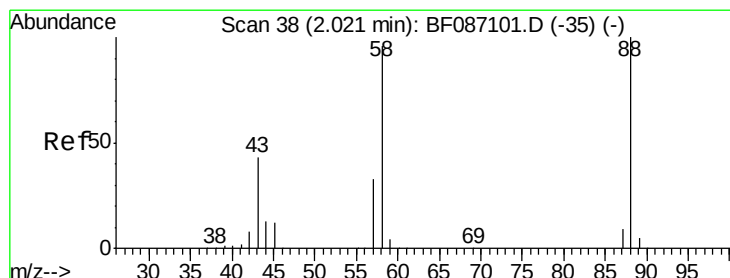
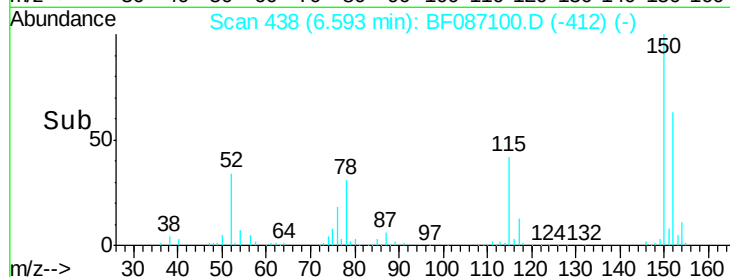
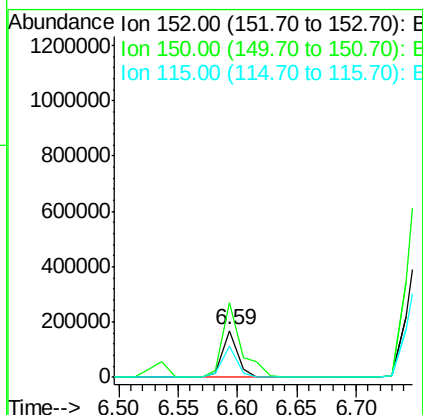
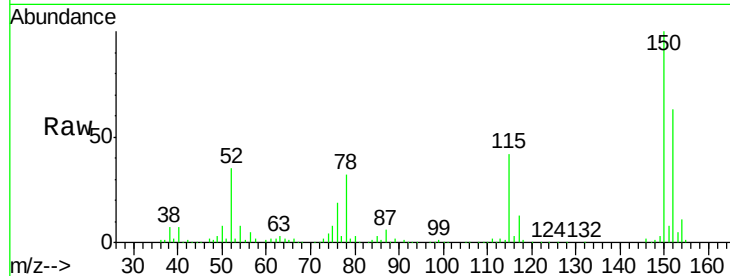


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

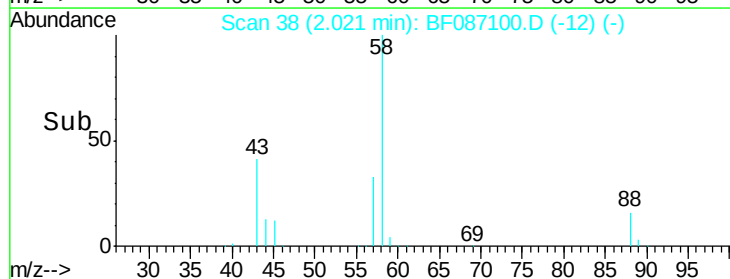
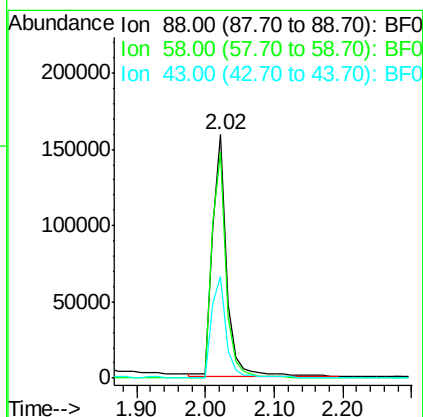
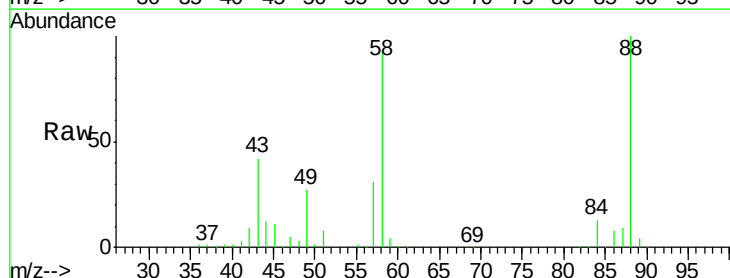
Tot Ion:152 Resp: 150809
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 67.2 51.5 77.3

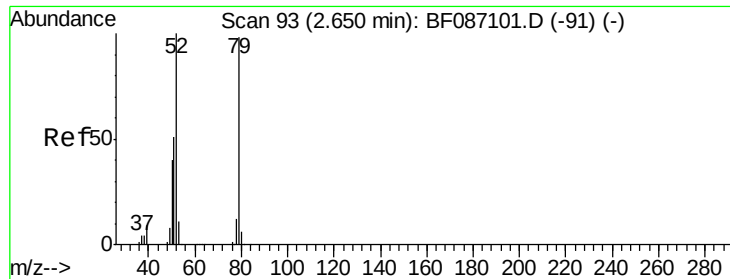


#2

1,4-Dioxane
Concen: 52.17 ng
RT: 2.02 min Scan# 38
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion: 88 Resp: 228065
Ion Ratio Lower Upper
88 100
58 94.4 59.6 89.4#
43 45.9 21.8 32.6#





#3

Pvridine

Concen: 54.67 ng

RT: 2.65 min Scan# 93

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

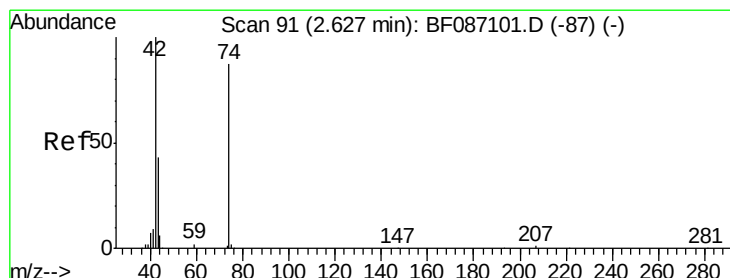
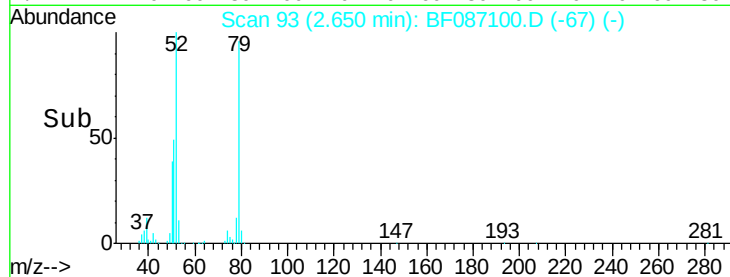
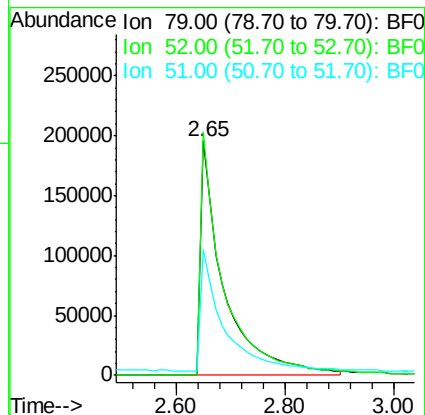
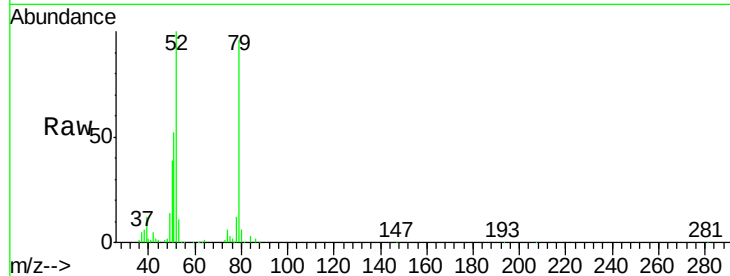
Tot Ion: 79 Resp: 584294

Ion Ratio Lower Upper

79 100

52 104.0 55.9 83.9#

51 54.0 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 53.62 ng

RT: 2.63 min Scan# 91

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

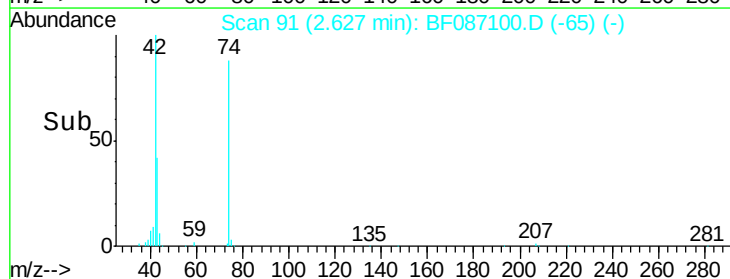
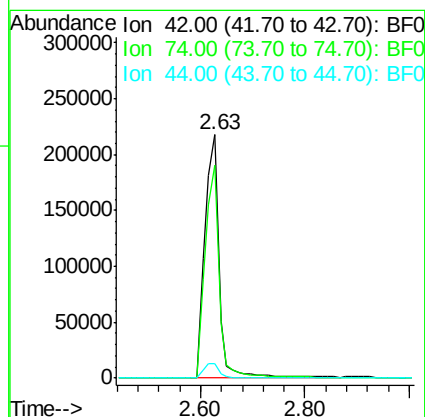
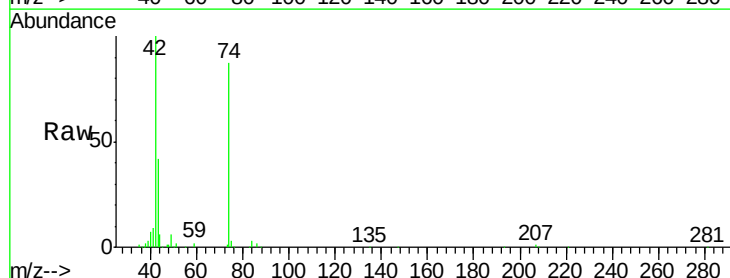
Tgt Ion: 42 Resp: 415533

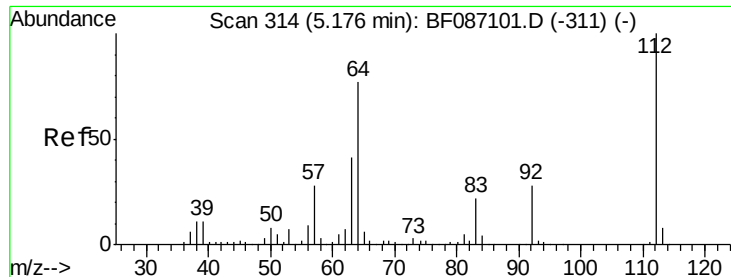
Ion Ratio Lower Upper

42 100

74 87.4 123.4 185.0#

44 6.2 5.8 8.6





#5

2-Fluorophenol

Concen: 99.28 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

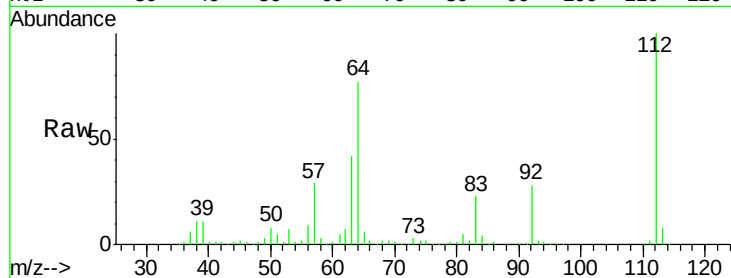
Tot Ion:112 Resp: 884061

Ion Ratio Lower Upper

112 100

64 76.8 52.1 78.1

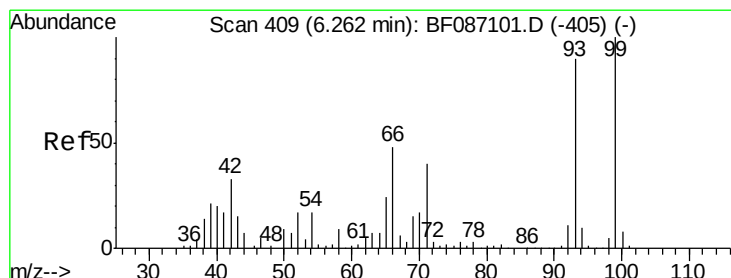
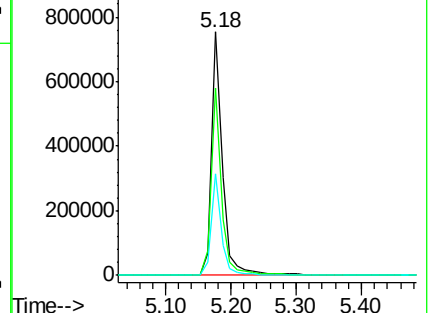
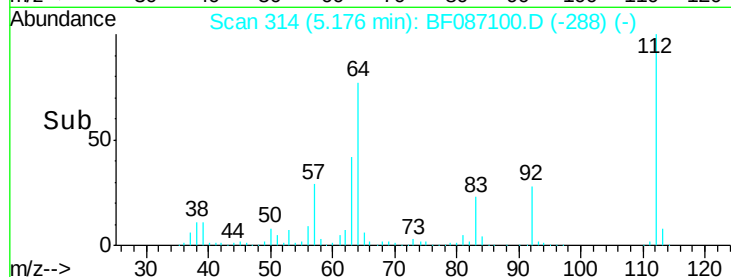
63 42.0 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 51.28 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

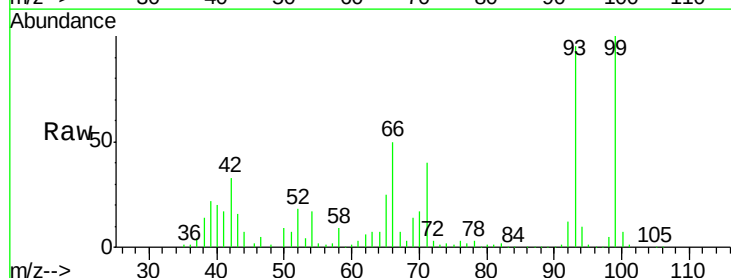
Tgt Ion: 93 Resp: 738202

Ion Ratio Lower Upper

93 100

66 52.7 39.0 58.6

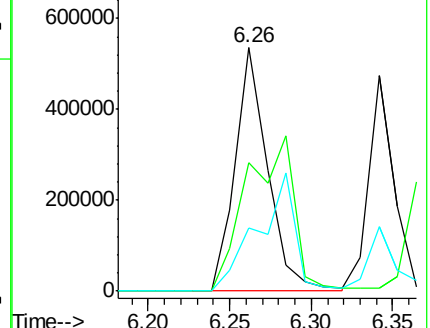
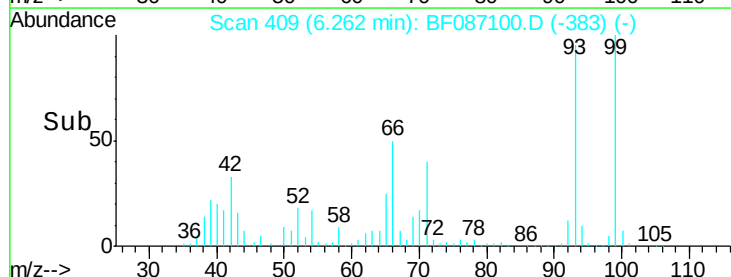
65 25.8 20.6 31.0

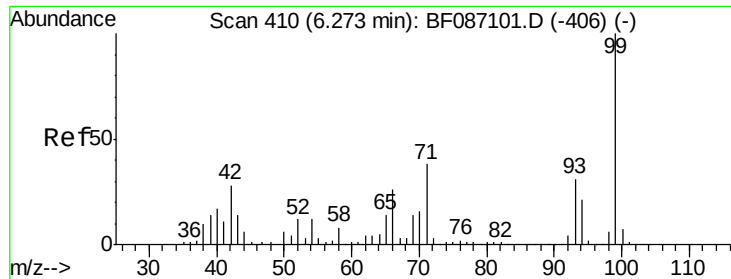


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.73 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

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ClientSampleId :

SSTDIC050

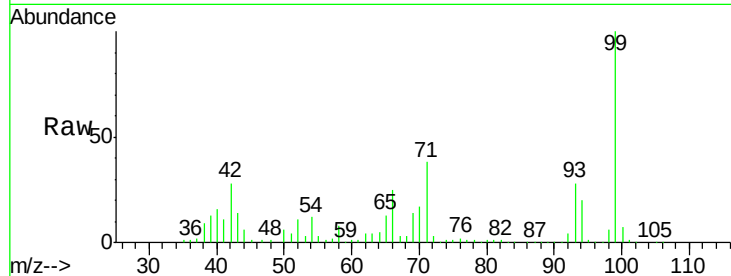
Tot Ion: 99 Resp: 1175056

Ion Ratio Lower Upper

99 100

42 28.0 13.6 20.4#

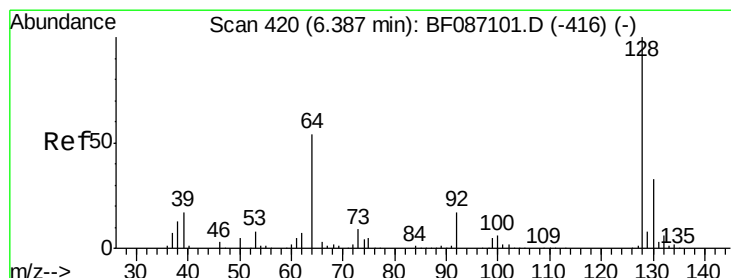
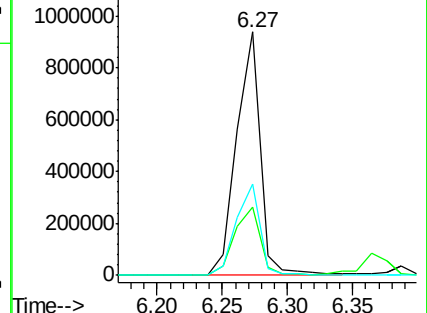
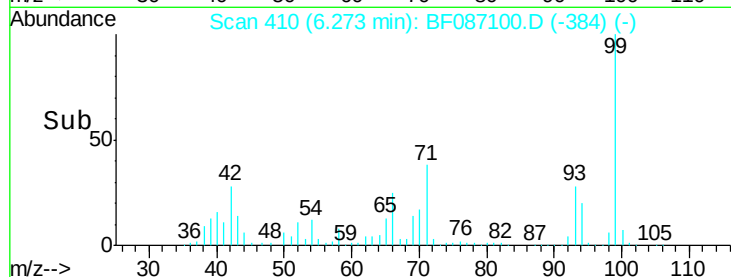
71 37.7 24.6 36.8#



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: 49.98 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

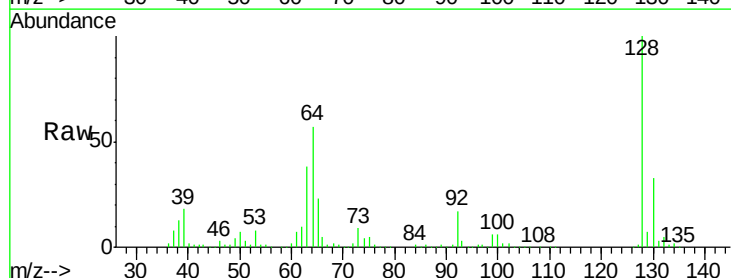
Tgt Ion: 128 Resp: 537029

Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

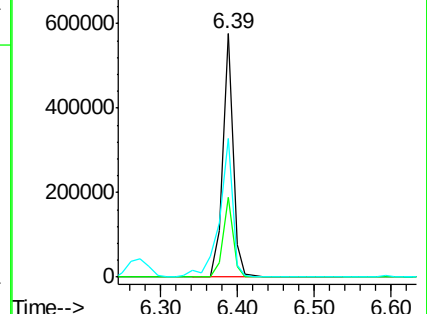
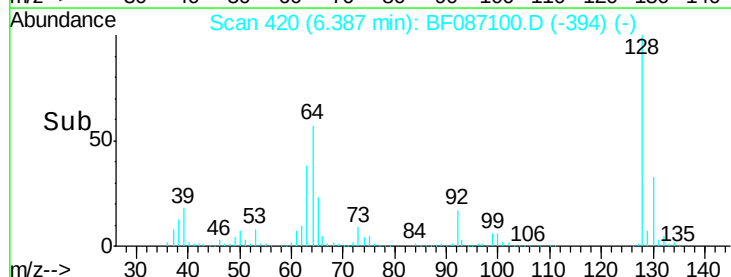
64 57.1 27.3 67.3

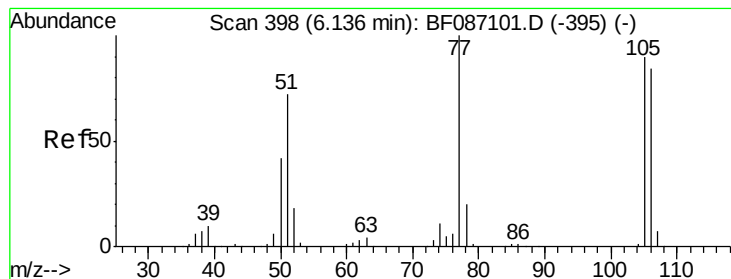


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.67 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampled :

SSTDICC050

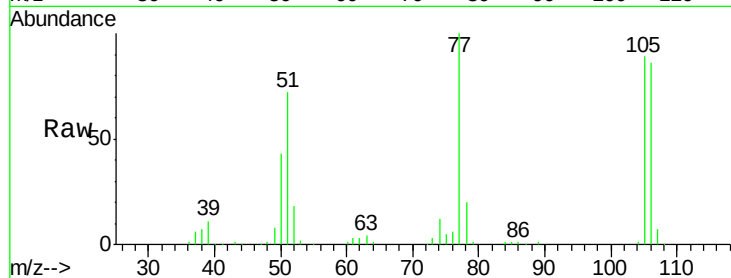
Tot Ion: 77 Resp: 300988

Ion Ratio Lower Upper

77 100

105 88.7 72.7 112.7

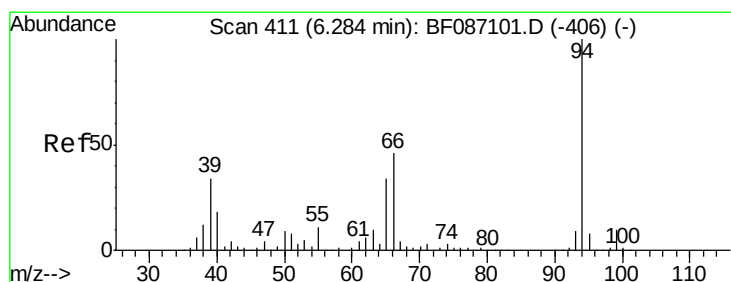
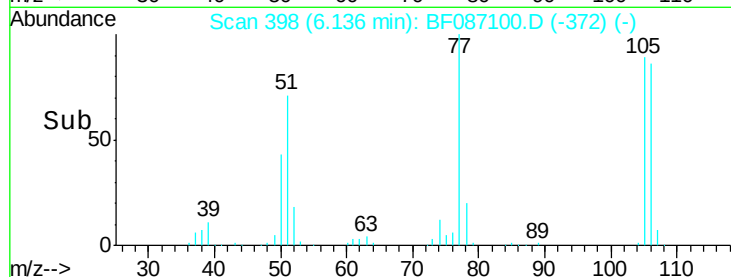
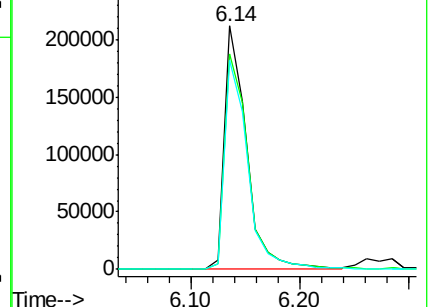
106 85.6 70.8 110.8



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: 54.60 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

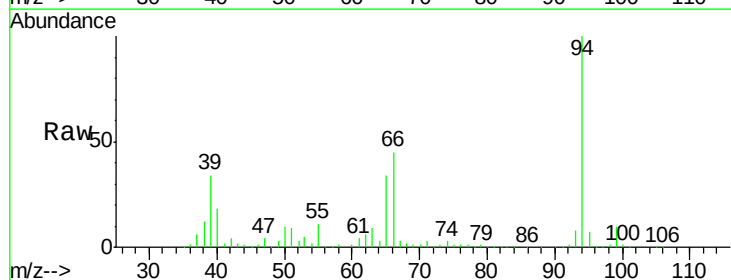
Tgt Ion: 94 Resp: 772373

Ion Ratio Lower Upper

94 100

65 34.3 7.2 47.2

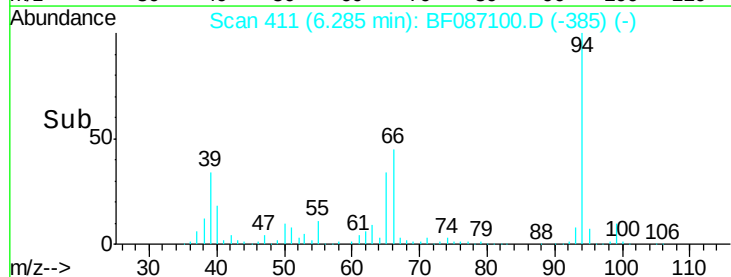
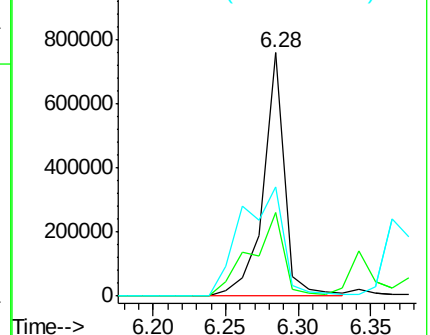
66 45.0 14.9 54.9

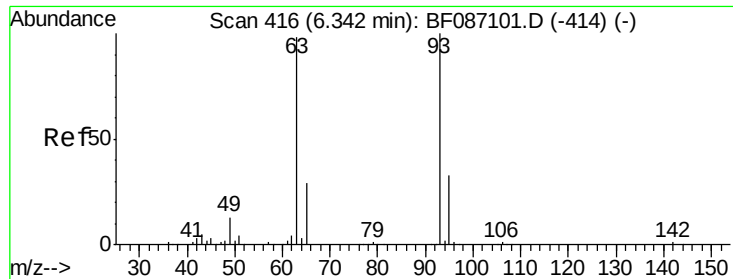


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.96 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

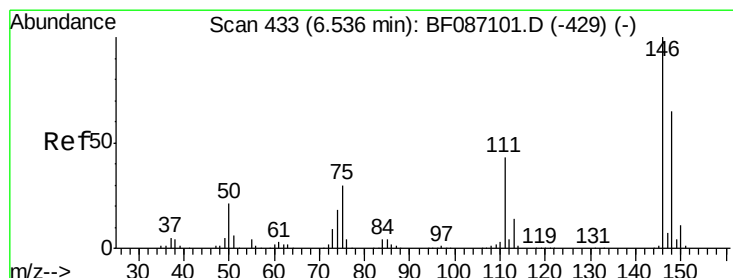
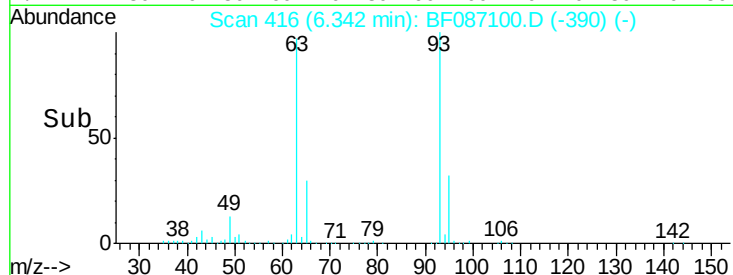
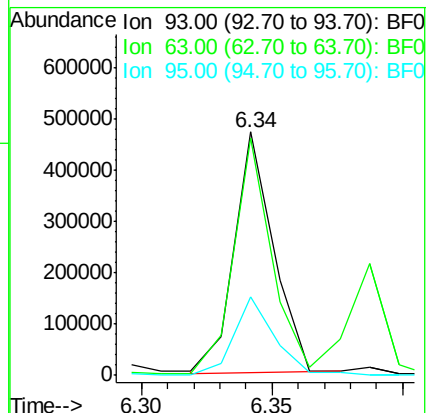
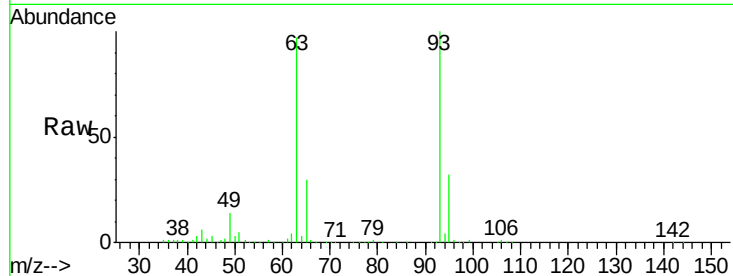
Tot Ion: 93 Resp: 495943

Ion Ratio Lower Upper

93 100

63 97.5 58.0 98.0

95 32.1 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 50.33 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

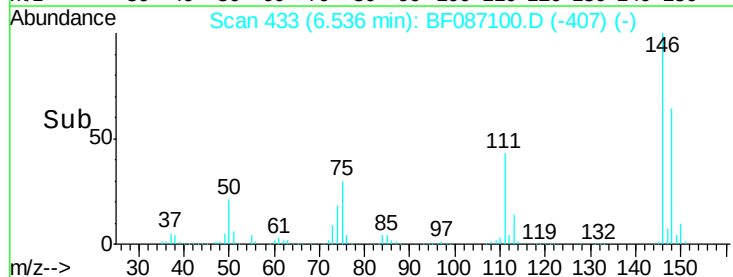
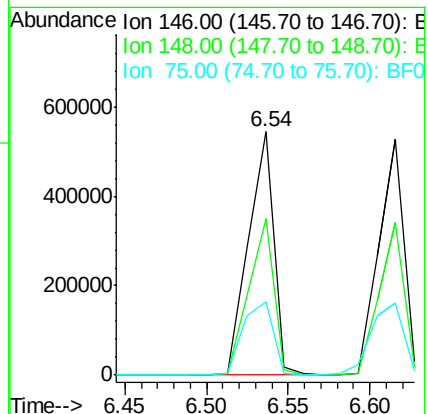
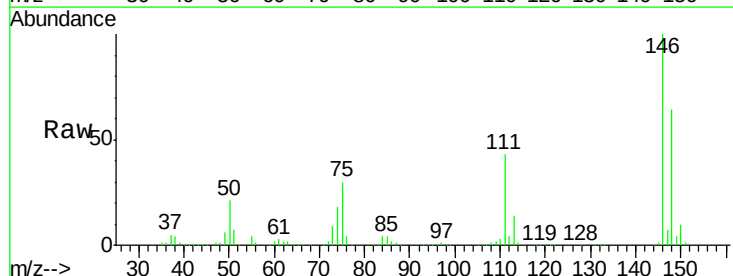
Tgt Ion: 146 Resp: 585292

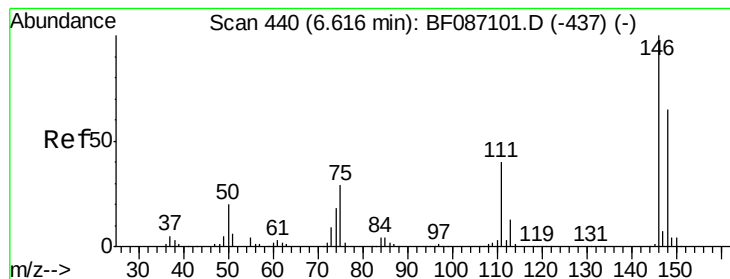
Ion Ratio Lower Upper

146 100

148 64.2 52.4 78.6

75 30.1 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 48.73 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

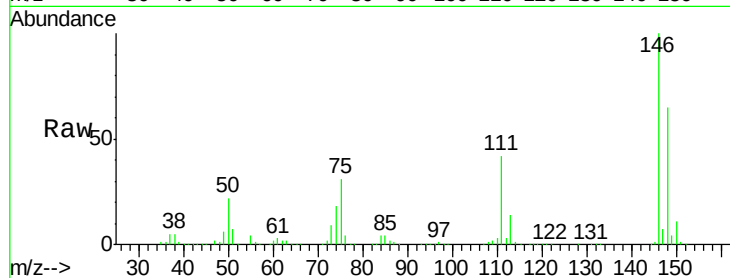
Tot Ion:146 Resp: 577823

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.4

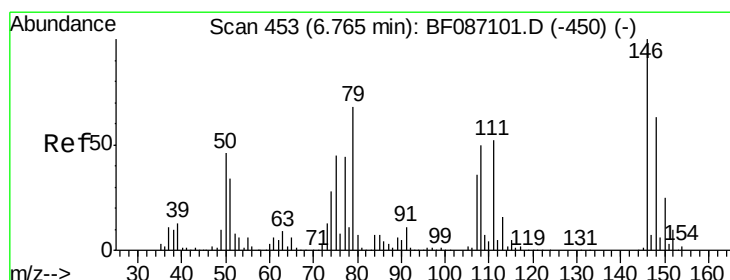
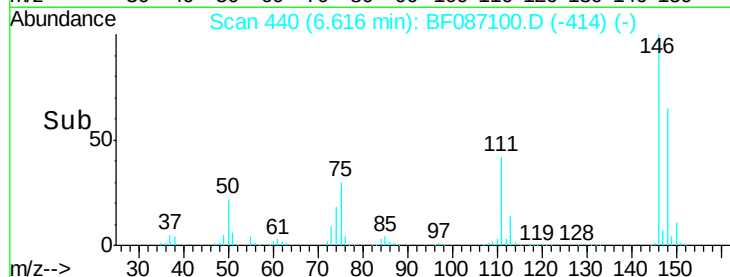
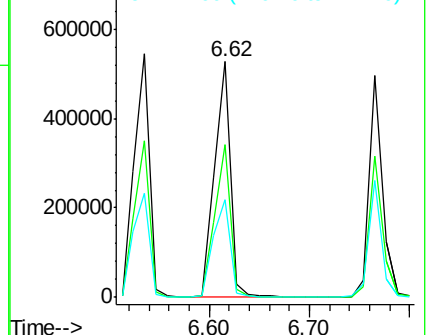
111 41.6 30.7 46.1



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: 45.20 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

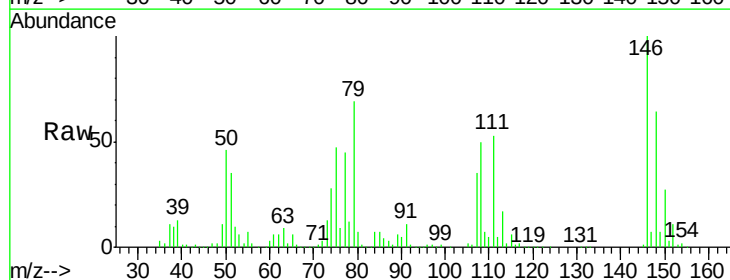
Tgt Ion:146 Resp: 467133

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

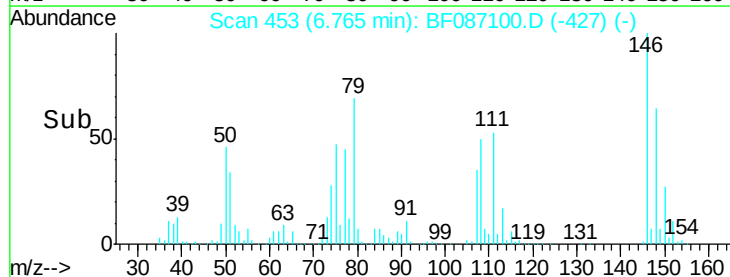
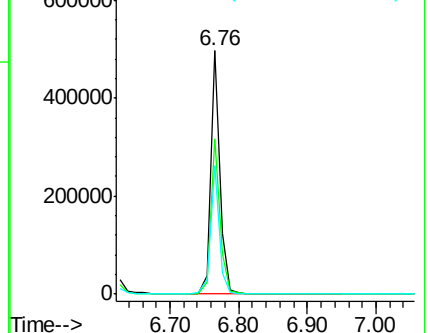
111 52.8 36.2 54.4

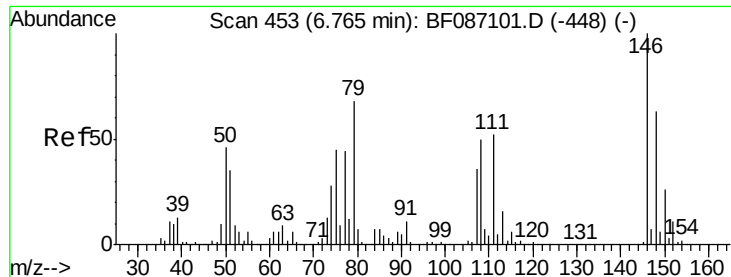


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.81 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

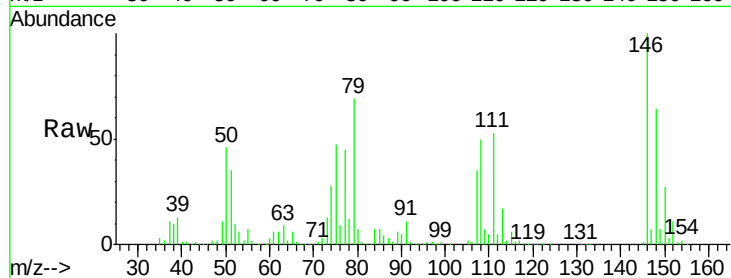
Tot Ion: 79 Resp: 458663

Ion Ratio Lower Upper

79 100

108 72.7 68.4 102.6

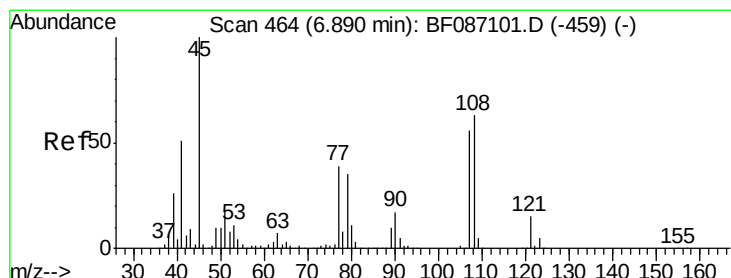
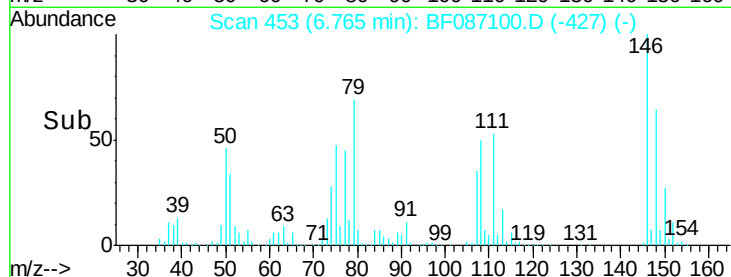
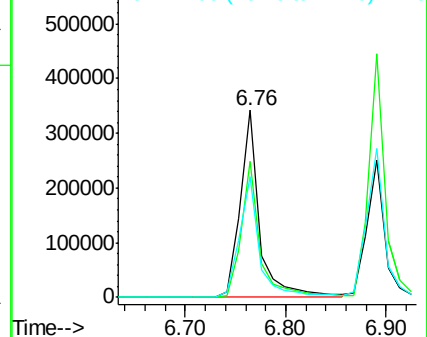
77 64.9 50.6 76.0



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: 44.82 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

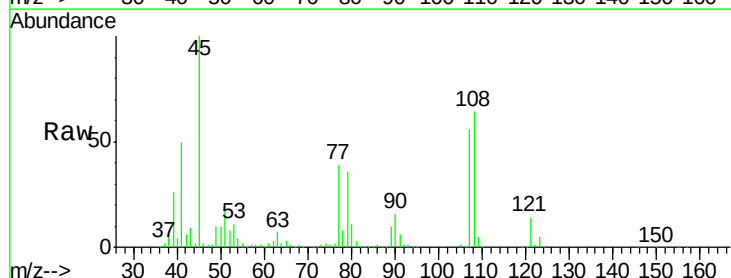
Tgt Ion: 45 Resp: 1074940

Ion Ratio Lower Upper

45 100

77 39.4 0.0 36.4#

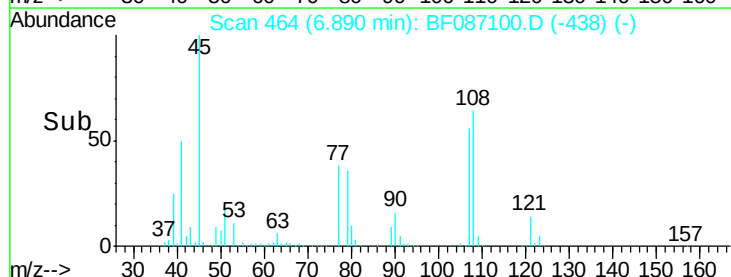
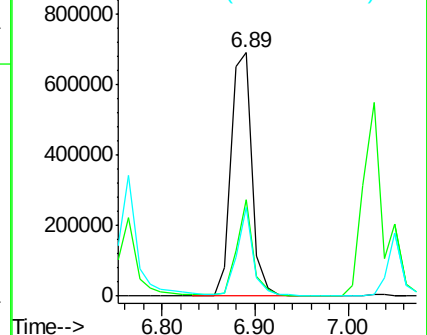
79 36.5 0.0 33.4#

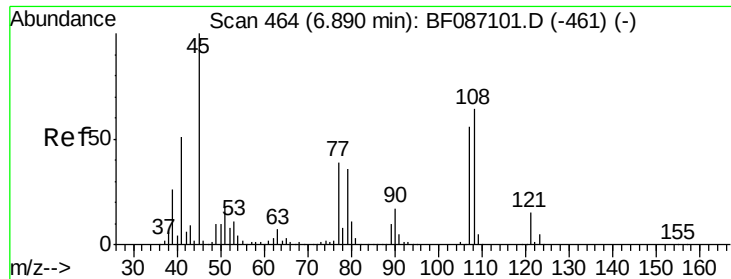


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

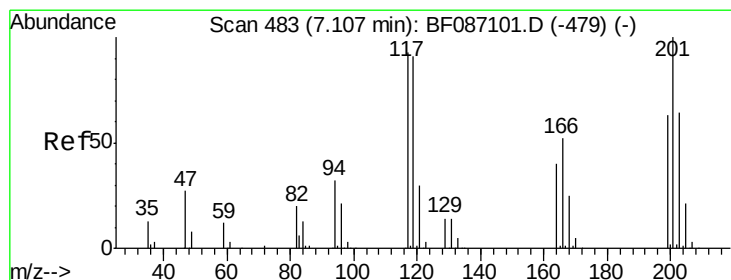
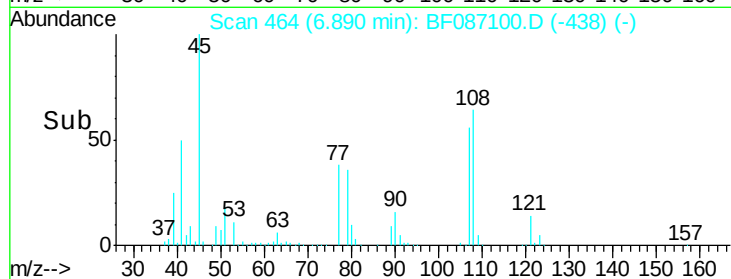
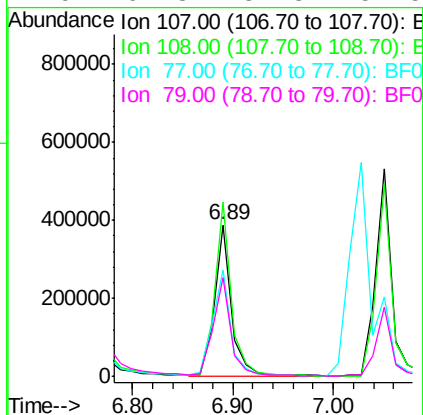
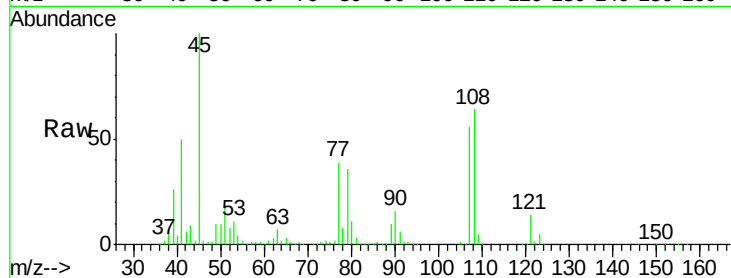




#17
2-Methylphenol
Concen: 51.73 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

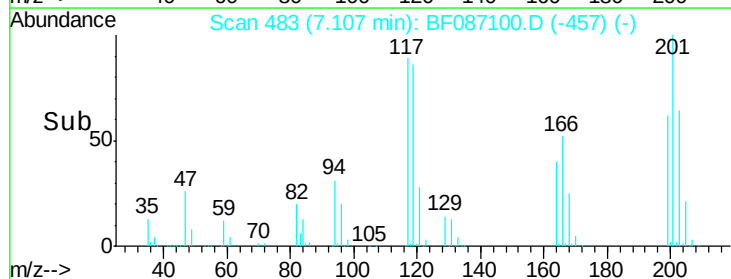
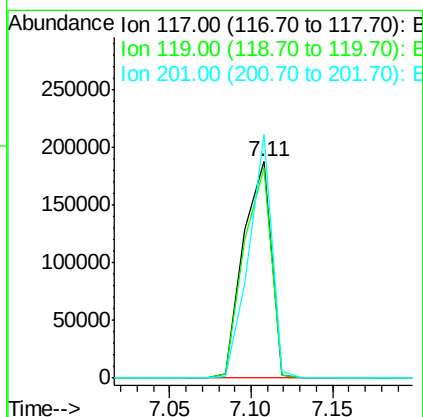
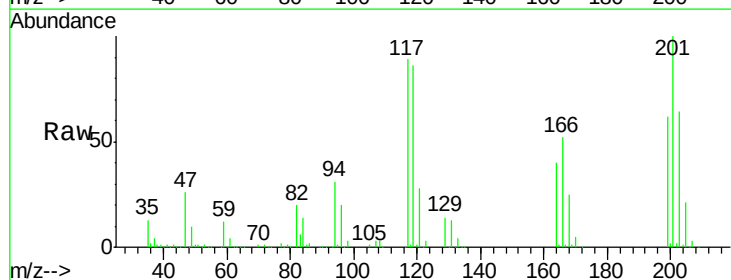
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

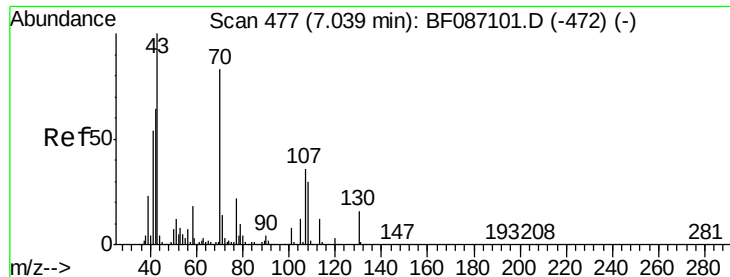
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.7	140.5
77	69.9	33.4	50.0
79	64.8	34.3	51.5



#18
Hexachloroethane
Concen: 49.65 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.5	114.7
201	112.4	63.0	94.6

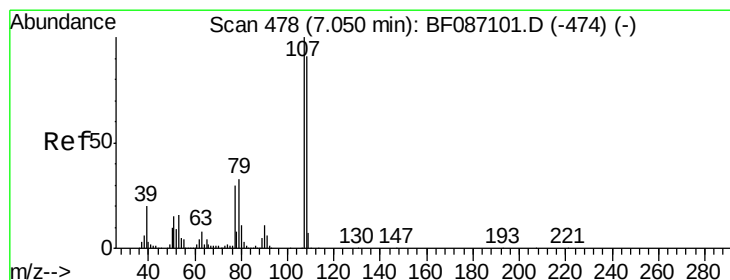
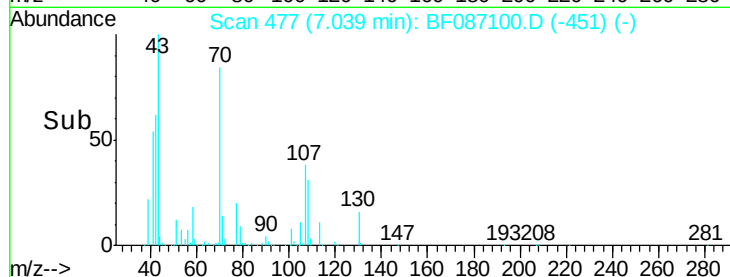
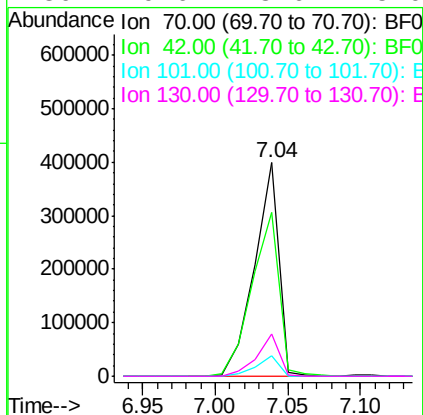
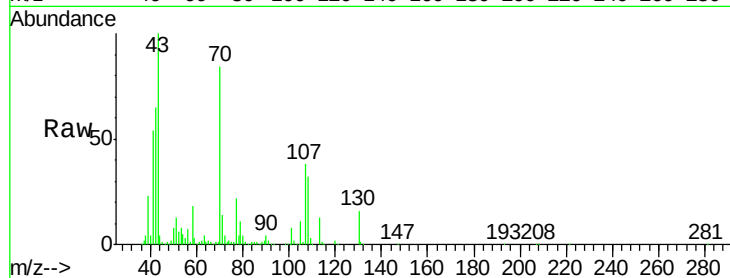




#19
n-Nitroso-di-n-propylamine
Concen: 56.34 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

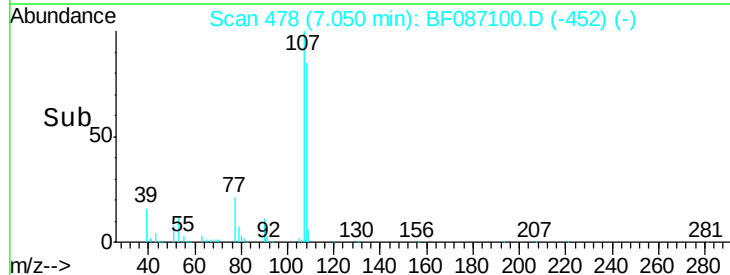
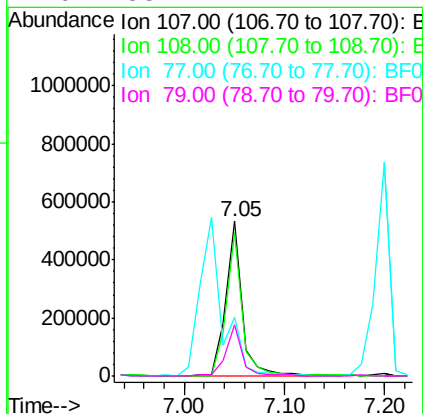
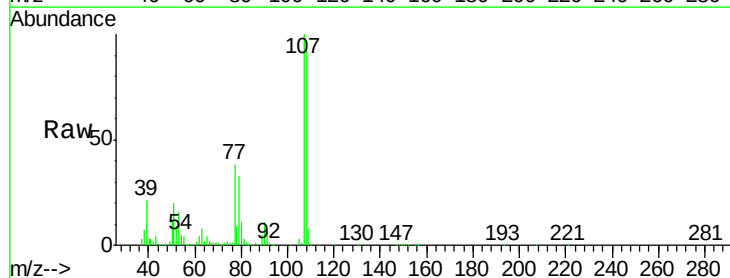
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

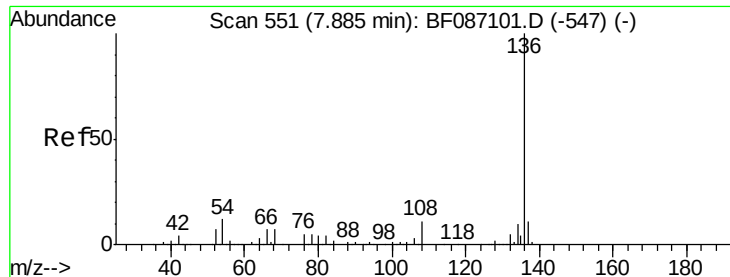
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	76.9	43.1	64.7	
101	9.6	8.1	12.1	
130	19.6	18.6	28.0	



#20
3+4-Methylphenols
Concen: 53.28 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	68.5	108.5	
77	38.1	101.6	141.6	
79	33.4	7.4	47.4	

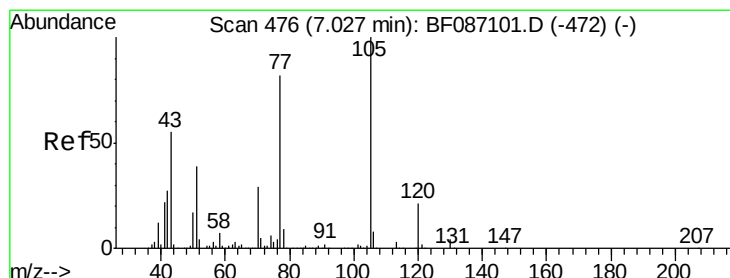
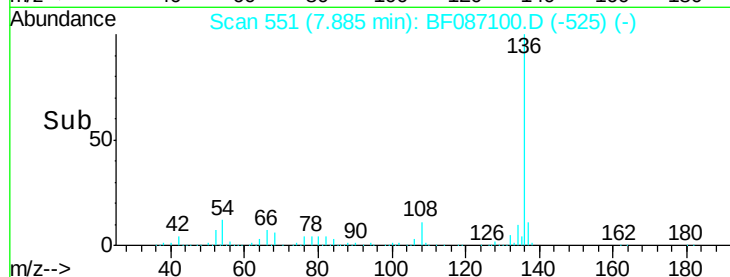
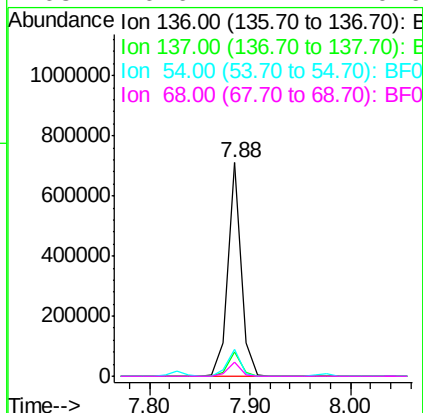
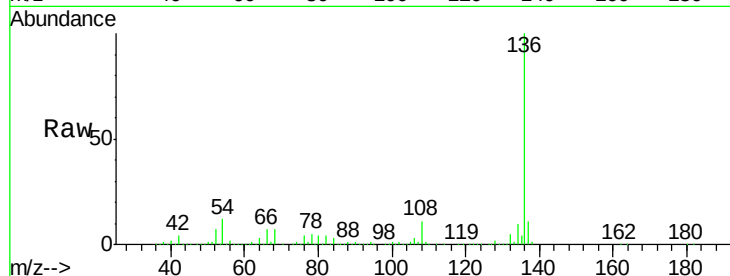




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

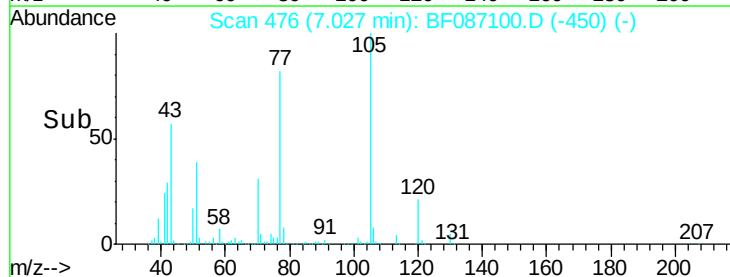
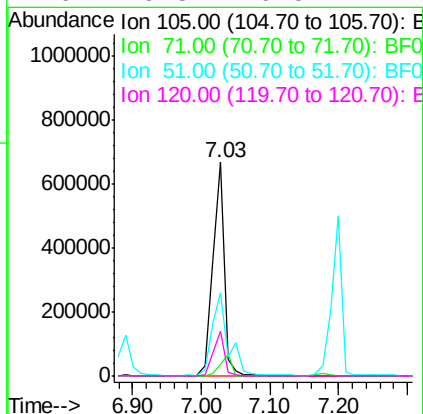
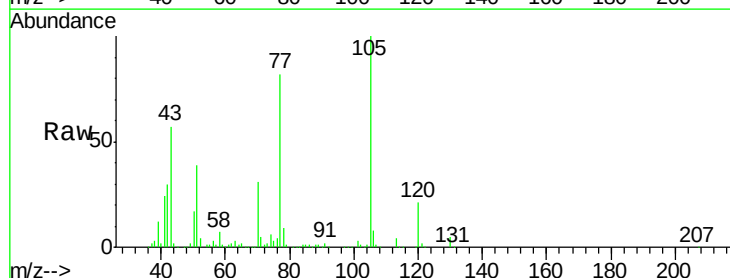
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

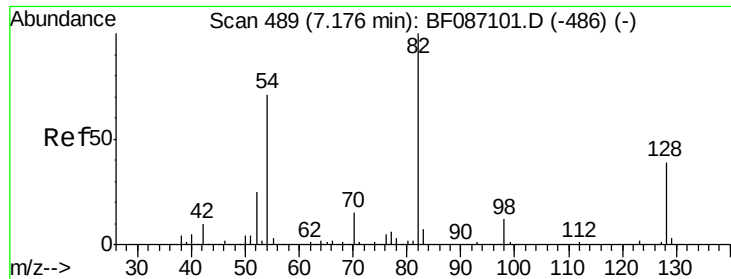
Tot Ion:136	Resp:	646501
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	12.5	5.0 7.4#
68	6.6	4.4 6.6#



#22
Acetophenone
Concen: 51.51 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion:105	Resp:	786646
Ion Ratio	Lower	Upper
105	100	
71	5.2	4.8 7.2
51	39.0	32.6 49.0
120	20.8	16.5 24.7

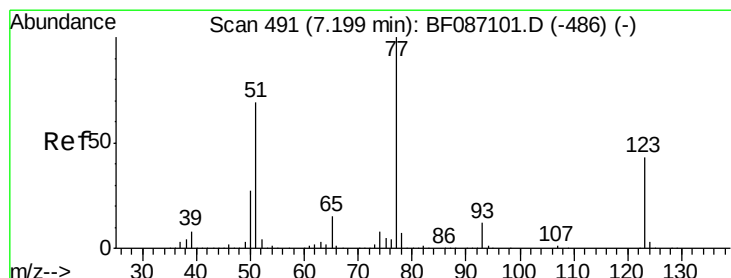
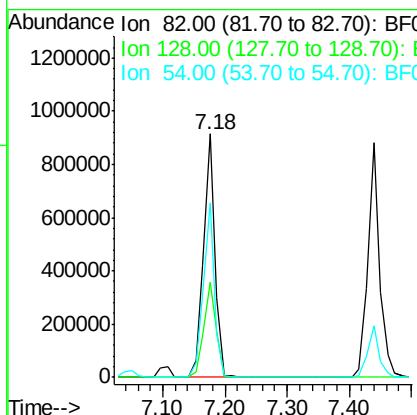
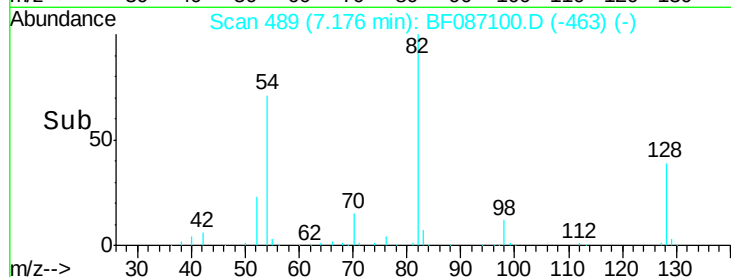
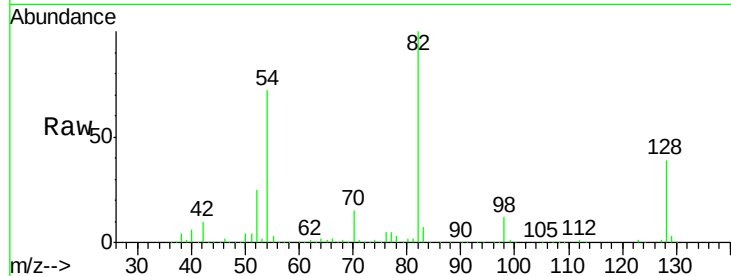




#23
 Nitrobenzene-d5
 Concen: 92.28 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

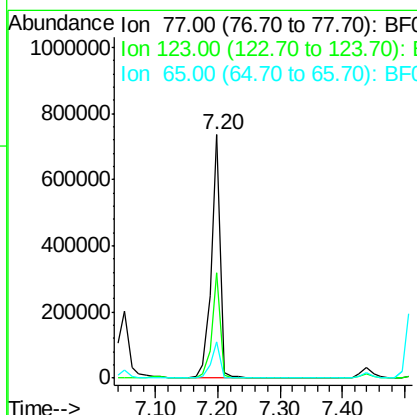
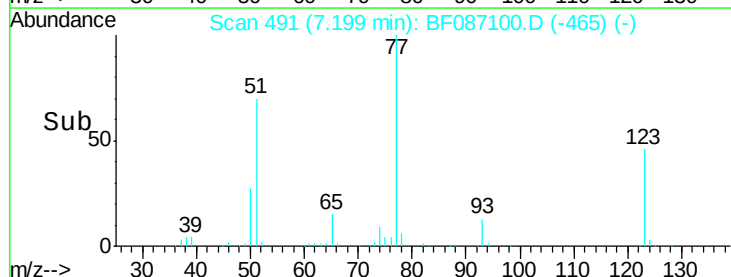
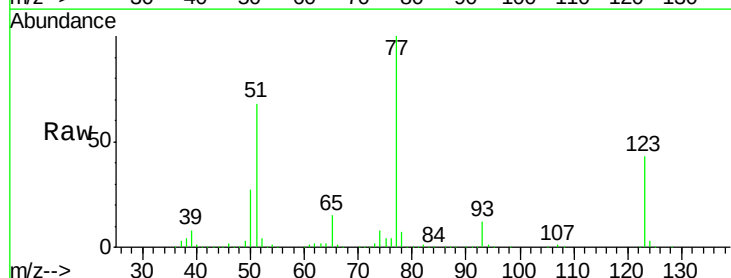
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

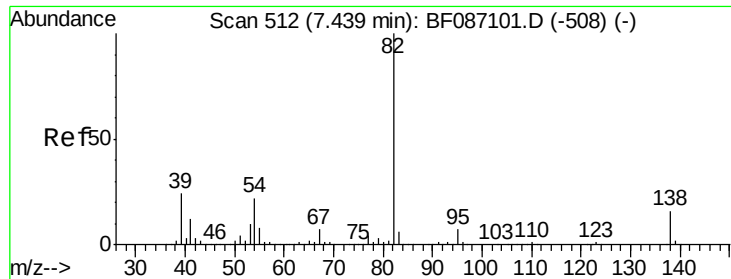
Tot Ion: 82 Resp: 1188160
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 71.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 55.11 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion: 77 Resp: 729870
 Ion Ratio Lower Upper
 77 100
 123 43.5 33.0 49.4
 65 14.7 10.8 16.2





#25

Isophorone

Concen: 47.82 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

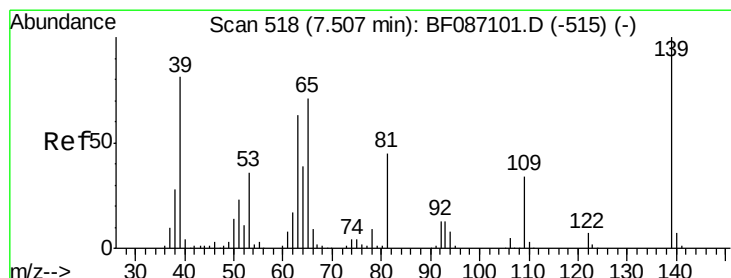
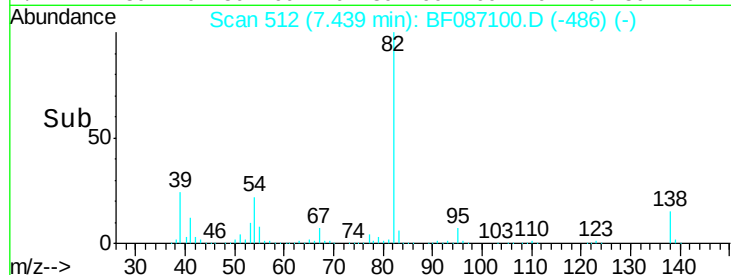
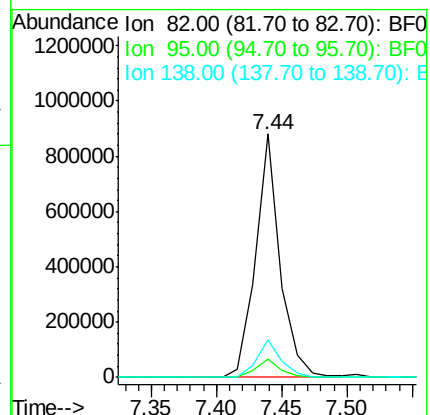
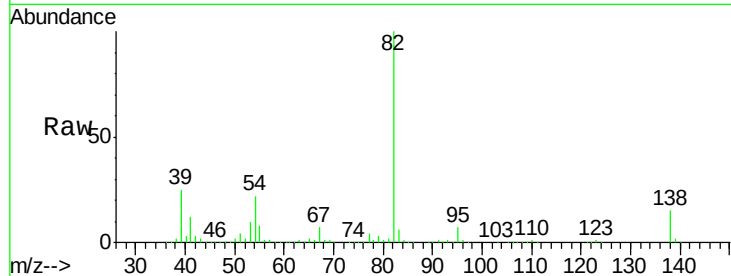
Tot Ion: 82 Resp: 1142421

Ion Ratio Lower Upper

82 100

95 7.3 5.1 7.7

138 15.4 12.4 18.6



#26

2-Nitrophenol

Concen: 47.33 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

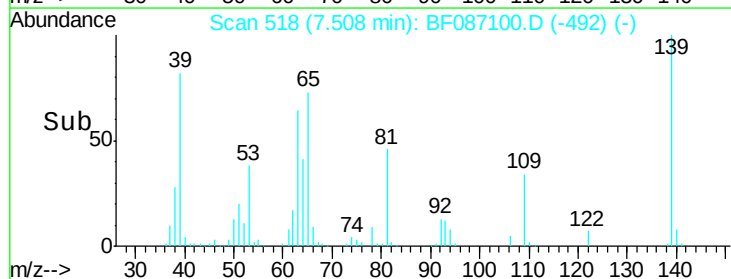
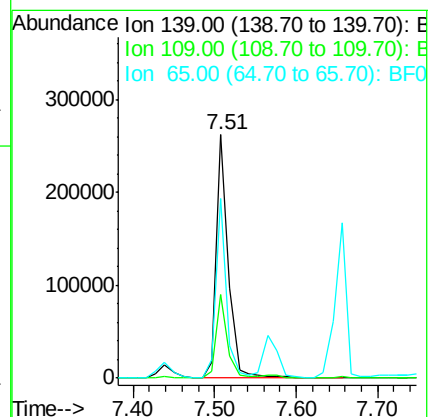
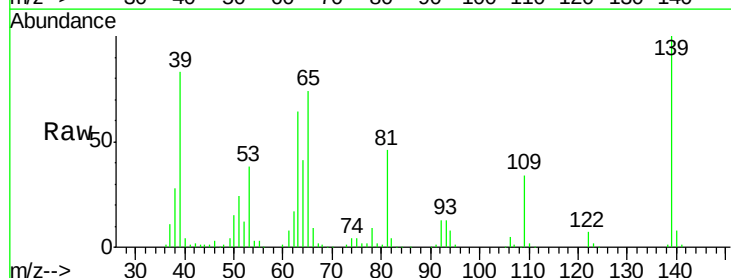
Tgt Ion: 139 Resp: 275574

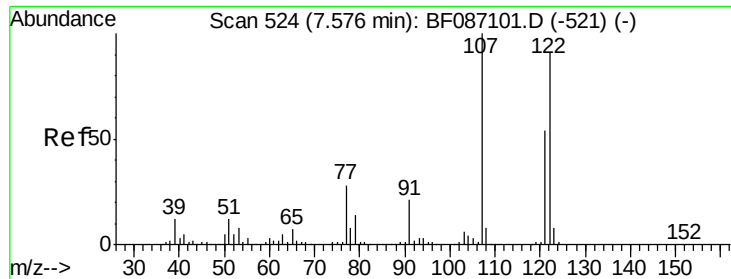
Ion Ratio Lower Upper

139 100

109 34.5 19.5 29.3#

65 73.9 37.5 56.3#





#27

2,4-Dimethylphenol

Concen: 48.23 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

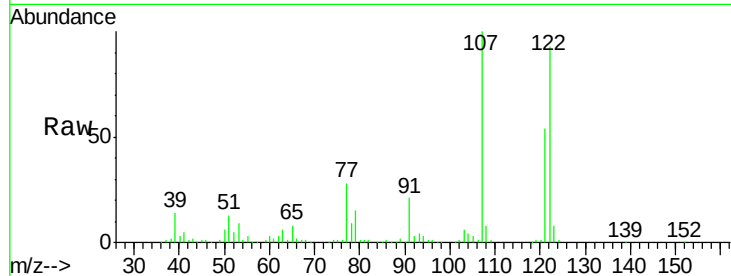
Tot Ion:122 Resp: 478305

Ion Ratio Lower Upper

122 100

107 108.1 82.0 123.0

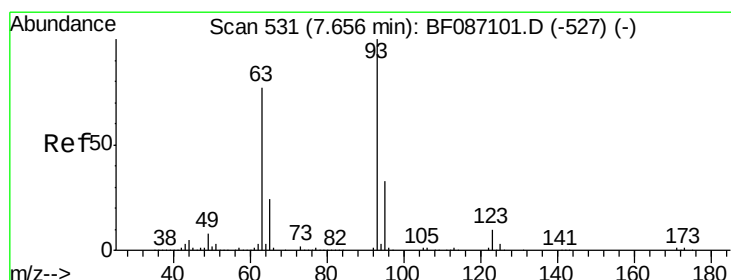
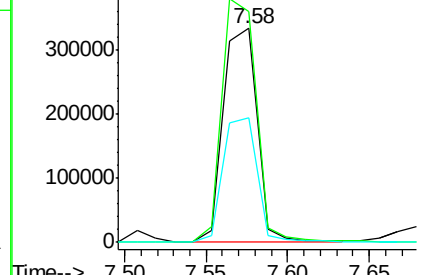
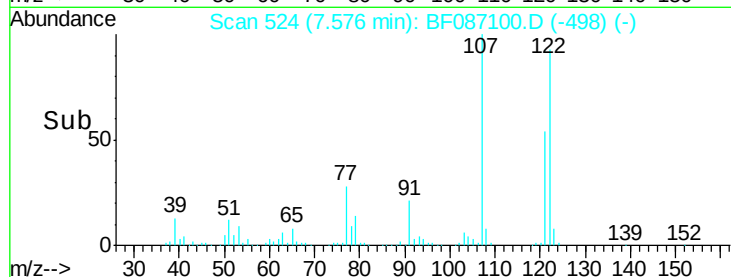
121 58.0 46.1 69.1



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: 52.96 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

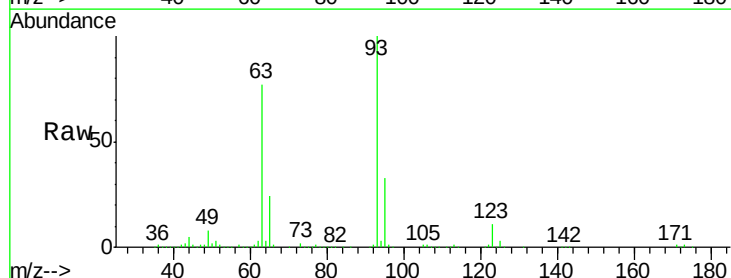
Tgt Ion: 93 Resp: 682388

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

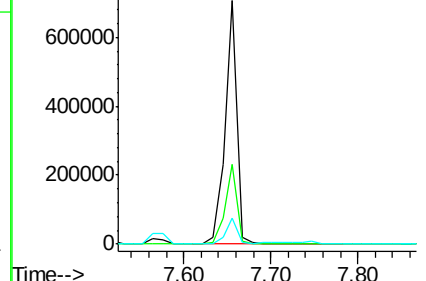
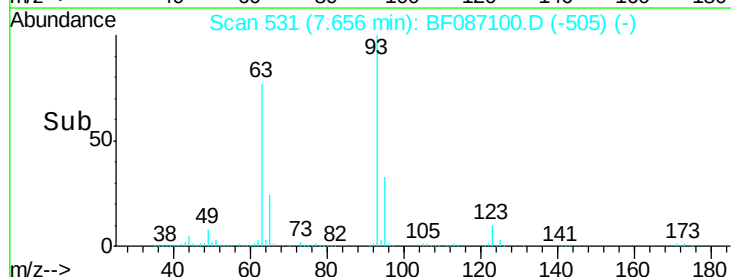
123 10.5 9.5 14.3

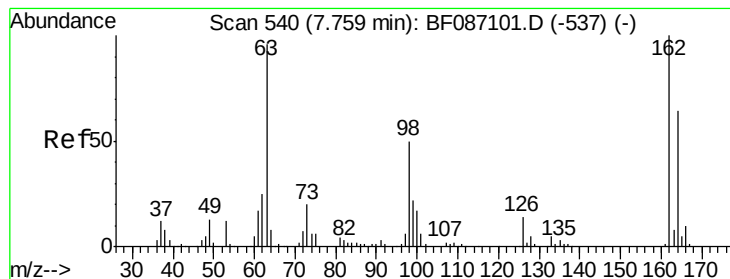


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.97 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

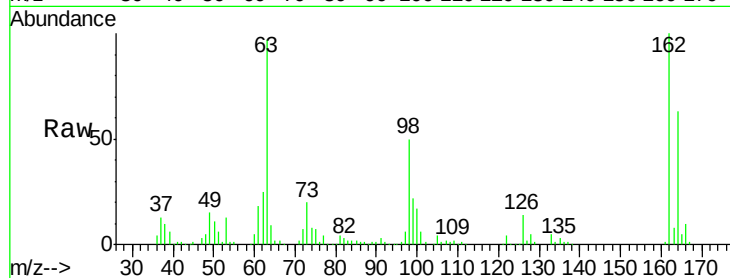
Tot Ion:162 Resp: 418753

Ion Ratio Lower Upper

162 100

164 63.0 42.2 82.2

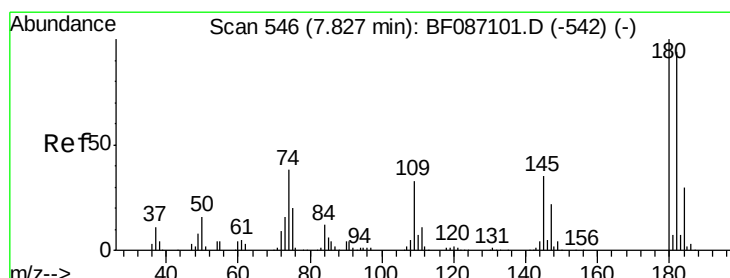
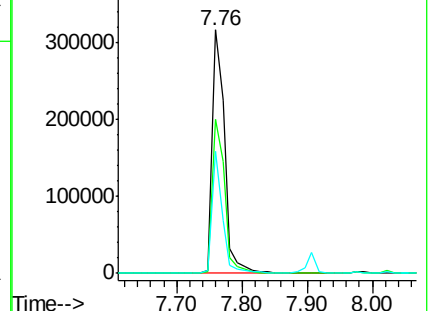
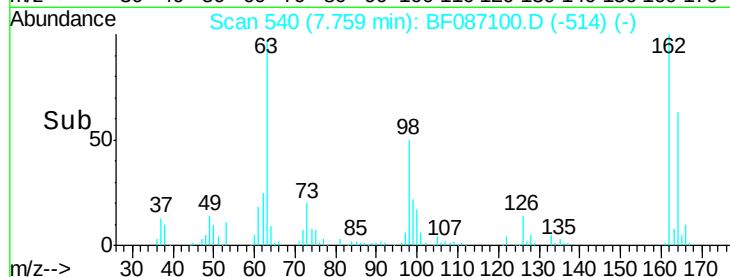
98 49.9 19.0 59.0



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: 46.27 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

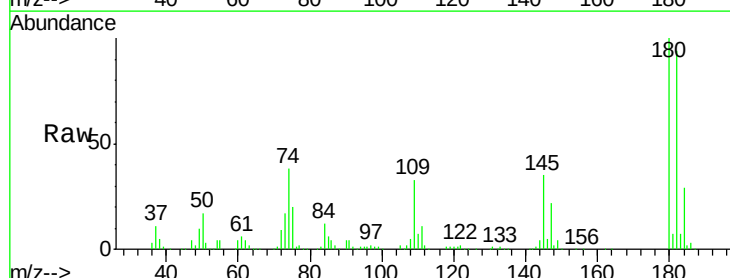
Tgt Ion:180 Resp: 451546

Ion Ratio Lower Upper

180 100

182 94.1 78.0 117.0

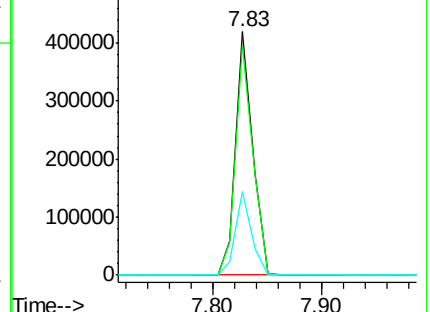
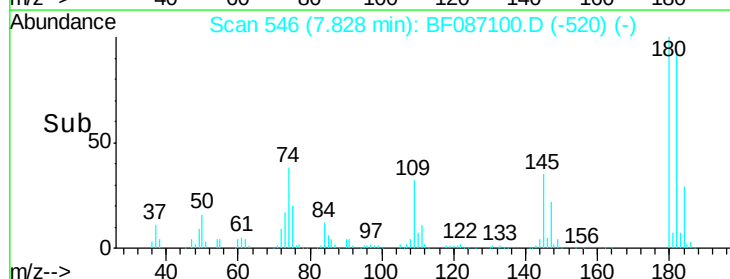
145 34.5 24.2 36.2

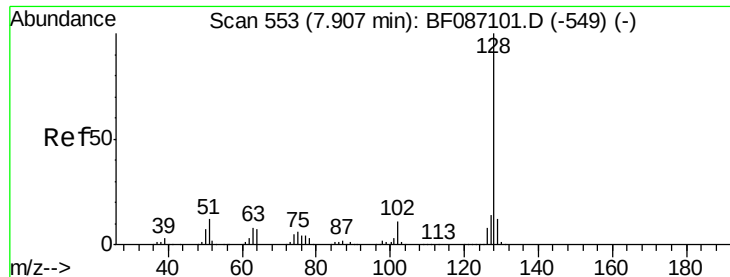


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.46 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

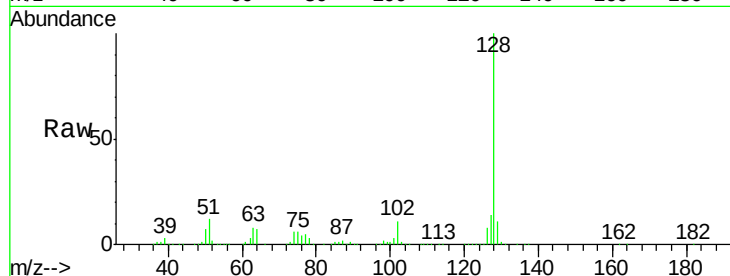
Tot Ion:128 Resp: 1472197

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

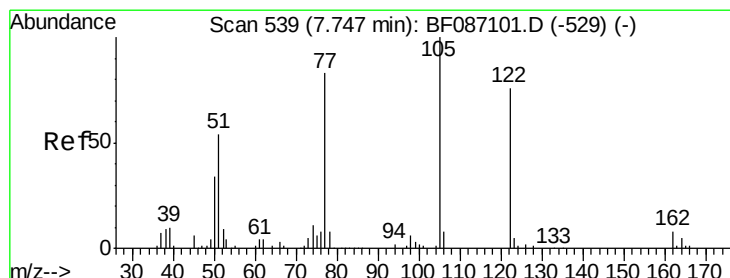
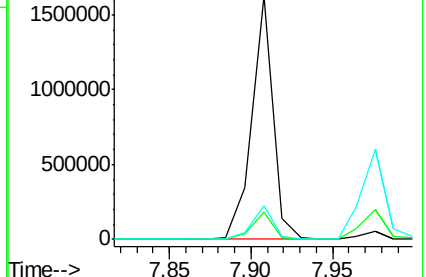
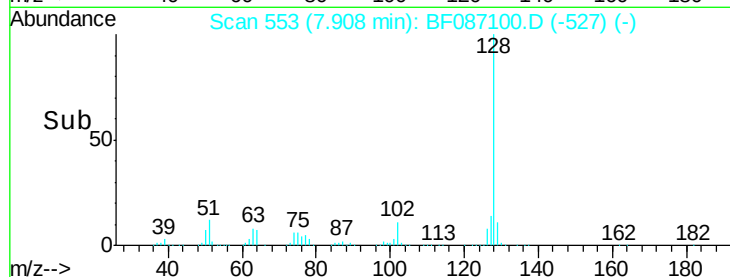
127 14.0 10.8 16.2



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: 50.30 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

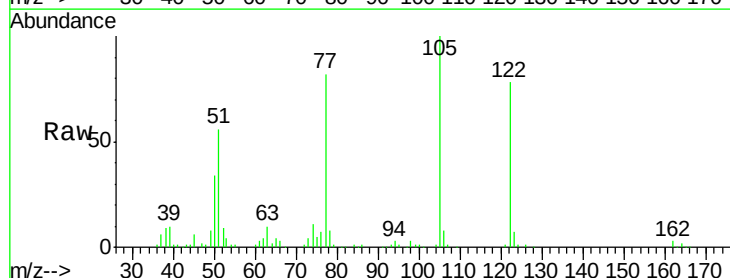
Tgt Ion:122 Resp: 292991

Ion Ratio Lower Upper

122 100

105 127.9 92.6 132.6

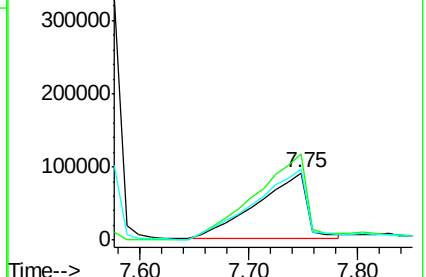
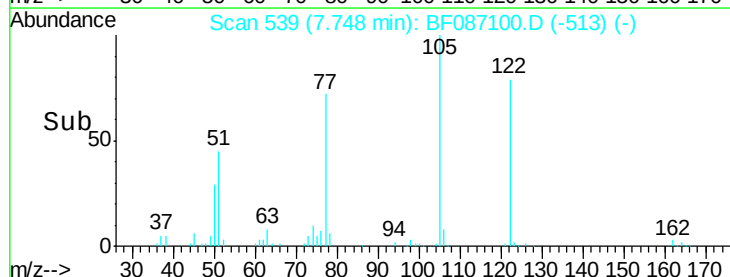
77 104.9 60.0 100.0#

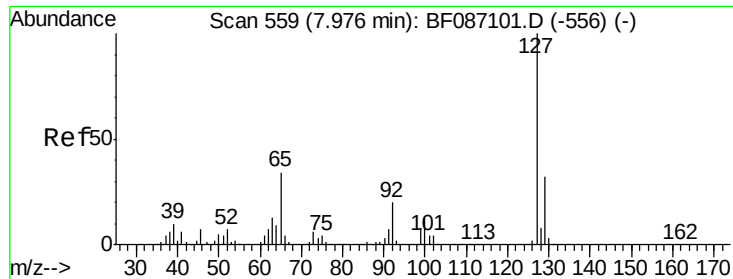


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

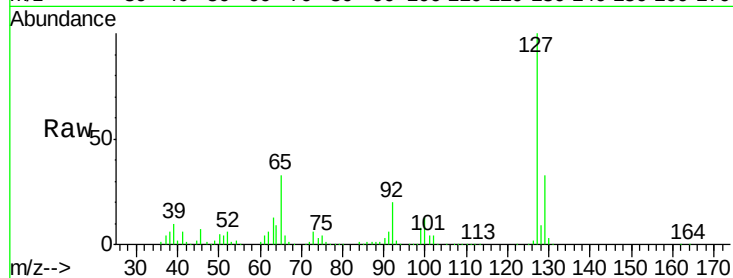




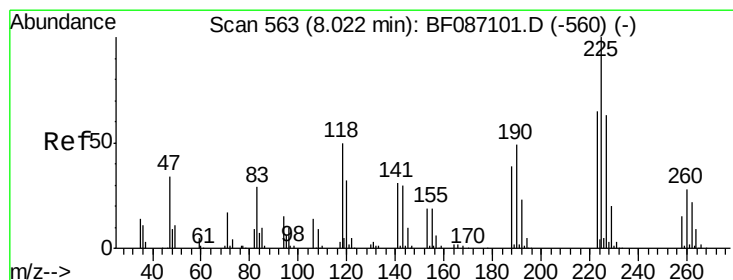
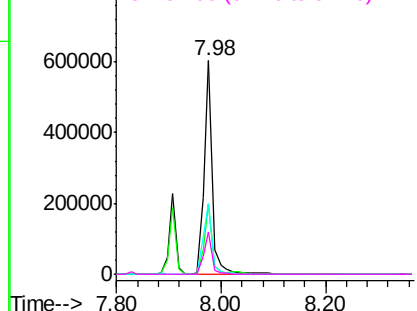
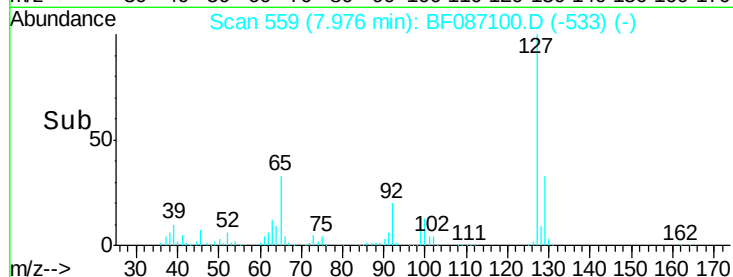
#33
4-Chloroaniline
Concen: 52.02 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:127	Resp:	654535
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.2 39.4
65	33.2	23.0 34.4
92	19.6	15.1 22.7

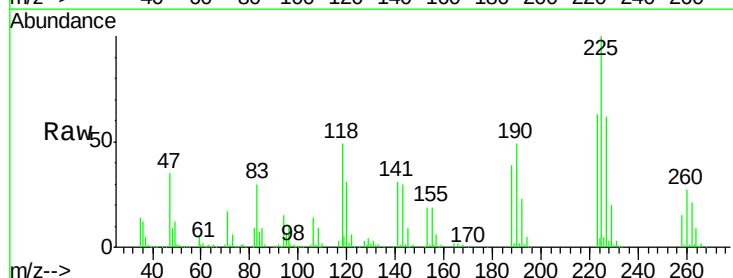


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

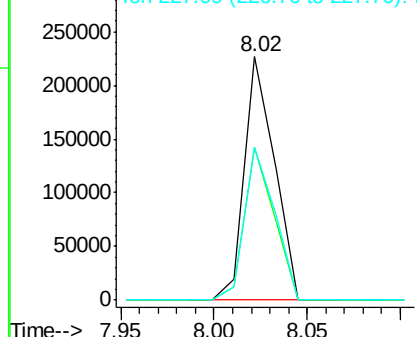
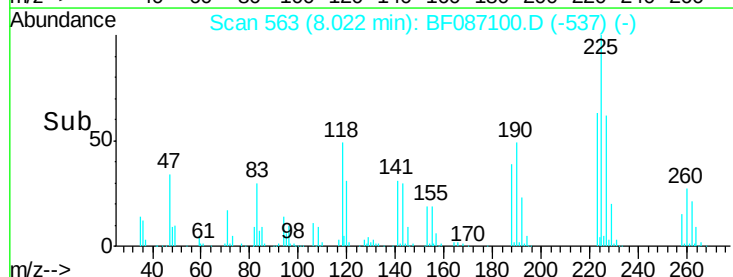


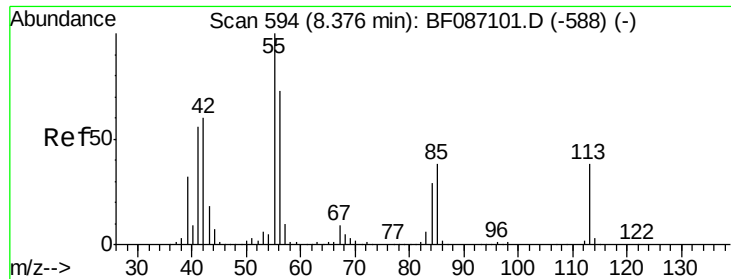
#34
Hexachlorobutadiene
Concen: 44.67 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion:225	Resp:	252968
Ion Ratio	Lower	Upper
225	100	
223	62.9	51.5 77.3
227	62.5	52.2 78.2



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





#35

Caprolactam

Concen: 48.75 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

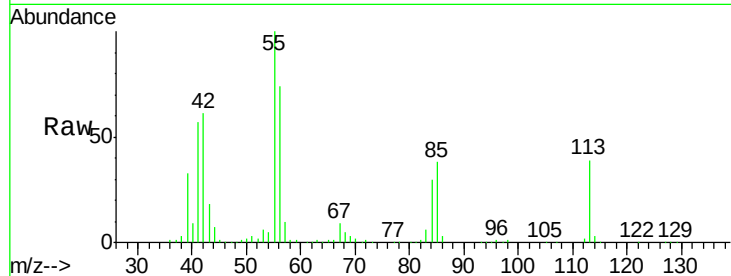
Tot Ion:113 Resp: 144782

Ion Ratio Lower Upper

113 100

55 254.0 162.0 202.0#

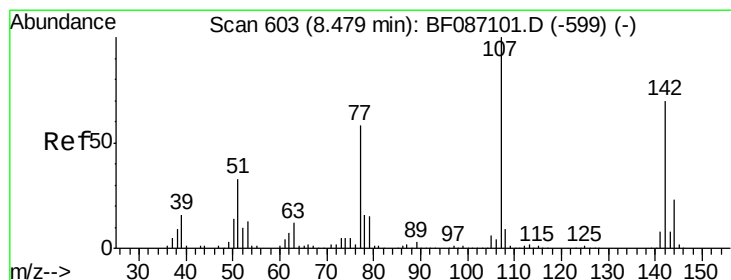
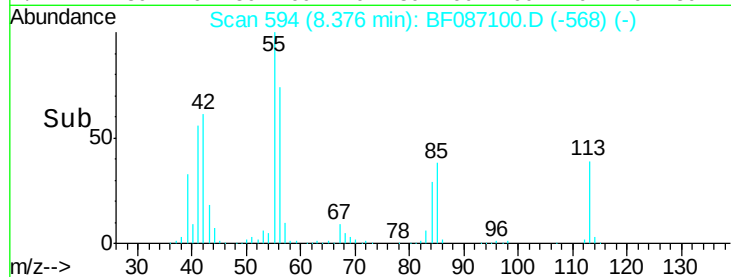
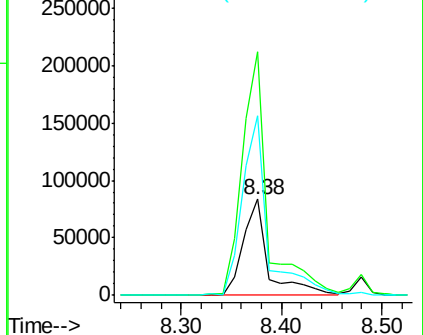
56 187.4 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.57 ng

RT: 8.48 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

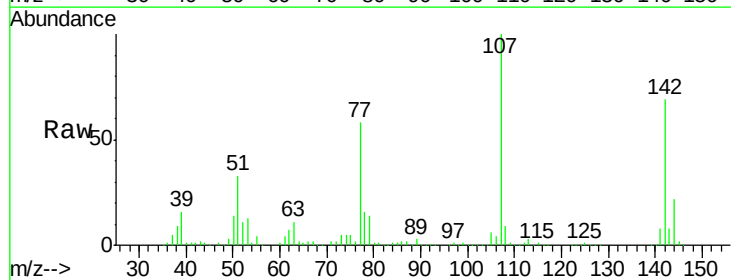
Tgt Ion:107 Resp: 503576

Ion Ratio Lower Upper

107 100

144 22.3 20.7 31.1

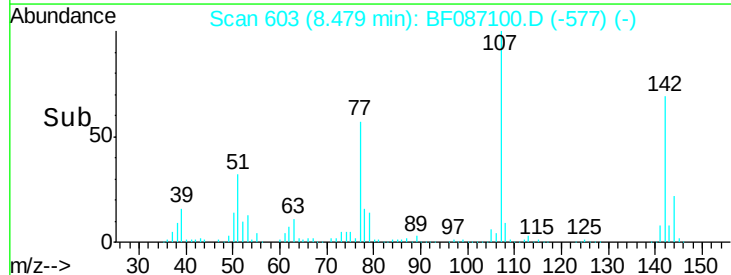
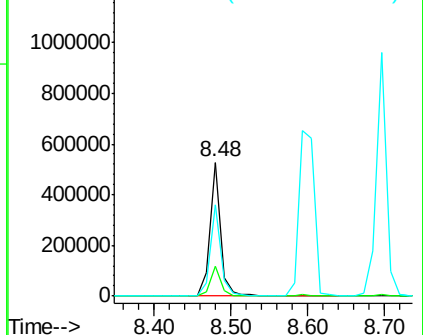
142 68.6 63.2 94.8

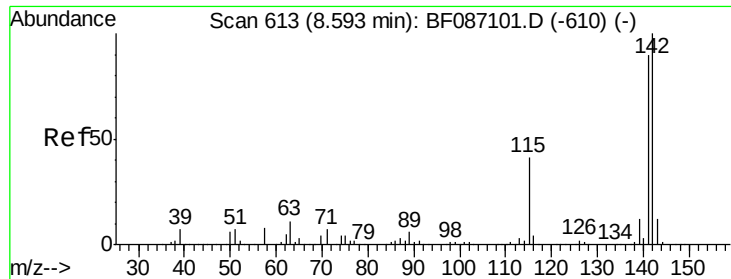


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

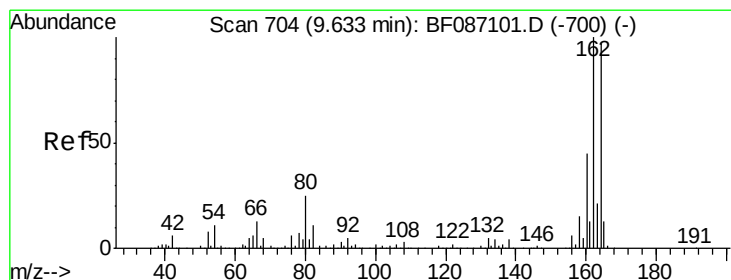
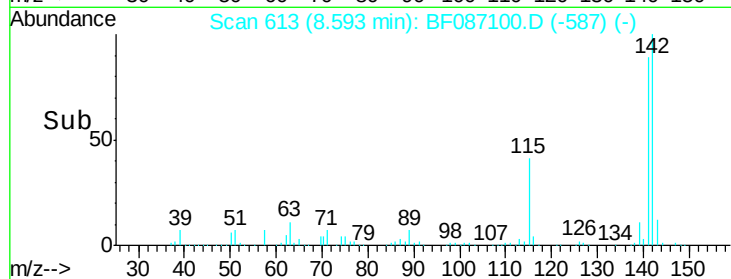
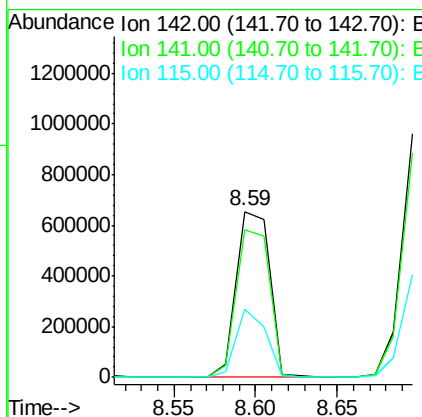
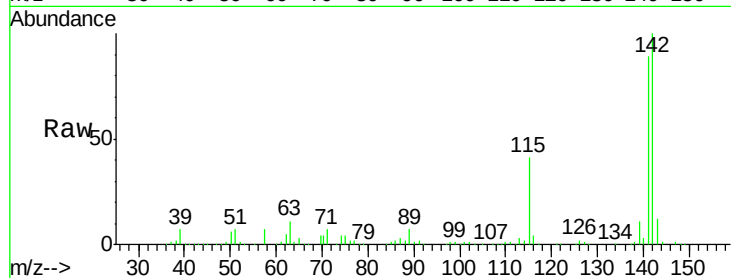




#37
2-Methylnaphthalene
Concen: 48.78 ng
RT: 8.59 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

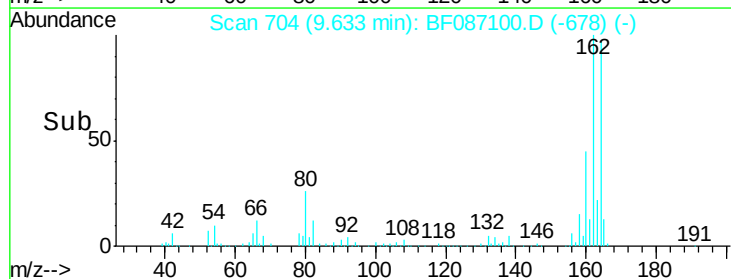
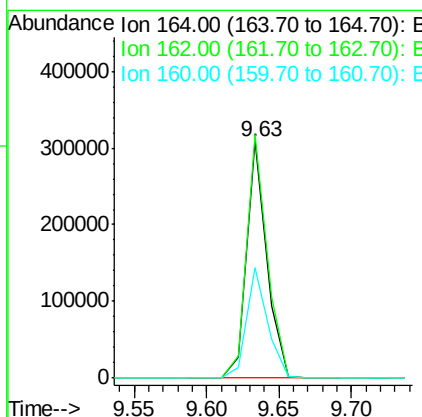
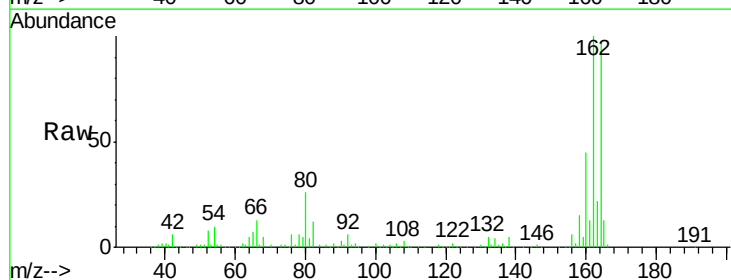
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

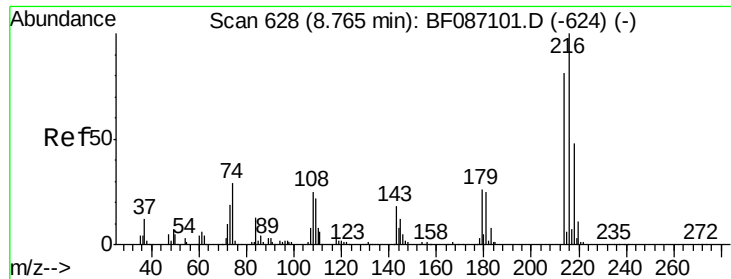
Tot Ion:142 Resp: 923481
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6
115 40.9 26.6 39.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion:164 Resp: 296864
Ion Ratio Lower Upper
164 100
162 102.7 82.8 124.2
160 46.4 36.9 55.3

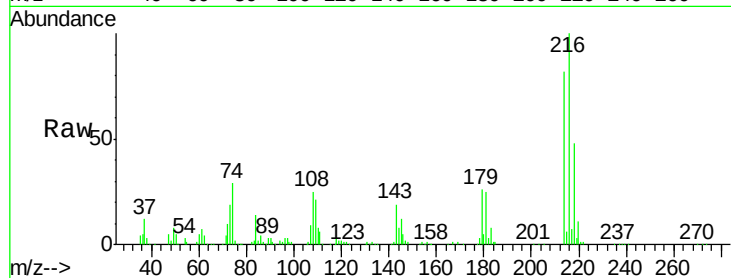




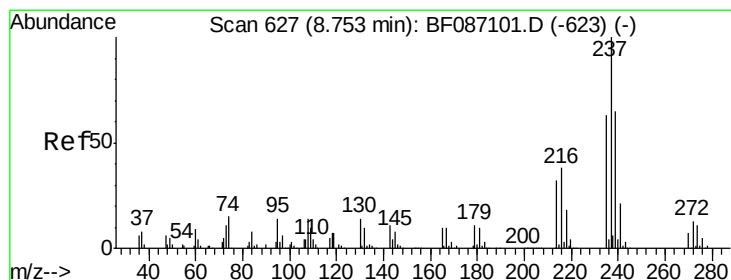
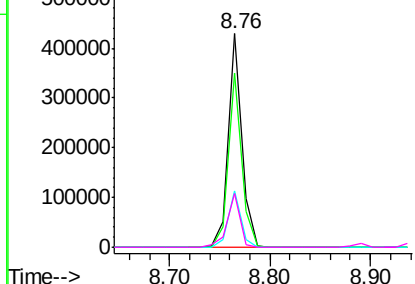
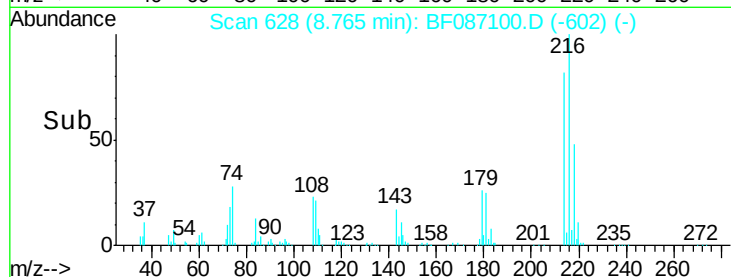
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.66 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC050

Tot Ion:216	Resp:	402706
Ion Ratio	Lower	Upper
216	100	
214	80.1	62.6 93.8
179	24.4	18.2 27.4
108	24.3	17.5 26.3

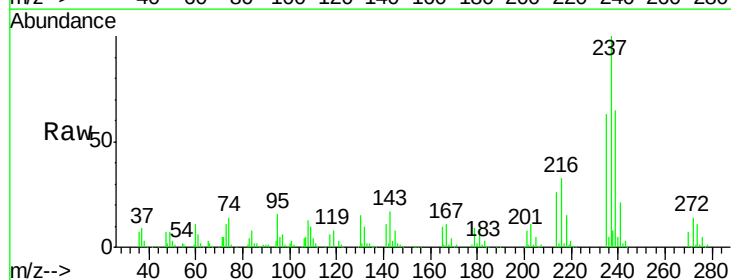


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

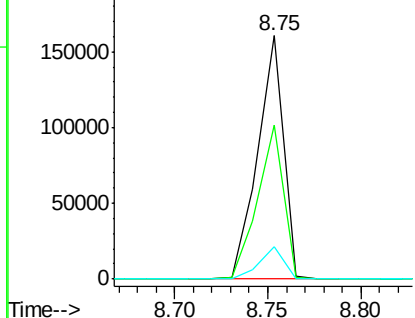
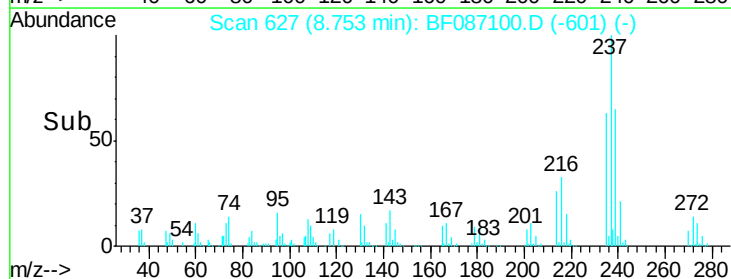


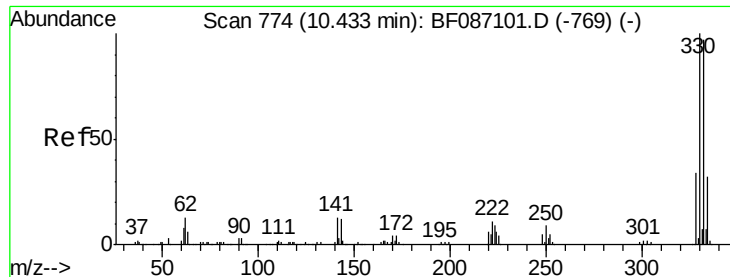
#40
 Hexachlorocyclopentadiene
 Concen: 37.43 ng
 RT: 8.75 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion:237	Resp:	153343
Ion Ratio	Lower	Upper
237	100	
235	63.0	47.2 87.2
272	13.5	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

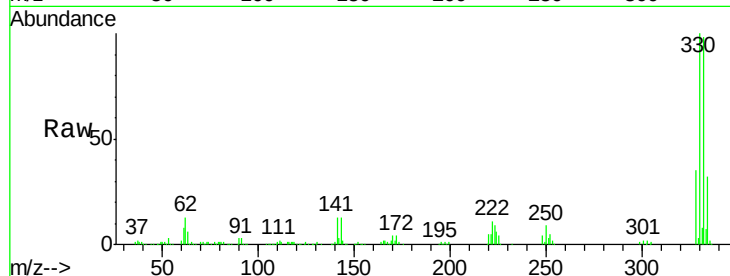




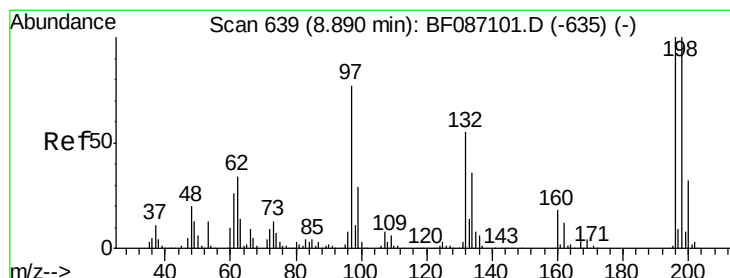
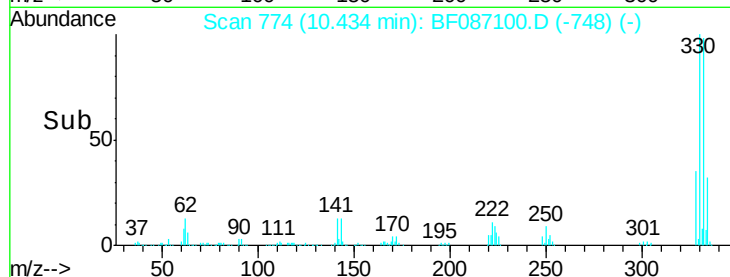
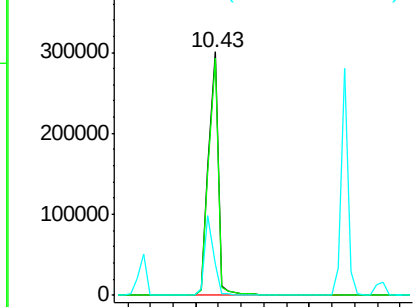
#41
 2,4,6-Tribromophenol
 Concen: 108.92 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	31.3	31.2	46.8

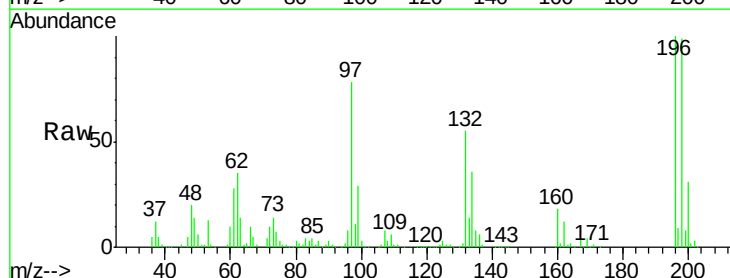


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

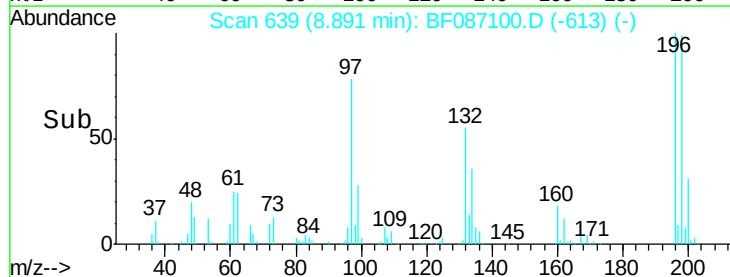
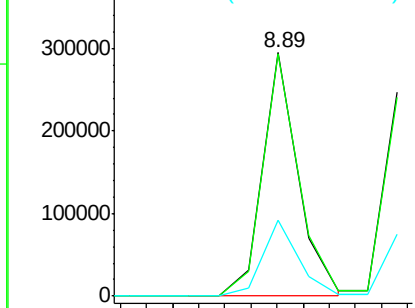


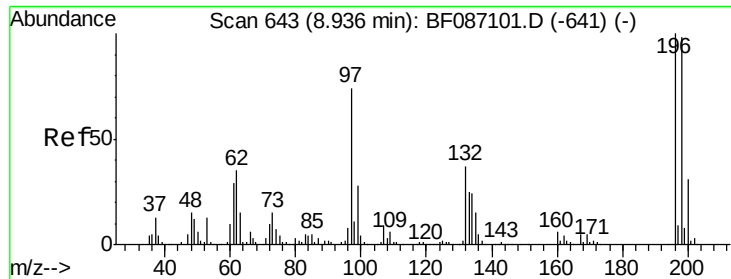
#42
 2,4,6-Trichlorophenol
 Concen: 47.94 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	74.7	112.1
200	31.3	23.8	35.6



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

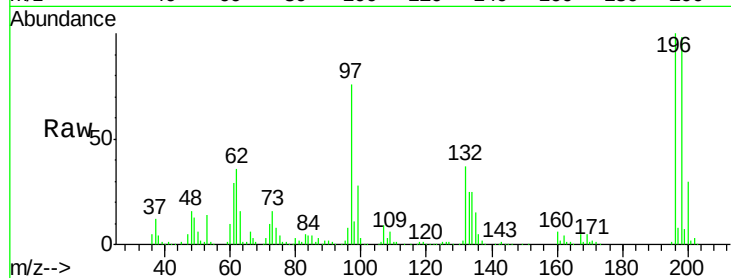




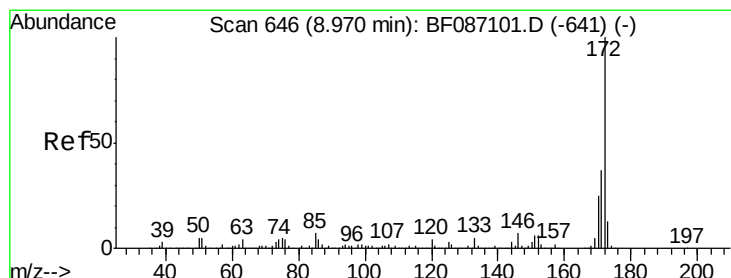
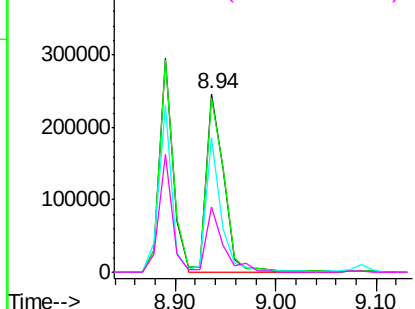
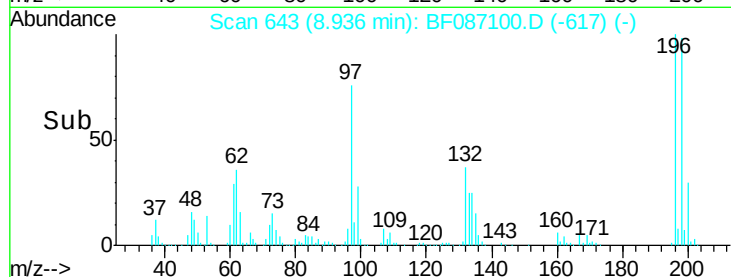
#43
 2,4,5-Trichlorophenol
 Concen: 49.38 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	196	Resp	294743
Ion Ratio	Lower	Upper	
196	100		
198	97.8	77.5	116.3
97	75.7	34.8	52.2#
132	36.6	23.0	34.4#

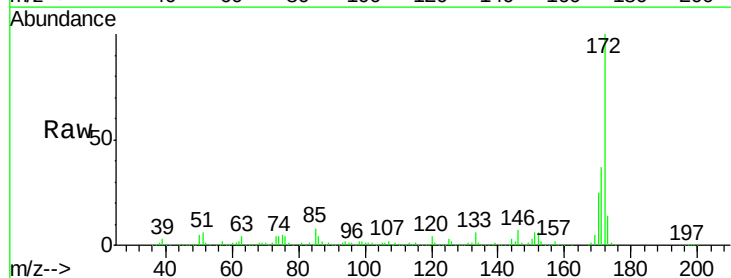


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

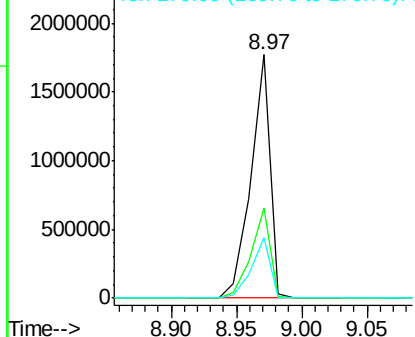
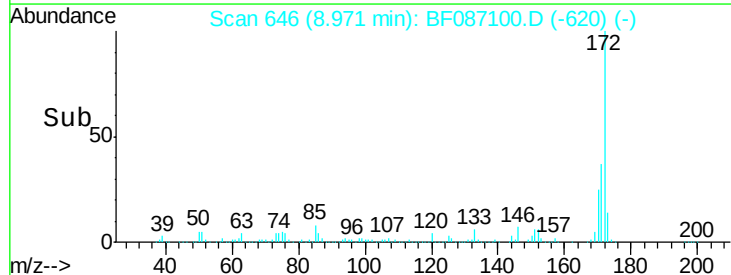


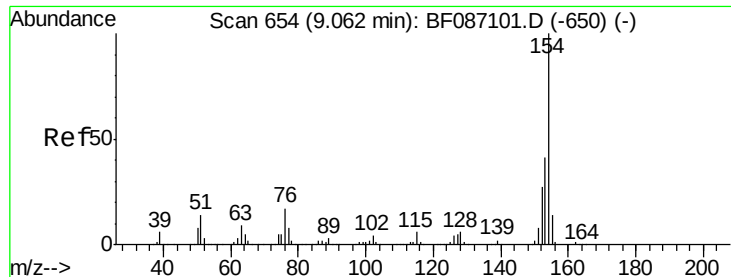
#44
 2-Fluorobiphenyl
 Concen: 102.84 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion	172	Resp	1816548
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.0	43.6
170	25.1	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: 47.99 ng

RT: 9.06 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

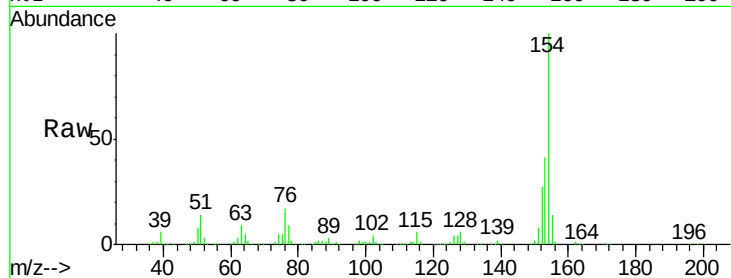
Tot Ion:154 Resp: 1133239

Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

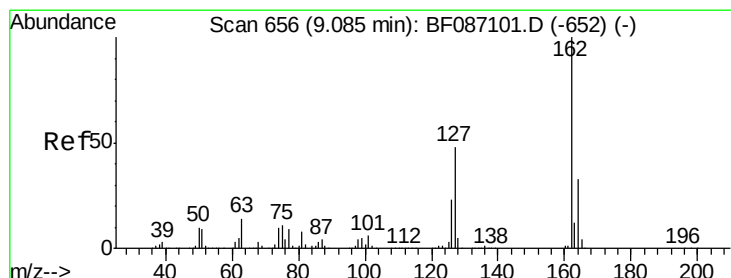
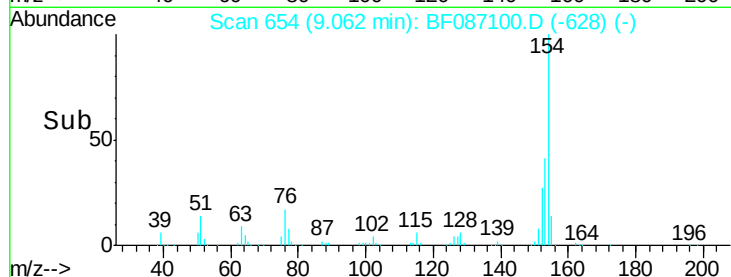
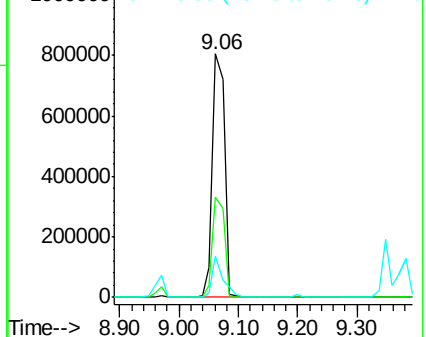
76 17.2 0.0 30.2



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: 48.16 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

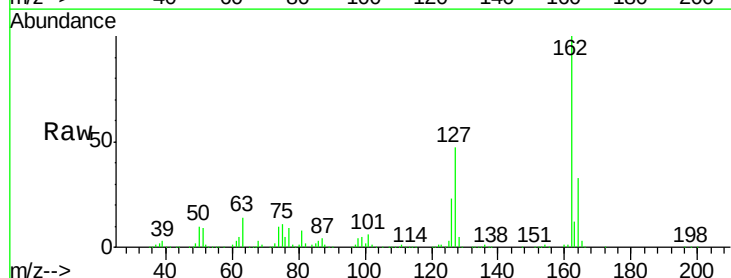
Tgt Ion:162 Resp: 891030

Ion Ratio Lower Upper

162 100

127 47.1 31.8 47.6

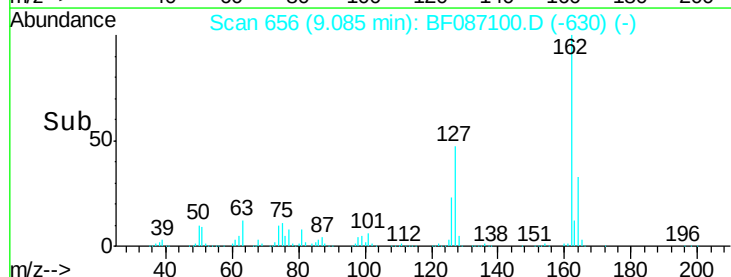
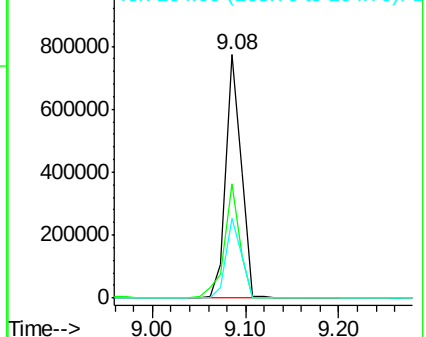
164 33.0 27.0 40.6

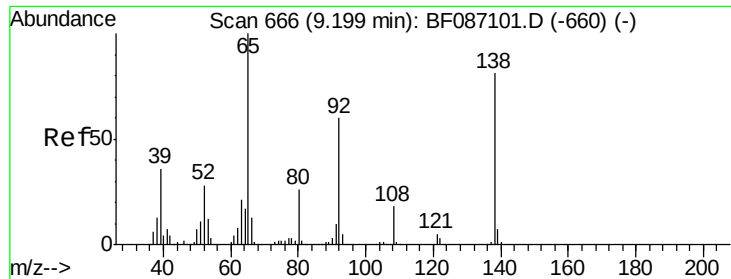


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

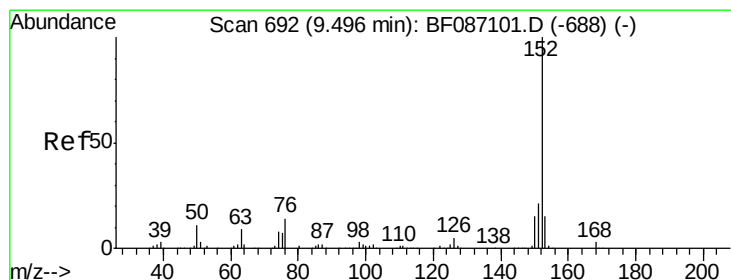
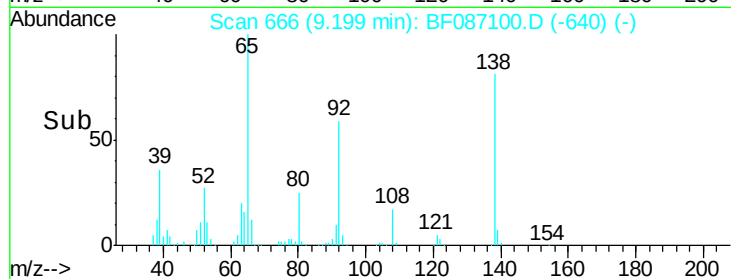
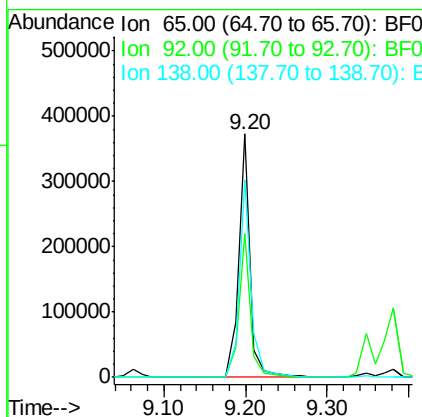
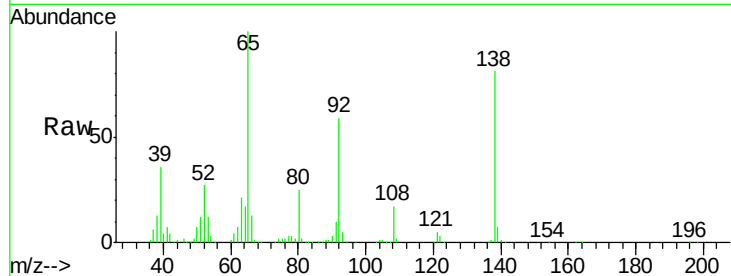




#47
2-Nitroaniline
Concen: 53.74 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

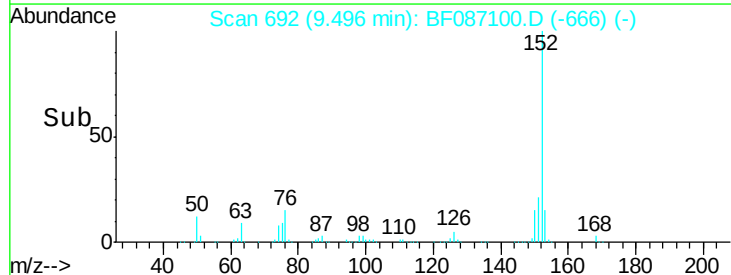
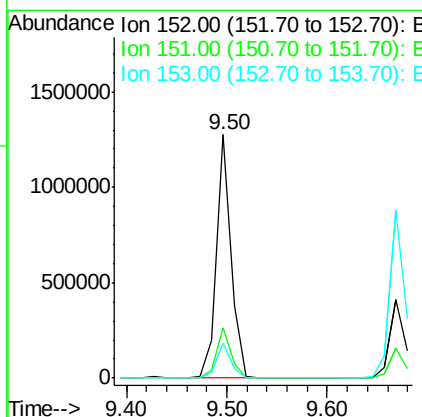
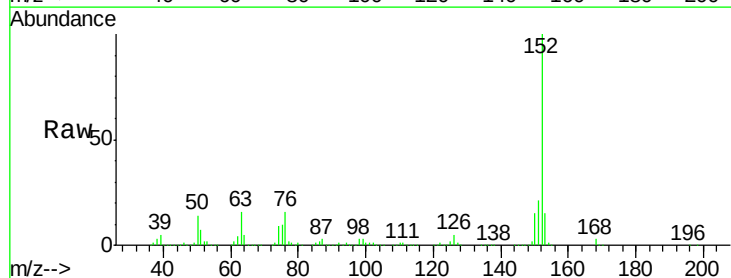
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

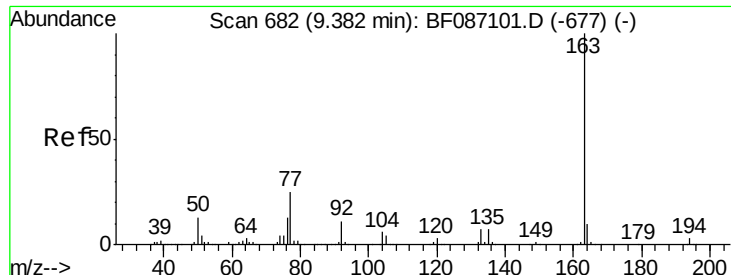
Tot Ion: 65 Resp: 363337
Ion Ratio Lower Upper
65 100
92 59.2 57.4 86.2
138 81.0 90.1 135.1#



#48
Acenaphthylene
Concen: 47.29 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion: 152 Resp: 1286823
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 14.5 10.9 16.3

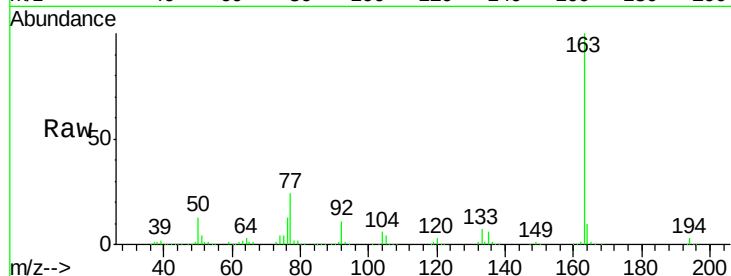




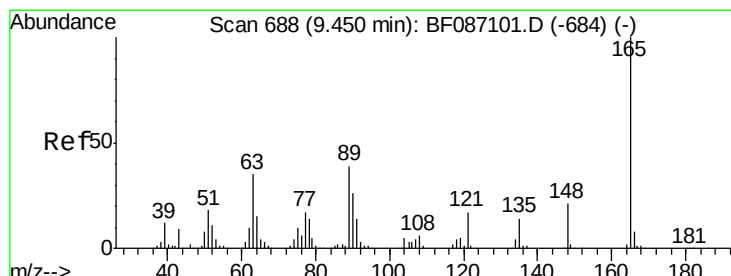
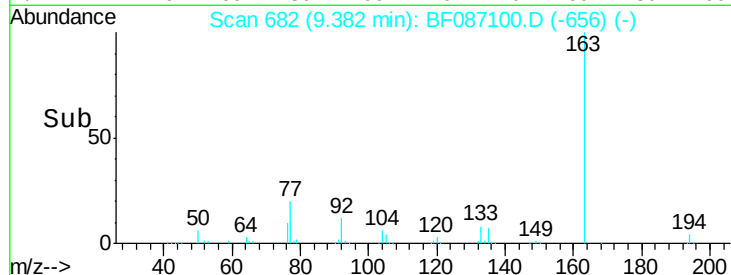
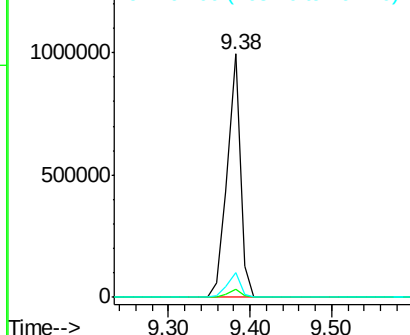
#49
Dimethylphthalate
Concen: 49.14 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:163 Resp: 1112849
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.2 12.4

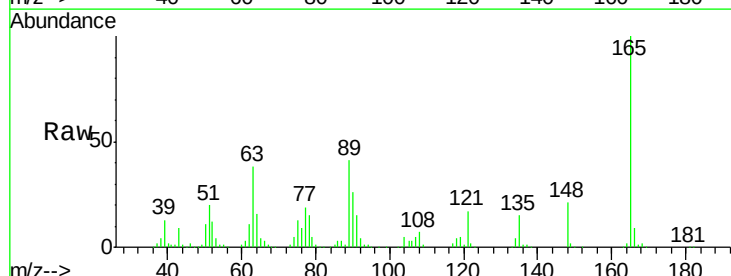


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

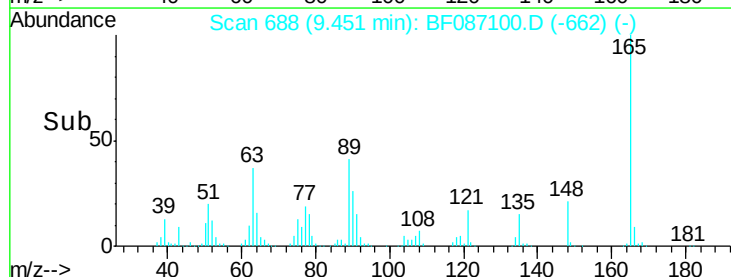
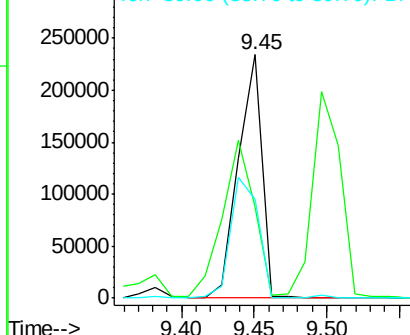


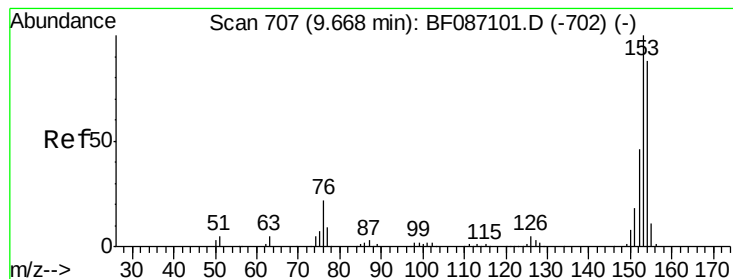
#50
2,6-Dinitrotoluene
Concen: 55.53 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion:165 Resp: 264691
Ion Ratio Lower Upper
165 100
63 37.5 51.8 77.8#
89 40.9 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: 47.41 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

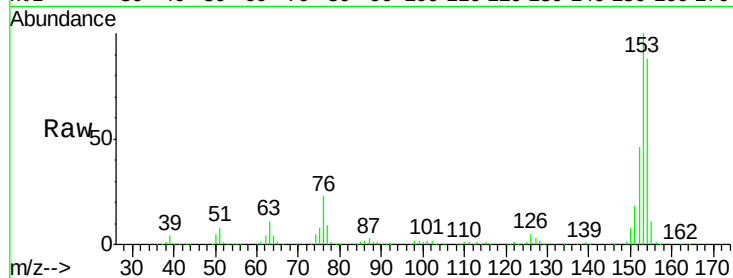
Tot Ion:154 Resp: 802546

Ion Ratio Lower Upper

154 100

153 113.5 89.8 134.6

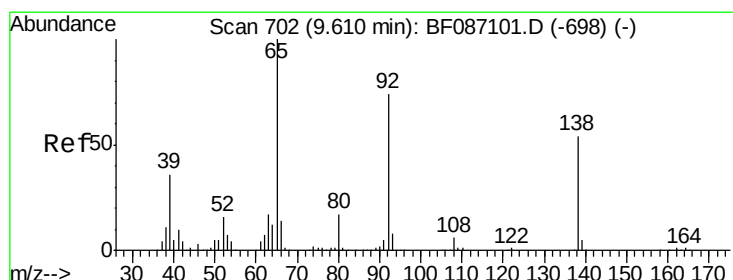
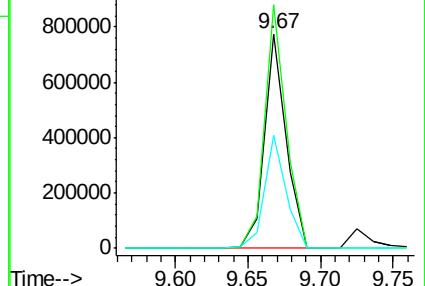
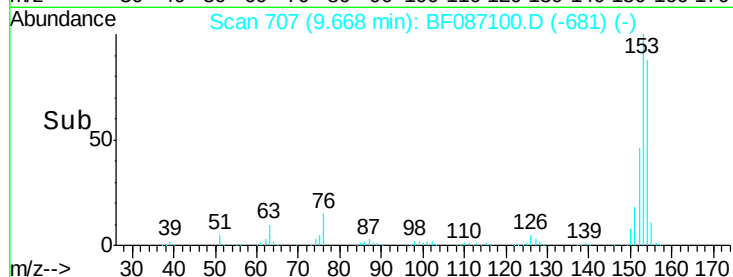
152 52.8 43.4 65.0



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: 54.57 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

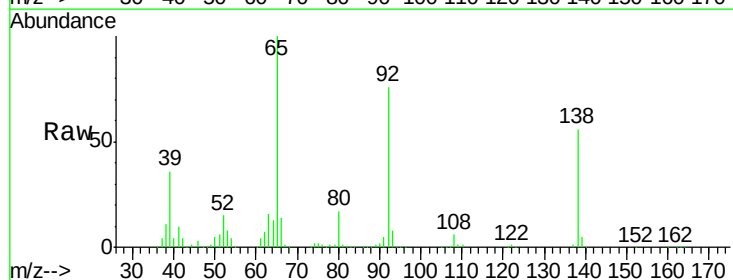
Tgt Ion:138 Resp: 273838

Ion Ratio Lower Upper

138 100

108 11.3 7.8 11.6

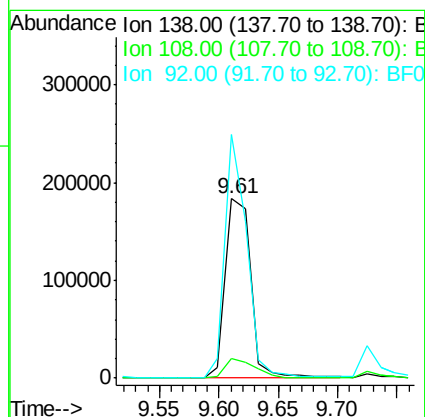
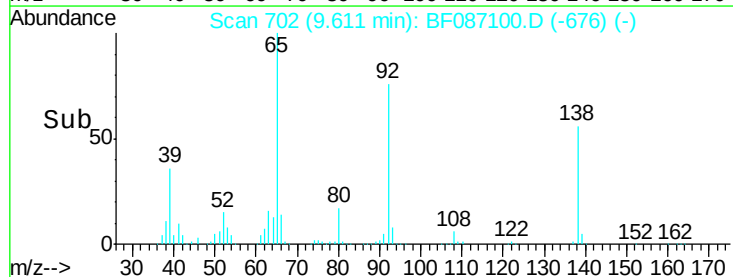
92 135.7 87.8 131.8#

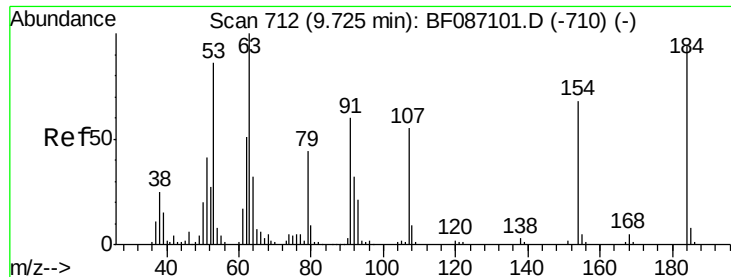


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

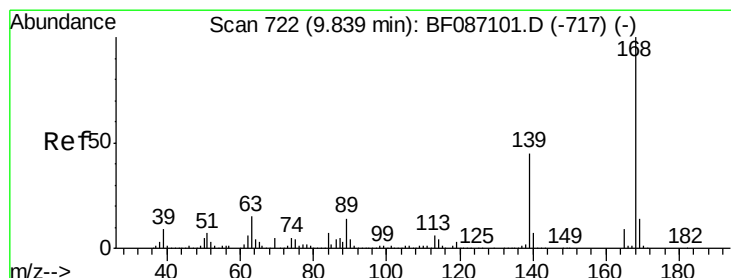
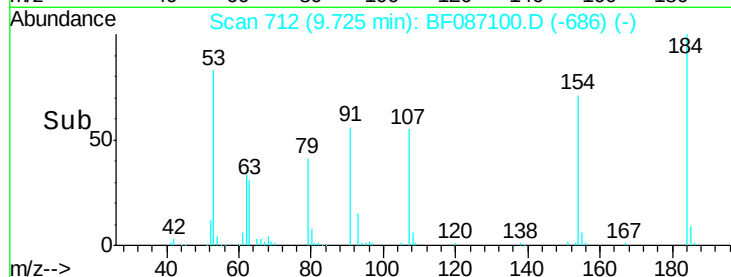
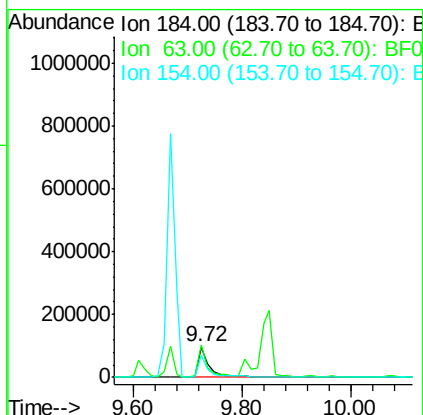
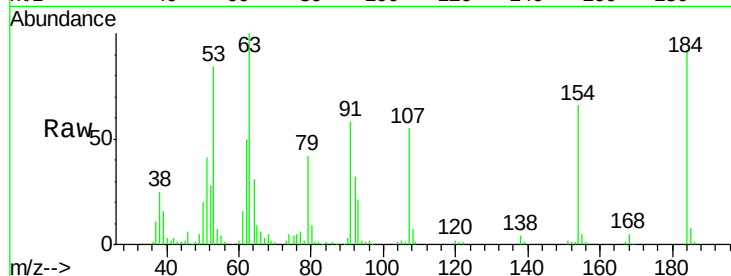




#53
 2,4-Dinitrophenol
 Concen: 71.18 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

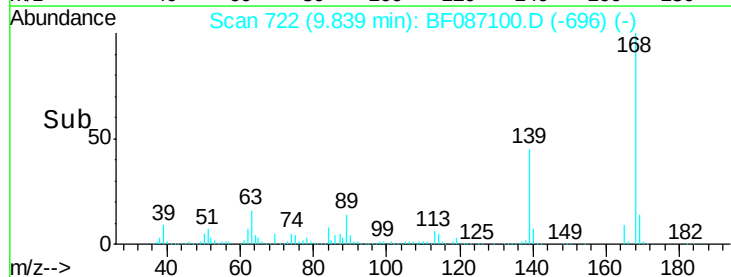
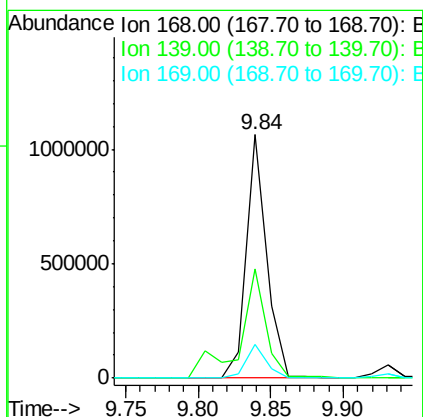
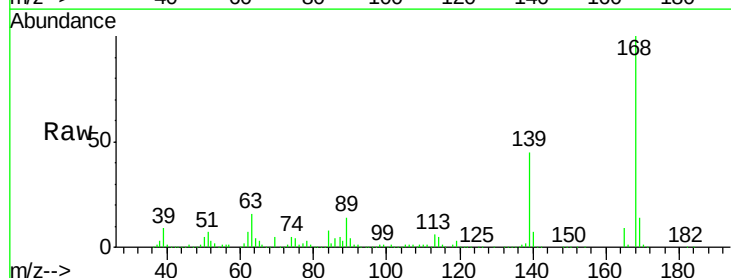
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

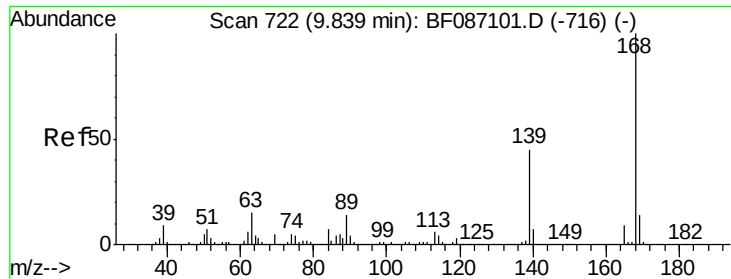
Tot Ion:184 Resp: 141227
 Ion Ratio Lower Upper
 184 100
 63 108.1 55.8 83.8#
 154 71.7 62.4 93.6



#54
 Dibenzofuran
 Concen: 47.68 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion:168 Resp: 1035952
 Ion Ratio Lower Upper
 168 100
 139 45.0 31.4 47.0
 169 13.9 10.7 16.1





#55

4-Nitrophenol

Concen: 207.63 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.03 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

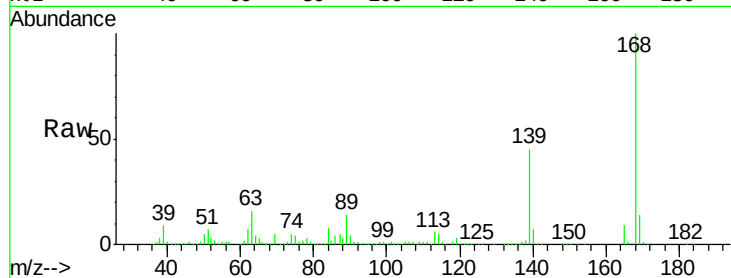
Tot Ion:139 Resp: 619947

Ion Ratio Lower Upper

139 100

109 2.6 36.9 76.9#

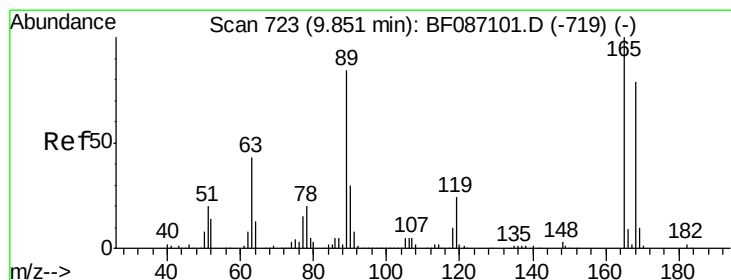
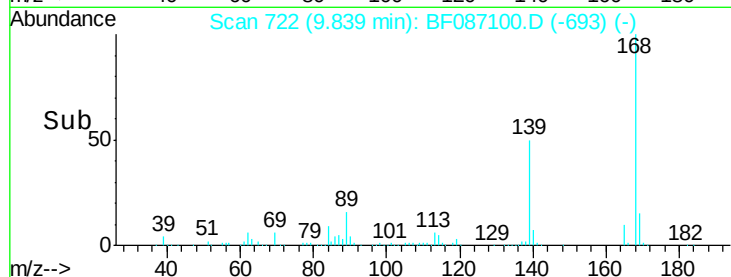
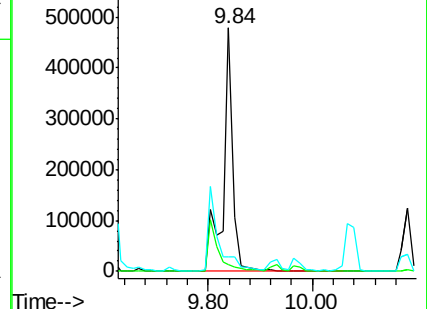
65 6.1 64.0 104.0#



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: 55.98 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion:165 Resp: 330216

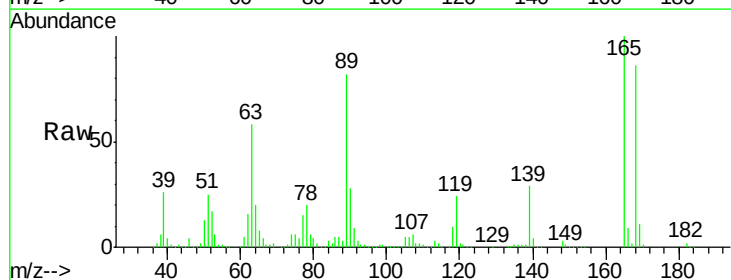
Ion Ratio Lower Upper

165 100

63 58.3 44.3 66.5

89 82.4 70.0 105.0

182 2.2 1.8 2.6

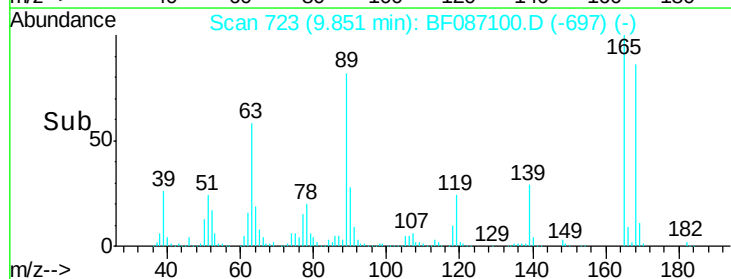
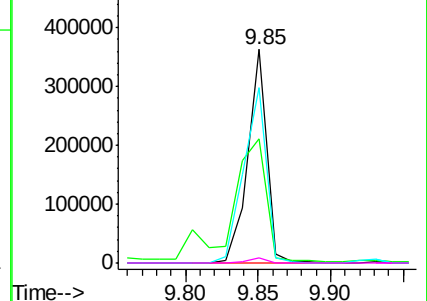


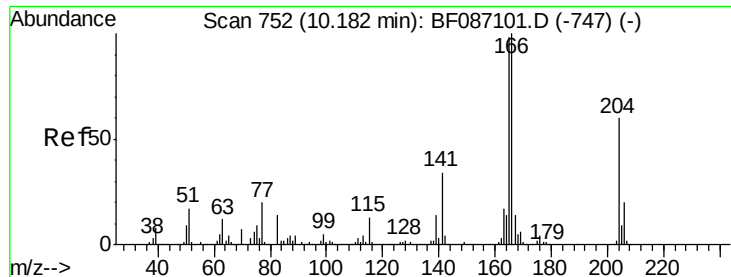
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.10 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

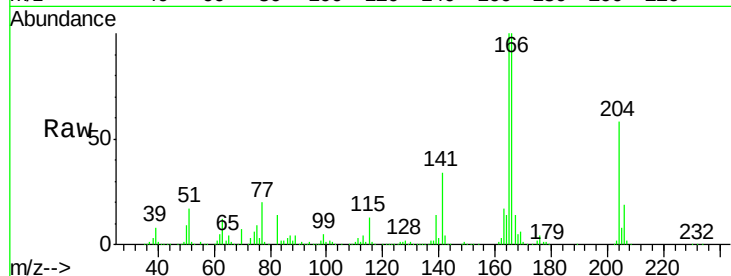
Tot Ion:166 Resp: 835754

Ion Ratio Lower Upper

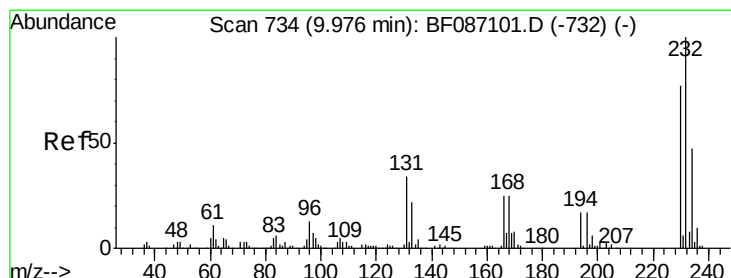
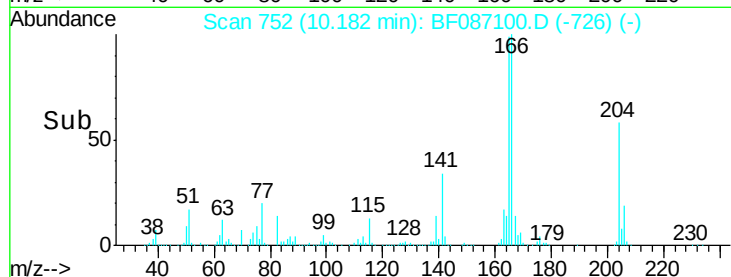
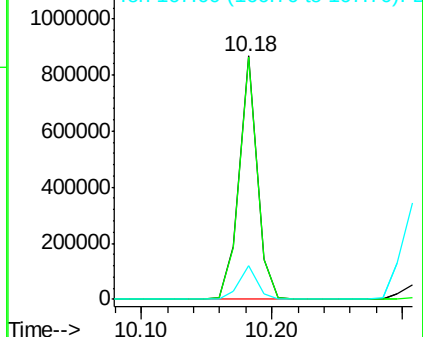
166 100

165 99.5 79.0 118.6

167 13.9 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: 51.87 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion:232 Resp: 233088

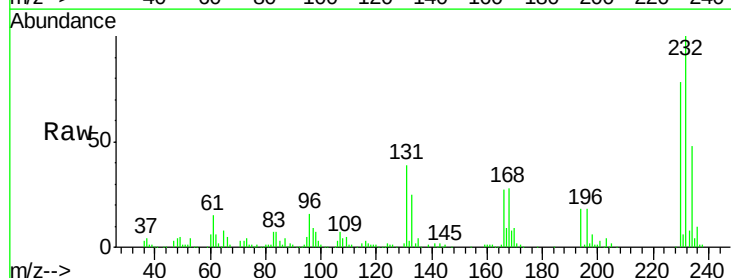
Ion Ratio Lower Upper

232 100

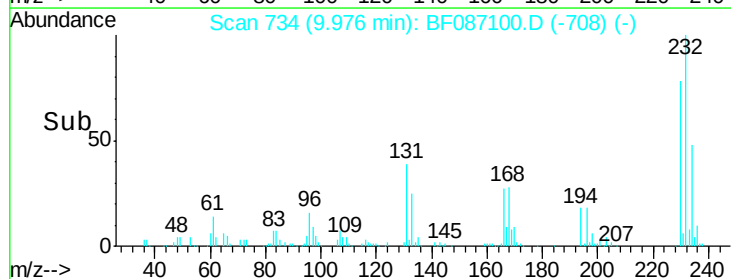
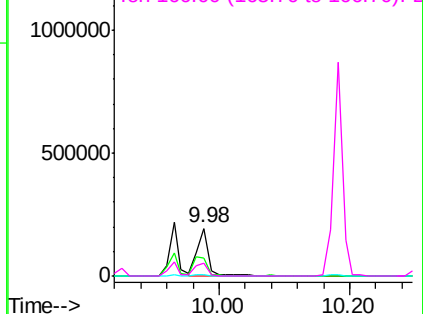
131 50.2 41.9 62.9

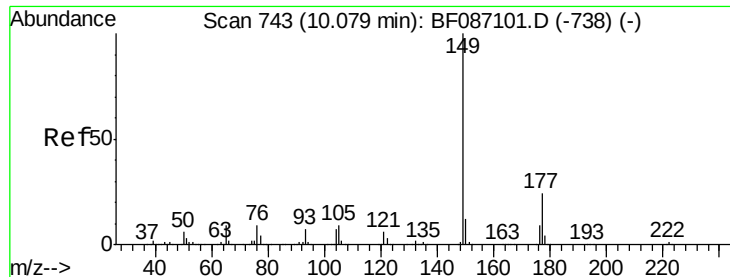
130 2.5 2.2 3.4

166 30.0 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

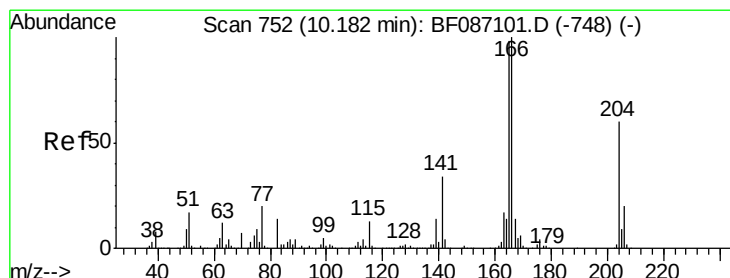
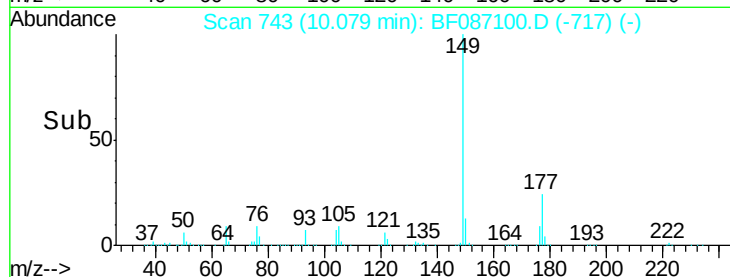
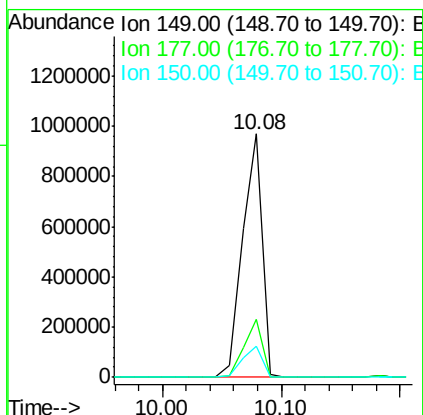
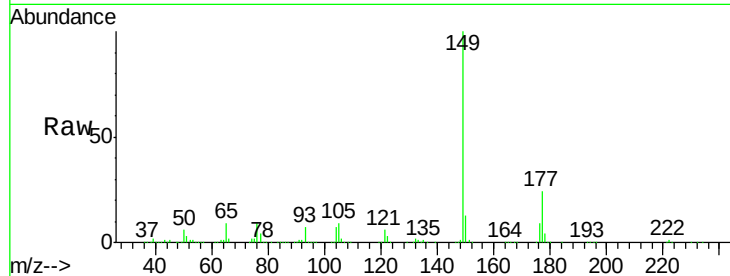




#59
Diethylphthalate
Concen: 50.65 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

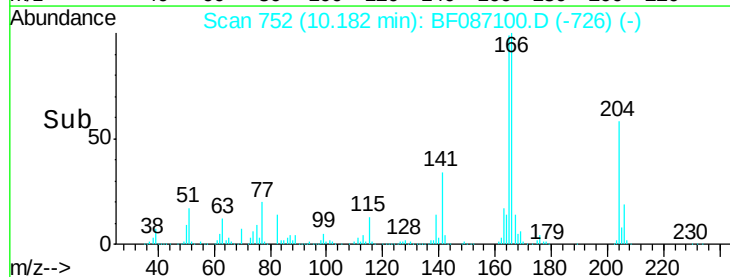
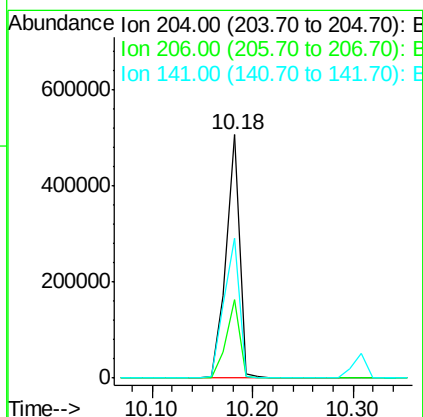
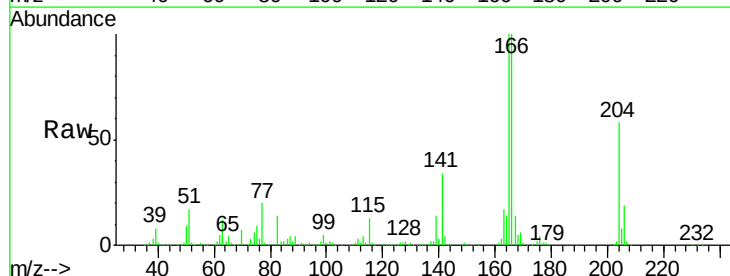
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

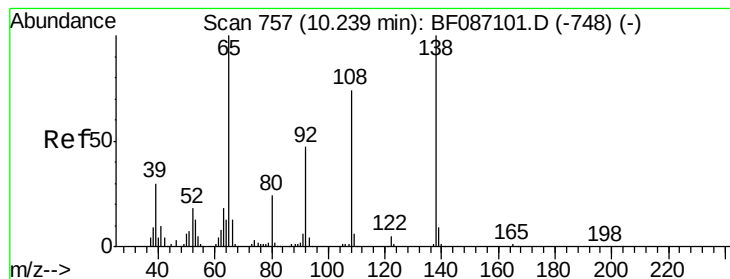
Tot Ion:149 Resp: 1117852
Ion Ratio Lower Upper
149 100
177 23.9 16.6 24.8
150 12.7 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 50.53 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion:204 Resp: 476317
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.0
141 57.6 61.6 92.4#





#61

4-Nitroaniline

Concen: 57.89 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

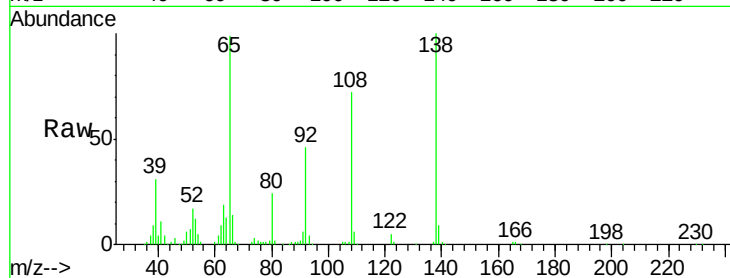
Tot Ion:138 Resp: 278994

Ion Ratio Lower Upper

138 100

92 46.2 24.7 64.7

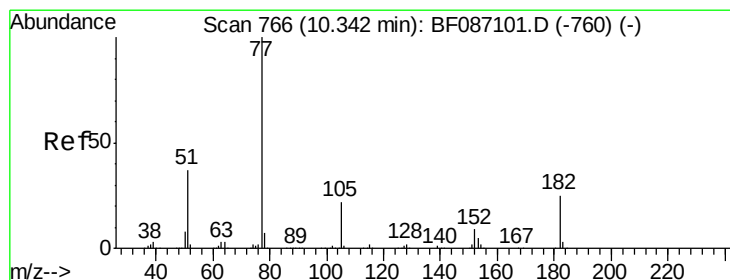
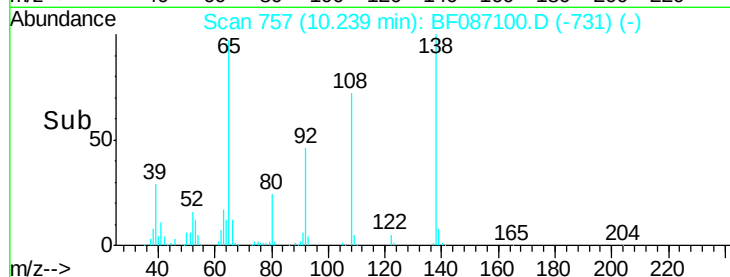
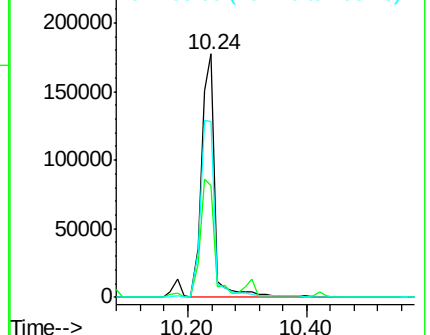
108 72.4 37.4 77.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.10 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Tgt Ion: 77 Resp: 1264473

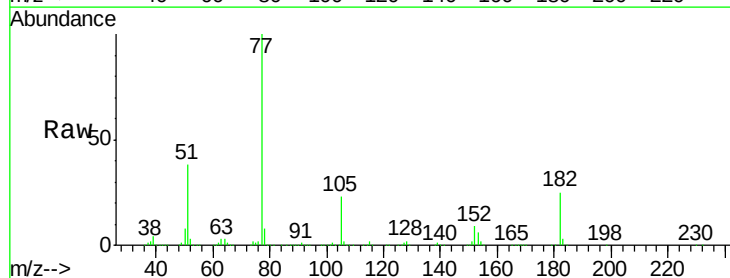
Ion Ratio Lower Upper

77 100

182 25.3 0.0 38.8

105 22.7 3.2 43.2

51 38.4 8.8 48.8

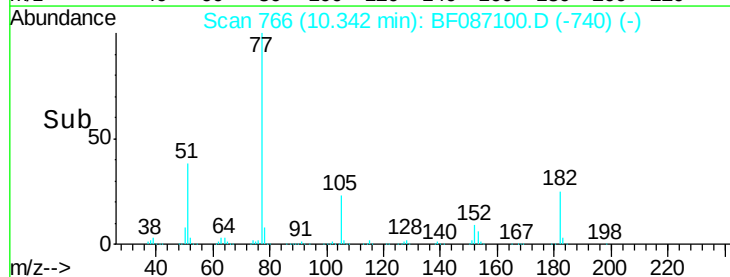
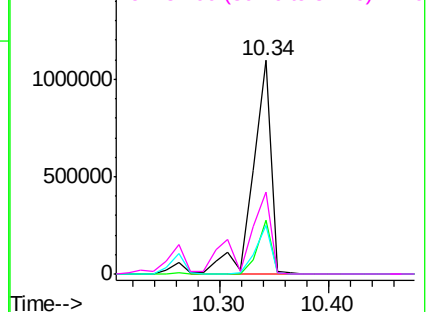


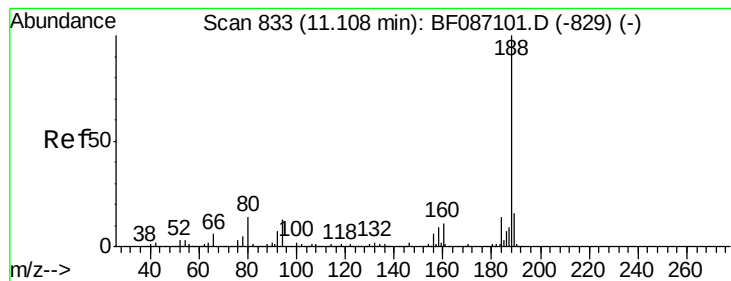
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

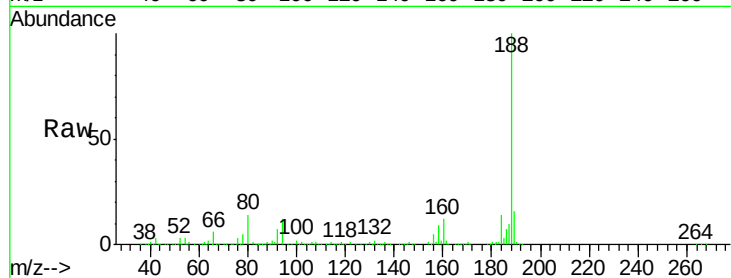
Tot Ion:188 Resp: 561648

Ion Ratio Lower Upper

188 100

94 12.5 6.8 10.2#

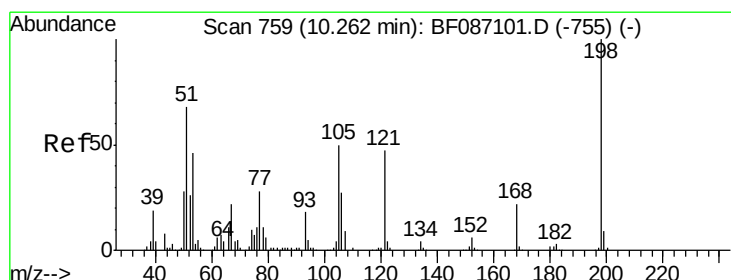
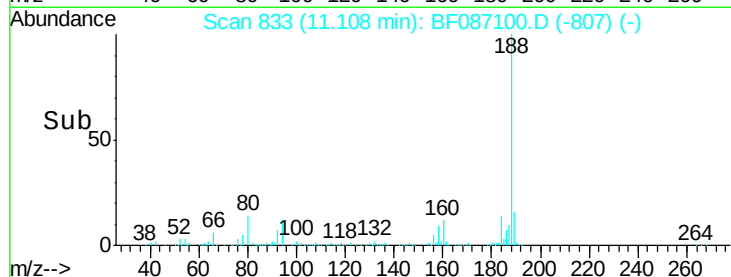
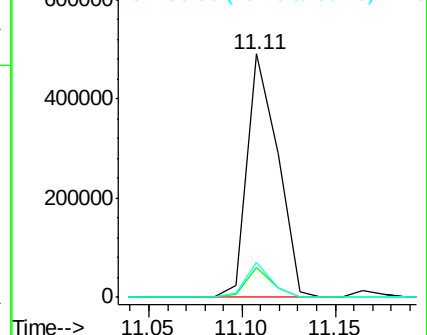
80 14.4 7.1 10.7#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 56.52 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

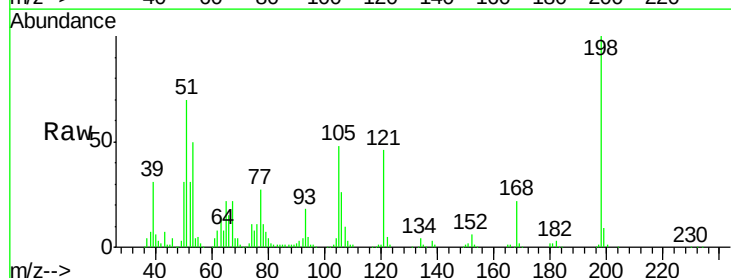
Tgt Ion:198 Resp: 197191

Ion Ratio Lower Upper

198 100

51 69.9 20.5 60.5#

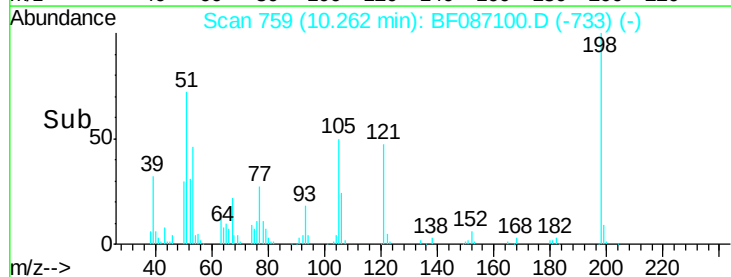
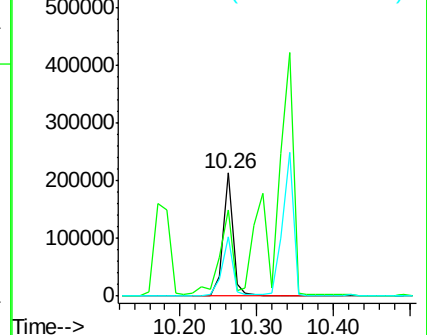
105 48.4 24.5 64.5

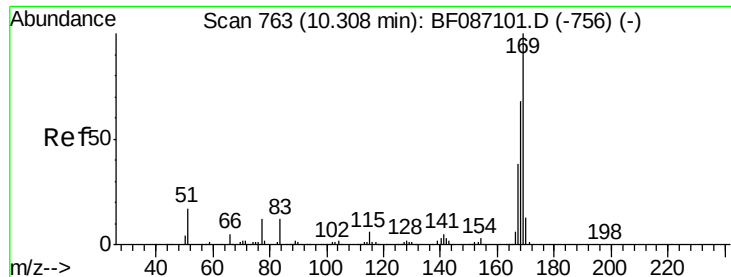


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

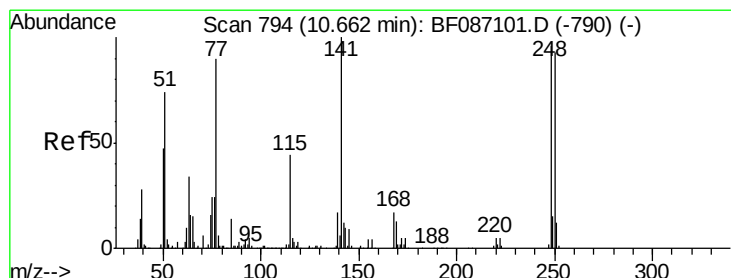
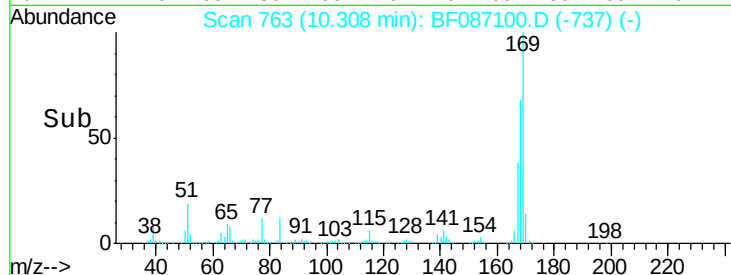
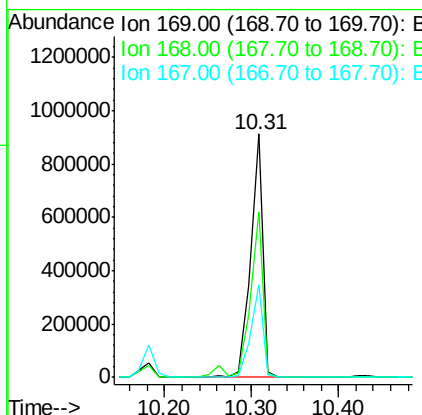
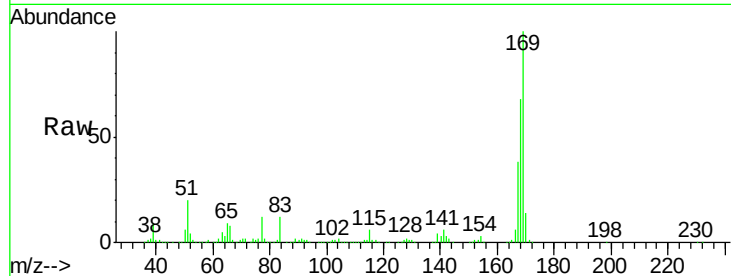




#65
n-Nitrosodiphenylamine
Concen: 52.30 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

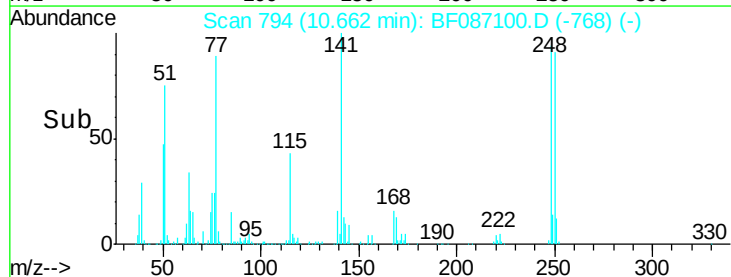
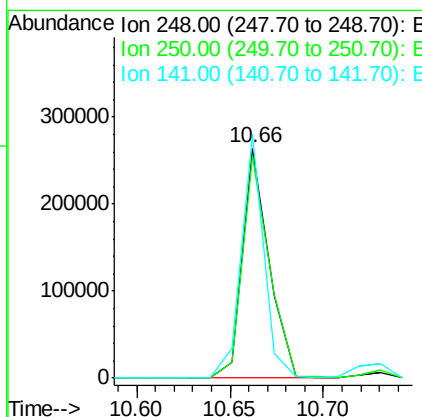
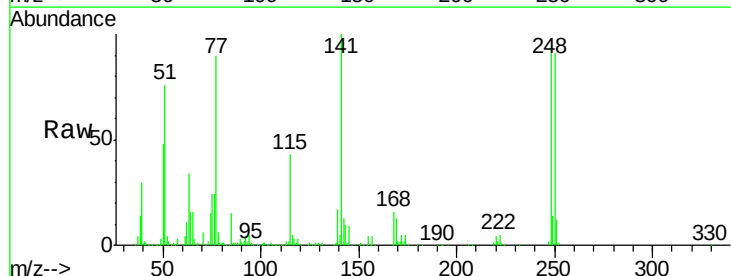
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

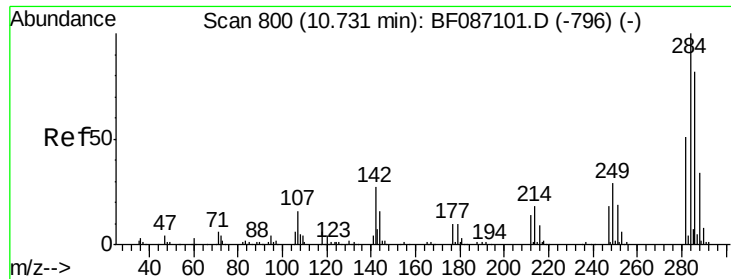
Tot Ion:169 Resp: 902365
Ion Ratio Lower Upper
169 100
168 68.0 53.8 80.6
167 37.8 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 45.98 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion:248 Resp: 261802
Ion Ratio Lower Upper
248 100
250 96.5 78.6 117.8
141 106.0 76.0 114.0

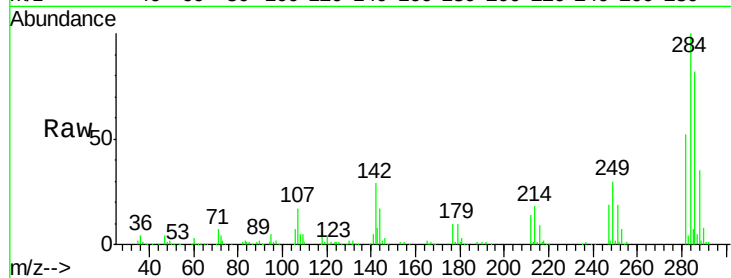




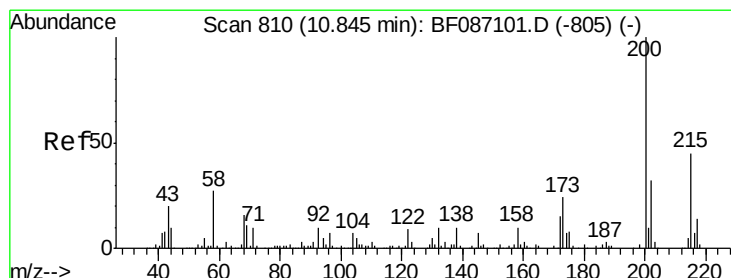
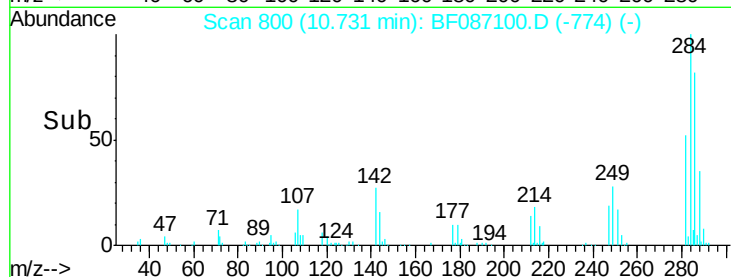
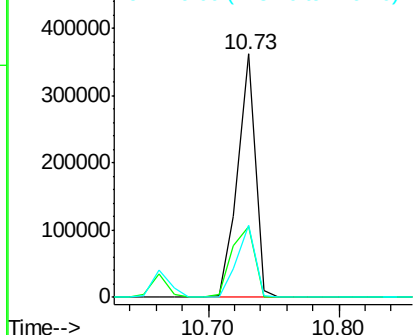
#67
Hexachlorobenzene
Concen: 51.29 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:284 Resp: 341341
Ion Ratio Lower Upper
284 100
142 28.9 16.7 25.1#
249 29.5 21.3 31.9

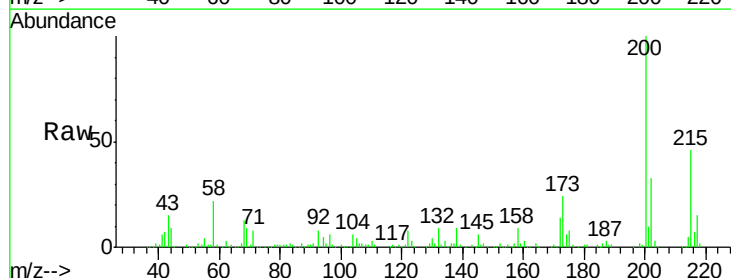


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

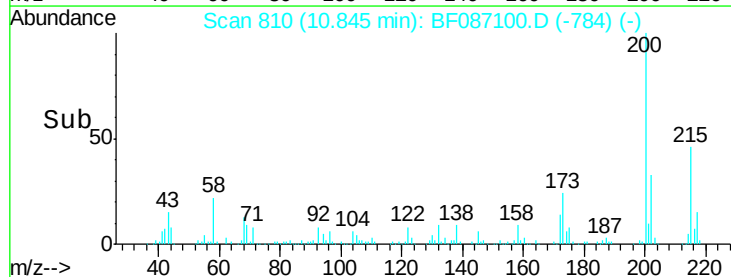
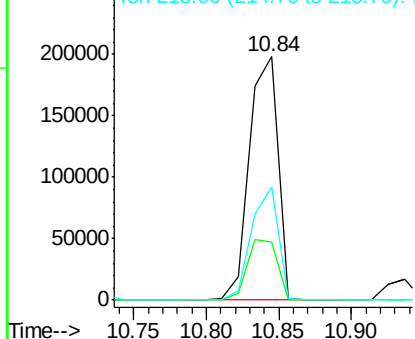


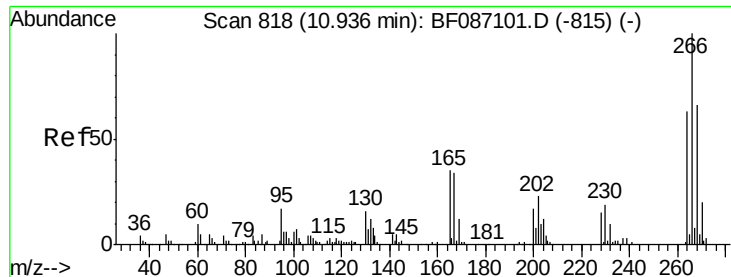
#68
Atrazine
Concen: 47.08 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion:200 Resp: 271362
Ion Ratio Lower Upper
200 100
173 24.0 8.5 48.5
215 46.3 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

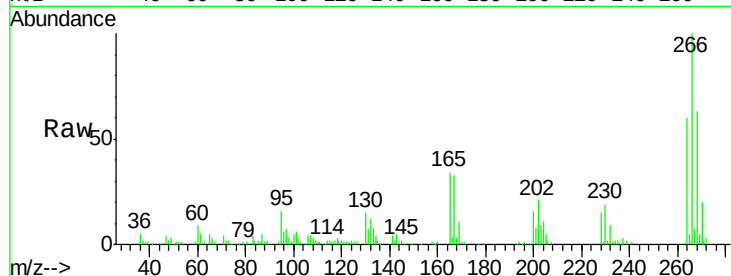




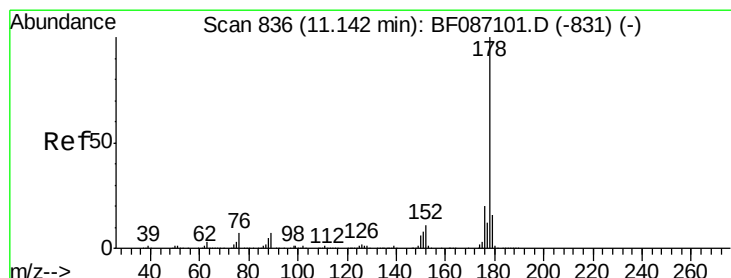
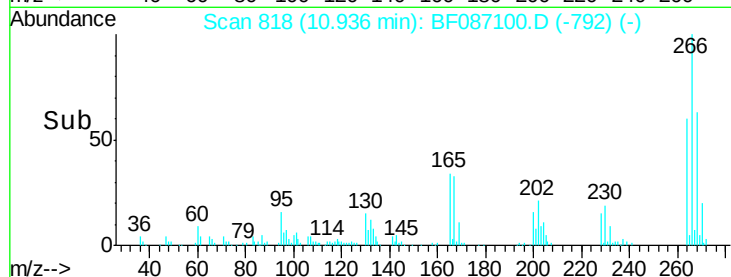
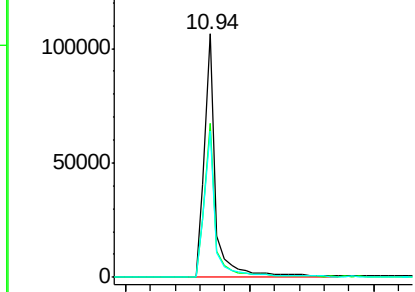
#69
 Pentachlorophenol
 Concen: 44.63 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:266 Resp: 137264
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 60.4 52.9 79.3

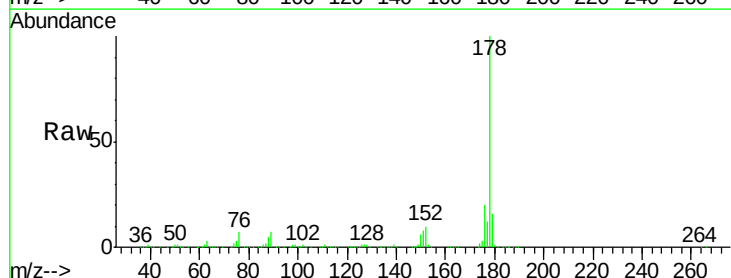


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

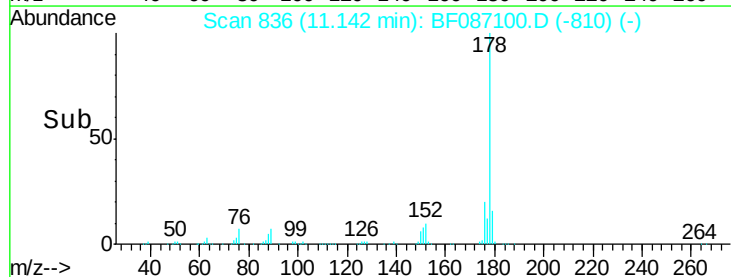
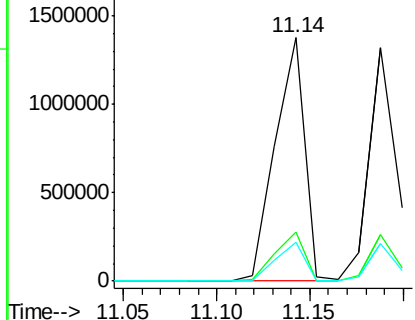


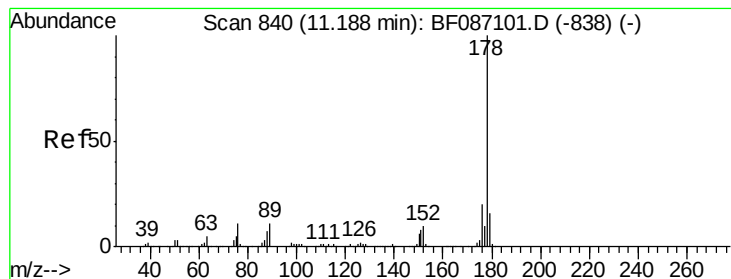
#70
 Phenanthrene
 Concen: 50.52 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion:178 Resp: 1514181
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.8 12.6 18.8



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





#71

Anthracene

Concen: 43.61 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

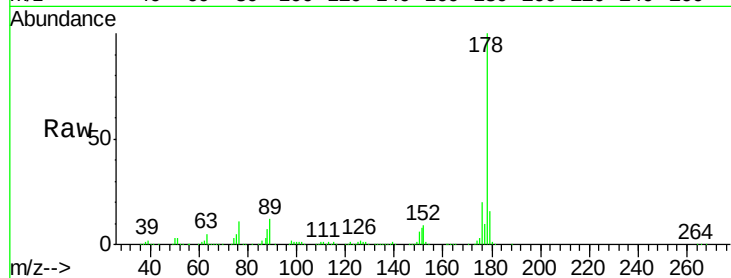
Tot Ion:178 Resp: 1336796

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

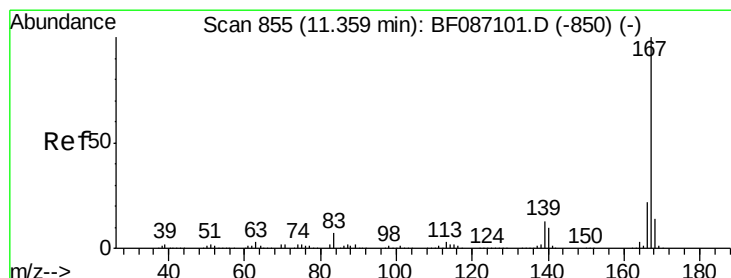
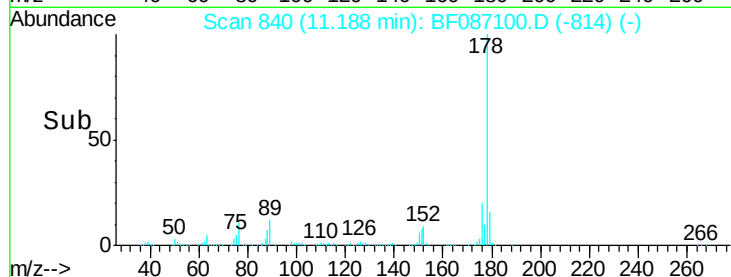
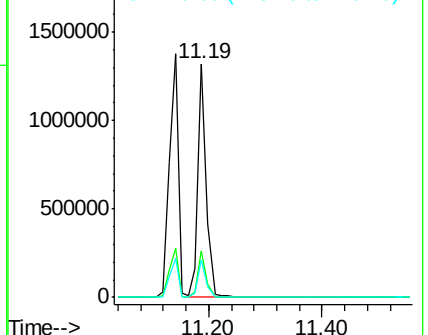
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 54.01 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

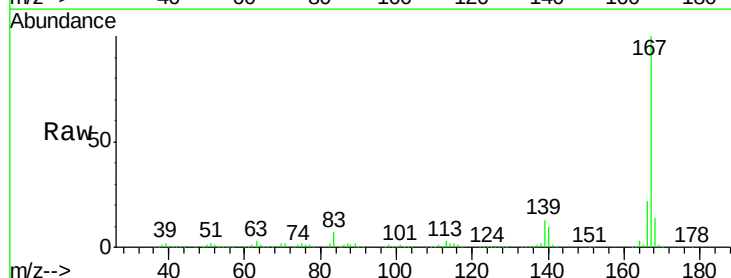
Tgt Ion:167 Resp: 1423165

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

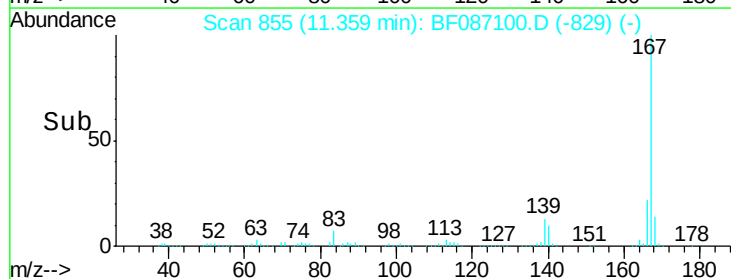
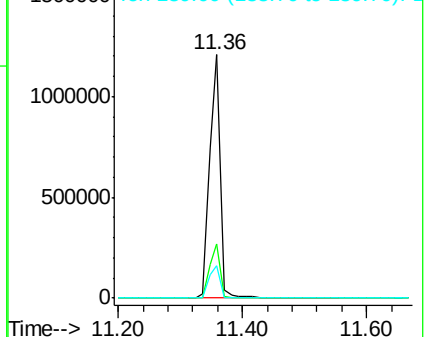
139 13.3 10.8 16.2

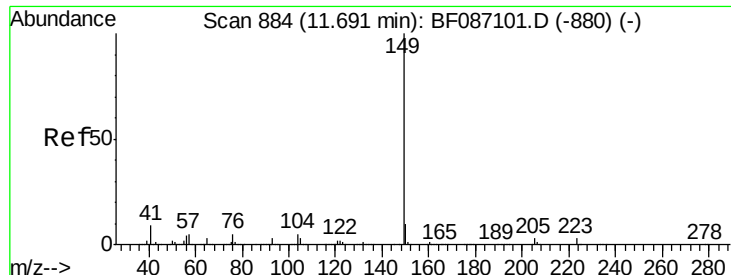


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.81 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

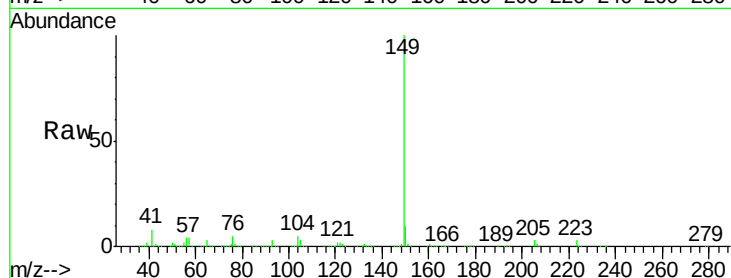
Tot Ion:149 Resp: 1667144

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

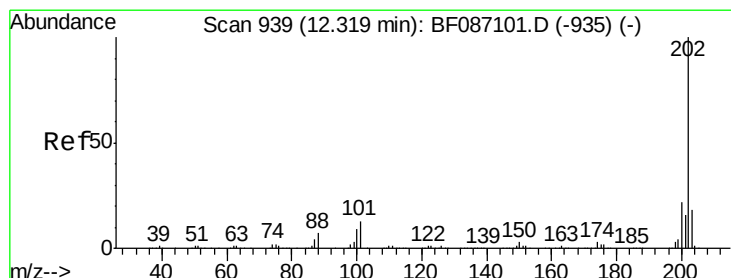
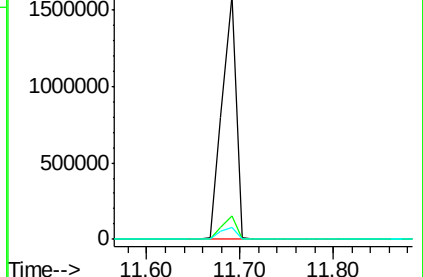
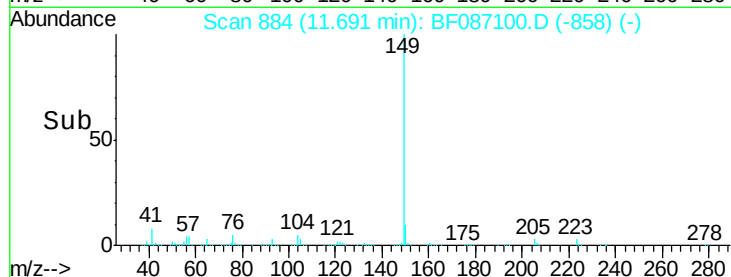
104 5.2 3.8 5.6



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: 46.72 ng

RT: 12.32 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

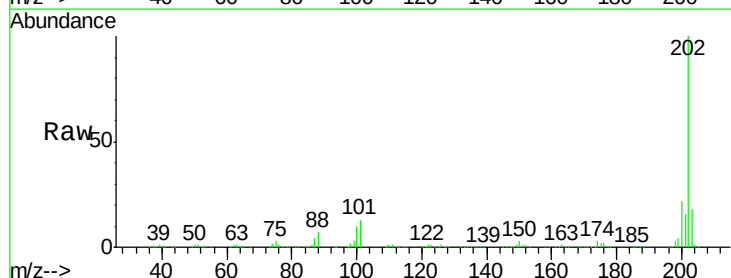
Tgt Ion:202 Resp: 1440340

Ion Ratio Lower Upper

202 100

101 12.9 0.0 35.4

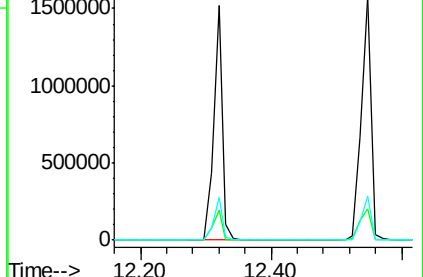
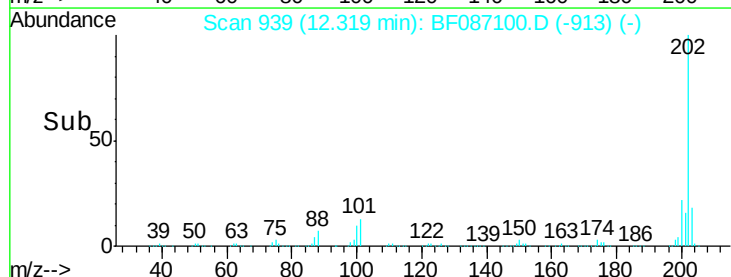
203 18.3 0.0 38.1

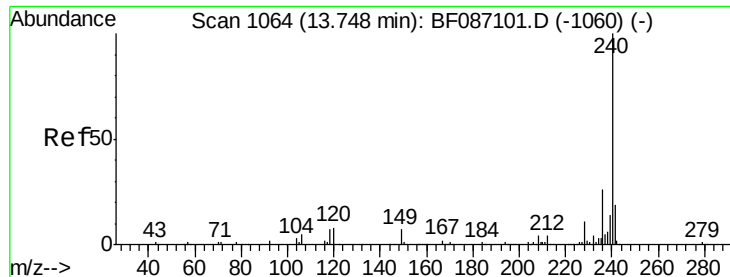


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

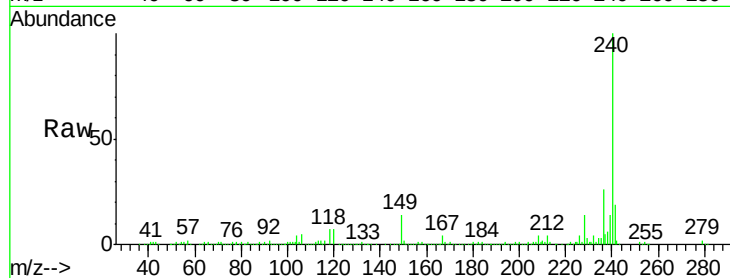
Tot Ion:240 Resp: 418311

Ion Ratio Lower Upper

240 100

120 7.4 11.2 16.8#

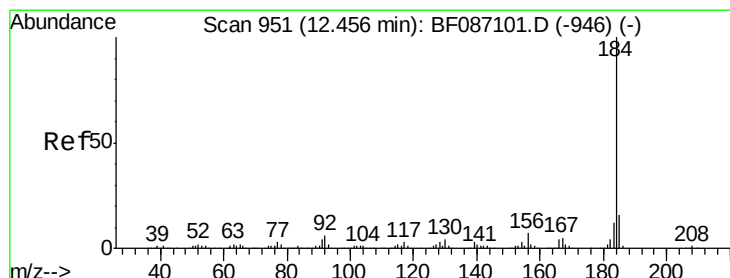
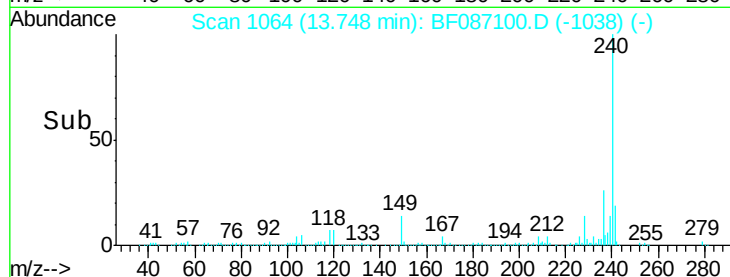
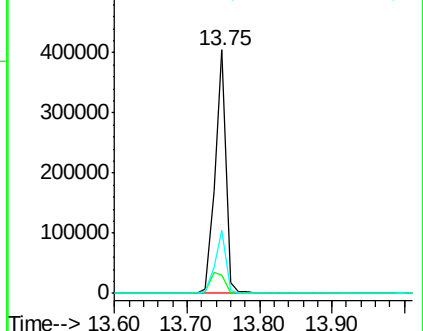
236 25.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.17 ng

RT: 12.46 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

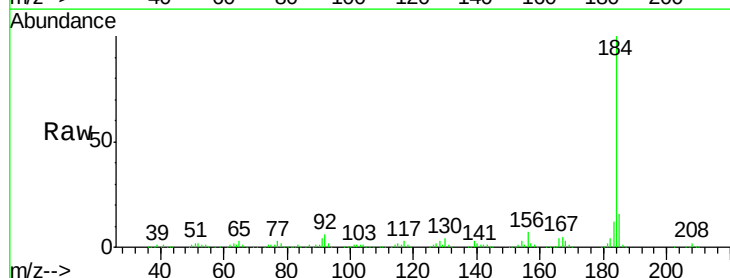
Tgt Ion:184 Resp: 566991

Ion Ratio Lower Upper

184 100

185 16.4 13.6 20.4

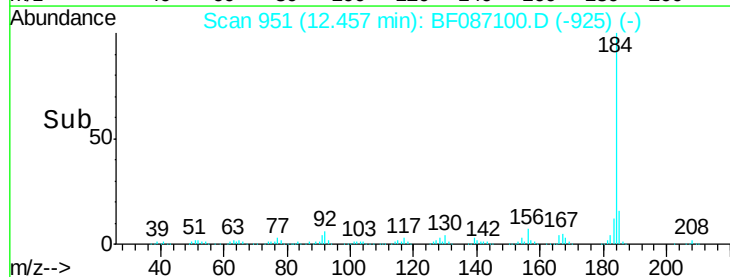
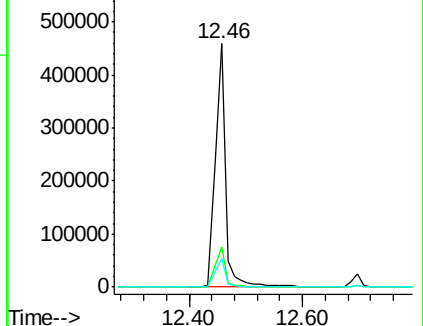
183 11.8 9.8 14.6

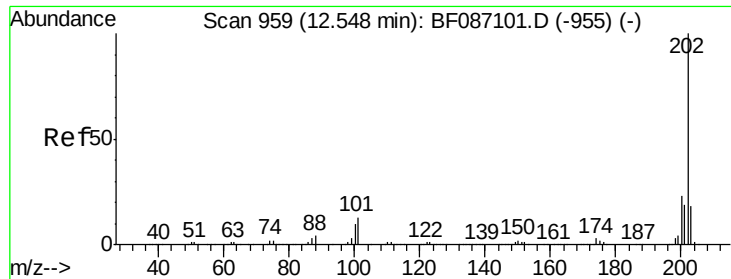


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.61 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

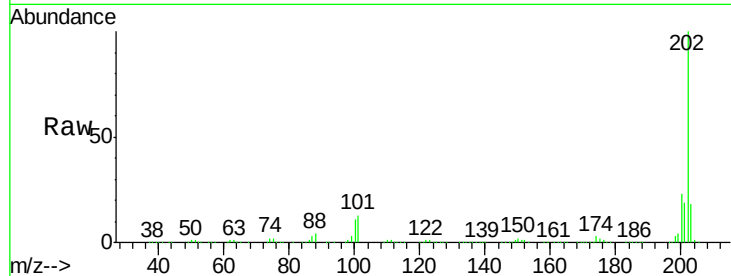
Tot Ion:202 Resp: 1588855

Ion Ratio Lower Upper

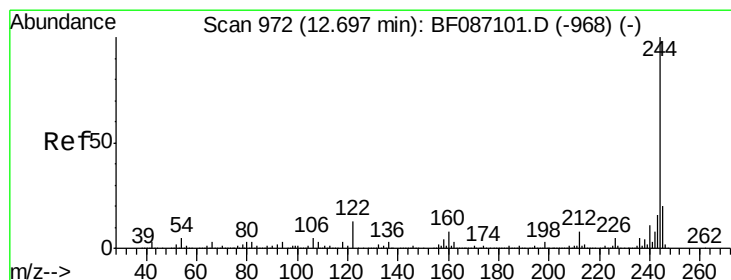
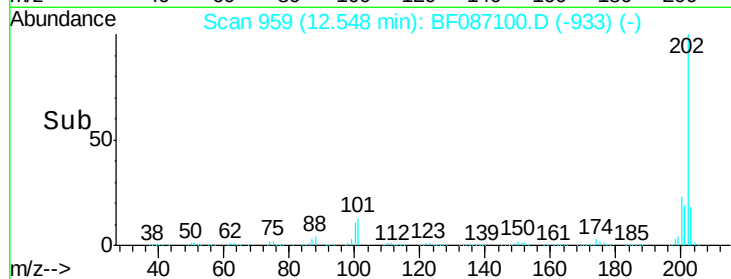
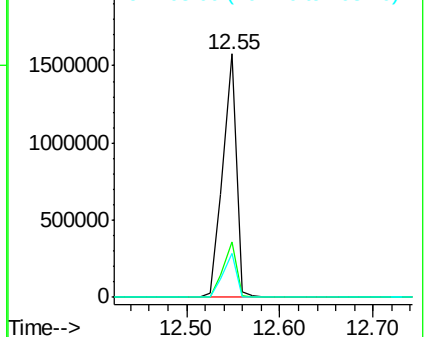
202 100

200 22.7 17.7 26.5

203 18.0 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: 84.97 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

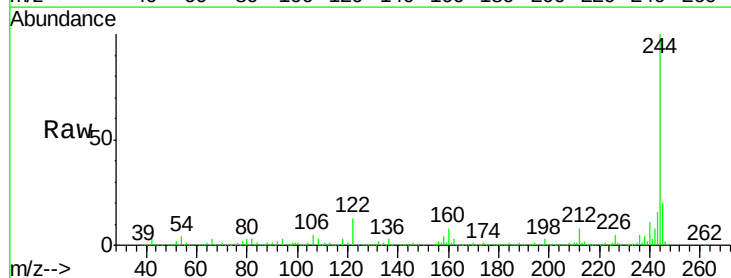
Tgt Ion:244 Resp: 1675261

Ion Ratio Lower Upper

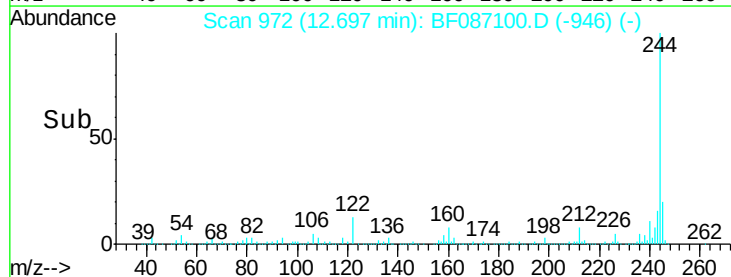
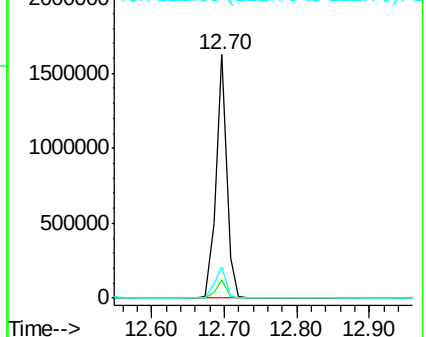
244 100

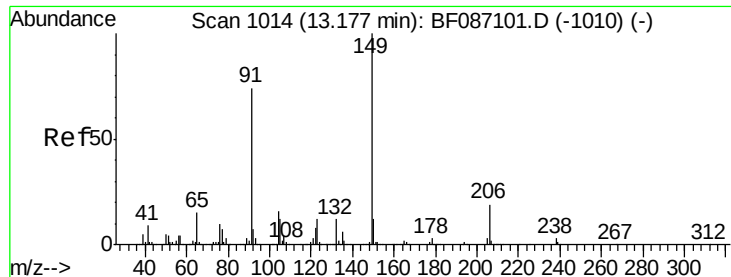
212 7.8 6.2 9.2

122 12.9 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: 51.28 ng

RT: 13.18 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

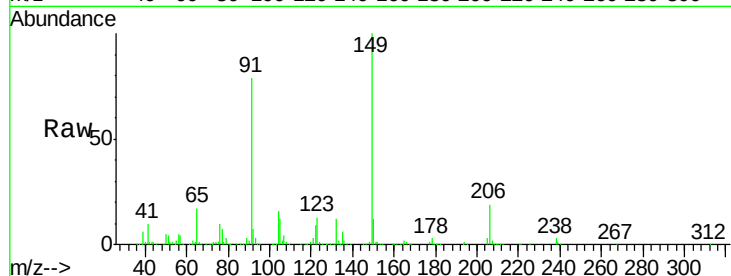
Tot Ion:149 Resp: 694696

Ion Ratio Lower Upper

149 100

91 78.9 48.0 72.0#

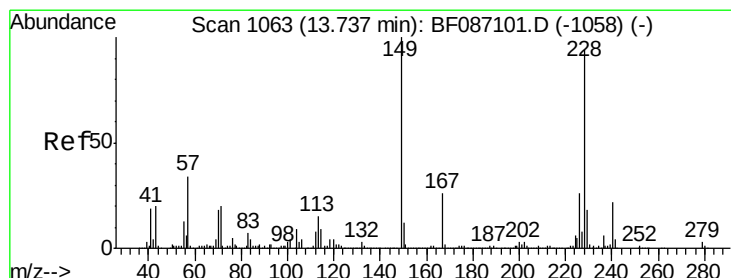
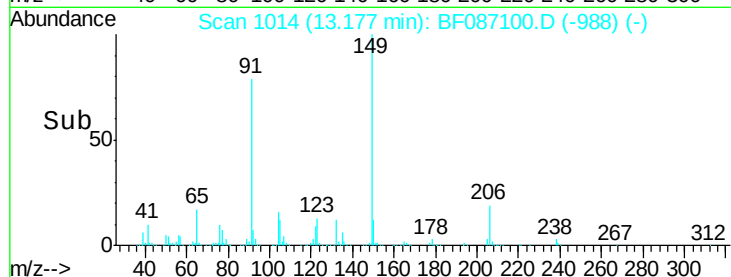
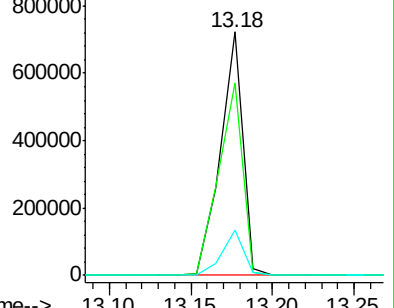
206 18.6 15.8 23.6



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: 49.53 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

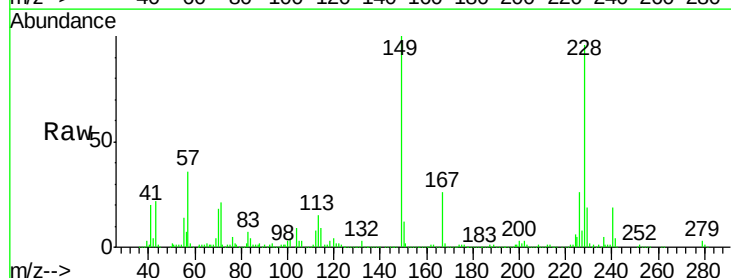
Tgt Ion:228 Resp: 1163151

Ion Ratio Lower Upper

228 100

226 27.4 22.5 33.7

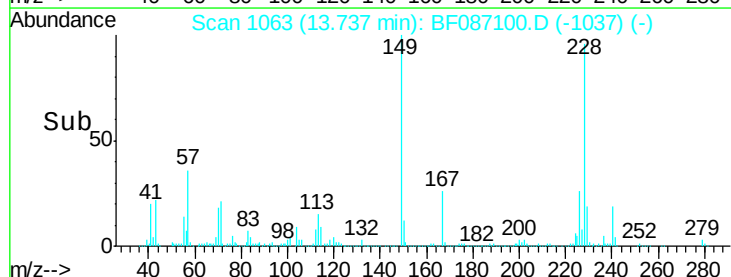
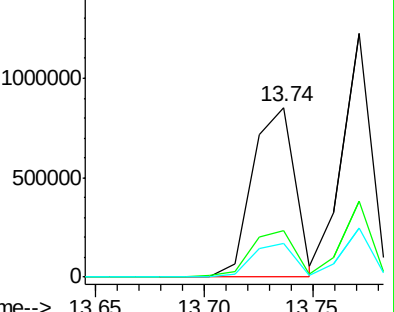
229 19.9 16.6 25.0

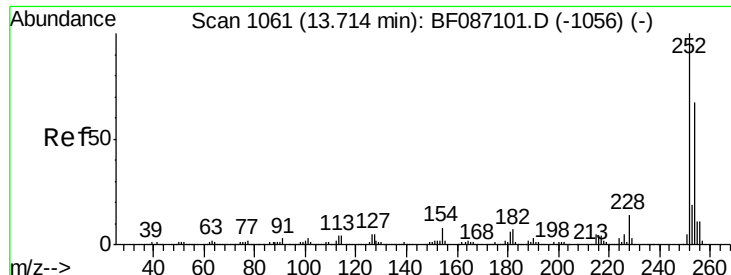


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

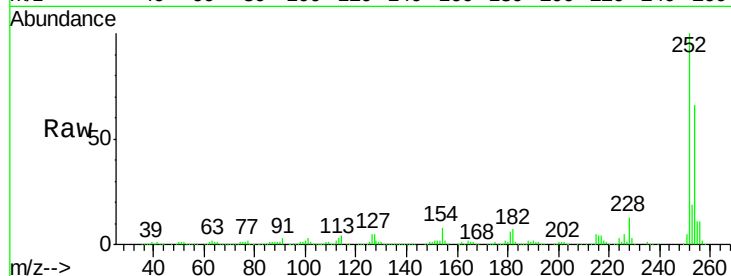




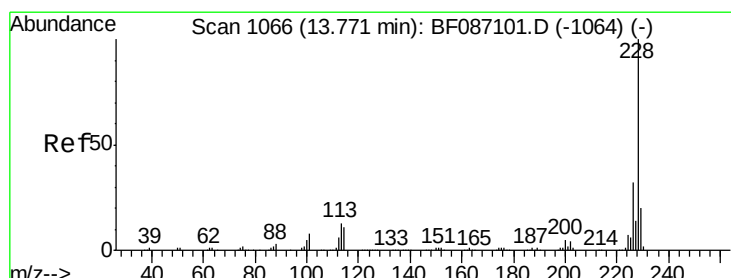
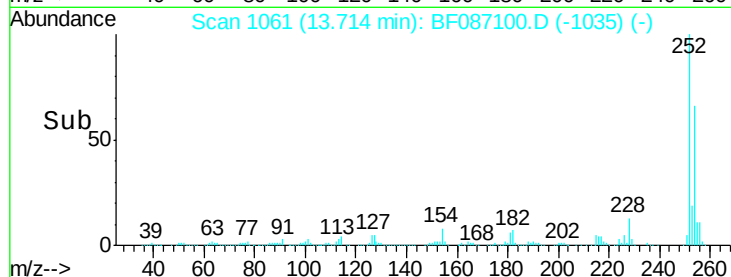
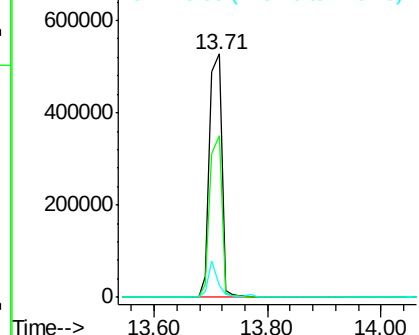
#81
 3,3'-Dichlorobenzidine
 Concen: 50.61 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:252 Resp: 755128
 Ion Ratio Lower Upper
 252 100
 254 66.4 50.7 76.1
 126 5.0 12.7 19.1#

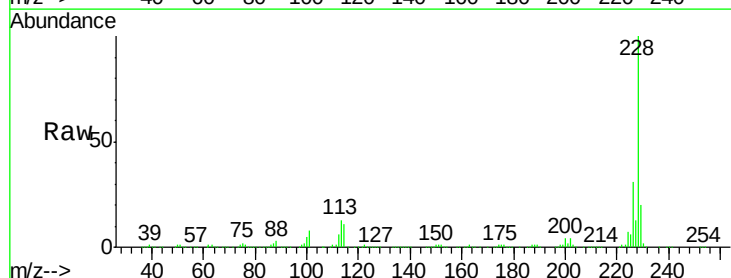


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

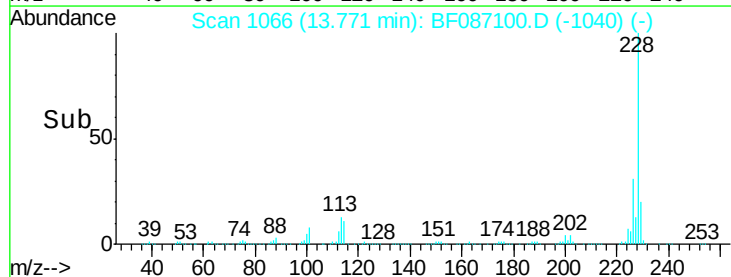
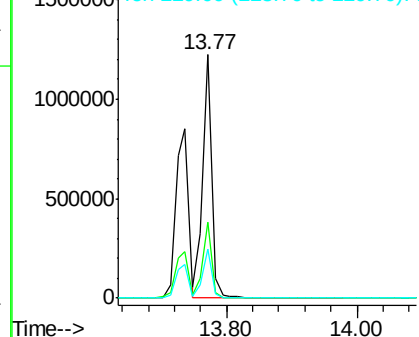


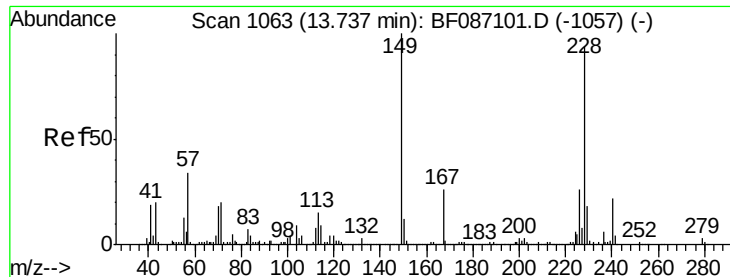
#82
 Chrysene
 Concen: 48.63 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion:228 Resp: 1161645
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.4 36.6
 229 20.0 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: 49.58 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

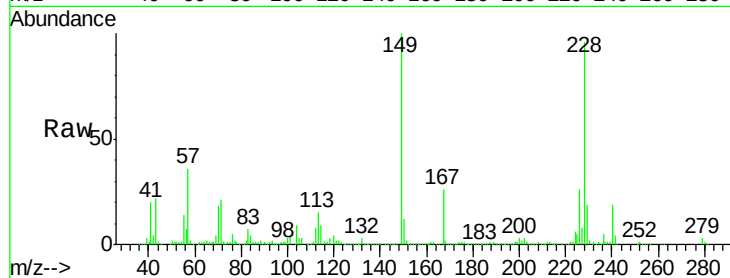
Tot Ion:149 Resp: 807814

Ion Ratio Lower Upper

149 100

167 25.6 21.8 32.6

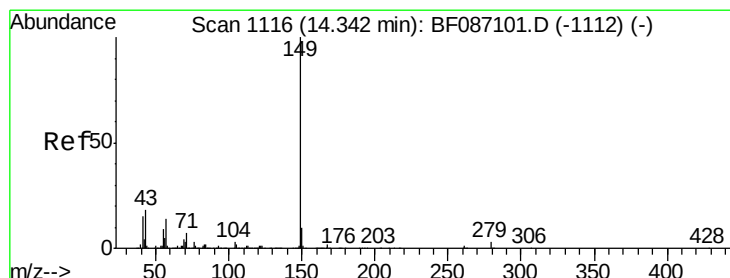
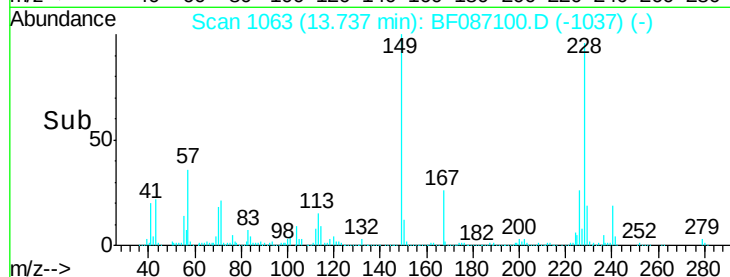
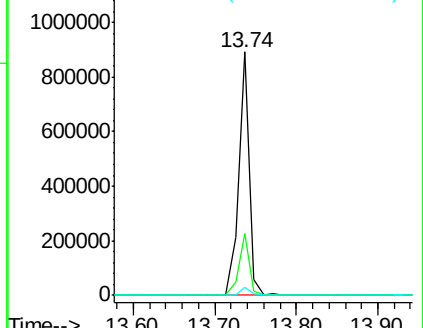
279 3.1 2.6 4.0



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: 48.29 ng

RT: 14.34 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

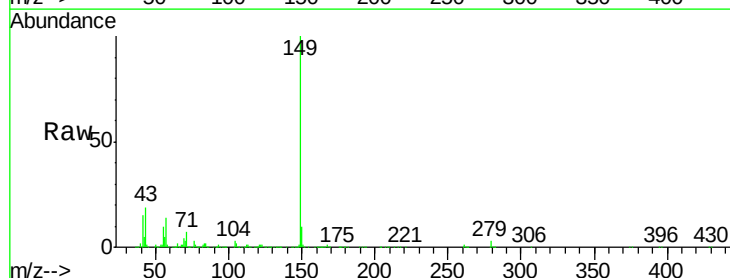
Tgt Ion:149 Resp: 1303412

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

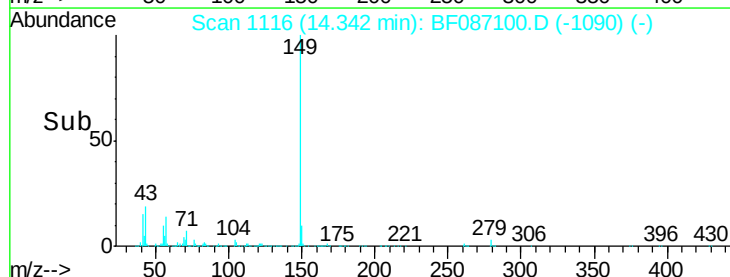
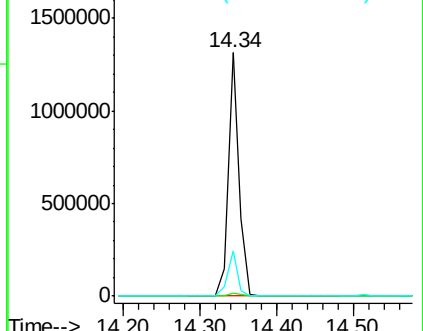
43 17.2 8.2 12.4#

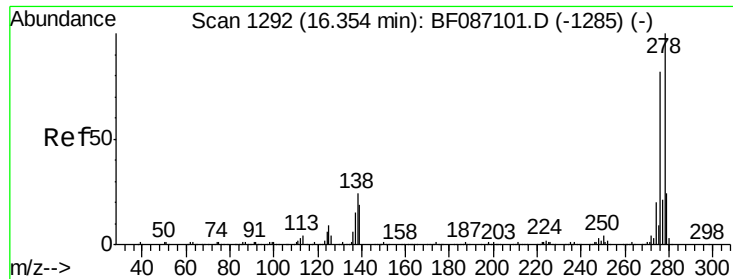


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

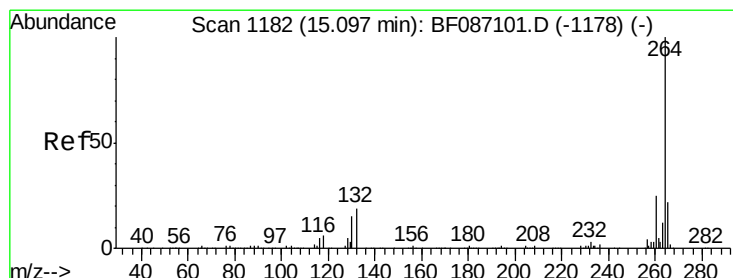
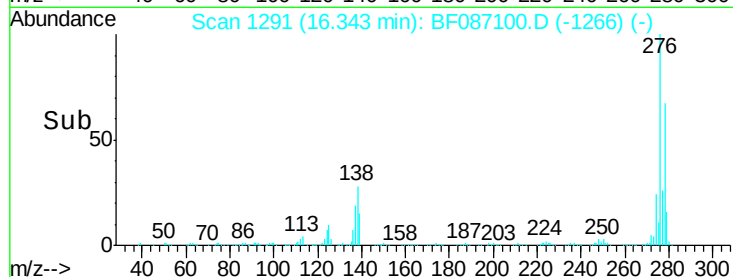
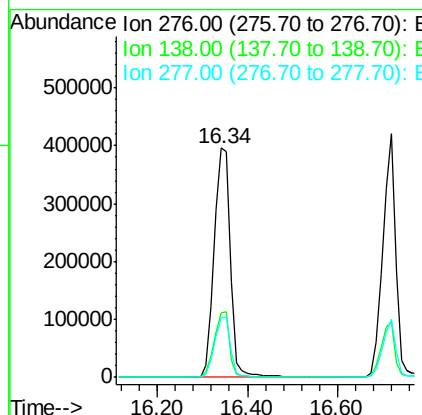
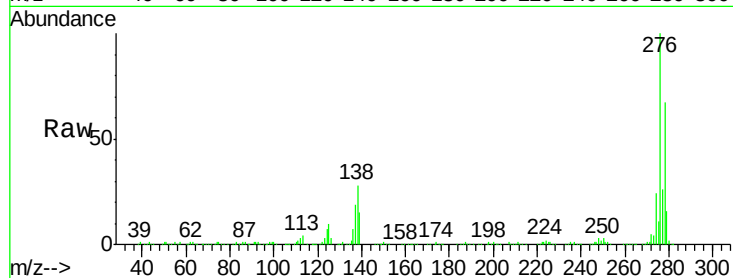




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.57 ng
 RT: 16.34 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

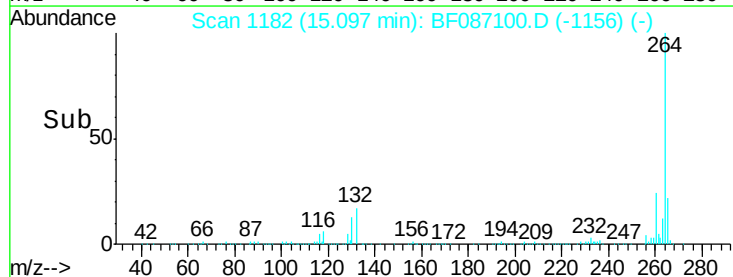
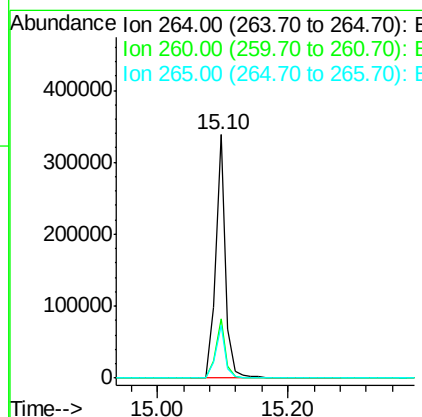
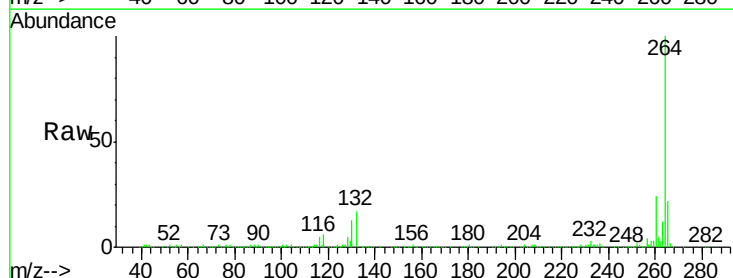
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

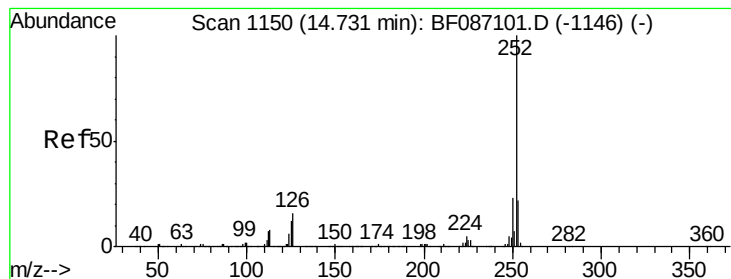
Tot Ion:276 Resp: 1005086
 Ion Ratio Lower Upper
 276 100
 138 27.1 25.6 38.4
 277 25.7 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Tgt Ion:264 Resp: 363652
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 87.55 ng

RT: 14.73 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

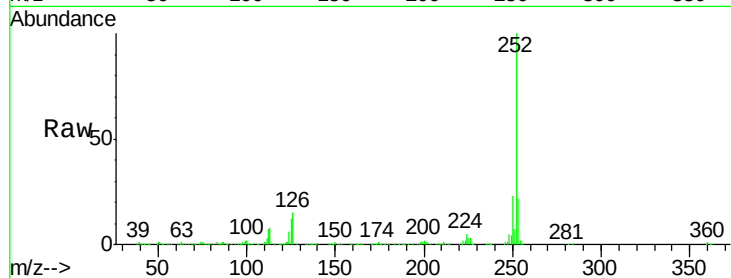
Tot Ion:252 Resp: 2069181

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

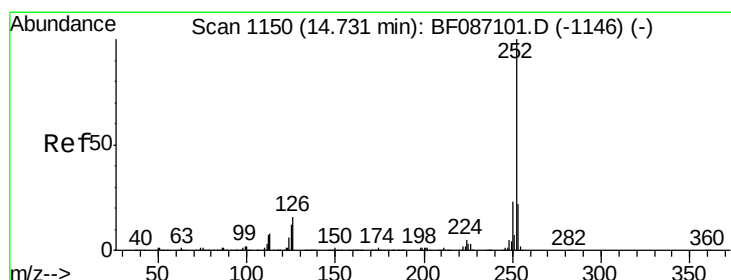
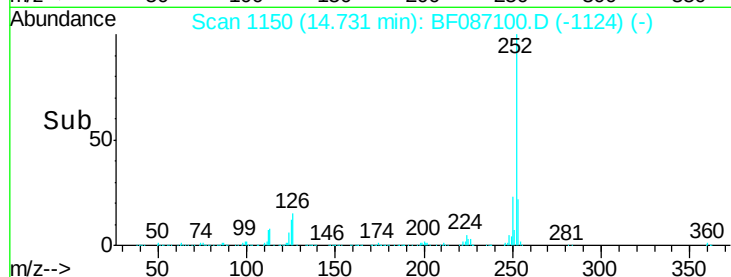
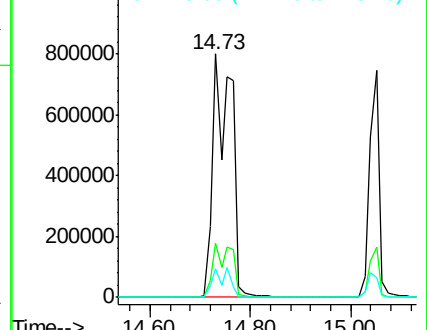
125 11.7 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 106.92 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF087100.D

Acq: 17 May 2016 13:41

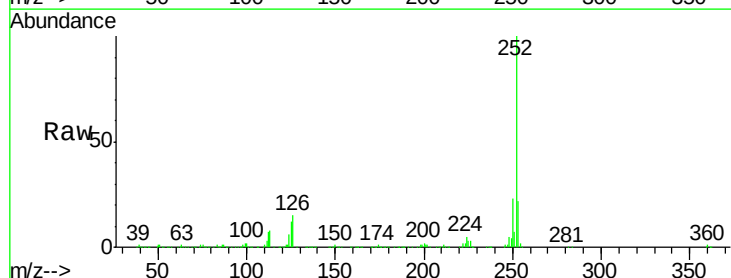
Tgt Ion:252 Resp: 2069181

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

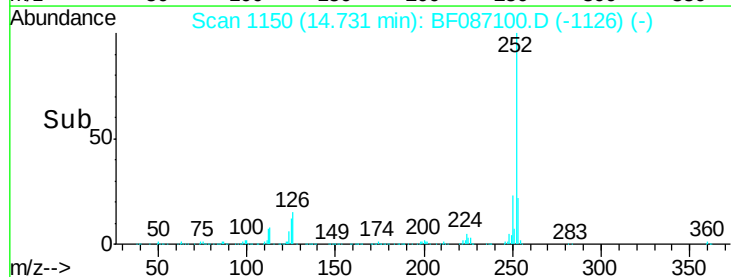
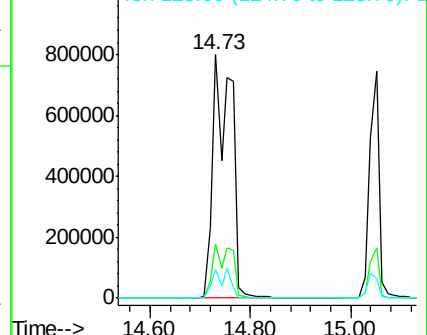
125 11.7 9.1 13.7

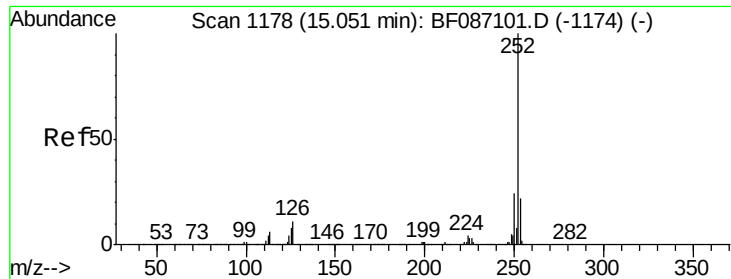


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

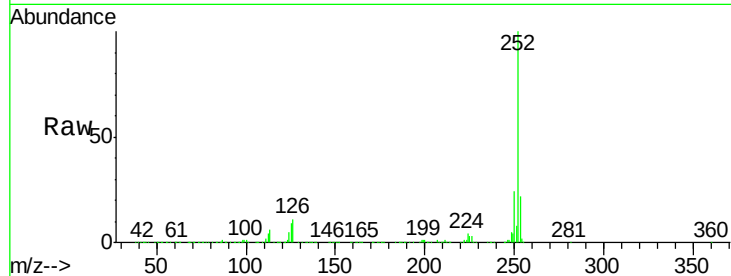




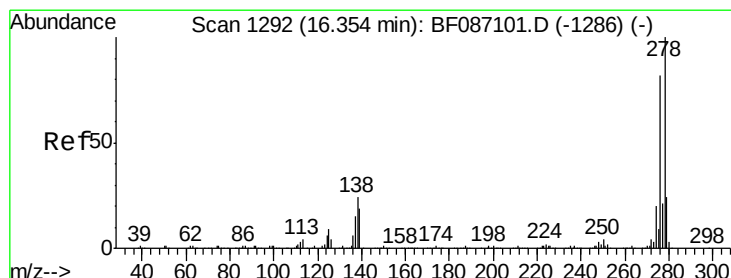
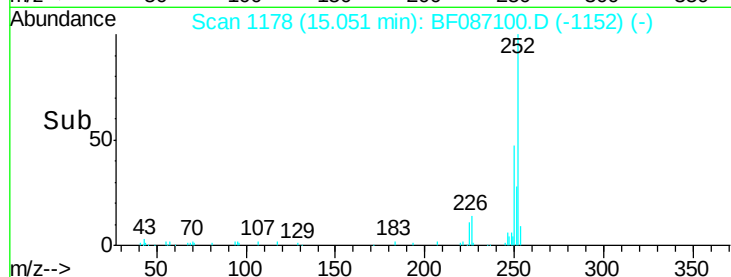
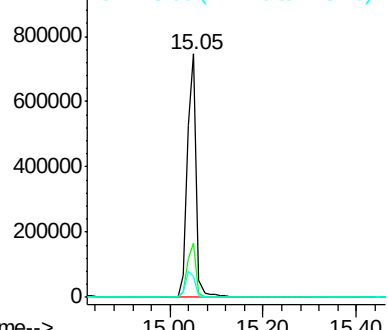
#89
Benzo(a)pyrene
Concen: 48.36 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:252 Resp: 985814
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 8.7 9.0 13.6#

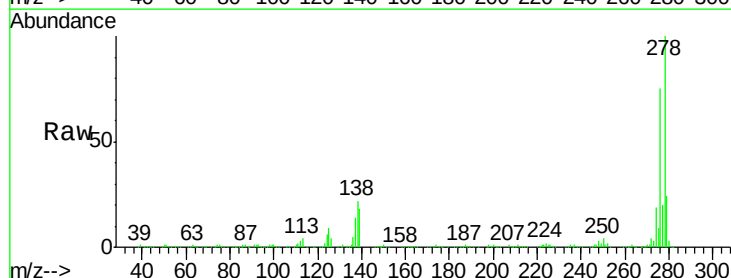


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

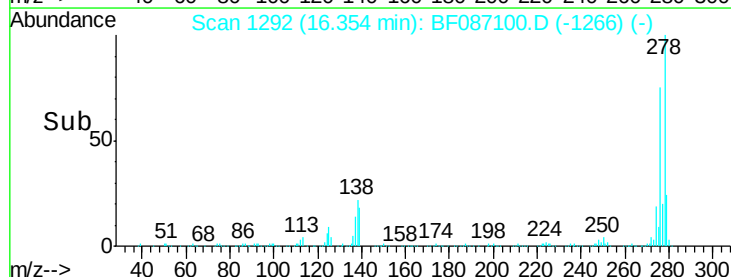
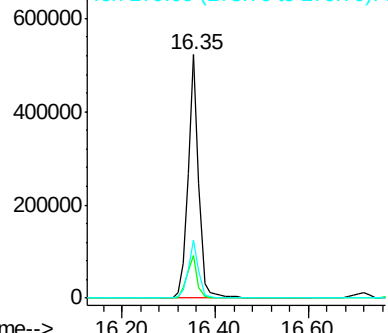


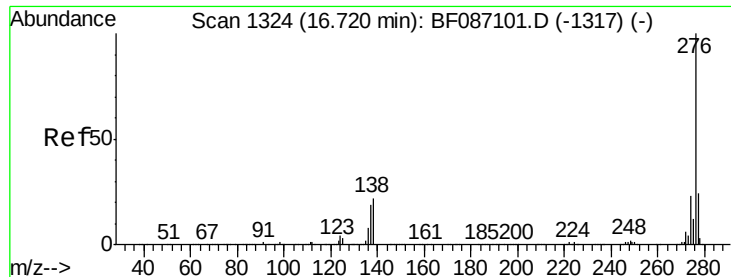
#90
Dibenzo(a,h)anthracene
Concen: 48.26 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF087100.D
Acq: 17 May 2016 13:41

Tgt Ion:278 Resp: 829204
Ion Ratio Lower Upper
278 100
139 17.6 16.6 24.8
279 23.8 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(a,h,i)perylene
 Concen: 48.78 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF087100.D
 Acq: 17 May 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	22.6	23.6	35.4

