

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091807.D
 Acq On : 20 Dec 2016 9:20
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 21 09:54:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	229001	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	924716	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	493556	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	817486	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	635157	20.00	ng	-0.01
86) Perylene-d12	15.32	264	770076	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1043302	76.33	ng	-0.01
7) Phenol-d6	6.42	99	1414770	84.87	ng	0.00
23) Nitrobenzene-d5	7.33	82	1333574	83.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	323802	77.37	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2015653	82.05	ng	-0.01
78) Terphenyl-d14	12.87	244	1919521	76.31	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	275303	40.90	ng	99
3) Pyridine	2.98	79	792531	36.55	ng	99
4) n-Nitrosodimethylamine	2.93	42	319718	38.10	ng	98
6) Aniline	6.42	93	851495	39.70	ng	# 71
8) 2-Chlorophenol	6.54	128	630080	41.88	ng	96
9) Benzaldehyde	6.30	77	410660	43.10	ng	98
10) Phenol	6.43	94	829917	44.17	ng	88
11) bis(2-Chloroethyl)ether	6.50	93	596974	39.78	ng	99
12) 1,3-Dichlorobenzene	6.70	146	700853	42.42	ng	98
13) 1,4-Dichlorobenzene	6.77	146	672163	40.21	ng	98
14) 1,2-Dichlorobenzene	6.93	146	633192	43.24	ng	100
15) Benzyl Alcohol	6.91	79	515505	39.94	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	879231	38.34	ng	97
17) 2-Methylphenol	7.04	107	527000	41.91	ng	97
18) Hexachloroethane	7.28	117	265218	42.70	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	422336	38.09	ng	98
20) 3+4-Methylphenols	7.18	107	632526	45.10	ng	# 83
22) Acetophenone	7.17	105	934325	41.85	ng	96
24) Nitrobenzene	7.36	77	713059	41.41	ng	# 78
25) Isophorone	7.60	82	1239099	40.50	ng	99
26) 2-Nitrophenol	7.66	139	337536	40.63	ng	99
27) 2,4-Dimethylphenol	7.71	122	559349	41.28	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	689934	38.54	ng	99
29) 2,4-Dichlorophenol	7.92	162	541898	43.36	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	553578	40.87	ng	99
31) Naphthalene	8.08	128	1813179	41.04	ng	98
32) Benzoic acid	7.86	122	409156	42.37	ng	94
33) 4-Chloroaniline	8.12	127	734473	39.47	ng	98
34) Hexachlorobutadiene	8.19	225	298172	39.15	ng	98
35) Caprolactam	8.51	113	176327	43.85	ng	# 75
36) 4-Chloro-3-methylphenol	8.61	107	564579	40.95	ng	96
37) 2-Methylnaphthalene	8.76	142	1132577	40.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	512985	41.70	ng	99
40) Hexachlorocyclopentadiene	8.92	237	195373	37.47	ng	98

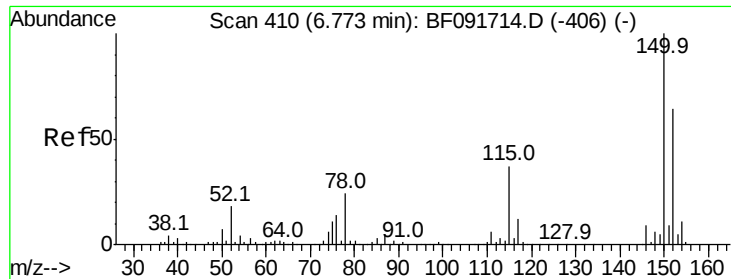
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	376009	42.78	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	368329	42.65	nq	# 87
45) 1,1'-Biphenyl	9.23	154	1512268	42.75	nq	99
46) 2-Chloronaphthalene	9.25	162	1143033	43.24	nq	98
47) 2-Nitroaniline	9.34	65	394186	43.67	nq	96
48) Acenaphthylene	9.66	152	1675313	40.90	nq	100
49) Dimethylphthalate	9.54	163	1359701	42.18	nq	100
50) 2,6-Dinitrotoluene	9.60	165	312756	44.24	nq	89
51) Acenaphthene	9.84	154	1058368	37.65	nq	99
52) 3-Nitroaniline	9.77	138	406079	46.14	nq	82
53) 2,4-Dinitrophenol	9.87	184	168004	44.00	nq	# 73
54) Dibenzofuran	10.01	168	1438669	43.04	nq	99
55) 4-Nitrophenol	9.94	139	267165	43.71	nq	94
56) 2,4-Dinitrotoluene	10.00	165	360318	40.81	nq	91
57) Fluorene	10.35	166	1202551	46.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	309283	43.32	nq	97
59) Diethylphthalate	10.24	149	1256936	39.66	nq	94
60) 4-Chlorophenyl-phenylether	10.34	204	469452	39.69	nq	98
61) 4-Nitroaniline	10.37	138	363085	43.54	nq	98
62) Azobenzene	10.50	77	1316400	39.04	nq	100
64) 4,6-Dinitro-2-methylphenol	10.41	198	226745	42.05	nq	# 70
65) n-Nitrosodiphenylamine	10.46	169	1025878	40.41	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	333001	38.85	nq	98
67) Hexachlorobenzene	10.90	284	383866	42.73	nq	97
68) Atrazine	11.00	200	329195	42.91	nq	93
69) Pentachlorophenol	11.09	266	204749	42.24	nq	97
70) Phenanthrene	11.31	178	1863267	45.62	nq	98
71) Anthracene	11.36	178	1623346	37.52	nq	99
72) Carbazole	11.52	167	1572516	41.56	nq	100
73) Di-n-butylphthalate	11.85	149	1822067	37.56	nq	100
74) Fluoranthene	12.49	202	1688436	39.58	nq	99
76) Benzidine	12.61	184	769095	42.07	nq	99
77) Pyrene	12.72	202	1793222	39.09	nq	100
79) Butylbenzylphthalate	13.35	149	884678	41.21	nq	91
80) Benzo(a)anthracene	13.91	228	1499974	41.29	nq	100
81) 3,3'-Dichlorobenzidine	13.87	252	599715	41.25	nq	98
82) Chrysene	13.95	228	1565061	41.56	nq	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	980860	36.02	nq	98
84) Di-n-octyl phthalate	14.52	149	2276905	45.37	nq	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	1485057	40.11	nq	100
87) Benzo(b)fluoranthene	14.92	252	1724141m	35.31	nq	
88) Benzo(k)fluoranthene	14.96	252	1659921m	48.45	nq	
89) Benzo(a)pyrene	15.27	252	1607705	38.36	nq	99
90) Dibenzo(a,h)anthracene	16.68	278	1258262	34.44	nq	99
91) Benzo(g,h,i)perylene	17.08	276	1271658	34.25	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091807.D

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SSTDCCC040

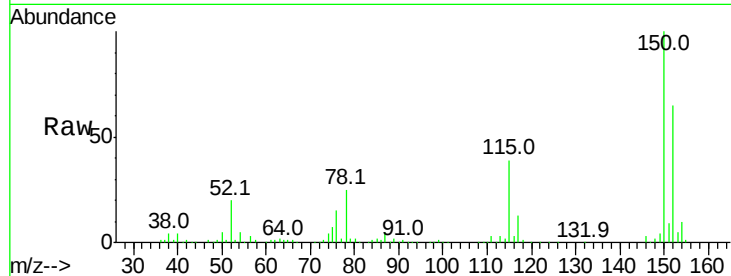
Tot Ion:152 Resp: 229001

Ion Ratio Lower Upper

152 100

150 153.5 124.9 187.3

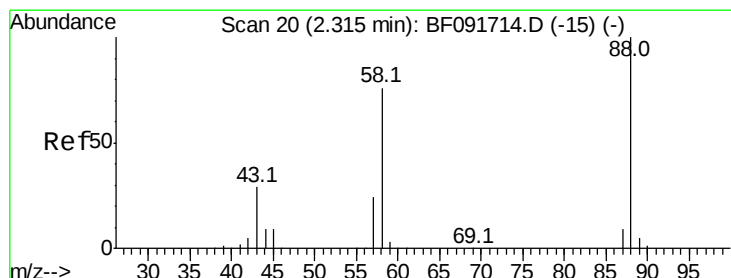
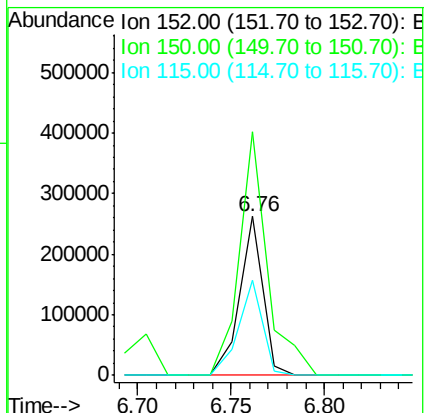
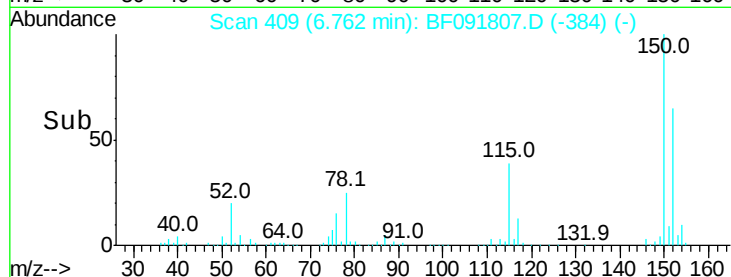
115 60.0 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.90 ng

RT: 2.29 min Scan# 18

Delta R.T. -0.02 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

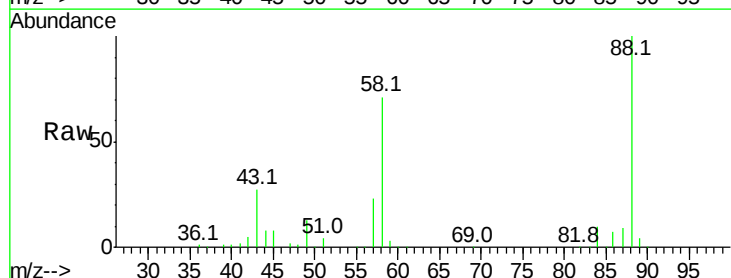
Tgt Ion: 88 Resp: 275303

Ion Ratio Lower Upper

88 100

58 73.4 57.8 86.8

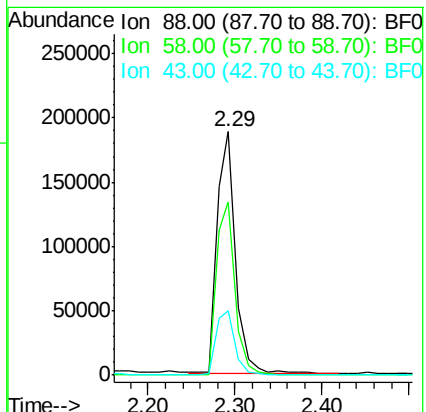
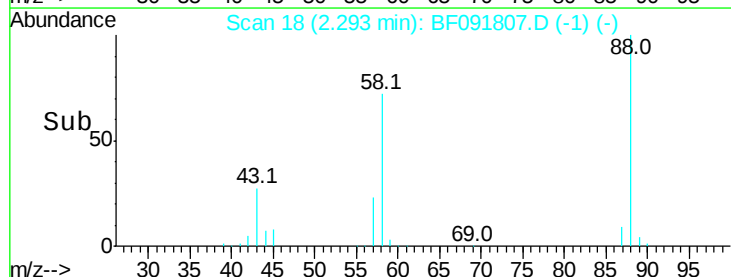
43 28.8 22.3 33.5

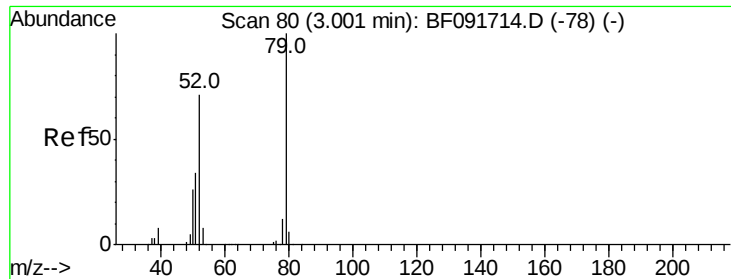


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.55 ng

RT: 2.98 min Scan# 78

Delta R.T. -0.02 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

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SSTDCCC040

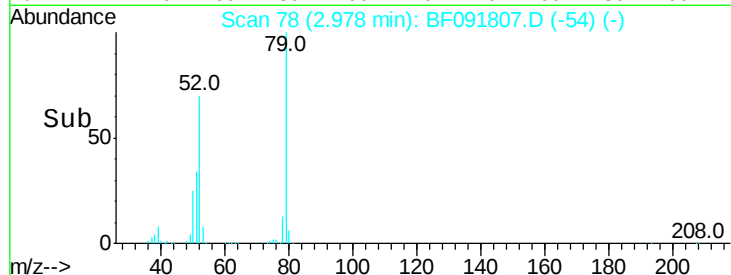
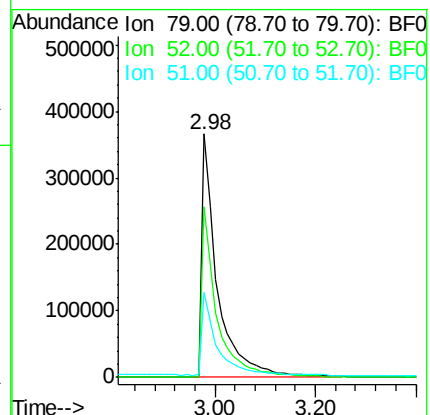
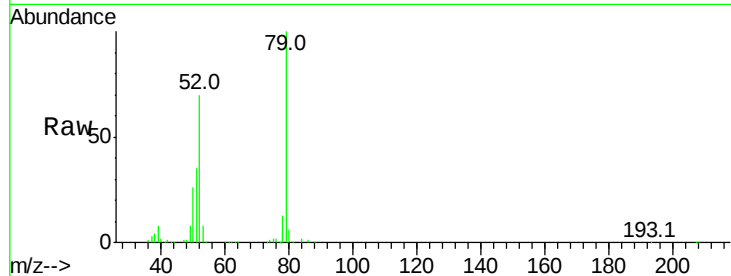
Tot Ion: 79 Resp: 792531

Ion Ratio Lower Upper

79 100

52 70.2 57.1 85.7

51 35.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 38.10 ng

RT: 2.93 min Scan# 74

Delta R.T. -0.03 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

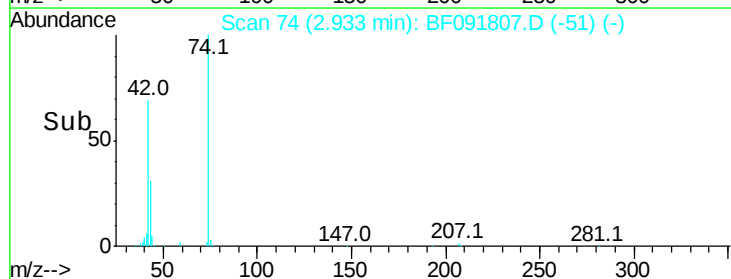
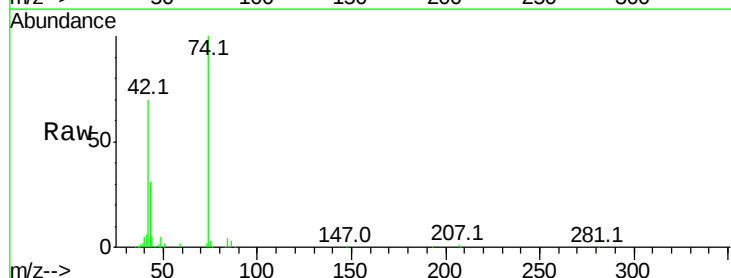
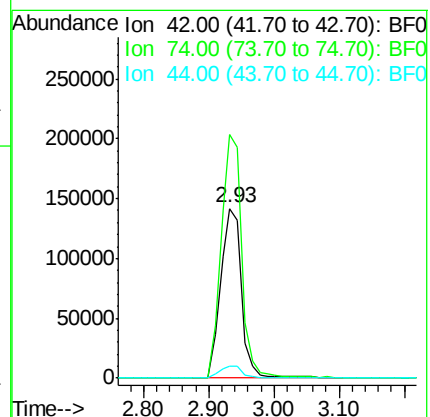
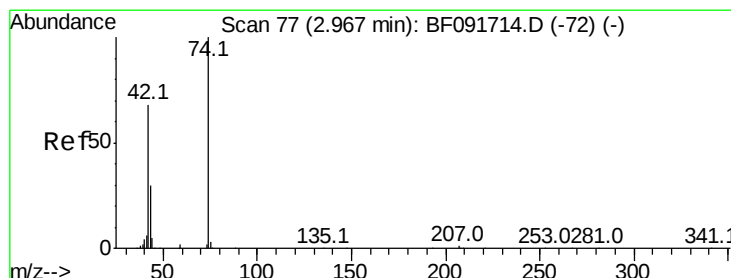
Tgt Ion: 42 Resp: 319718

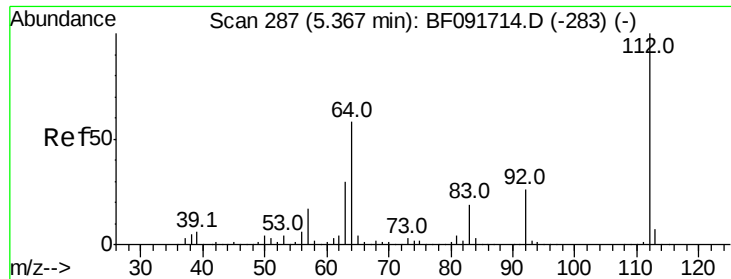
Ion Ratio Lower Upper

42 100

74 143.8 117.0 175.4

44 7.2 5.5 8.3

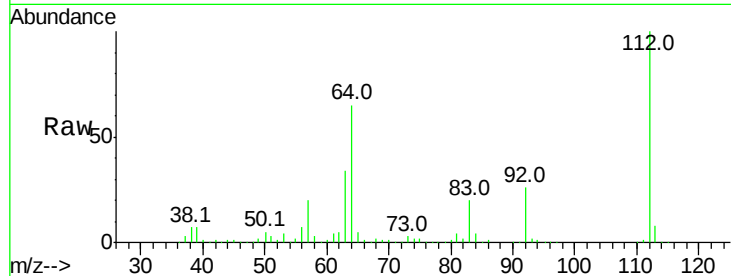




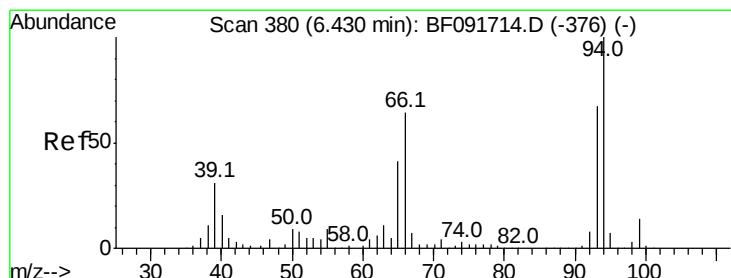
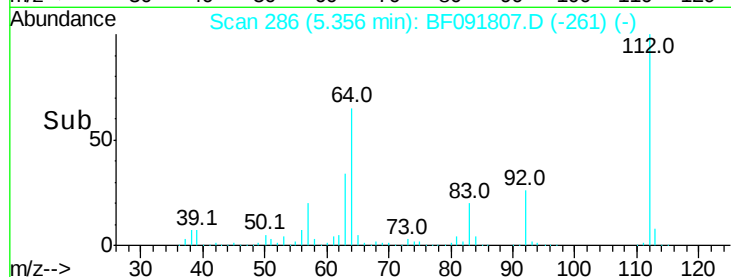
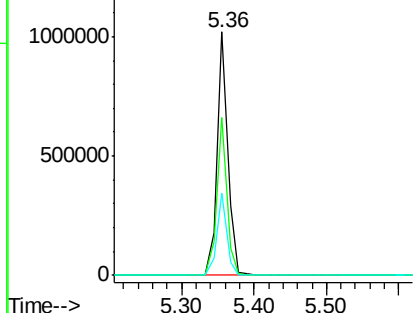
#5
 2-Fluorophenol
 Concen: 76.33 ng
 RT: 5.36 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 112 Resp: 1043302
 Ion Ratio Lower Upper
 112 100
 64 64.6 46.1 69.1
 63 33.6 23.8 35.6

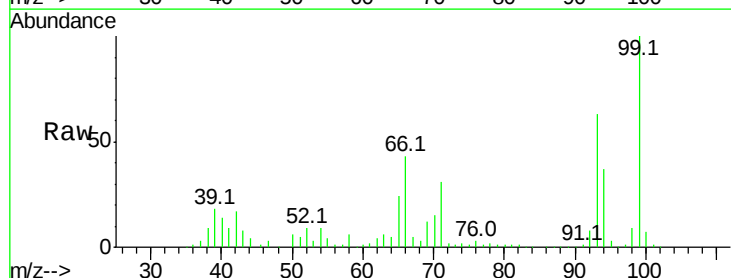


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

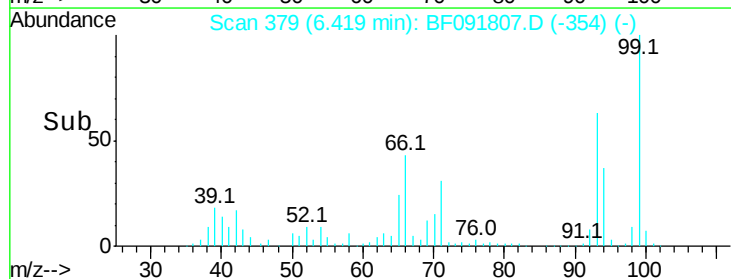
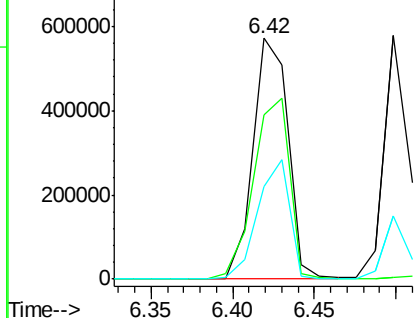


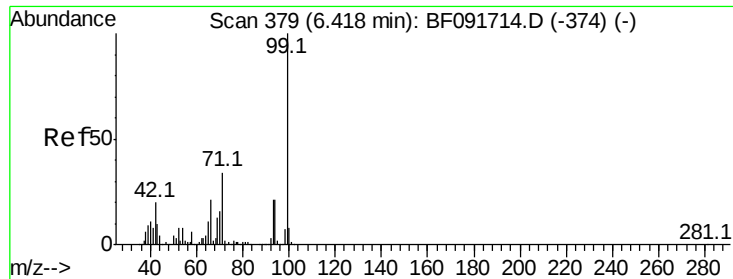
#6
 Aniline
 Concen: 39.70 ng
 RT: 6.42 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion: 93 Resp: 851495
 Ion Ratio Lower Upper
 93 100
 66 68.0 76.2 114.2#
 65 38.4 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.87 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

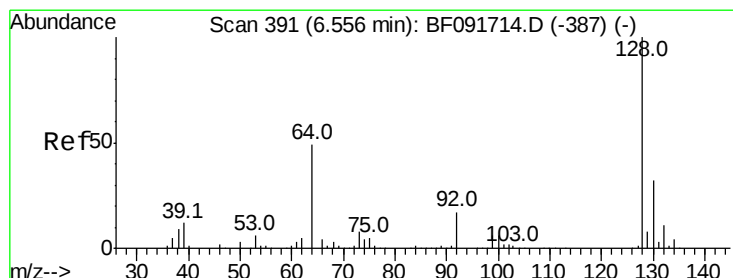
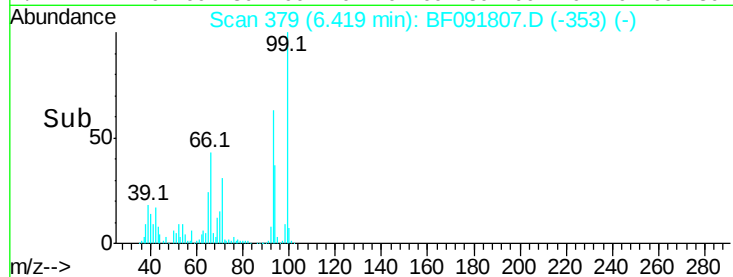
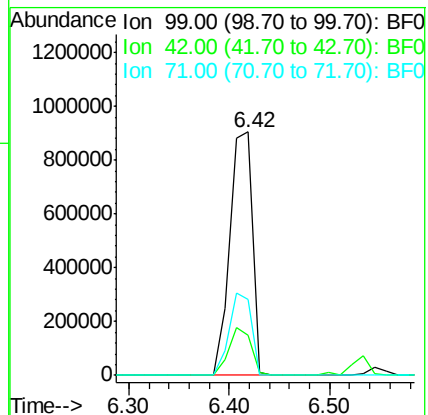
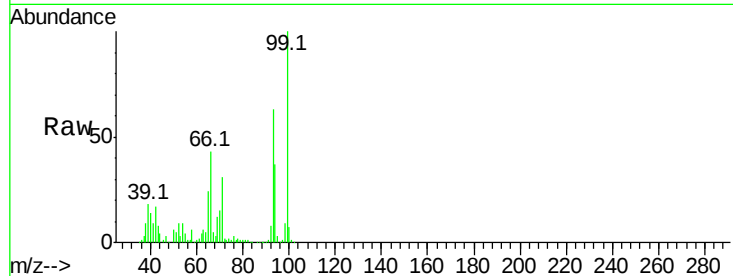
Tot Ion: 99 Resp: 1414770

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

71 31.0 27.5 41.3



#8

2-Chlorophenol

Concen: 41.88 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

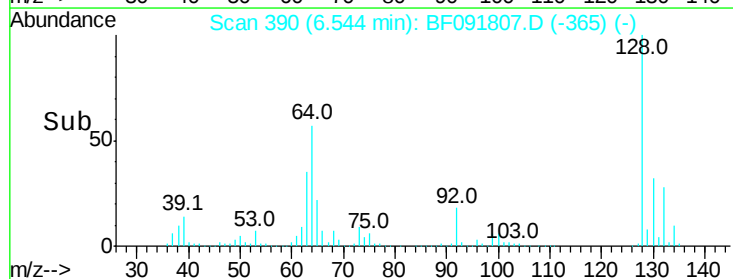
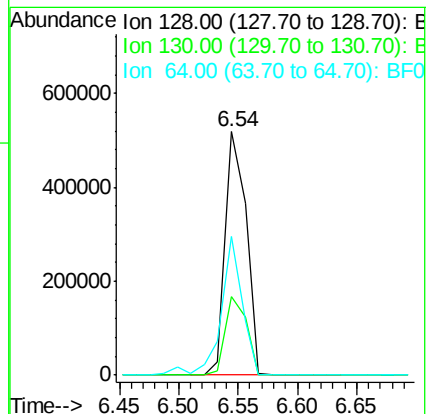
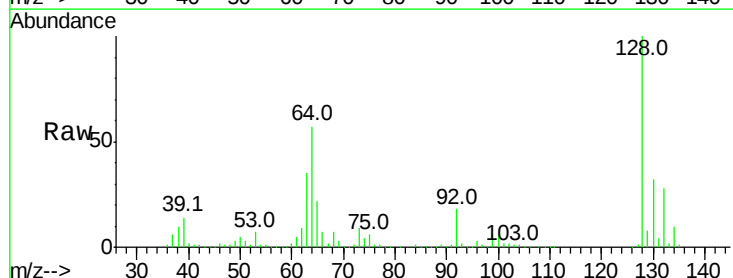
Tgt Ion: 128 Resp: 630080

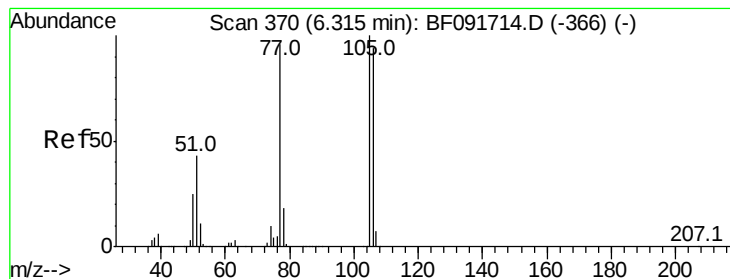
Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

64 56.9 32.2 72.2





#9

Benzaldehyde

Concen: 43.10 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

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ClientSampleId :

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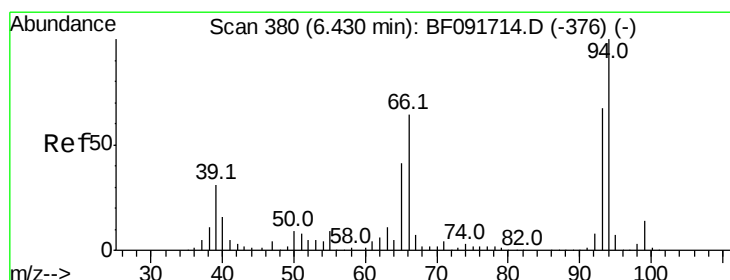
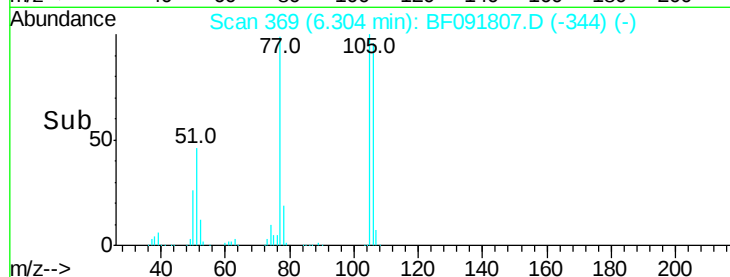
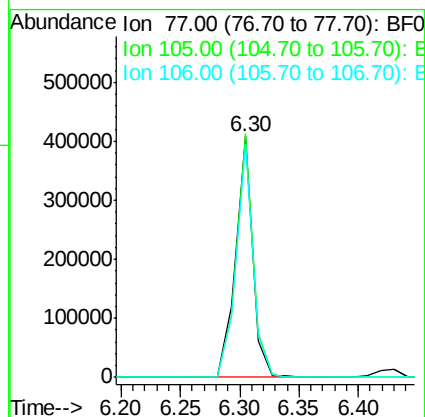
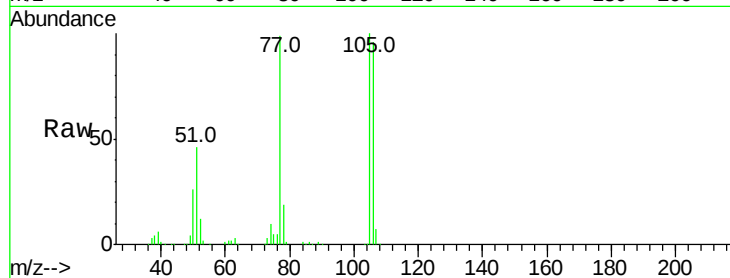
Tot Ion: 77 Resp: 410660

Ion Ratio Lower Upper

77 100

105 101.1 83.9 123.9

106 97.1 77.6 117.6



#10

Phenol

Concen: 44.17 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

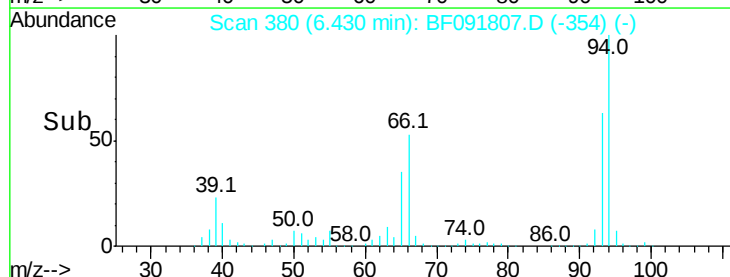
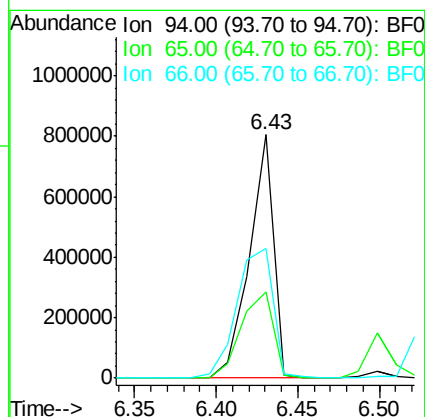
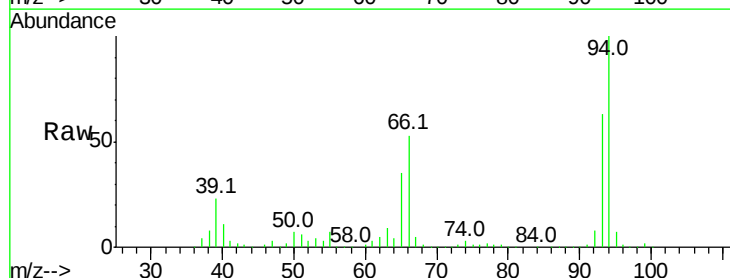
Tgt Ion: 94 Resp: 829917

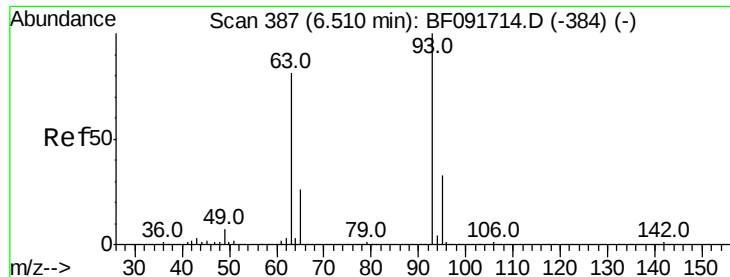
Ion Ratio Lower Upper

94 100

65 35.4 21.4 61.4

66 53.2 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 39.78 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

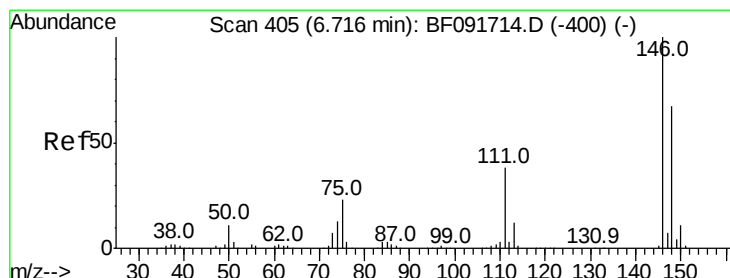
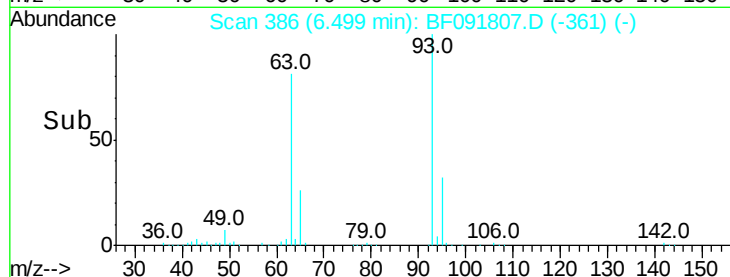
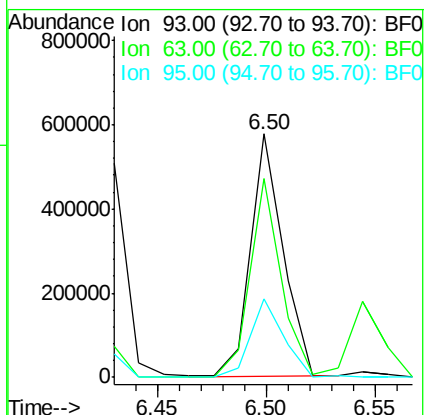
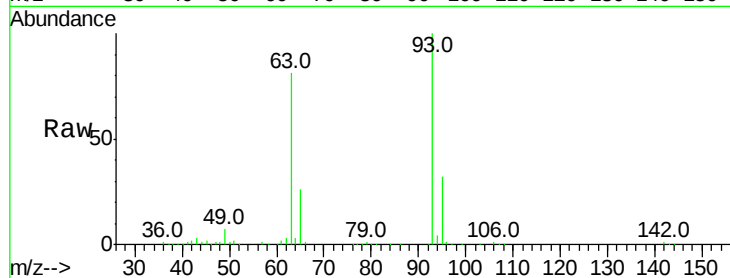
Tot Ion: 93 Resp: 596974

Ion Ratio Lower Upper

93 100

63 81.4 60.4 100.4

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.42 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

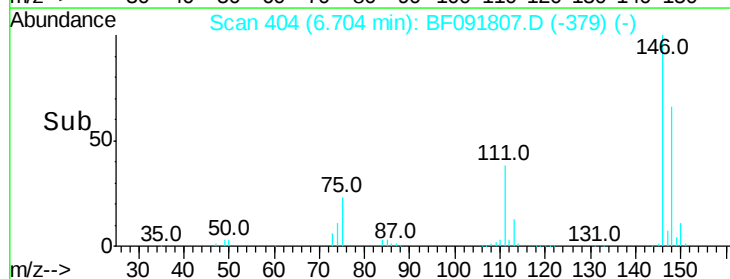
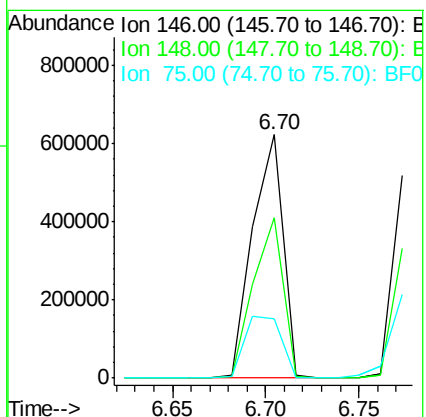
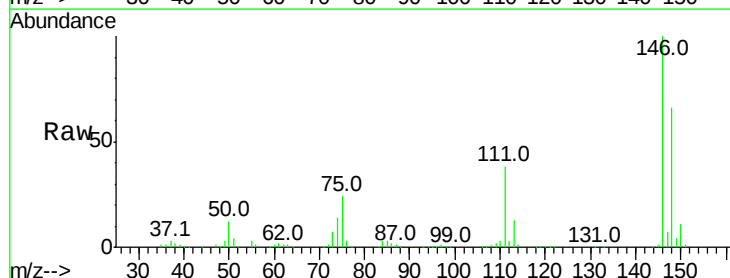
Tgt Ion: 146 Resp: 700853

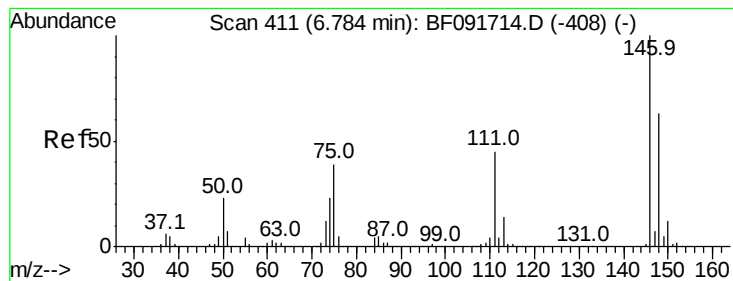
Ion Ratio Lower Upper

146 100

148 65.8 53.4 80.0

75 24.4 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 40.21 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

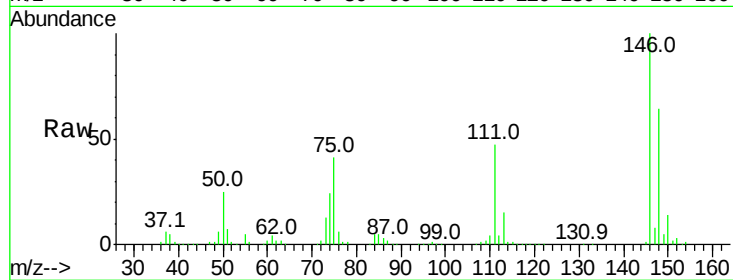
Tot Ion:146 Resp: 672163

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

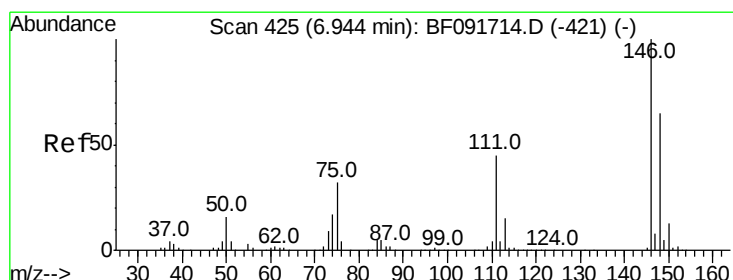
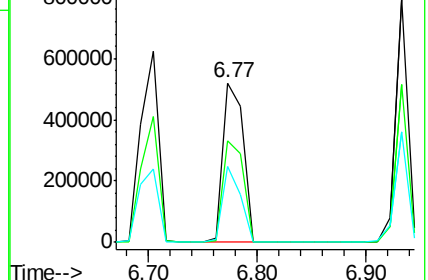
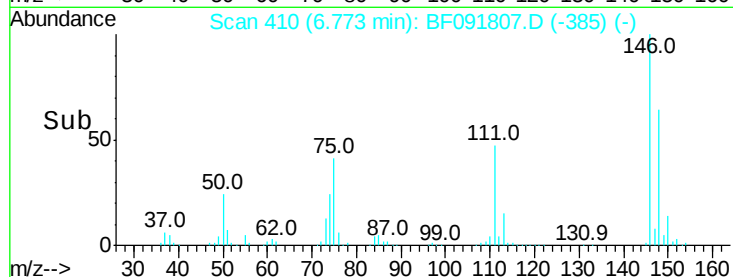
111 47.4 36.2 54.4



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



#14

1,2-Dichlorobenzene

Concen: 43.24 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

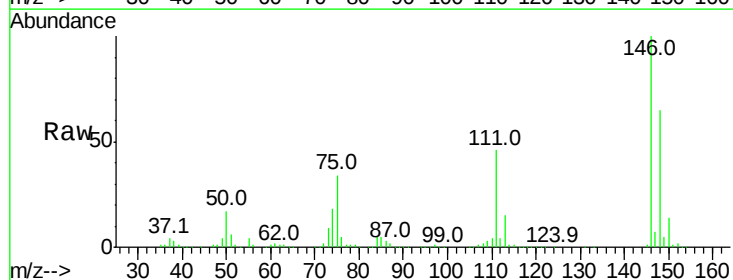
Tgt Ion:146 Resp: 633192

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

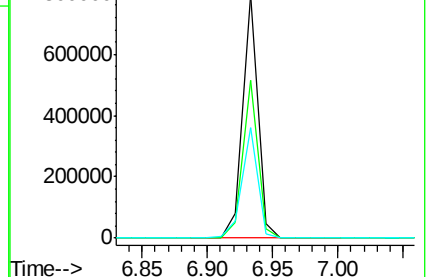
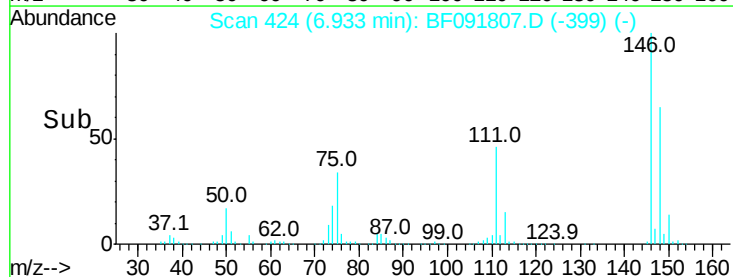
111 45.6 36.2 54.2

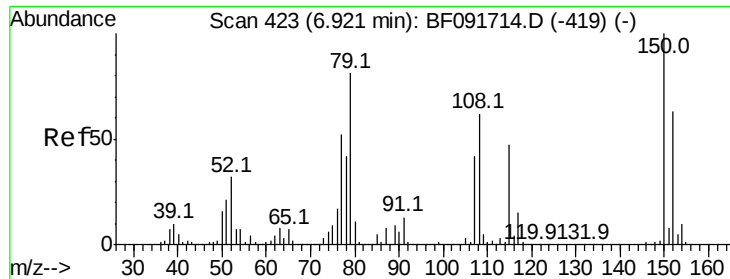


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.94 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

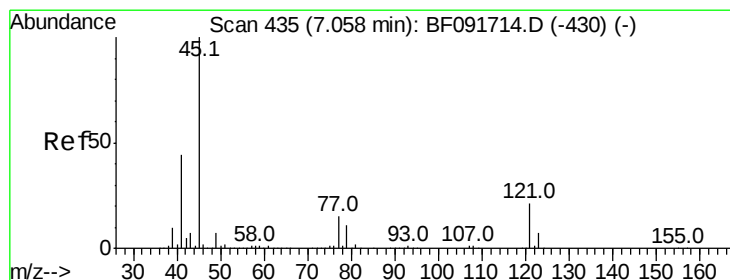
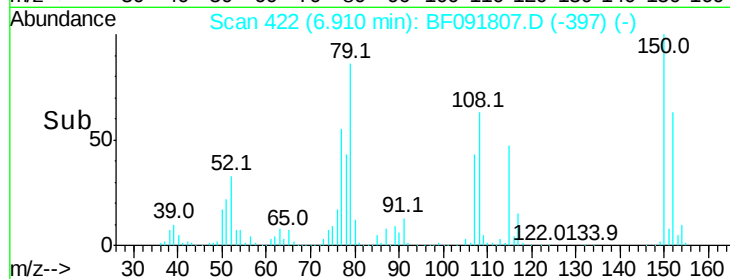
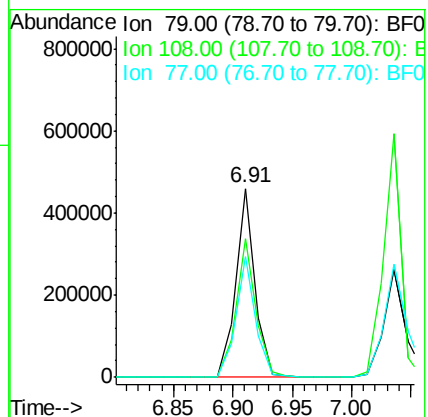
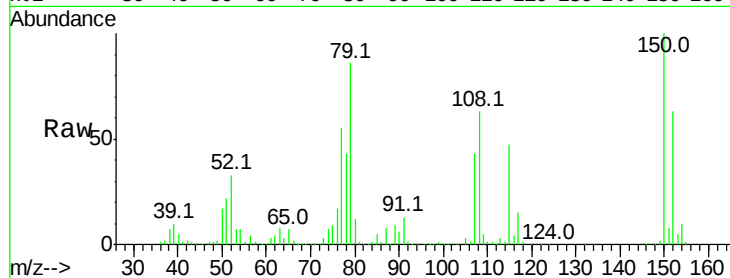
Tot Ion: 79 Resp: 515505

Ion Ratio Lower Upper

79 100

108 73.5 61.4 92.0

77 64.0 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.34 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

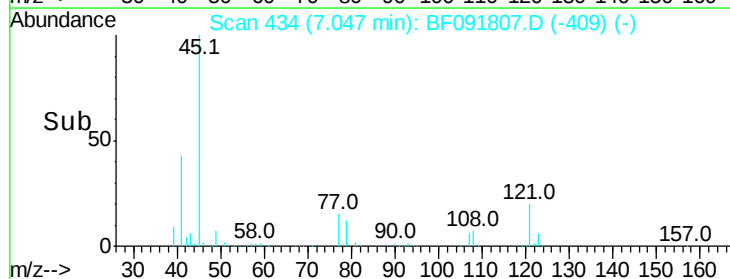
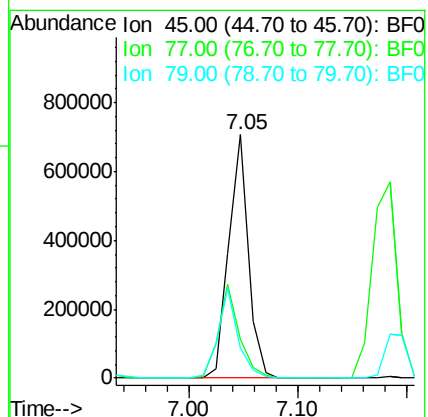
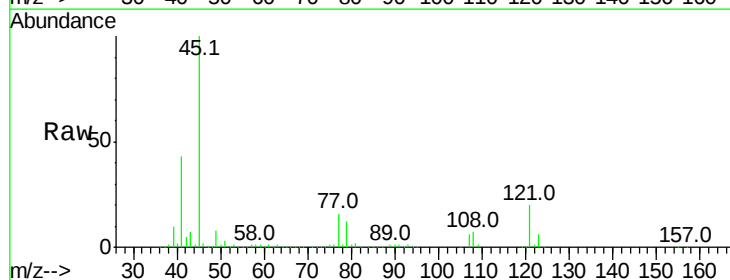
Tgt Ion: 45 Resp: 879231

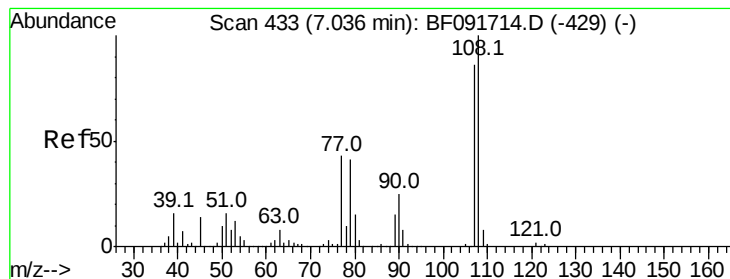
Ion Ratio Lower Upper

45 100

77 16.0 0.0 34.6

79 12.5 0.0 31.2





#17

2-Methylphenol

Concen: 41.91 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 527000

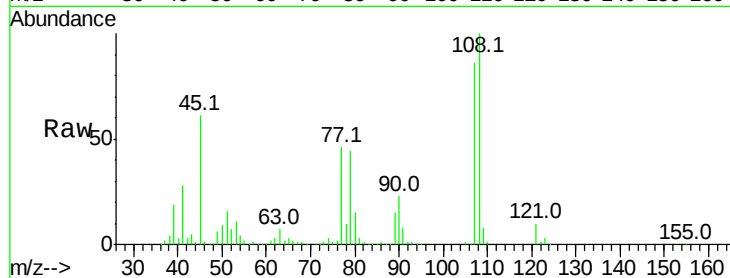
Ion Ratio Lower Upper

107 100

108 116.1 93.0 139.6

77 53.7 39.8 59.8

79 51.2 38.0 57.0

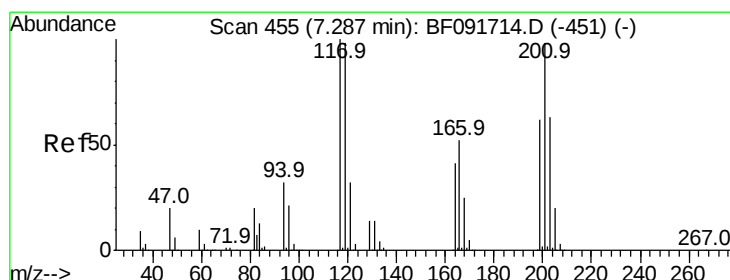
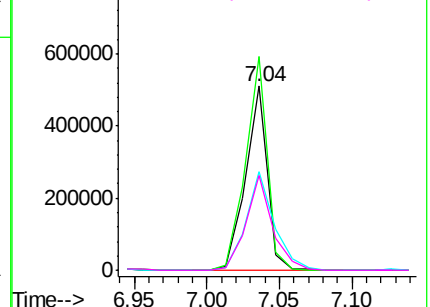
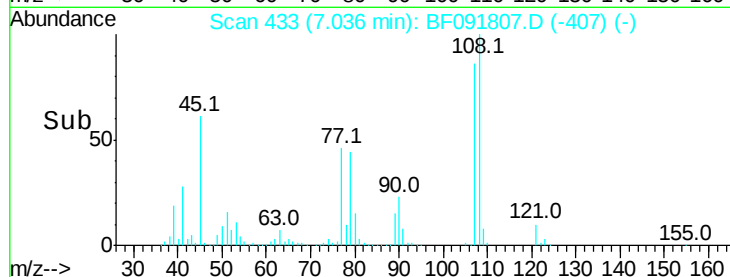


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.70 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

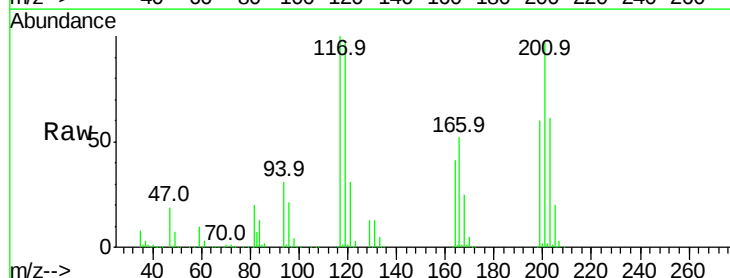
Tgt Ion:117 Resp: 265218

Ion Ratio Lower Upper

117 100

119 97.1 78.1 117.1

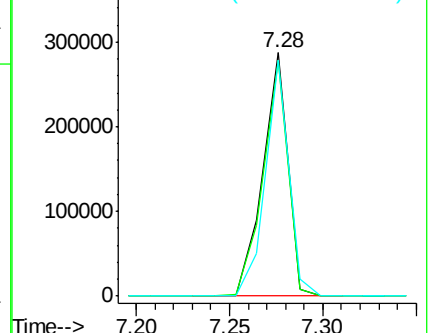
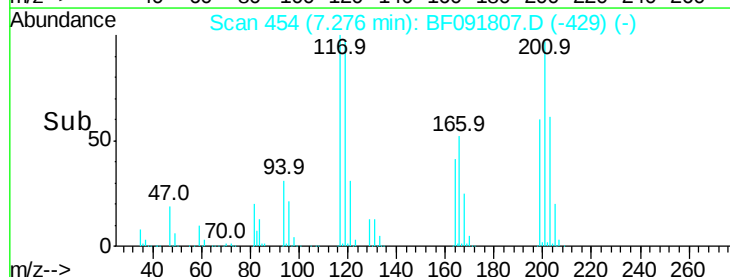
201 96.8 78.6 117.8

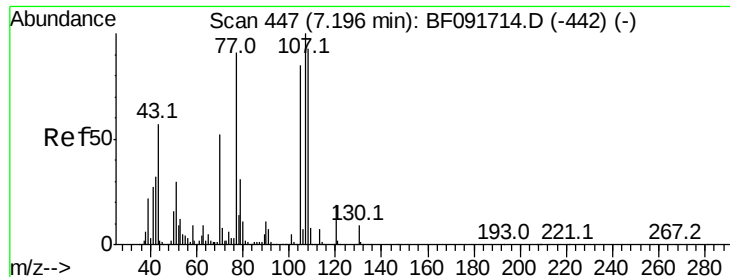


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

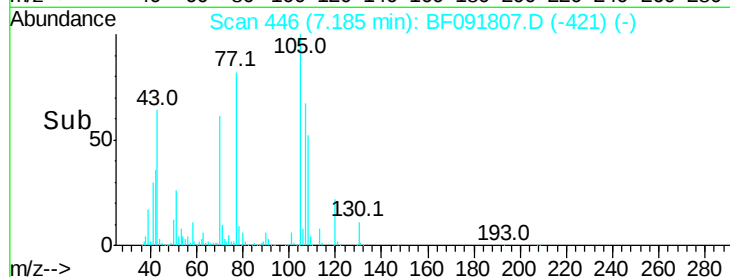
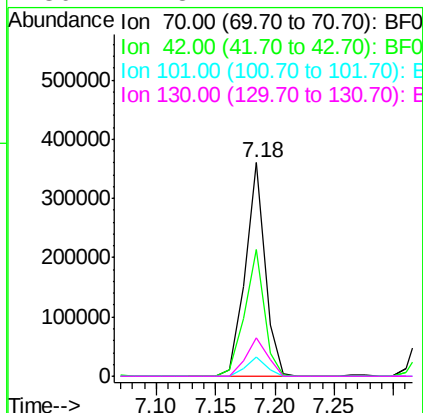
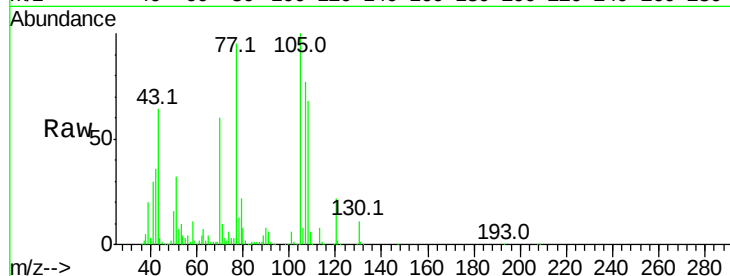




#19
n-Nitroso-di-n-propylamine
Concen: 38.09 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

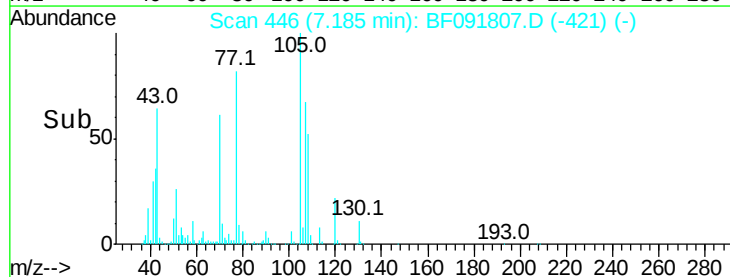
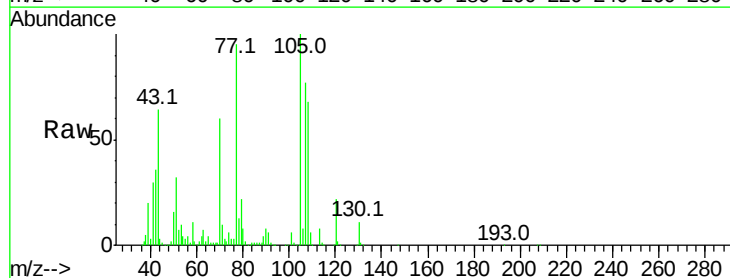
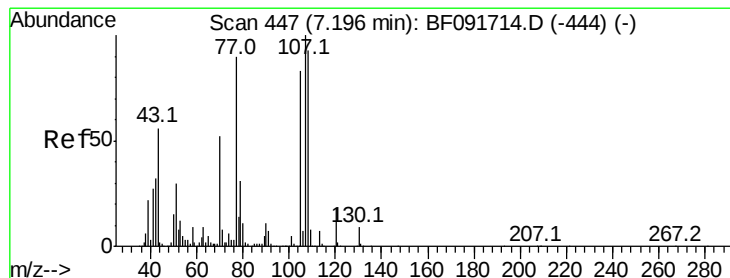
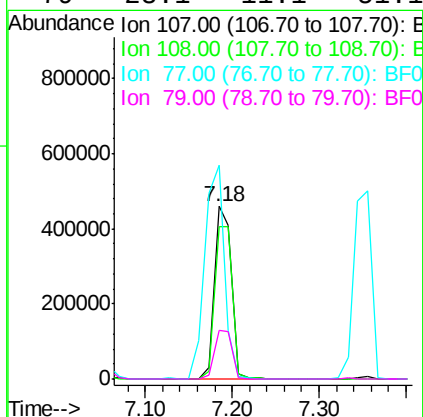
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

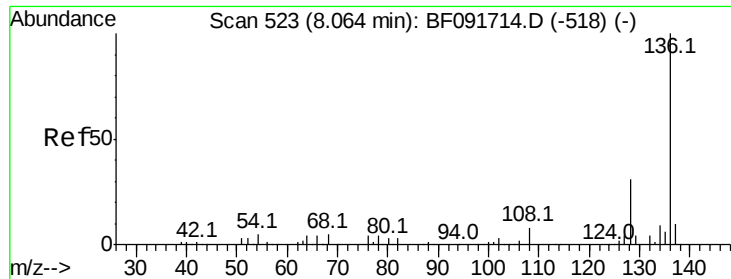
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.6	49.4	74.0	
101	9.2	7.4	11.2	
130	17.8	14.2	21.4	



#20
3+4-Methylphenols
Concen: 45.10 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	73.0	113.0	
77	123.7	71.3	111.3	
79	28.1	11.1	51.1	

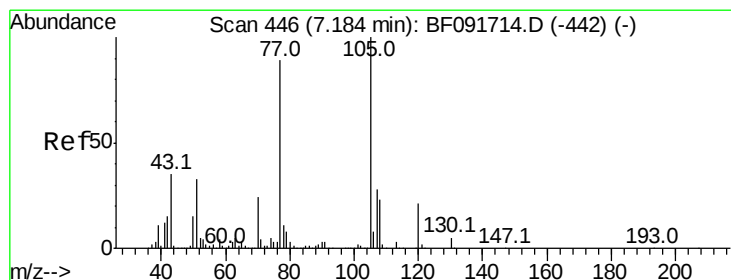
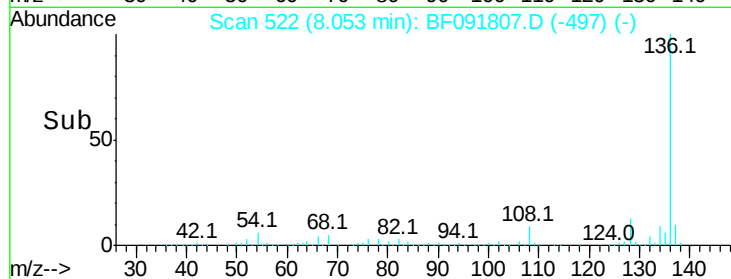
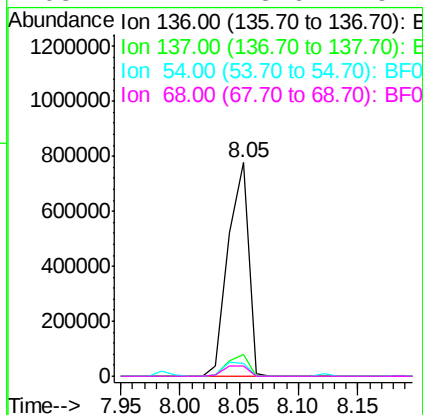
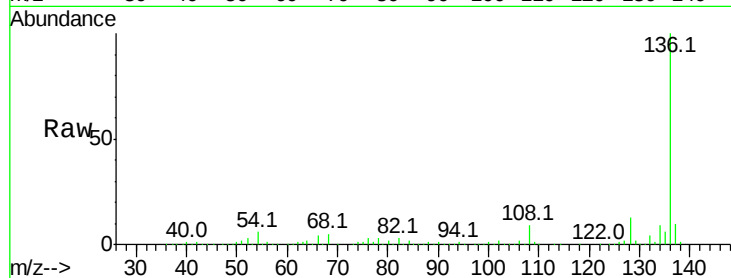




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

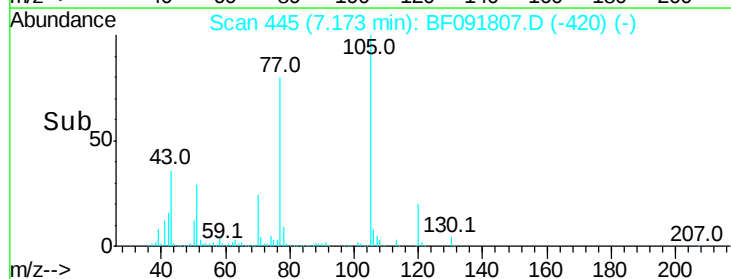
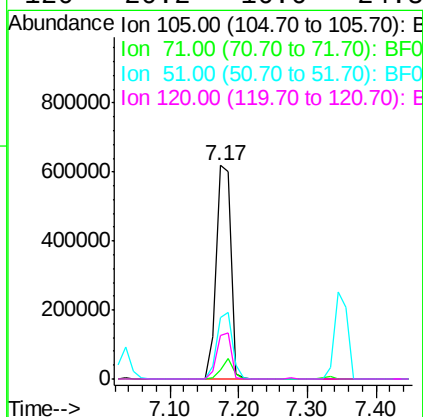
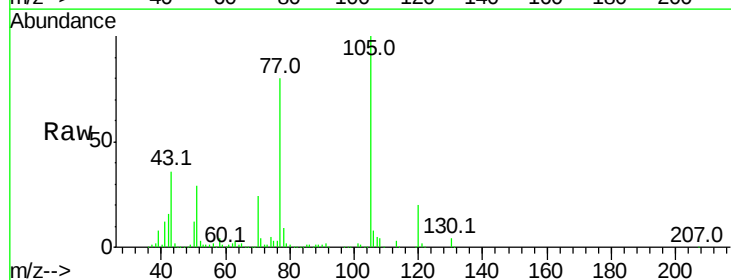
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

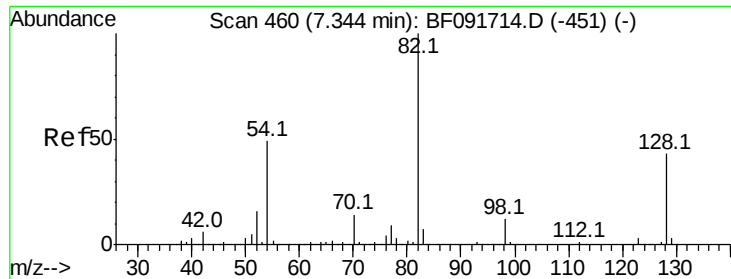
Tot Ion:136	Resp:	924716
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.4	12.6
54 5.8	4.5	6.7
68 4.7	3.6	5.4



#22
Acetophenone
Concen: 41.85 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:105	Resp:	934325
Ion Ratio	Lower	Upper
105 100		
71 4.1	3.2	4.8
51 29.0	26.2	39.4
120 20.2	16.6	24.8

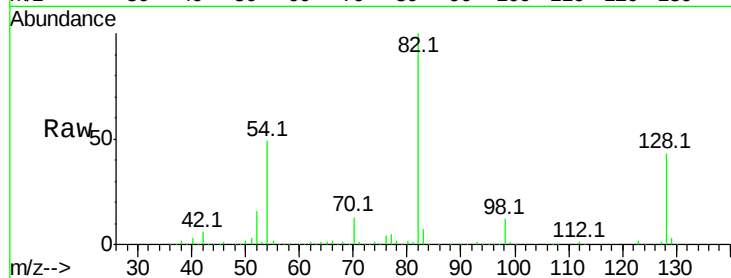




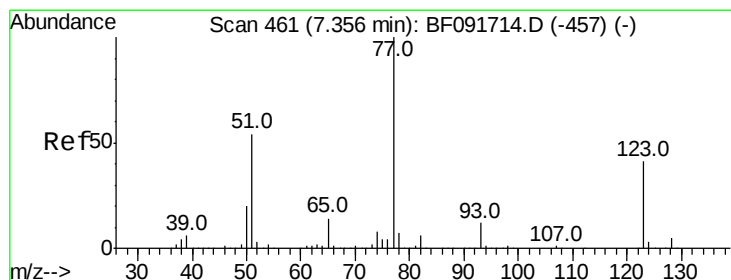
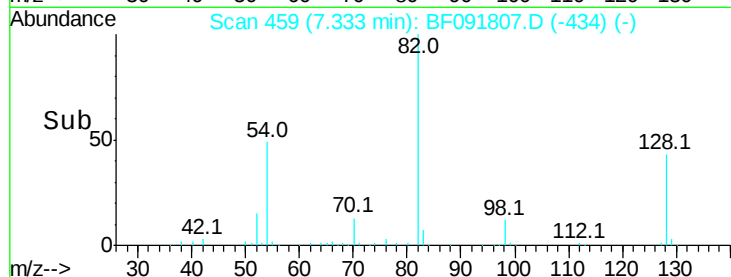
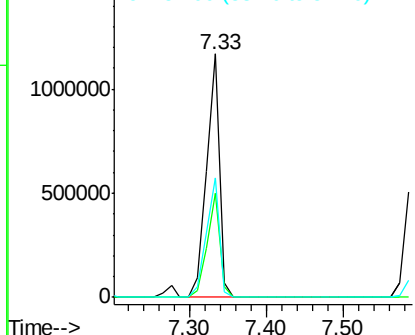
#23
Nitrobenzene-d5
Concen: 83.17 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1333574
Ion Ratio Lower Upper
82 100
128 42.7 34.6 52.0
54 49.2 39.5 59.3

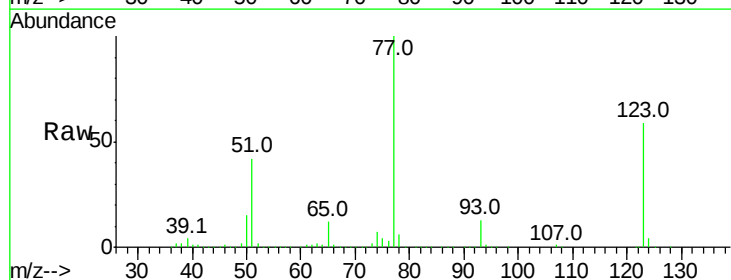


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

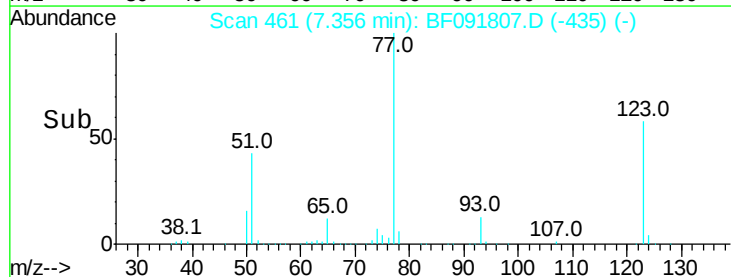
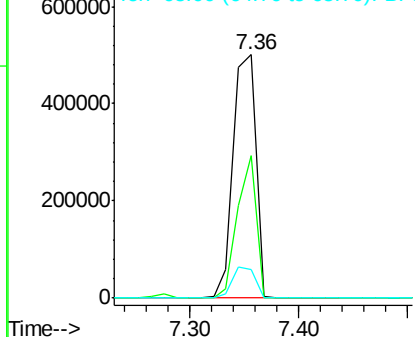


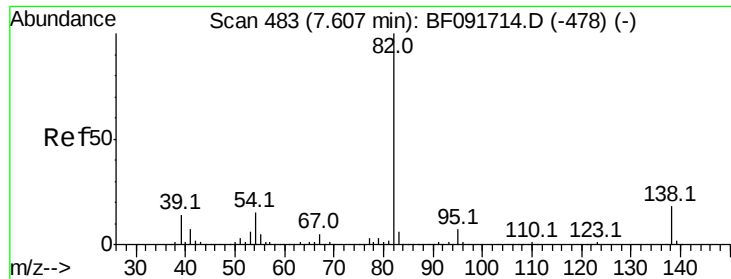
#24
Nitrobenzene
Concen: 41.41 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion: 77 Resp: 713059
Ion Ratio Lower Upper
77 100
123 58.7 33.0 49.4#
65 11.5 11.2 16.8



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





#25

Isophorone

Concen: 40.50 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

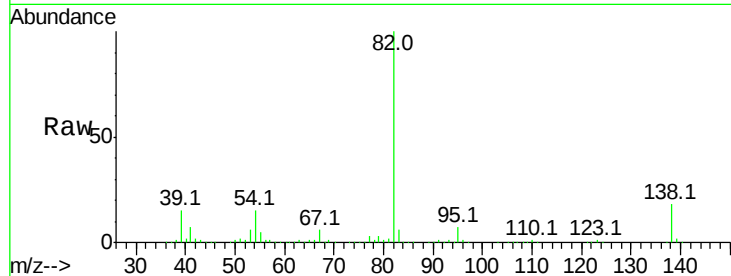
Tot Ion: 82 Resp: 1239099

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

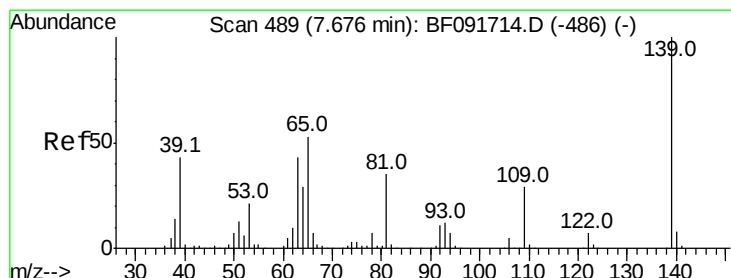
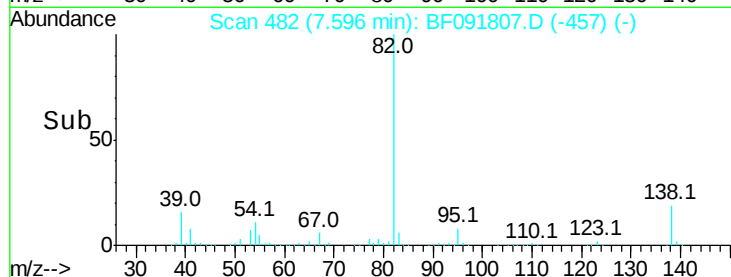
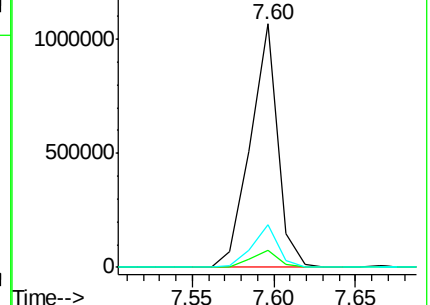
138 17.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.63 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

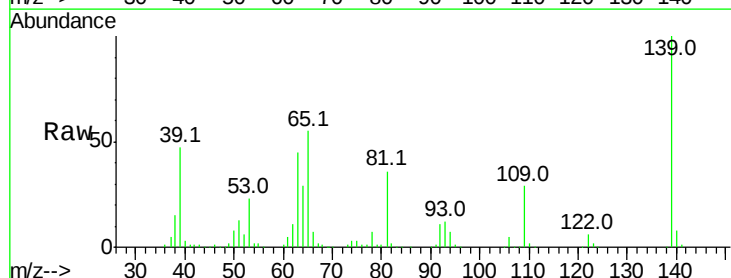
Tgt Ion: 139 Resp: 337536

Ion Ratio Lower Upper

139 100

109 29.3 23.3 34.9

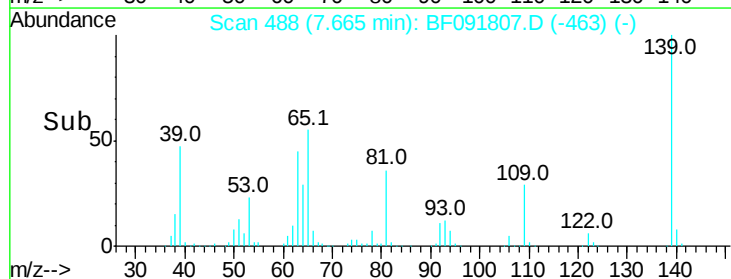
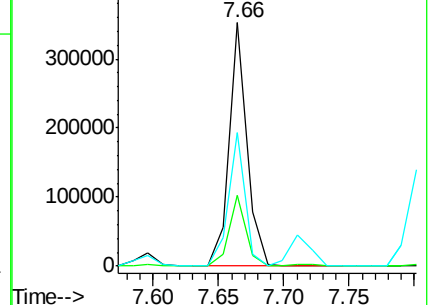
65 54.8 42.7 64.1

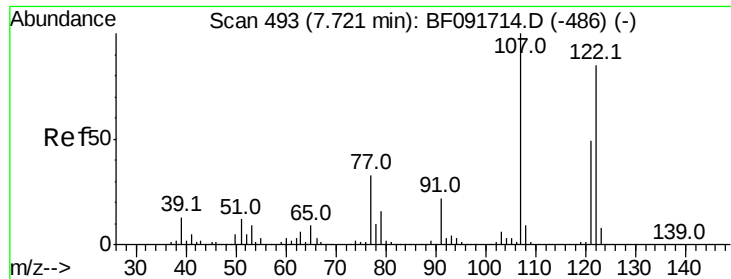


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.28 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

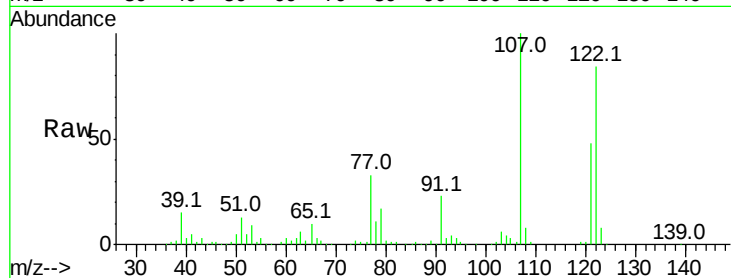
Tot Ion:122 Resp: 559349

Ion Ratio Lower Upper

122 100

107 118.7 94.1 141.1

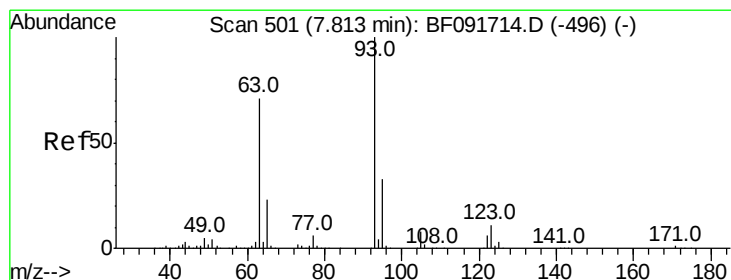
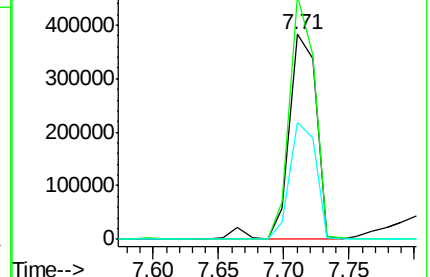
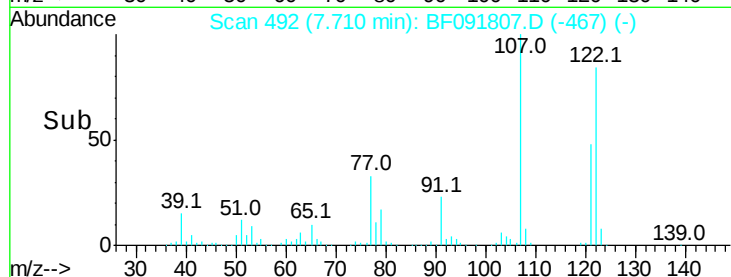
121 57.1 46.0 69.0



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: 38.54 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

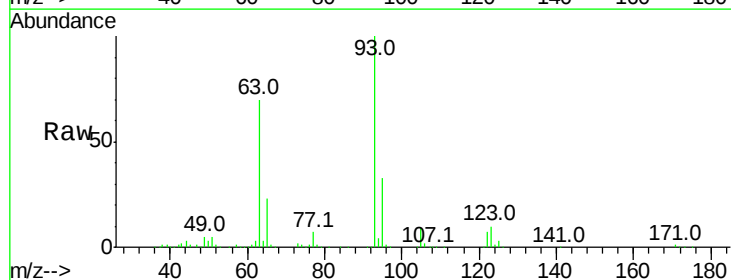
Tgt Ion: 93 Resp: 689934

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

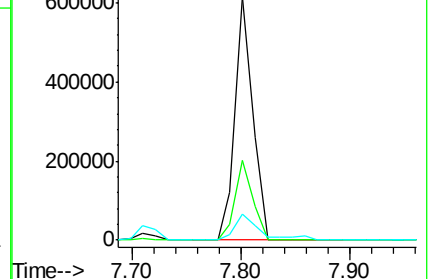
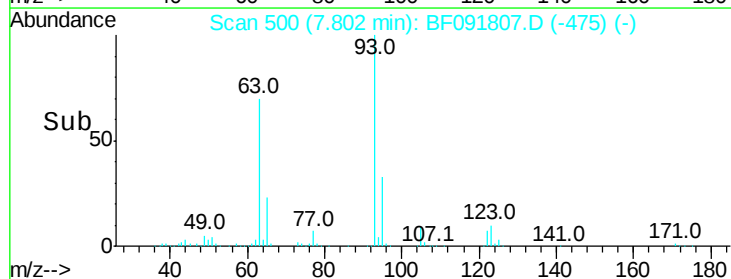
123 10.5 8.6 13.0

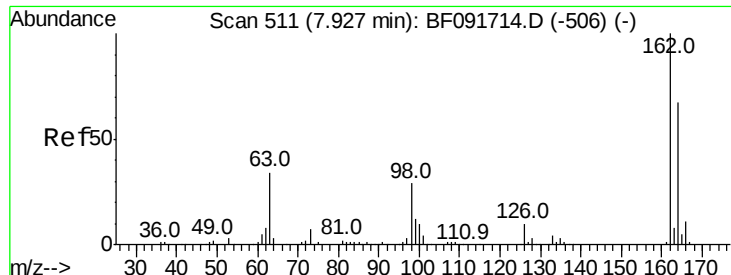


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

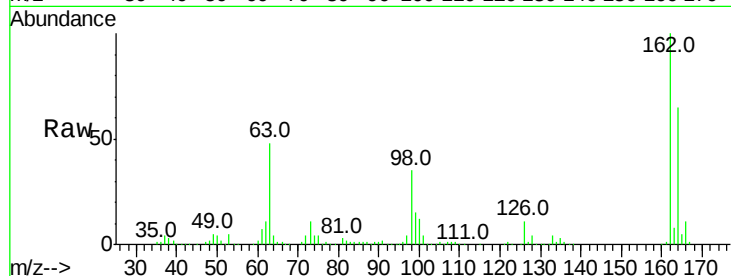




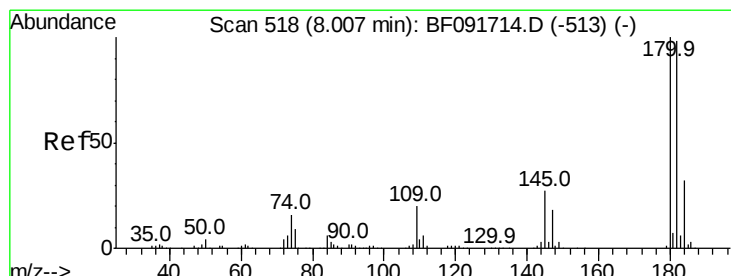
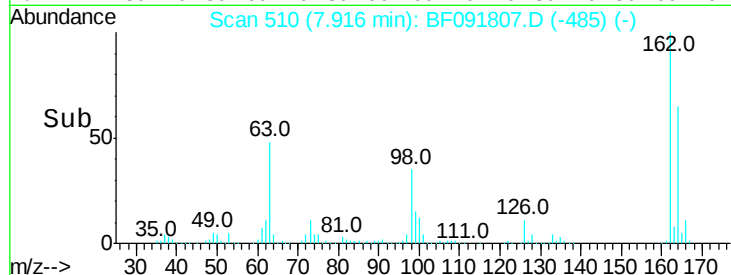
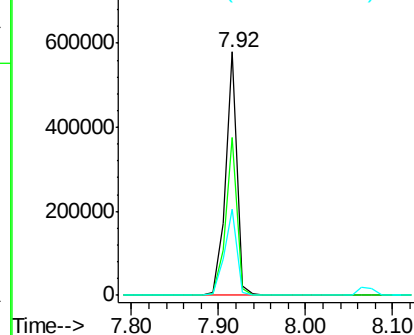
#29
 2,4-Dichlorophenol
 Concen: 43.36 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.8	86.8
98	35.2	9.1	49.1

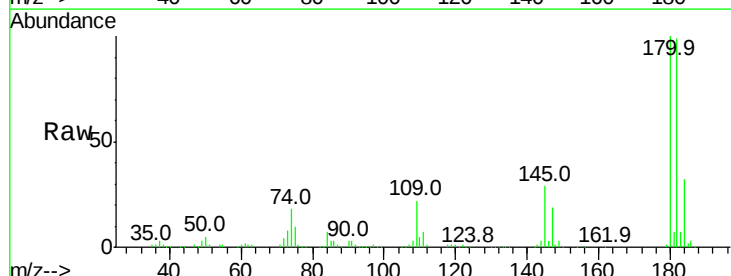


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

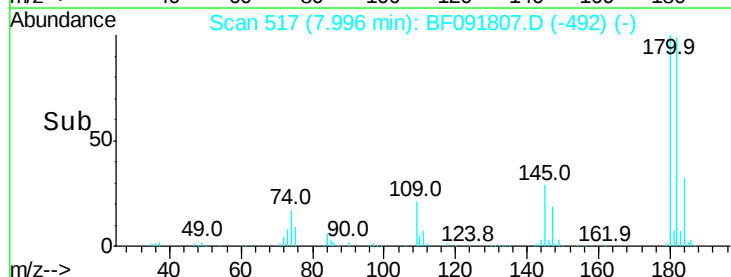
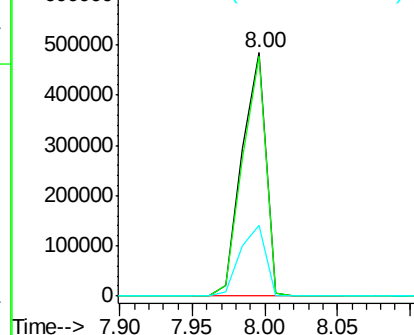


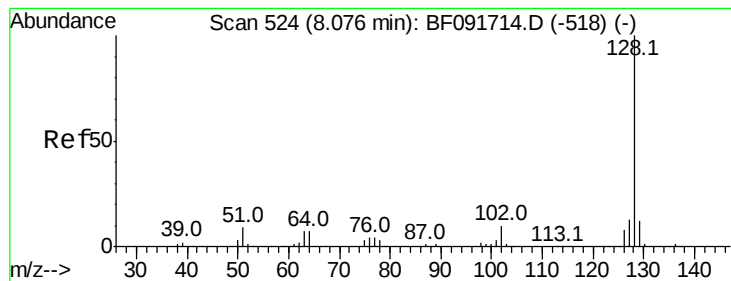
#30
 1,2,4-Trichlorobenzene
 Concen: 40.87 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	78.2	117.4
145	28.9	21.6	32.4



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: 41.04 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

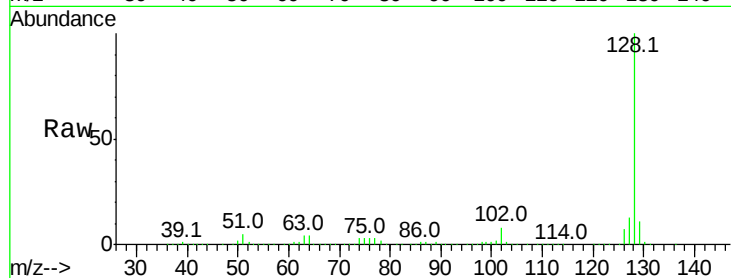
Tot Ion:128 Resp: 1813179

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

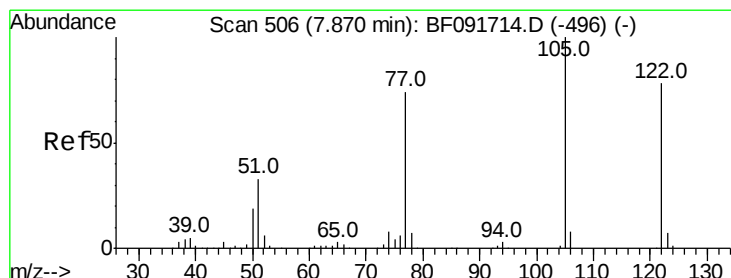
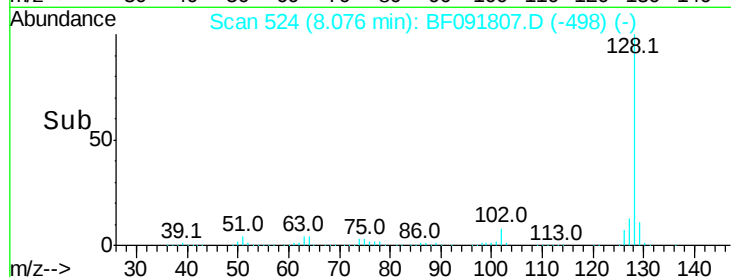
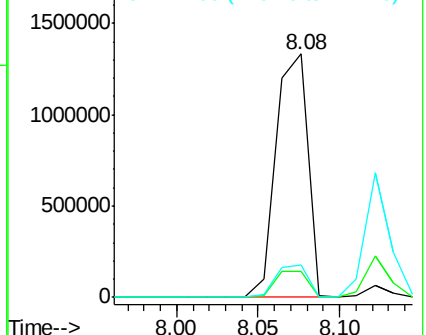
127 13.2 10.8 16.2



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: 42.37 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

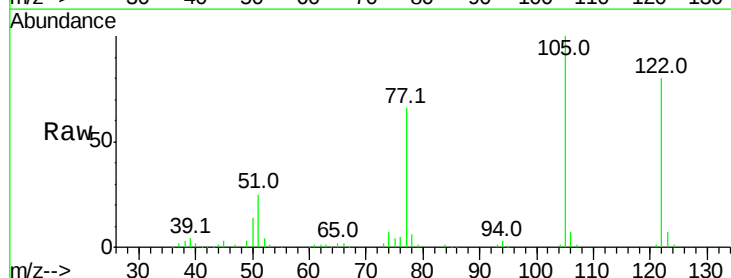
Tgt Ion:122 Resp: 409156

Ion Ratio Lower Upper

122 100

105 124.8 107.2 147.2

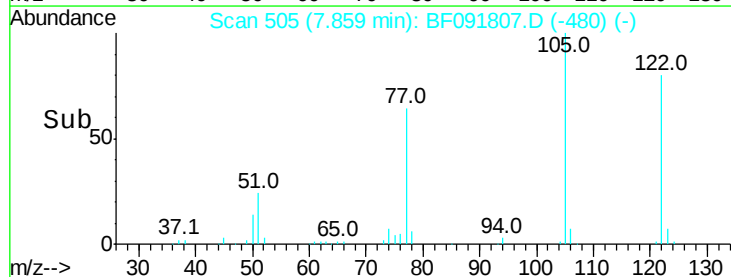
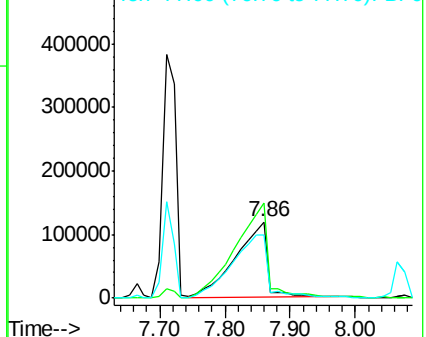
77 82.7 74.5 114.5

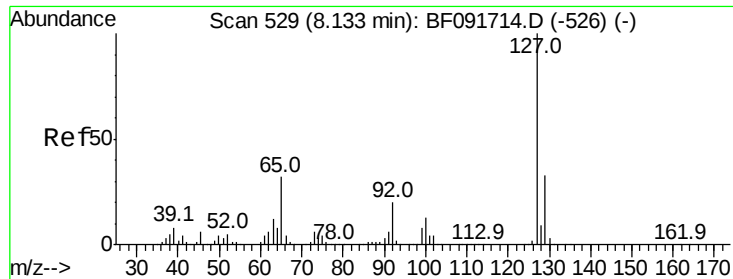


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

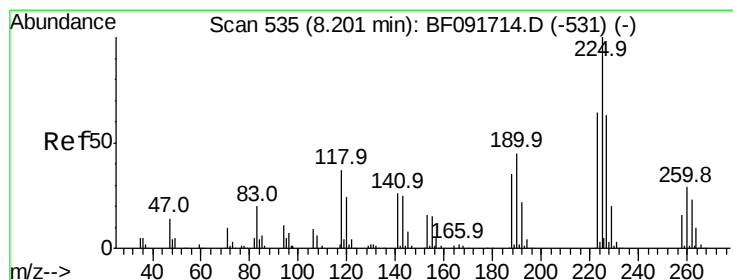
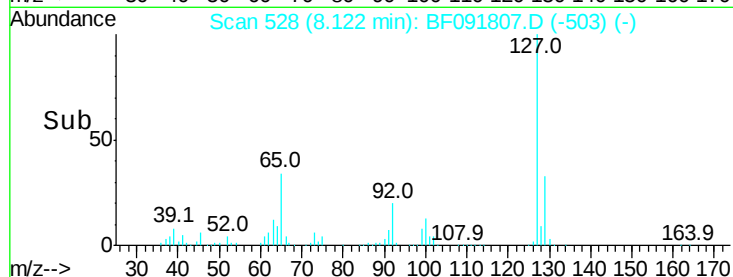
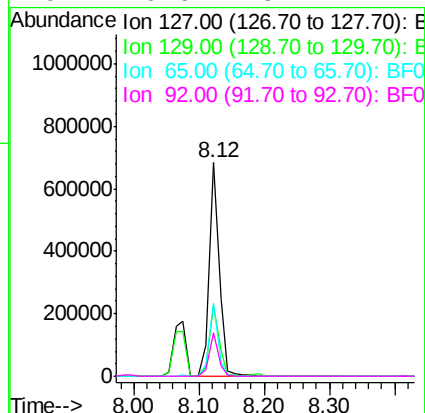
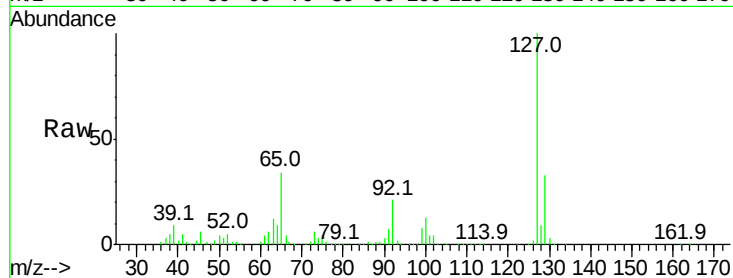




#33
4-Chloroaniline
Concen: 39.47 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

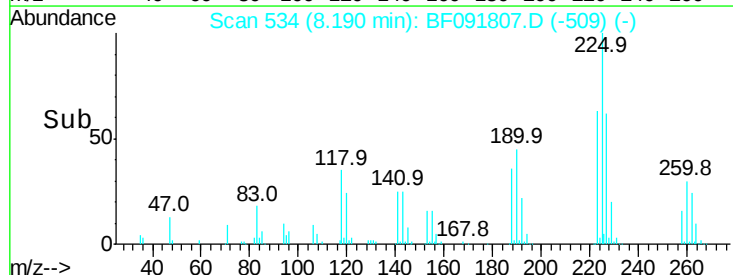
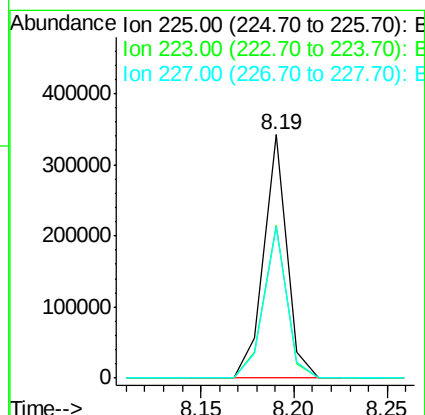
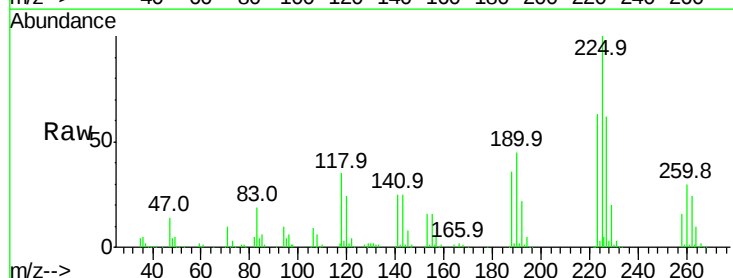
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

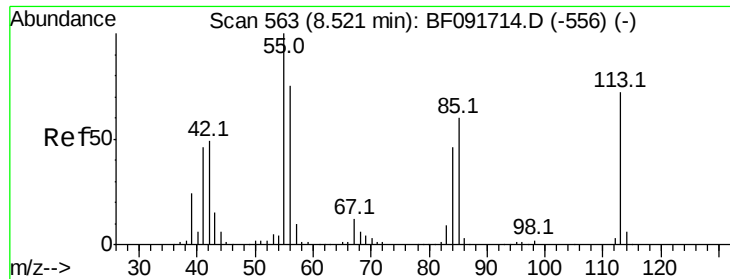
Tot Ion:	127	Resp:	734473
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	34.5	25.8	38.8
92	20.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.15 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:	225	Resp:	298172
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	62.0	50.6	76.0

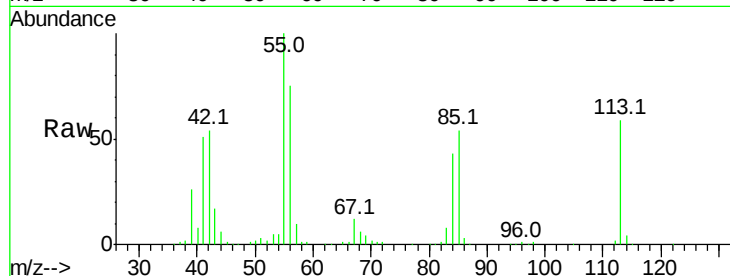




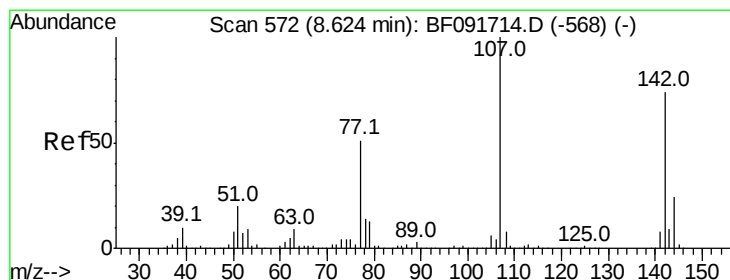
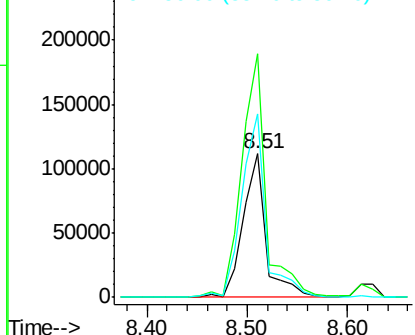
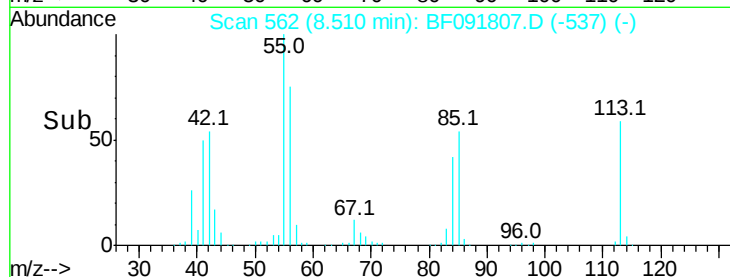
#35
 Caprolactam
 Concen: 43.85 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 176327
 Ion Ratio Lower Upper
 113 100
 55 169.8 119.2 159.2#
 56 128.1 83.8 123.8#

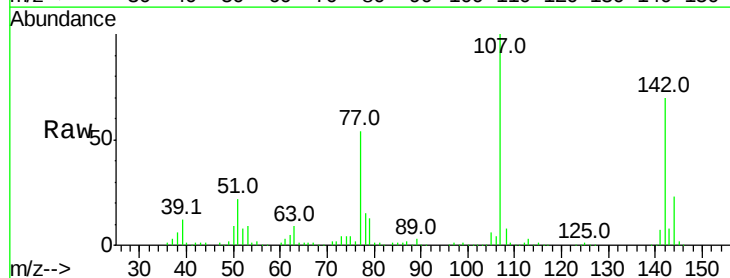


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

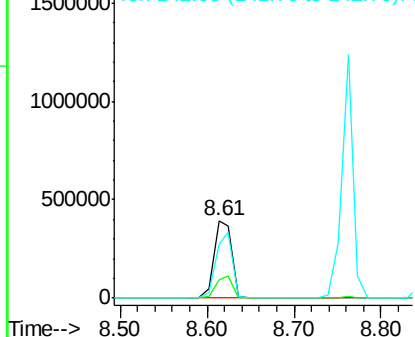
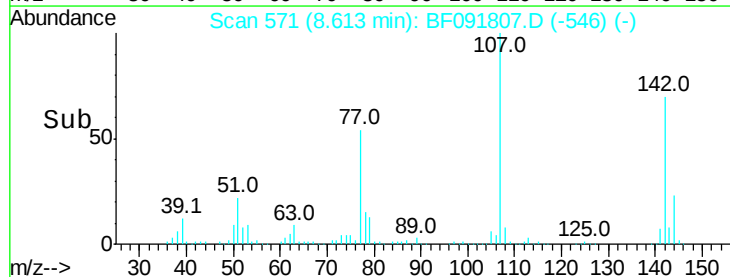


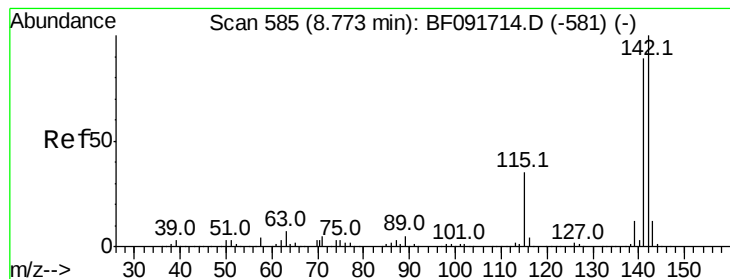
#36
 4-Chloro-3-methylphenol
 Concen: 40.95 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:107 Resp: 564579
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.3 28.9
 142 69.6 59.0 88.6



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





#37

2-Methylnaphthalene

Concen: 40.67 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

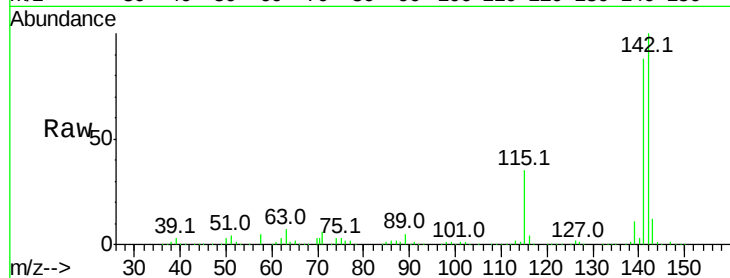
Tot Ion:142 Resp: 1132577

Ion Ratio Lower Upper

142 100

141 87.5 71.0 106.6

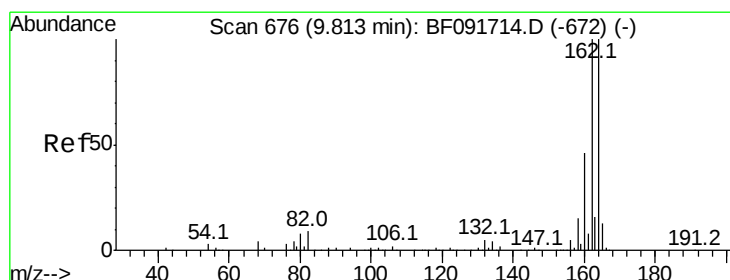
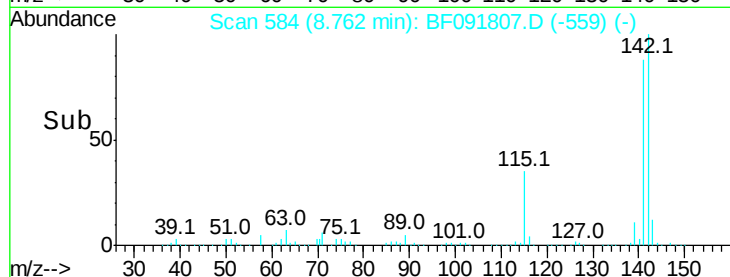
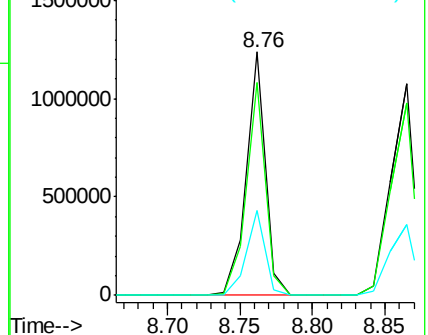
115 34.6 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

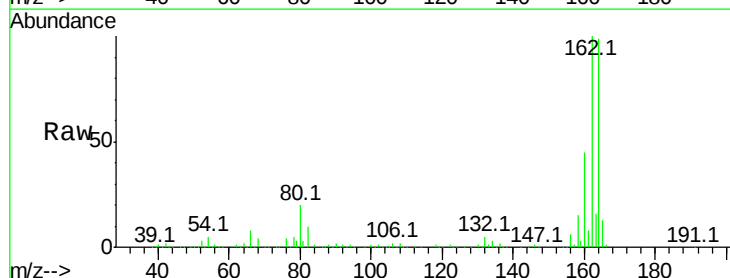
Tgt Ion:164 Resp: 493556

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

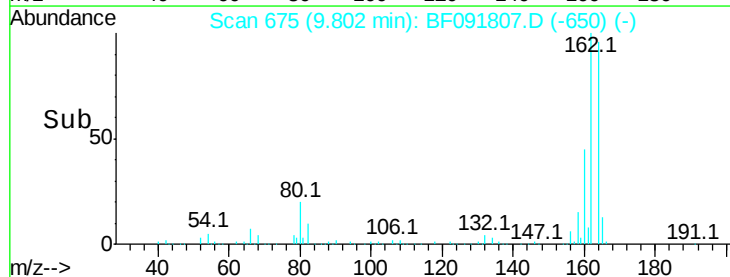
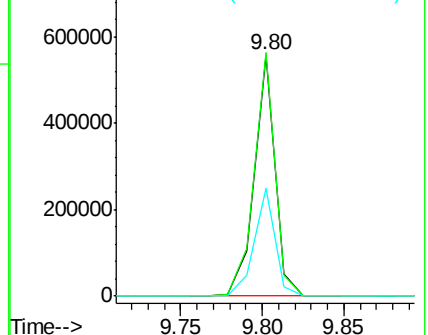
160 44.9 36.9 55.3

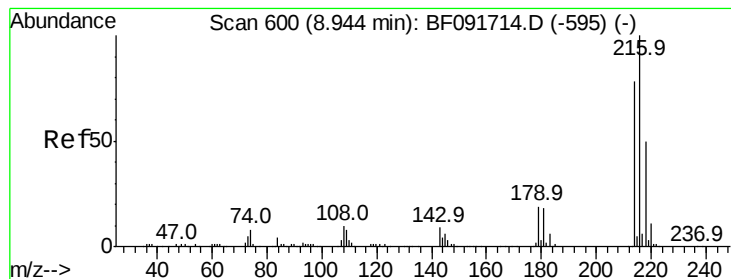


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.70 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 512985

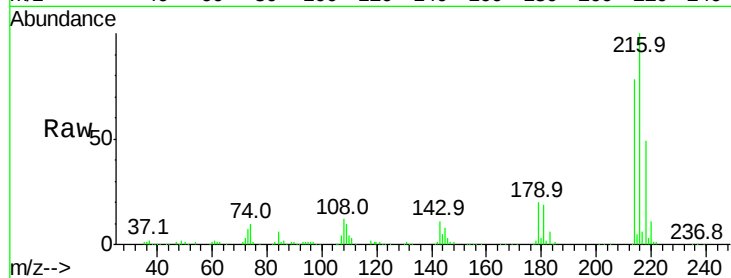
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 22.5 17.4 26.2

108 20.1 15.6 23.4

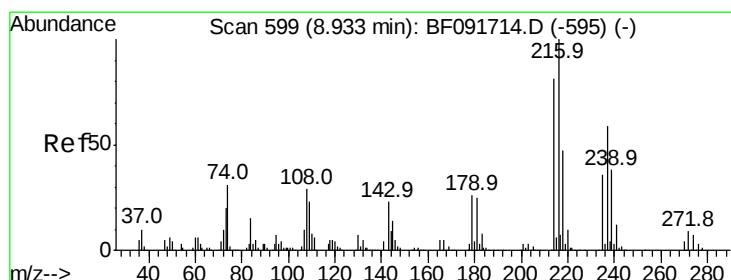
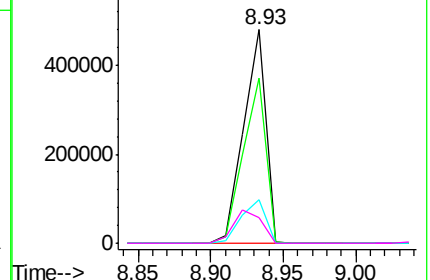
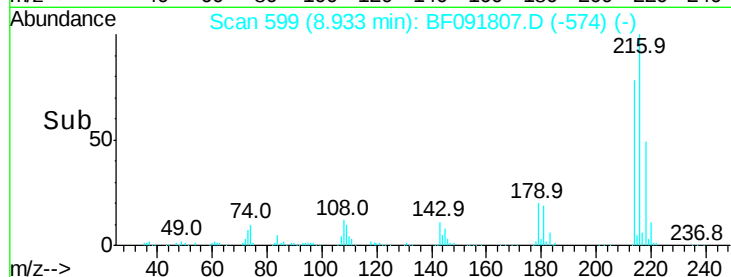


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.47 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

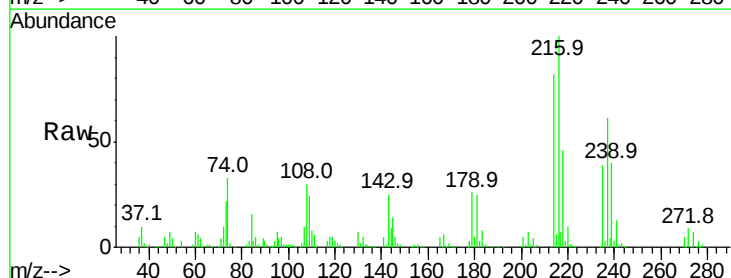
Tgt Ion:237 Resp: 195373

Ion Ratio Lower Upper

237 100

235 63.4 41.2 81.2

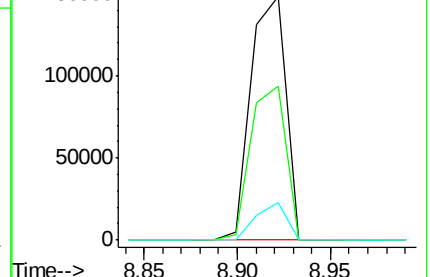
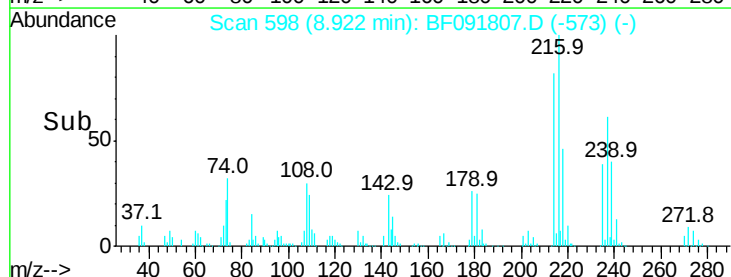
272 15.5 0.0 35.4

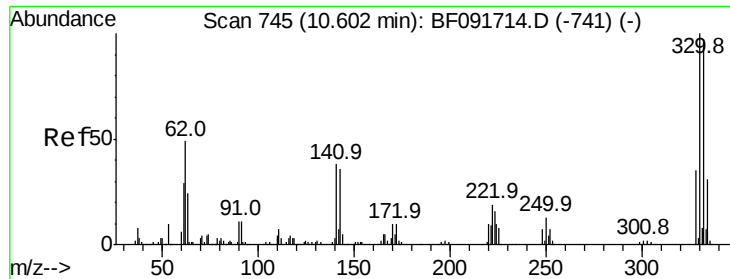


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

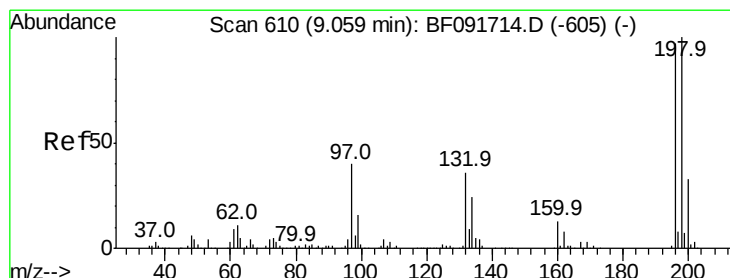
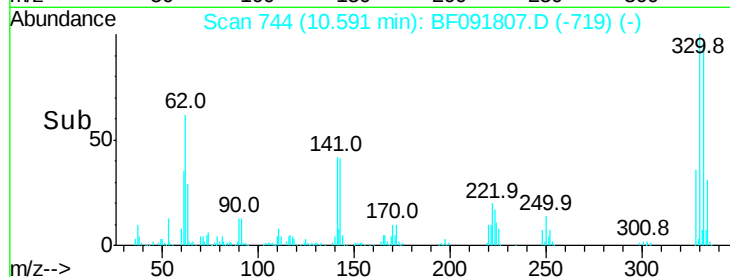
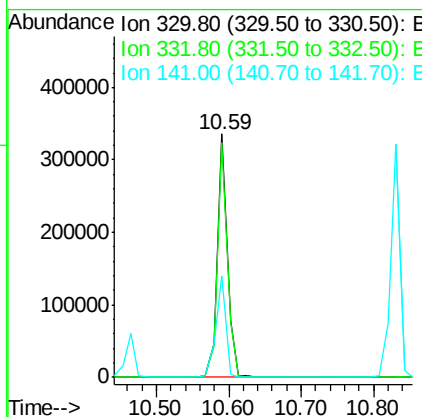
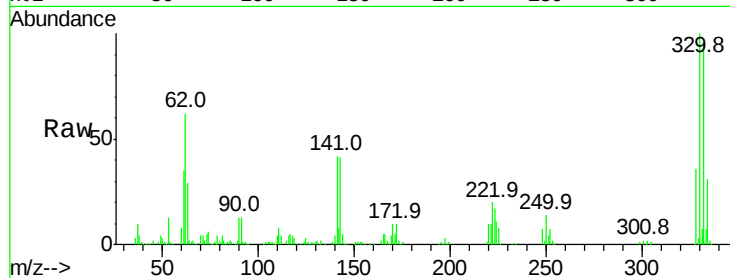




#41
 2,4,6-Tribromophenol
 Concen: 77.37 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

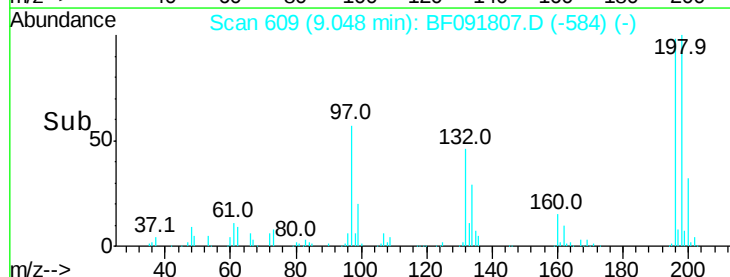
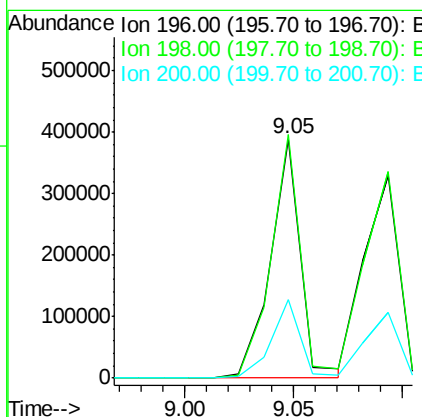
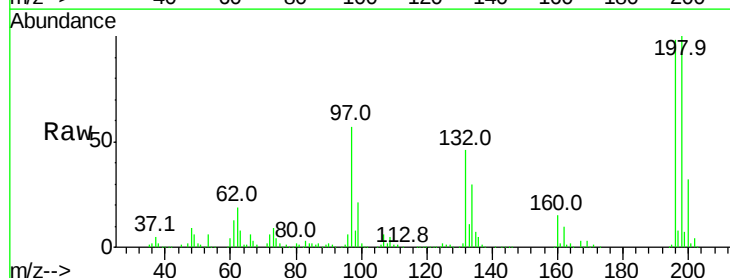
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

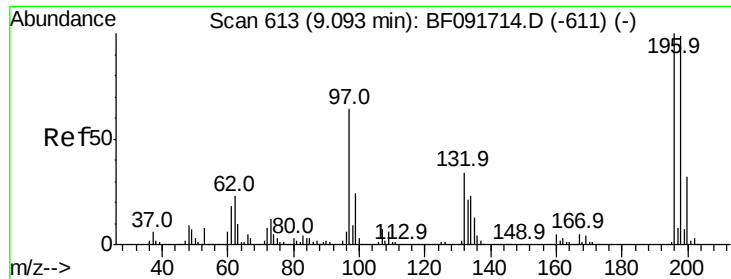
Tot Ion:330 Resp: 323802
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 41.0 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 42.78 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:196 Resp: 376009
 Ion Ratio Lower Upper
 196 100
 198 101.8 82.1 123.1
 200 32.6 27.0 40.4

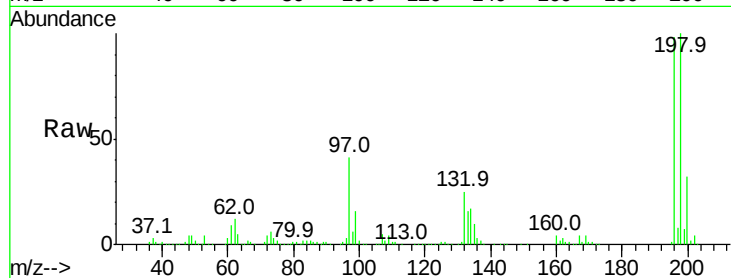




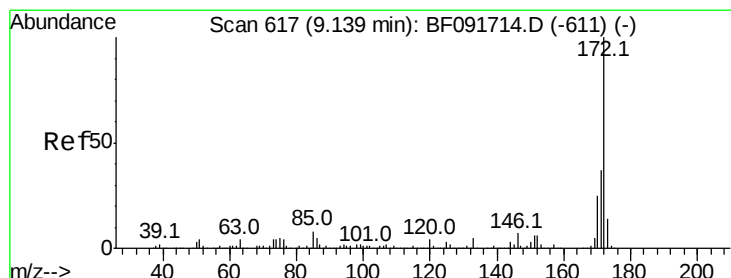
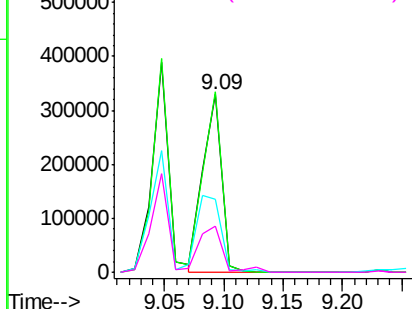
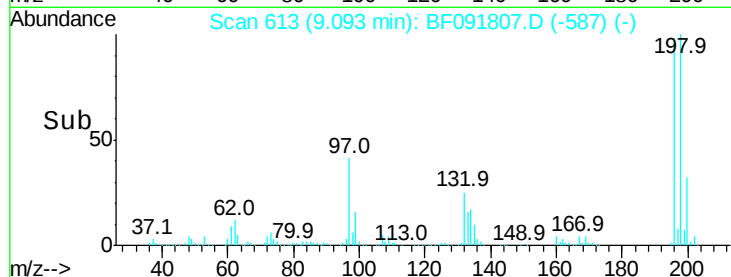
#43
 2,4,5-Trichlorophenol
 Concen: 42.65 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 368329
 Ion Ratio Lower Upper
 196 100
 198 102.1 79.4 119.2
 97 41.4 51.5 77.3#
 132 25.9 27.4 41.2#

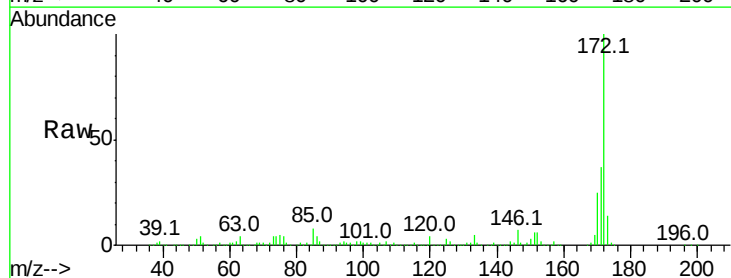


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

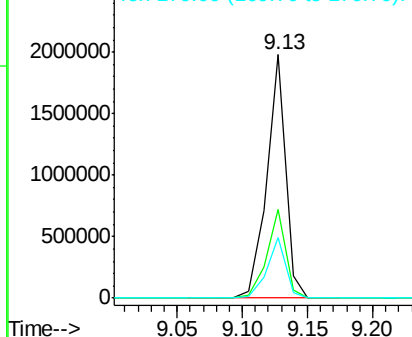
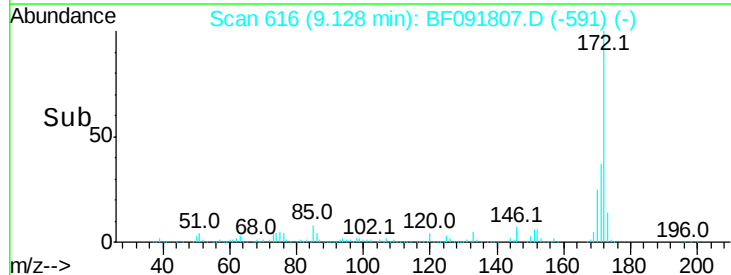


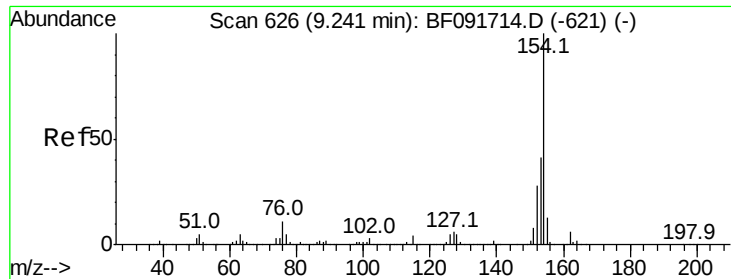
#44
 2-Fluorobiphenyl
 Concen: 82.05 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:172 Resp: 2015653
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 20.2 30.4



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

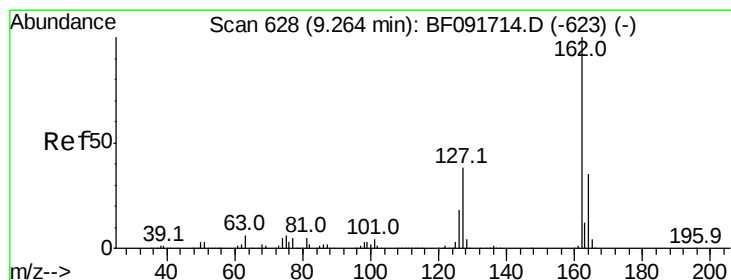
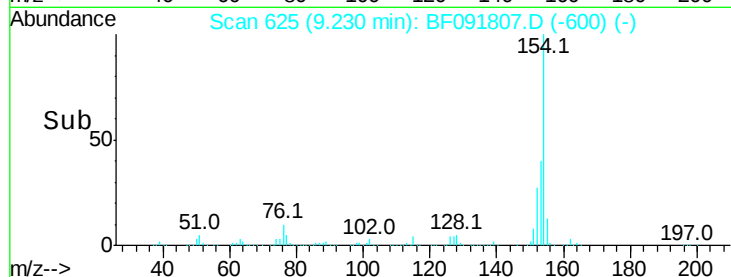
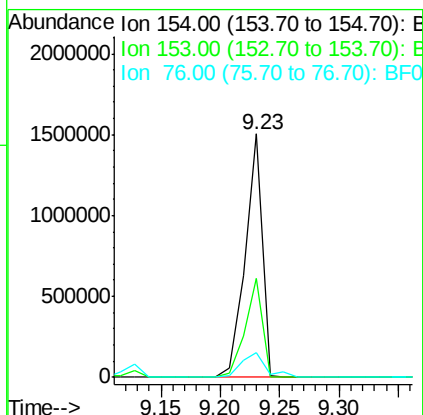
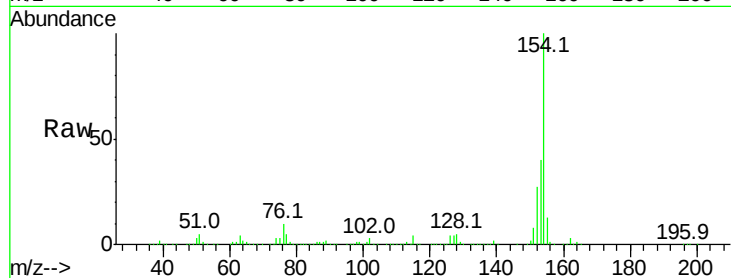




#45
 1,1'-Biphenyl
 Concen: 42.75 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

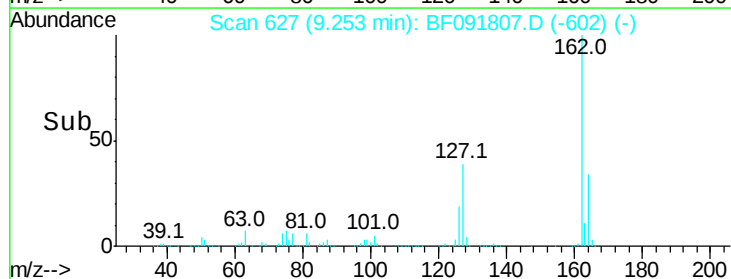
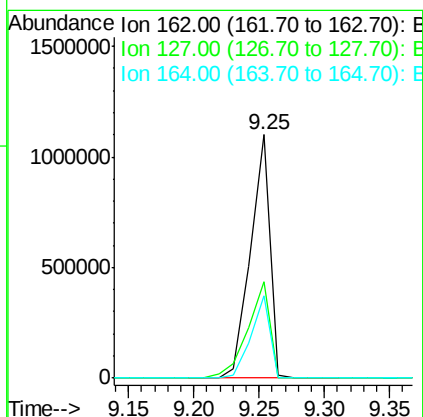
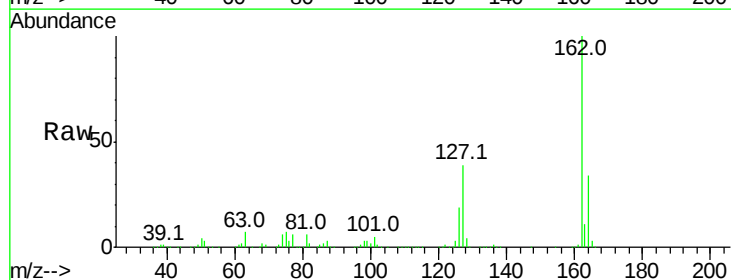
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

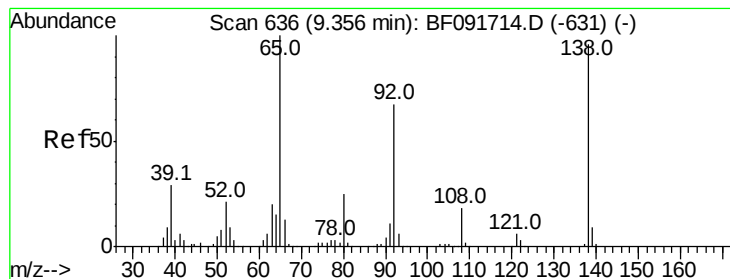
Tot Ion:154 Resp: 1512268
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.9 60.9
 76 10.4 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 43.24 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:162 Resp: 1143033
 Ion Ratio Lower Upper
 162 100
 127 39.5 30.7 46.1
 164 33.7 27.6 41.4

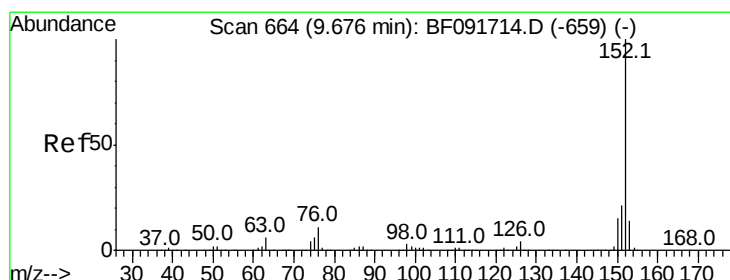
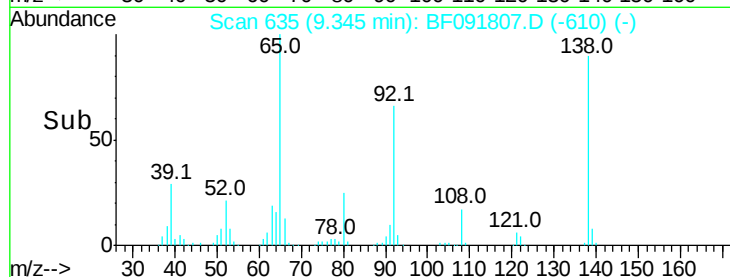
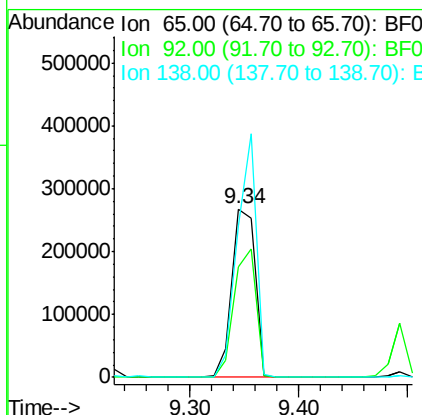
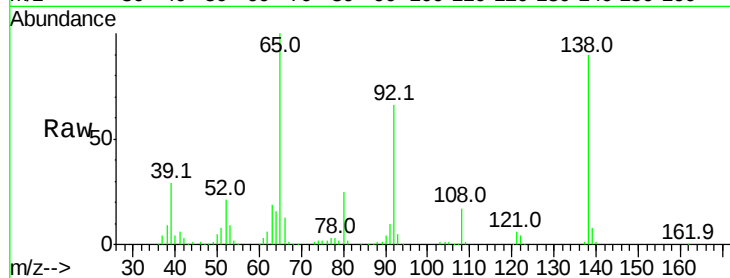




#47
 2-Nitroaniline
 Concen: 43.67 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

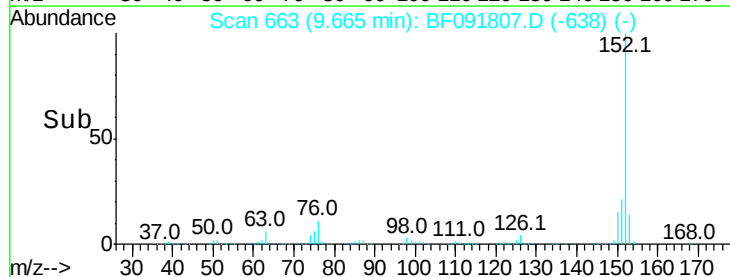
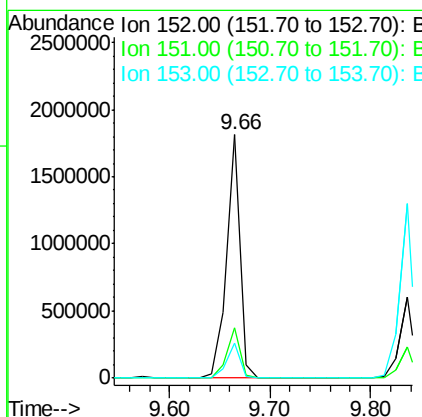
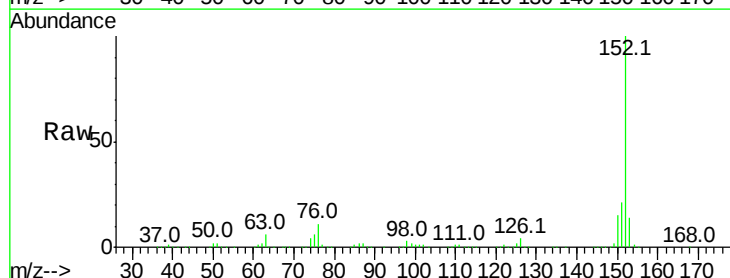
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

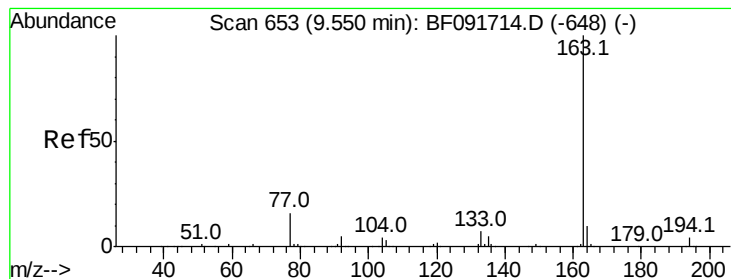
Tot Ion: 65 Resp: 394186
 Ion Ratio Lower Upper
 65 100
 92 65.8 53.9 80.9
 138 90.1 76.8 115.2



#48
 Acenaphthylene
 Concen: 40.90 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion: 152 Resp: 1675313
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.9 25.3
 153 14.3 11.4 17.2





#49

Dimethylphthalate

Concen: 42.18 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

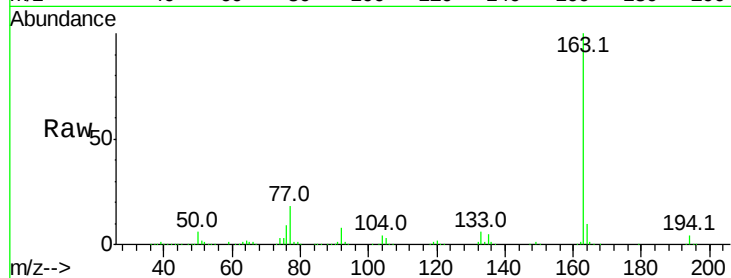
Tot Ion:163 Resp: 1359701

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

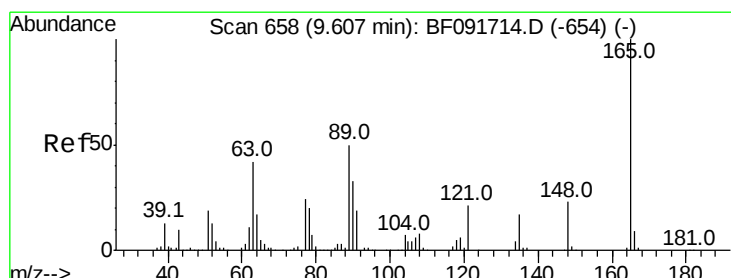
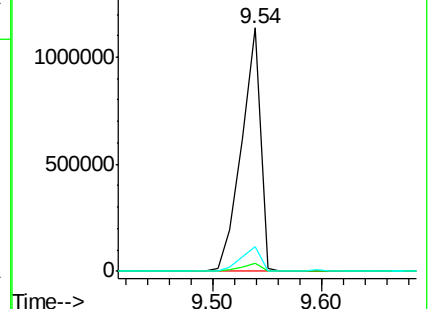
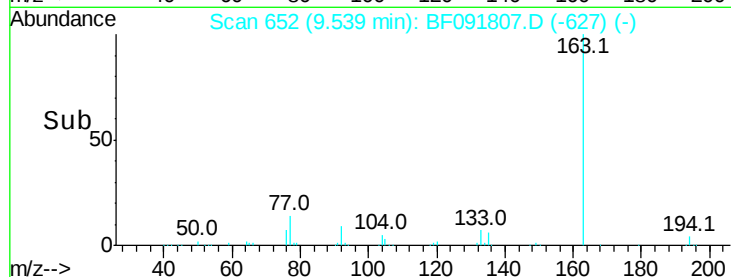
164 9.9 8.0 12.0



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: 44.24 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

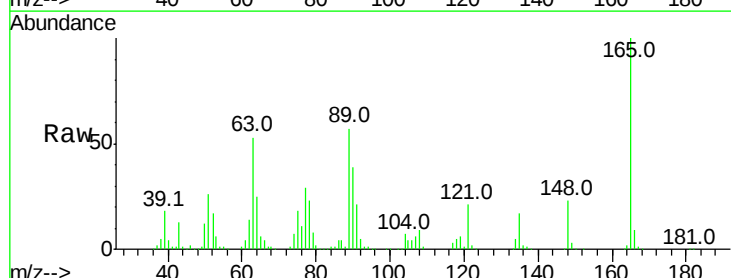
Tgt Ion:165 Resp: 312756

Ion Ratio Lower Upper

165 100

63 53.5 36.2 54.4

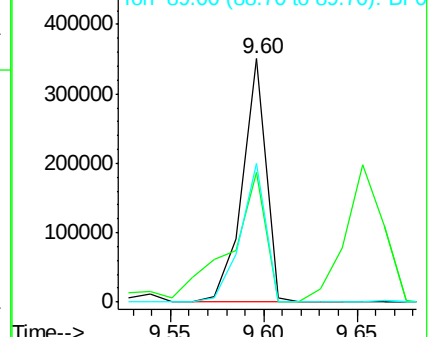
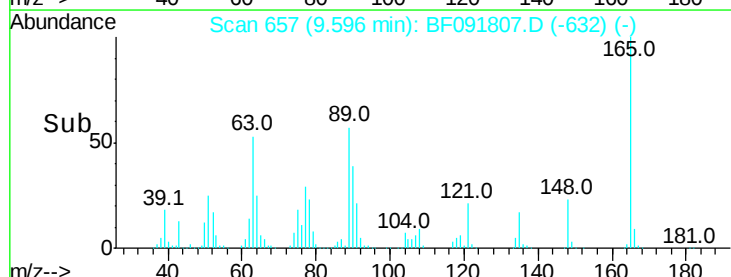
89 56.8 40.2 60.4

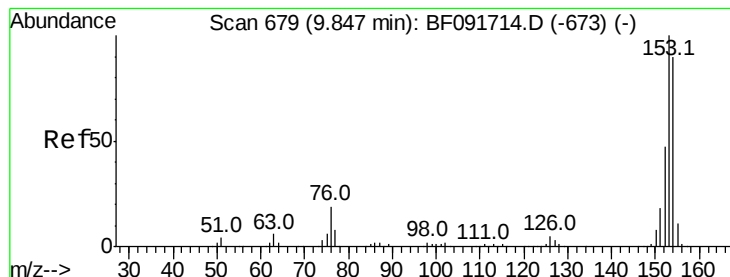


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.65 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

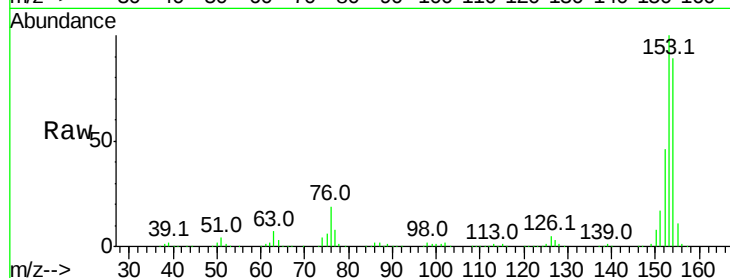
Tot Ion:154 Resp: 1058368

Ion Ratio Lower Upper

154 100

153 112.5 88.6 133.0

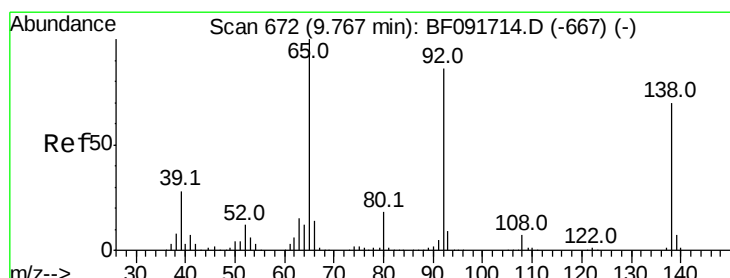
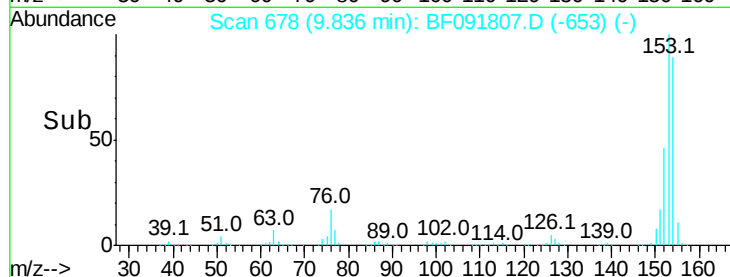
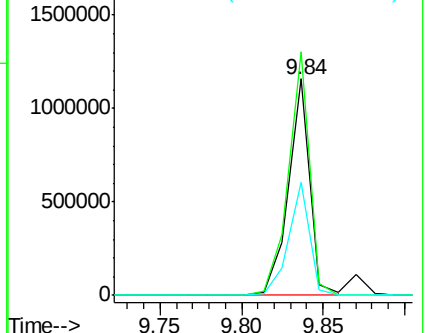
152 52.3 41.6 62.4



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: 46.14 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

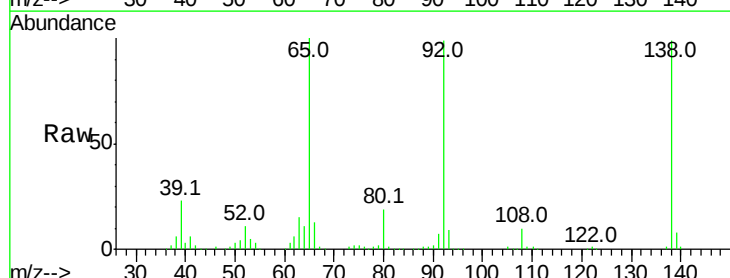
Tgt Ion:138 Resp: 406079

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

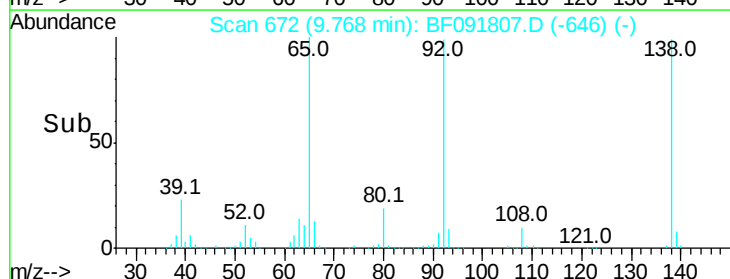
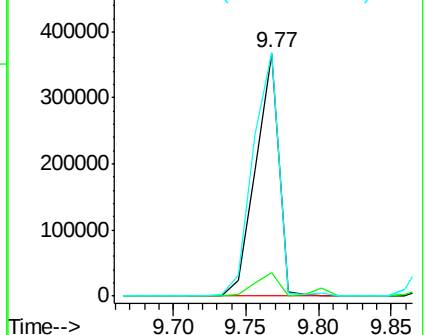
92 100.5 97.8 146.8

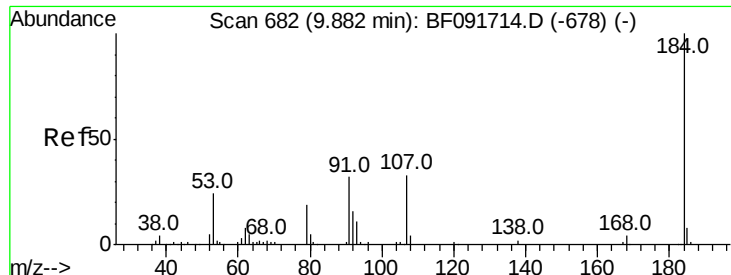


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

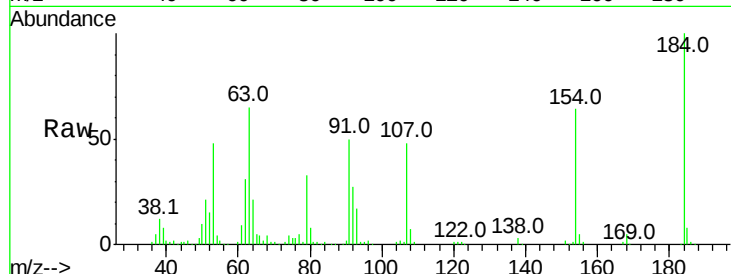




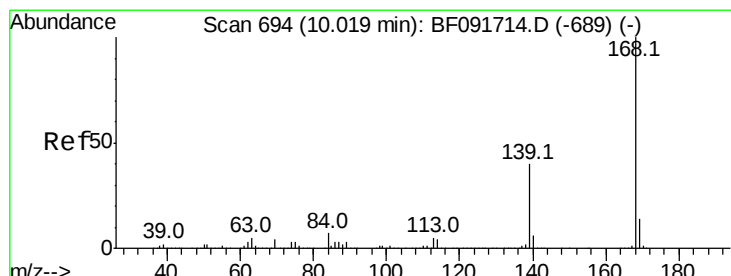
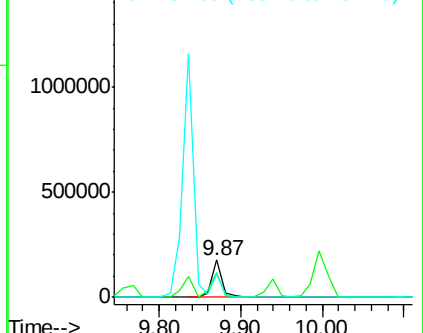
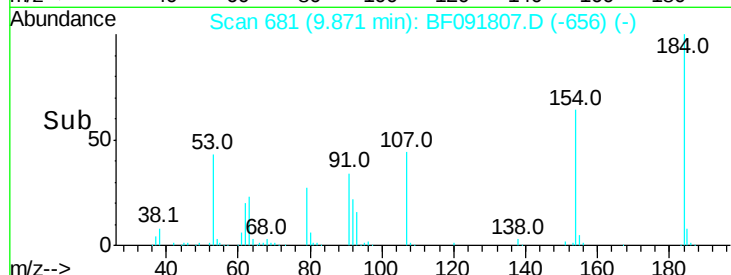
#53
 2,4-Dinitrophenol
 Concen: 44.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 168004
 Ion Ratio Lower Upper
 184 100
 63 65.4 28.4 42.6#
 154 63.5 44.3 66.5

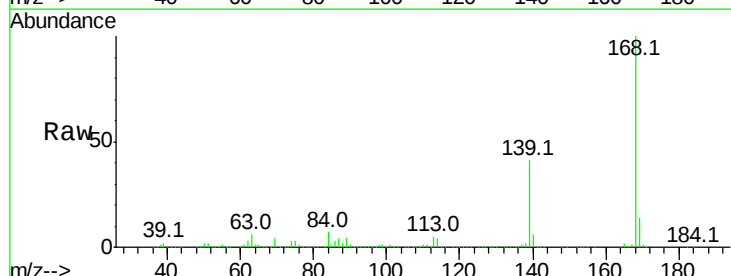


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

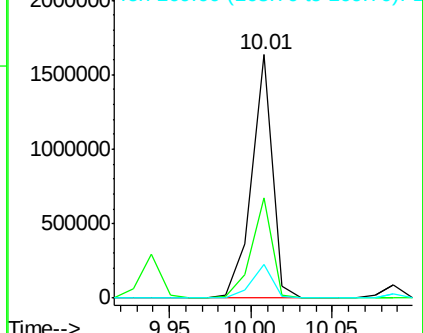
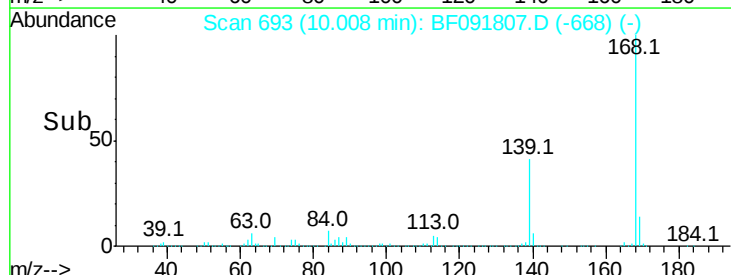


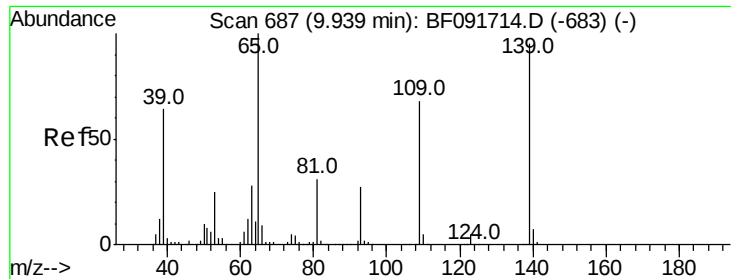
#54
 Dibenzofuran
 Concen: 43.04 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:168 Resp: 1438669
 Ion Ratio Lower Upper
 168 100
 139 41.2 32.6 49.0
 169 14.1 11.3 16.9



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

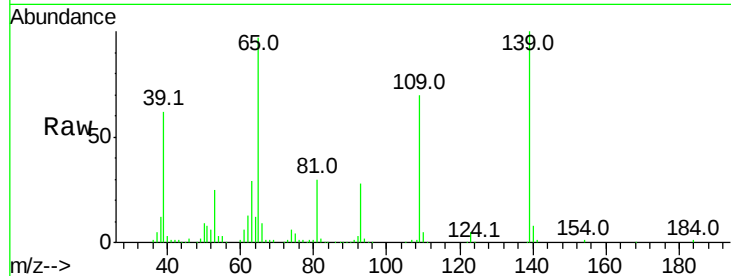




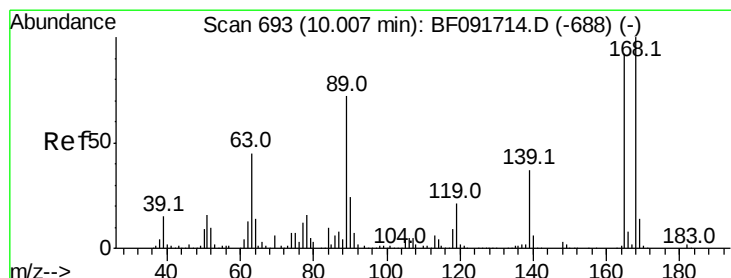
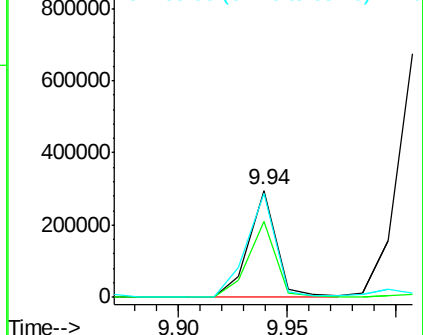
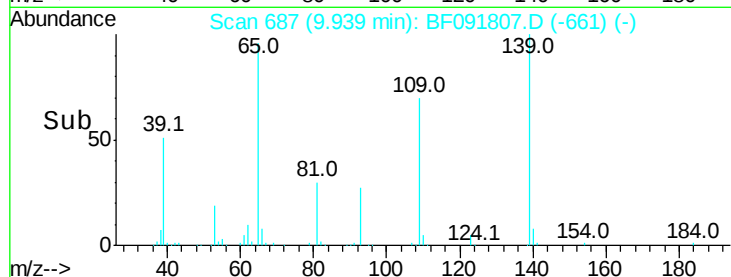
#55
4-Nitrophenol
Concen: 43.71 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 267165
Ion Ratio Lower Upper
139 100
109 70.5 52.2 92.2
65 97.3 85.8 125.8

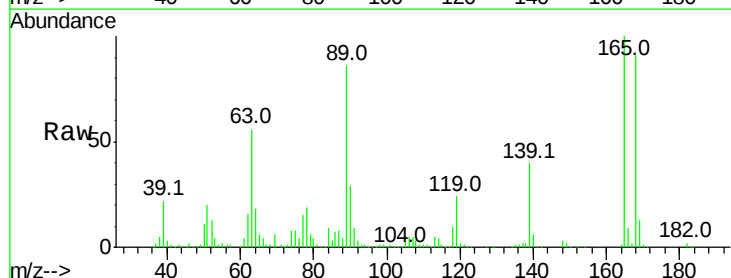


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

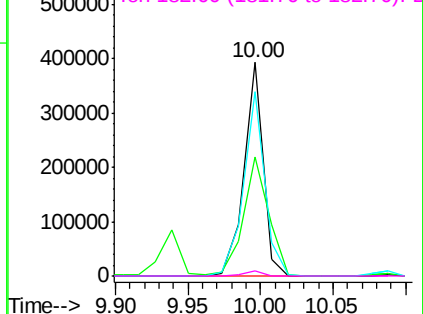
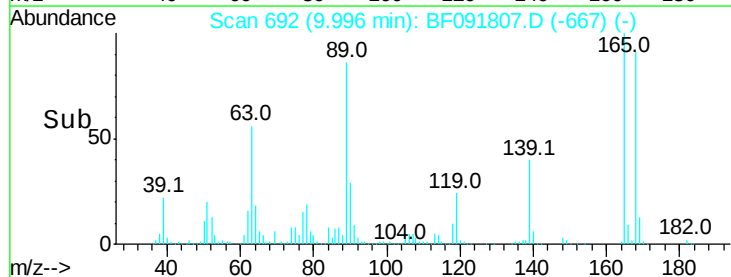


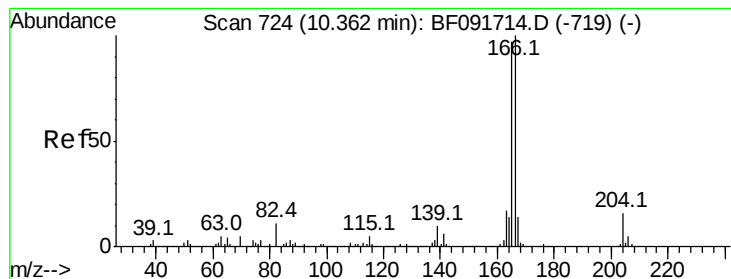
#56
2,4-Dinitrotoluene
Concen: 40.81 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:165 Resp: 360318
Ion Ratio Lower Upper
165 100
63 55.9 40.2 60.4
89 86.3 62.5 93.7
182 2.2 1.8 2.8



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: 46.31 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

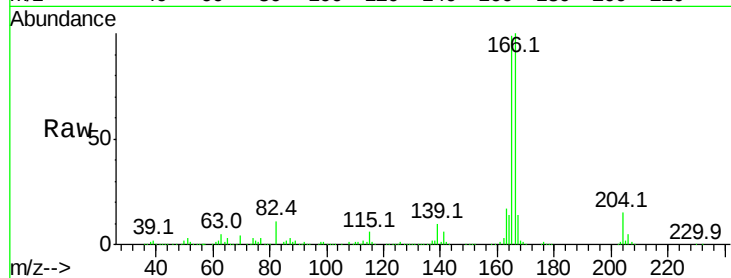
Tot Ion:166 Resp: 1202551

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

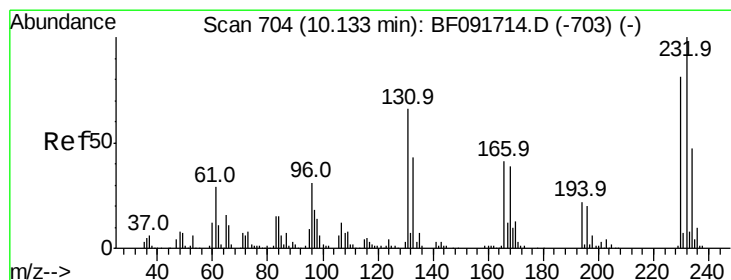
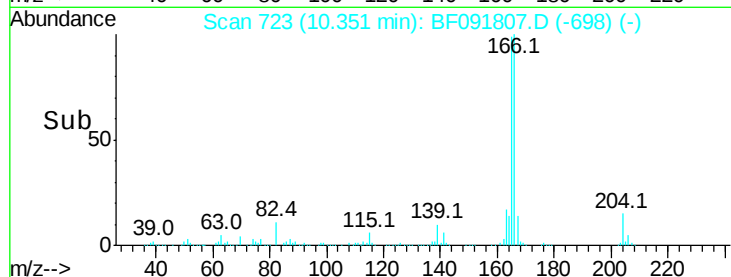
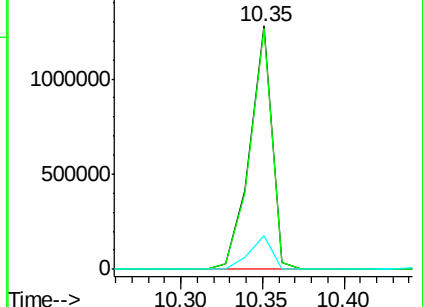
167 13.8 10.8 16.2



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: 43.32 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Tgt Ion:232 Resp: 309283

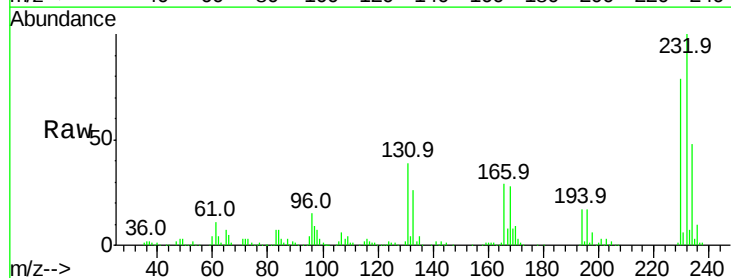
Ion Ratio Lower Upper

232 100

131 47.7 40.1 60.1

130 2.3 1.8 2.8

166 31.5 26.6 39.8

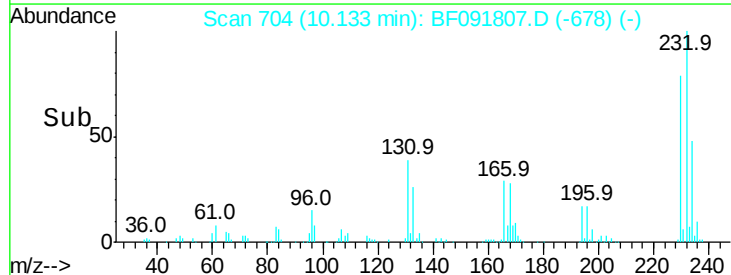
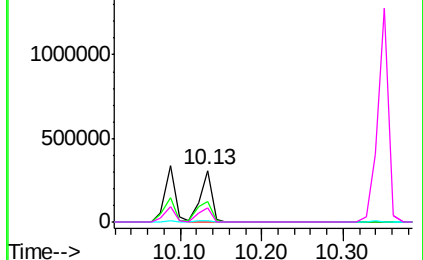


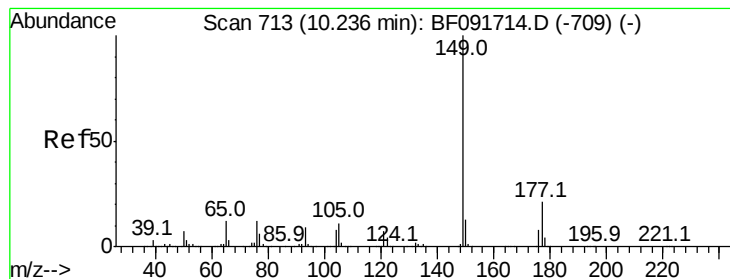
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.66 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

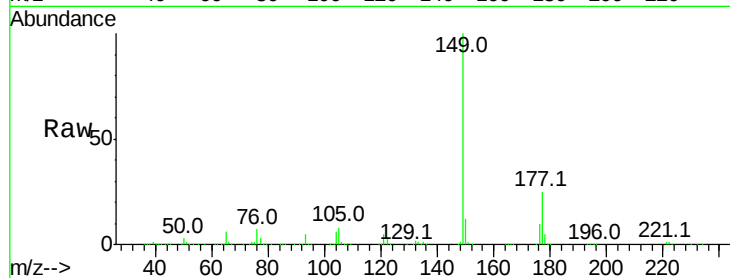
Tot Ion:149 Resp: 1256936

Ion Ratio Lower Upper

149 100

177 24.9 16.6 25.0

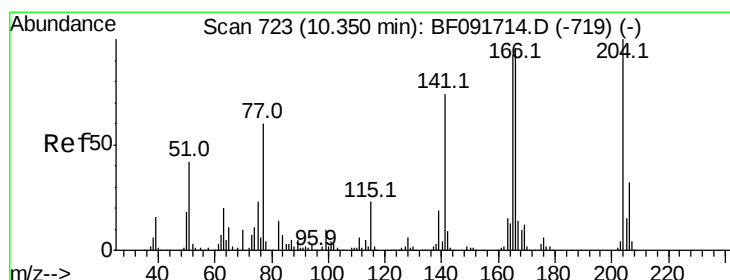
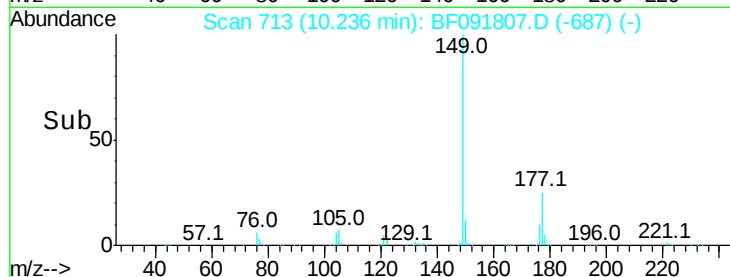
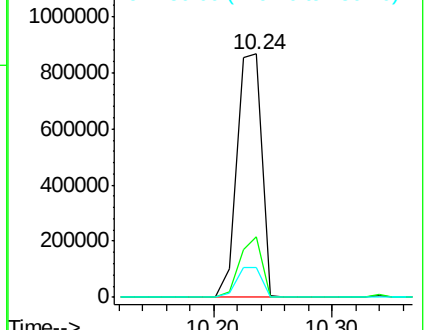
150 12.1 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.69 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

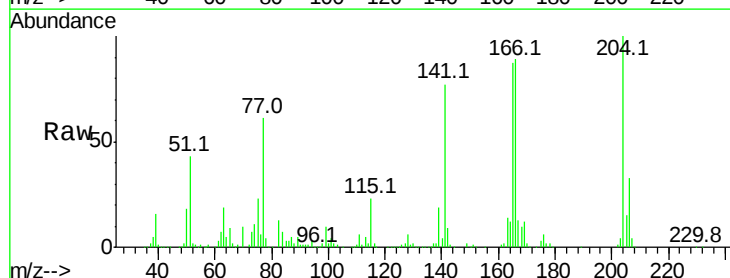
Tgt Ion:204 Resp: 469452

Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

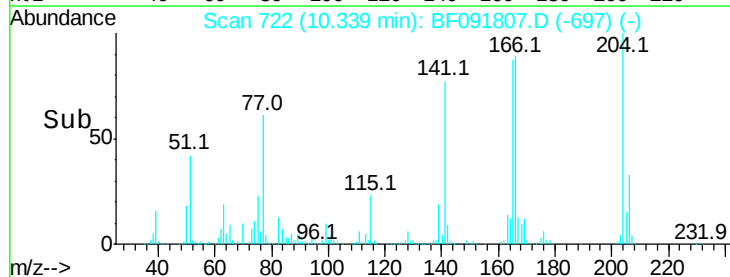
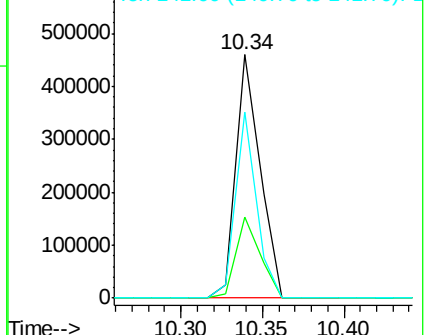
141 76.6 59.4 89.0

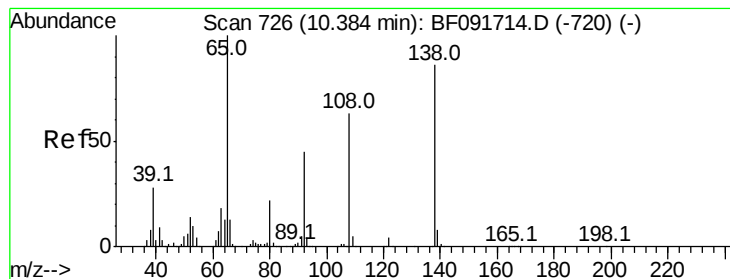


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.54 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

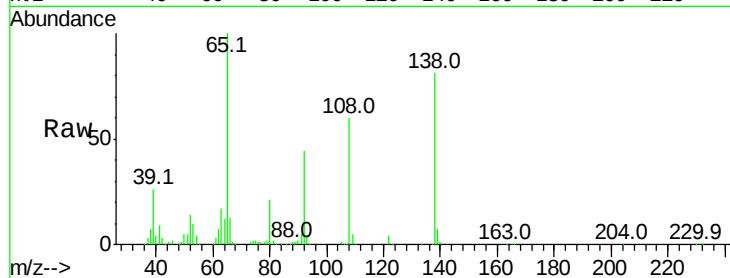
Tot Ion:138 Resp: 363085

Ion Ratio Lower Upper

138 100

92 54.0 31.7 71.7

108 73.4 52.6 92.6

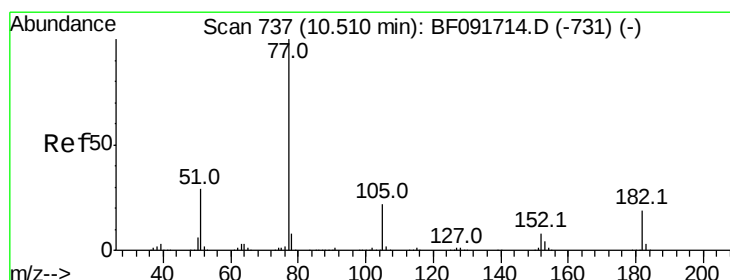
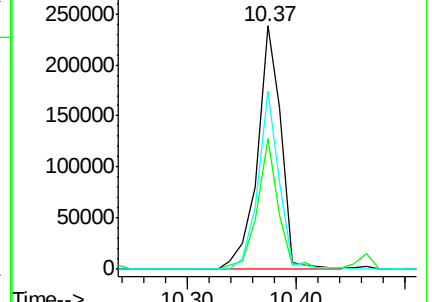
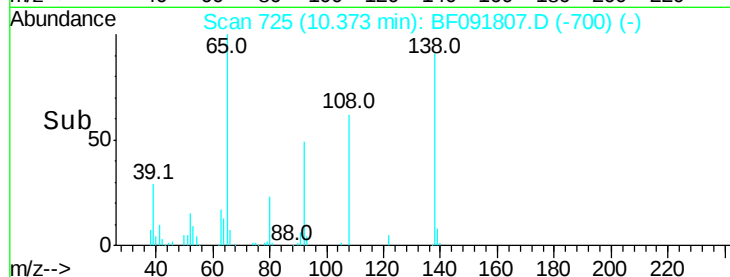


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



#62

Azobenzene

Concen: 39.04 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Tgt Ion: 77 Resp: 1316400

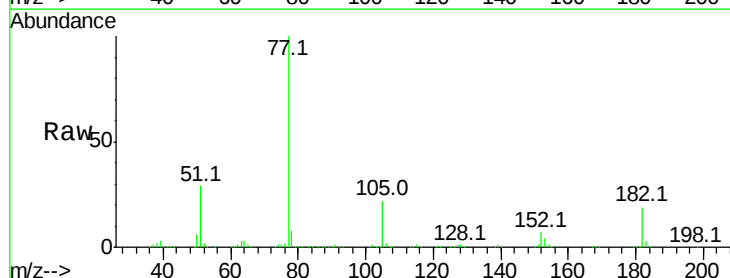
Ion Ratio Lower Upper

77 100

182 18.8 0.0 39.3

105 22.1 2.3 42.3

51 28.9 8.9 48.9



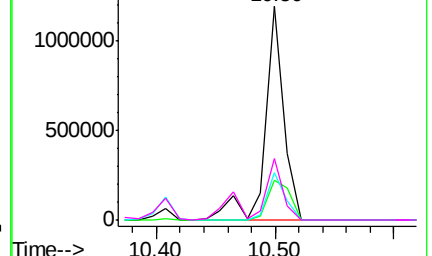
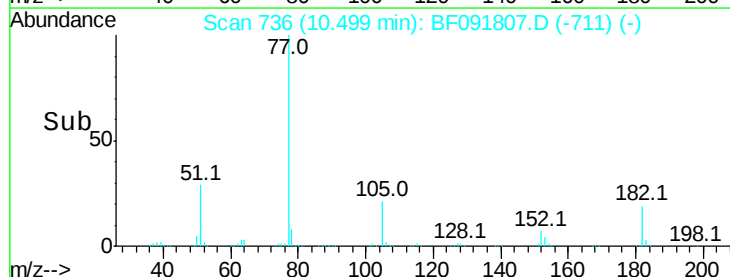
Abundance Ion 77.00 (76.70 to 77.70): BF0

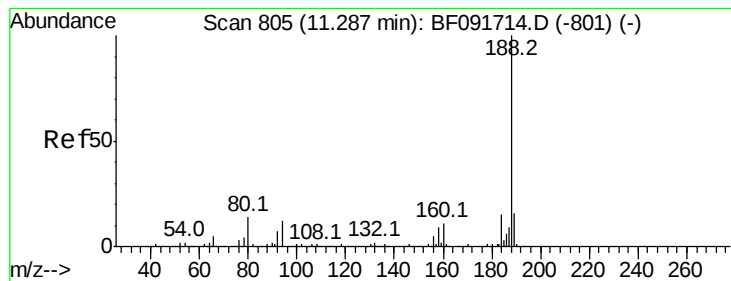
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

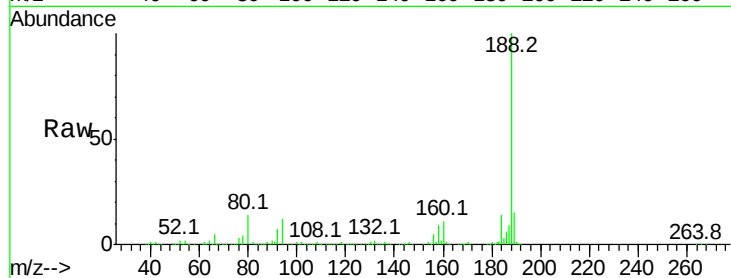
Tot Ion:188 Resp: 817486

Ion Ratio Lower Upper

188 100

94 12.4 10.0 15.0

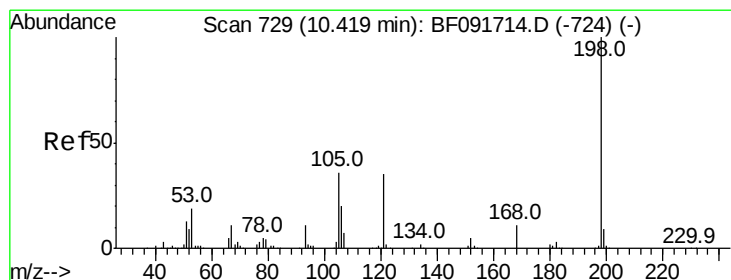
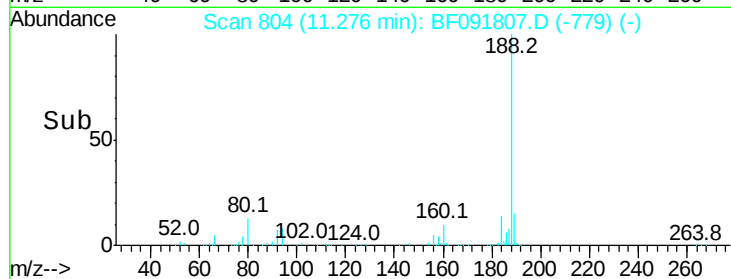
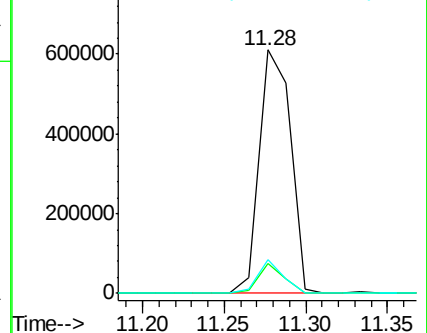
80 13.6 11.2 16.8



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: 42.05 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

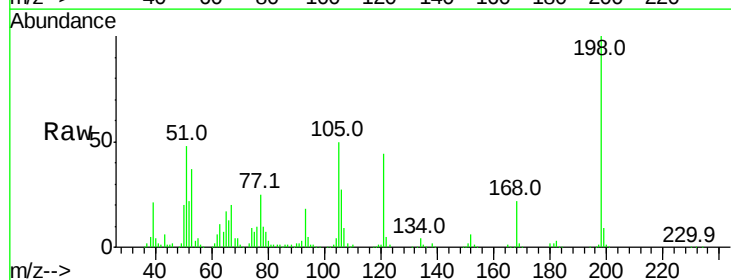
Tgt Ion:198 Resp: 226745

Ion Ratio Lower Upper

198 100

51 47.6 6.7 46.7#

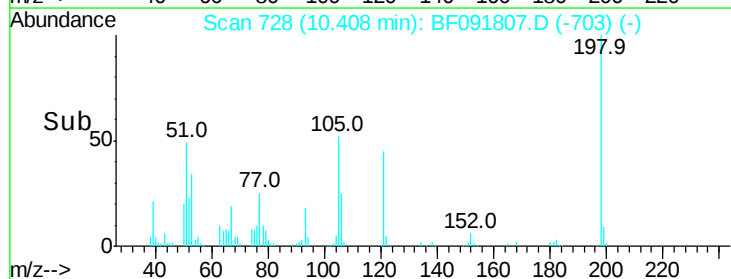
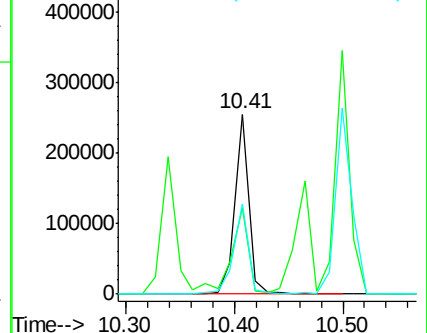
105 49.9 16.6 56.6

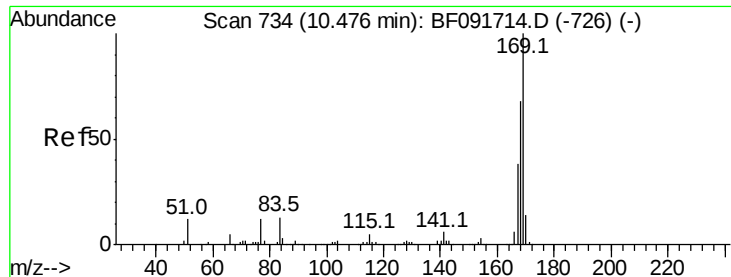


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.41 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

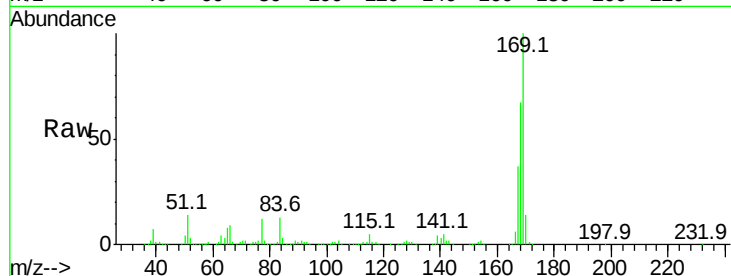
Tot Ion:169 Resp: 1025878

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

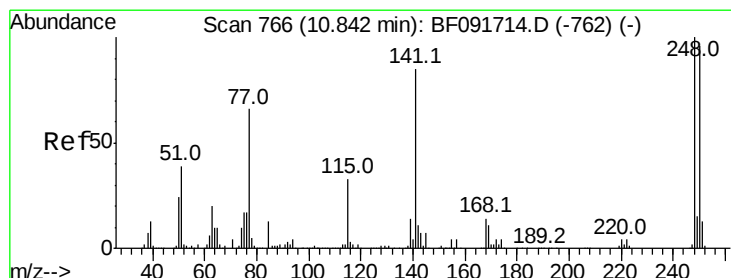
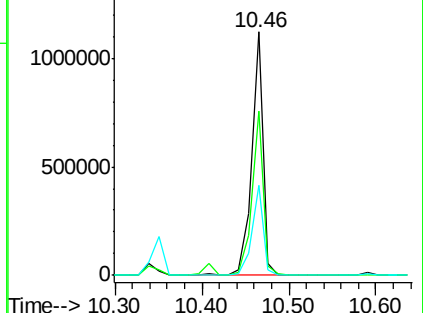
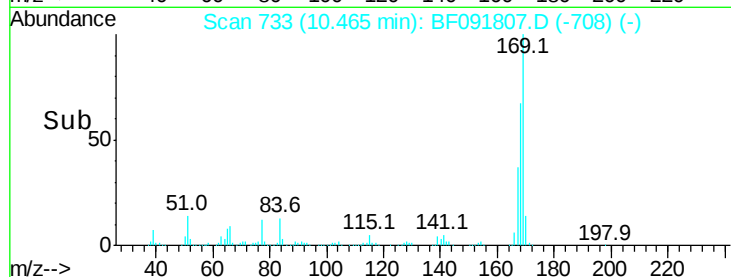
167 37.1 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.85 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

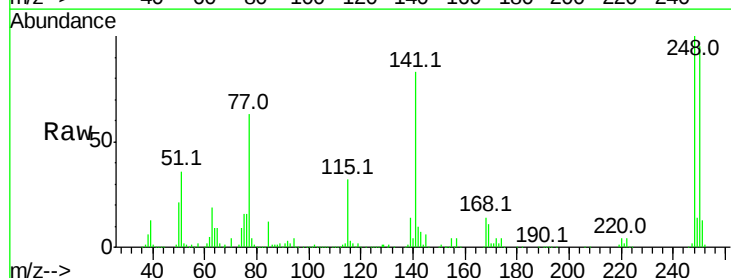
Tgt Ion:248 Resp: 333001

Ion Ratio Lower Upper

248 100

250 94.8 76.9 115.3

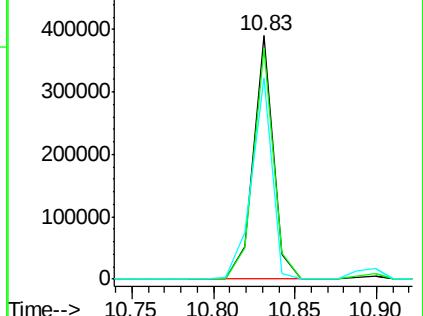
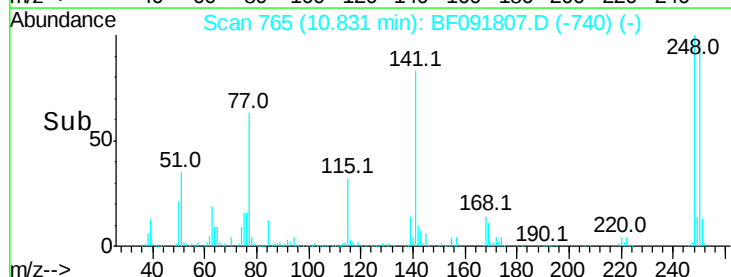
141 82.5 68.2 102.4

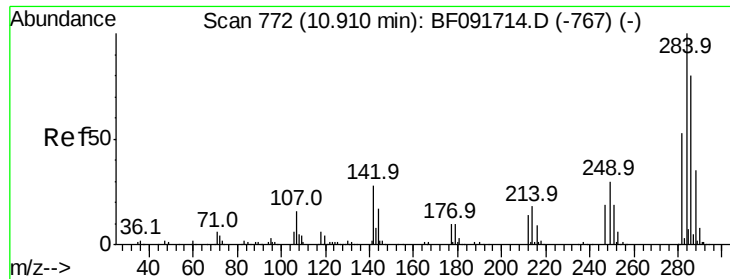


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

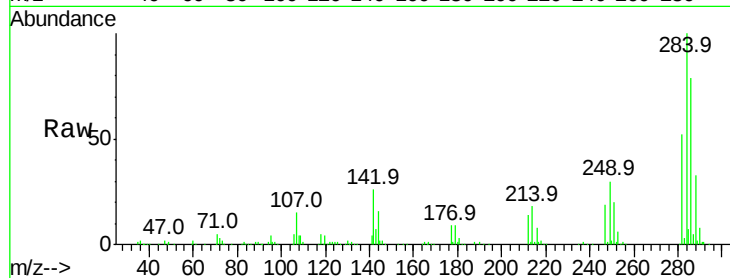




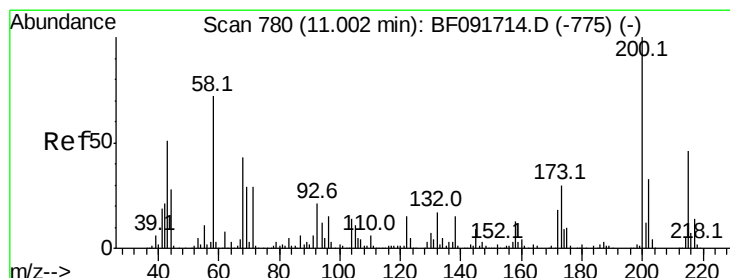
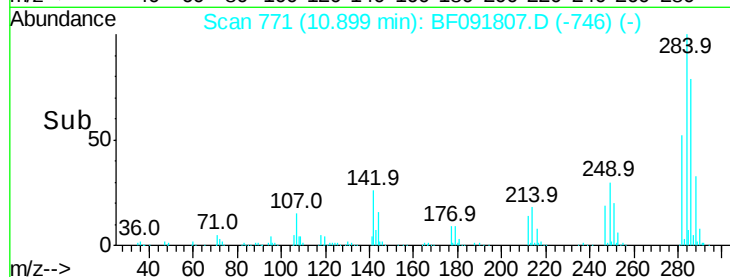
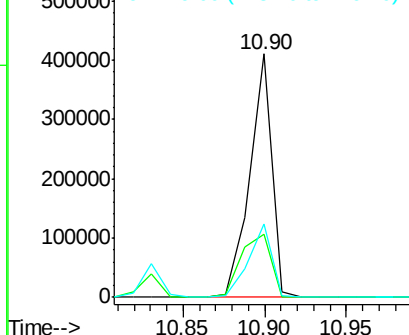
#67
Hexachlorobenzene
Concen: 42.73 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.1	22.6	33.8
249	30.0	25.4	38.0

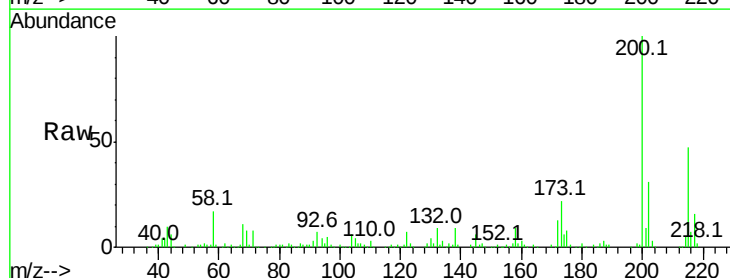


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

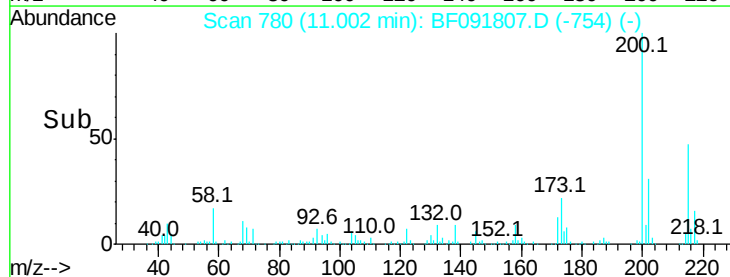
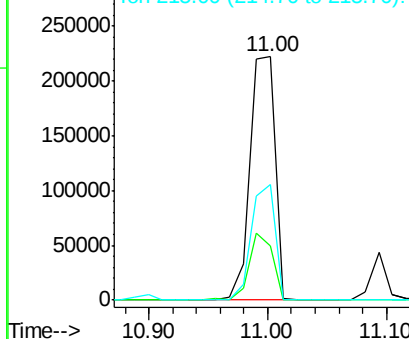


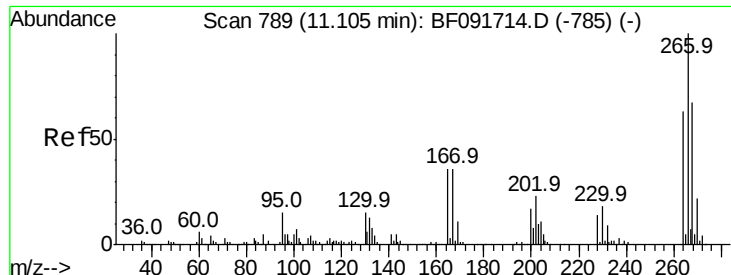
#68
Atrazine
Concen: 42.91 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.2	9.6	49.6
215	47.5	25.7	65.7



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

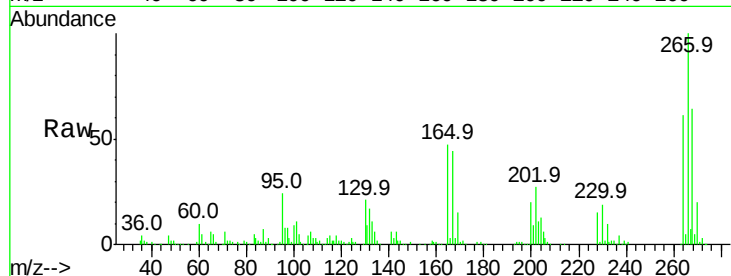




#69
 Pentachlorophenol
 Concen: 42.24 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	53.3	79.9
264	61.1	50.3	75.5

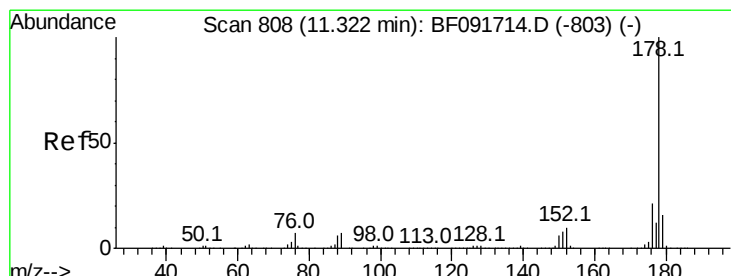
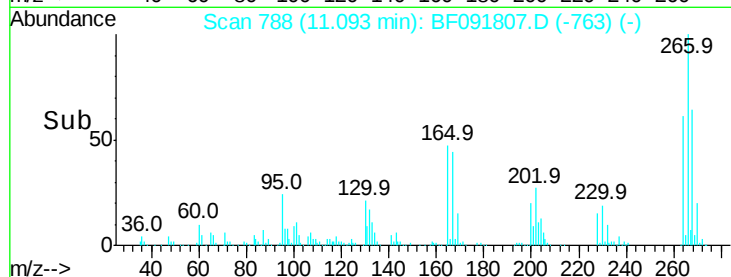
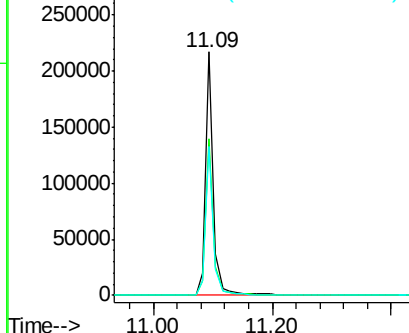


Abundance

Ion 265.70 (265.40 to 266.40): E

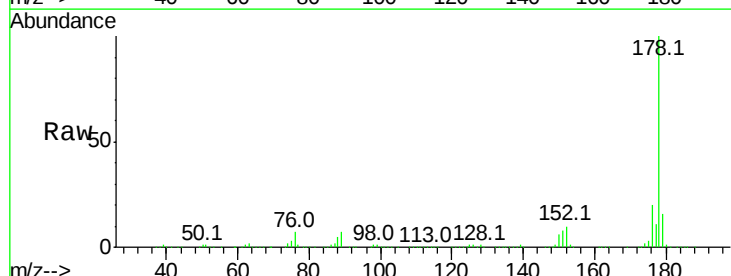
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 45.62 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.7	12.8	19.2

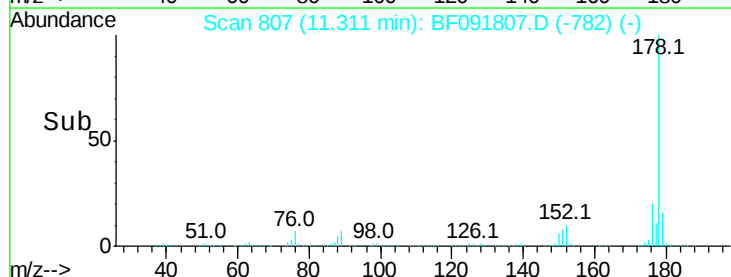
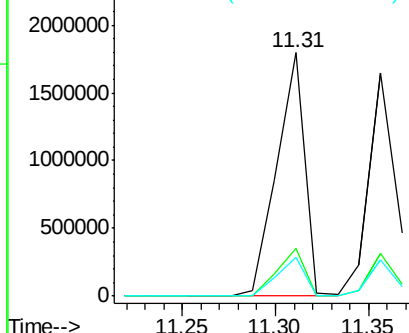


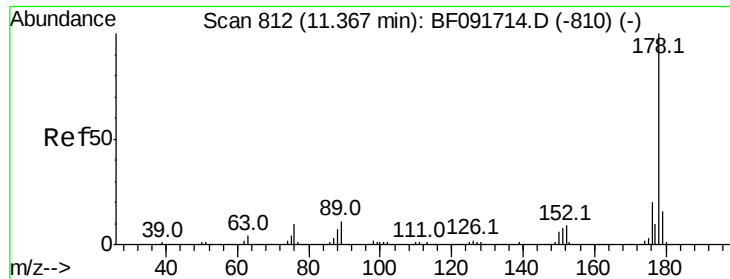
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

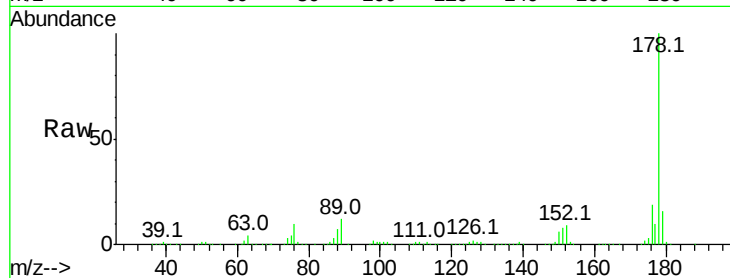




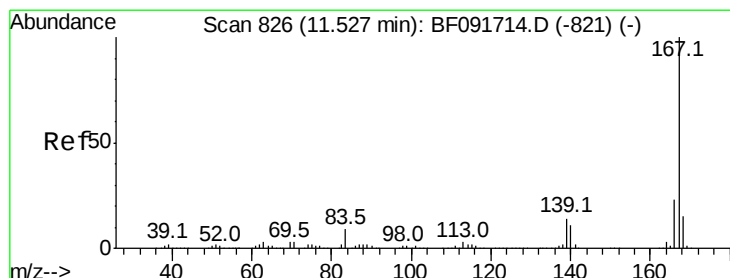
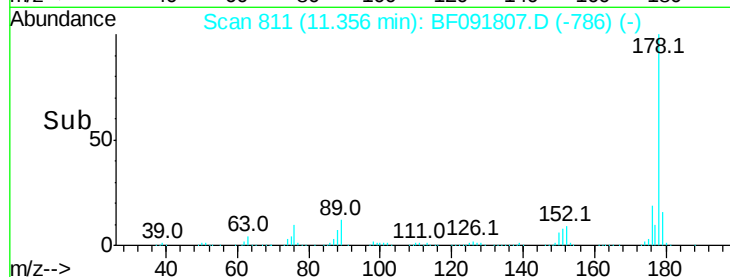
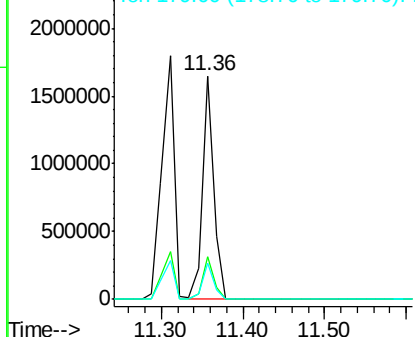
#71
 Anthracene
 Concen: 37.52 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1623346
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 16.1 13.2 19.8

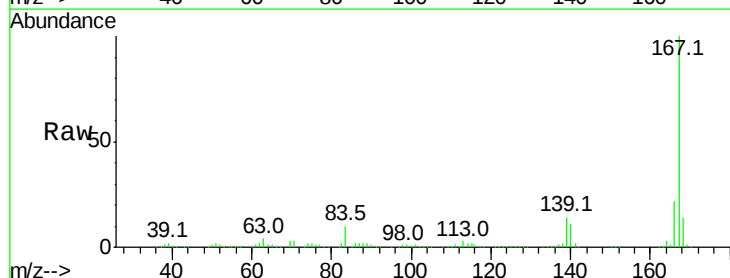


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

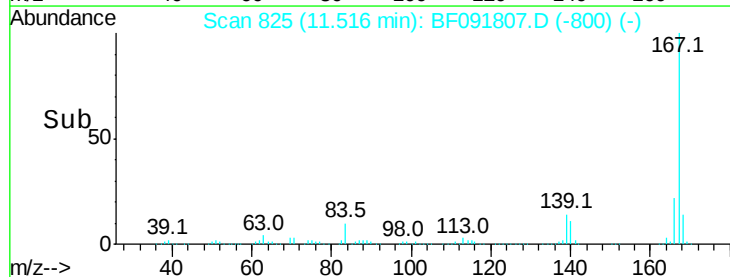
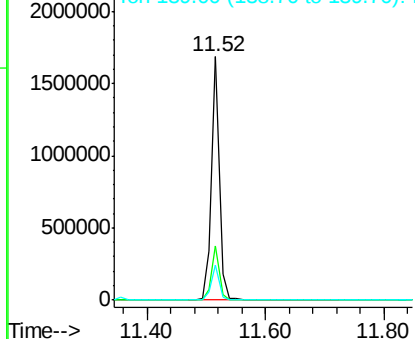


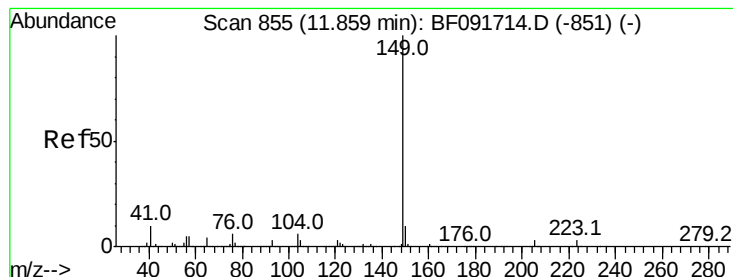
#72
 Carbazole
 Concen: 41.56 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:167 Resp: 1572516
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 14.2 11.4 17.2



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: 37.56 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

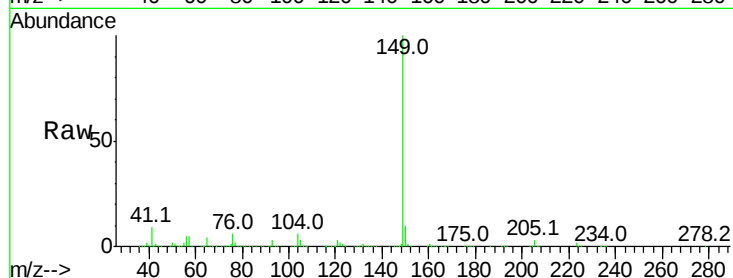
Tot Ion:149 Resp: 1822067

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

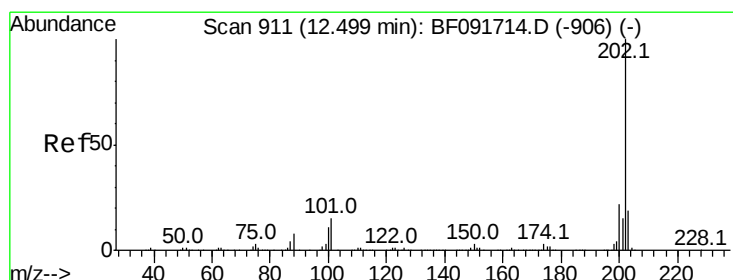
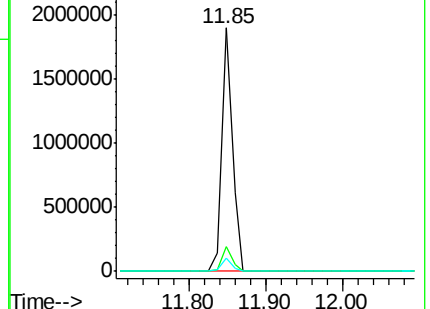
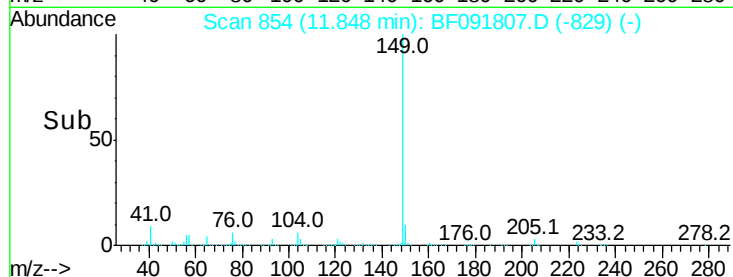
104 5.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.58 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

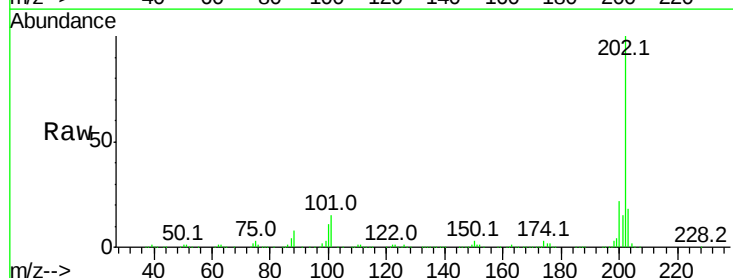
Tgt Ion:202 Resp: 1688436

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

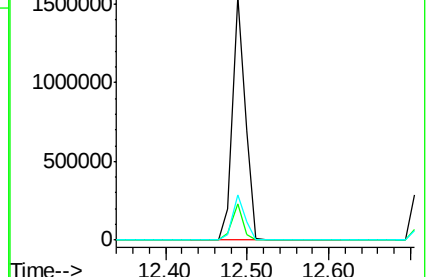
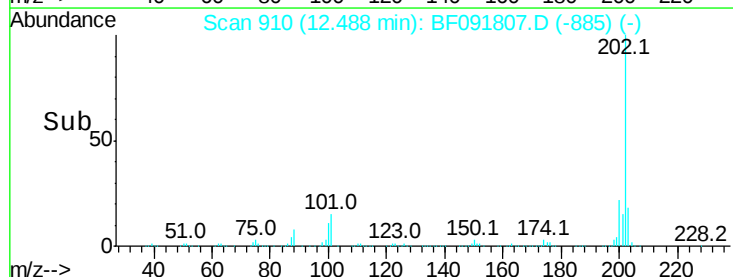
203 18.4 0.0 38.7

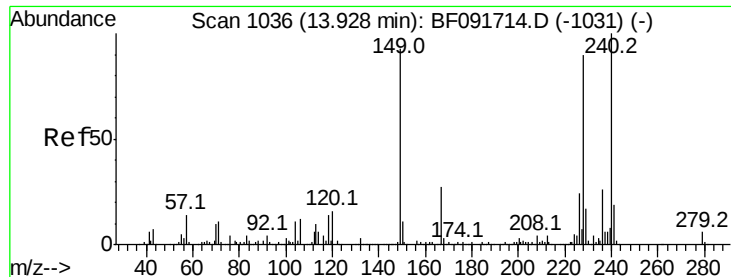


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

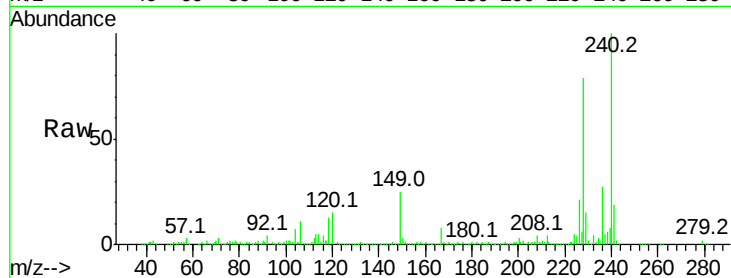
Tot Ion:240 Resp: 635157

Ion Ratio Lower Upper

240 100

120 15.4 12.9 19.3

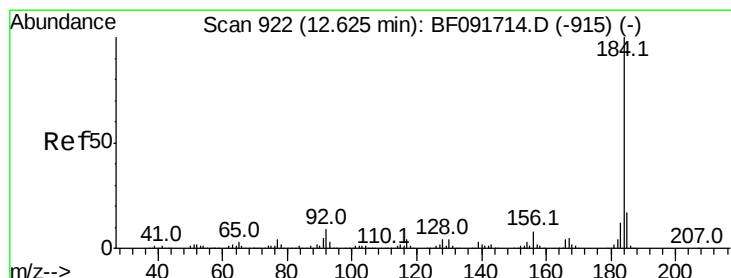
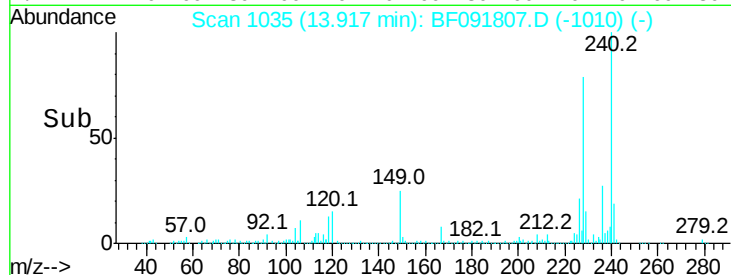
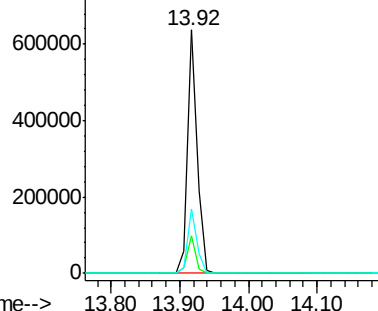
236 26.6 20.9 31.3



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: 42.07 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

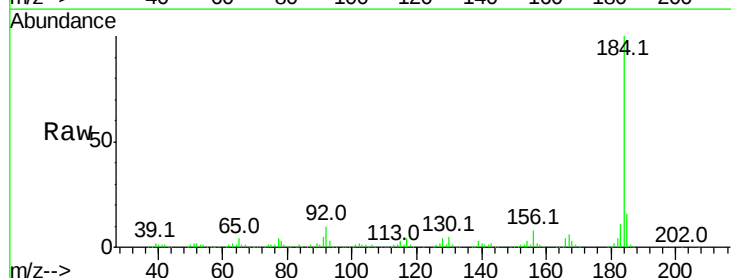
Tgt Ion:184 Resp: 769095

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.0

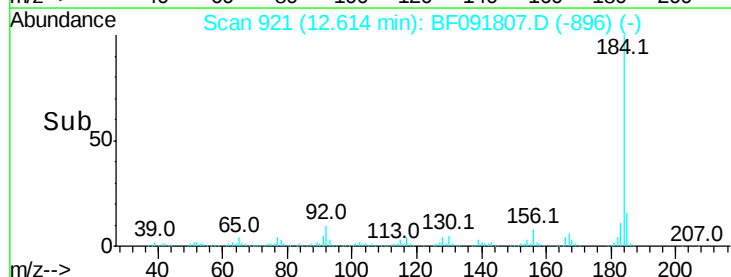
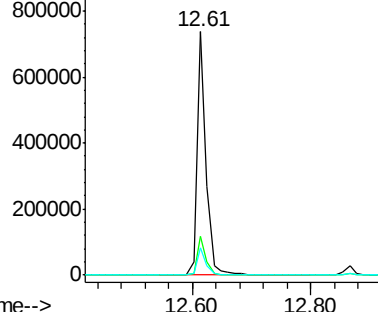
183 11.1 9.2 13.8

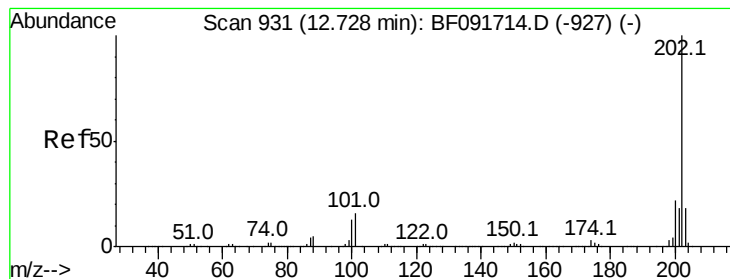


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.09 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

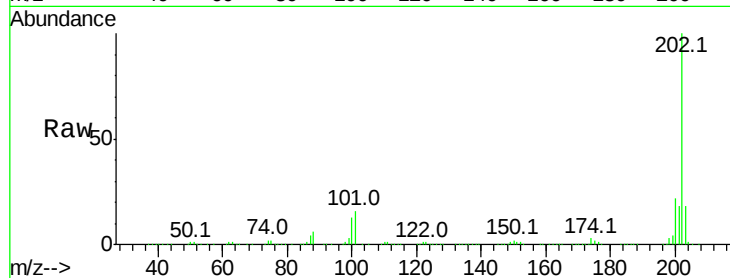
Tot Ion:202 Resp: 1793222

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

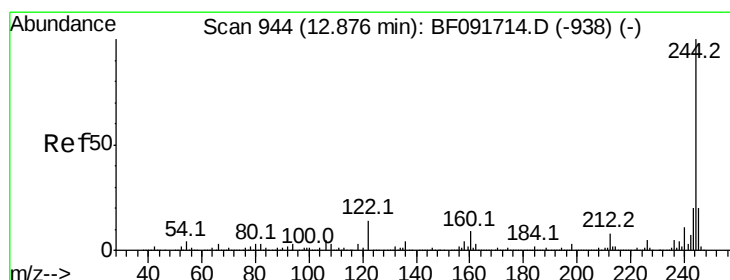
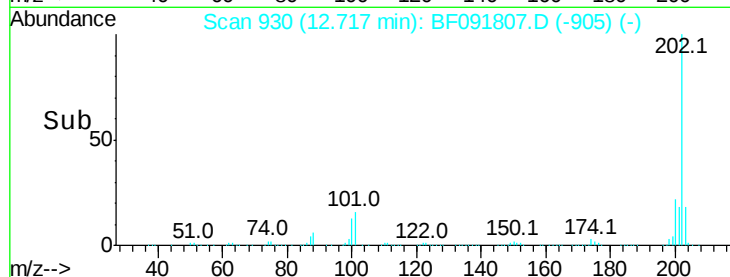
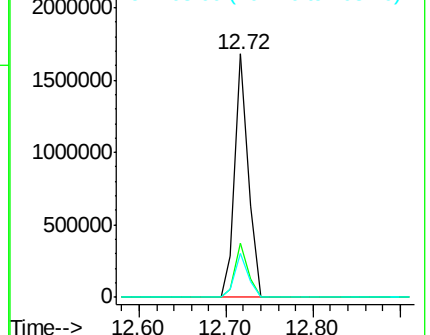
203 18.3 14.7 22.1



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: 76.31 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

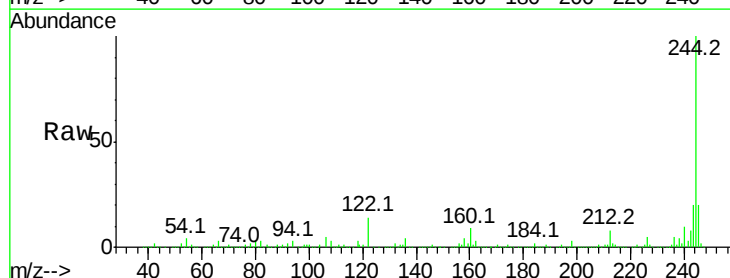
Tgt Ion:244 Resp: 1919521

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

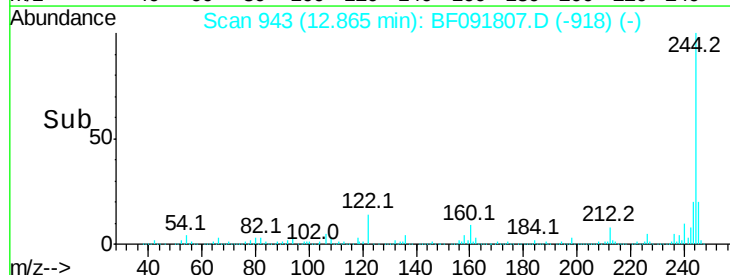
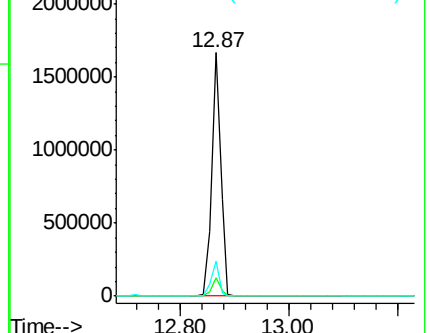
122 14.3 11.4 17.2

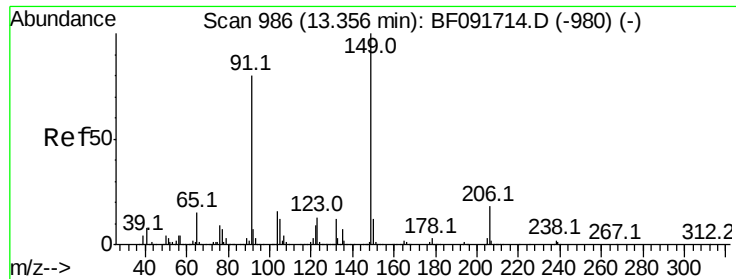


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

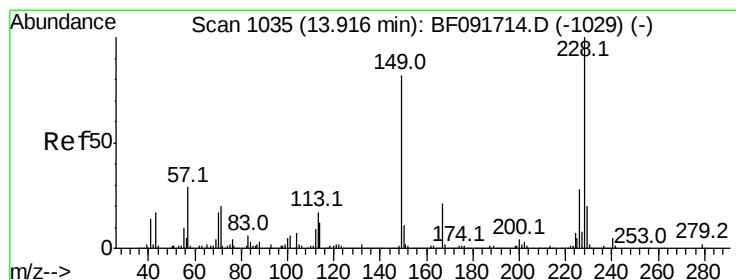
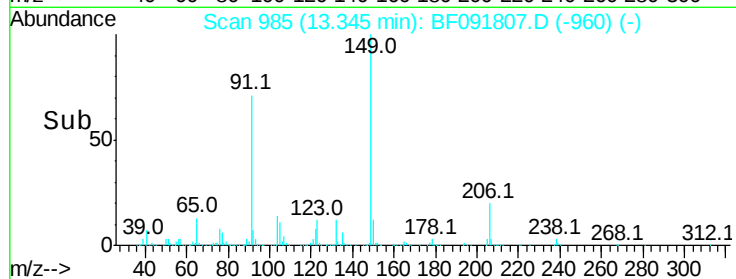
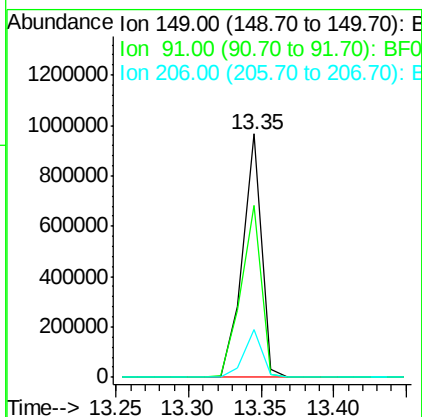
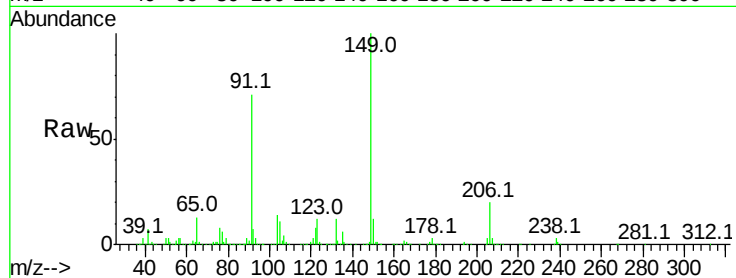




#79
Butylbenzylphthalate
Concen: 41.21 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

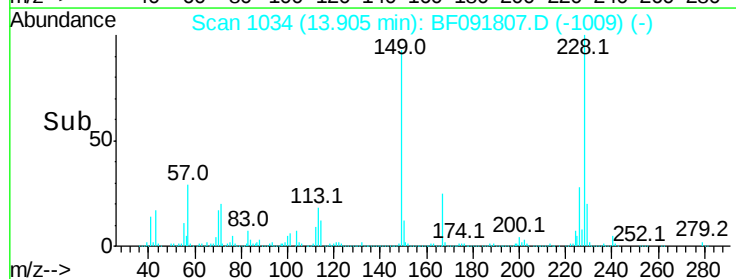
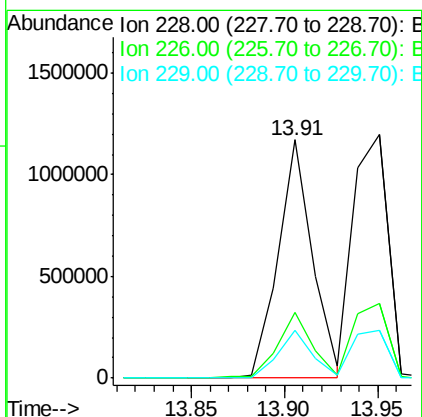
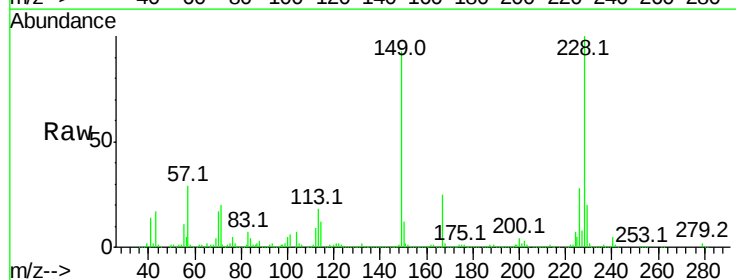
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

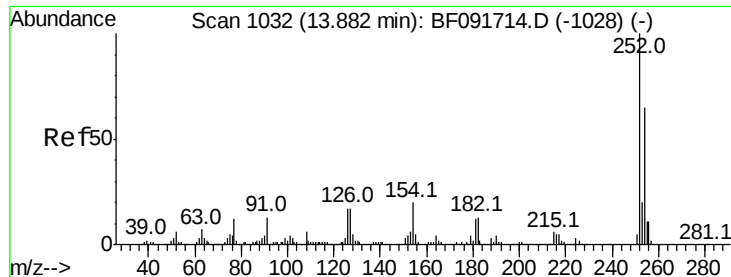
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	63.9	95.9
206	19.6	14.6	21.8



#80
Benzo(a)anthracene
Concen: 41.29 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.0	16.2	24.4

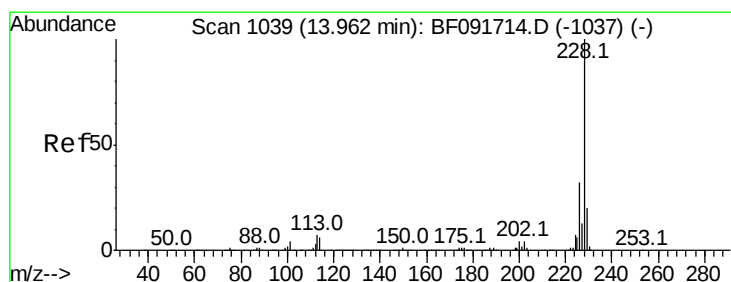
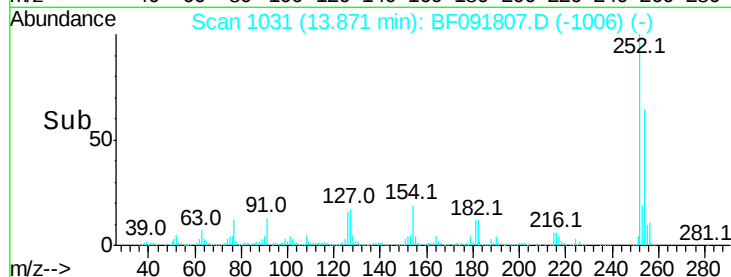
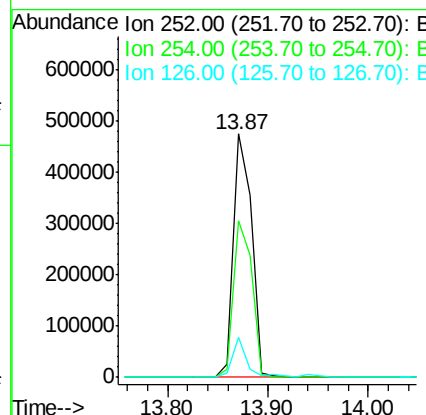
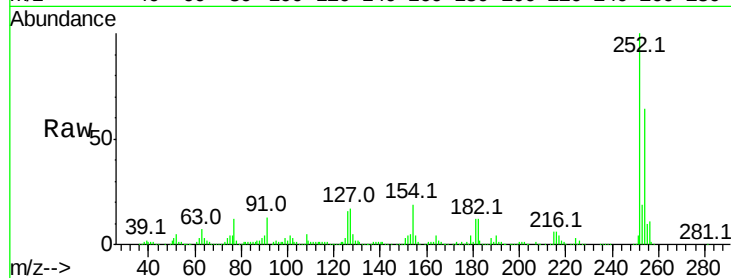




#81
 3,3'-Dichlorobenzidine
 Concen: 41.25 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

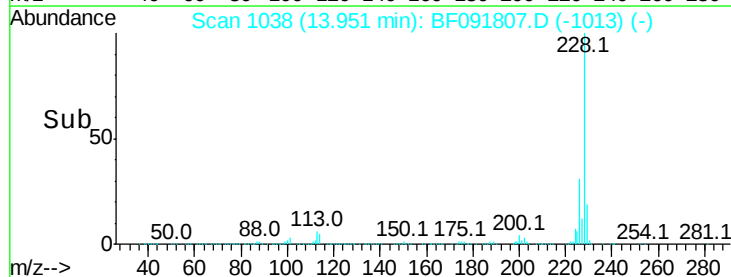
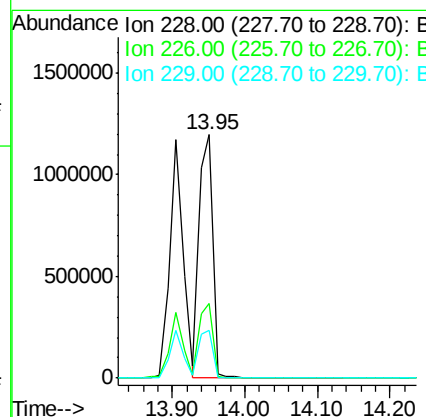
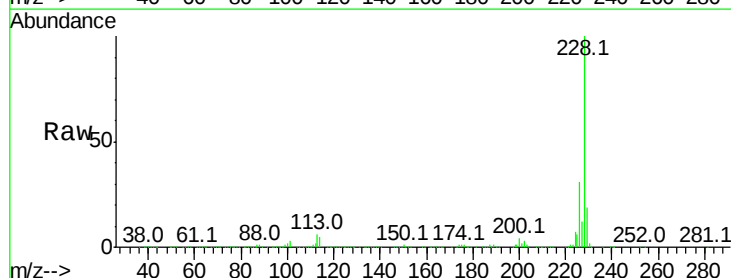
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

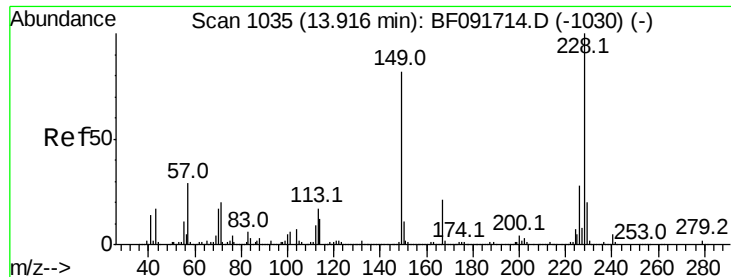
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.3	78.5
126	16.4	13.6	20.4



#82
 Chrysene
 Concen: 41.56 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	19.4	16.2	24.2

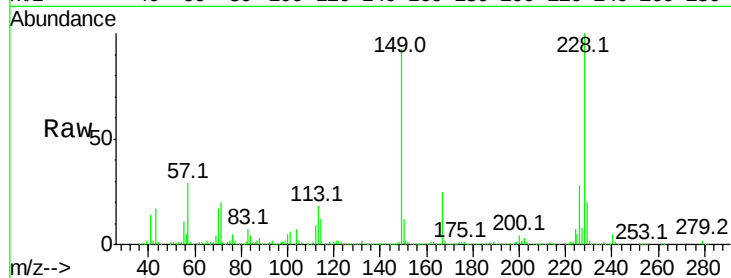




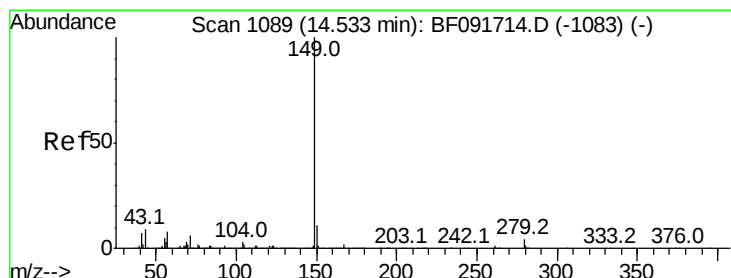
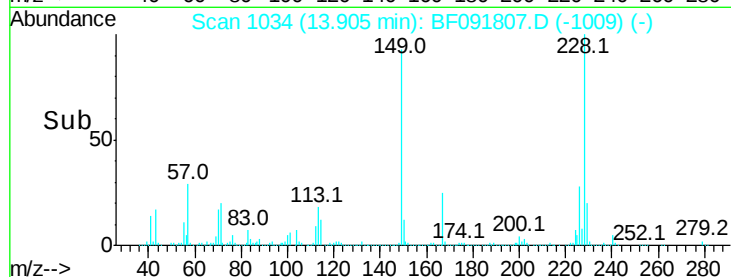
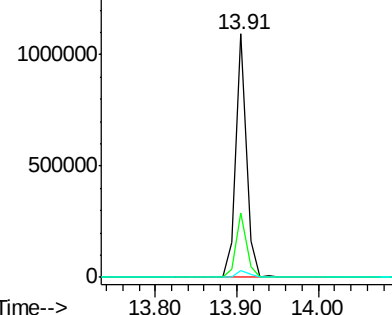
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.02 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 980860
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.2 30.4
 279 2.7 1.8 2.8

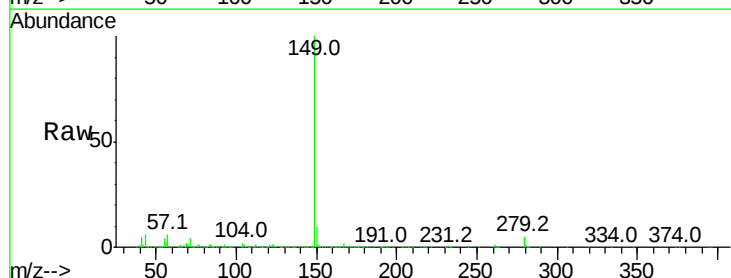


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

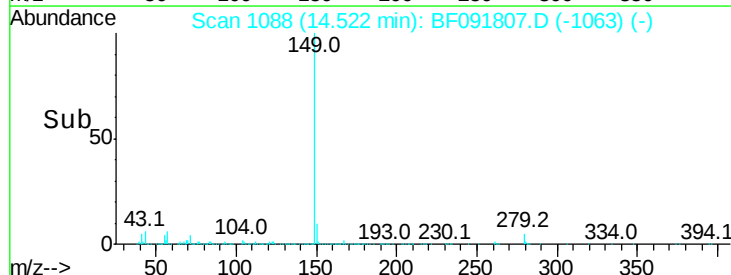
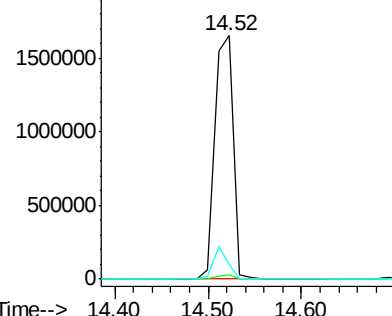


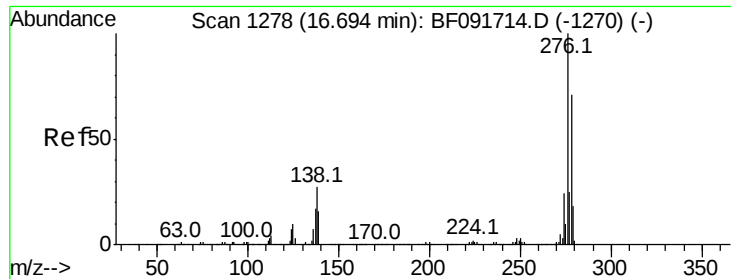
#84
 Di-n-octyl phthalate
 Concen: 45.37 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:149 Resp: 2276905
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.3 8.9 13.3



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



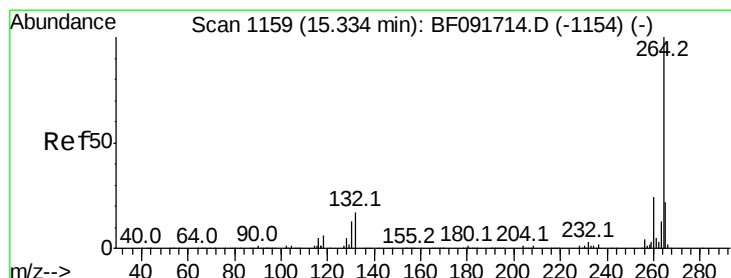
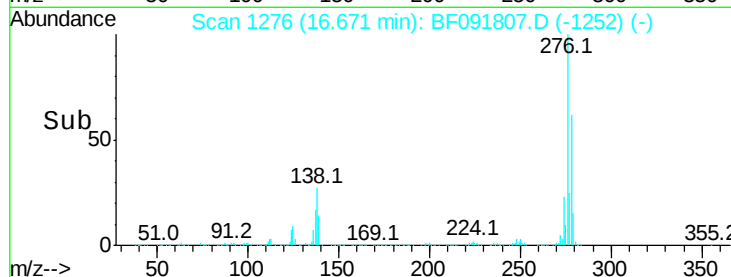
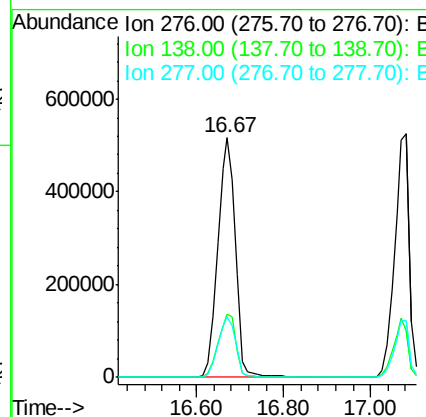
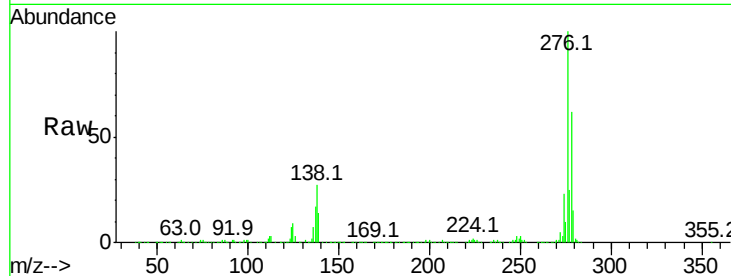


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.11 ng
 RT: 16.67 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1485057

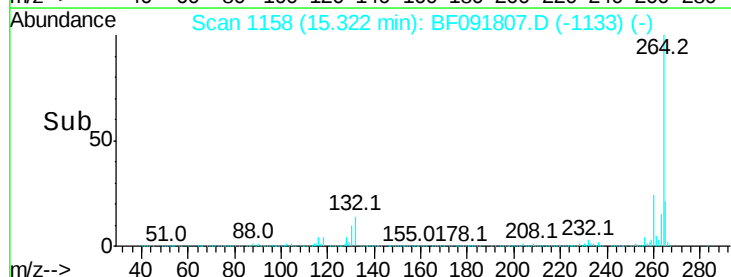
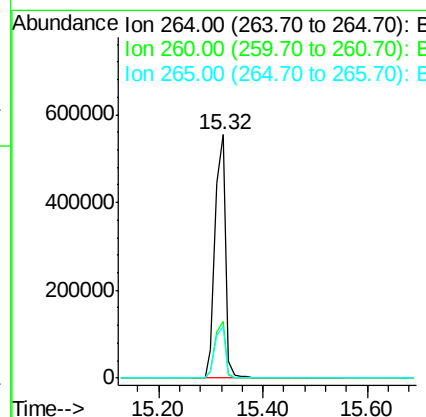
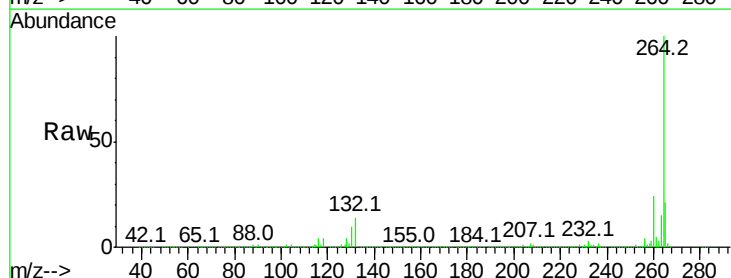
Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.6
277	25.4	20.2	30.4

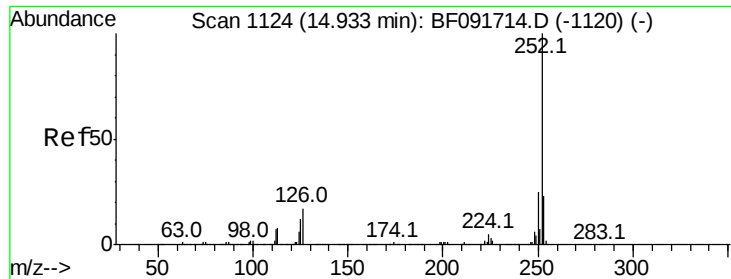


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091807.D
 Acq: 20 Dec 2016 9:20

Tgt Ion:264 Resp: 770076

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.4	26.0

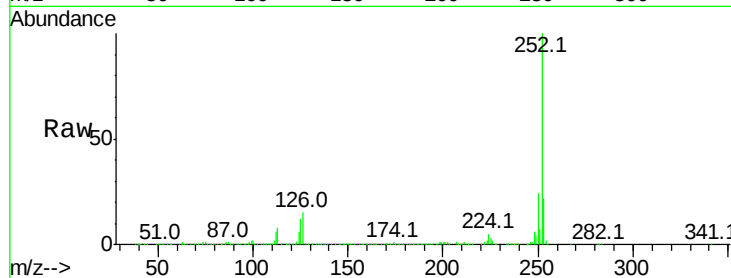




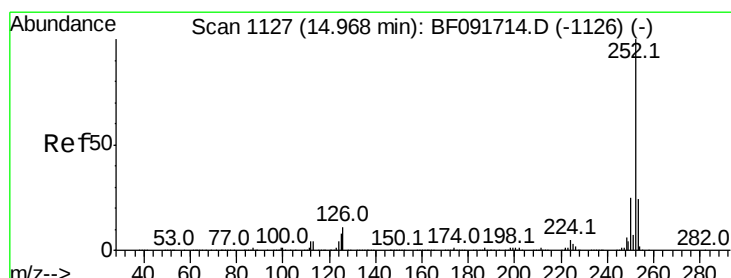
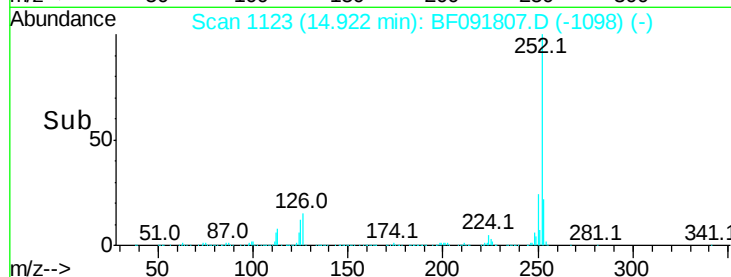
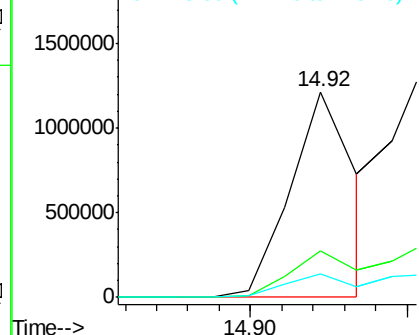
#87
Benzo(b)fluoranthene
Concen: 35.31 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1724141
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 11.6 9.8 14.6

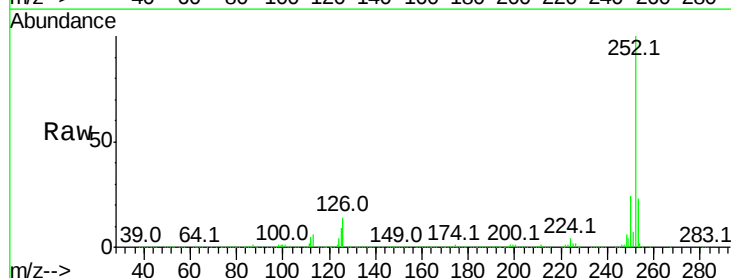


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

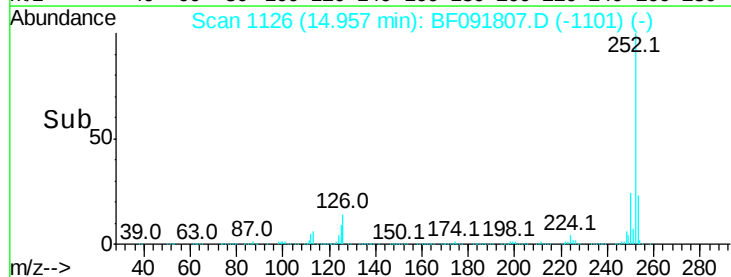
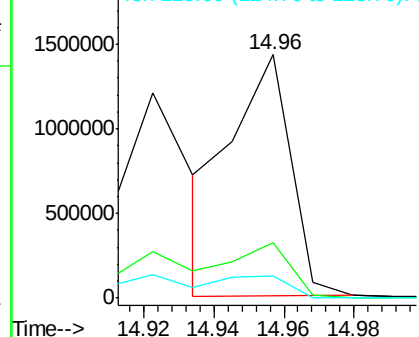


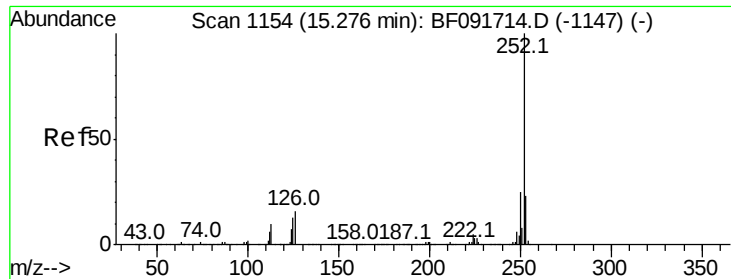
#88
Benzo(k)fluoranthene
Concen: 48.45 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF091807.D
Acq: 20 Dec 2016 9:20

Tgt Ion:252 Resp: 1659921
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 9.3 8.9 13.3



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: 38.36 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

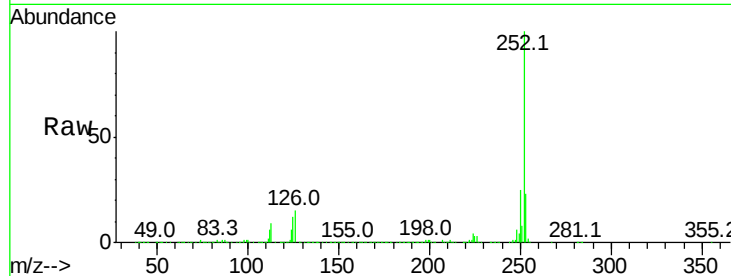
Tot Ion:252 Resp: 1607705

Ion Ratio Lower Upper

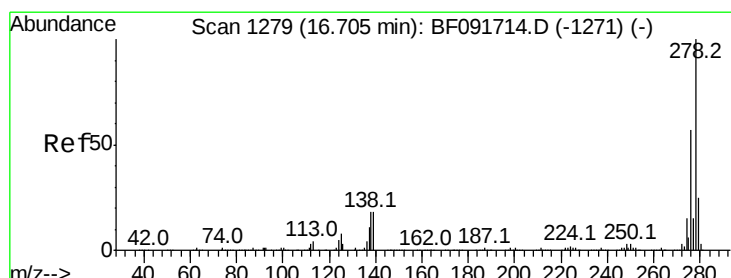
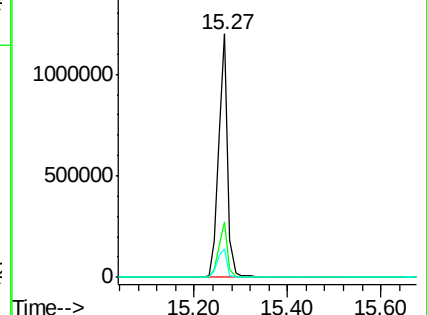
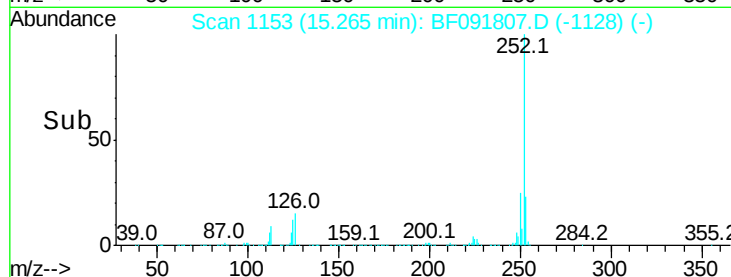
252 100

253 22.7 18.2 27.2

125 11.6 10.0 15.0



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



#90

Dibenzo(a,h)anthracene

Concen: 34.44 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

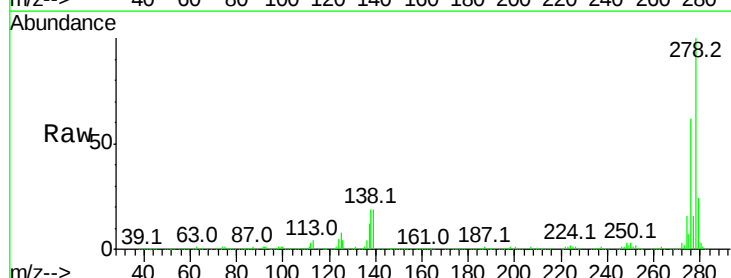
Tgt Ion:278 Resp: 1258262

Ion Ratio Lower Upper

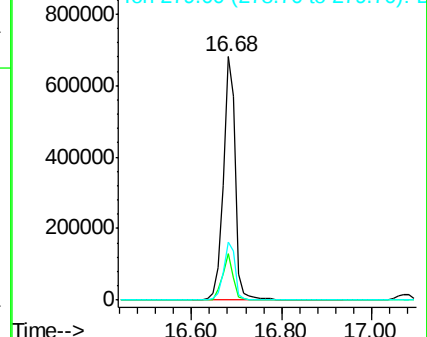
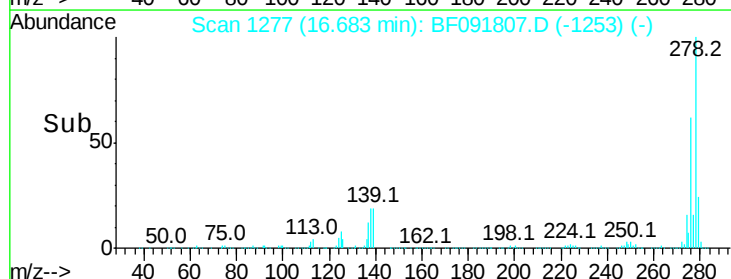
278 100

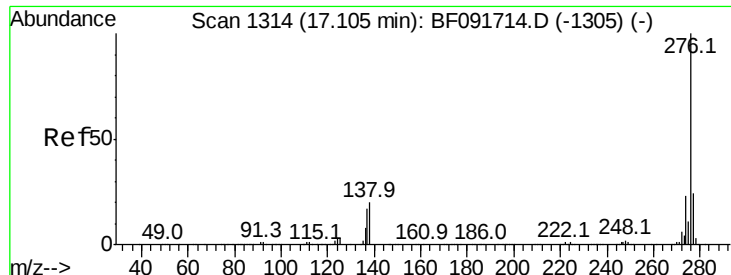
139 19.2 14.8 22.2

279 24.0 19.8 29.6



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: 34.25 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF091807.D

Acq: 20 Dec 2016 9:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

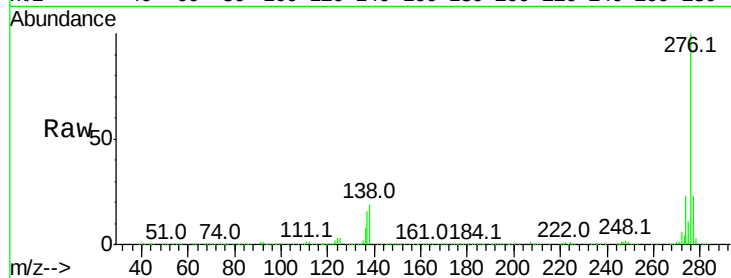
Tot Ion:276 Resp: 1271658

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 18.9 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

