

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091917.D
 Acq On : 23 Dec 2016 12:03
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 23 16:58:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	235991	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	979576	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	499450	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	830454	20.00	ng	0.00
75) Chrysene-d12	13.89	240	623794	20.00	ng	-0.01
86) Perylene-d12	15.29	264	535307	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1127358	79.76	ng	0.03
7) Phenol-d6	6.44	99	1431748	82.97	ng	0.03
23) Nitrobenzene-d5	7.32	82	1449021	82.25	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	352558	85.30	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2199879	91.19	ng	-0.01
78) Terphenyl-d14	12.84	244	1749377	68.01	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	273603	39.32	ng	97
3) Pyridine	2.96	79	785529	32.35	ng	98
4) n-Nitrosodimethylamine	2.93	42	333205	36.37	ng	99
6) Aniline	6.41	93	978395	43.65	ng	# 46
8) 2-Chlorophenol	6.54	128	621421	38.65	ng	98
9) Benzaldehyde	6.28	77	406813	42.12	ng	93
10) Phenol	6.45	94	940134	47.81	ng	# 74
11) bis(2-Chloroethyl)ether	6.49	93	668427	42.72	ng	100
12) 1,3-Dichlorobenzene	6.68	146	684562	39.89	ng	# 93
13) 1,4-Dichlorobenzene	6.76	146	722699	41.37	ng	97
14) 1,2-Dichlorobenzene	6.91	146	566893	37.40	ng	94
15) Benzyl Alcohol	6.91	79	566027	42.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	970883	41.67	ng	98
17) 2-Methylphenol	7.05	107	502413	38.86	ng	99
18) Hexachloroethane	7.25	117	262824	40.58	ng	91
19) n-Nitroso-di-n-propylamine	7.17	70	473860	41.28	ng	98
20) 3+4-Methylphenols	7.20	107	740252	48.00	ng	# 71
22) Acetophenone	7.16	105	978561	40.50	ng	# 94
24) Nitrobenzene	7.33	77	672189	35.83	ng	100
25) Isophorone	7.57	82	1179930	36.30	ng	94
26) 2-Nitrophenol	7.65	139	392317	42.40	ng	93
27) 2,4-Dimethylphenol	7.72	122	559575	36.46	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	767169	38.92	ng	100
29) 2,4-Dichlorophenol	7.92	162	531838	40.93	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	547320	38.43	ng	# 96
31) Naphthalene	8.05	128	1824892	40.70	ng	99
32) Benzoic acid	7.88	122	477171	41.92	ng	# 87
33) 4-Chloroaniline	8.11	127	772399	38.21	ng	96
34) Hexachlorobutadiene	8.17	225	297152	39.53	ng	99
35) Caprolactam	8.50	113	160850	37.67	ng	# 66
36) 4-Chloro-3-methylphenol	8.62	107	579786	38.77	ng	98
37) 2-Methylnaphthalene	8.74	142	1113458	39.12	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	512529	40.62	ng	98
40) Hexachlorocyclopentadiene	8.90	237	194852	36.93	ng	99

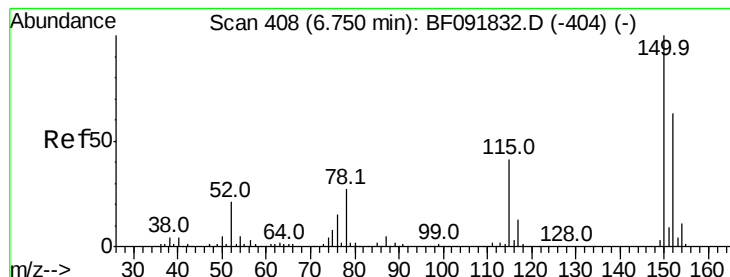
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091917.D
 Acq On : 23 Dec 2016 12:03
 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	343415	38.91	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	341664	37.62	nq	# 82
45) 1,1'-Biphenyl	9.21	154	1345838	39.35	nq	98
46) 2-Chloronaphthalene	9.23	162	1040384	38.42	nq	94
47) 2-Nitroaniline	9.34	65	407600	42.27	nq	# 70
48) Acenaphthylene	9.64	152	1526610	36.65	nq	99
49) Dimethylphthalate	9.52	163	1206585	37.77	nq	98
50) 2,6-Dinitrotoluene	9.58	165	289032	41.34	nq	# 71
51) Acenaphthene	9.81	154	1033219	36.59	nq	99
52) 3-Nitroaniline	9.76	138	376956	43.57	nq	92
53) 2,4-Dinitrophenol	9.86	184	144192	37.06	nq	93
54) Dibenzofuran	9.98	168	1276062	33.46	nq	96
55) 4-Nitrophenol	9.95	139	275206m	46.84	nq	
56) 2,4-Dinitrotoluene	9.98	165	374720	42.70	nq	92
57) Fluorene	10.33	166	1059196	38.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	280240	39.01	nq	98
59) Diethylphthalate	10.21	149	1266512	40.83	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	513244	42.25	nq	# 80
61) 4-Nitroaniline	10.37	138	365930	40.81	nq	98
62) Azobenzene	10.48	77	1322099	38.71	nq	97
64) 4,6-Dinitro-2-methylphenol	10.40	198	220528	43.91	nq	90
65) n-Nitrosodiphenylamine	10.44	169	989912	40.17	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	318990	36.93	nq	96
67) Hexachlorobenzene	10.88	284	359644	38.95	nq	# 94
68) Atrazine	10.98	200	280217	35.25	nq	98
69) Pentachlorophenol	11.08	266	172394	38.05	nq	99
70) Phenanthrene	11.29	178	1689667	37.52	nq	99
71) Anthracene	11.33	178	1602990	38.13	nq	99
72) Carbazole	11.50	167	1689108	46.01	nq	99
73) Di-n-butylphthalate	11.82	149	1726033	40.00	nq	100
74) Fluoranthene	12.46	202	1641502	41.23	nq	99
76) Benzidine	12.59	184	559334	32.99	nq	97
77) Pyrene	12.69	202	1628866	35.59	nq	99
79) Butylbenzylphthalate	13.32	149	806591	38.75	nq	92
80) Benzo(a)anthracene	13.88	228	1325977	37.66	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	493223	36.94	nq	98
82) Chrysene	13.92	228	1312379	37.16	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	930133	37.94	nq	# 98
84) Di-n-octyl phthalate	14.49	149	1685085	37.11	nq	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	1129938	36.93	nq	98
87) Benzo(b)fluoranthene	14.90	252	1356134m	40.69	nq	
88) Benzo(k)fluoranthene	14.92	252	1060948m	37.33	nq	
89) Benzo(a)pyrene	15.23	252	1135016	38.37	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	956979	39.36	nq	99
91) Benzo(g,h,i)perylene	17.03	276	968361	38.30	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

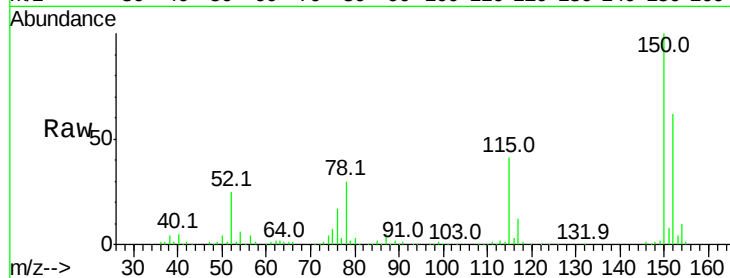
Tot Ion:152 Resp: 235991

Ion Ratio Lower Upper

152 100

150 161.9 124.9 187.3

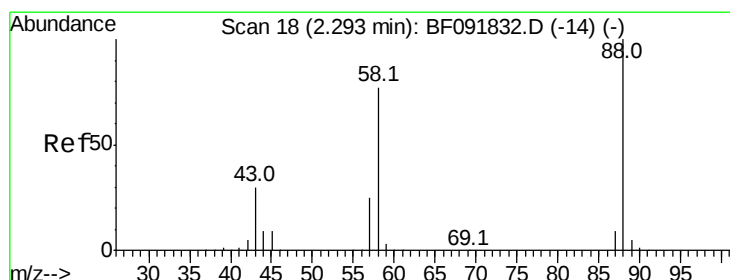
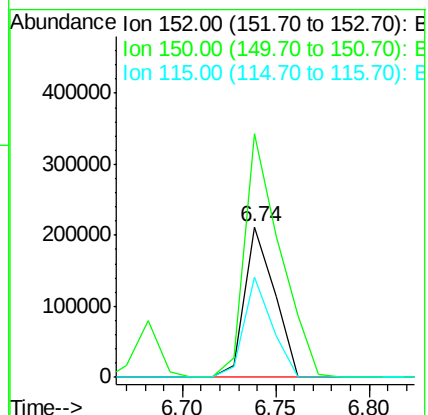
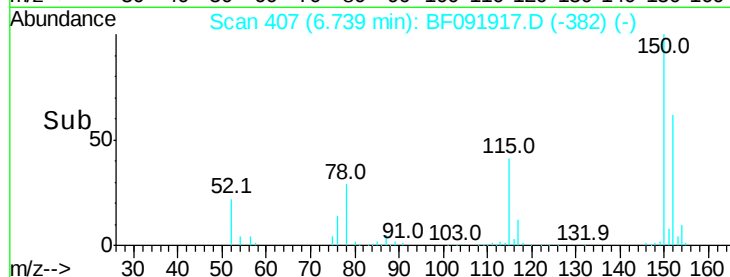
115 66.6 46.0 69.0



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: 39.32 ng

RT: 2.28 min Scan# 17

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

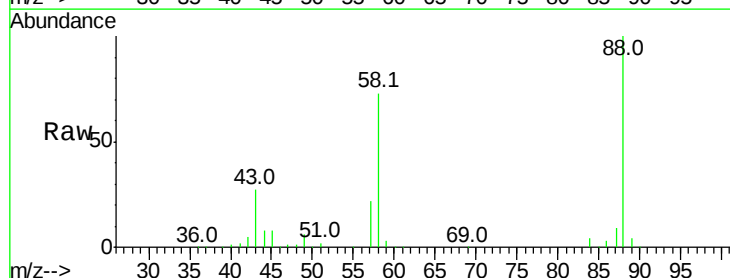
Tgt Ion: 88 Resp: 273603

Ion Ratio Lower Upper

88 100

58 75.6 57.8 86.8

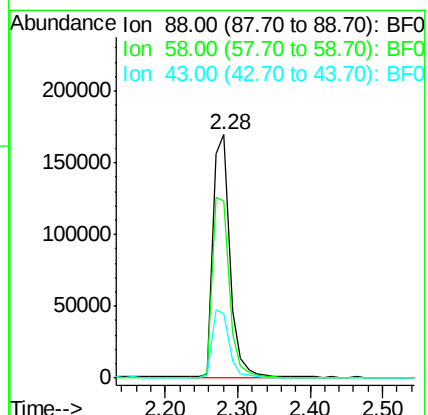
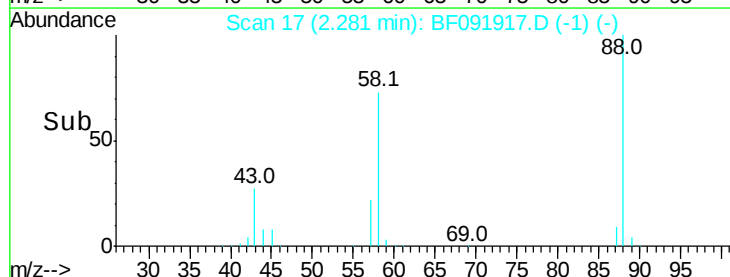
43 28.9 22.3 33.5

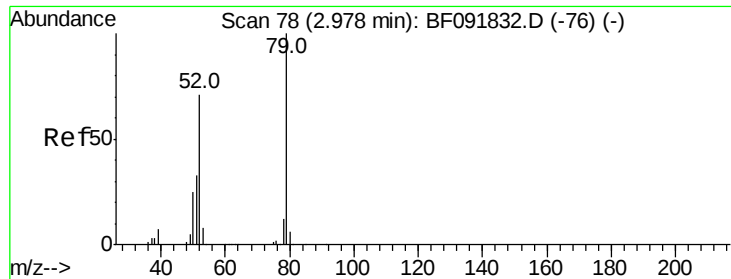


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

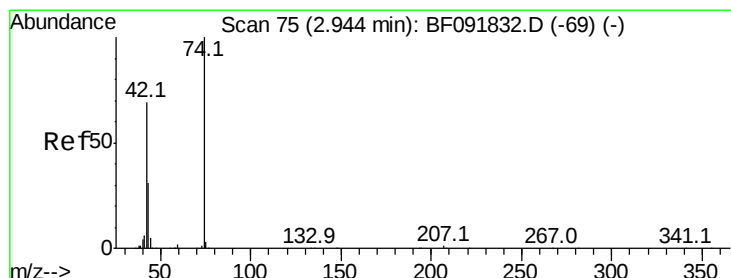
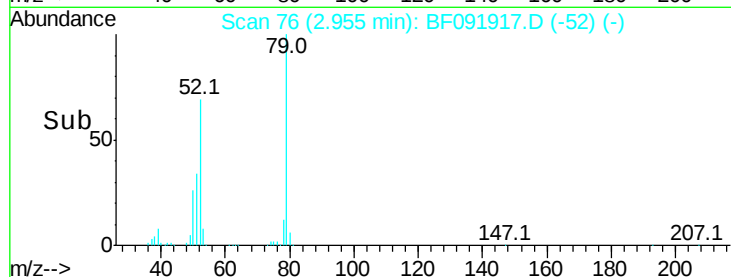
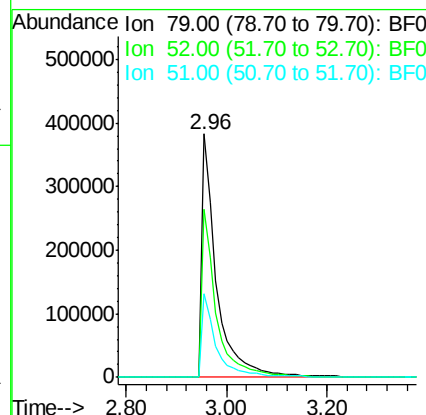
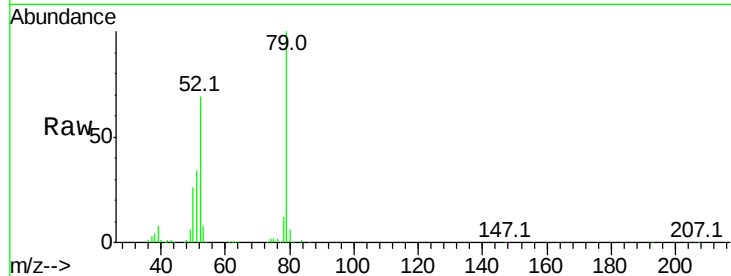




#3
 Pvridine
 Concen: 32.35 ng
 RT: 2.96 min Scan# 76
 Delta R.T. -0.02 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

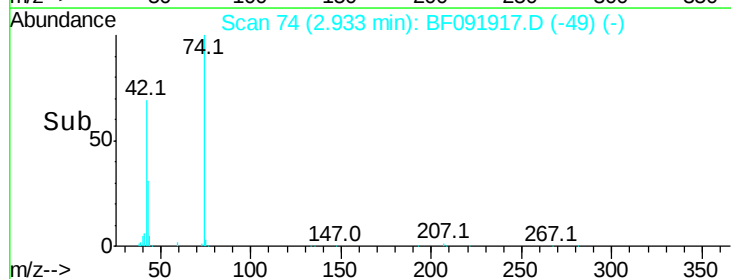
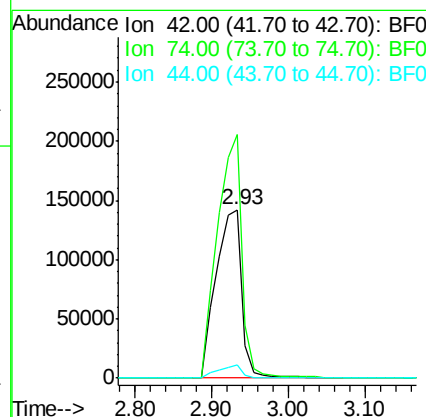
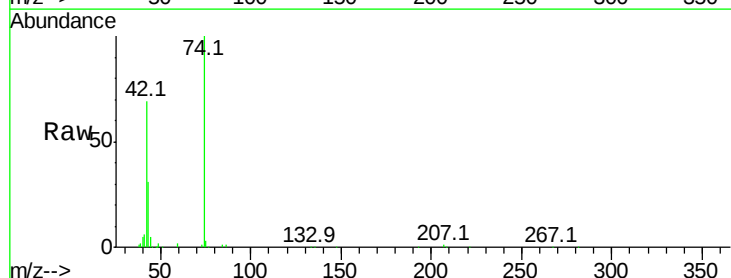
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

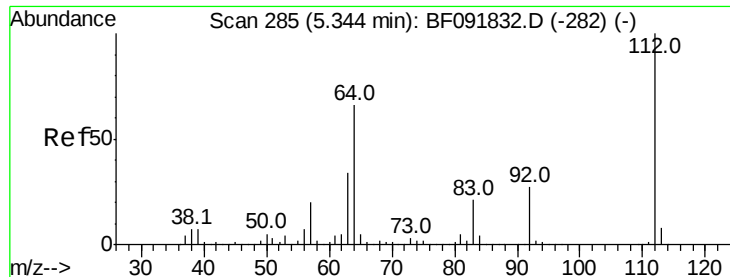
Tot Ion: 79 Resp: 785529
 Ion Ratio Lower Upper
 79 100
 52 69.0 57.1 85.7
 51 34.4 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 36.37 ng
 RT: 2.93 min Scan# 74
 Delta R.T. -0.01 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

Tgt Ion: 42 Resp: 333205
 Ion Ratio Lower Upper
 42 100
 74 144.5 117.0 175.4
 44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 79.76 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.03 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

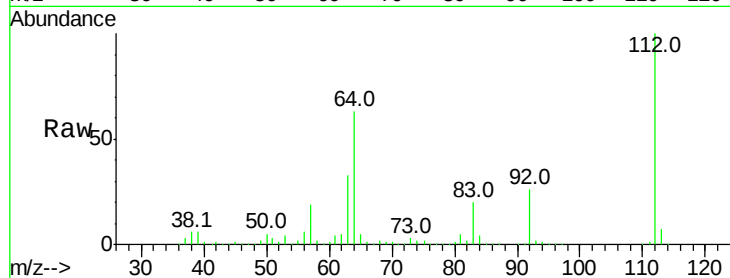
Tot Ion:112 Resp: 1127358

Ion Ratio Lower Upper

112 100

64 62.7 46.1 69.1

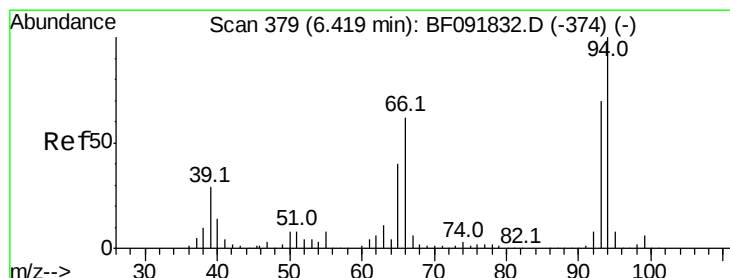
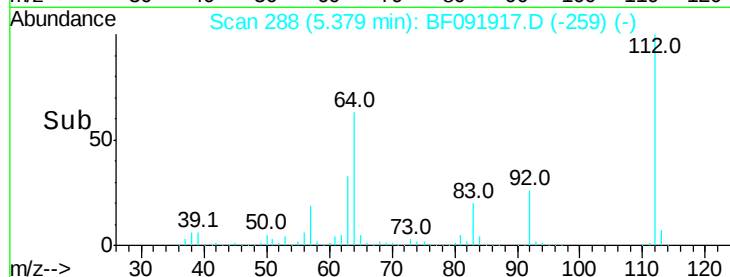
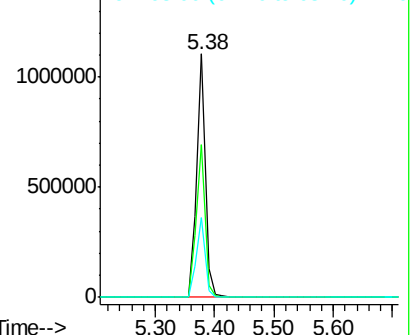
63 32.5 23.8 35.6



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: 43.65 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

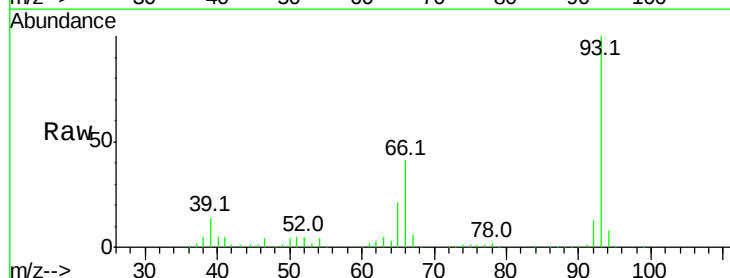
Tgt Ion: 93 Resp: 978395

Ion Ratio Lower Upper

93 100

66 41.1 76.2 114.2#

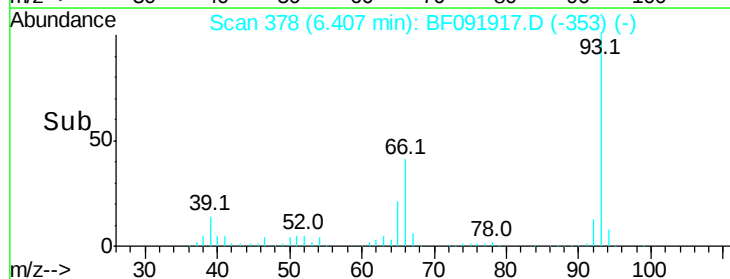
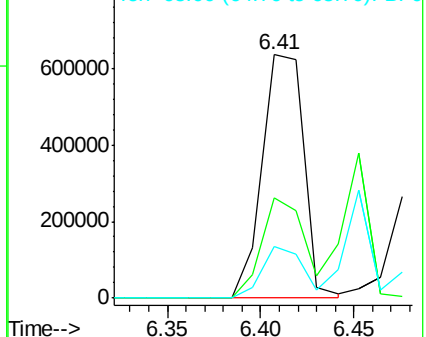
65 21.1 49.3 73.9#

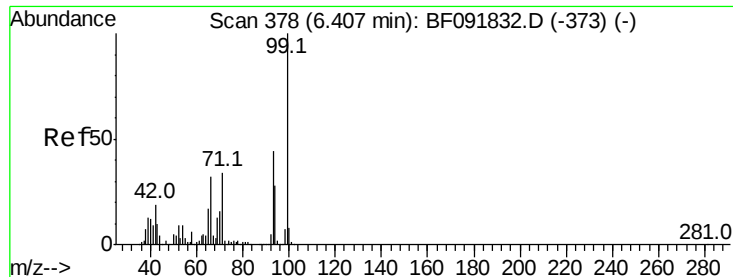


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.97 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

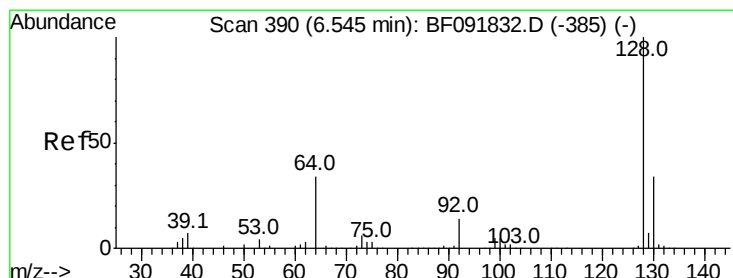
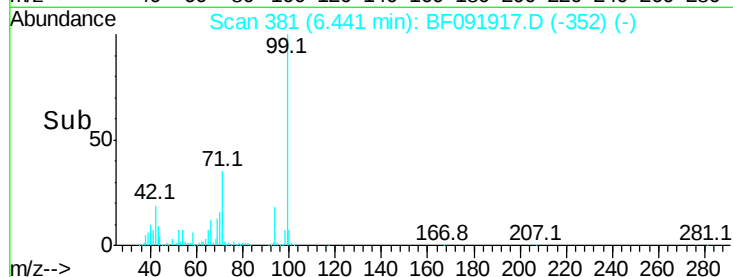
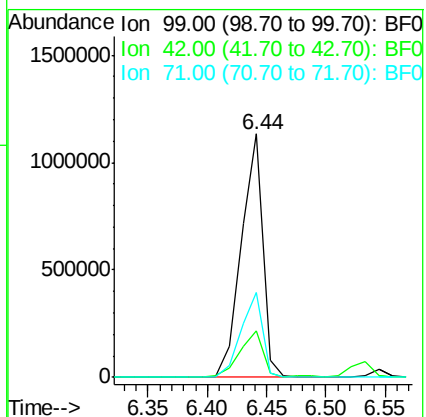
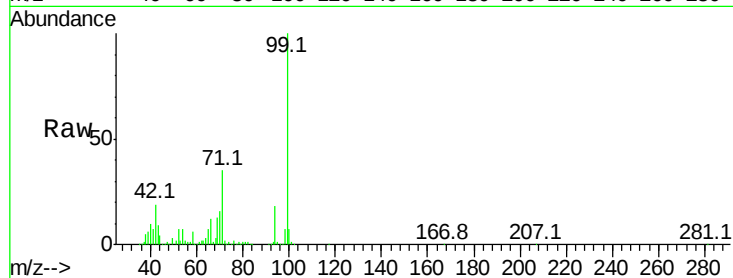
Tot Ion: 99 Resp: 1431748

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

71 35.1 27.5 41.3



#8

2-Chlorophenol

Concen: 38.65 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

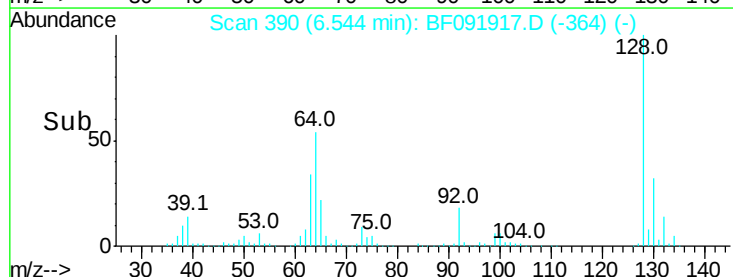
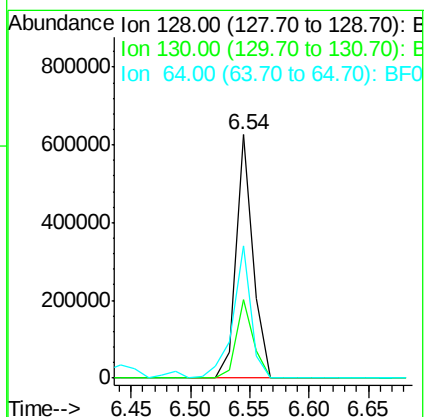
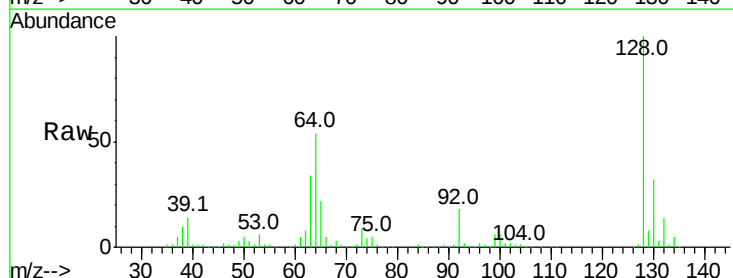
Tgt Ion: 128 Resp: 621421

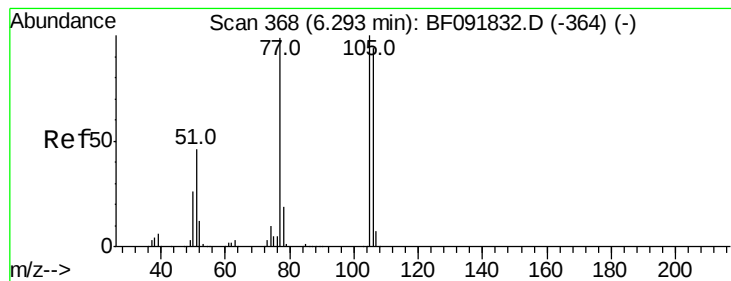
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 54.3 32.2 72.2





#9

Benzaldehyde

Concen: 42.12 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

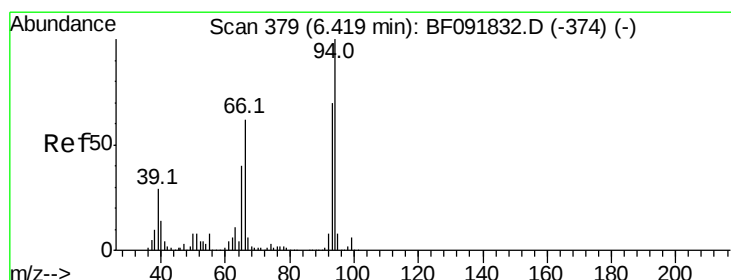
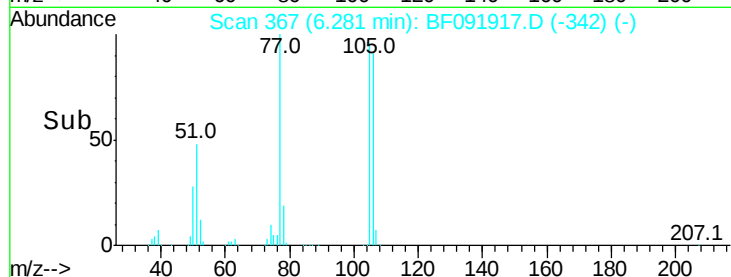
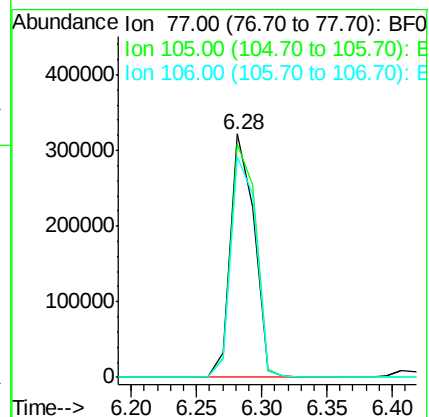
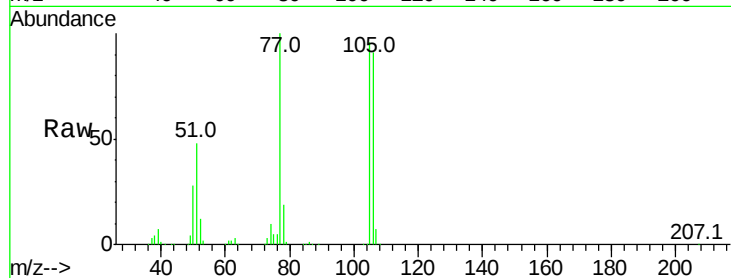
Tot Ion: 77 Resp: 406813

Ion Ratio Lower Upper

77 100

105 95.7 83.9 123.9

106 90.8 77.6 117.6



#10

Phenol

Concen: 47.81 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

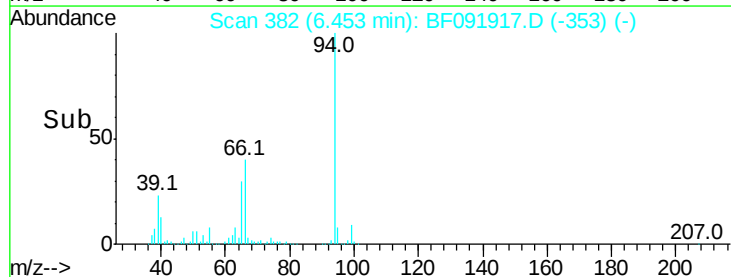
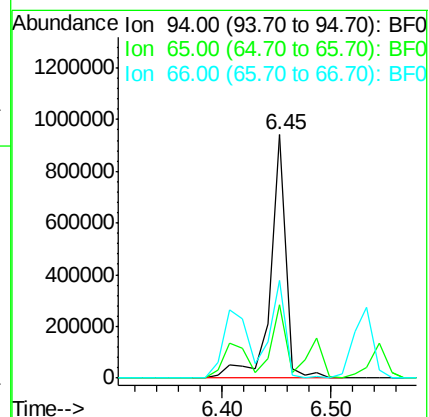
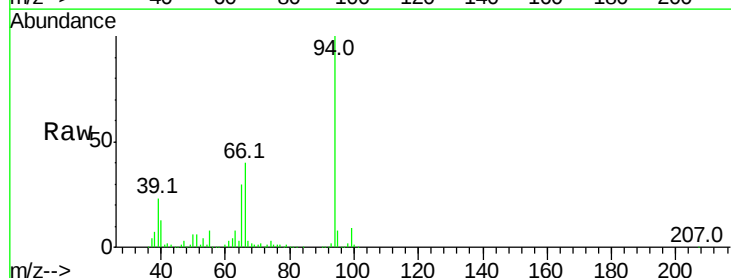
Tgt Ion: 94 Resp: 940134

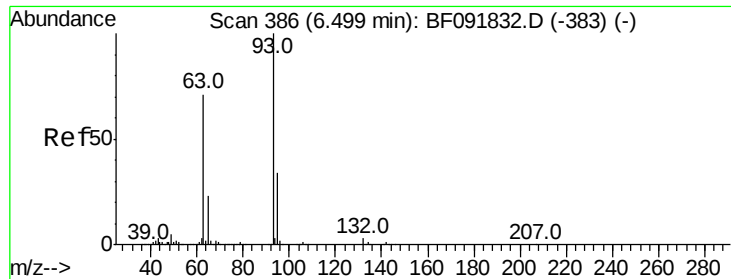
Ion Ratio Lower Upper

94 100

65 30.0 21.4 61.4

66 40.3 44.0 84.0#

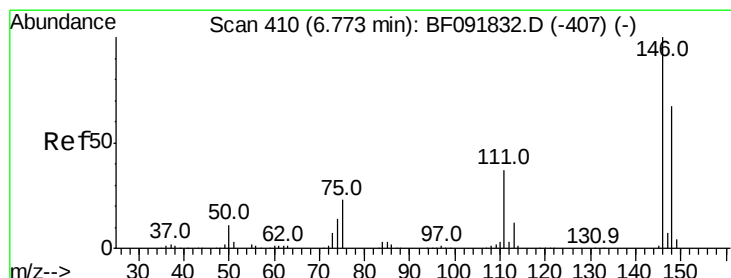
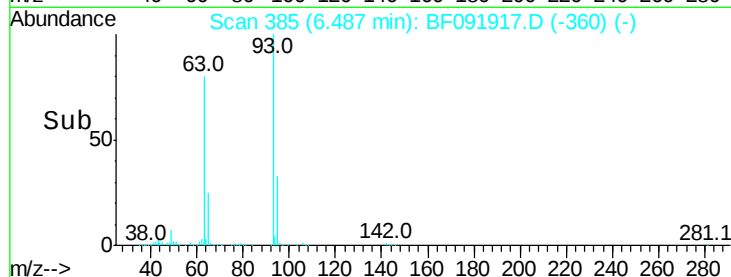
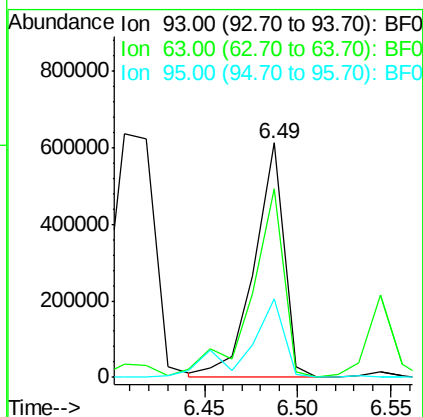
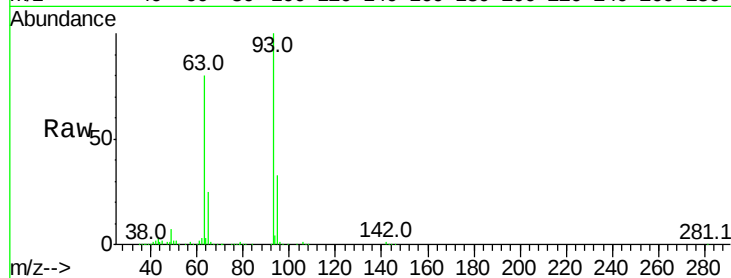




#11
bis(2-Chloroethyl)ether
Concen: 42.72 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

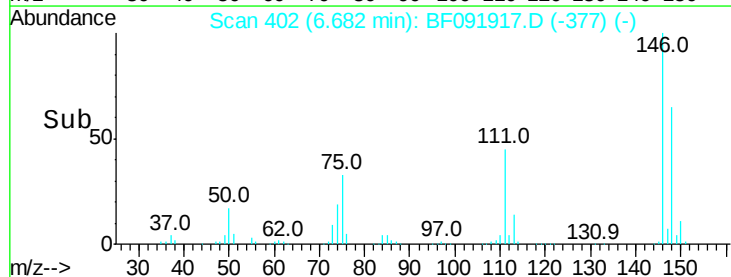
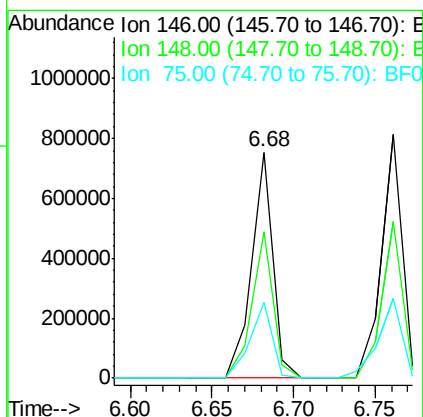
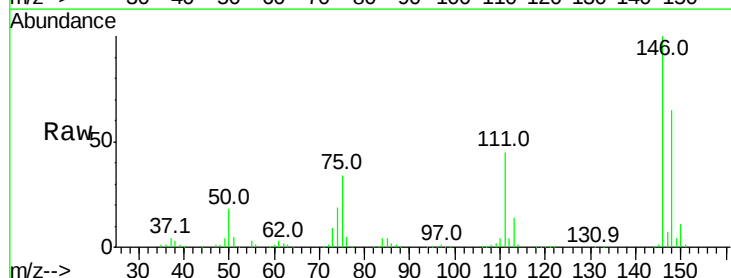
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

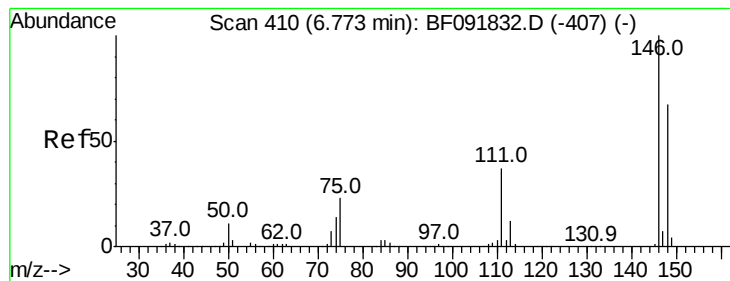
Tot Ion: 93 Resp: 668427
Ion Ratio Lower Upper
93 100
63 80.2 60.4 100.4
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.89 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion: 146 Resp: 684562
Ion Ratio Lower Upper
146 100
148 64.9 53.4 80.0
75 33.5 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 41.37 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

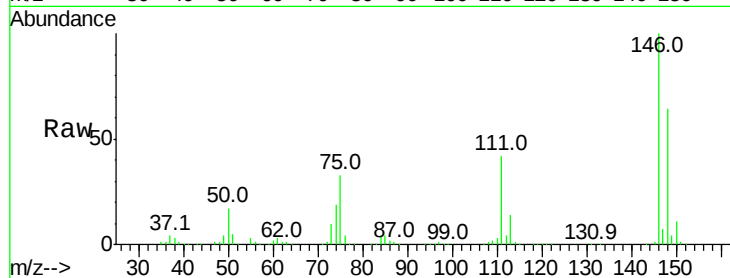
Tot Ion:146 Resp: 722699

Ion Ratio Lower Upper

146 100

148 64.4 50.6 76.0

111 42.0 36.2 54.4



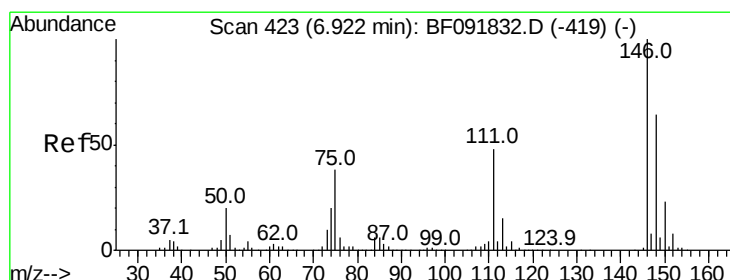
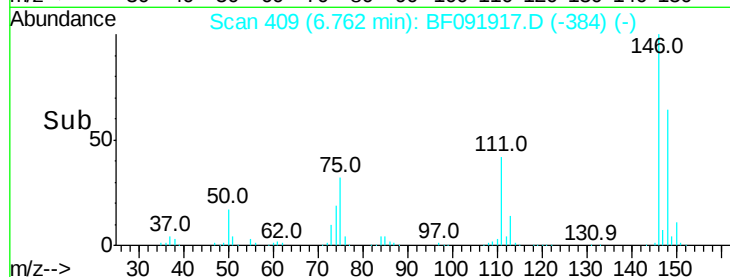
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.76

Time-->



#14

1,2-Dichlorobenzene

Concen: 37.40 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

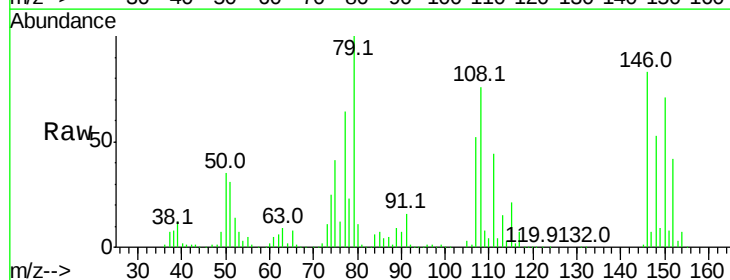
Tgt Ion:146 Resp: 566893

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

111 52.9 36.2 54.2



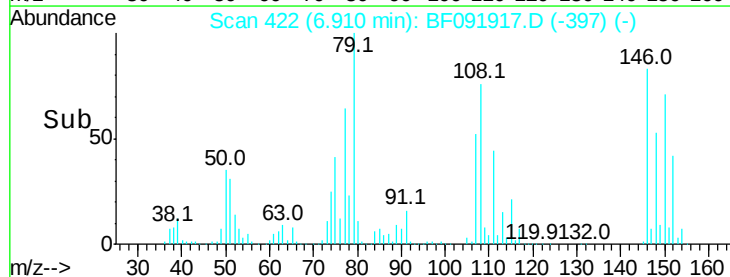
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.91

Time-->

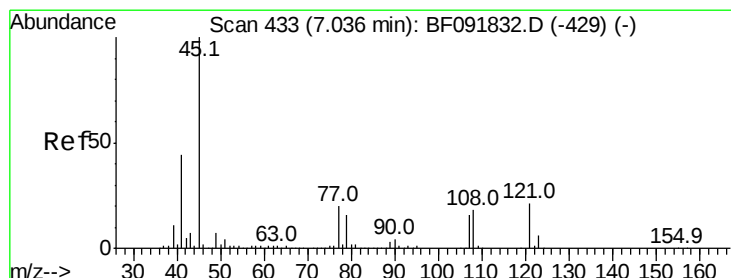
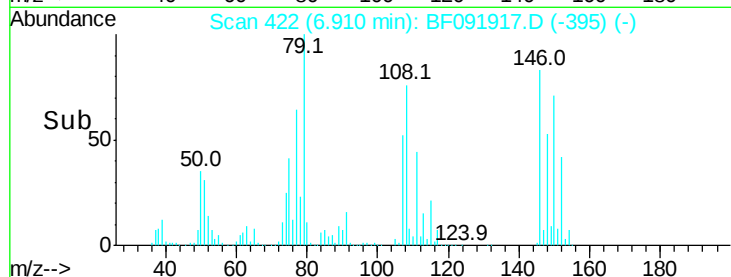
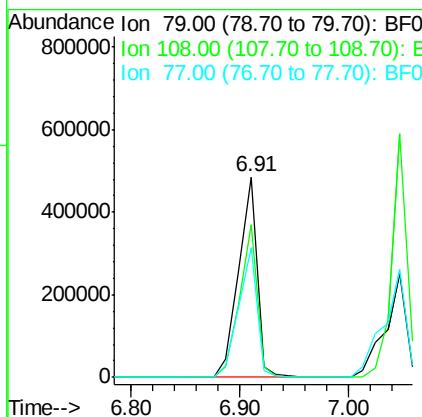
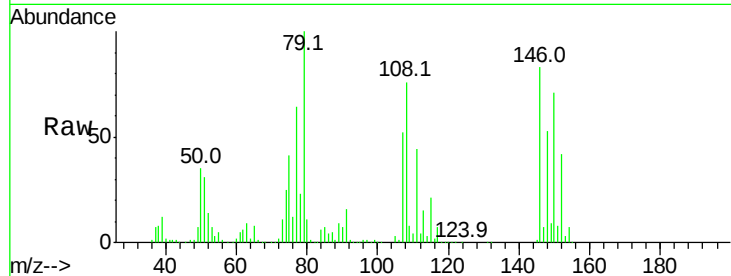




#15
Benzyl Alcohol
Concen: 42.22 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

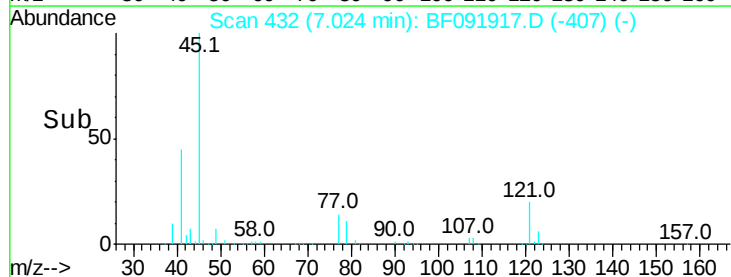
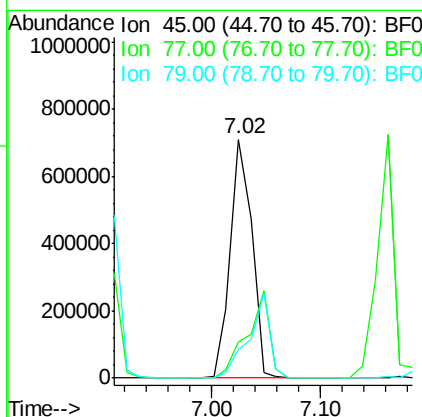
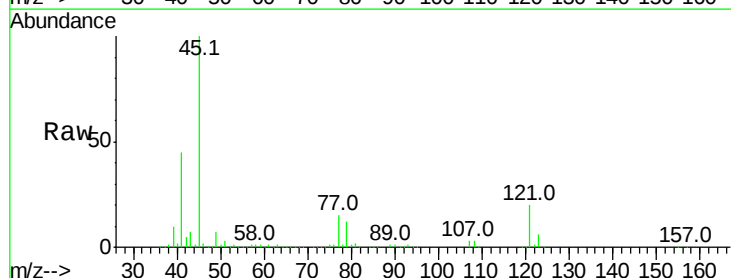
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

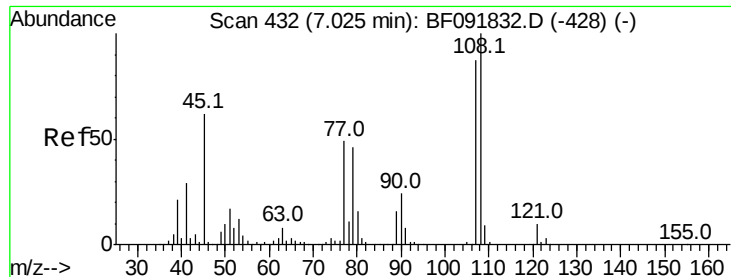
Tot Ion: 79 Resp: 566027
Ion Ratio Lower Upper
79 100
108 76.0 61.4 92.0
77 64.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.67 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion: 45 Resp: 970883
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.6
79 11.9 0.0 31.2





#17

2-Methylphenol

Concen: 38.86 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.02 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 502413

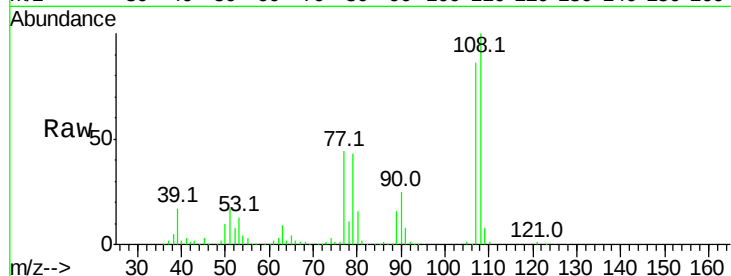
Ion Ratio Lower Upper

107 100

108 116.4 93.0 139.6

77 51.4 39.8 59.8

79 49.7 38.0 57.0

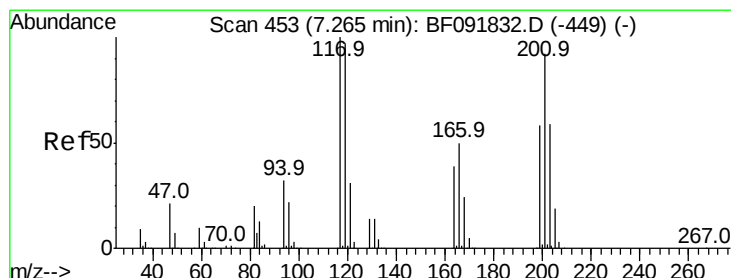
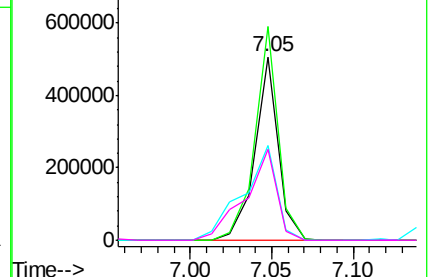
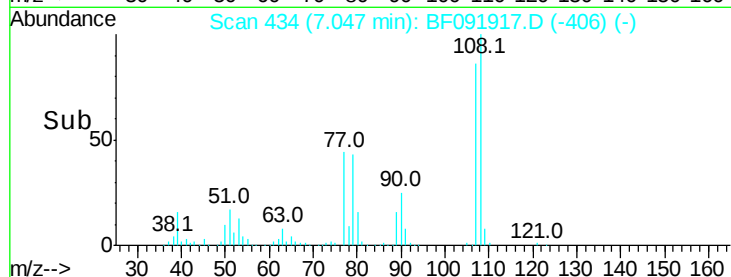


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.58 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

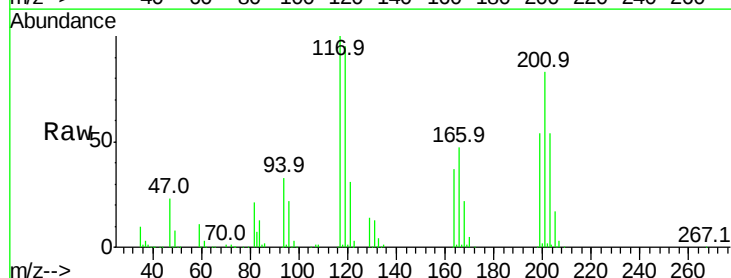
Tgt Ion:117 Resp: 262824

Ion Ratio Lower Upper

117 100

119 94.9 78.1 117.1

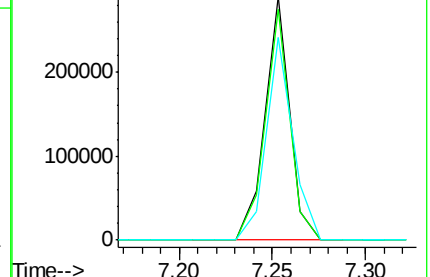
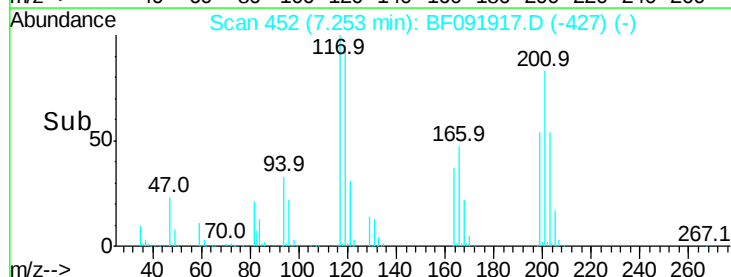
201 83.4 78.6 117.8

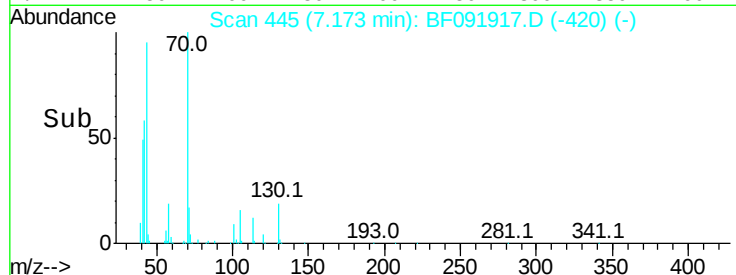
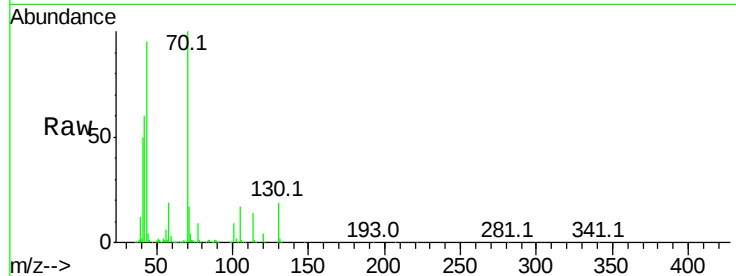
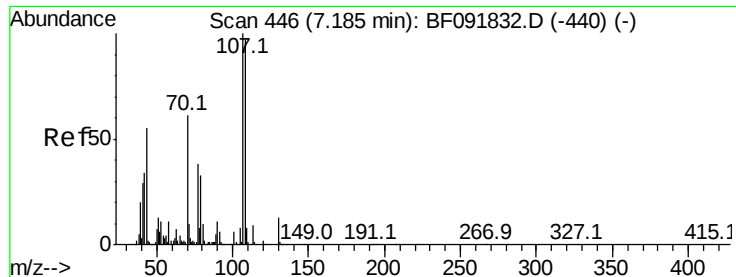


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

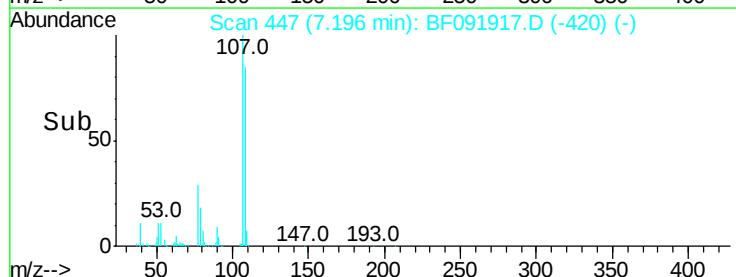
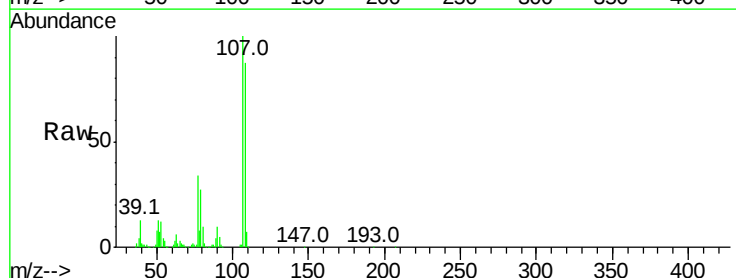
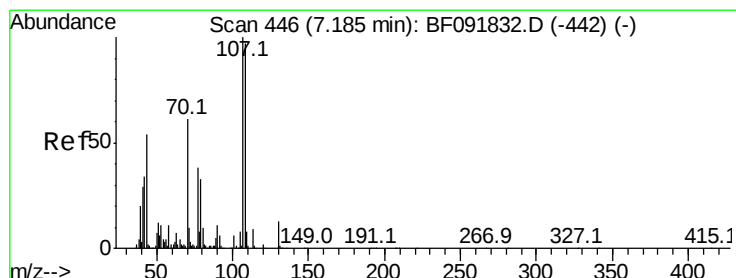
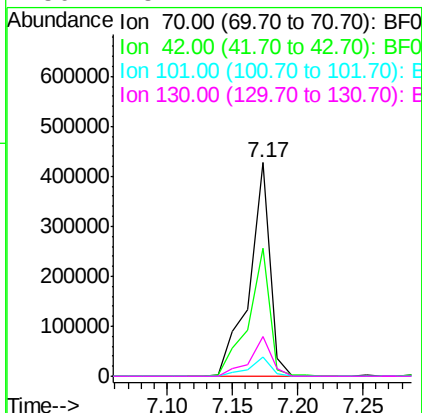




#19
n-Nitroso-di-n-propylamine
Concen: 41.28 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

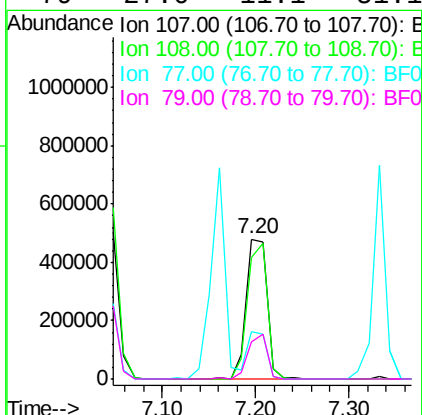
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

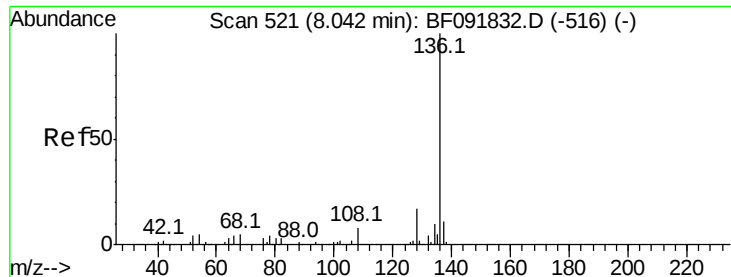
Tot Ion:	70	Resp:	473860
Ion	Ratio	Lower	Upper
70	100		
42	59.7	49.4	74.0
101	8.7	7.4	11.2
130	18.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 48.00 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion:	107	Resp:	740252
Ion	Ratio	Lower	Upper
107	100		
108	87.3	73.0	113.0
77	34.1	71.3	111.3#
79	27.0	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 979576

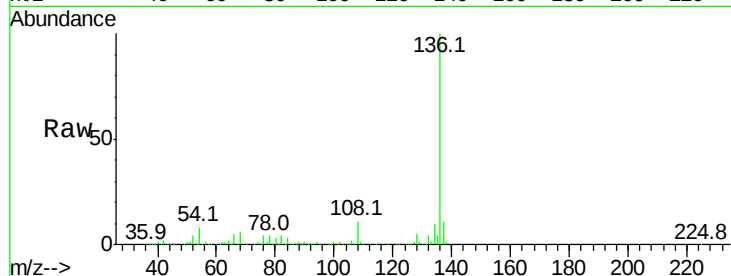
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.1 4.5 6.7#

68 6.1 3.6 5.4#

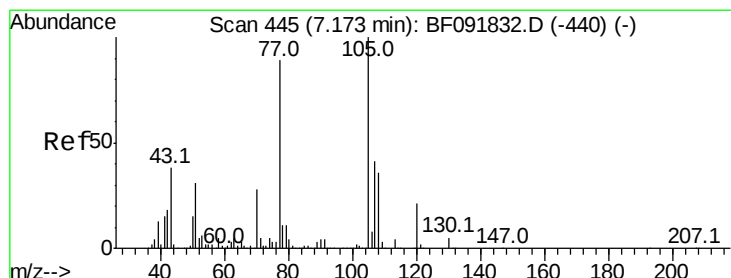
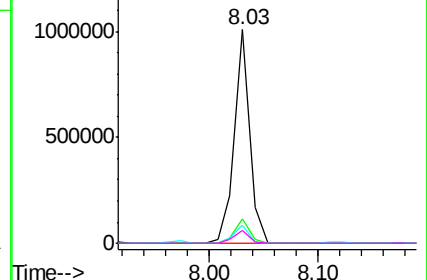
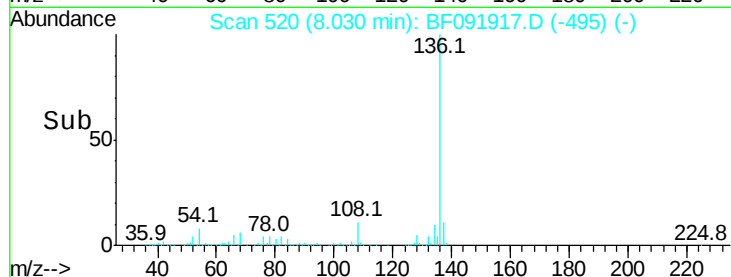


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.50 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Tgt Ion:105 Resp: 978561

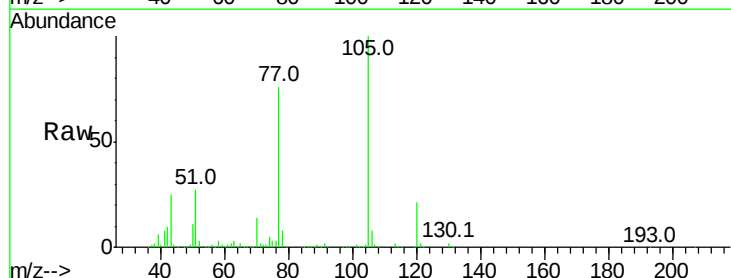
Ion Ratio Lower Upper

105 100

71 2.3 3.2 4.8#

51 26.9 26.2 39.4

120 20.9 16.6 24.8

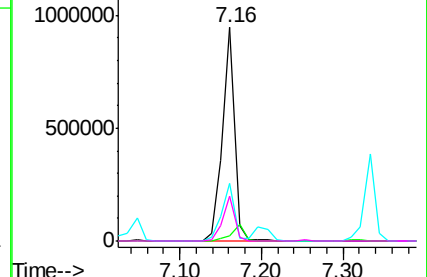
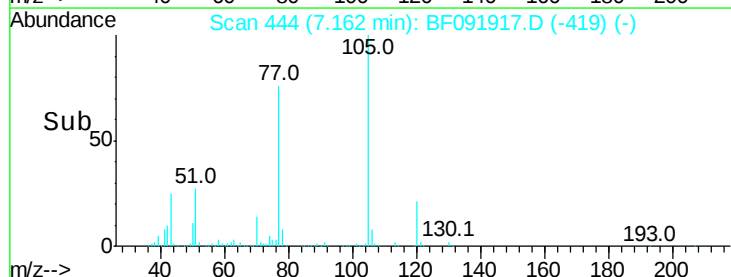


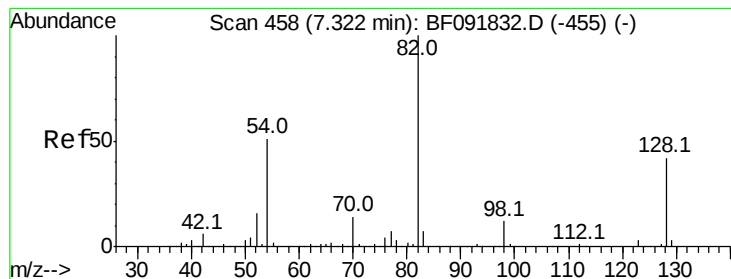
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.25 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

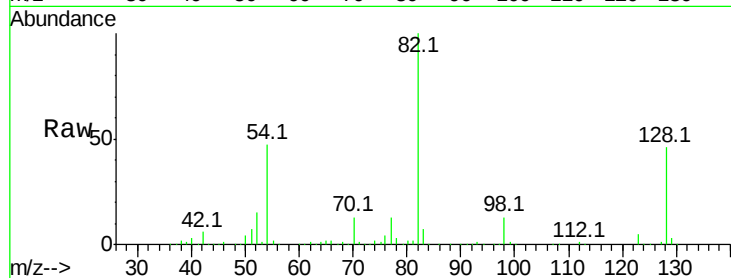
Tot Ion: 82 Resp: 1449021

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	52.0
54	47.0	39.5	59.3

82 100

128 45.6 34.6 52.0

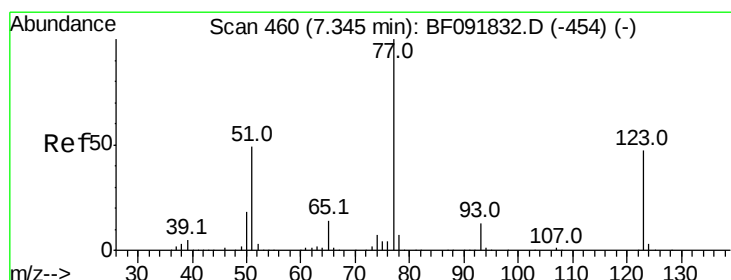
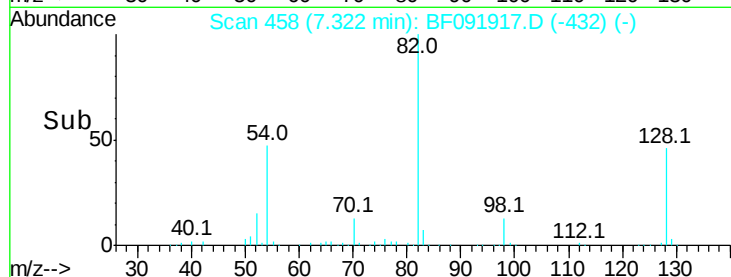
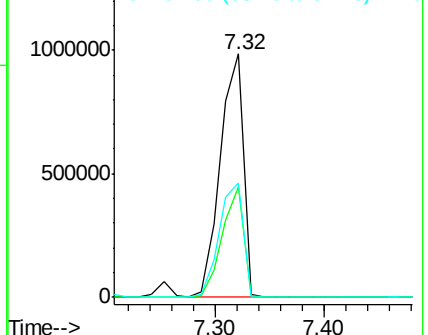
54 47.0 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.83 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

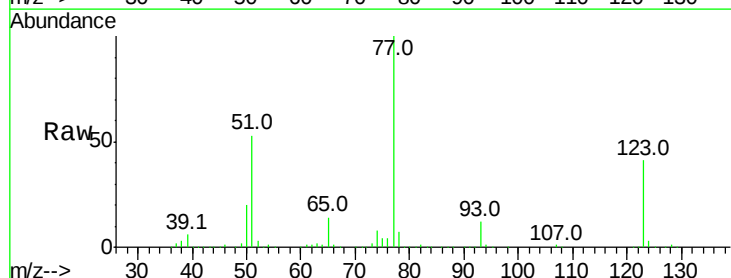
Tgt Ion: 77 Resp: 672189

Ion	Ratio	Lower	Upper
77	100		
123	41.3	33.0	49.4
65	14.1	11.2	16.8

77 100

123 41.3 33.0 49.4

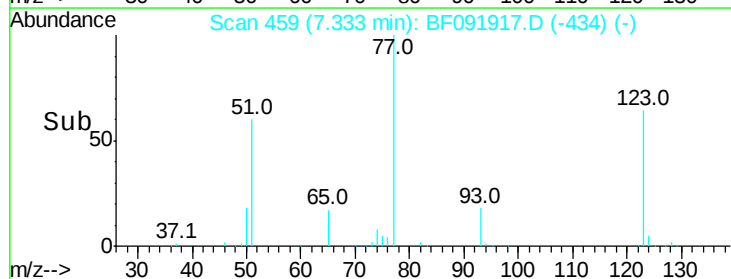
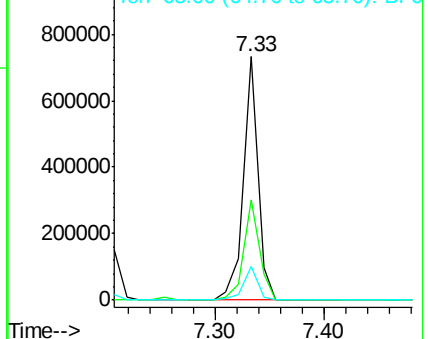
65 14.1 11.2 16.8

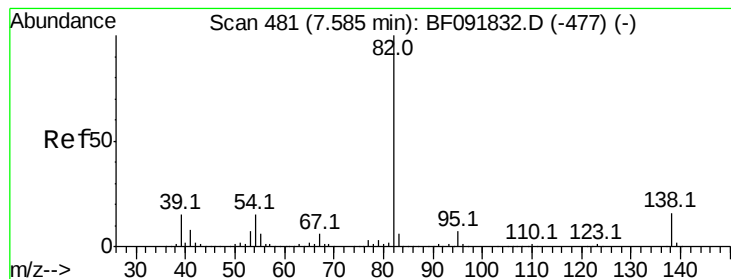


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.30 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

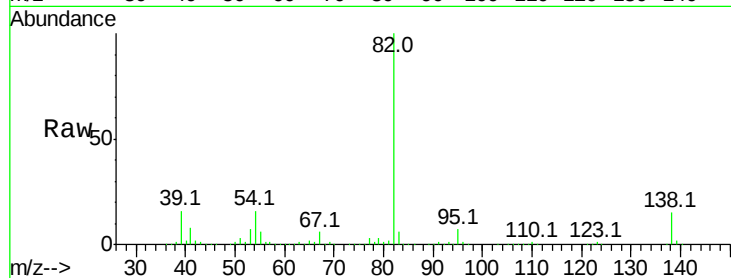
Tot Ion: 82 Resp: 1179930

Ion Ratio Lower Upper

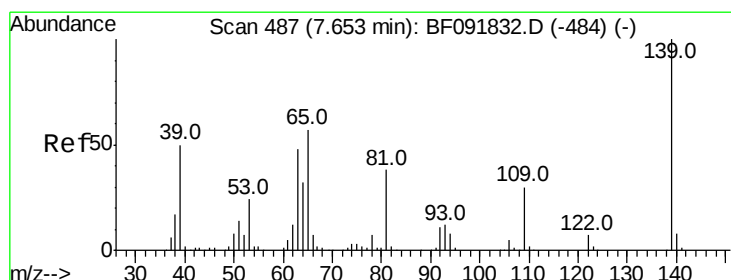
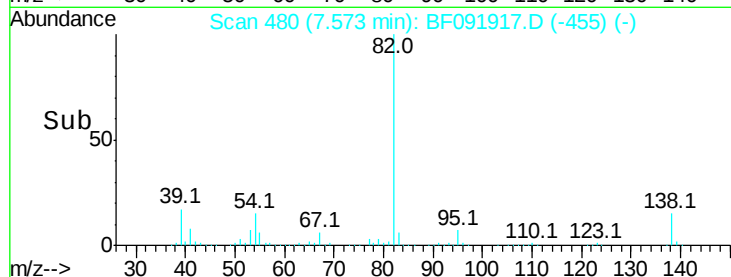
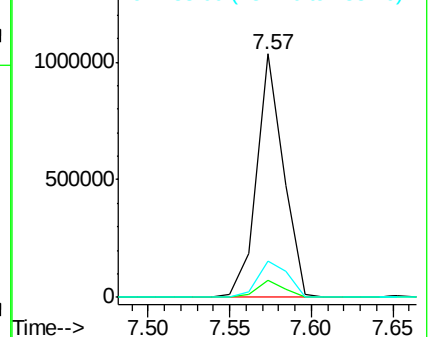
82 100

95 6.9 5.6 8.4

138 14.9 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: 42.40 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

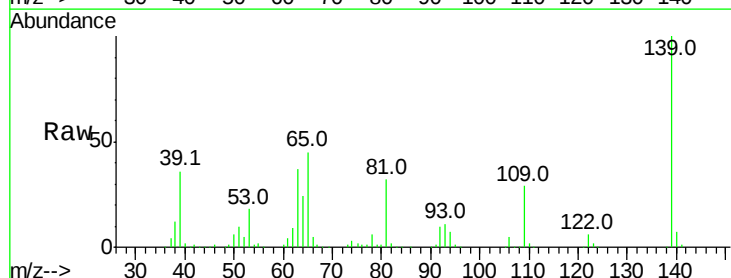
Tgt Ion:139 Resp: 392317

Ion Ratio Lower Upper

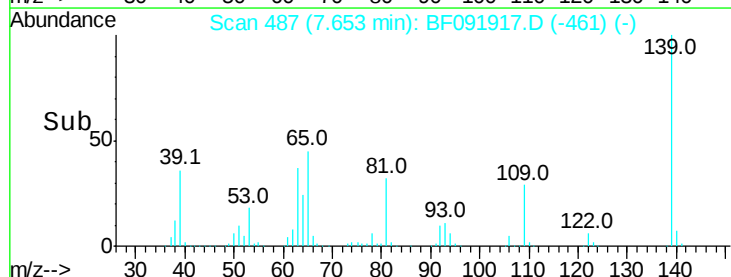
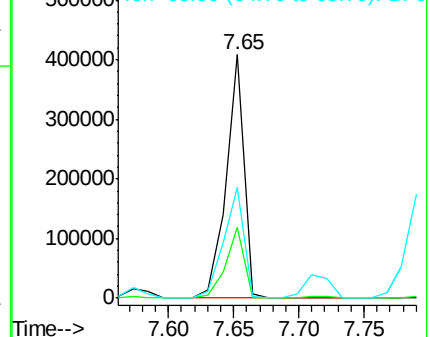
139 100

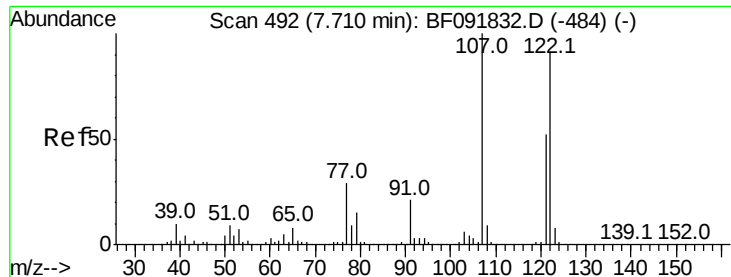
109 29.0 23.3 34.9

65 45.4 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 36.46 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

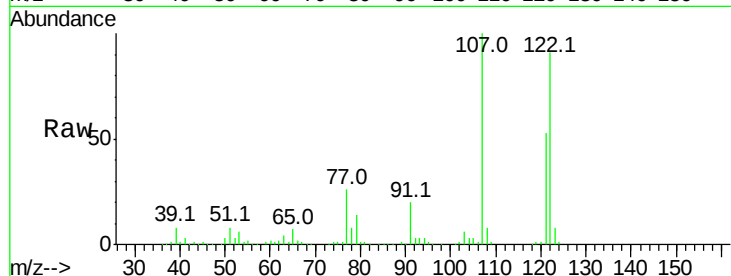
Tot Ion:122 Resp: 559575

Ion Ratio Lower Upper

122 100

107 110.0 94.1 141.1

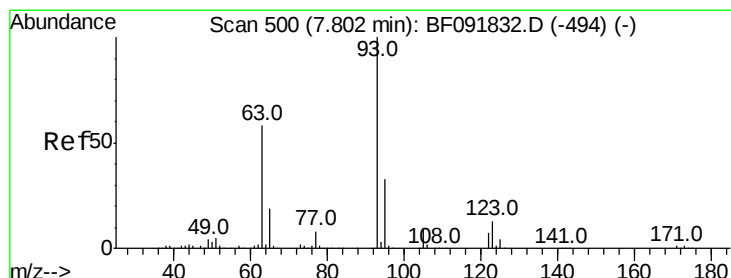
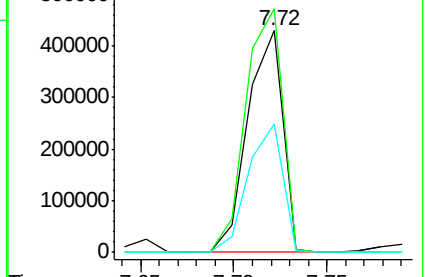
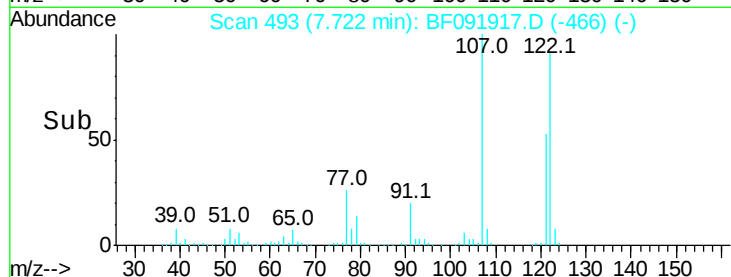
121 58.3 46.0 69.0



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: 38.92 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

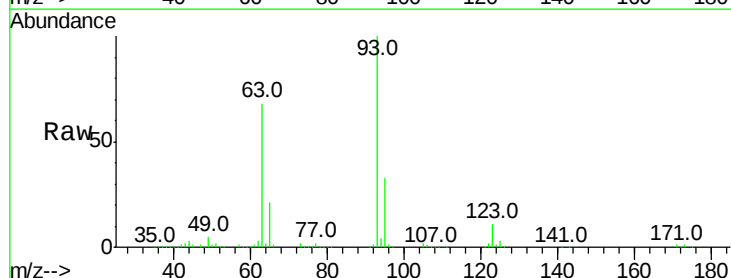
Tgt Ion: 93 Resp: 767169

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

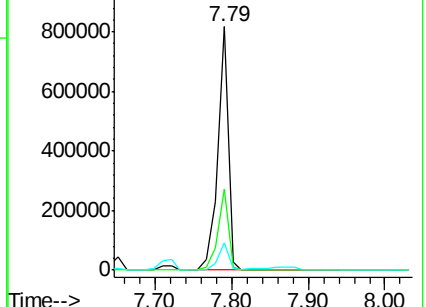
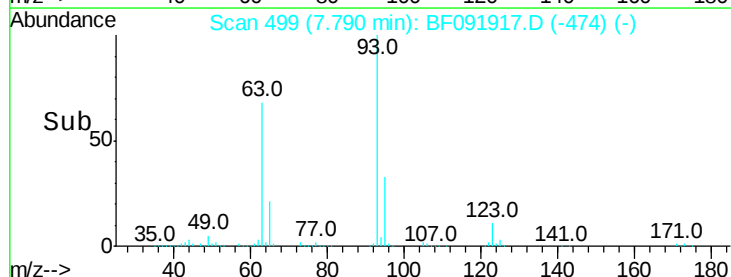
123 11.0 8.6 13.0

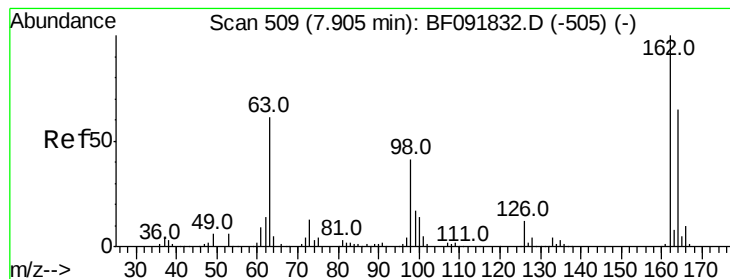


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.93 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

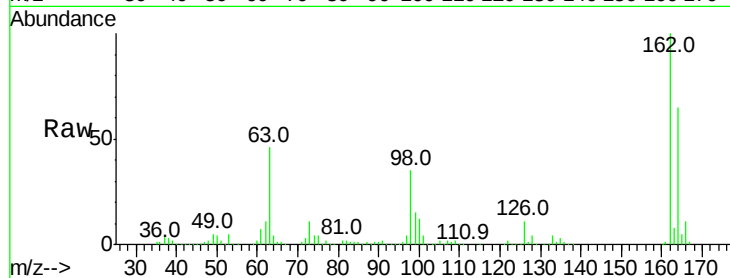
Tot Ion:162 Resp: 531838

Ion Ratio Lower Upper

162 100

164 65.3 46.8 86.8

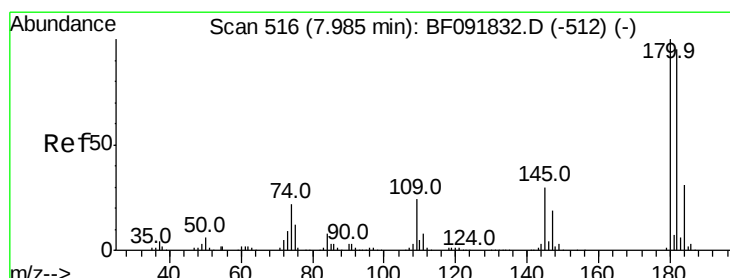
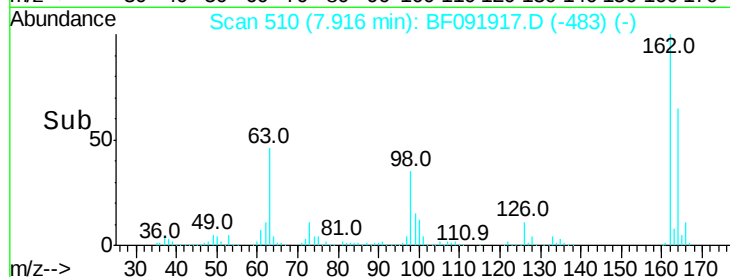
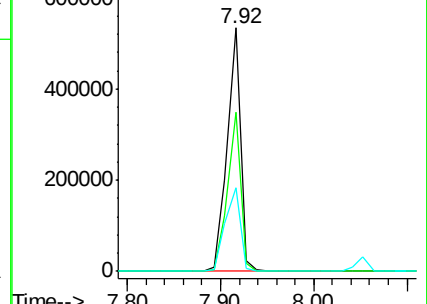
98 34.5 9.1 49.1



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: 38.43 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

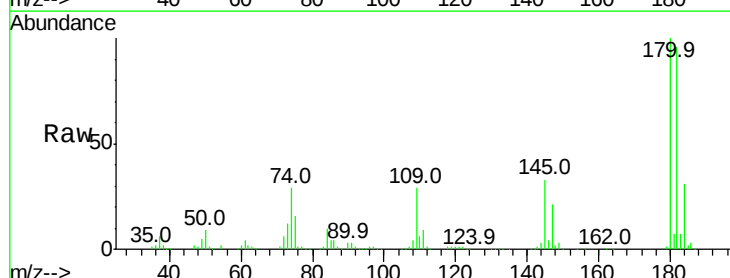
Tgt Ion:180 Resp: 547320

Ion Ratio Lower Upper

180 100

182 96.2 78.2 117.4

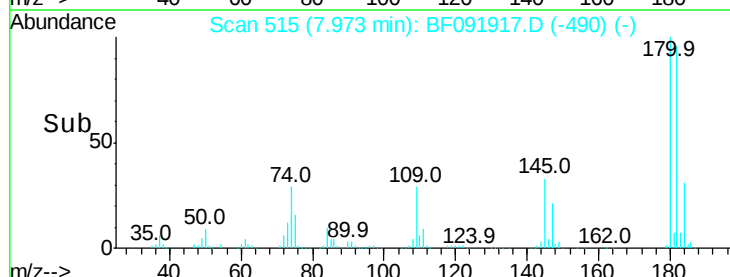
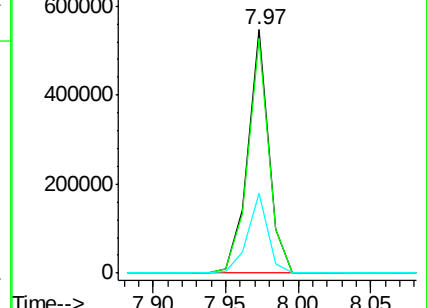
145 33.0 21.6 32.4#

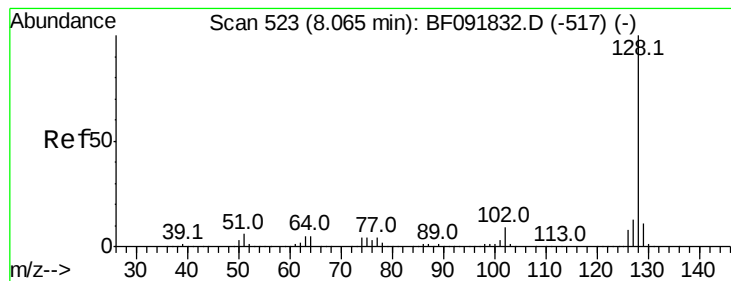


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.70 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

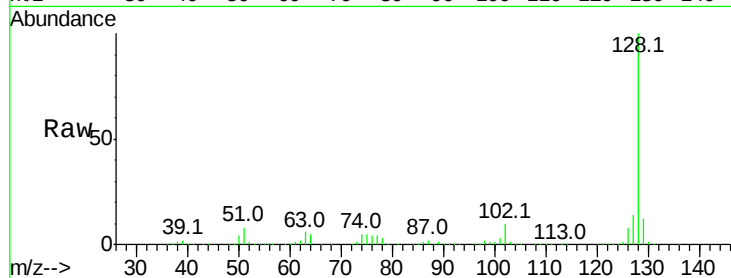
Tot Ion:128 Resp: 1824892

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

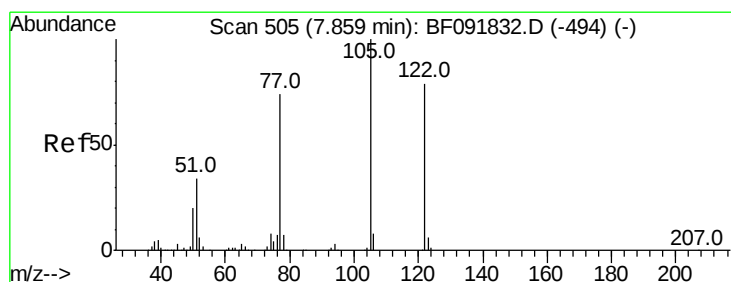
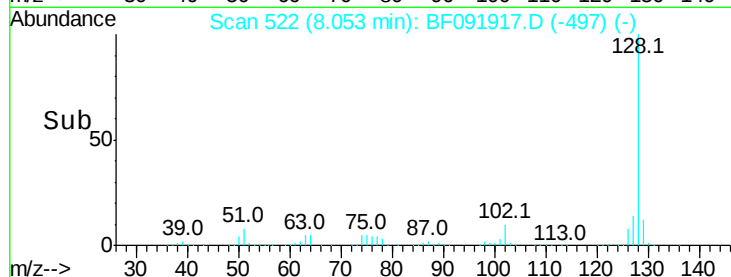
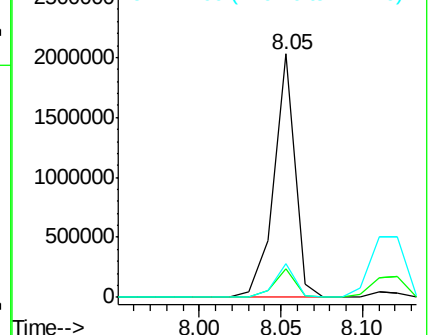
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.92 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.02 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

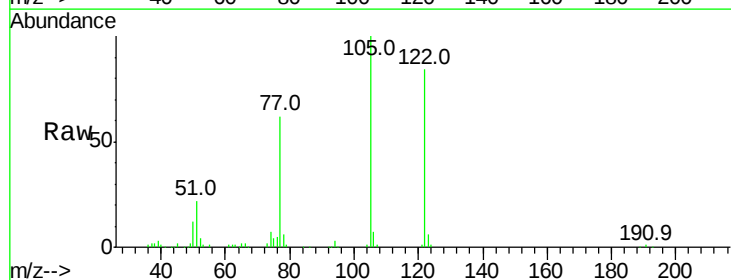
Tgt Ion:122 Resp: 477171

Ion Ratio Lower Upper

122 100

105 119.6 107.2 147.2

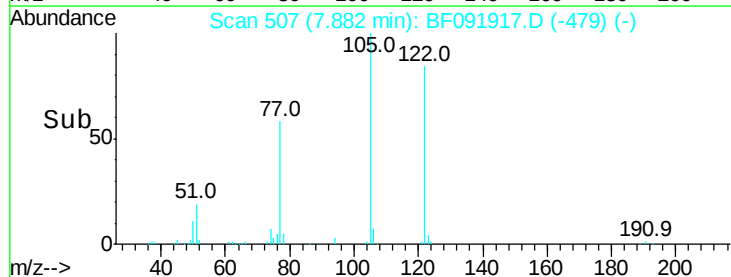
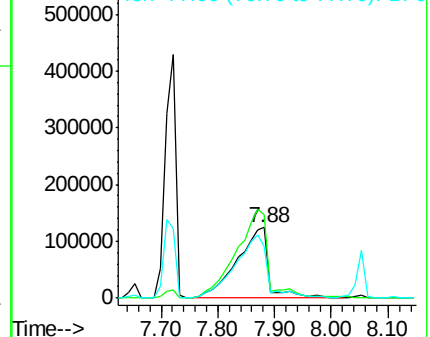
77 73.8 74.5 114.5#

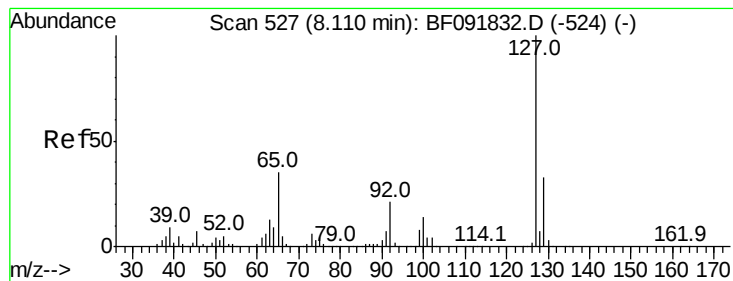


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.21 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 772399

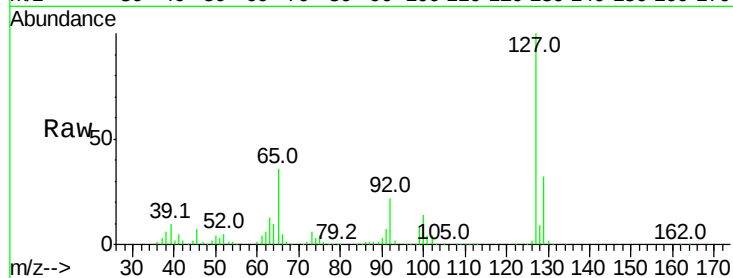
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 36.3 25.8 38.8

92 21.5 16.1 24.1

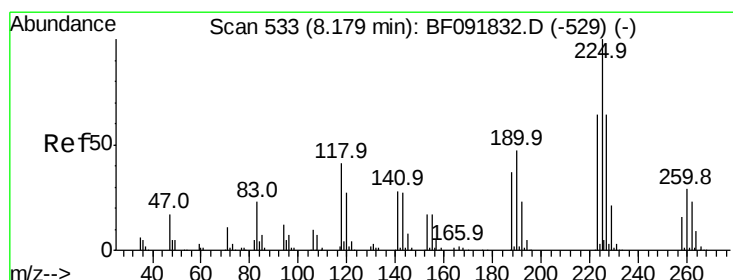
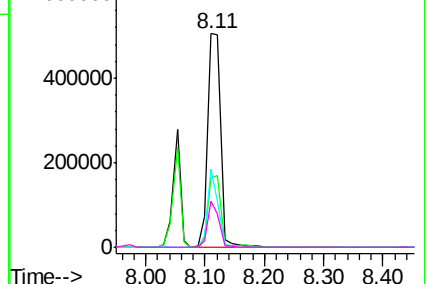
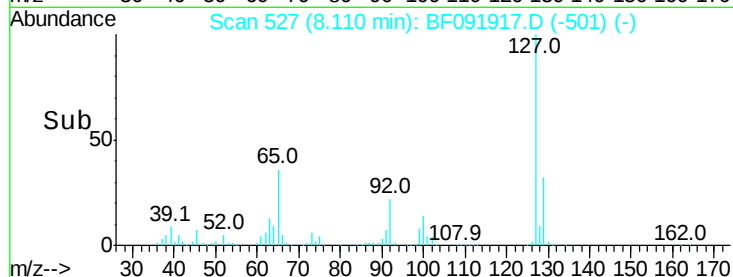


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.53 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

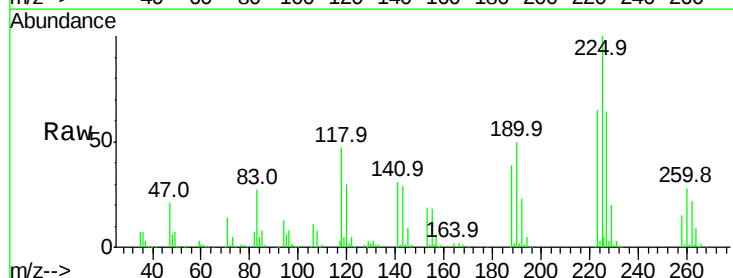
Tgt Ion:225 Resp: 297152

Ion Ratio Lower Upper

225 100

223 64.6 51.0 76.6

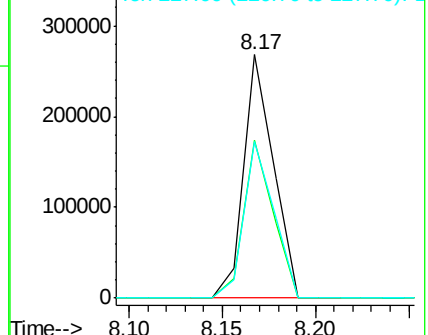
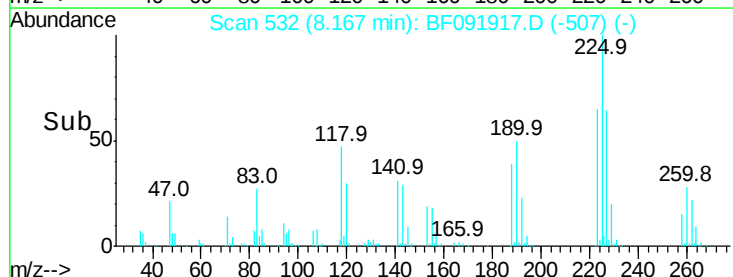
227 64.1 50.6 76.0

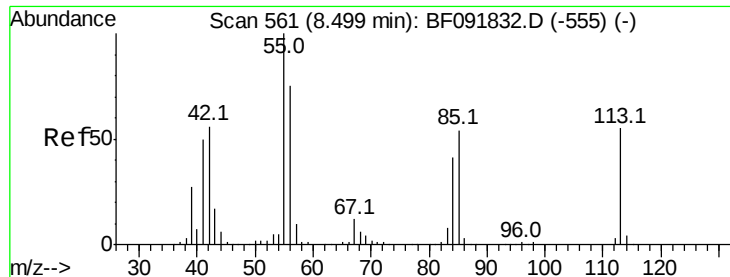


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.67 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

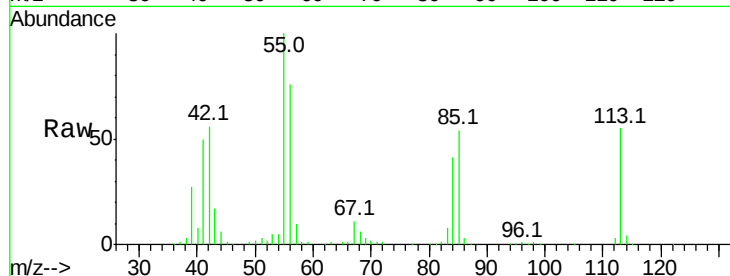
Tot Ion:113 Resp: 160850

Ion Ratio Lower Upper

113 100

55 181.9 119.2 159.2#

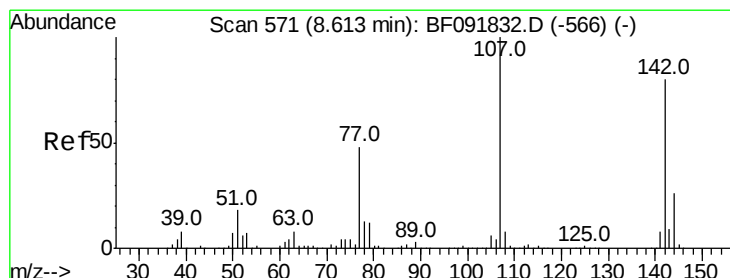
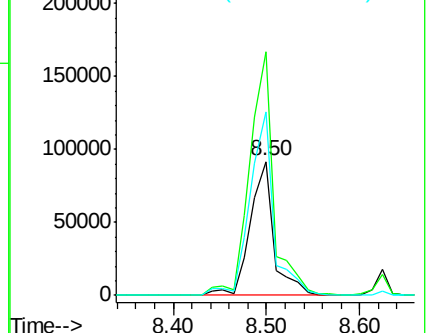
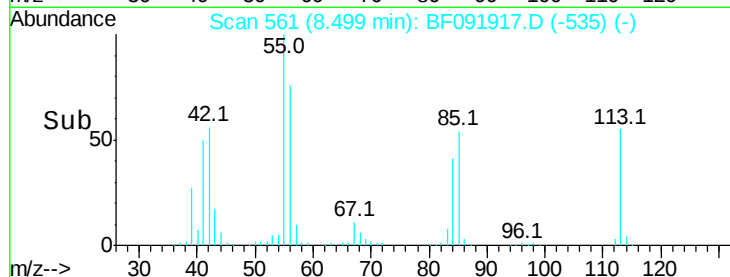
56 137.4 83.8 123.8#



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: 38.77 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

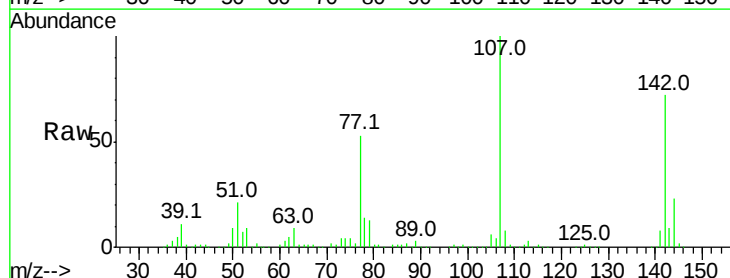
Tgt Ion:107 Resp: 579786

Ion Ratio Lower Upper

107 100

144 23.2 19.3 28.9

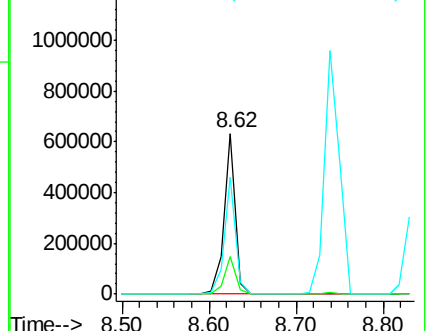
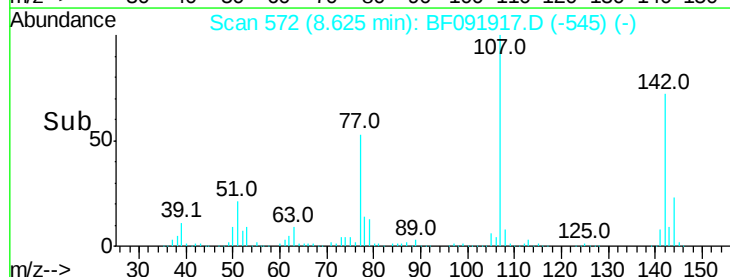
142 72.3 59.0 88.6

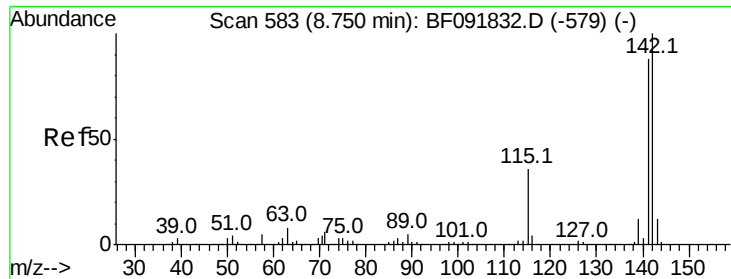


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

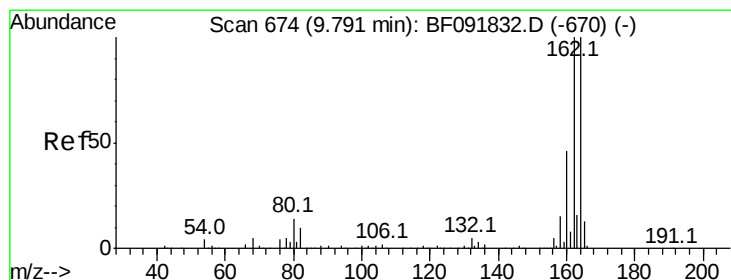
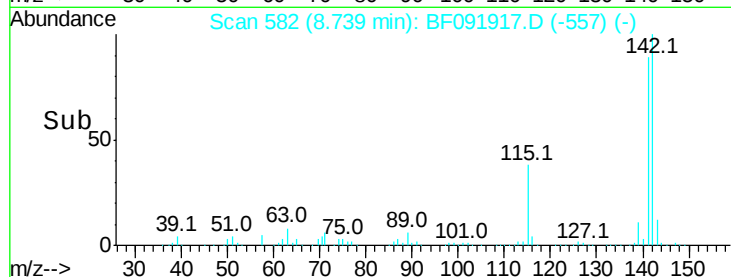
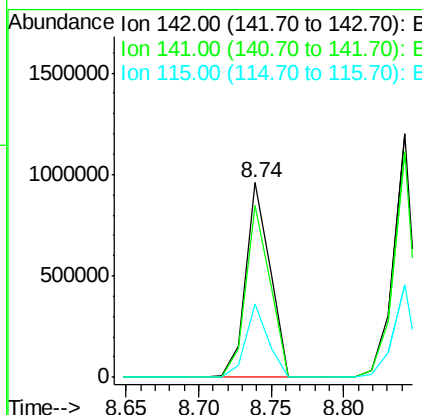
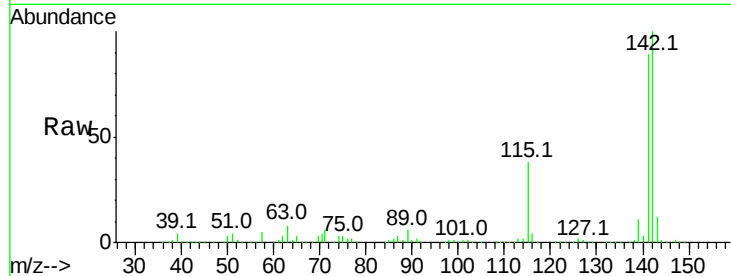




#37
 2-Methylnaphthalene
 Concen: 39.12 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

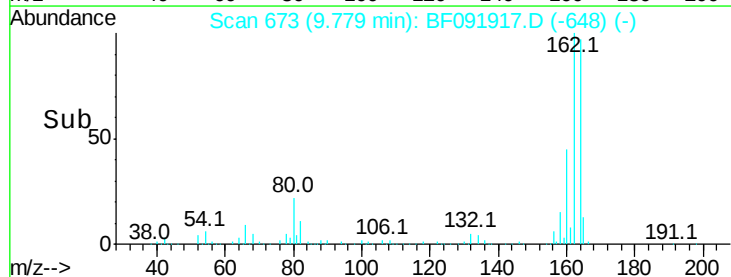
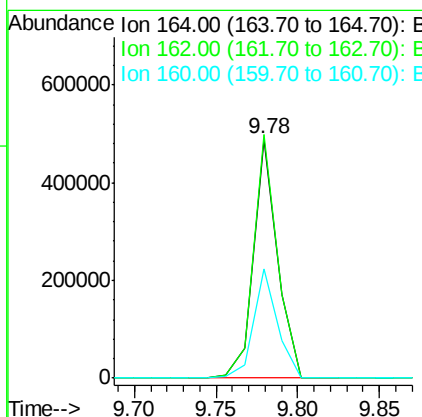
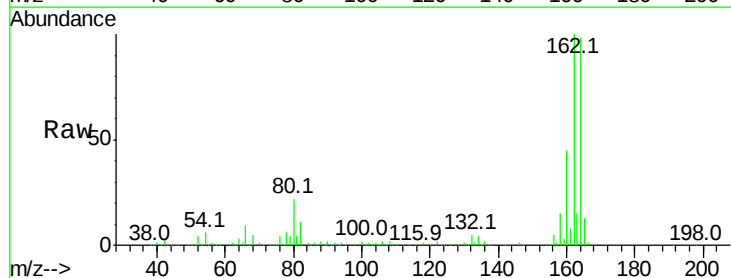
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

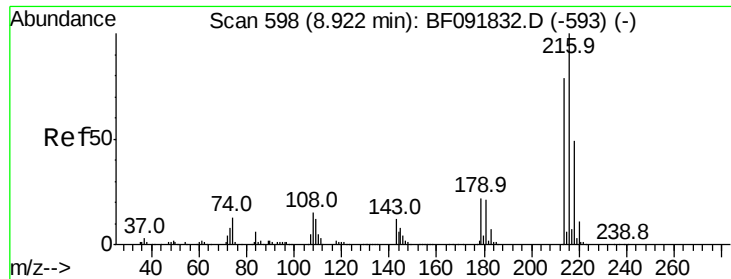
Tot Ion:142 Resp: 1113458
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.0 106.6
 115 37.6 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

Tgt Ion:164 Resp: 499450
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.2 120.2
 160 45.5 36.9 55.3

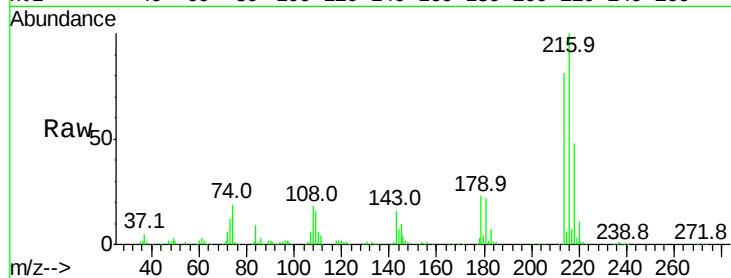




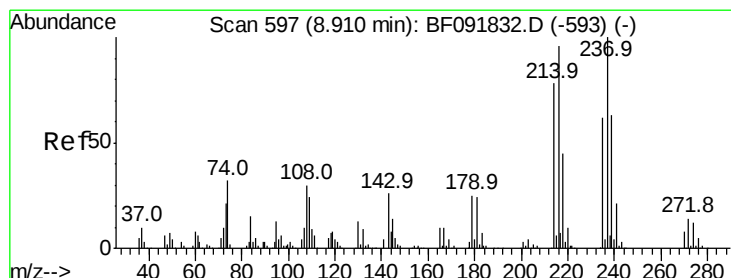
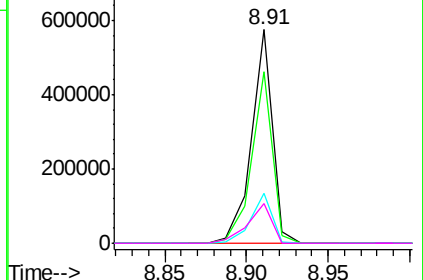
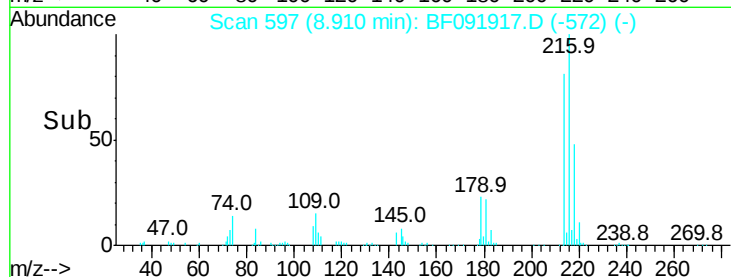
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.62 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	216	Resp:	512529
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.0
179	23.5	17.4	26.2
108	21.6	15.6	23.4

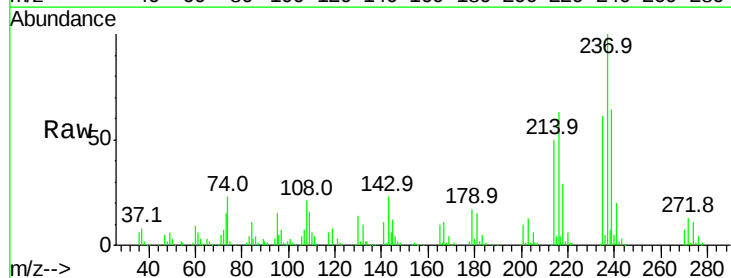


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

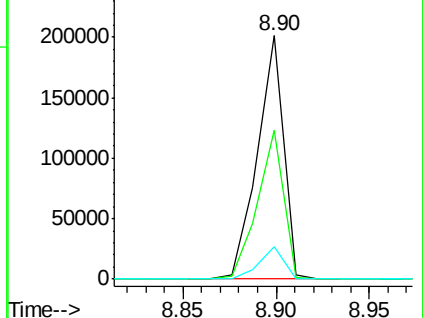
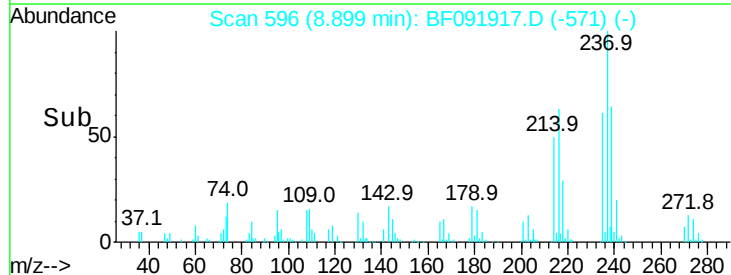


#40
Hexachlorocyclopentadiene
Concen: 36.93 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion:	237	Resp:	194852
Ion	Ratio	Lower	Upper
237	100		
235	61.0	41.2	81.2
272	13.2	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

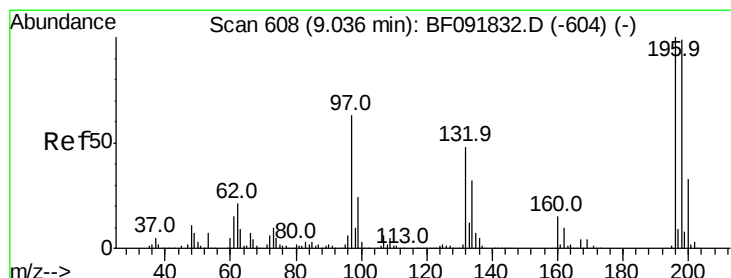
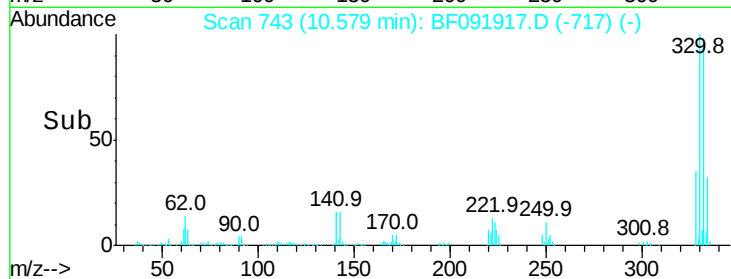
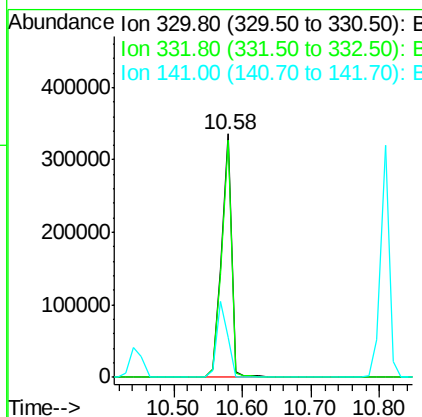
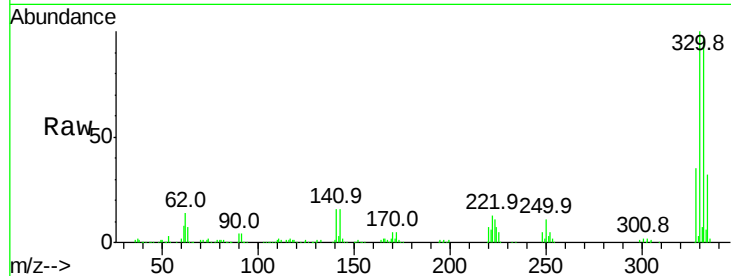




#41
 2,4,6-Tribromophenol
 Concen: 85.30 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

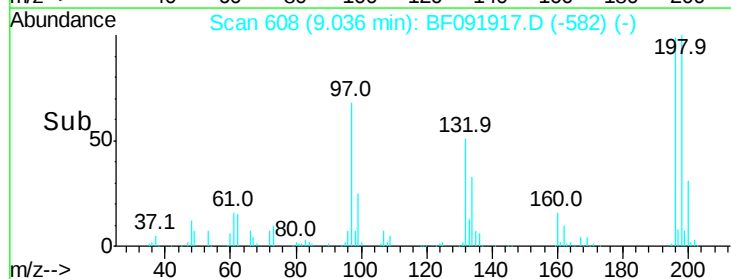
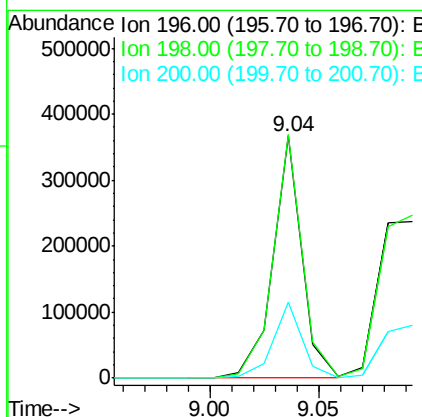
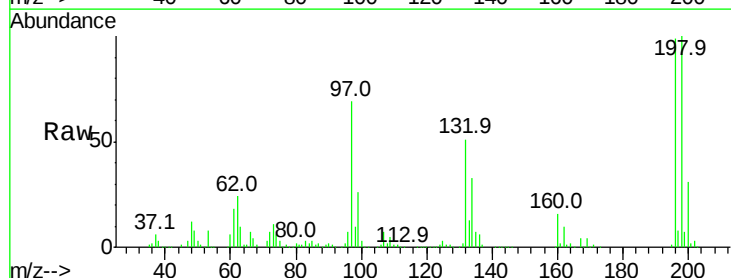
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	33.5	34.1	51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 38.91 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.7	82.1	123.1
200	31.4	27.0	40.4

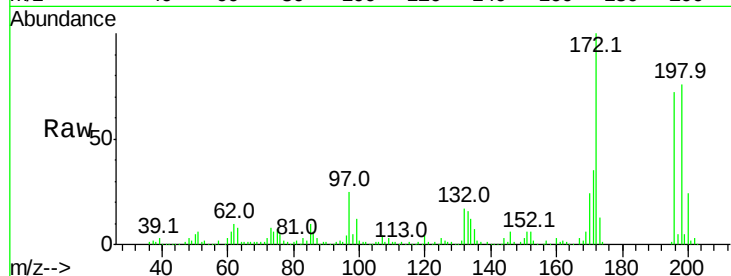




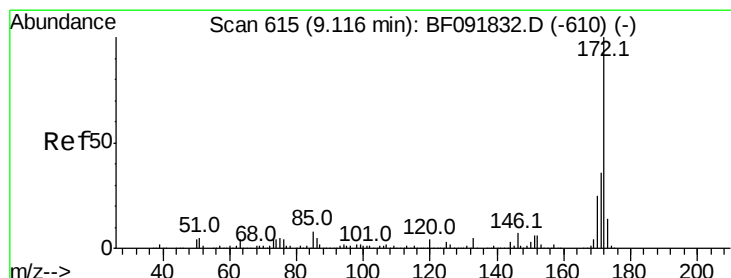
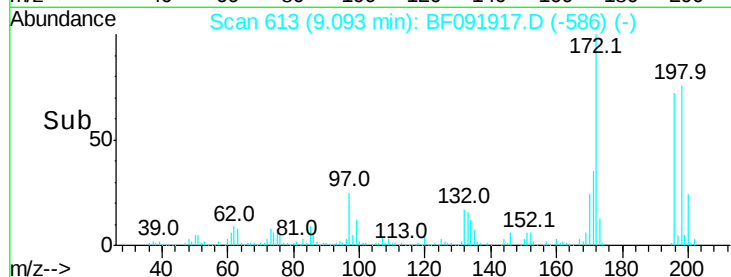
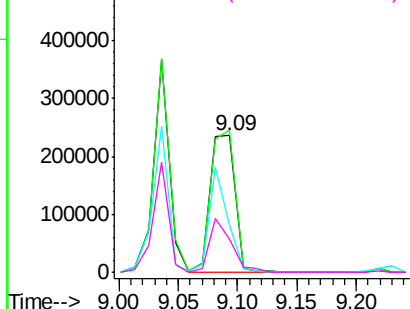
#43
 2,4,5-Trichlorophenol
 Concen: 37.62 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 341664
 Ion Ratio Lower Upper
 196 100
 198 104.2 79.4 119.2
 97 35.0 51.5 77.3#
 132 24.1 27.4 41.2#

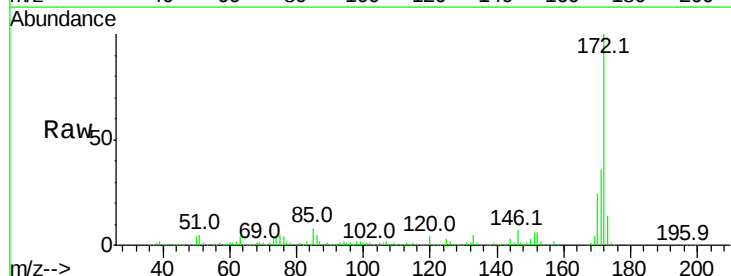


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

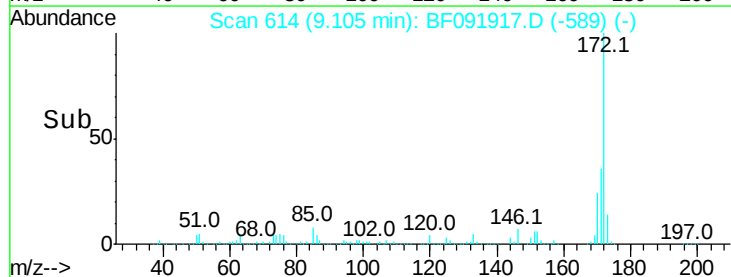
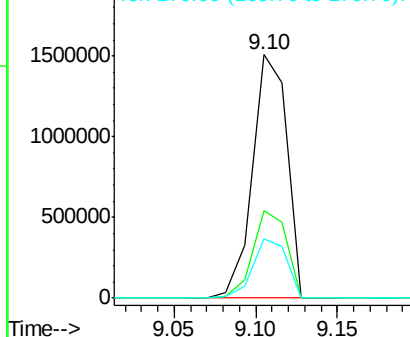


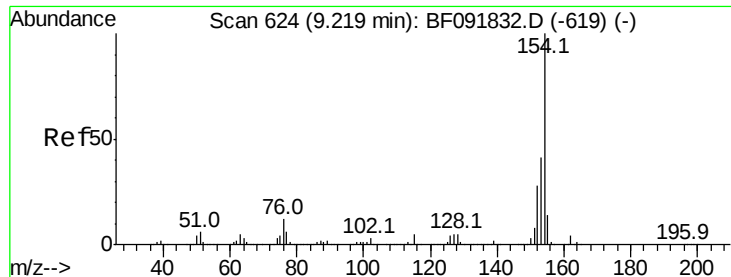
#44
 2-Fluorobiphenyl
 Concen: 91.19 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

Tgt Ion:172 Resp: 2199879
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.5 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: 39.35 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

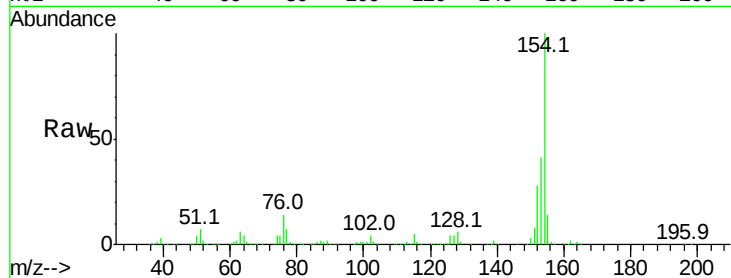
Tot Ion:154 Resp: 1345838

Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

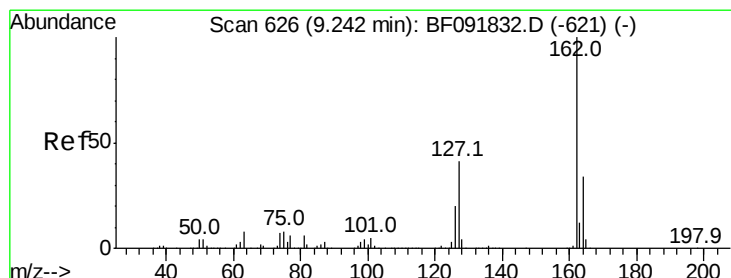
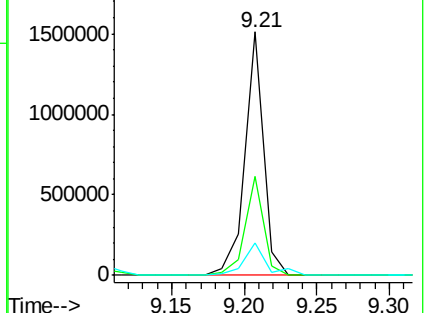
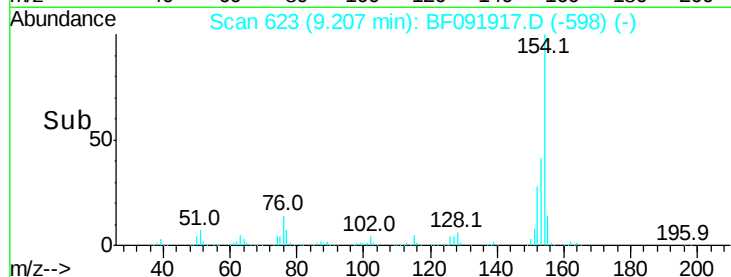
76 13.6 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 38.42 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

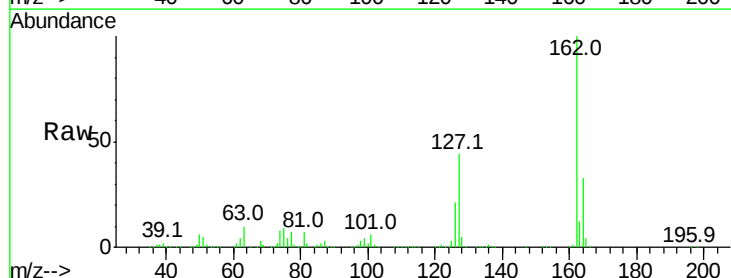
Tgt Ion:162 Resp: 1040384

Ion Ratio Lower Upper

162 100

127 44.3 30.7 46.1

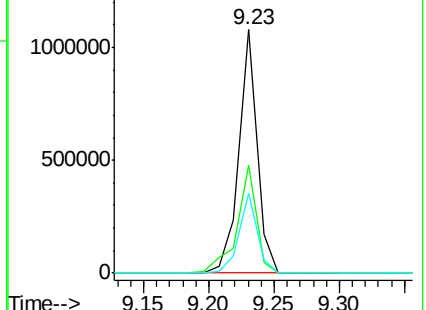
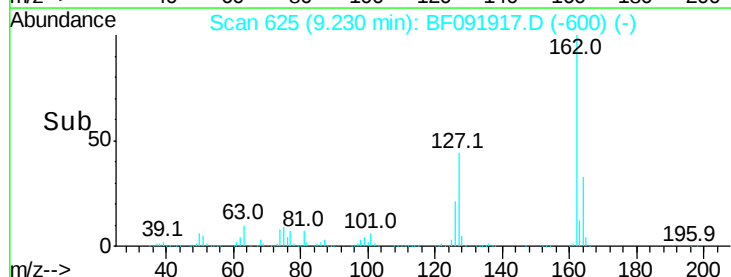
164 33.0 27.6 41.4

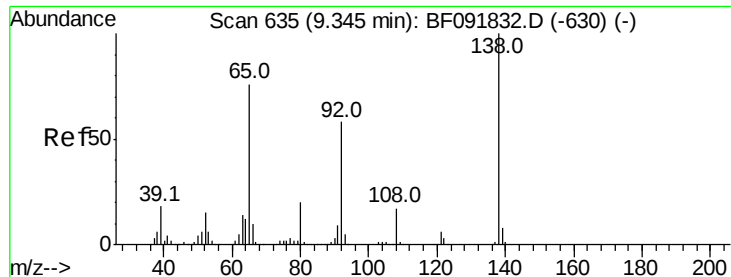


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

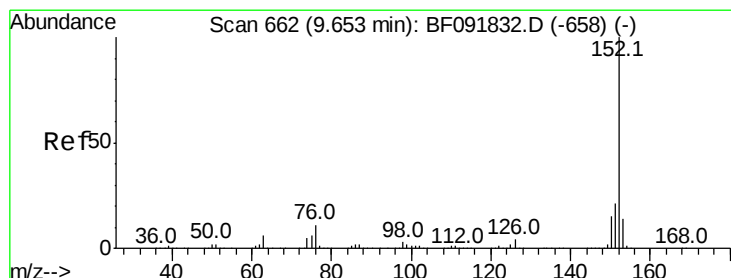
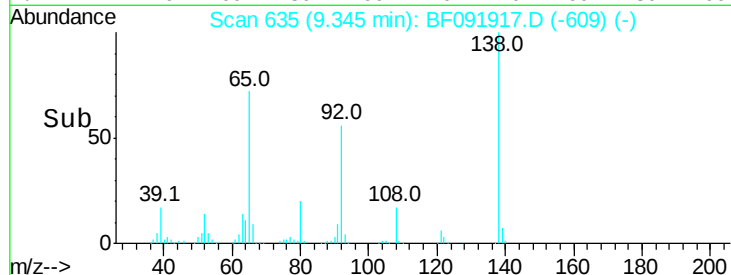
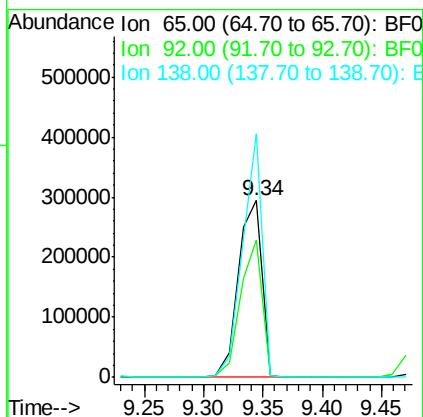
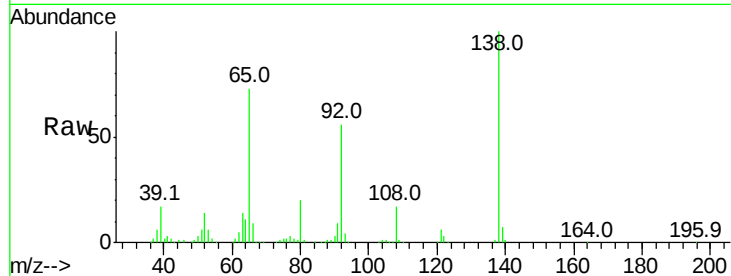




#47
2-Nitroaniline
Concen: 42.27 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

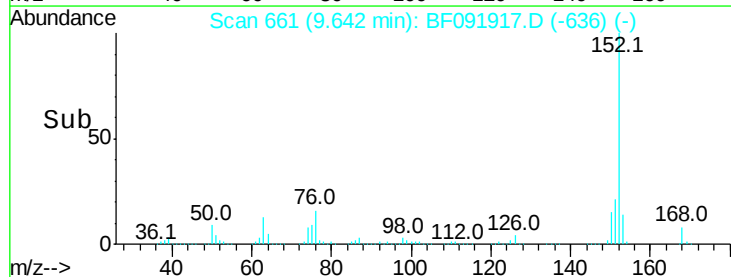
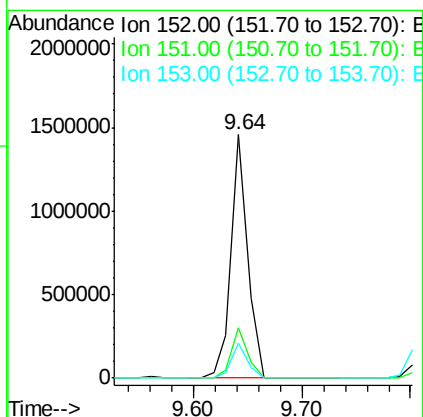
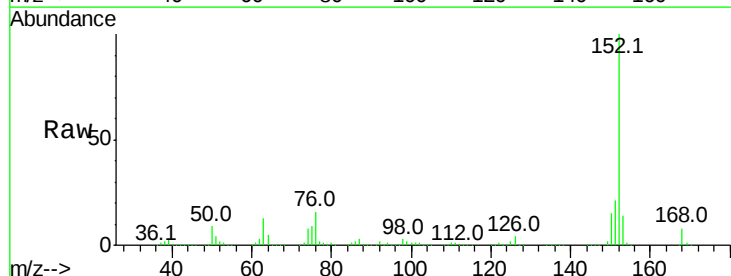
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

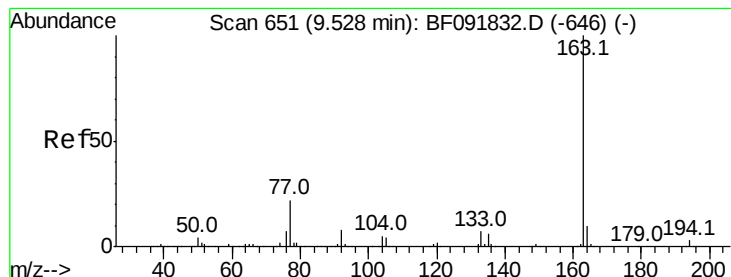
Tot Ion: 65 Resp: 407600
Ion Ratio Lower Upper
65 100
92 77.4 53.9 80.9
138 137.8 76.8 115.2#



#48
Acenaphthylene
Concen: 36.65 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion: 152 Resp: 1526610
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 37.77 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

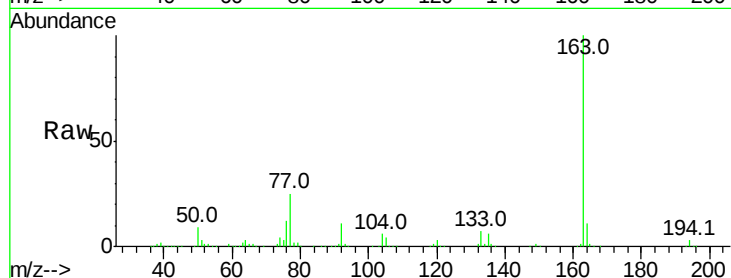
Tot Ion:163 Resp: 1206585

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

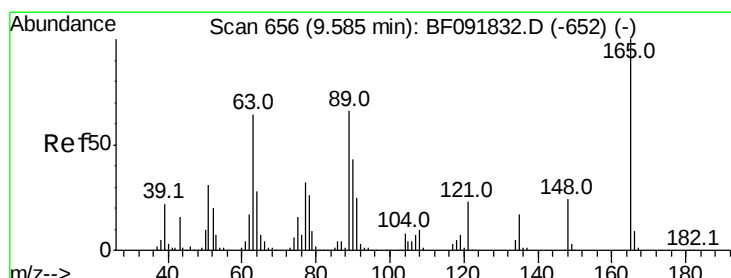
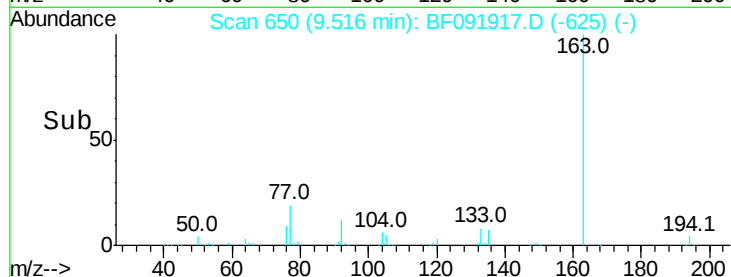
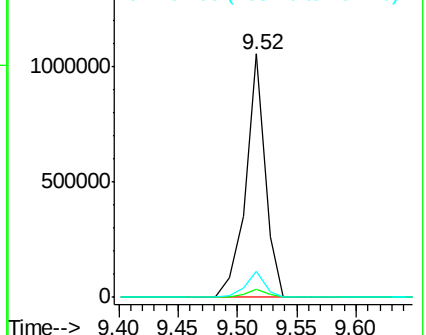
164 10.6 8.0 12.0



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: 41.34 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

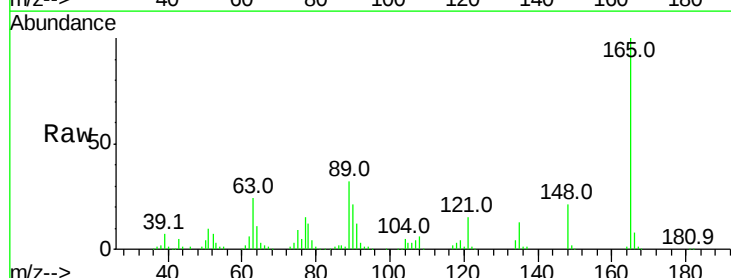
Tgt Ion:165 Resp: 289032

Ion Ratio Lower Upper

165 100

63 24.3 36.2 54.4#

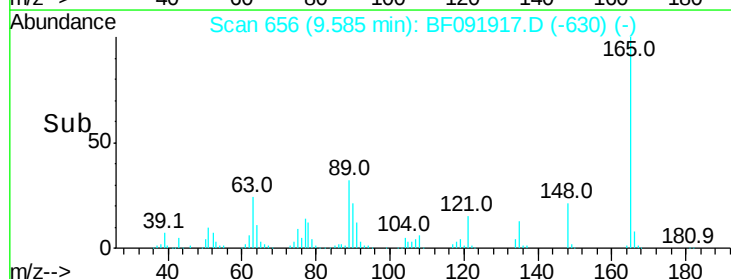
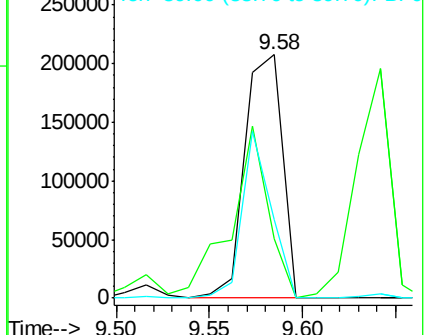
89 32.4 40.2 60.4#

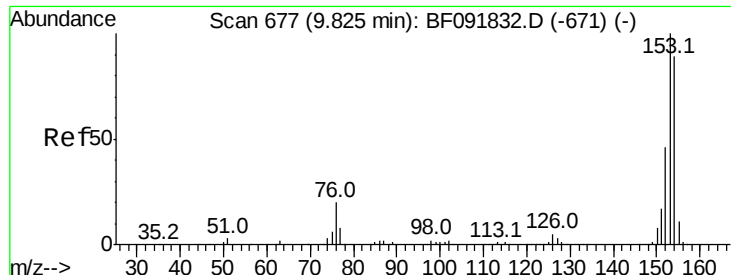


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.59 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

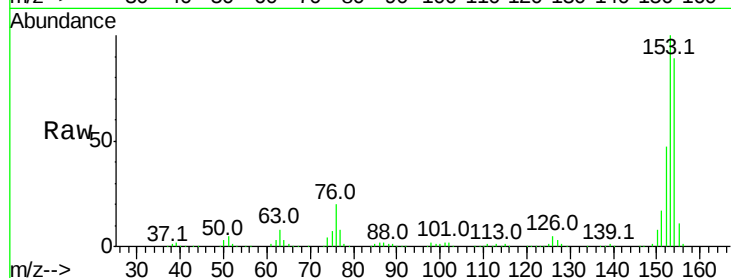
Tot Ion:154 Resp: 1033219

Ion Ratio Lower Upper

154 100

153 112.8 88.6 133.0

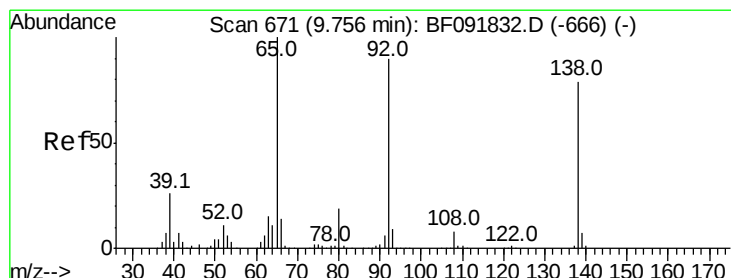
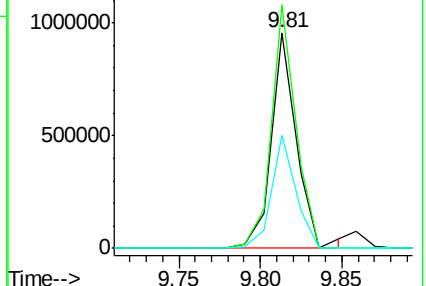
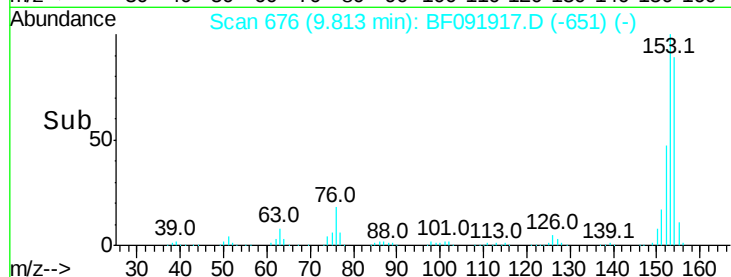
152 52.5 41.6 62.4



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: 43.57 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

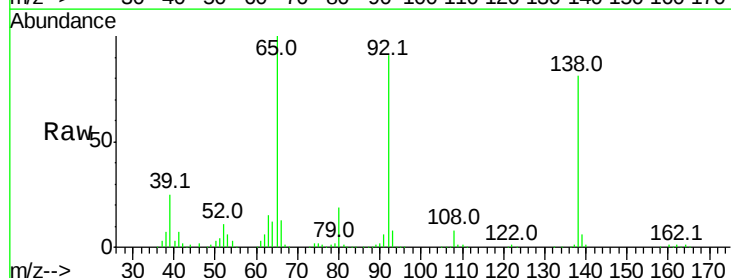
Tgt Ion:138 Resp: 376956

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

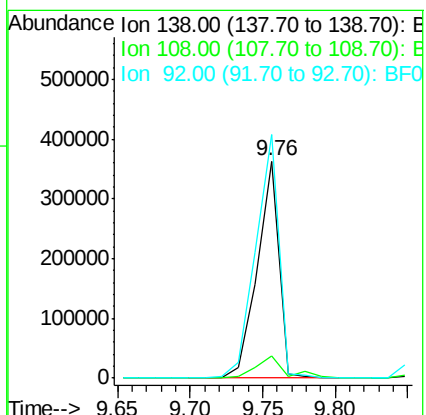
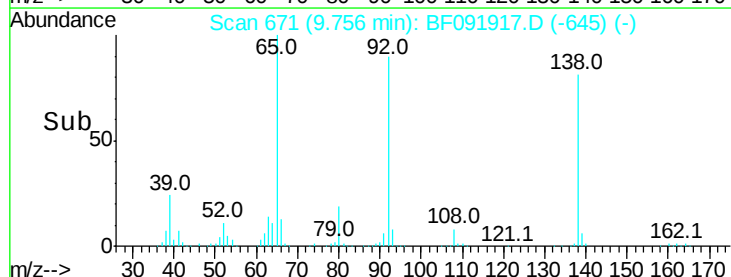
92 112.2 97.8 146.8

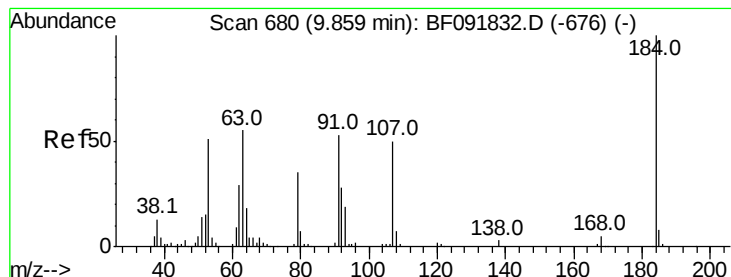


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 37.06 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

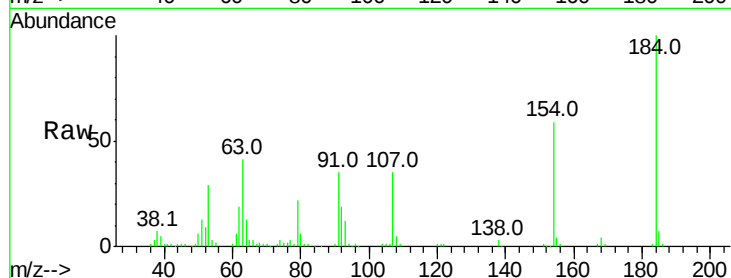
Tot Ion:184 Resp: 144192

Ion Ratio Lower Upper

184 100

63 41.3 28.4 42.6

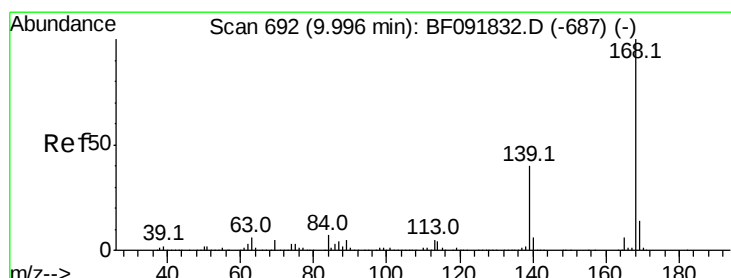
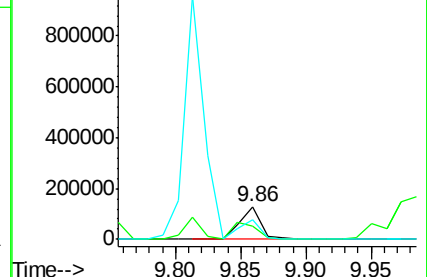
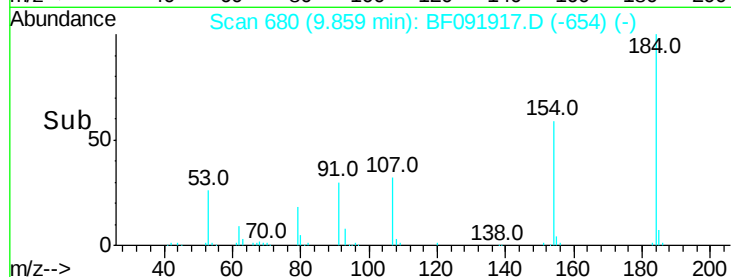
154 59.0 44.3 66.5



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: 33.46 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

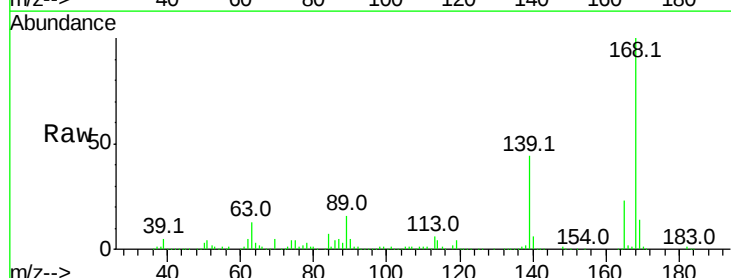
Tgt Ion:168 Resp: 1276062

Ion Ratio Lower Upper

168 100

139 44.2 32.6 49.0

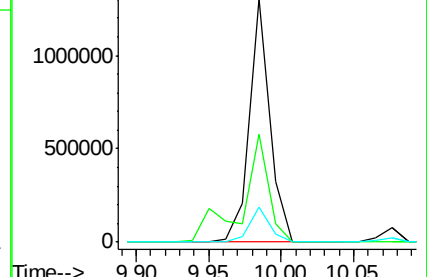
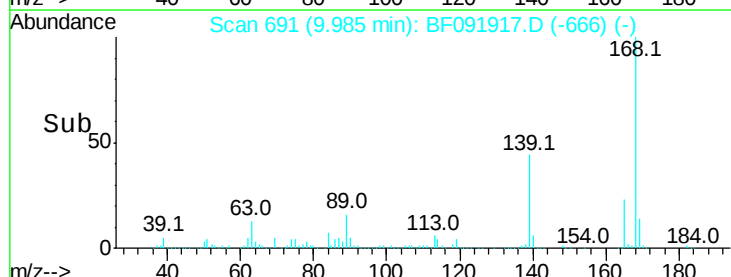
169 14.1 11.3 16.9

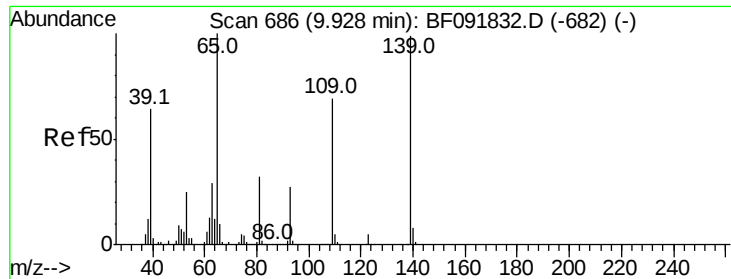


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

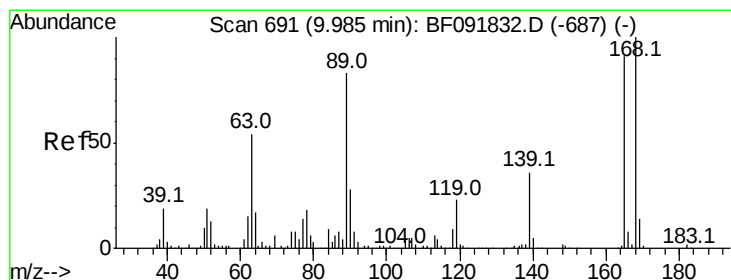
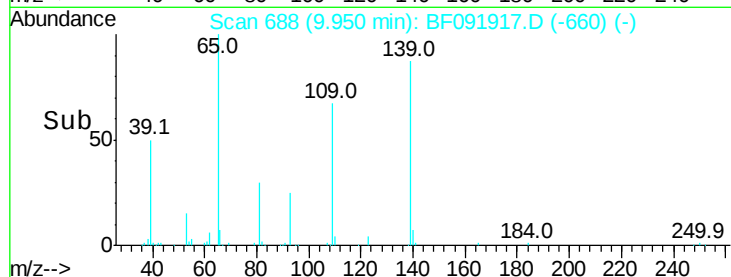
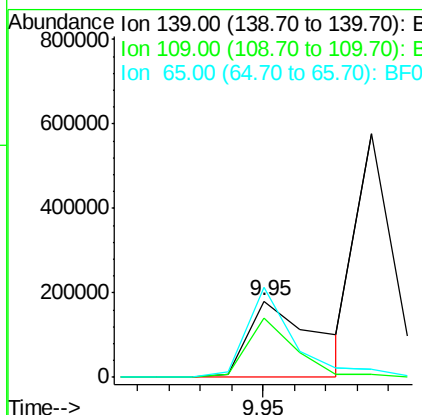
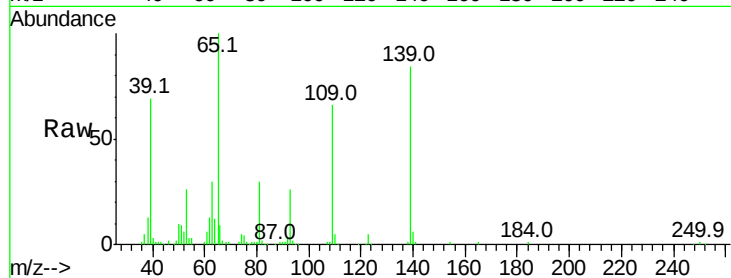




#55
4-Nitrophenol
Concen: 46.84 ng/ml
RT: 9.95 min Scan# 688
Delta R.T. 0.02 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

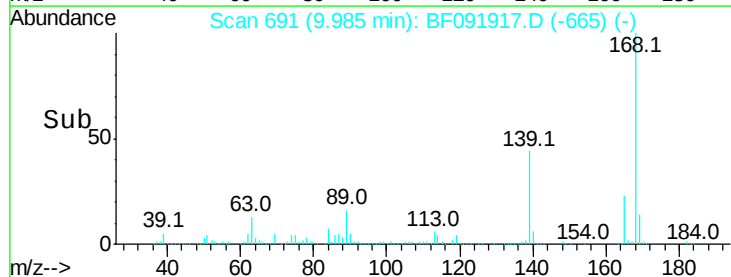
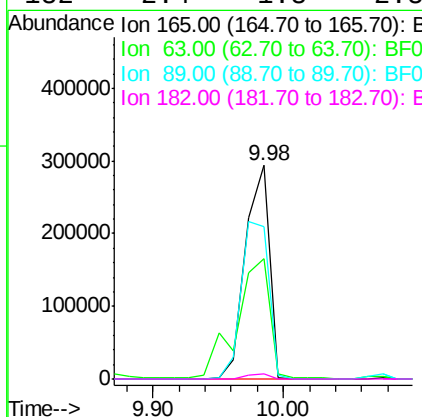
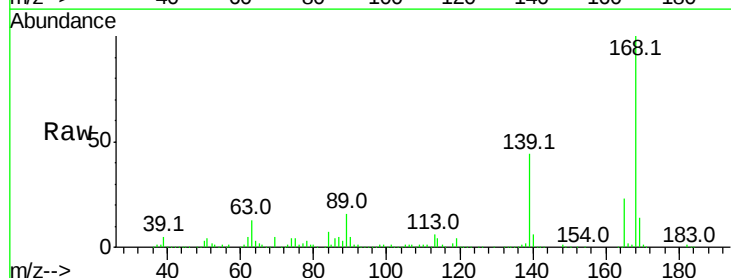
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

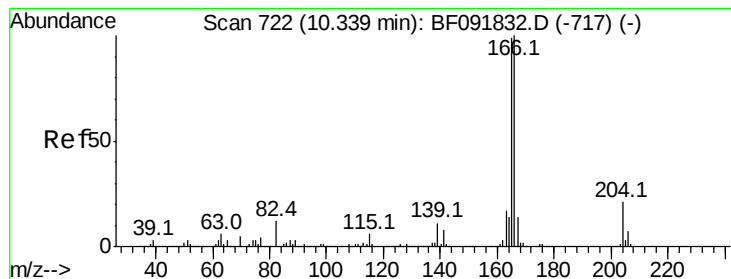
Tot Ion:139 Resp: 275206
Ion Ratio Lower Upper
139 100
109 78.0 52.2 92.2
65 118.5 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 42.70 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion:165 Resp: 374720
Ion Ratio Lower Upper
165 100
63 56.3 40.2 60.4
89 71.3 62.5 93.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 38.18 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

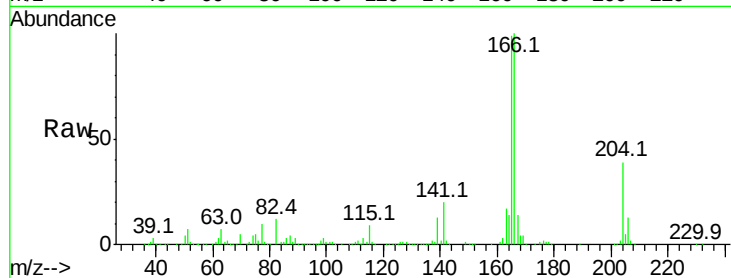
Tot Ion:166 Resp: 1059196

Ion Ratio Lower Upper

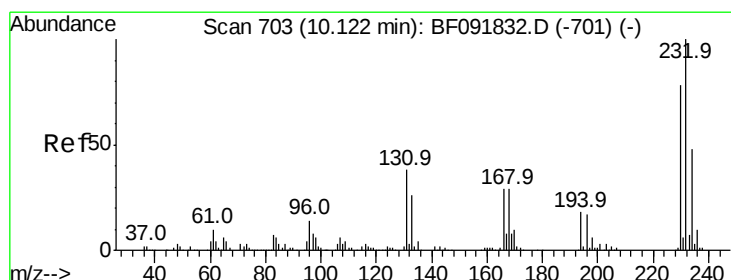
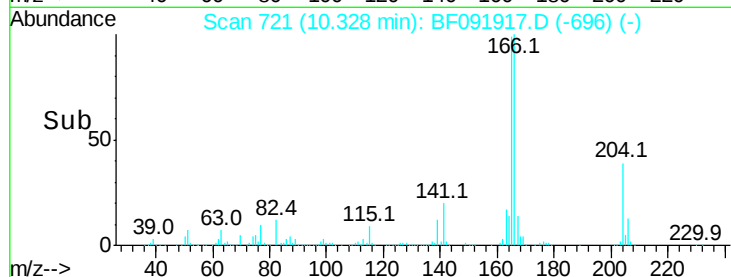
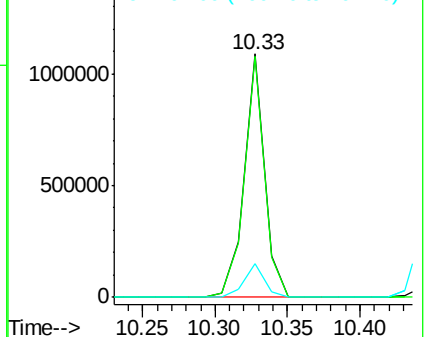
166 100

165 98.8 77.8 116.8

167 13.7 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: 39.01 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Tgt Ion:232 Resp: 280240

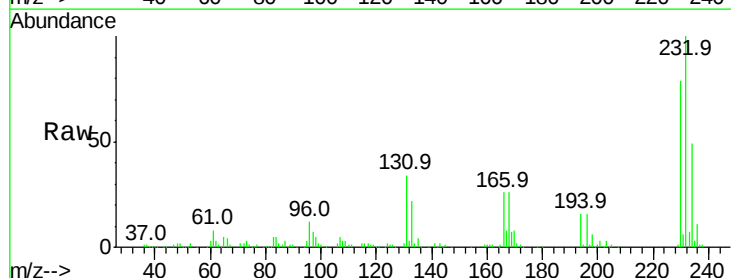
Ion Ratio Lower Upper

232 100

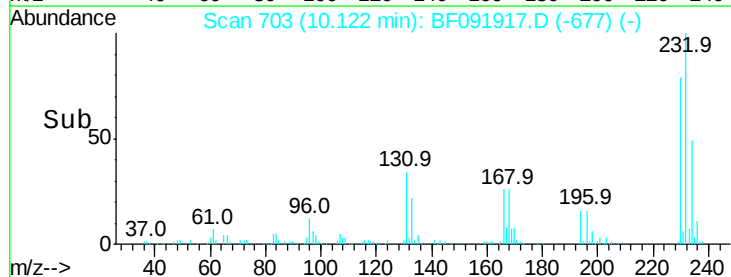
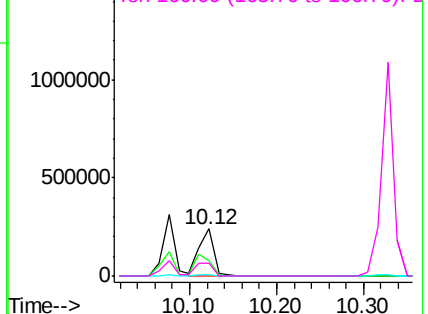
131 51.7 40.1 60.1

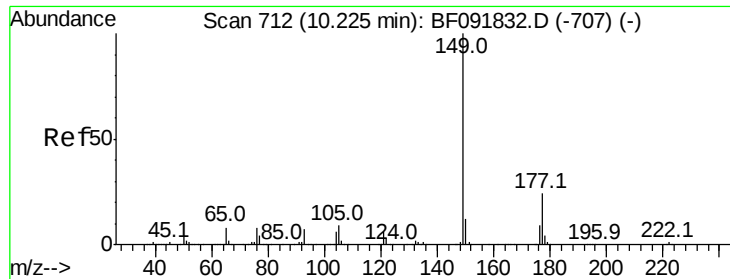
130 2.3 1.8 2.8

166 33.6 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

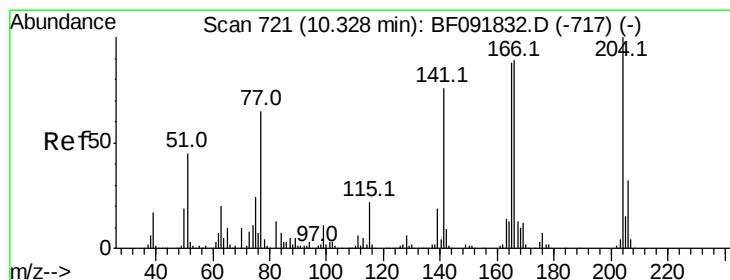
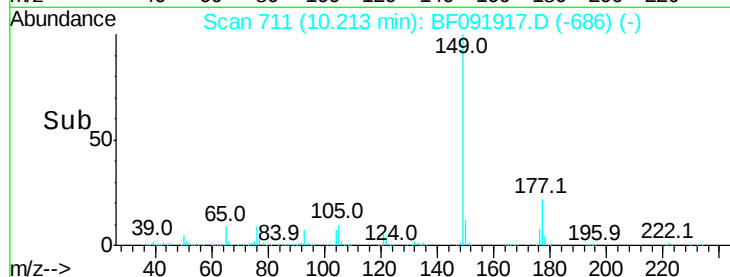
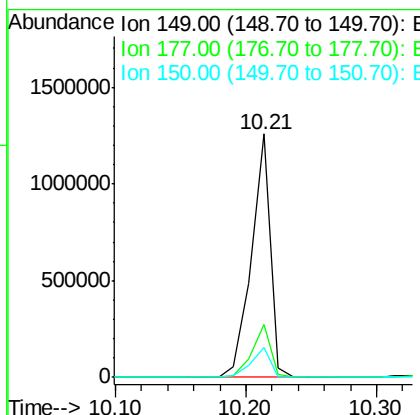
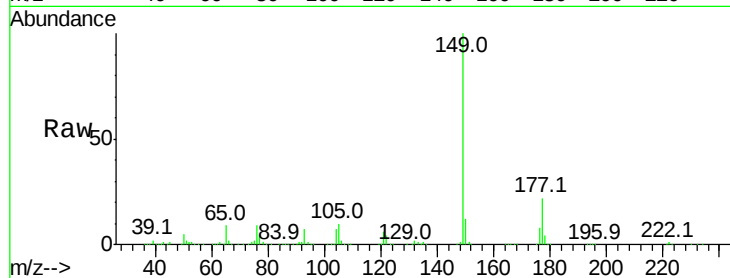




#59
Diethylphthalate
Concen: 40.83 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

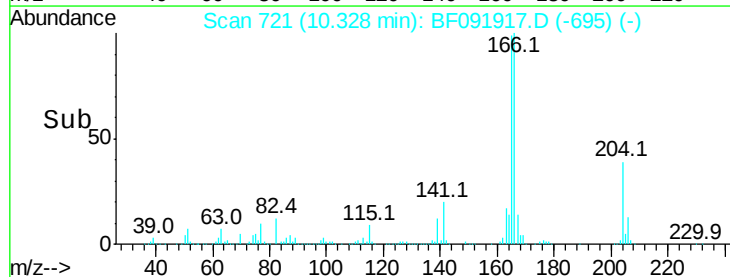
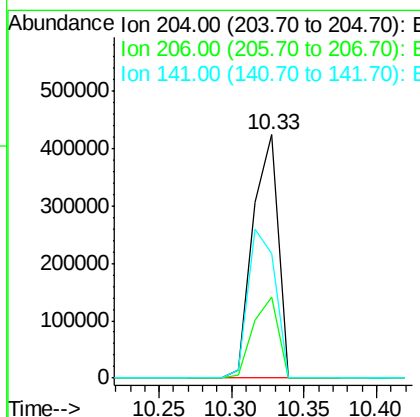
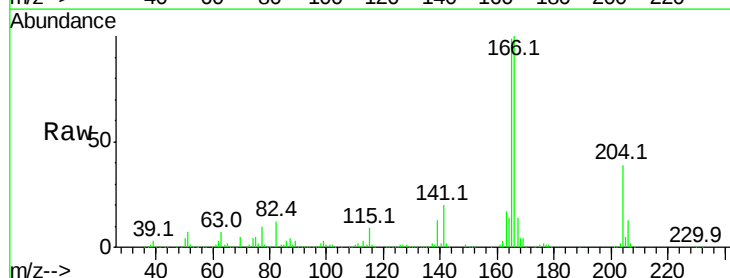
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

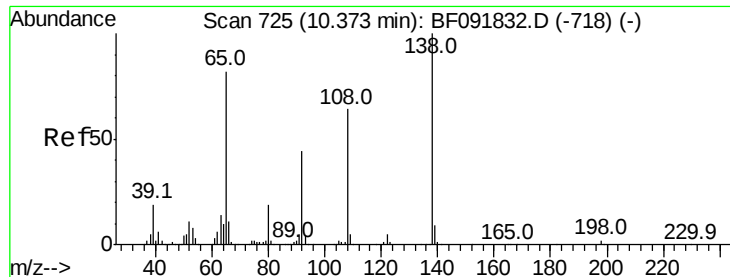
Tot Ion:149 Resp: 1266512
Ion Ratio Lower Upper
149 100
177 22.0 16.6 25.0
150 12.5 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 42.25 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion:204 Resp: 513244
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 51.3 59.4 89.0#





#61

4-Nitroaniline

Concen: 40.81 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

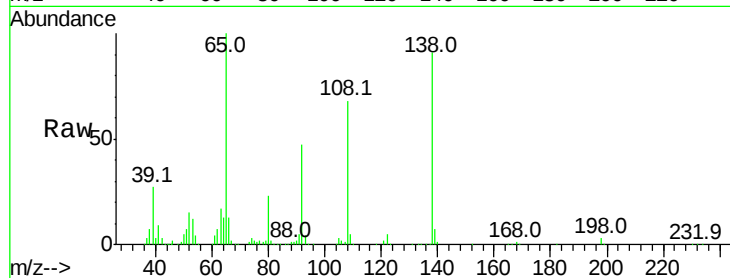
Tot Ion:138 Resp: 365930

Ion Ratio Lower Upper

138 100

92 51.5 31.7 71.7

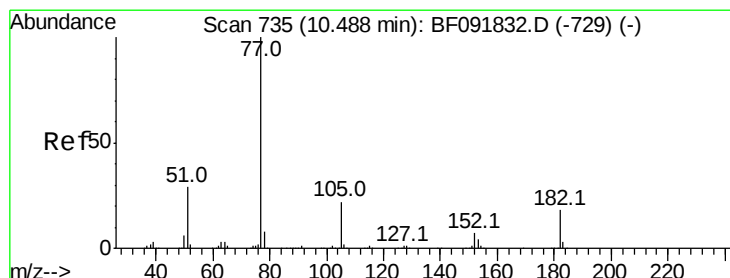
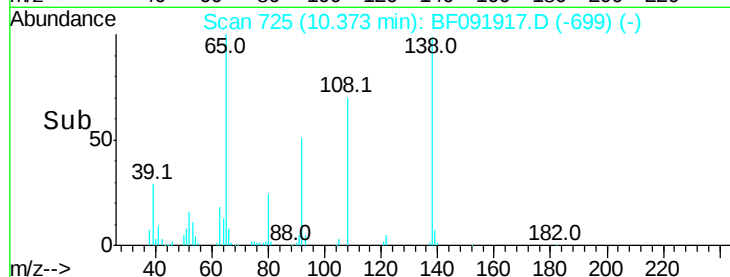
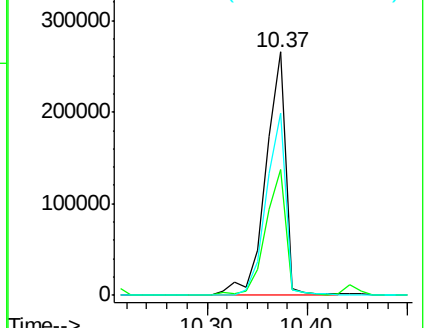
108 74.9 52.6 92.6



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



#62

Azobenzene

Concen: 38.71 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Tgt Ion: 77 Resp: 1322099

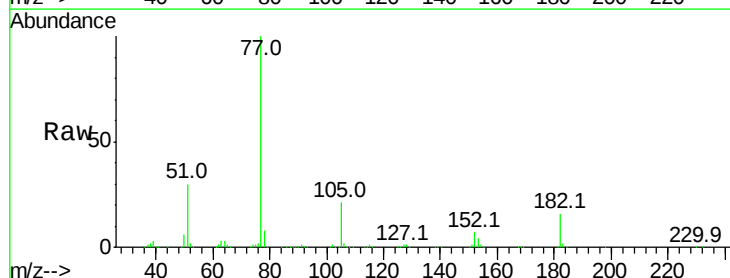
Ion Ratio Lower Upper

77 100

182 16.3 0.0 39.3

105 21.3 2.3 42.3

51 30.2 8.9 48.9

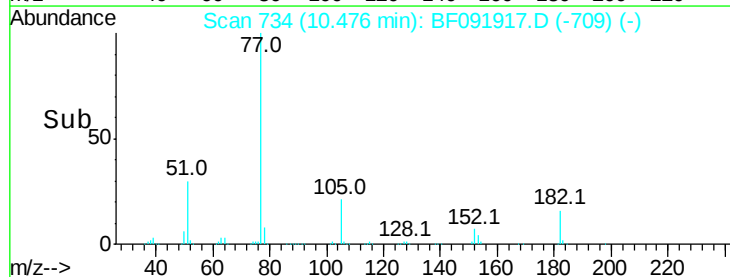
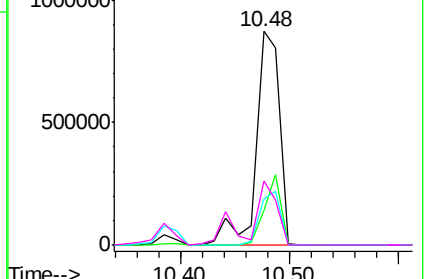


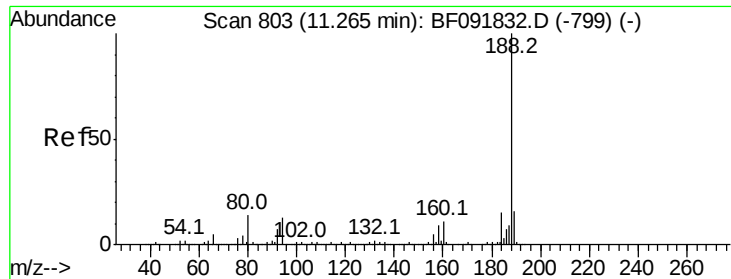
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

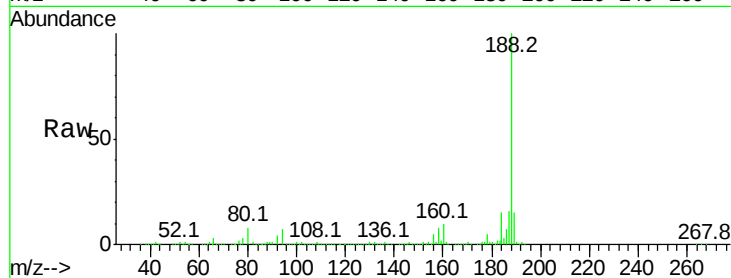




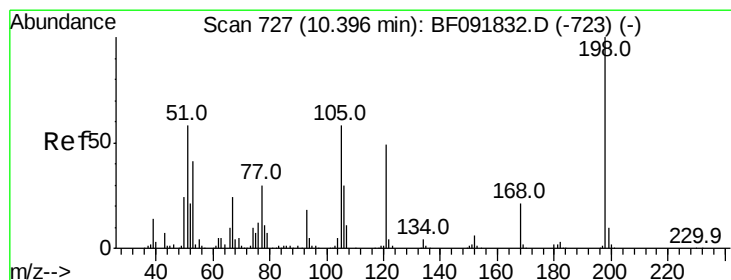
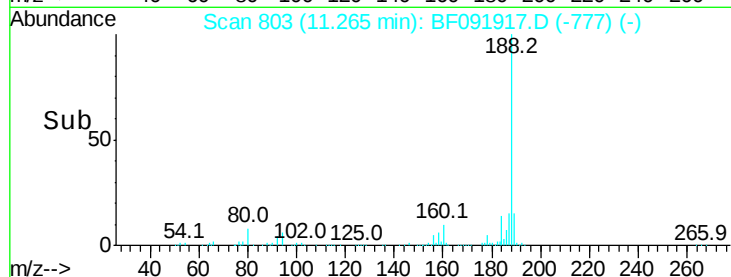
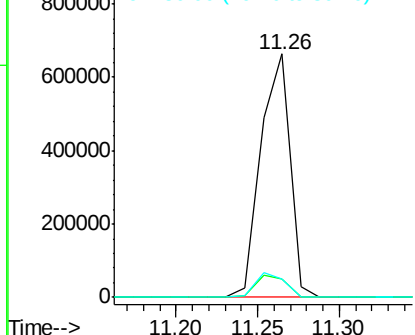
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 830454
Ion Ratio Lower Upper
188 100
94 7.5 10.0 15.0#
80 7.8 11.2 16.8#

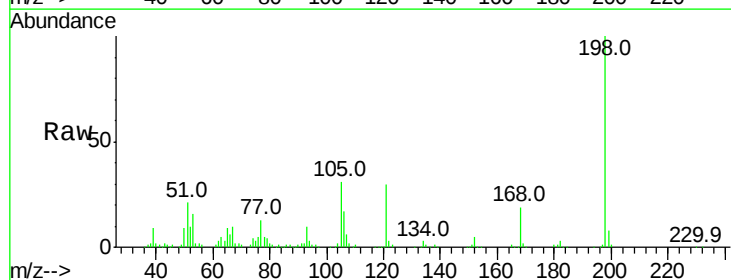


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

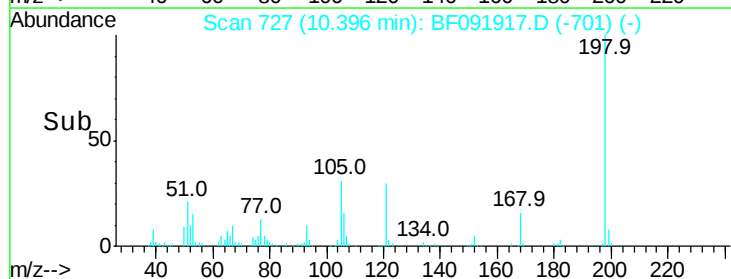
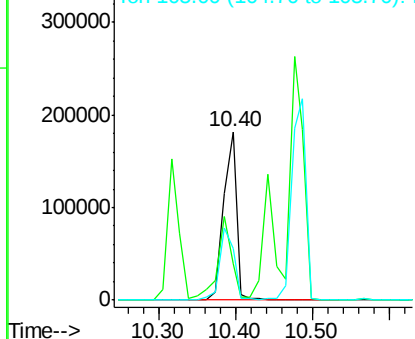


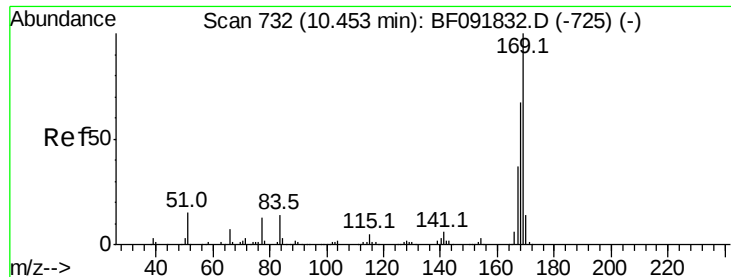
#64
4,6-Dinitro-2-methylphenol
Concen: 43.91 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion:198 Resp: 220528
Ion Ratio Lower Upper
198 100
51 21.2 6.7 46.7
105 30.6 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

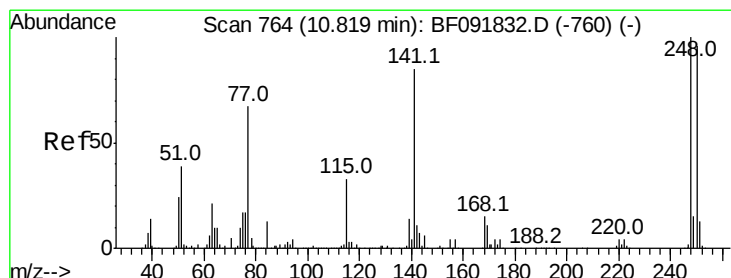
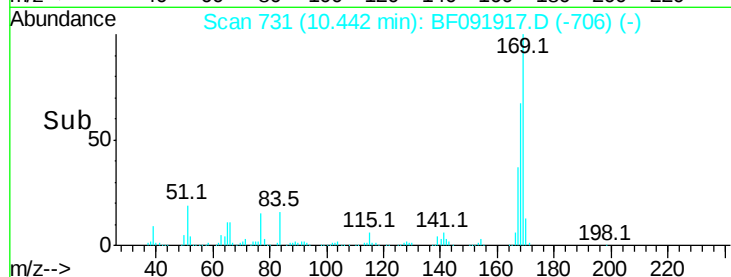
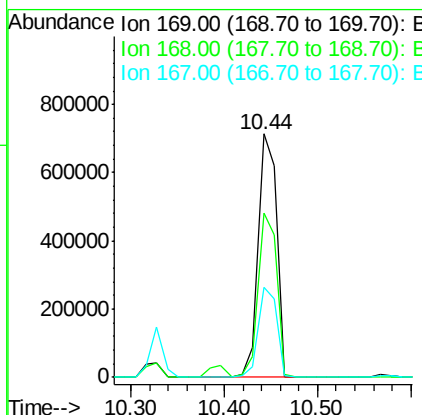
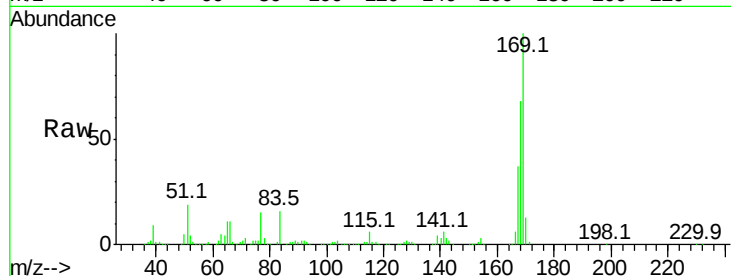




#65
n-Nitrosodiphenylamine
Concen: 40.17 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

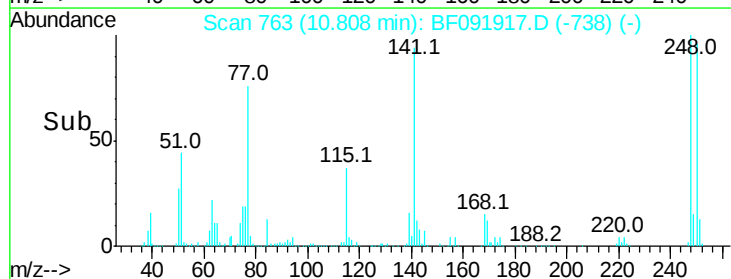
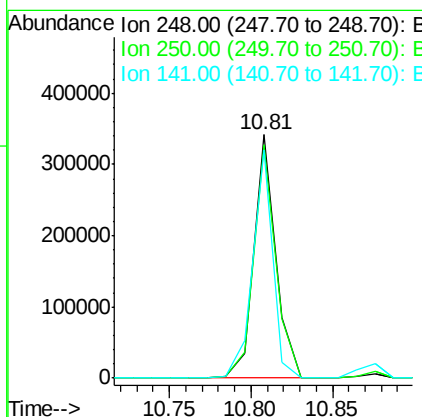
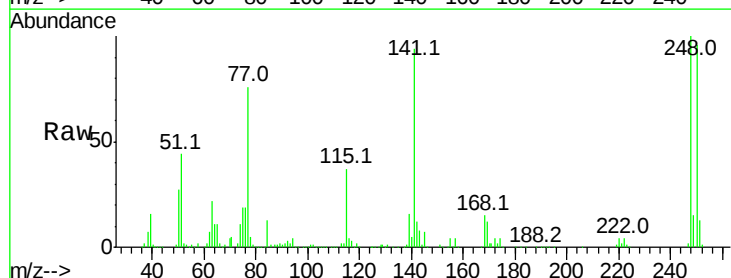
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

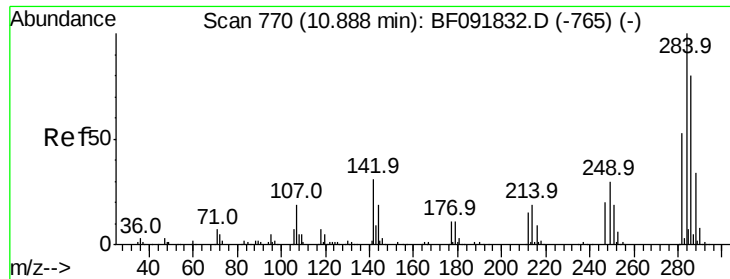
Tot Ion:169 Resp: 989912
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.2
167 37.1 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 36.93 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion:248 Resp: 318990
Ion Ratio Lower Upper
248 100
250 96.0 76.9 115.3
141 93.8 68.2 102.4

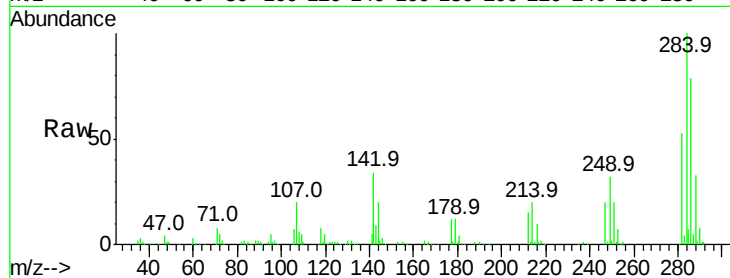




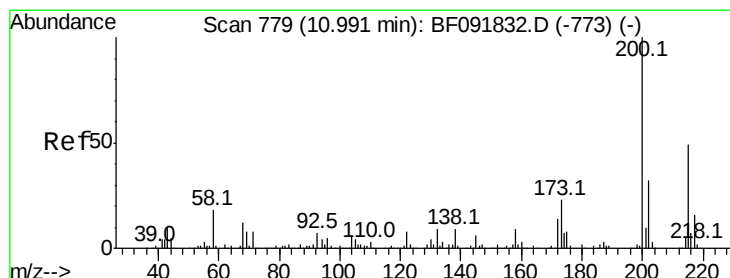
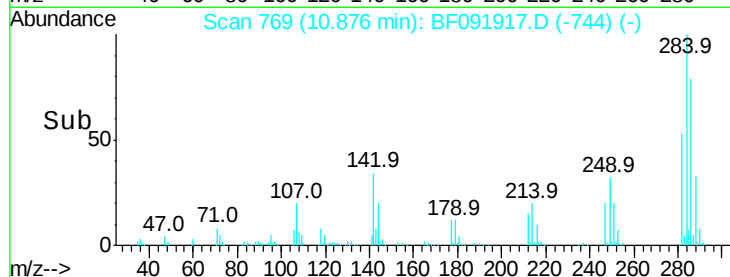
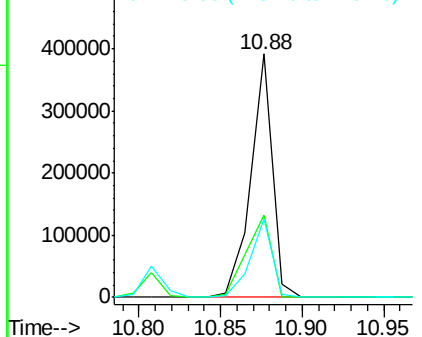
#67
Hexachlorobenzene
Concen: 38.95 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 359644
Ion Ratio Lower Upper
284 100
142 33.9 22.6 33.8#
249 32.2 25.4 38.0

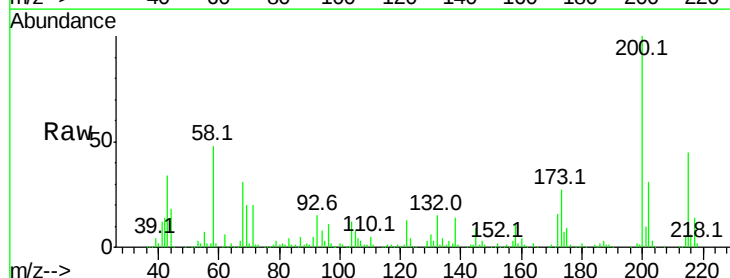


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

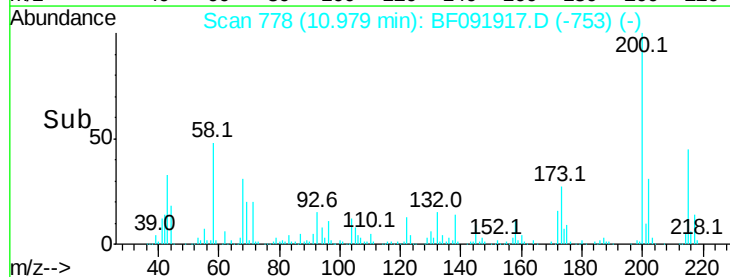
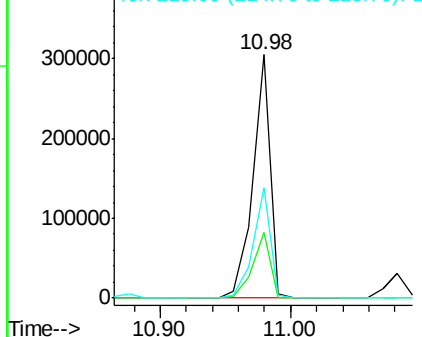


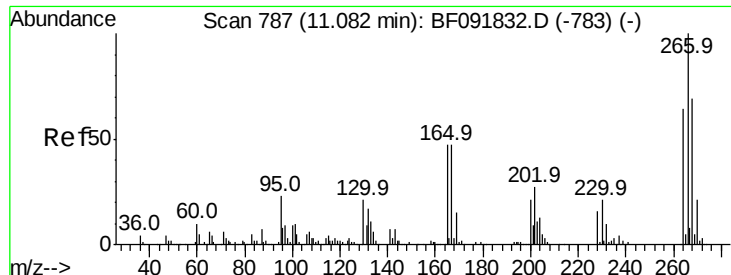
#68
Atrazine
Concen: 35.25 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion:200 Resp: 280217
Ion Ratio Lower Upper
200 100
173 26.9 9.6 49.6
215 45.2 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

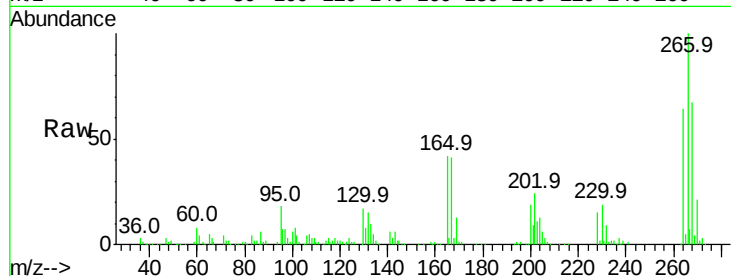




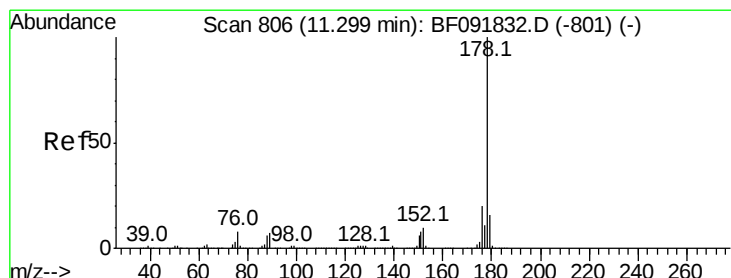
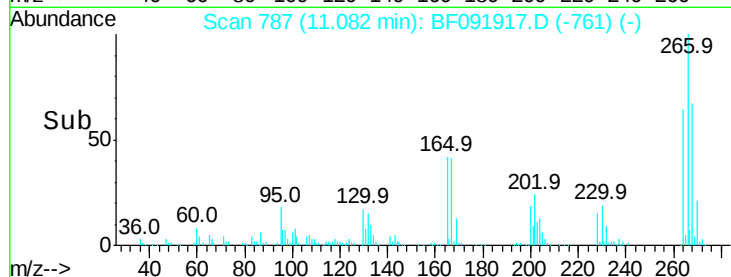
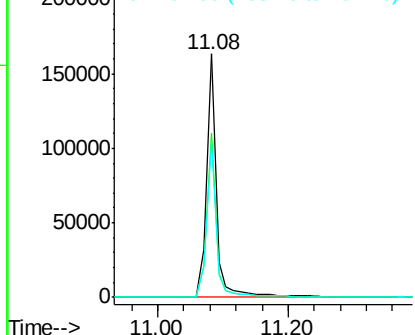
#69
 Pentachlorophenol
 Concen: 38.05 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 172394
 Ion Ratio Lower Upper
 266 100
 268 67.4 53.3 79.9
 264 63.8 50.3 75.5

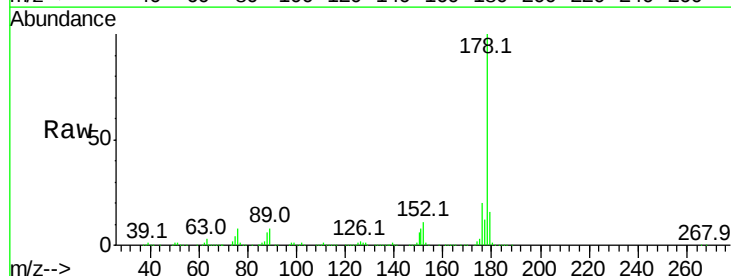


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

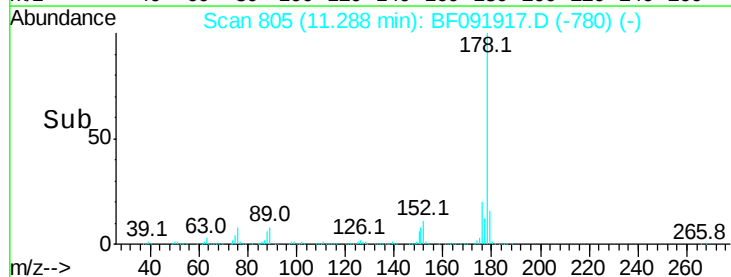
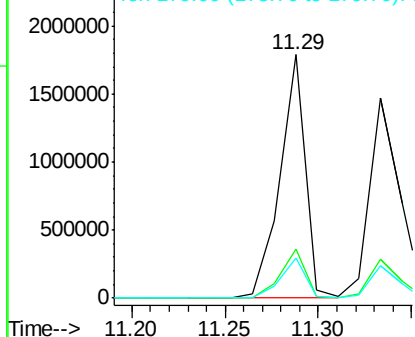


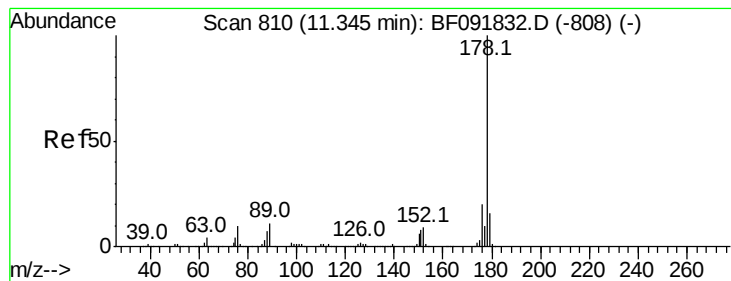
#70
 Phenanthrene
 Concen: 37.52 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

Tgt Ion:178 Resp: 1689667
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 16.3 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: 38.13 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

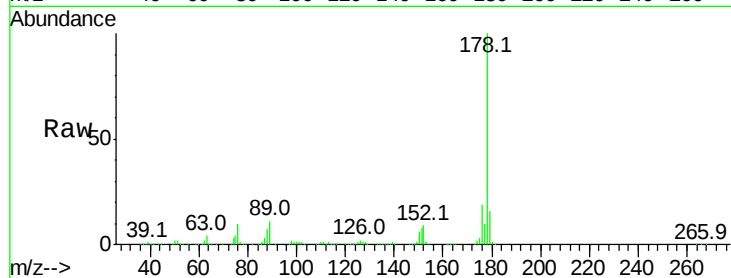
Tot Ion:178 Resp: 1602990

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

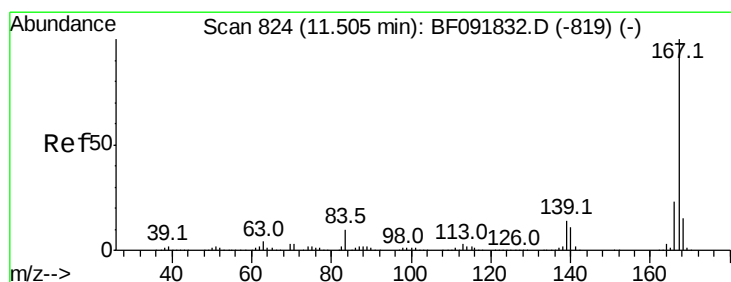
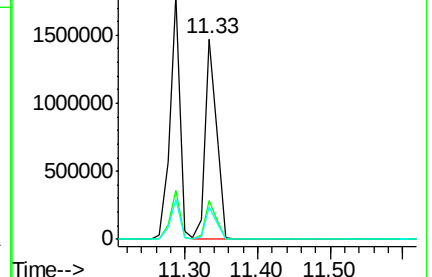
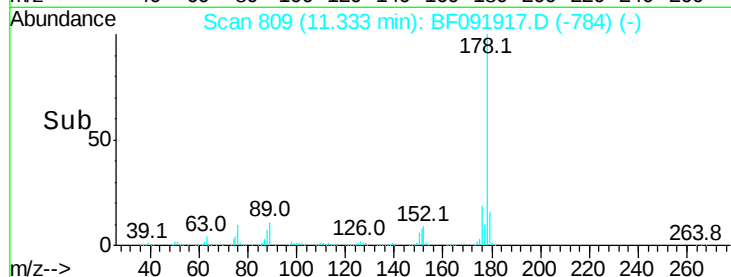
179 16.1 13.2 19.8



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: 46.01 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

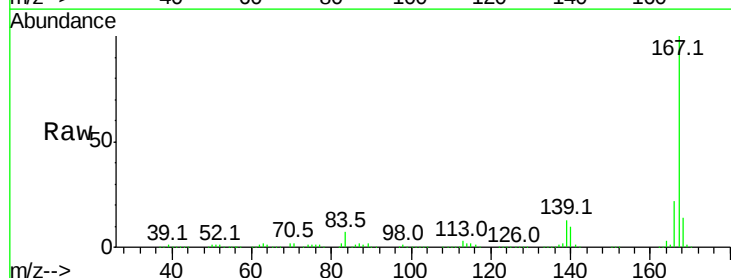
Tgt Ion:167 Resp: 1689108

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

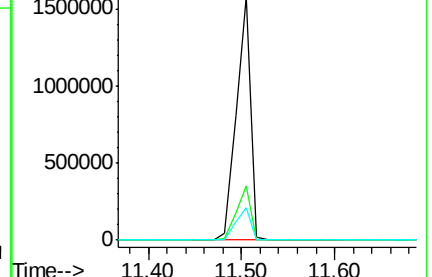
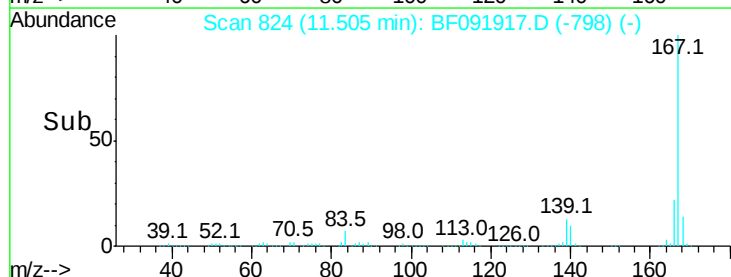
139 13.4 11.4 17.2

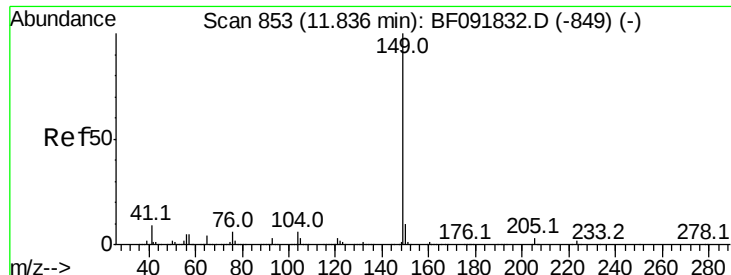


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.00 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

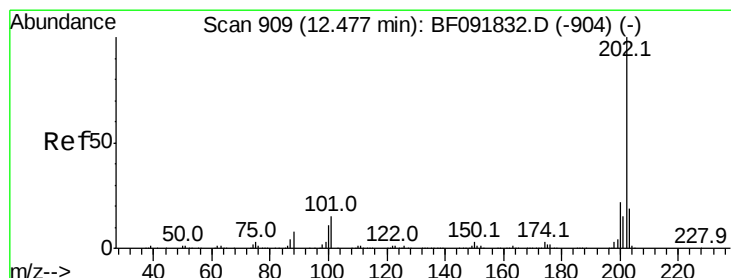
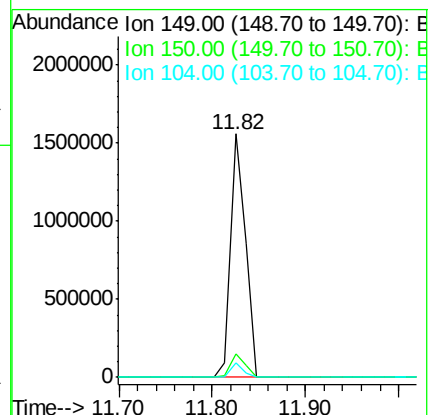
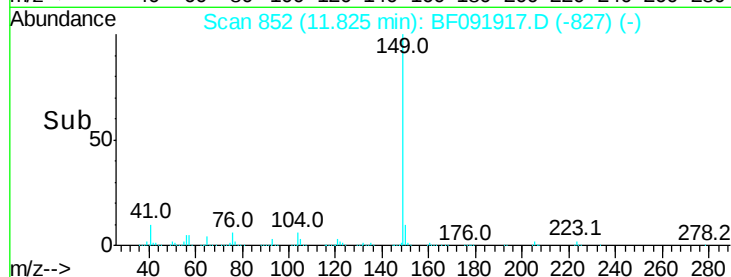
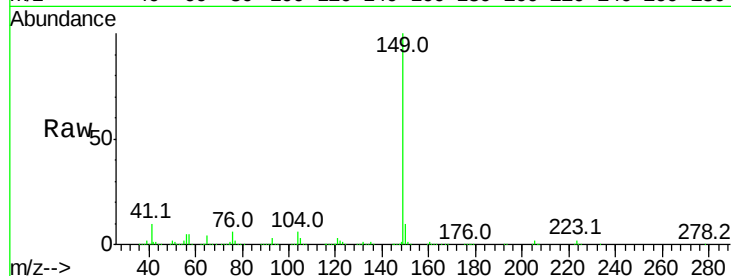
Tot Ion:149 Resp: 1726033

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

104 5.8 4.6 7.0



#74

Fluoranthene

Concen: 41.23 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

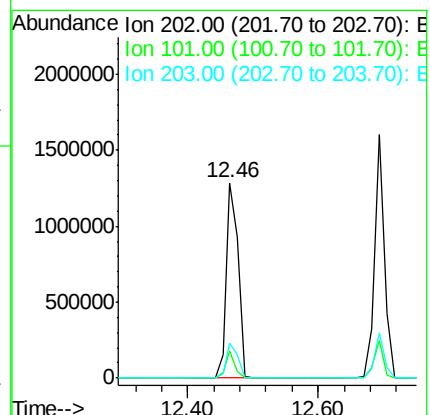
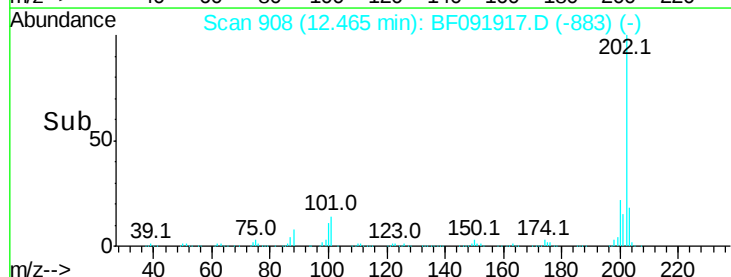
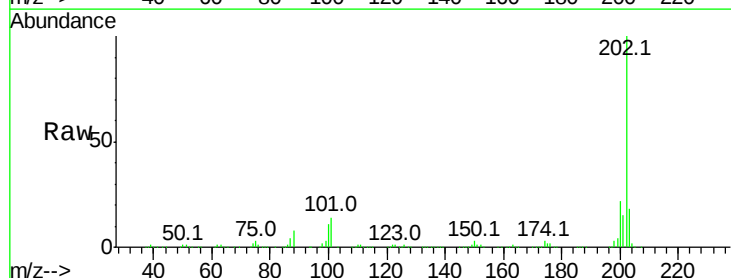
Tgt Ion:202 Resp: 1641502

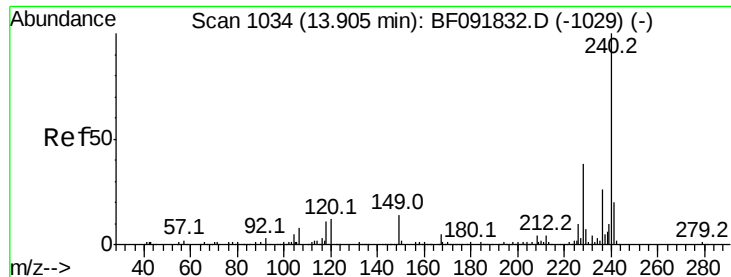
Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.6

203 18.2 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

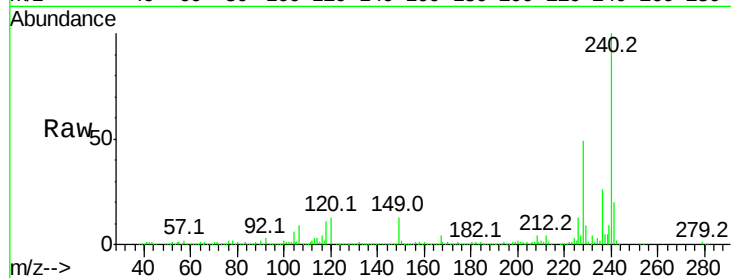
Tot Ion:240 Resp: 623794

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

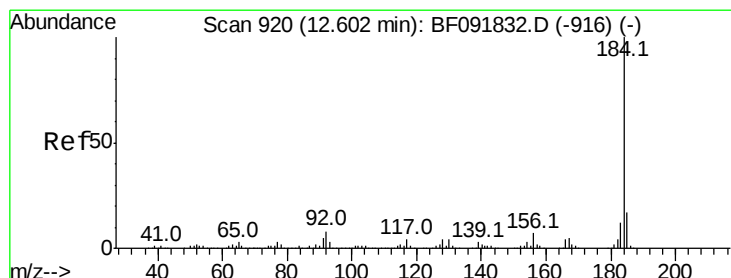
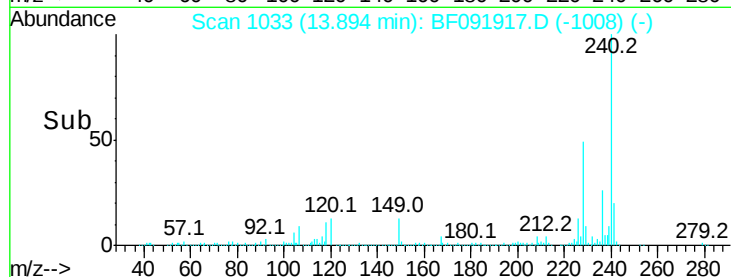
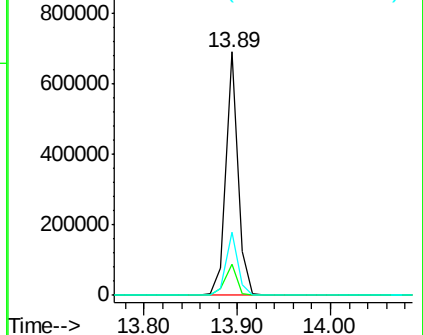
236 25.8 20.9 31.3



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: 32.99 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

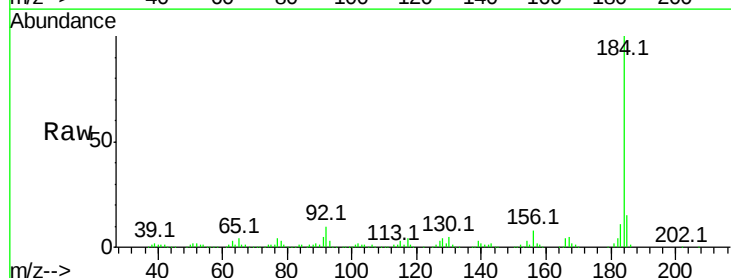
Tgt Ion:184 Resp: 559334

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

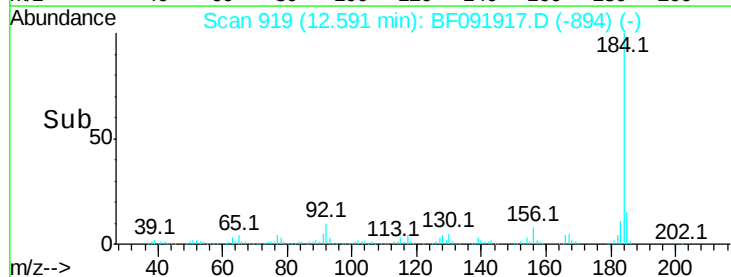
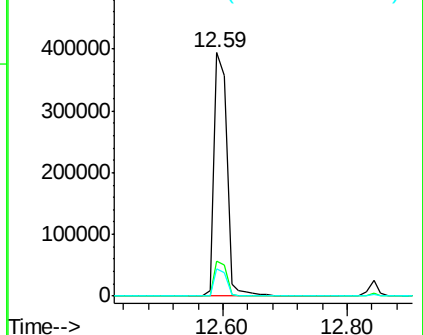
183 11.1 9.2 13.8



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

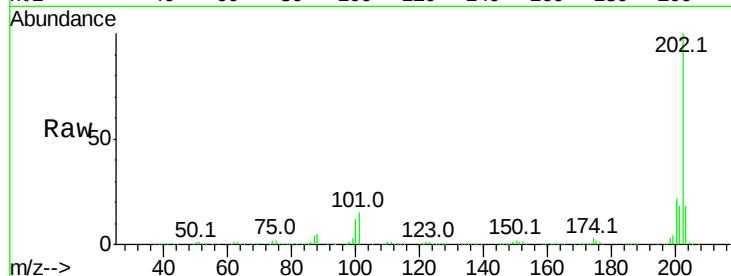




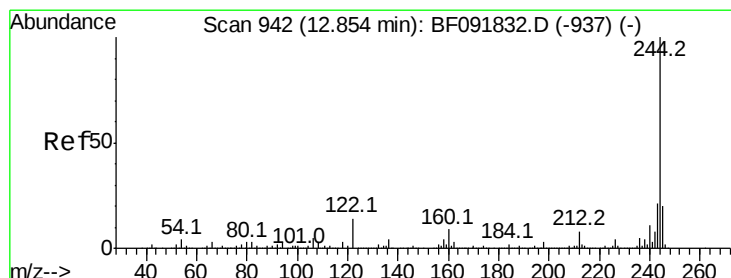
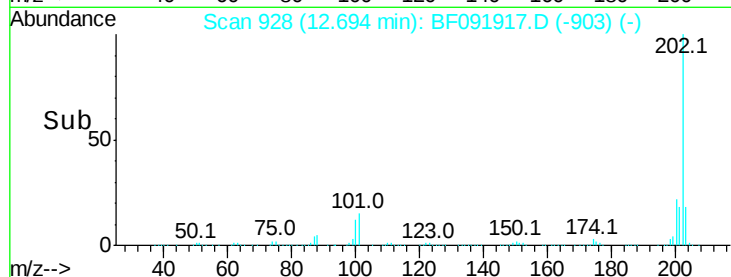
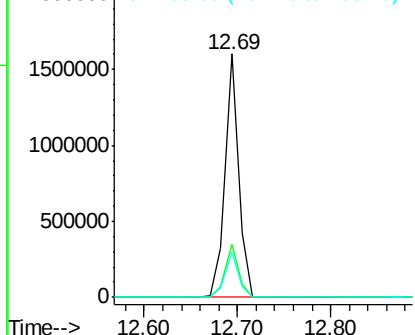
#77
Pvrene
Concen: 35.59 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1628866
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 18.5 14.7 22.1

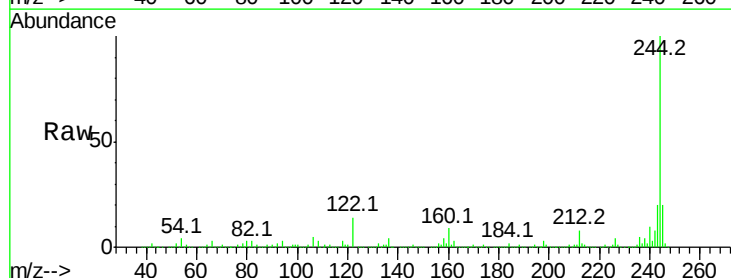


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

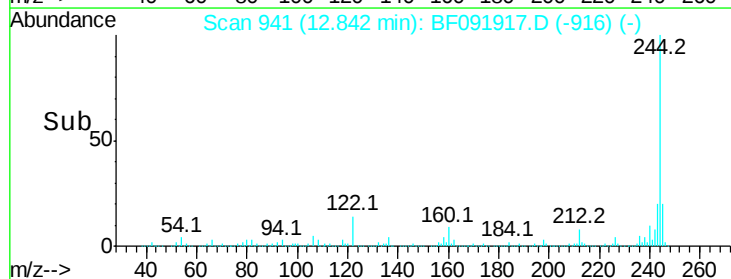
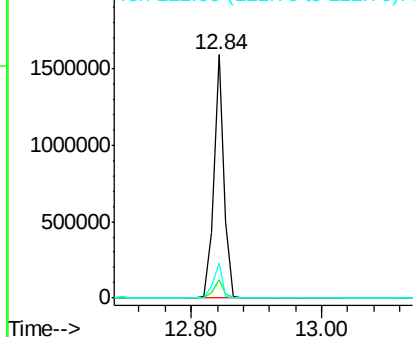


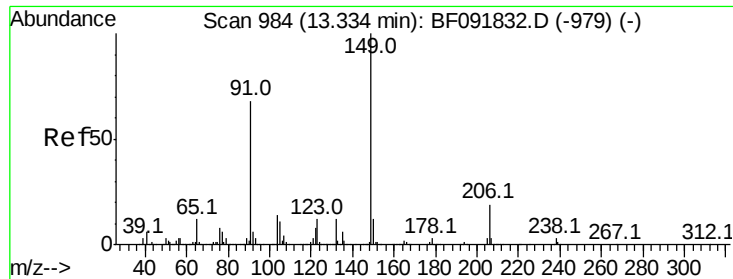
#78
Terphenyl-d14
Concen: 68.01 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion:244 Resp: 1749377
Ion Ratio Lower Upper
244 100
212 7.7 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

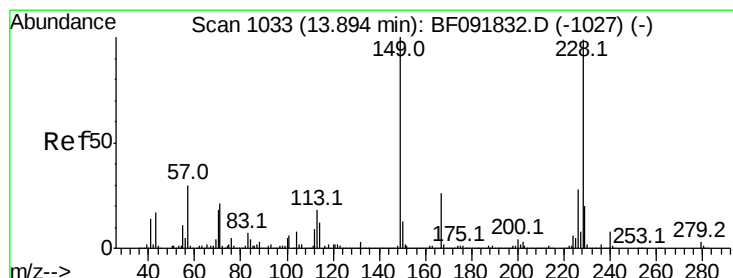
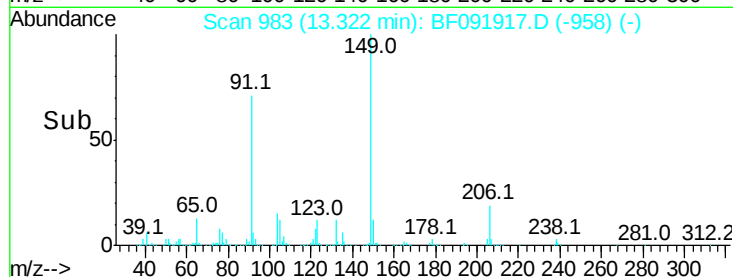
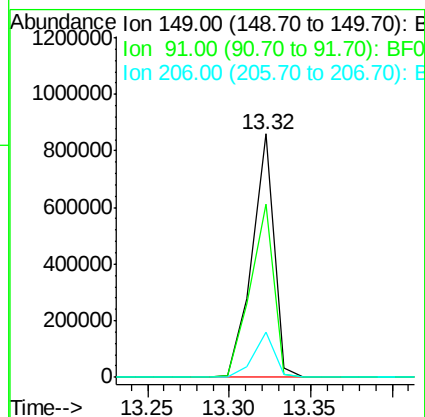
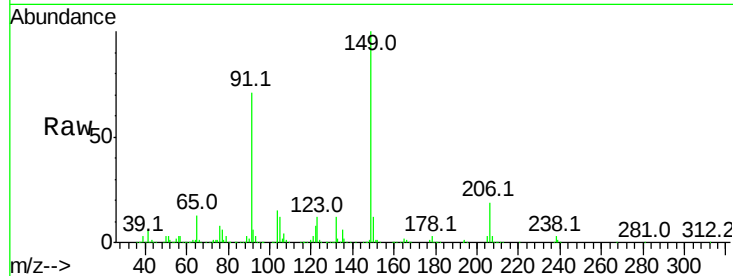




#79
Butylbenzylphthalate
Concen: 38.75 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

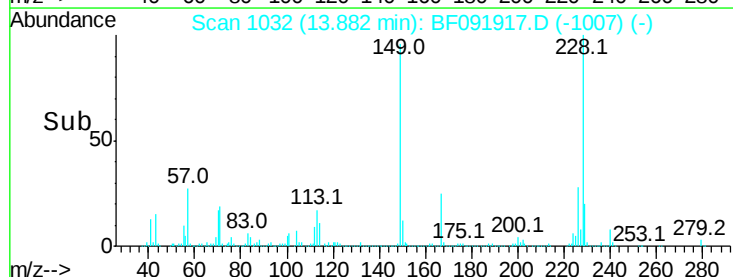
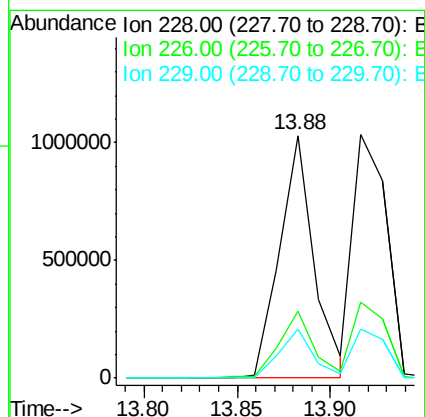
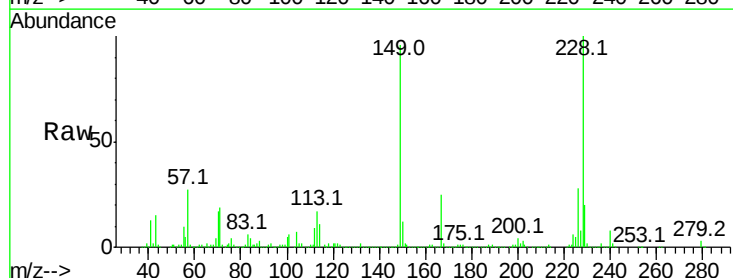
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.3	63.9	95.9
206	18.7	14.6	21.8



#80
Benzo(a)anthracene
Concen: 37.66 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	20.3	16.2	24.4

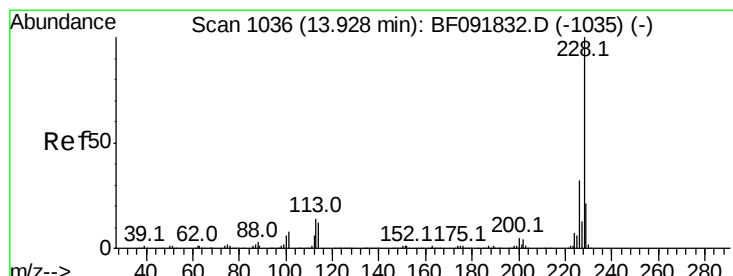
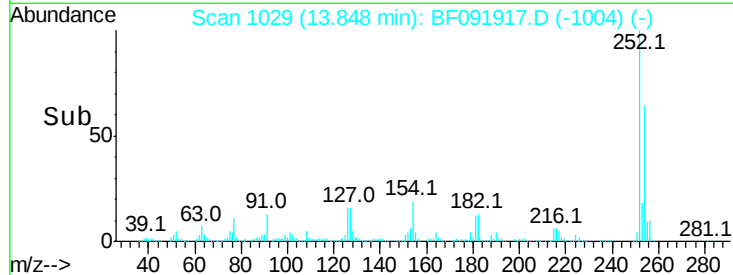
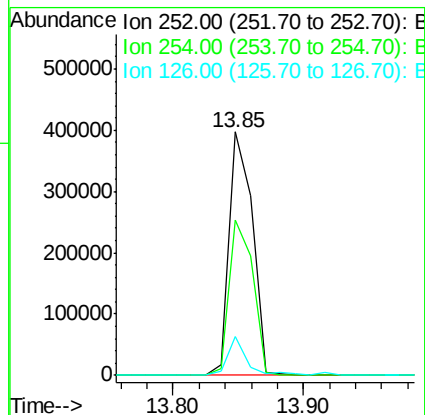
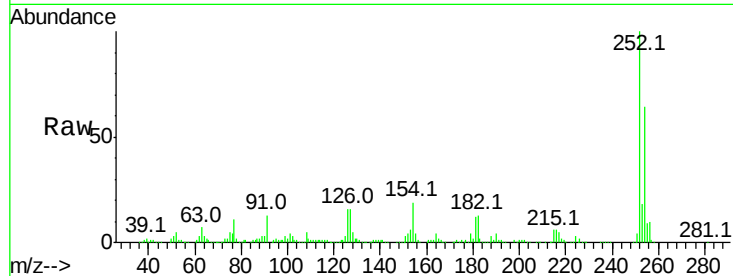




#81
 3,3'-Dichlorobenzidine
 Concen: 36.94 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

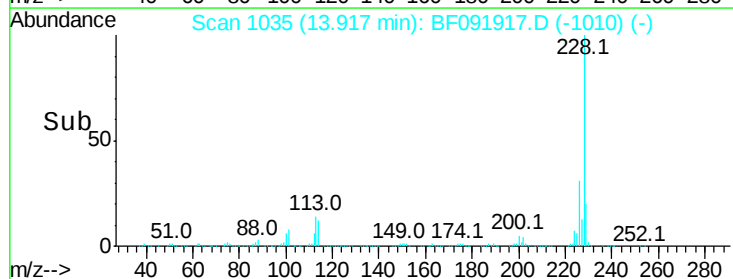
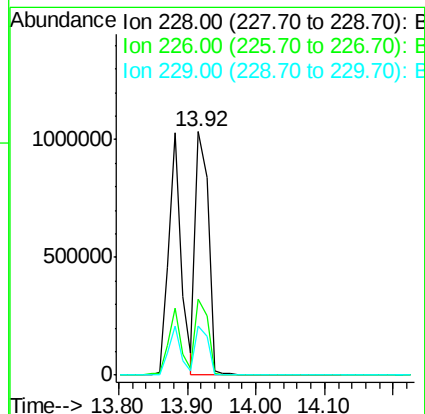
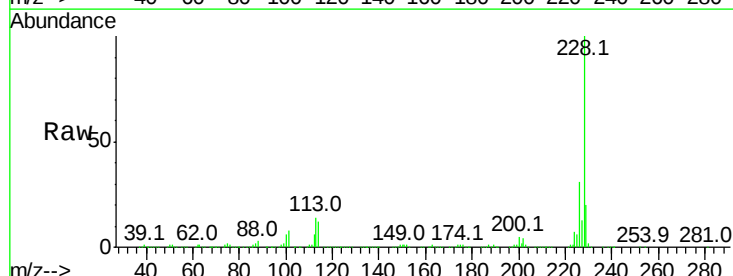
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	252	Resp:	493223
Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.3	78.5
126	15.8	13.6	20.4



#82
 Chrysene
 Concen: 37.16 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

Tgt Ion:	228	Resp:	1312379
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.2	16.2	24.2

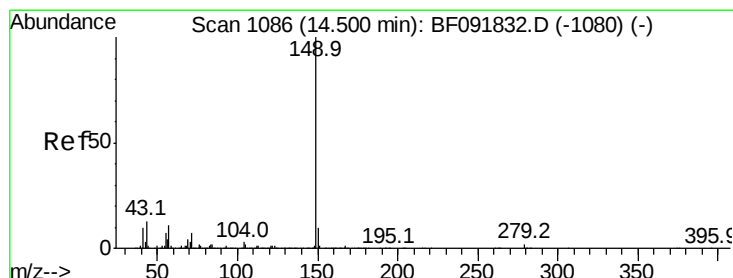
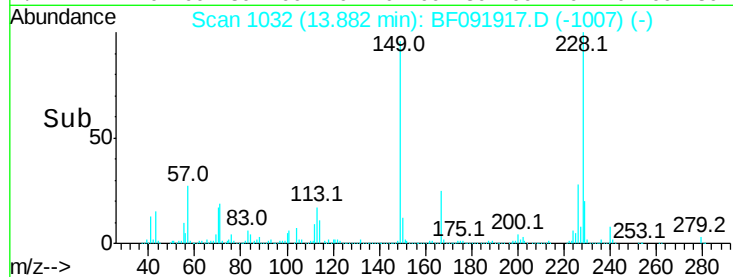
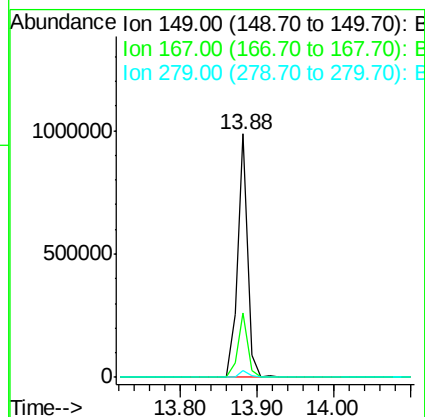
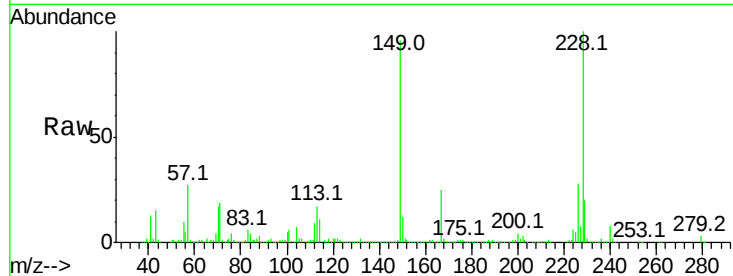




#83
Bis(2-ethylhexyl)phthalate
Concen: 37.94 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

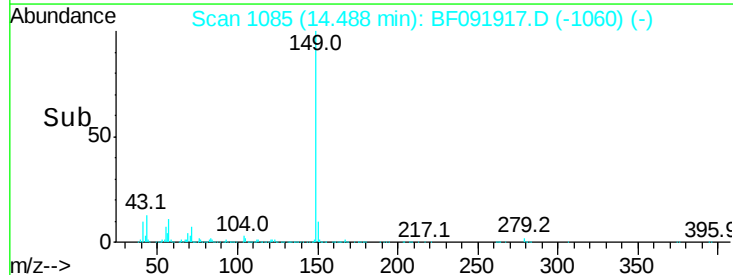
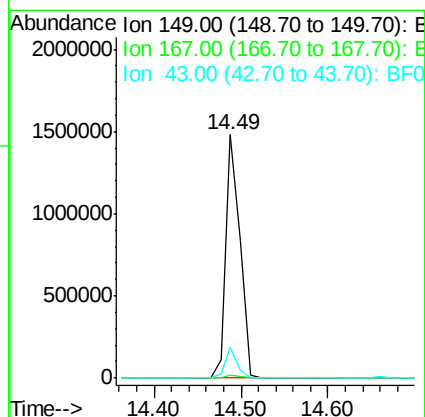
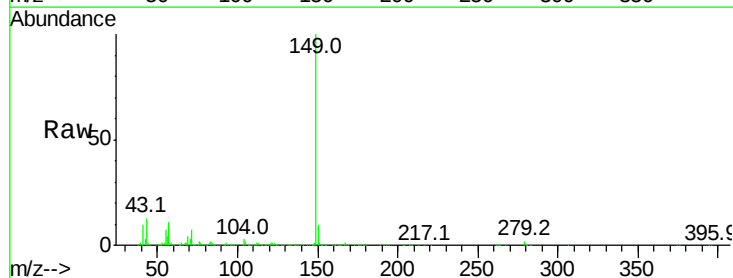
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

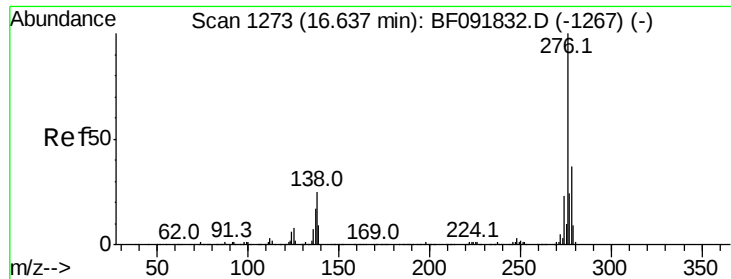
Tot Ion:149 Resp: 930133
Ion Ratio Lower Upper
149 100
167 26.5 20.2 30.4
279 3.0 1.8 2.8#



#84
Di-n-octyl phthalate
Concen: 37.11 ng
RT: 14.49 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion:149 Resp: 1685085
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 8.9 13.3



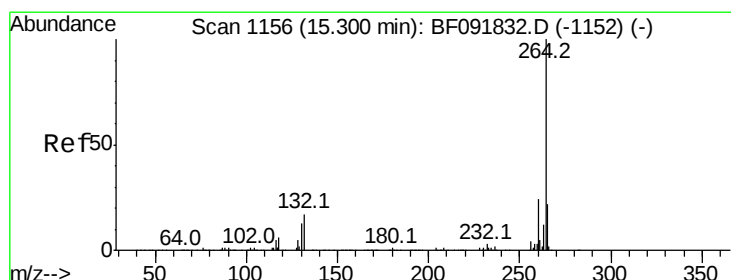
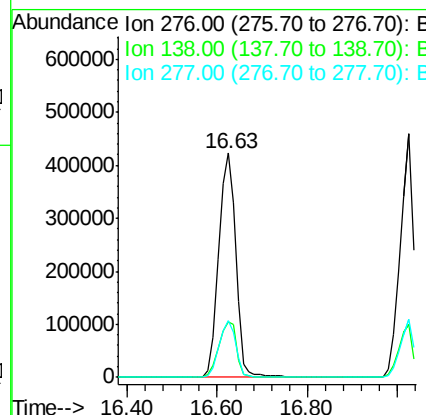
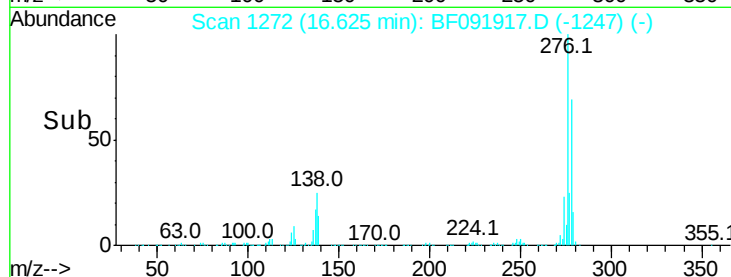
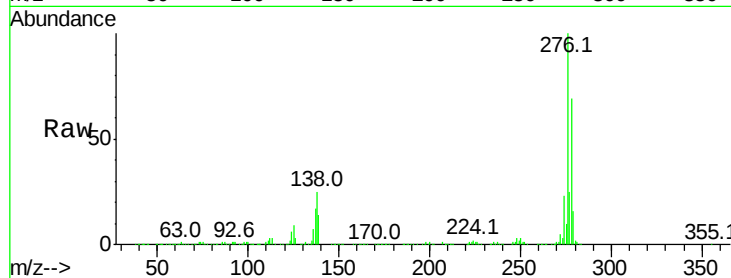


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.93 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1129938

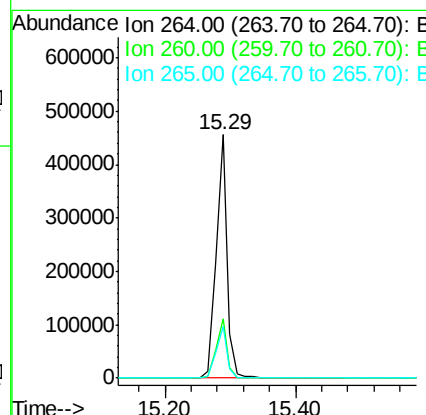
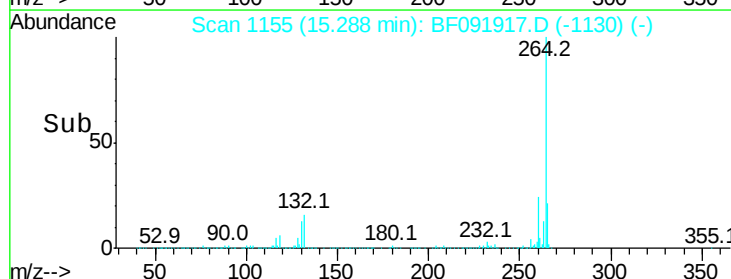
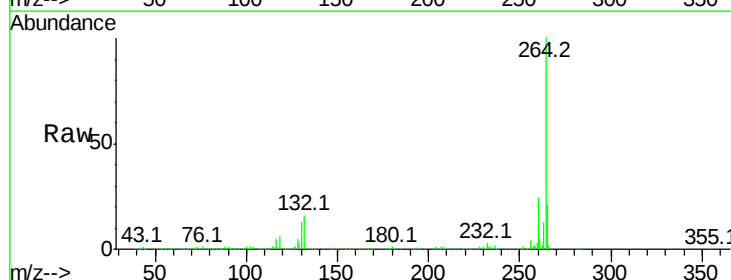
Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.8	32.6
277	25.0	20.2	30.4

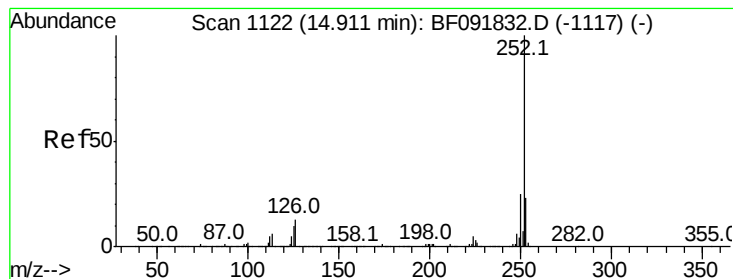


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

Tgt Ion:264 Resp: 535307

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 40.69 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

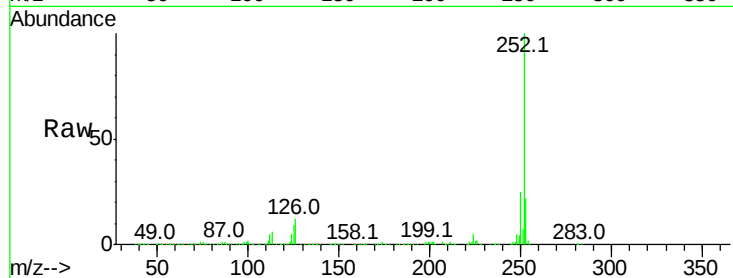
Tot Ion:252 Resp: 1356134

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

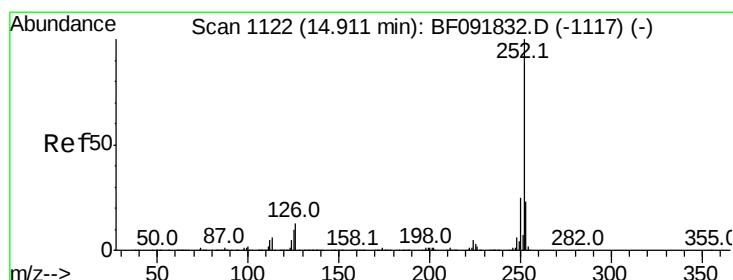
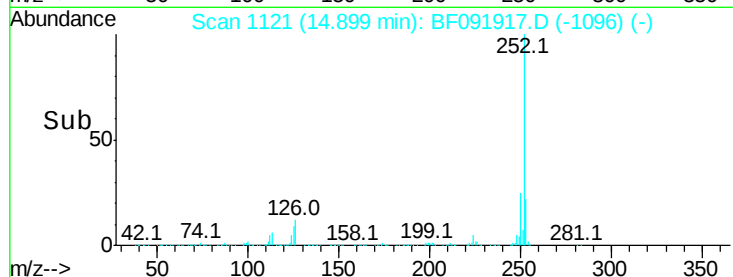
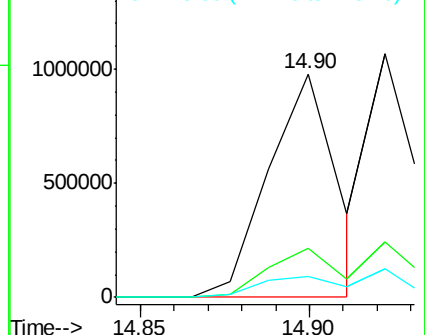
125 9.1 9.8 14.6#



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: 37.33 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF091917.D

Acq: 23 Dec 2016 12:03

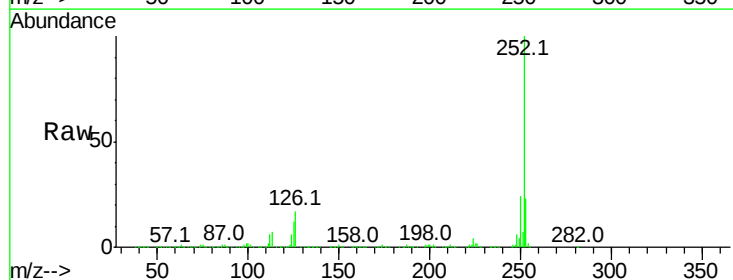
Tgt Ion:252 Resp: 1060948

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

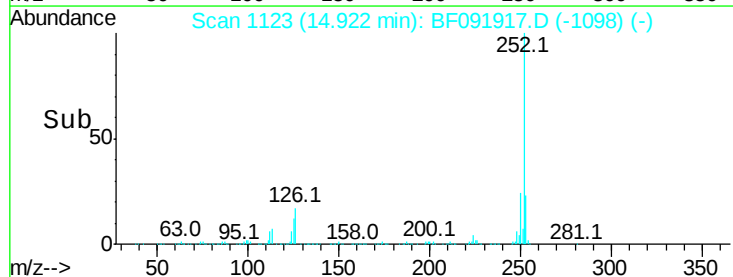
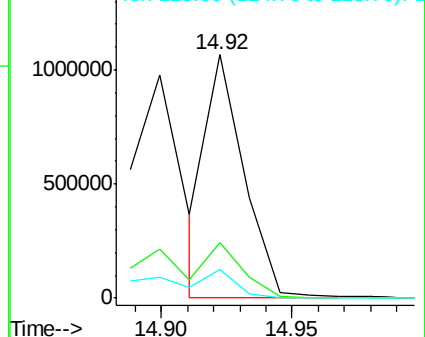
125 11.5 8.9 13.3

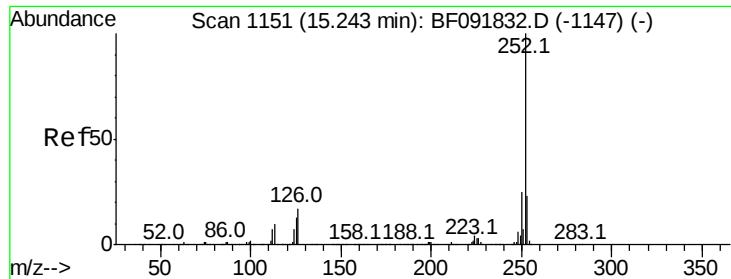


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

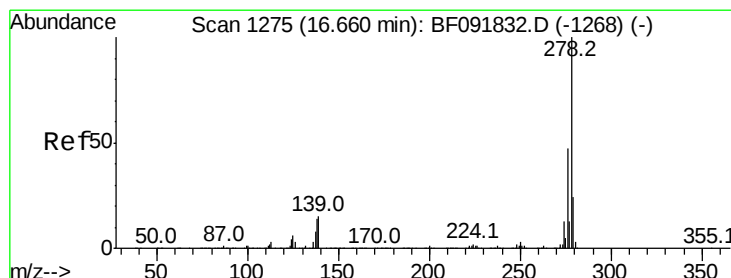
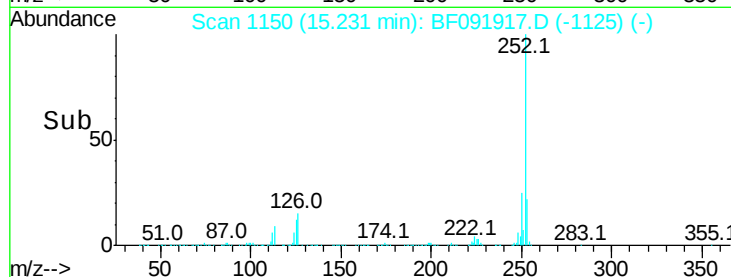
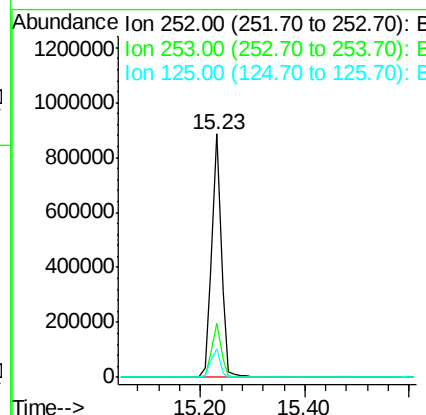
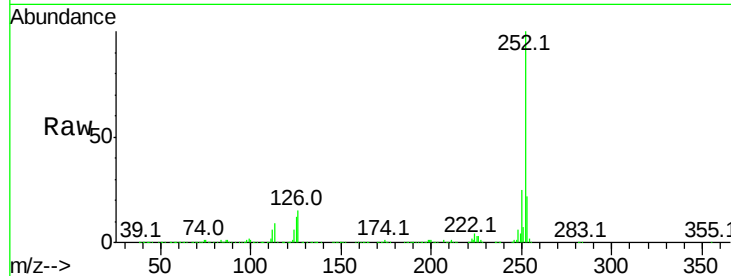




#89
Benzo(a)pyrene
Concen: 38.37 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

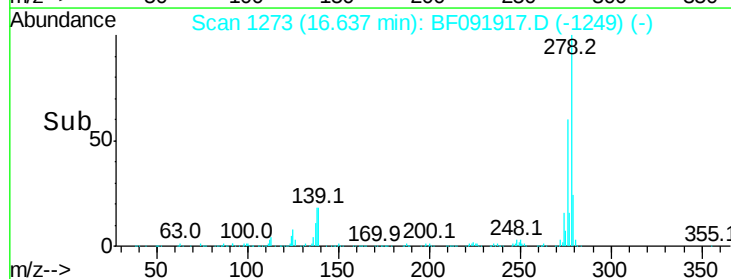
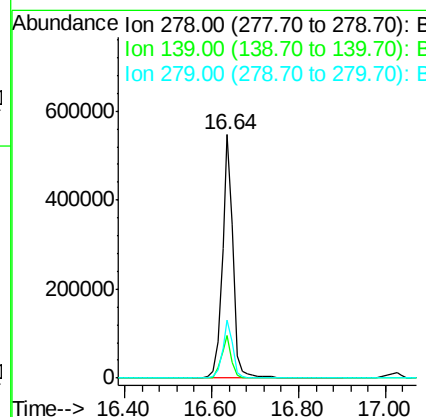
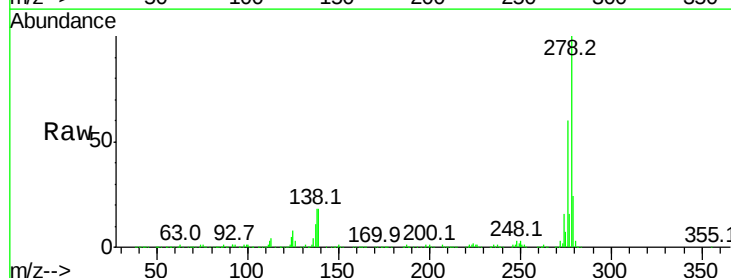
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

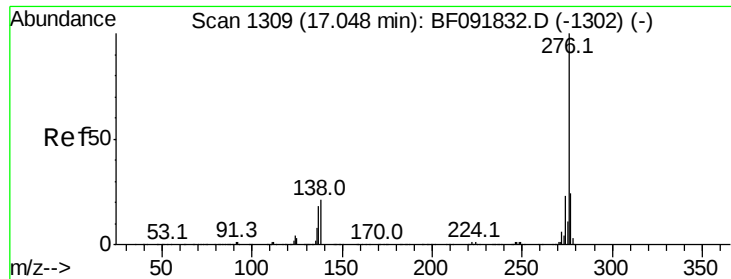
Tot Ion:252 Resp: 1135016
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 11.6 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 39.36 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091917.D
Acq: 23 Dec 2016 12:03

Tgt Ion:278 Resp: 956979
Ion Ratio Lower Upper
278 100
139 17.7 14.8 22.2
279 24.1 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 38.30 ng
 RT: 17.03 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF091917.D
 Acq: 23 Dec 2016 12:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 968361
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.2 28.8
 138 21.9 16.0 24.0

