

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091986.D
 Acq On : 27 Dec 2016 23:51
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 28 06:15:01 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	6.73	152	316840	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1084085	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	555607	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	878629	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	556942	20.00	ng	-0.01
86) Perylene-d12	15.29	264	513740	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1341300	70.69	ng	0.00
7) Phenol-d6	6.41	99	1489441	64.29	ng	0.00
23) Nitrobenzene-d5	7.31	82	1646148	84.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	313420	68.16	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2212779	80.99	ng	-0.01
78) Terphenyl-d14	12.84	244	1953596	85.07	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.22	88	357252	38.24	ng	99
3) Pyridine	2.90	79	998541	30.63	ng	98
4) n-Nitrosodimethylamine	2.86	42	418824	34.05	ng	96
6) Aniline	6.40	93	909762	30.23	ng	# 47
8) 2-Chlorophenol	6.53	128	703603	32.60	ng	86
9) Benzaldehyde	6.27	77	451174	31.73	ng	94
10) Phenol	6.42	94	835779	31.66	ng	79
11) bis(2-Chloroethyl)ether	6.48	93	801520	38.16	ng	96
12) 1,3-Dichlorobenzene	6.67	146	858574	37.26	ng	# 95
13) 1,4-Dichlorobenzene	6.75	146	918729	39.17	ng	95
14) 1,2-Dichlorobenzene	6.90	146	673336	33.09	ng	95
15) Benzyl Alcohol	6.89	79	240907	13.38	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	995116	31.81	ng	95
17) 2-Methylphenol	7.04	107	590152	34.00	ng	96
18) Hexachloroethane	7.24	117	306612	35.26	ng	91
19) n-Nitroso-di-n-propylamine	7.16	70	473849	30.74	ng	99
20) 3+4-Methylphenols	7.18	107	834441	40.30	ng	# 73
22) Acetophenone	7.15	105	1003359	37.52	ng	# 95
24) Nitrobenzene	7.32	77	797216	38.39	ng	98
25) Isophorone	7.57	82	1485627	41.30	ng	98
26) 2-Nitrophenol	7.64	139	431038	42.09	ng	99
27) 2,4-Dimethylphenol	7.70	122	560640	33.01	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	808623	37.07	ng	99
29) 2,4-Dichlorophenol	7.90	162	600008	41.72	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	611898	38.83	ng	# 95
31) Naphthalene	8.04	128	1747024	35.21	ng	100
32) Benzoic acid	7.86	122	366444	29.09	ng	97
33) 4-Chloroaniline	8.11	127	872409	39.00	ng	95
34) Hexachlorobutadiene	8.17	225	374062	44.97	ng	98
35) Caprolactam	8.49	113	161543	34.18	ng	# 59
36) 4-Chloro-3-methylphenol	8.61	107	605215	36.57	ng	93
37) 2-Methylnaphthalene	8.74	142	1302080	42.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	505132	35.98	ng	99
40) Hexachlorocyclopentadiene	8.89	237	185523	32.18	ng	96

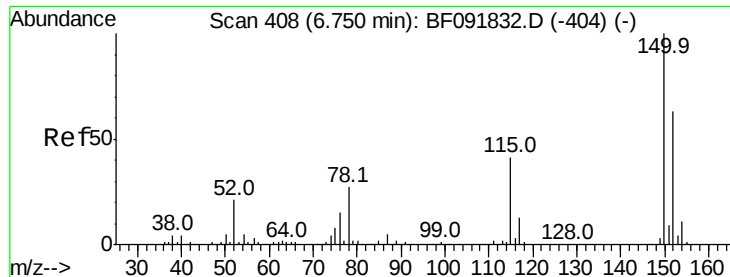
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	353870	36.05	nq	96
43) 2,4,5-Trichlorophenol	9.08	196	366759	36.30	nq	# 88
45) 1,1'-Biphenyl	9.21	154	1560408	41.02	nq	98
46) 2-Chloronaphthalene	9.23	162	1176215	39.04	nq	98
47) 2-Nitroaniline	9.33	65	418940	39.06	nq	98
48) Acenaphthylene	9.64	152	1822892	39.34	nq	99
49) Dimethylphthalate	9.52	163	1388514	39.07	nq	99
50) 2,6-Dinitrotoluene	9.57	165	274855	35.34	nq	# 71
51) Acenaphthene	9.81	154	1163411	37.04	nq	100
52) 3-Nitroaniline	9.74	138	313921	32.61	nq	99
53) 2,4-Dinitrophenol	9.85	184	89317	20.64	nq	# 51
54) Dibenzofuran	9.98	168	1537284	36.24	nq	97
55) 4-Nitrophenol	9.94	139	211227m	32.32	nq	
56) 2,4-Dinitrotoluene	9.97	165	322357	33.02	nq	# 78
57) Fluorene	10.33	166	1267976	41.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	293500	36.73	nq	98
59) Diethylphthalate	10.21	149	1290188	37.38	nq	94
60) 4-Chlorophenyl-phenylether	10.32	204	489644	36.23	nq	99
61) 4-Nitroaniline	10.36	138	317807	31.86	nq	98
62) Azobenzene	10.48	77	1366437	35.96	nq	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	173835	32.72	nq	# 61
65) n-Nitrosodiphenylamine	10.44	169	991028	38.01	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	362183	39.63	nq	93
67) Hexachlorobenzene	10.88	284	388231	39.74	nq	# 87
68) Atrazine	10.98	200	300380	35.72	nq	97
69) Pentachlorophenol	11.07	266	151170	31.54	nq	99
70) Phenanthrene	11.29	178	1817293	38.14	nq	99
71) Anthracene	11.33	178	1638336	36.35	nq	99
72) Carbazole	11.49	167	1534148	35.86	nq	99
73) Di-n-butylphthalate	11.82	149	1821980	39.89	nq	99
74) Fluoranthene	12.47	202	1643103	38.78	nq	99
76) Benzidine	12.60	184	412739	26.08	nq	97
77) Pyrene	12.69	202	1627035	39.82	nq	100
79) Butylbenzylphthalate	13.32	149	771152	41.49	nq	97
80) Benzo(a)anthracene	13.88	228	1278336	40.66	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	440866	36.98	nq	# 93
82) Chrysene	13.93	228	1410713	44.73	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	977907	44.68	nq	99
84) Di-n-octyl phthalate	14.50	149	1744875	43.04	nq	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1217049	44.55	nq	99
87) Benzo(b)fluoranthene	14.90	252	1149247m	35.93	nq	
88) Benzo(k)fluoranthene	14.93	252	1209521m	44.35	nq	
89) Benzo(a)pyrene	15.24	252	1128175	39.74	nq	# 96
90) Dibenzo(a,h)anthracene	16.65	278	1014233	43.47	nq	98
91) Benzo(g,h,i)perylene	17.04	276	1073528	44.25	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091986.D

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SSTDCCC040

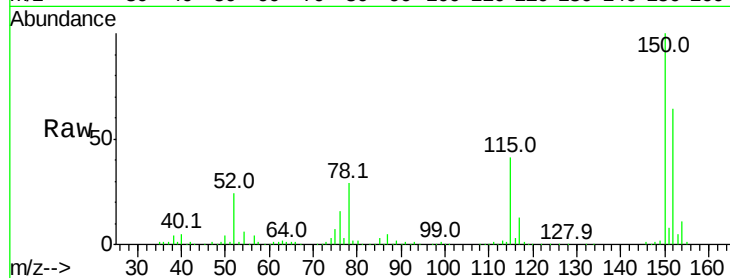
Tot Ion:152 Resp: 316840

Ion Ratio Lower Upper

152 100

150 157.1 124.9 187.3

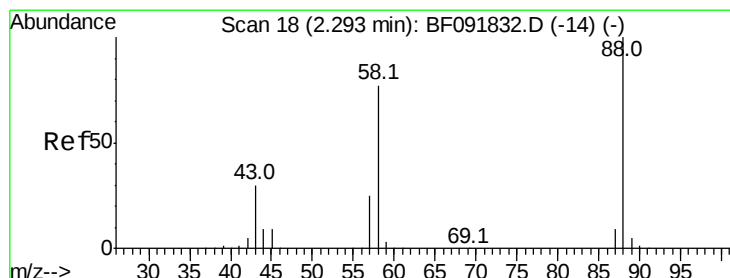
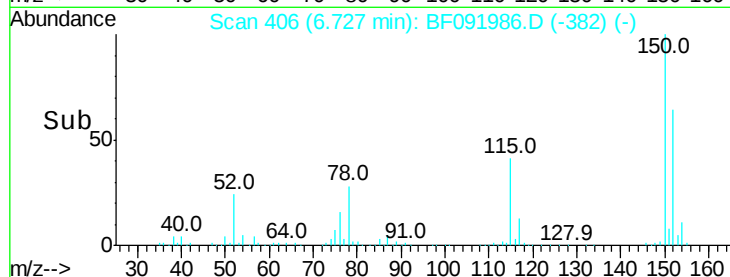
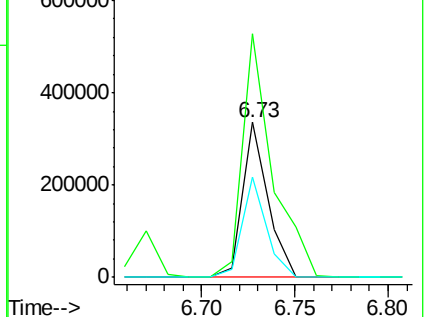
115 64.7 46.0 69.0



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: 38.24 ng

RT: 2.22 min Scan# 12

Delta R.T. -0.07 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

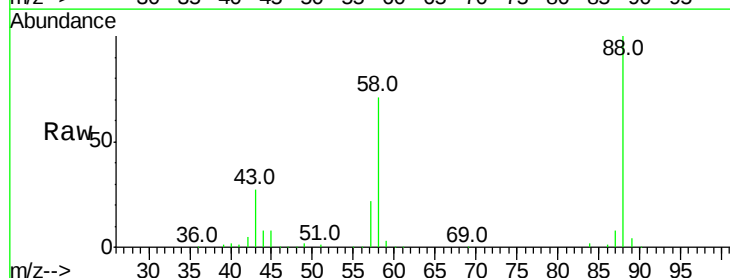
Tgt Ion: 88 Resp: 357252

Ion Ratio Lower Upper

88 100

58 72.9 57.8 86.8

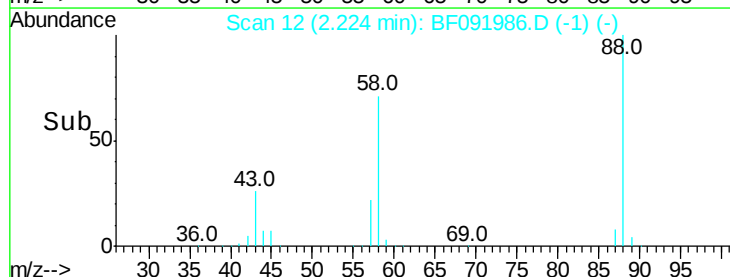
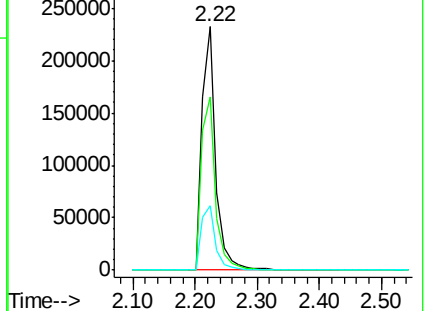
43 28.0 22.3 33.5

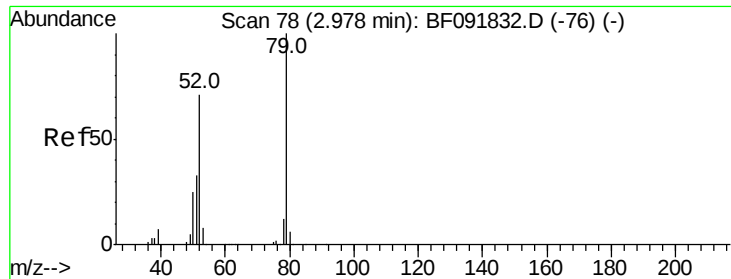


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

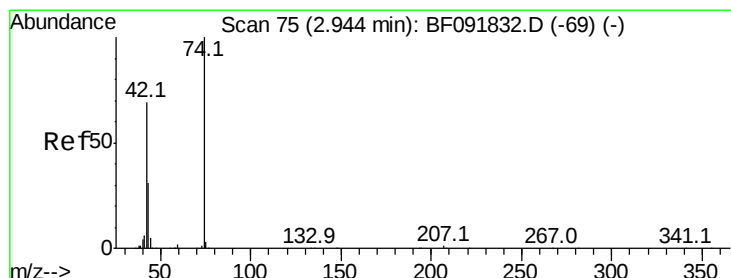
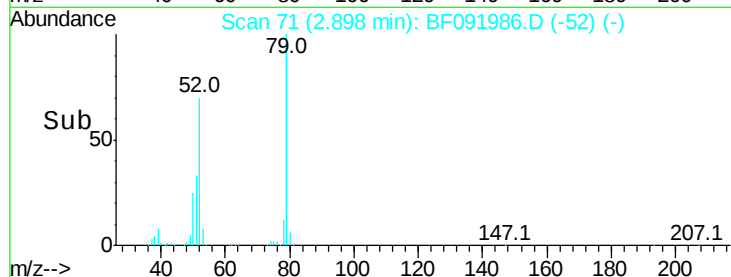
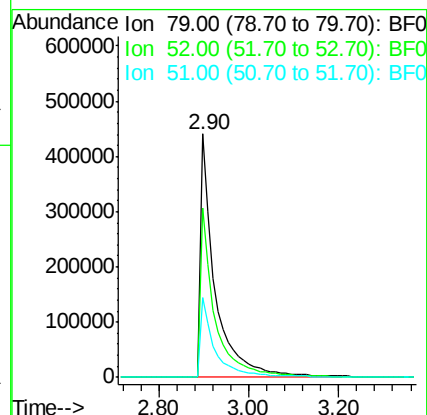
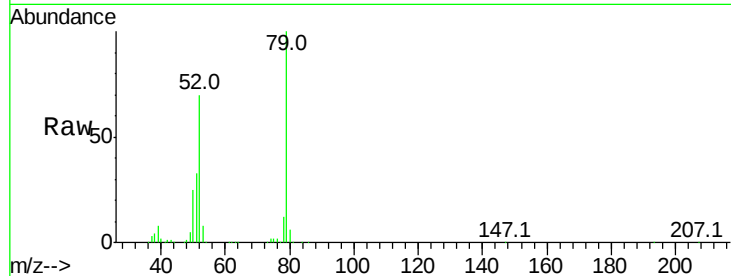




#3
 Pvridine
 Concen: 30.63 ng
 RT: 2.90 min Scan# 71
 Delta R.T. -0.08 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

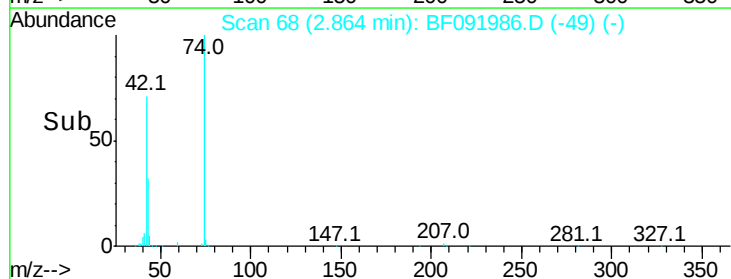
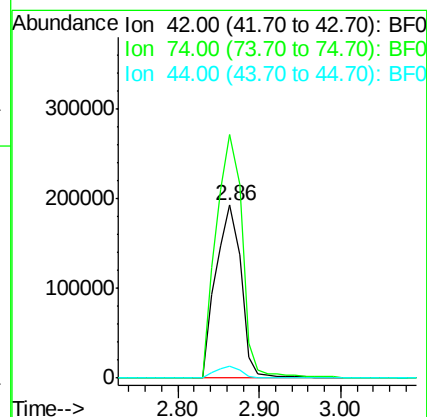
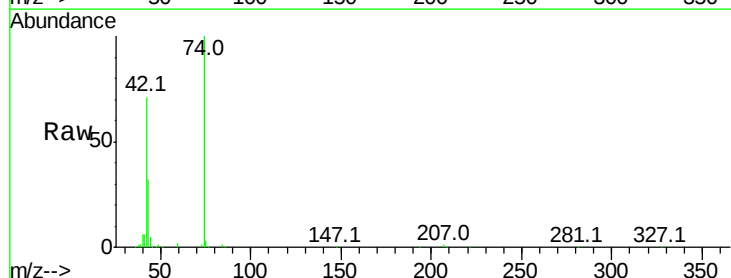
Instrument :
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 SSTDCCC040

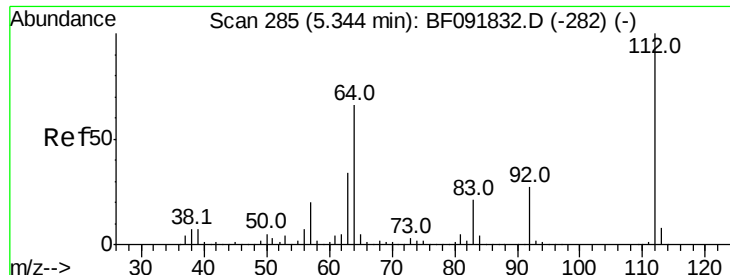
Tot Ion: 79 Resp: 998541
 Ion Ratio Lower Upper
 79 100
 52 69.7 57.1 85.7
 51 32.8 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 34.05 ng
 RT: 2.86 min Scan# 68
 Delta R.T. -0.08 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Tgt Ion: 42 Resp: 418824
 Ion Ratio Lower Upper
 42 100
 74 140.9 117.0 175.4
 44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 70.69 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

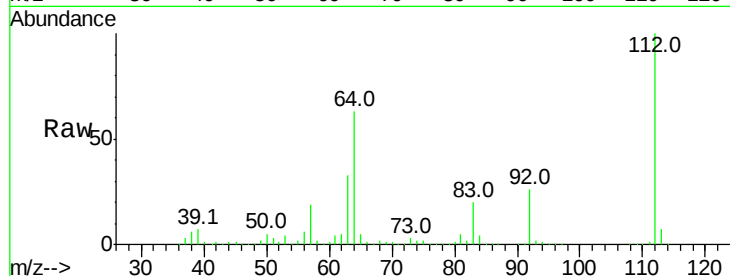
Tot Ion:112 Resp: 1341300

Ion Ratio Lower Upper

112 100

64 63.5 46.1 69.1

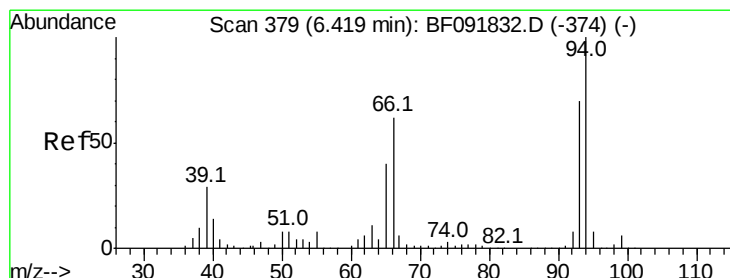
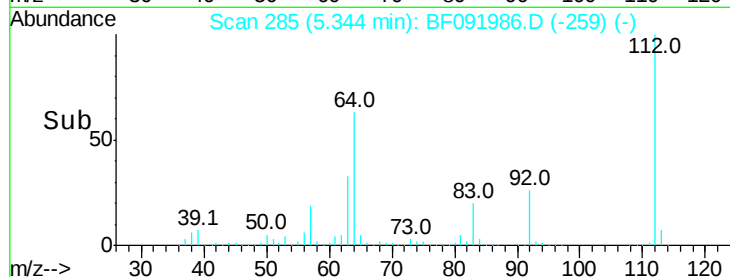
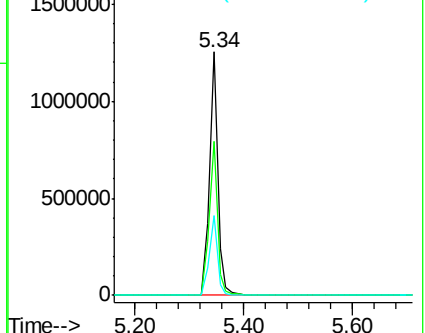
63 32.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.23 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

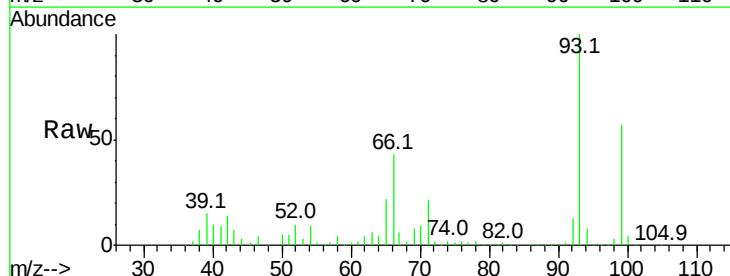
Tgt Ion: 93 Resp: 909762

Ion Ratio Lower Upper

93 100

66 43.1 76.2 114.2#

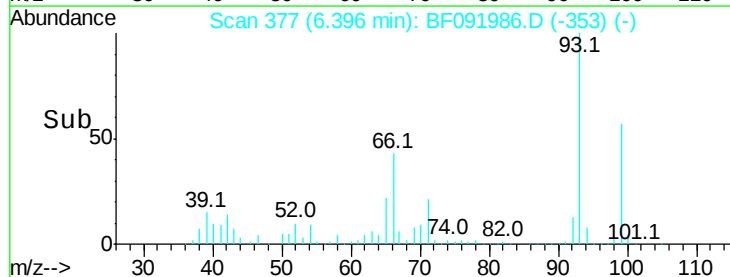
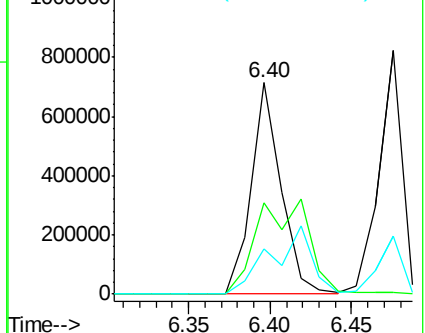
65 21.6 49.3 73.9#



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: 64.29 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

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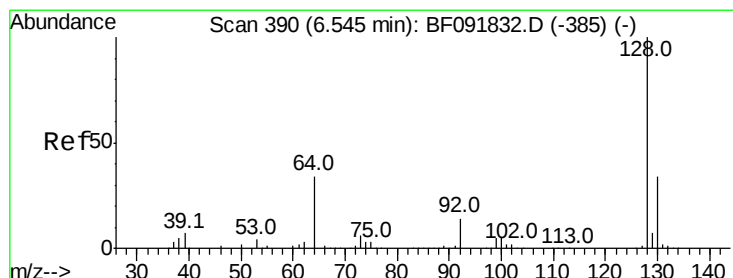
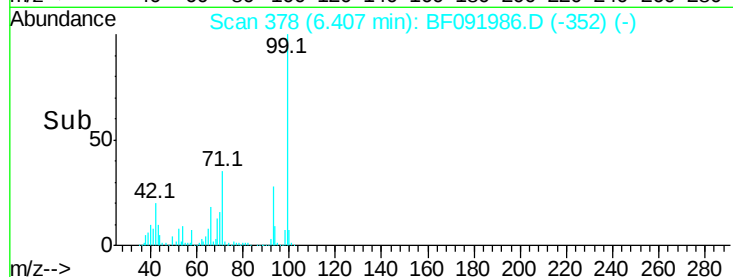
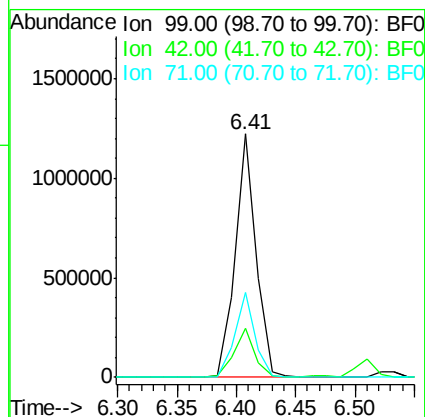
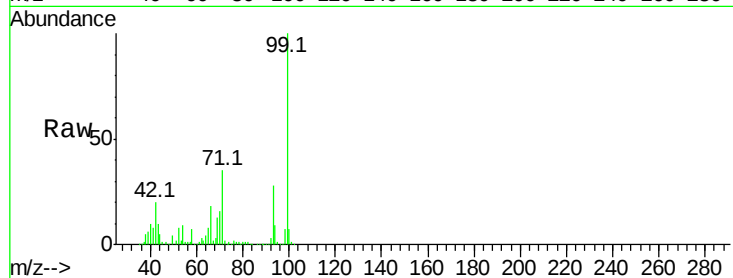
Tot Ion: 99 Resp: 1489441

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

71 35.0 27.5 41.3



#8

2-Chlorophenol

Concen: 32.60 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

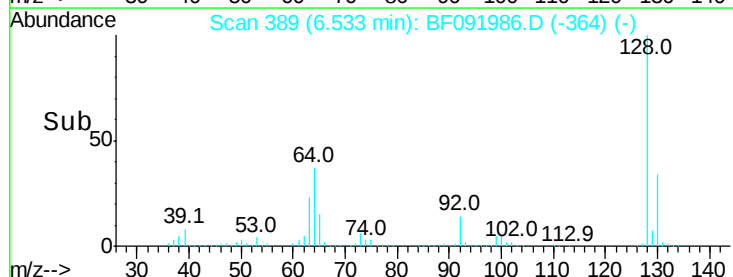
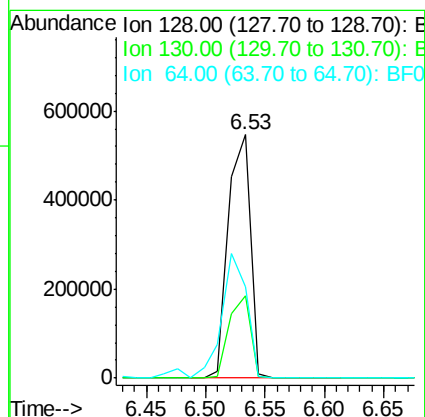
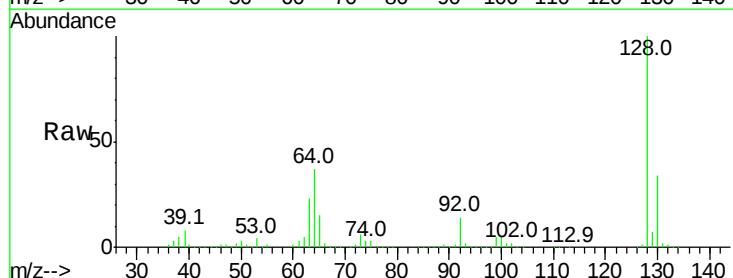
Tgt Ion: 128 Resp: 703603

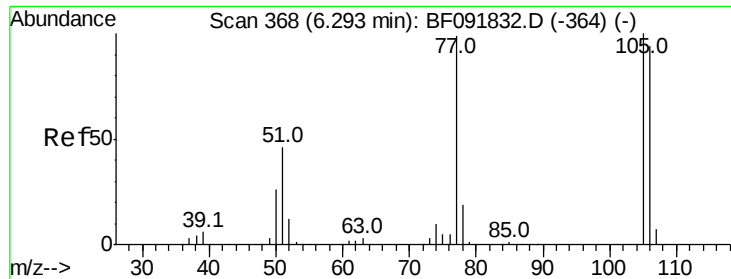
Ion Ratio Lower Upper

128 100

130 33.6 12.3 52.3

64 37.4 32.2 72.2

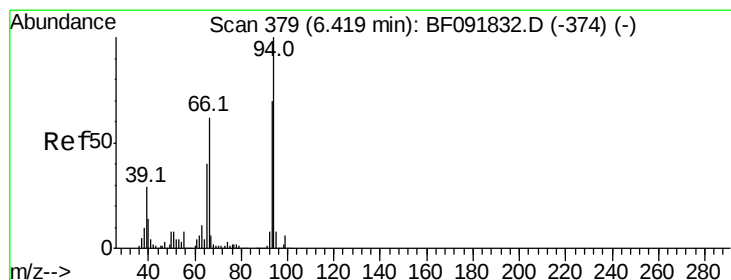
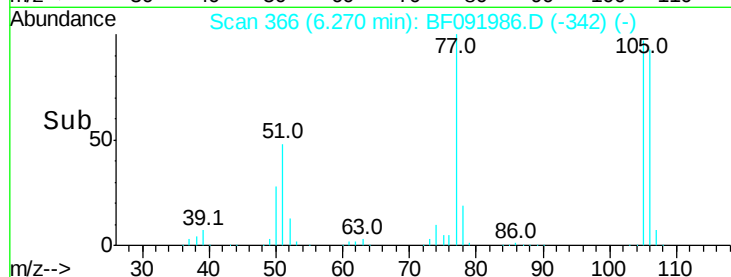
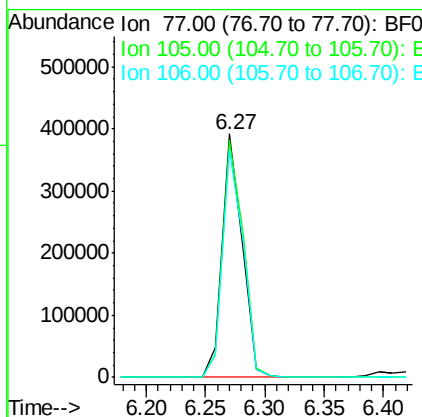
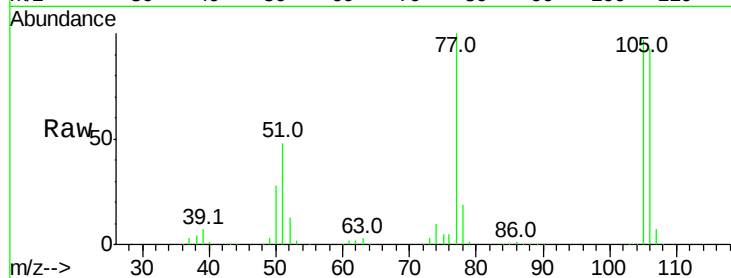




#9
Benzaldehyde
Concen: 31.73 ng
RT: 6.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

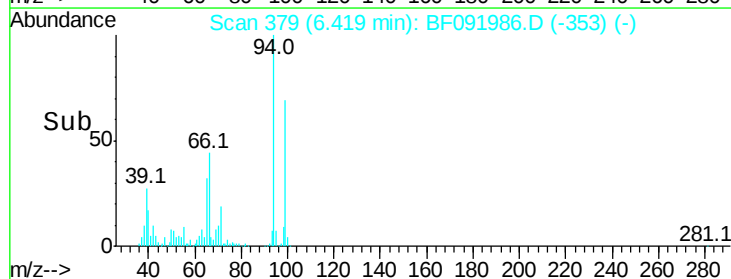
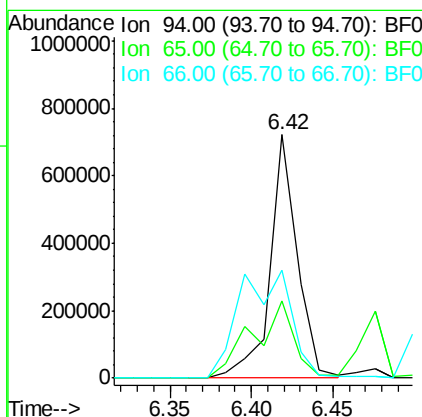
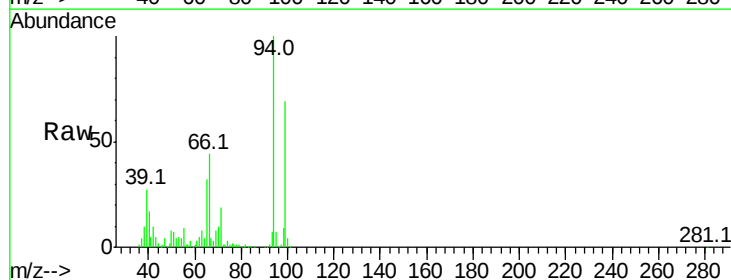
Instrument :
BNA_F
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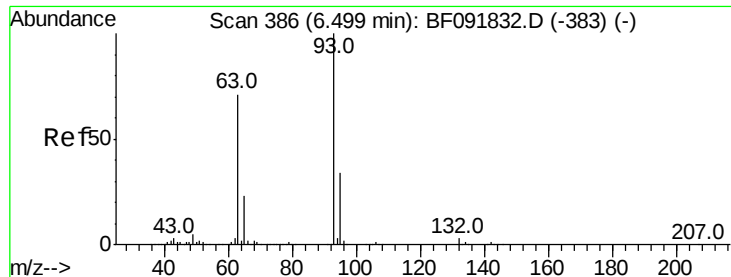
Tot Ion: 77 Resp: 451174
Ion Ratio Lower Upper
77 100
105 97.3 83.9 123.9
106 93.2 77.6 117.6



#10
Phenol
Concen: 31.66 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion: 94 Resp: 835779
Ion Ratio Lower Upper
94 100
65 31.9 21.4 61.4
66 44.3 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 38.16 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

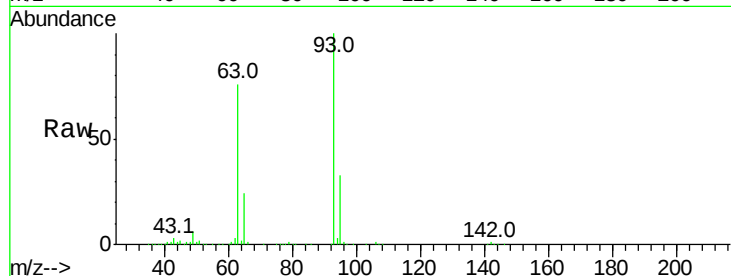
Tot Ion: 93 Resp: 801520

Ion Ratio Lower Upper

93 100

63 75.7 60.4 100.4

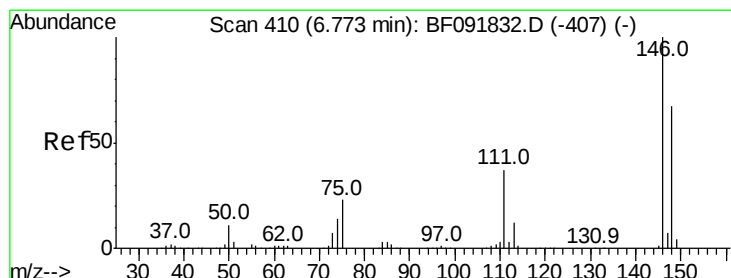
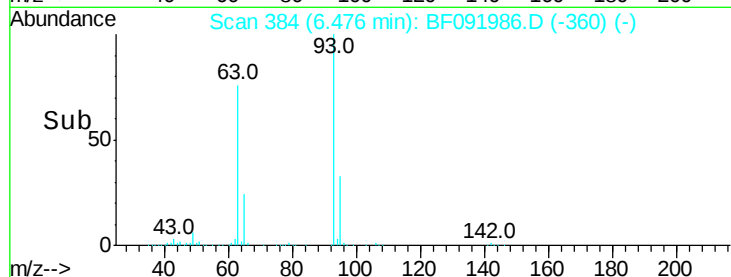
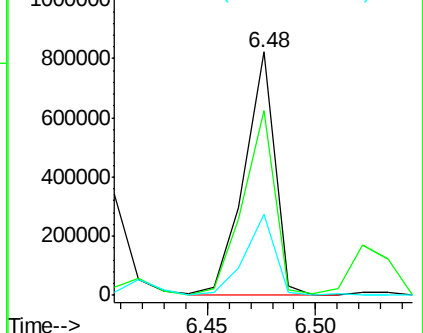
95 33.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.26 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

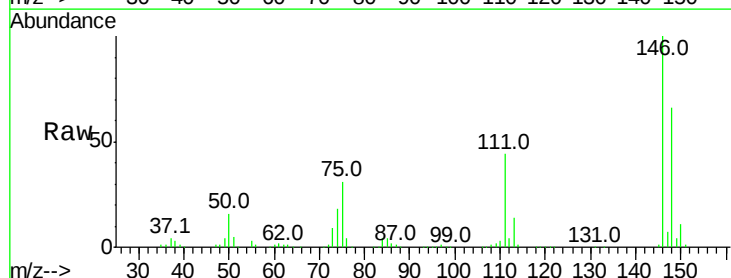
Tgt Ion: 146 Resp: 858574

Ion Ratio Lower Upper

146 100

148 65.7 53.4 80.0

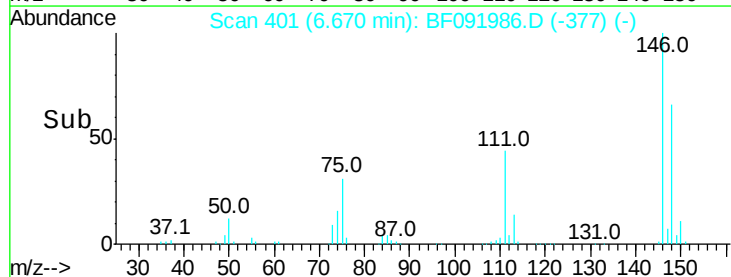
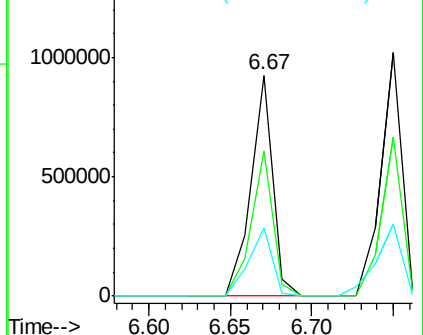
75 31.1 18.5 27.7#

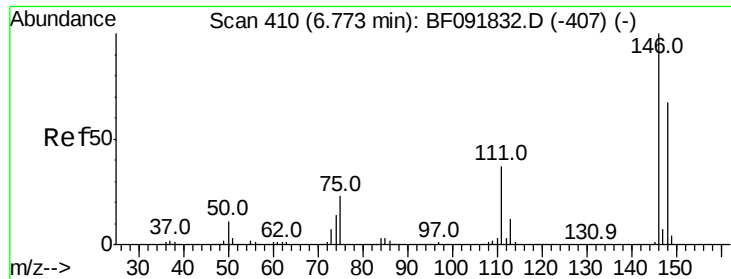


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.17 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

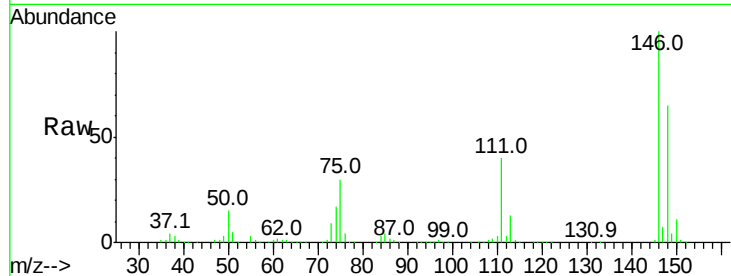
Tot Ion:146 Resp: 918729

Ion Ratio Lower Upper

146 100

148 65.3 50.6 76.0

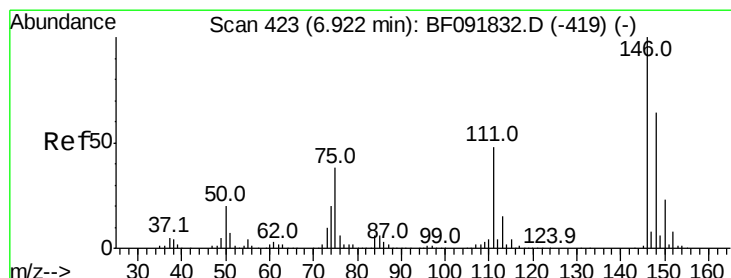
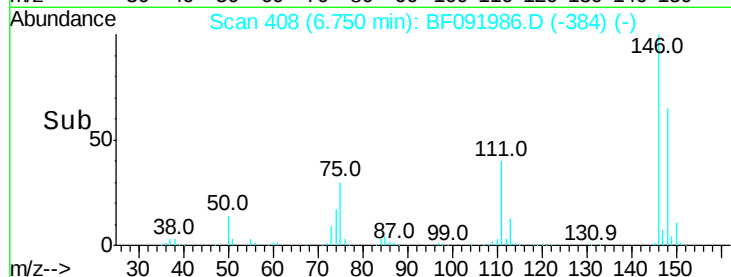
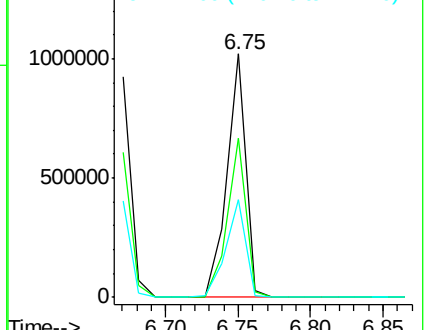
111 40.0 36.2 54.4



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



#14

1,2-Dichlorobenzene

Concen: 33.09 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

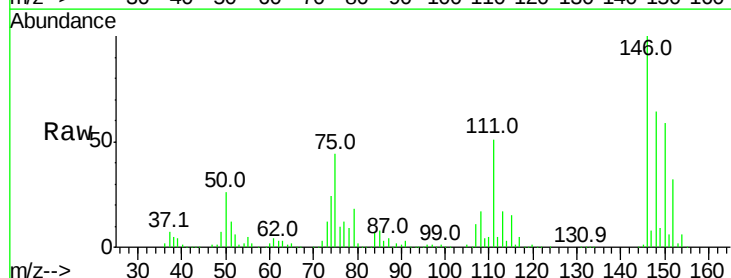
Tgt Ion:146 Resp: 673336

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

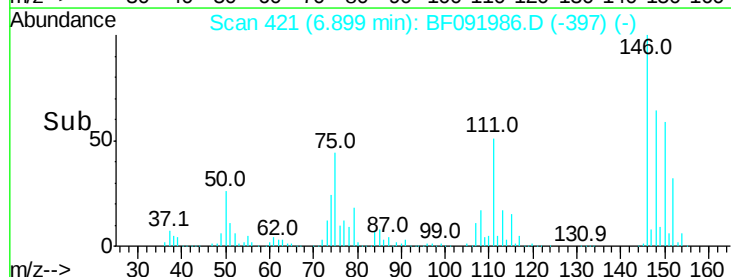
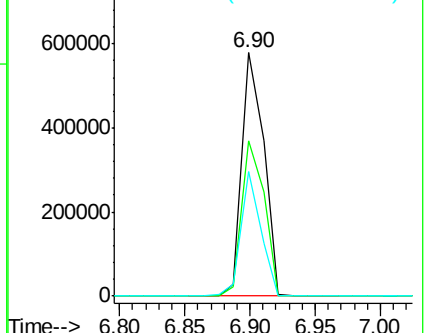
111 51.4 36.2 54.2

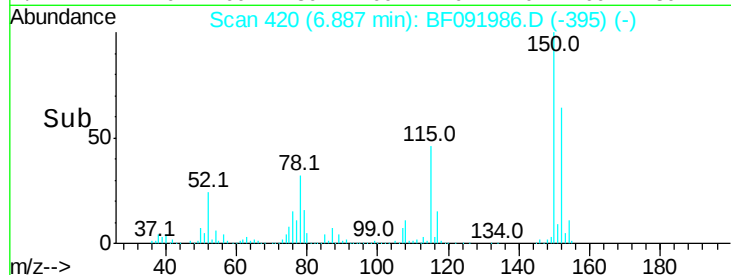
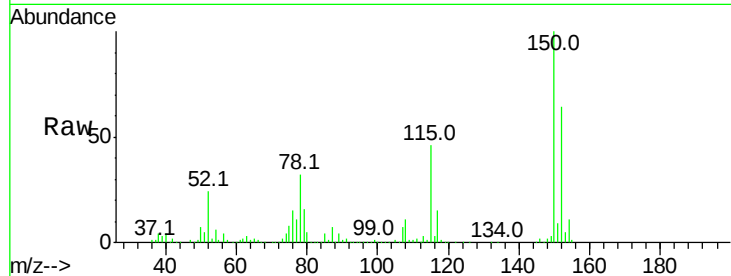


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 13.38 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

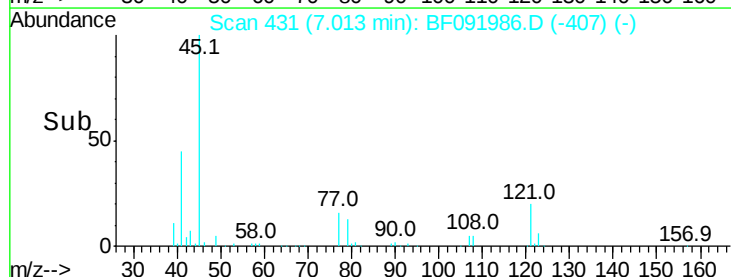
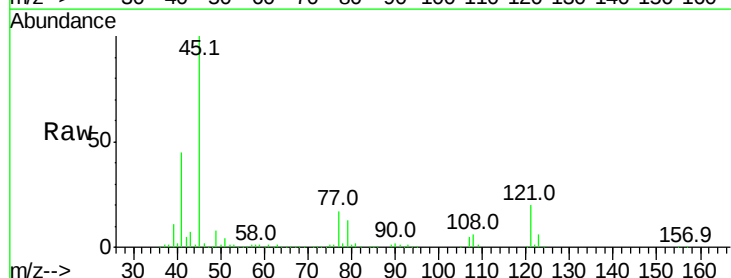
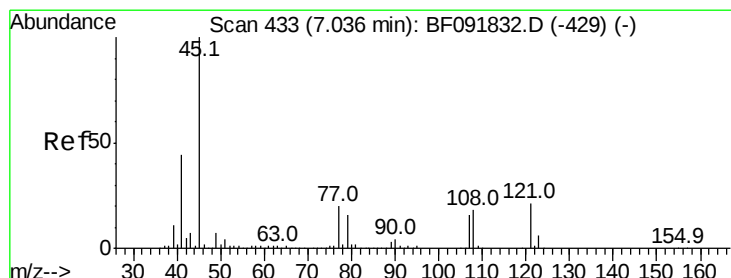
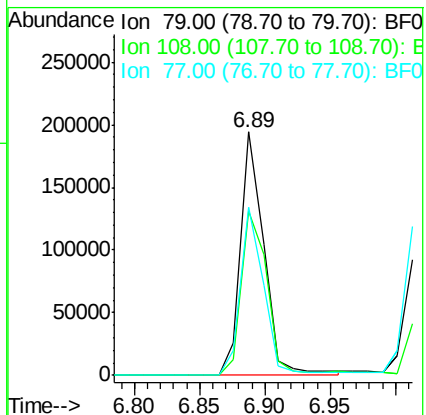
Tot Ion: 79 Resp: 240907

Ion Ratio Lower Upper

79 100

108 67.5 61.4 92.0

77 68.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.81 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

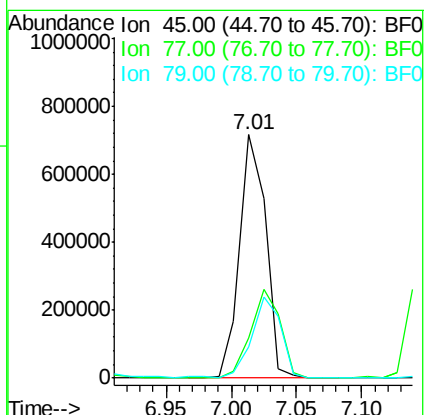
Tgt Ion: 45 Resp: 995116

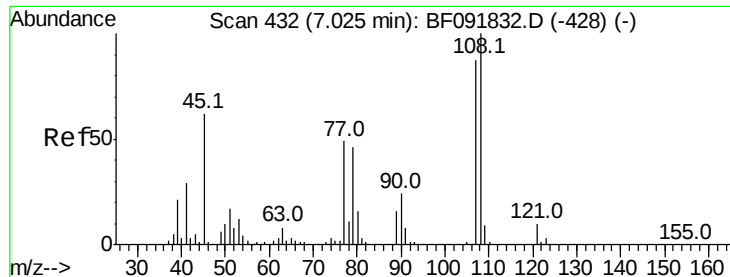
Ion Ratio Lower Upper

45 100

77 16.6 0.0 34.6

79 12.9 0.0 31.2

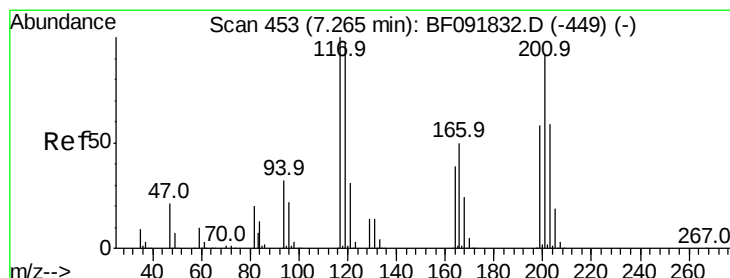
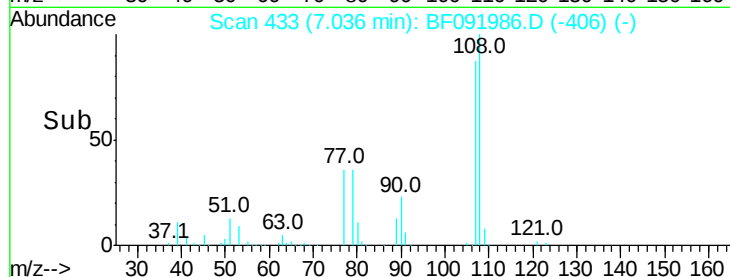
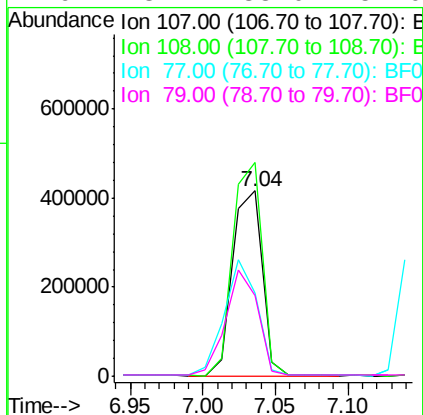
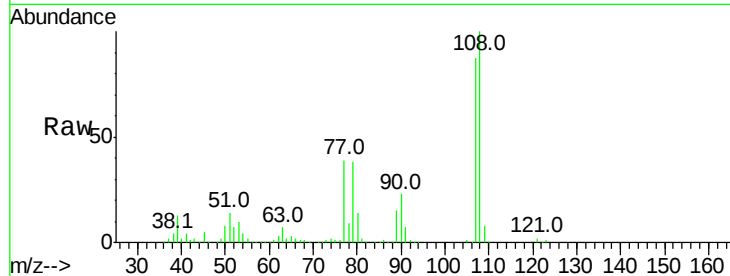




#17
2-Methylphenol
Concen: 34.00 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

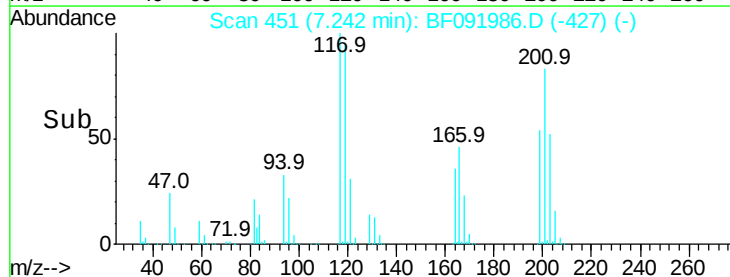
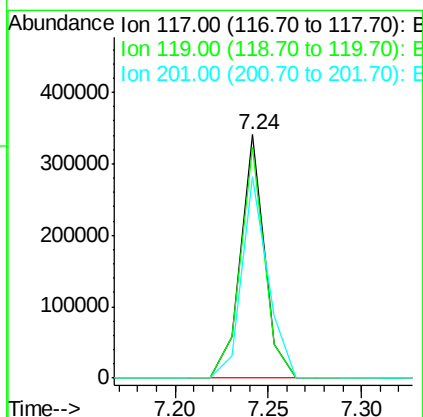
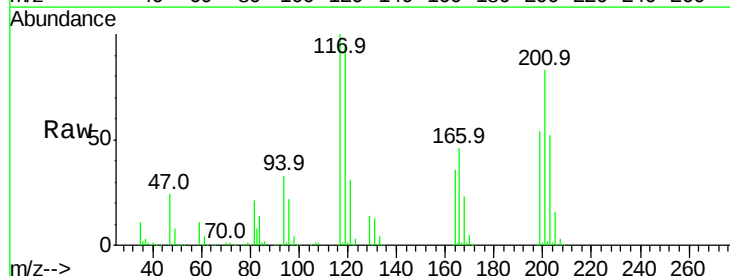
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

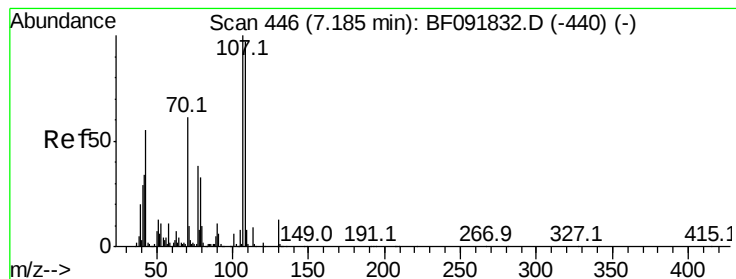
Tot Ion:	107	Resp:	590152
Ion	Ratio	Lower	Upper
107	100		
108	115.1	93.0	139.6
77	45.1	39.8	59.8
79	43.4	38.0	57.0



#18
Hexachloroethane
Concen: 35.26 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion:	117	Resp:	306612
Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.1	117.1
201	82.9	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 30.74 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 473849

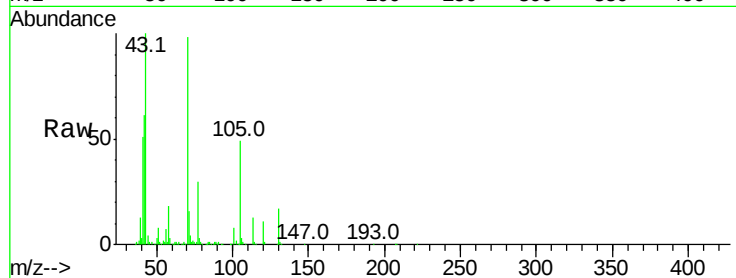
Ion Ratio Lower Upper

70 100

42 61.7 49.4 74.0

101 8.5 7.4 11.2

130 17.2 14.2 21.4

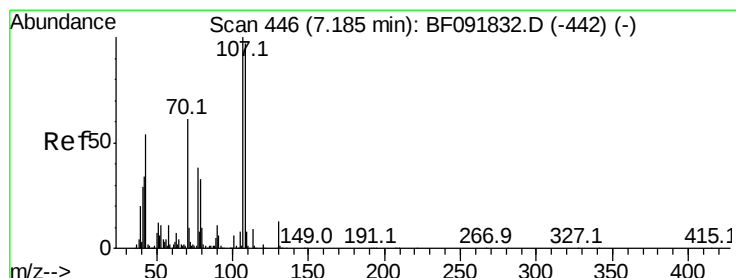
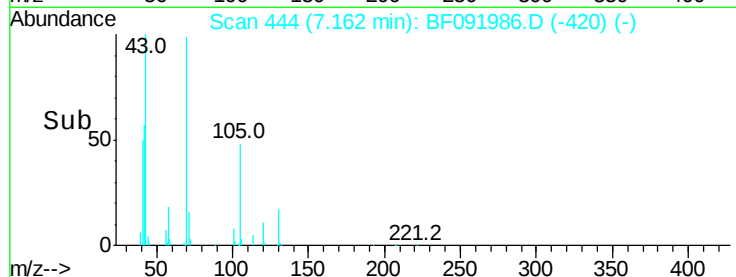
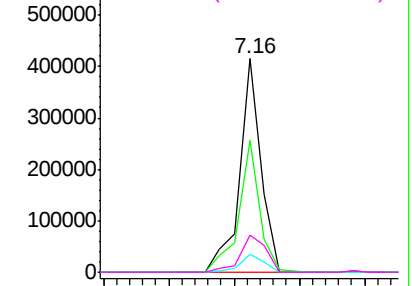


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 40.30 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Tgt Ion: 107 Resp: 834441

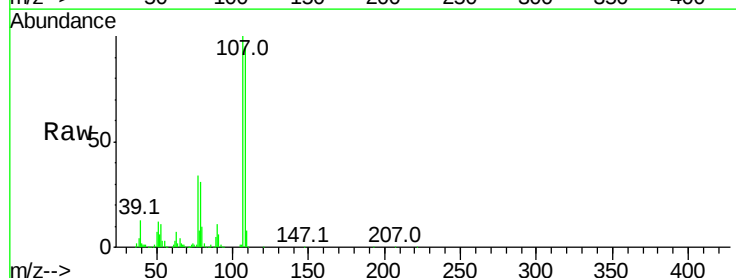
Ion Ratio Lower Upper

107 100

108 94.8 73.0 113.0

77 33.7 71.3 111.3#

79 31.0 11.1 51.1

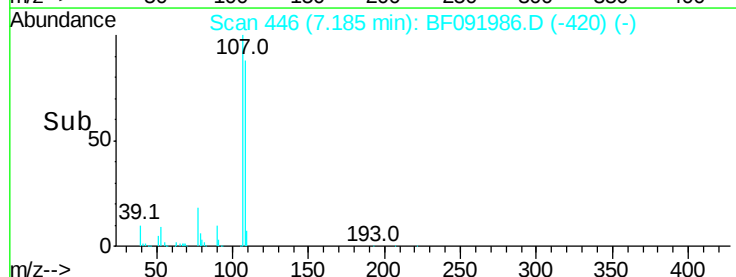
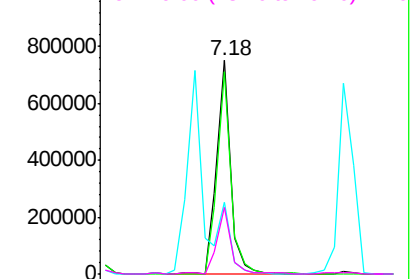


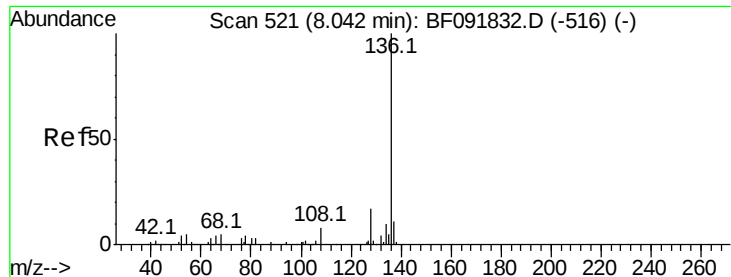
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

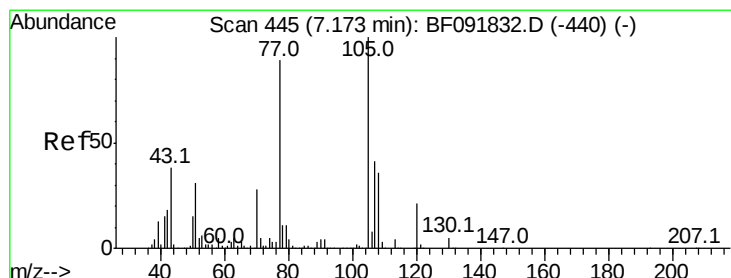
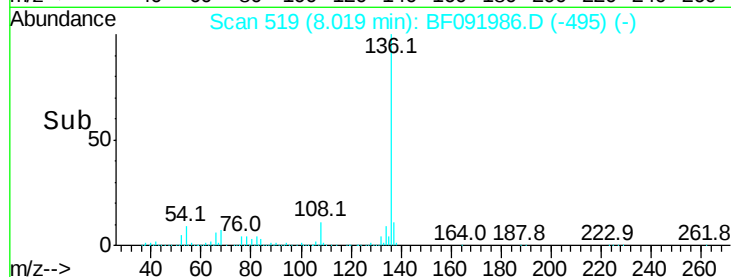
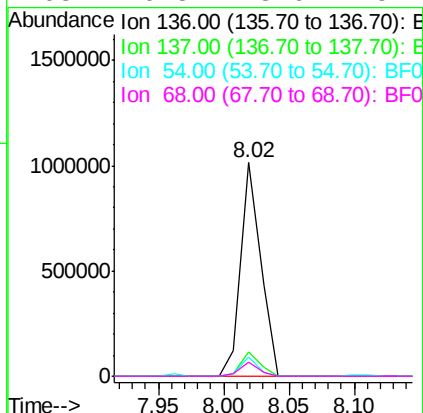
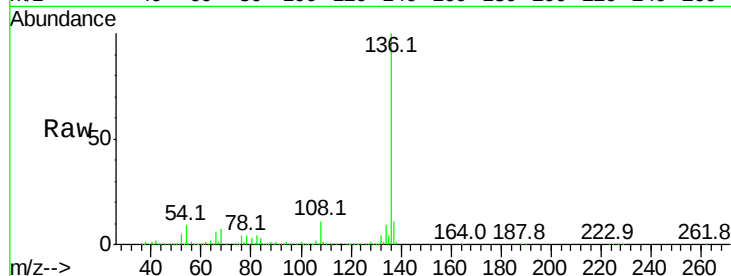




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

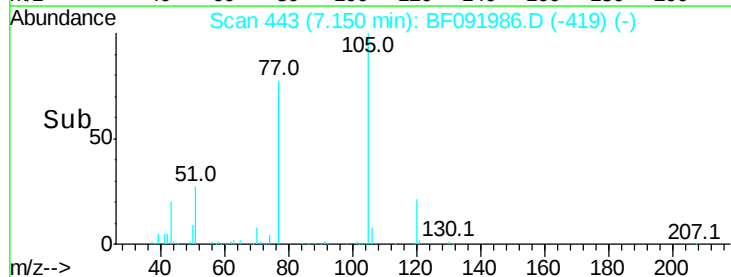
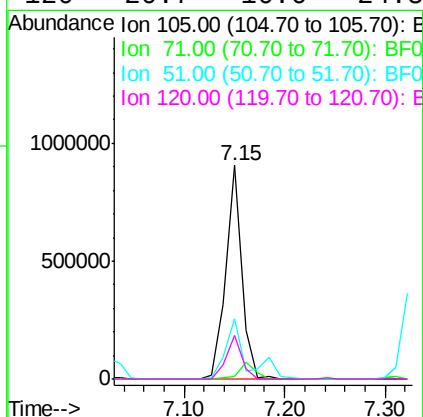
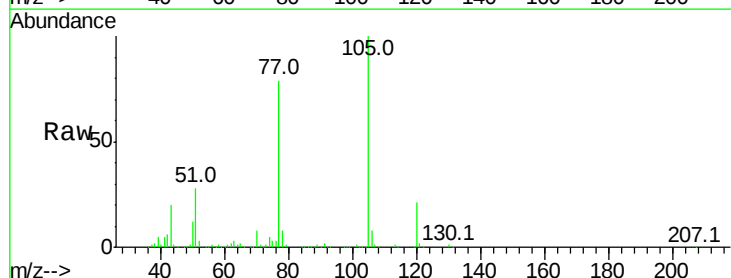
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp: 1084085
Ion Ratio	Lower Upper
136 100	
137 11.5	8.4 12.6
54 9.1	4.5 6.7#
68 6.8	3.6 5.4#



#22
Acetophenone
Concen: 37.52 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt	Ion:105	Resp:	1003359
Ion	Ratio	Lower	Upper
105	100		
71	1.4	3.2	4.8#
51	28.2	26.2	39.4
120	20.7	16.6	24.8



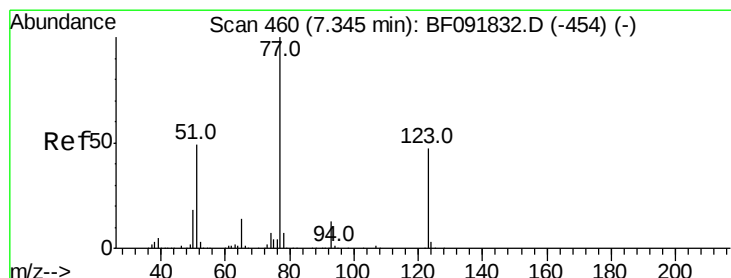
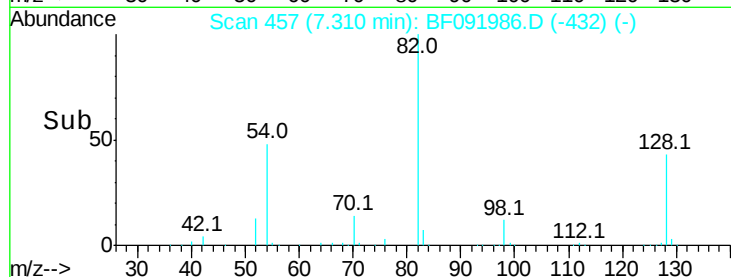
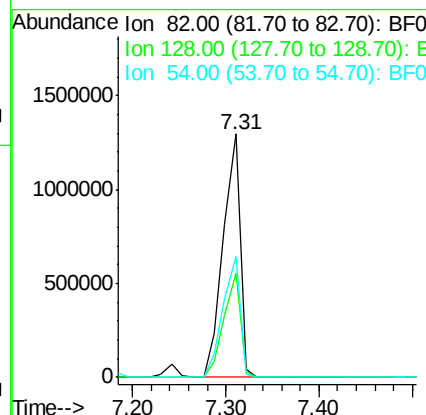
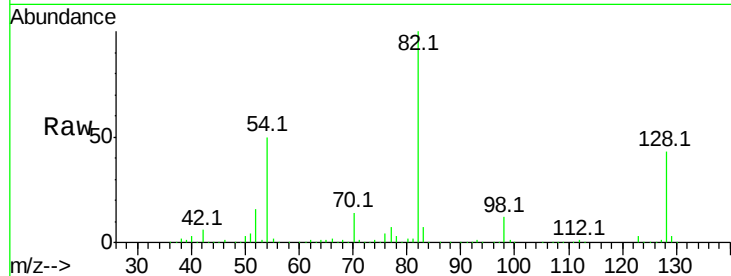


#23
 Nitrobenzene-d5
 Concen: 84.44 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1646148

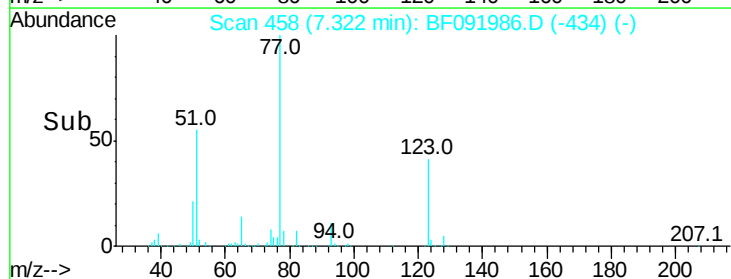
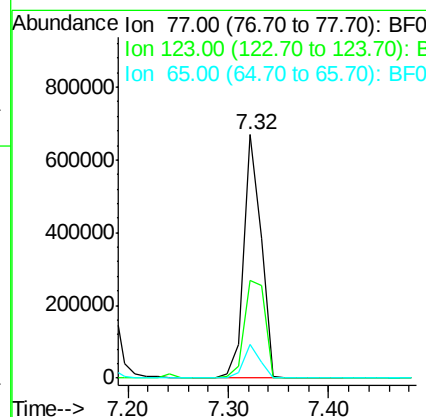
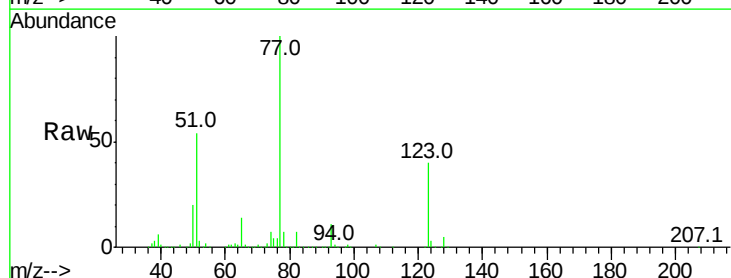
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	49.5	39.5	59.3

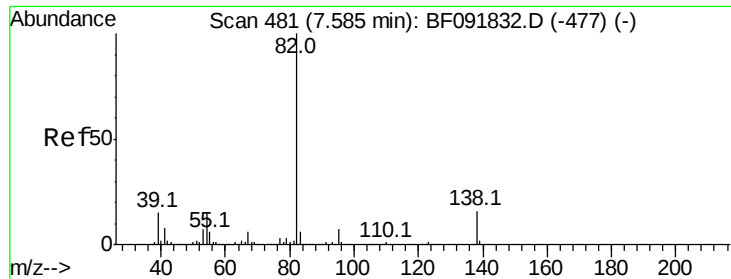


#24
 Nitrobenzene
 Concen: 38.39 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Tgt Ion: 77 Resp: 797216

Ion	Ratio	Lower	Upper
77	100		
123	39.9	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 41.30 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

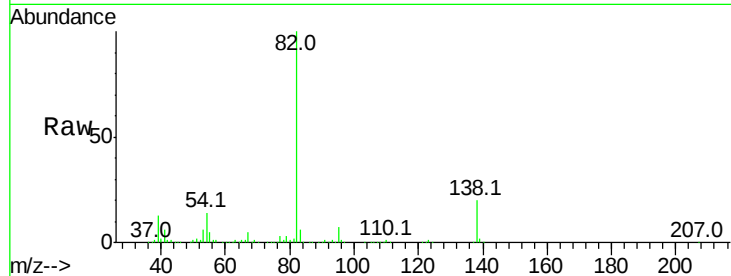
Tot Ion: 82 Resp: 1485627

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

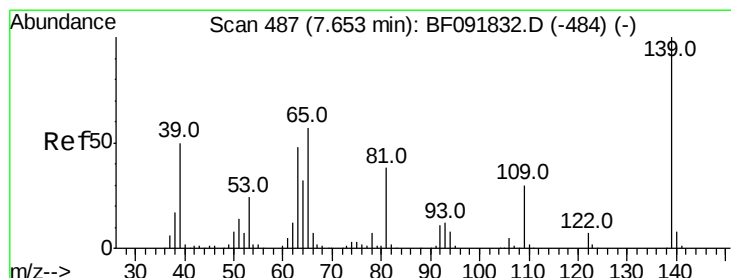
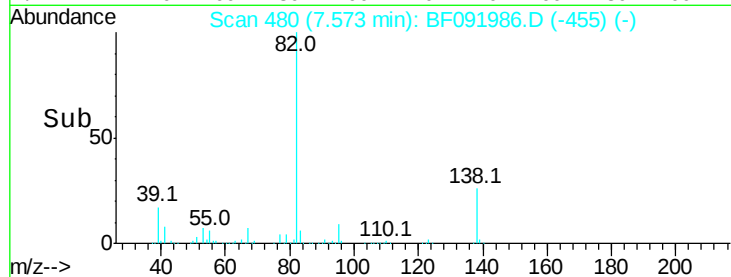
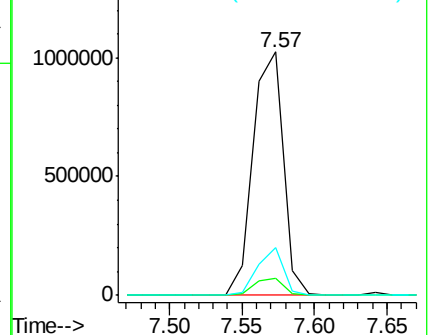
138 19.7 14.6 22.0



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: 42.09 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

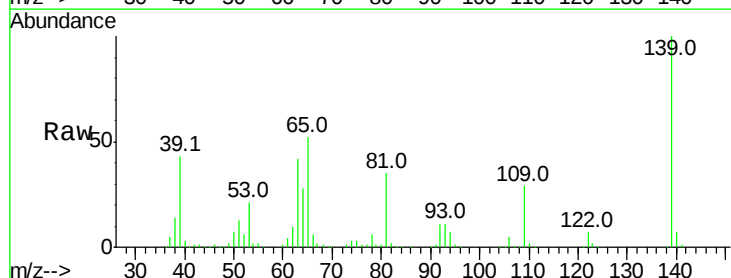
Tgt Ion:139 Resp: 431038

Ion Ratio Lower Upper

139 100

109 28.7 23.3 34.9

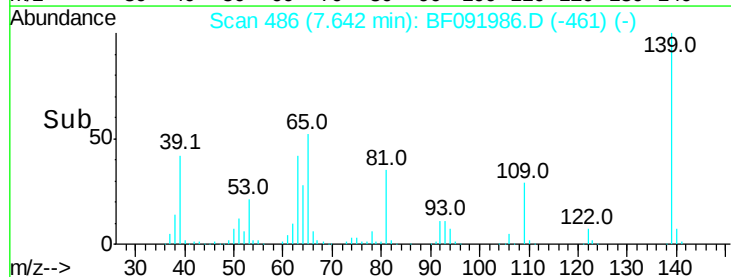
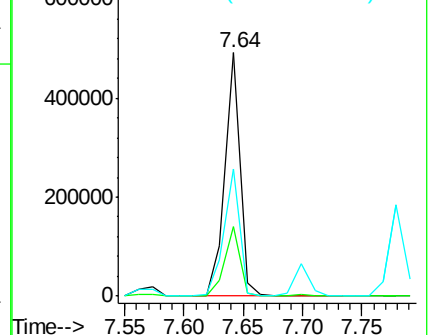
65 52.2 42.7 64.1

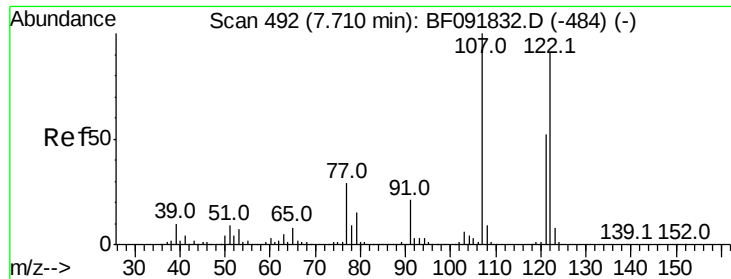


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

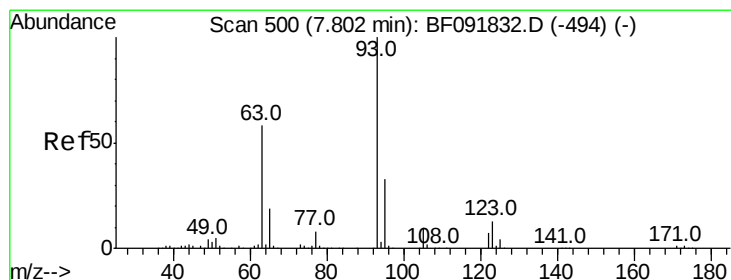
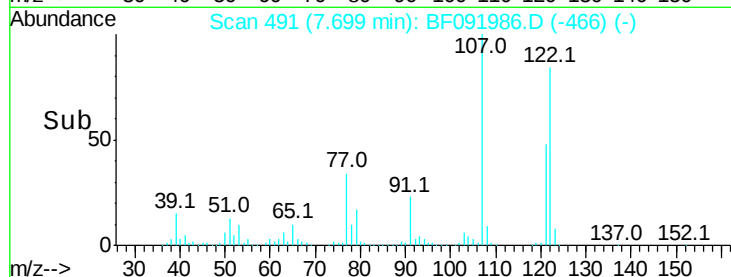
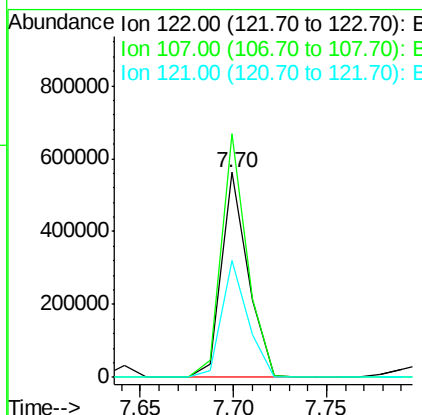
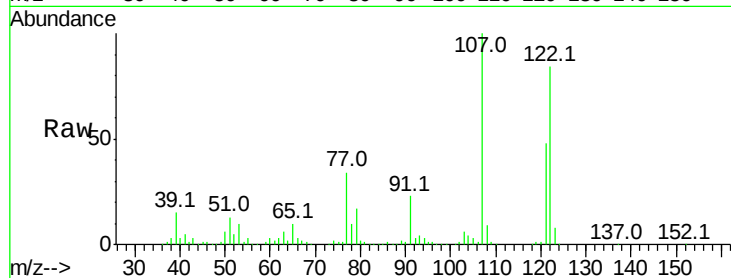




#27
2,4-Dimethylphenol
Concen: 33.01 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

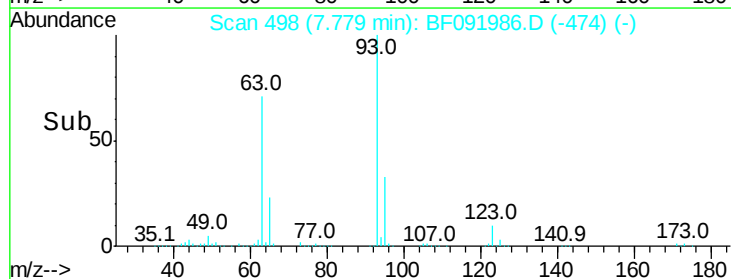
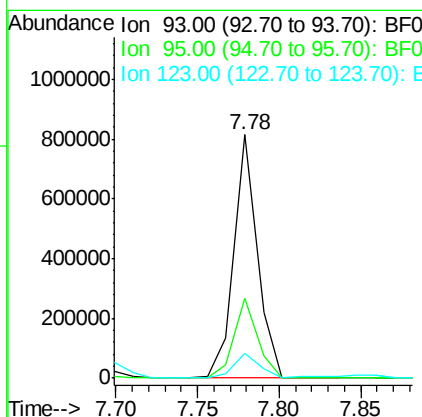
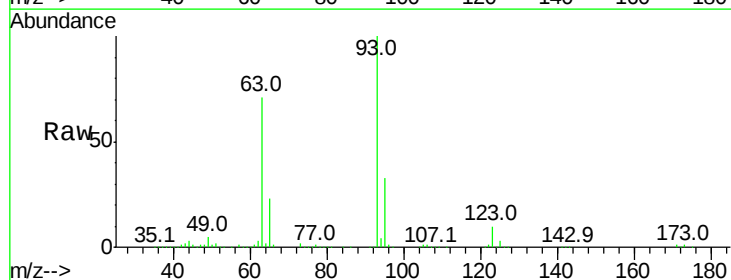
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

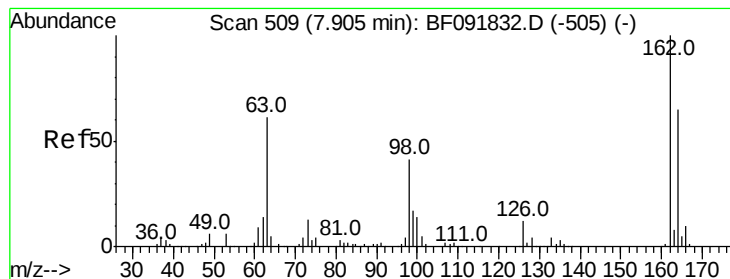
Tot Ion:122 Resp: 560640
Ion Ratio Lower Upper
122 100
107 119.0 94.1 141.1
121 57.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 37.07 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion: 93 Resp: 808623
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.1 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 41.72 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

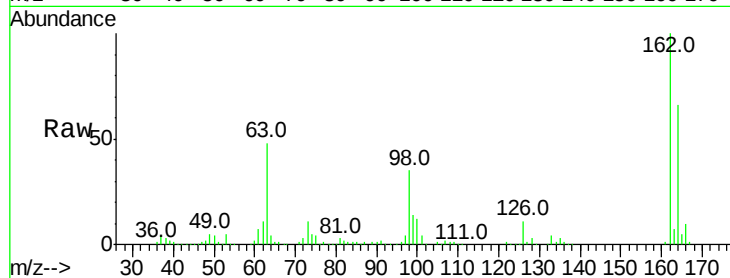
Tot Ion:162 Resp: 600008

Ion Ratio Lower Upper

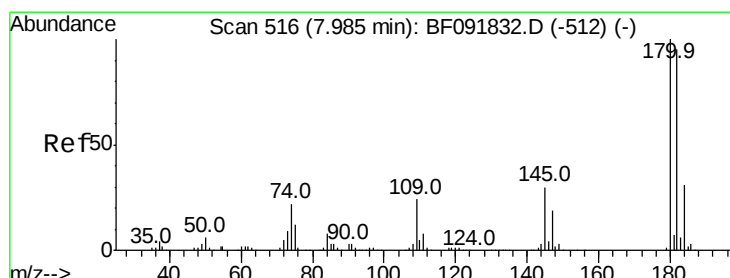
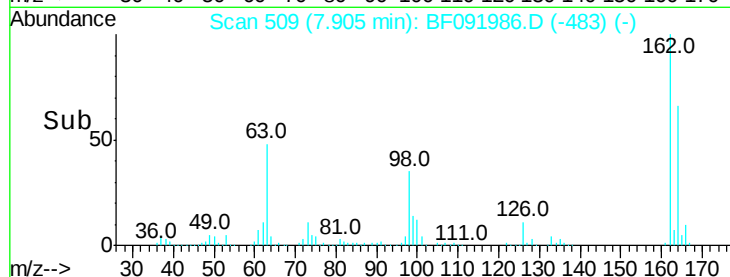
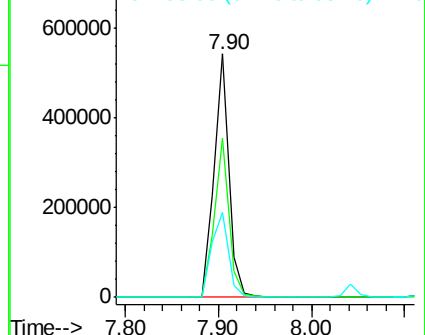
162 100

164 65.6 46.8 86.8

98 34.9 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: 38.83 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

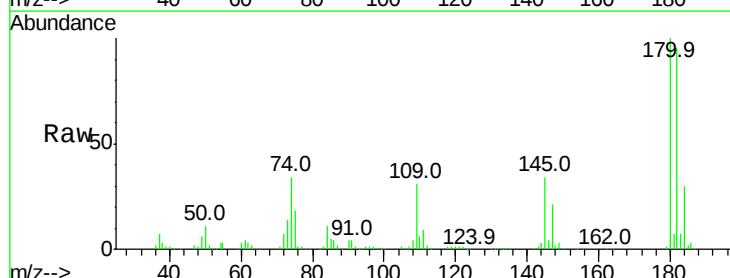
Tgt Ion:180 Resp: 611898

Ion Ratio Lower Upper

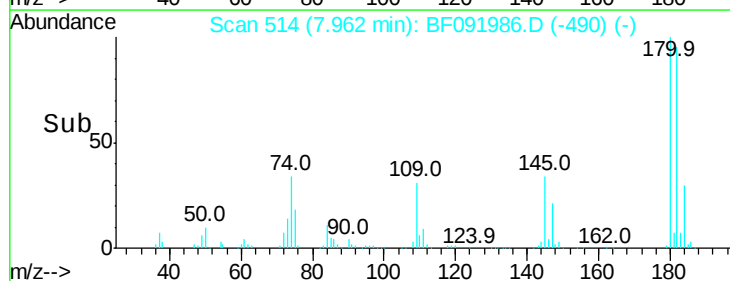
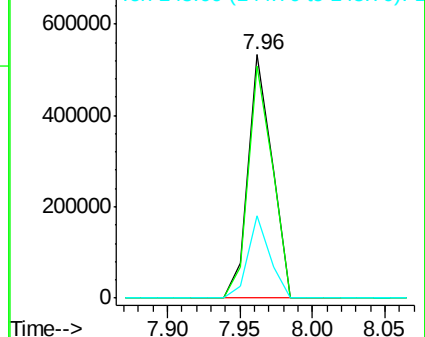
180 100

182 95.2 78.2 117.4

145 33.8 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: 35.21 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

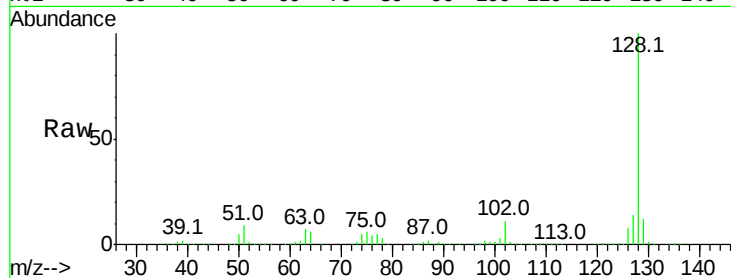
Tot Ion:128 Resp: 1747024

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

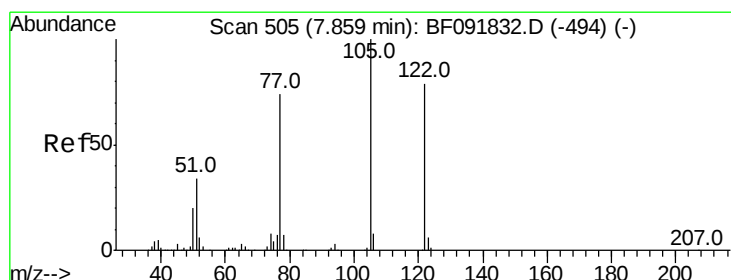
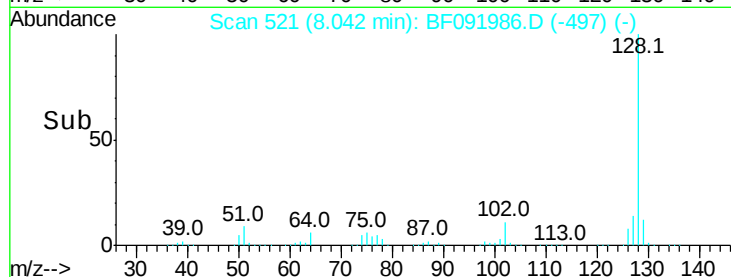
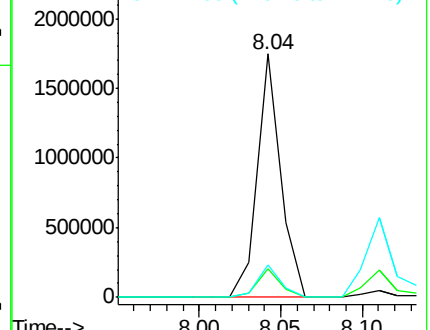
127 13.6 10.8 16.2



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: 29.09 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

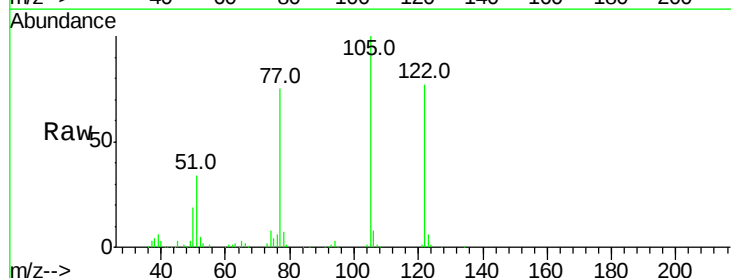
Tgt Ion:122 Resp: 366444

Ion Ratio Lower Upper

122 100

105 129.8 107.2 147.2

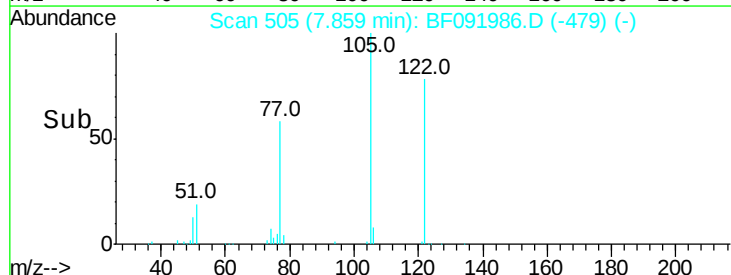
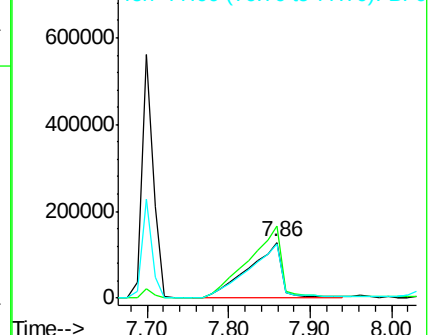
77 97.3 74.5 114.5

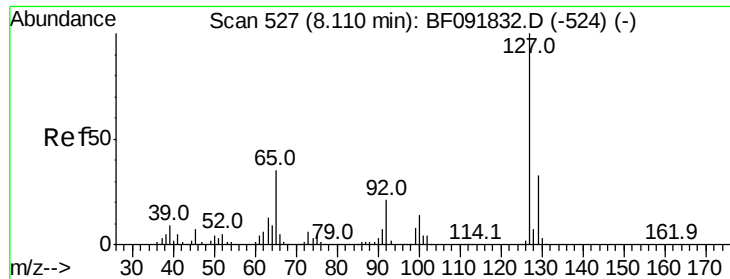


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

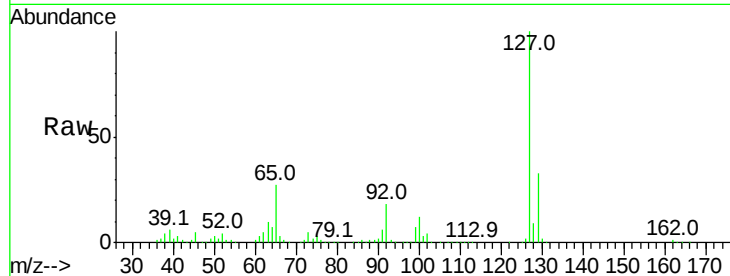




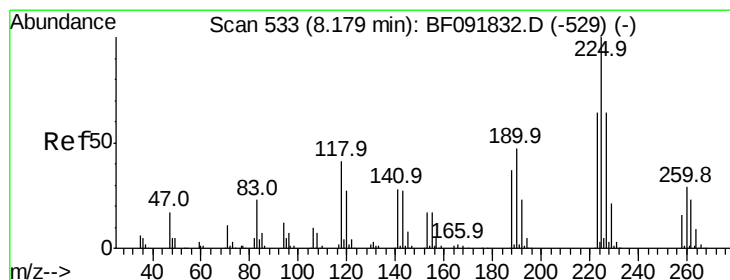
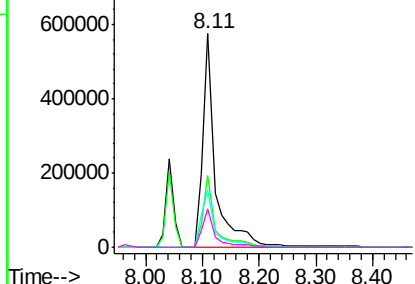
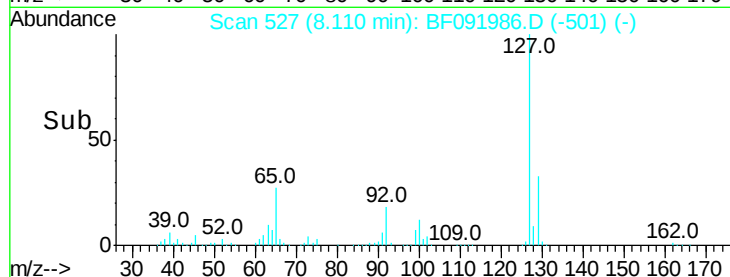
#33
4-Chloroaniline
Concen: 39.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	872409
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	27.2	25.8	38.8
92	17.8	16.1	24.1

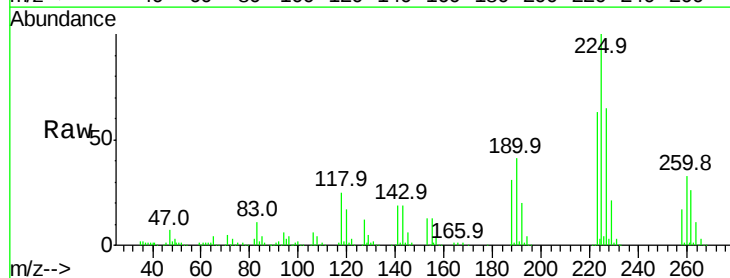


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

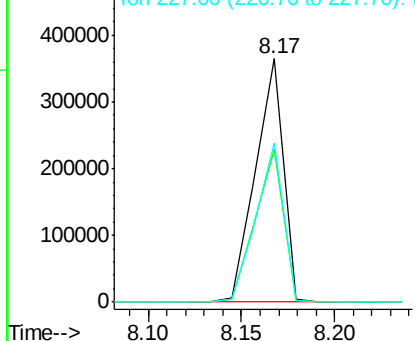
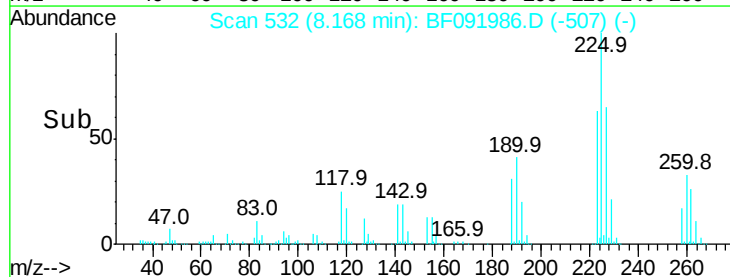


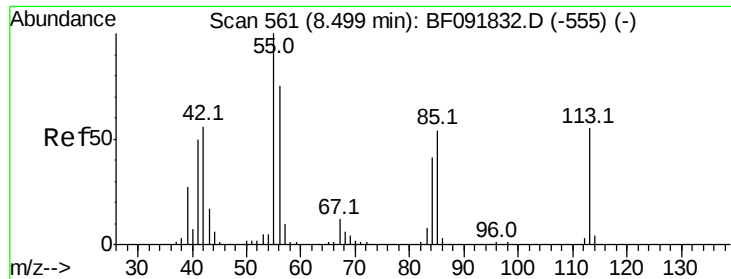
#34
Hexachlorobutadiene
Concen: 44.97 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion:	225	Resp:	374062
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	65.3	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

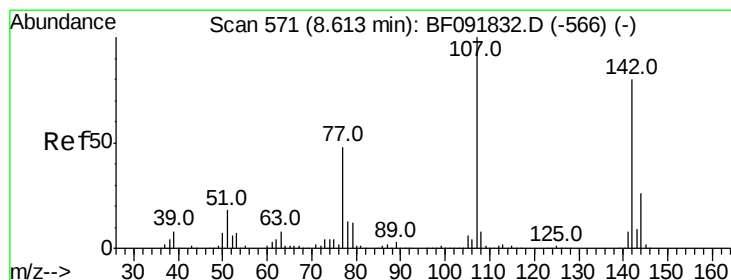
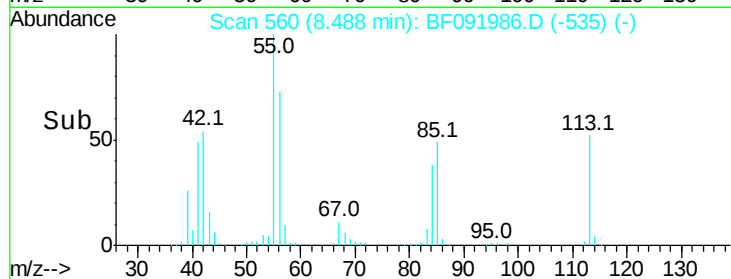
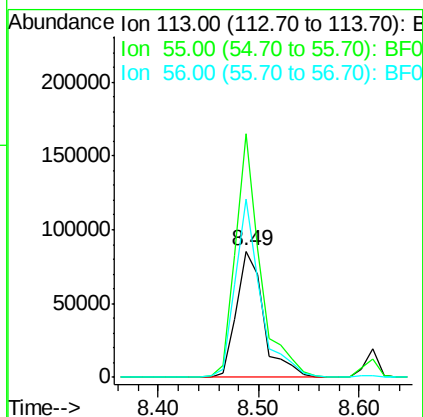
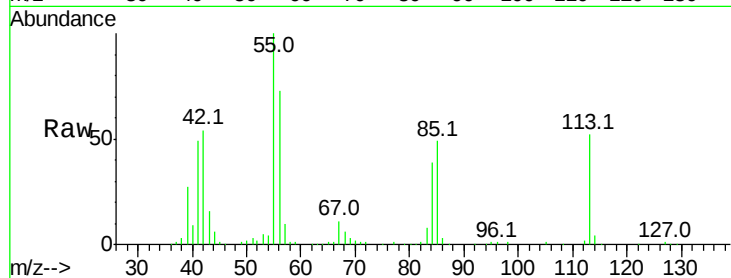




#35
 Caprolactam
 Concen: 34.18 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

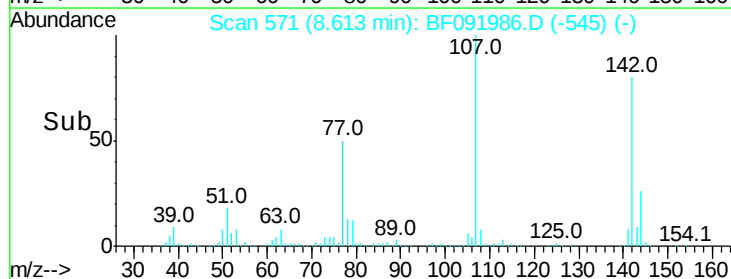
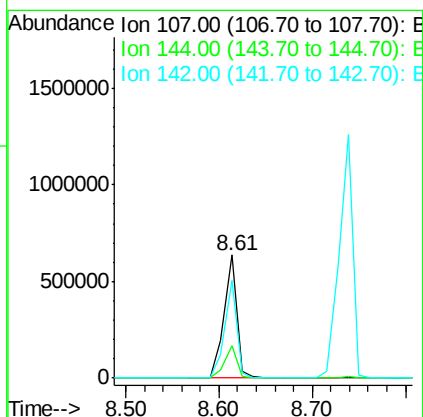
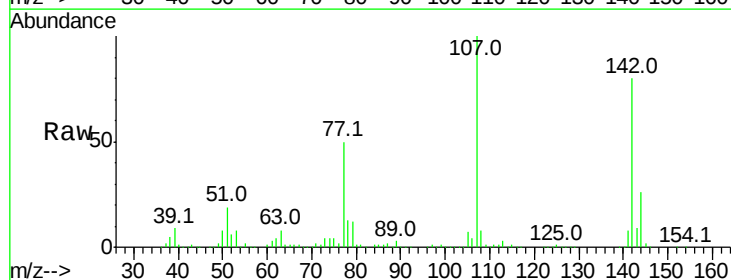
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

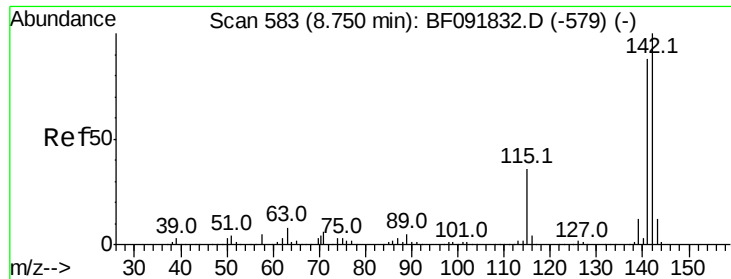
Tot Ion:113 Resp: 161543
 Ion Ratio Lower Upper
 113 100
 55 193.3 119.2 159.2#
 56 141.4 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 36.57 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Tgt Ion:107 Resp: 605215
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.3 28.9
 142 80.0 59.0 88.6





#37

2-Methylnaphthalene

Concen: 42.42 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

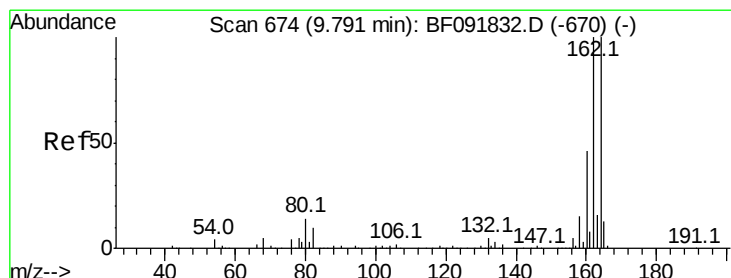
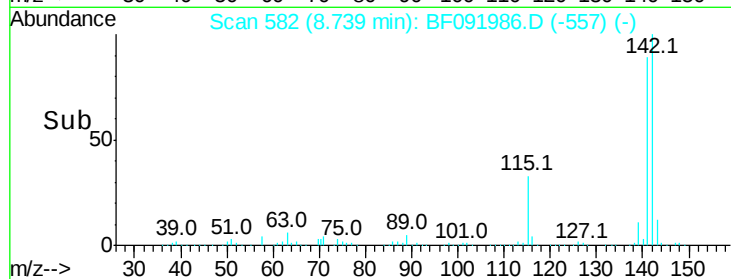
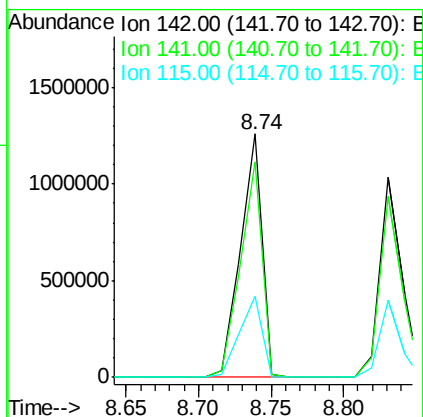
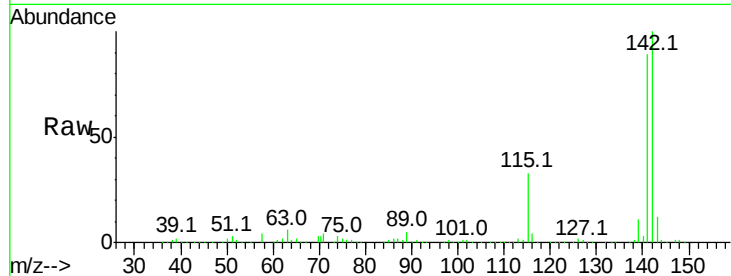
Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1302080

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	33.2	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

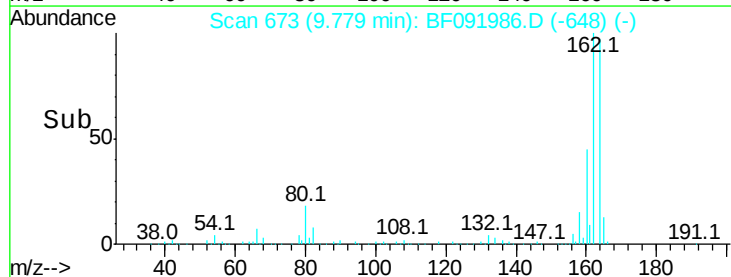
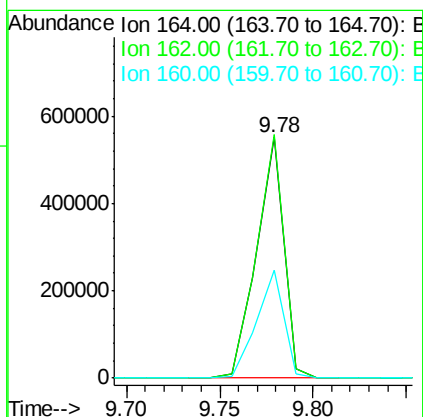
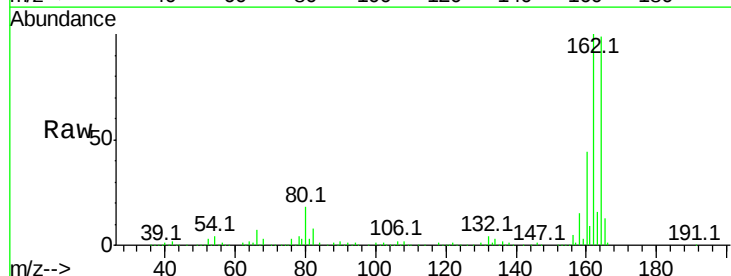
Delta R.T. -0.01 min

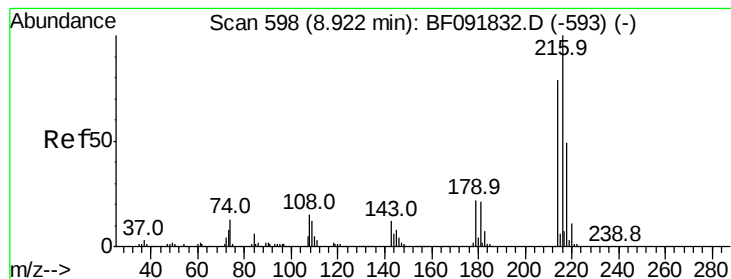
Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Tgt Ion:164 Resp: 555607

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	45.0	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.98 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 505132

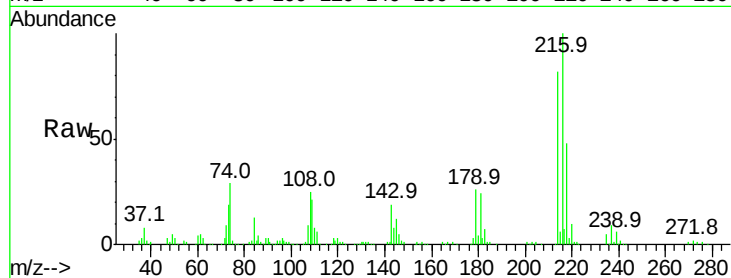
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 22.4 17.4 26.2

108 20.8 15.6 23.4

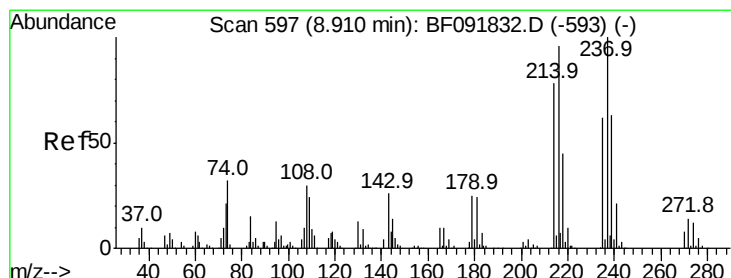
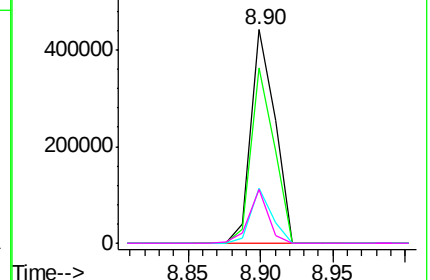
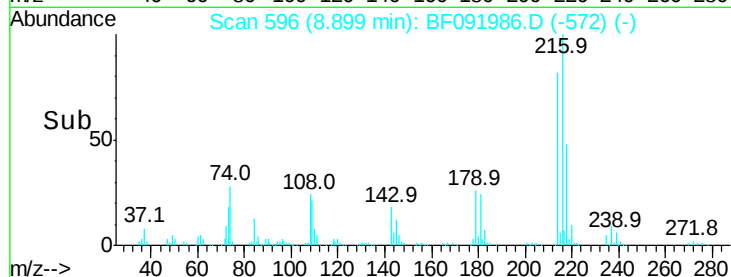


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.18 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

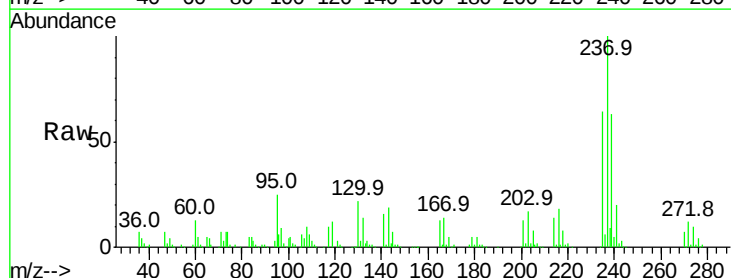
Tgt Ion:237 Resp: 185523

Ion Ratio Lower Upper

237 100

235 63.9 41.2 81.2

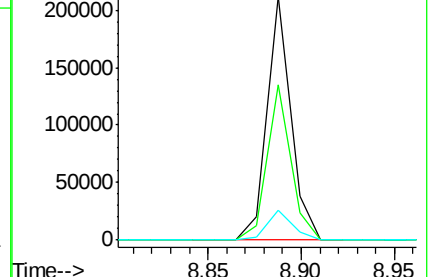
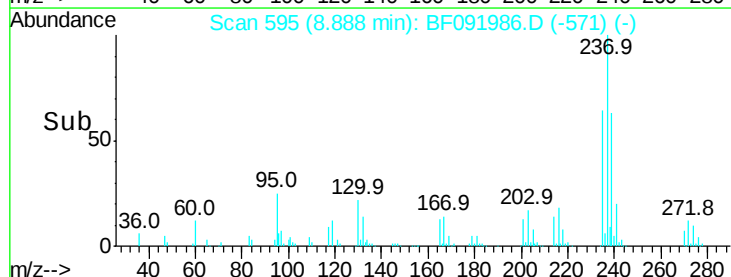
272 12.2 0.0 35.4

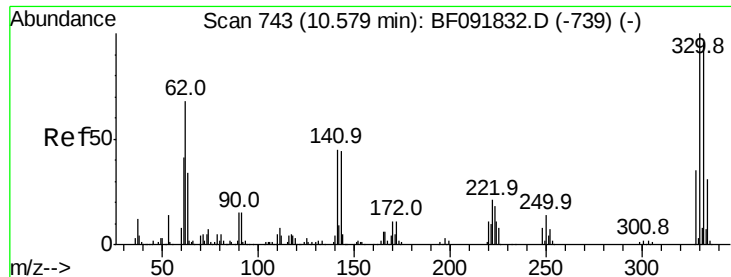


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

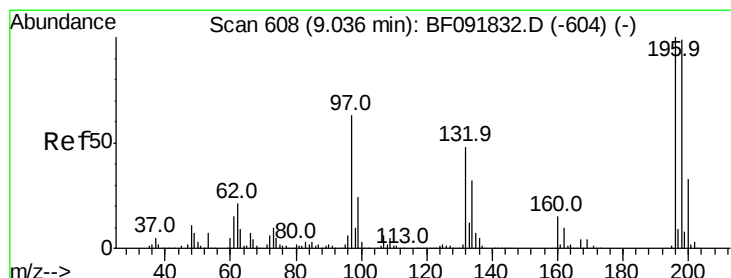
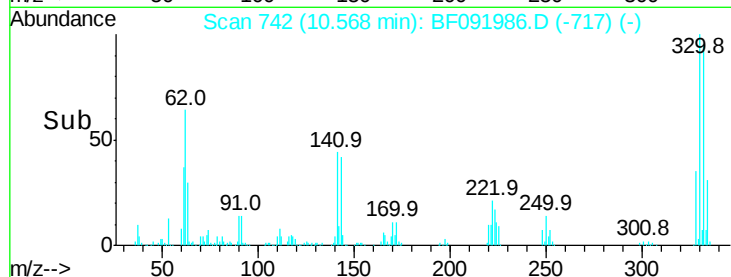
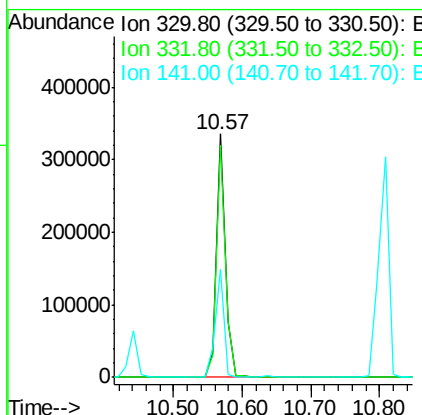
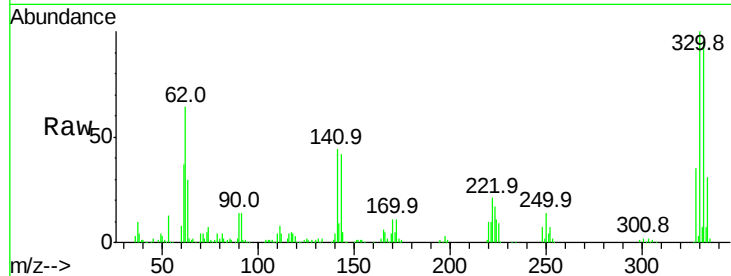




#41
 2,4,6-Tribromophenol
 Concen: 68.16 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

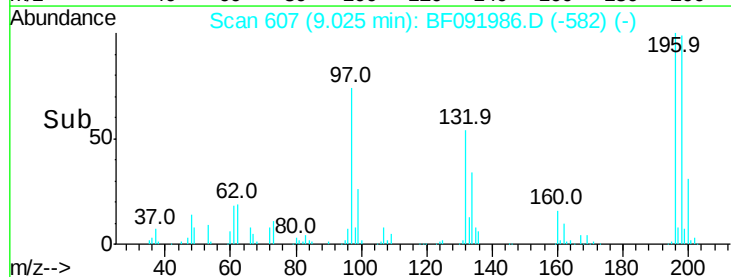
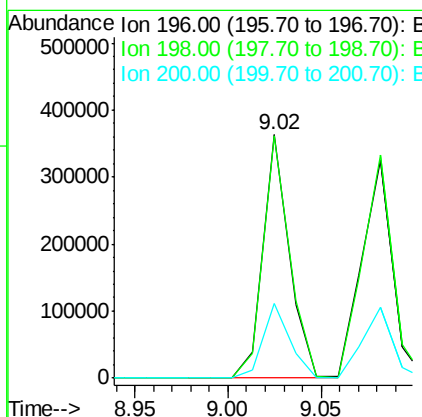
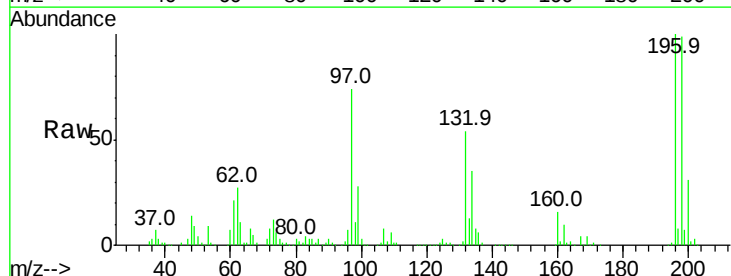
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 313420
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 43.5 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 36.05 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Tgt Ion:196 Resp: 353870
 Ion Ratio Lower Upper
 196 100
 198 99.5 82.1 123.1
 200 30.9 27.0 40.4

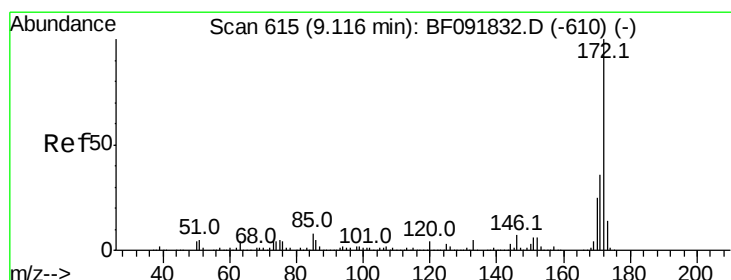
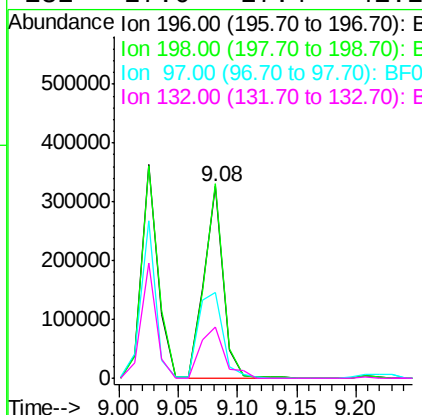
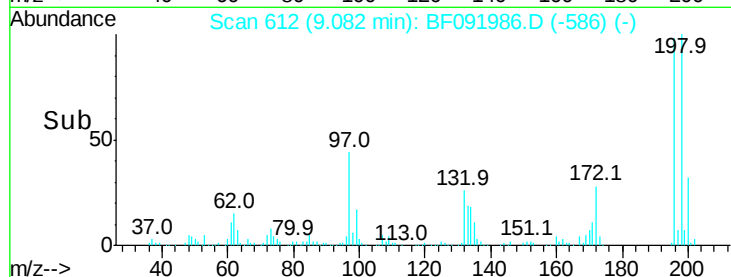
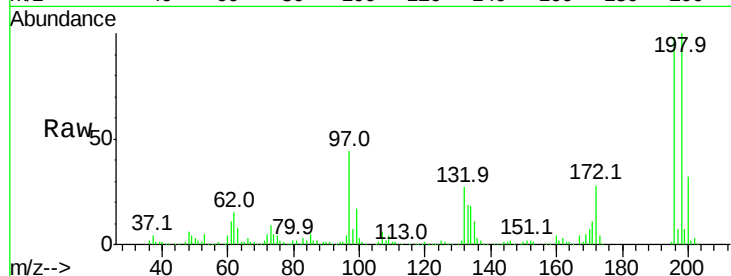




#43
 2,4,5-Trichlorophenol
 Concen: 36.30 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

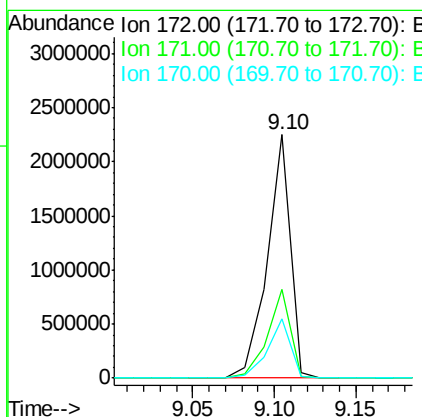
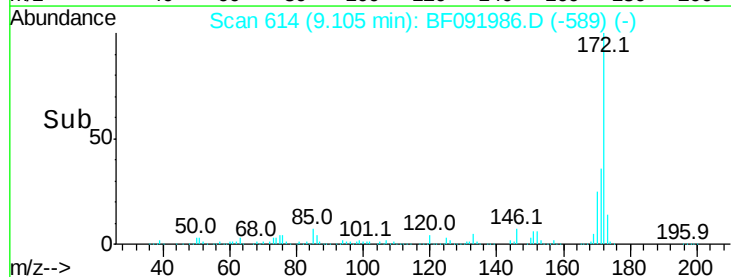
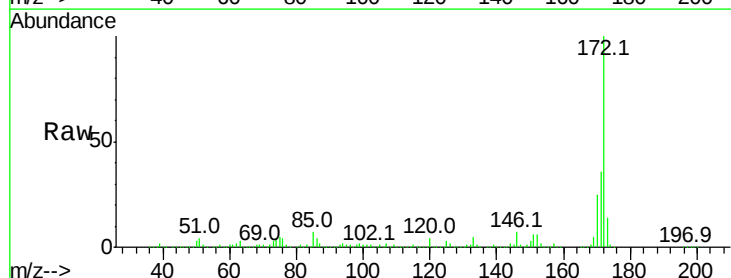
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

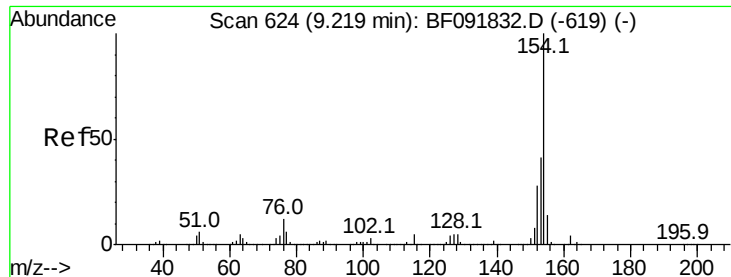
Tot Ion:	196	Resp:	366759
Ion	Ratio	Lower	Upper
196	100		
198	101.8	79.4	119.2
97	44.6	51.5	77.3#
132	27.0	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 80.99 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Tgt Ion:	172	Resp:	2212779
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.6	20.2	30.4

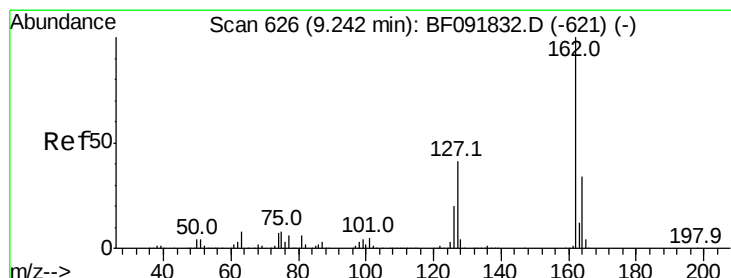
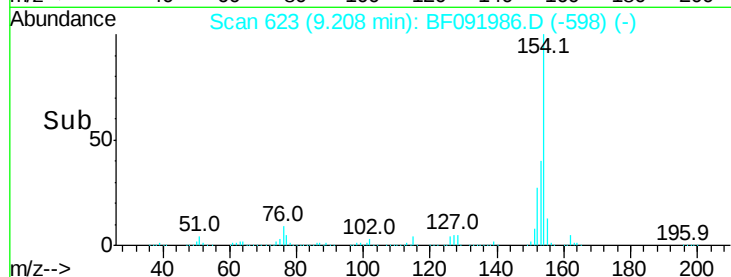
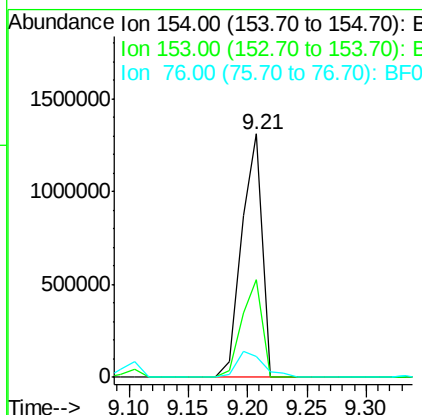
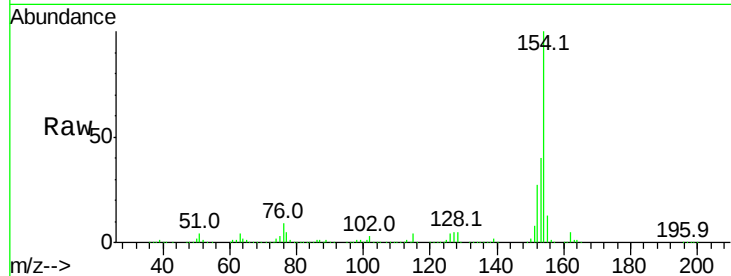




#45
 1,1'-Biphenyl
 Concen: 41.02 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

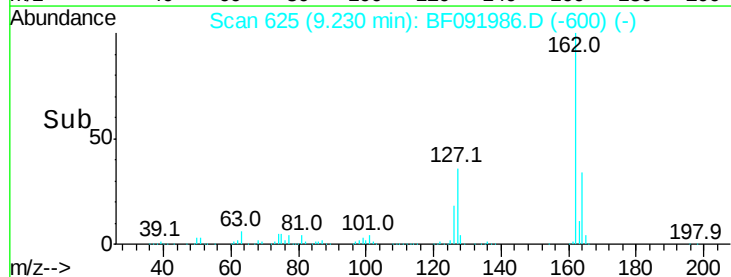
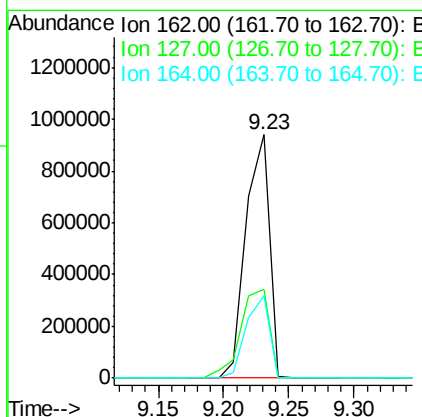
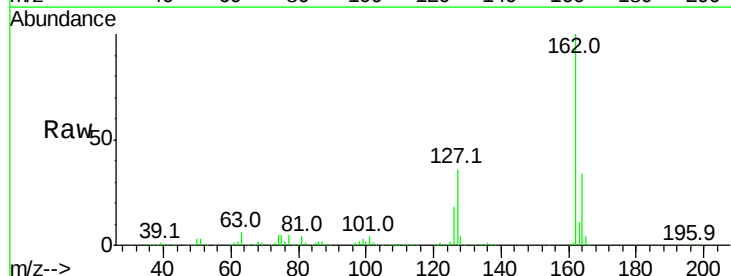
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

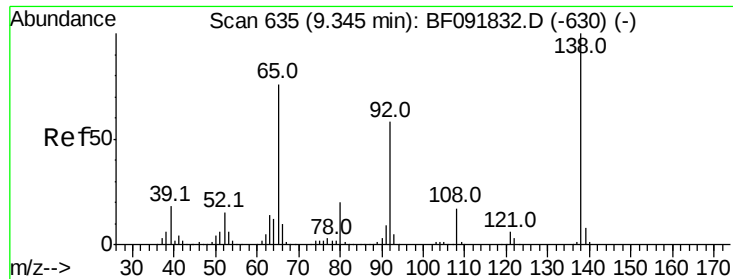
Tot Ion:154 Resp: 1560408
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.9 60.9
 76 8.7 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 39.04 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Tgt Ion:162 Resp: 1176215
 Ion Ratio Lower Upper
 162 100
 127 36.2 30.7 46.1
 164 34.0 27.6 41.4

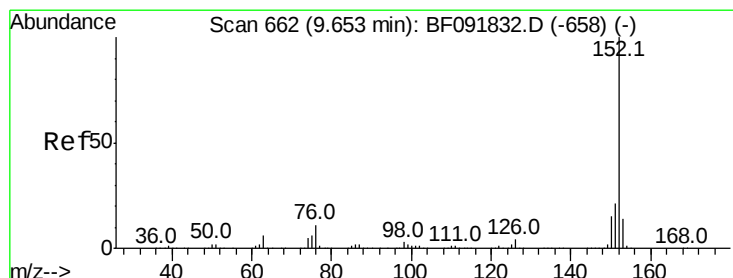
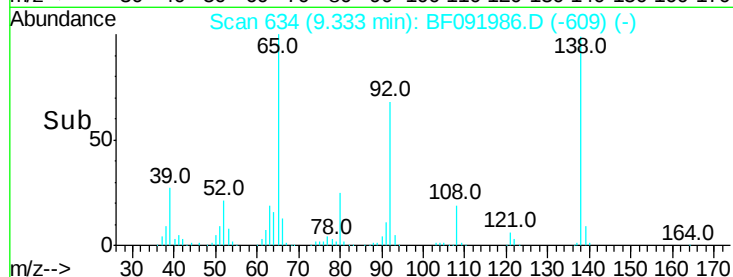
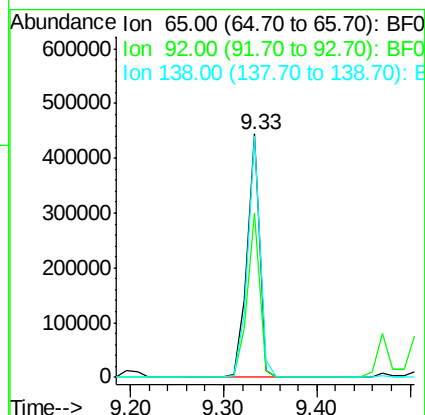
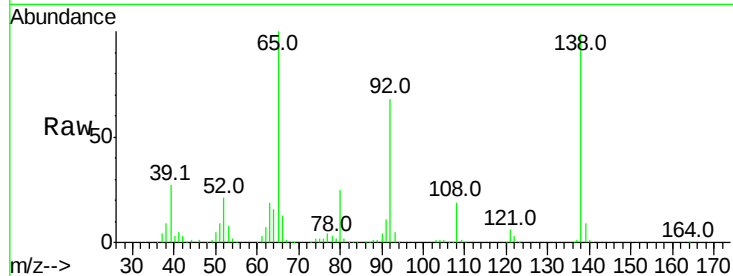




#47
2-Nitroaniline
Concen: 39.06 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

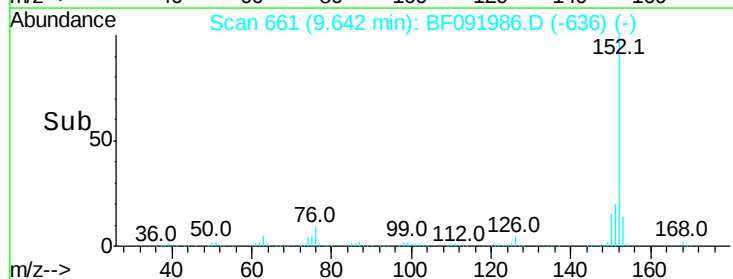
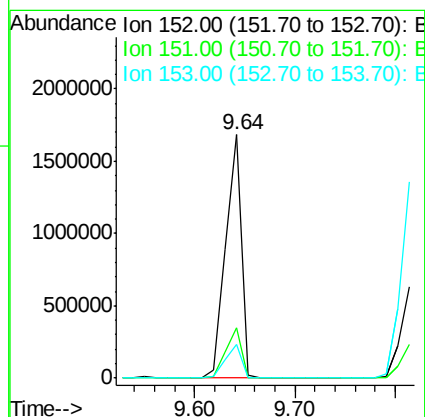
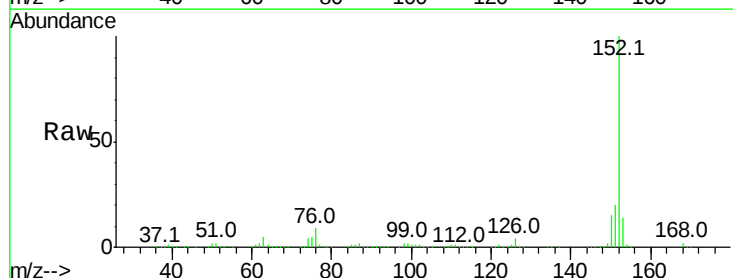
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

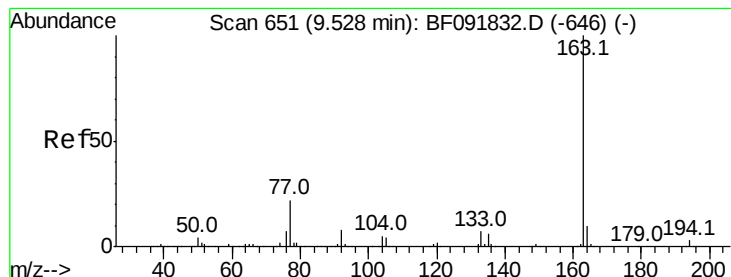
Tot Ion: 65 Resp: 418940
Ion Ratio Lower Upper
65 100
92 67.7 53.9 80.9
138 99.0 76.8 115.2



#48
Acenaphthylene
Concen: 39.34 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion: 152 Resp: 1822892
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.9 11.4 17.2





#49

Dimethylphthalate

Concen: 39.07 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

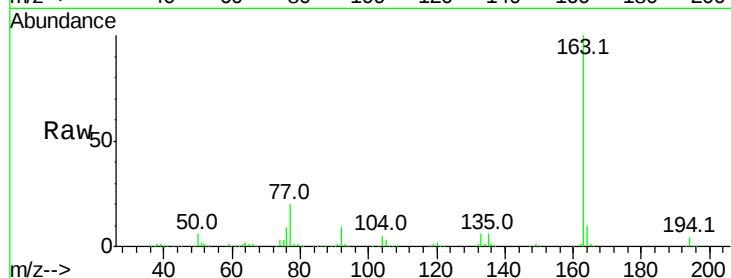
Tot Ion:163 Resp: 1388514

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

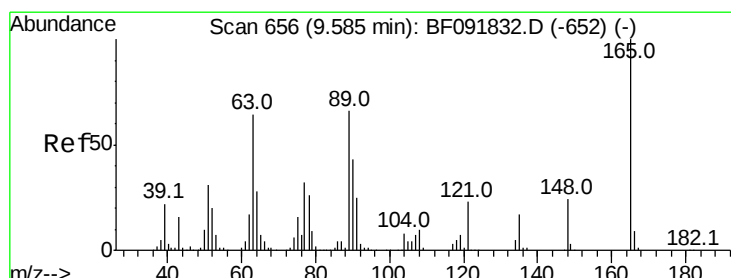
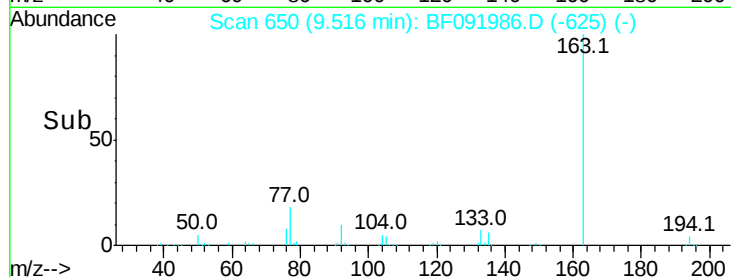
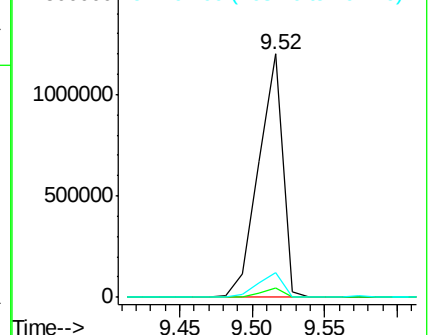
164 10.3 8.0 12.0



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: 35.34 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

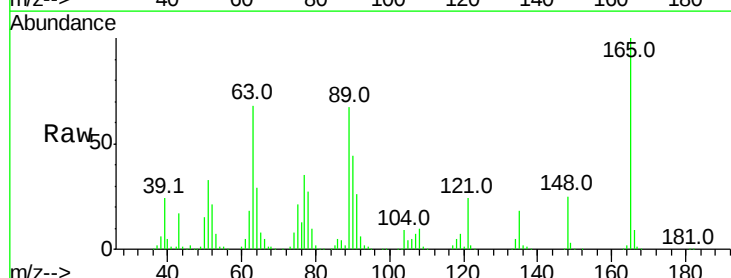
Tgt Ion:165 Resp: 274855

Ion Ratio Lower Upper

165 100

63 67.9 36.2 54.4#

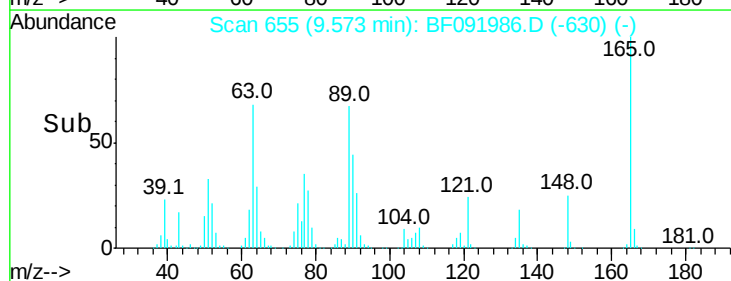
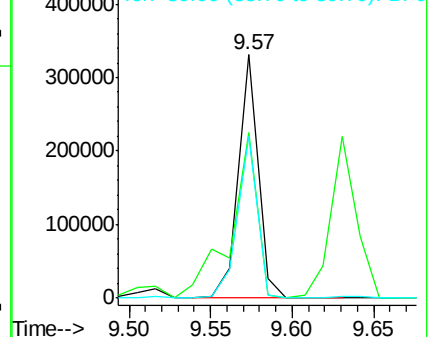
89 66.5 40.2 60.4#

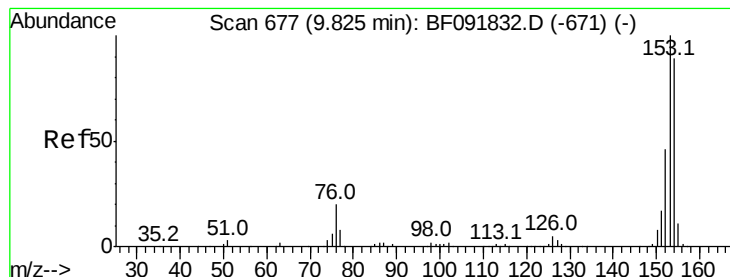


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.04 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

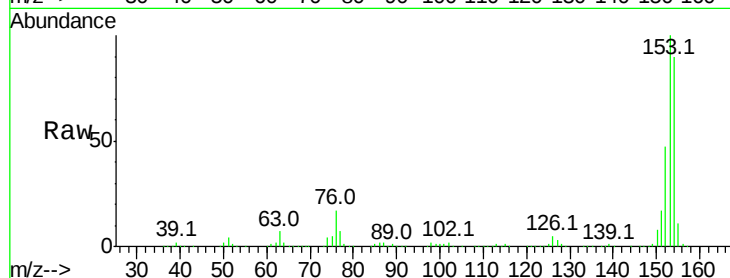
Tot Ion:154 Resp: 1163411

Ion Ratio Lower Upper

154 100

153 111.4 88.6 133.0

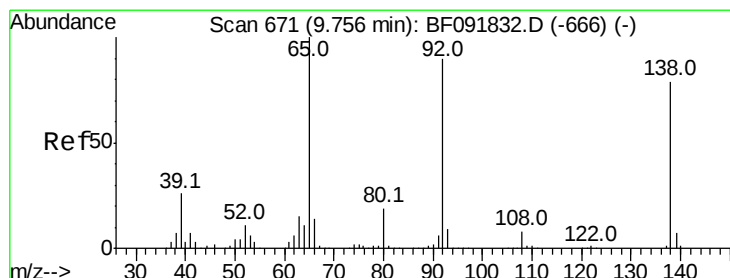
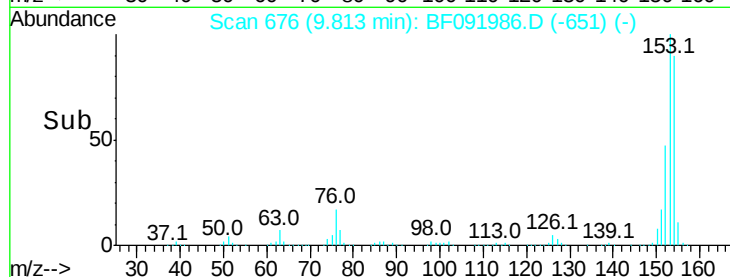
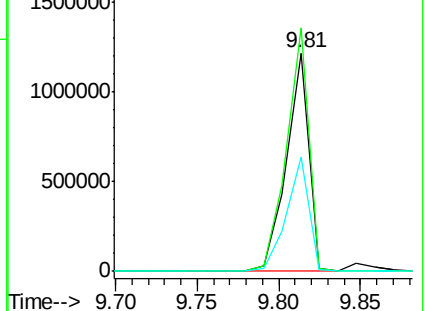
152 52.0 41.6 62.4



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: 32.61 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

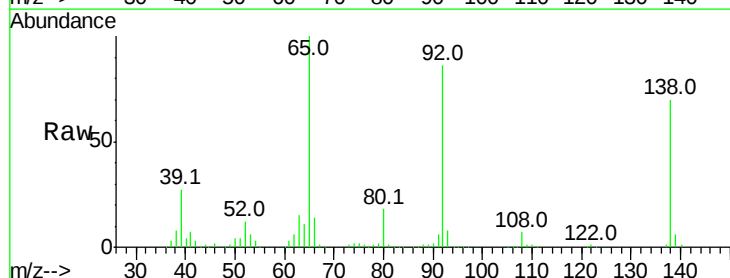
Tgt Ion:138 Resp: 313921

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

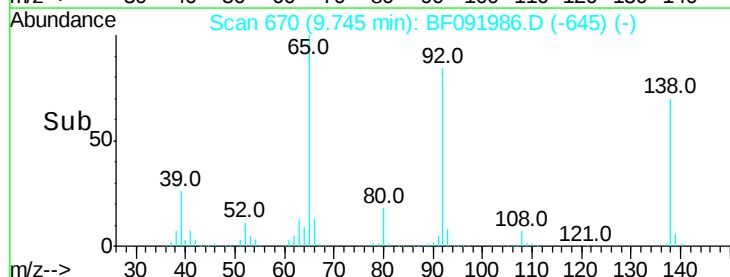
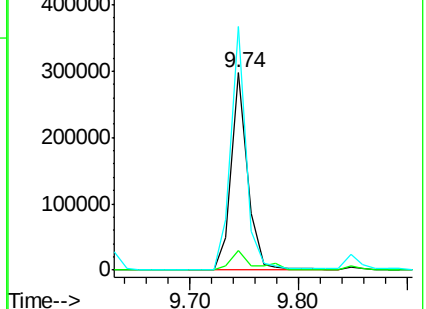
92 123.4 97.8 146.8

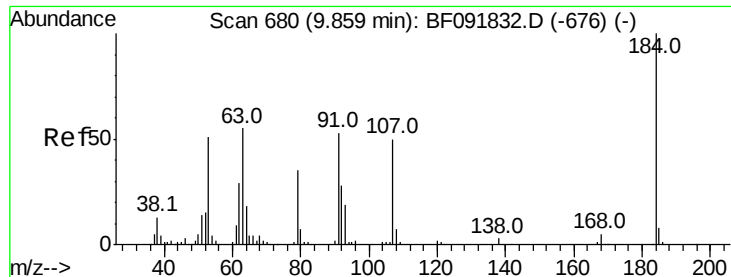


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

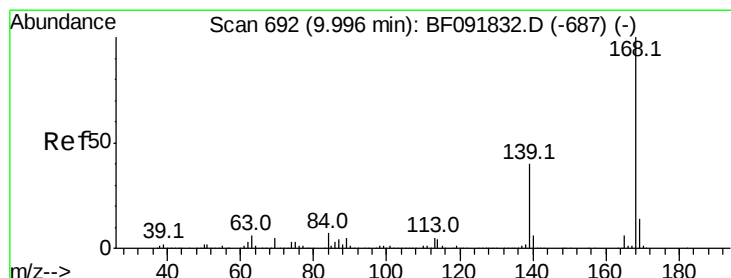
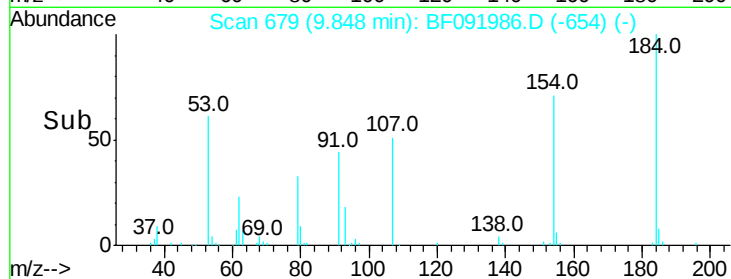
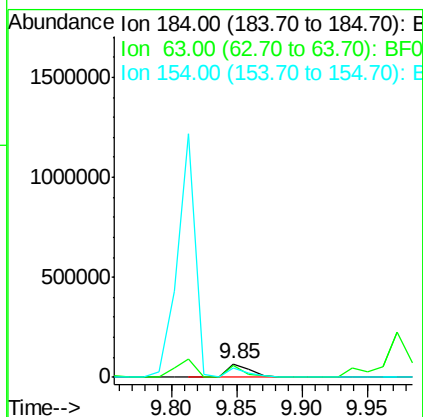
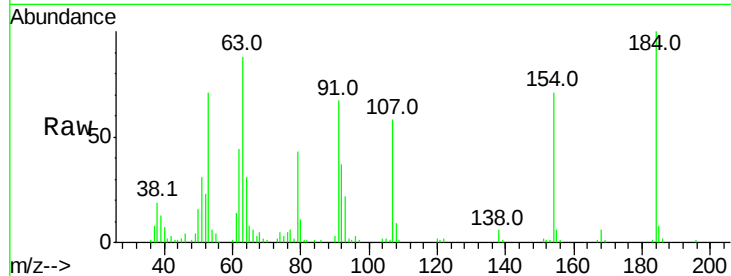




#53
2,4-Dinitrophenol
Concen: 20.64 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

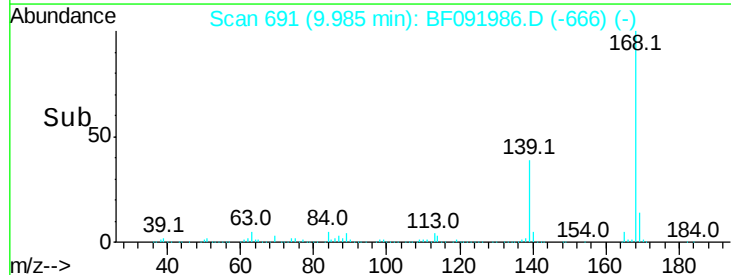
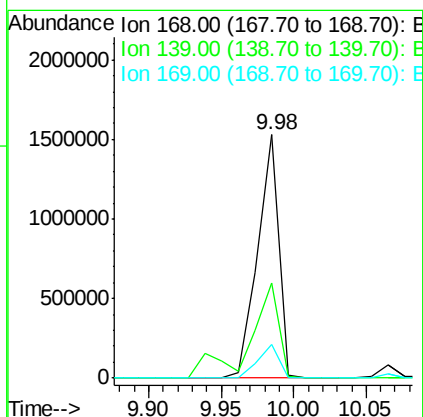
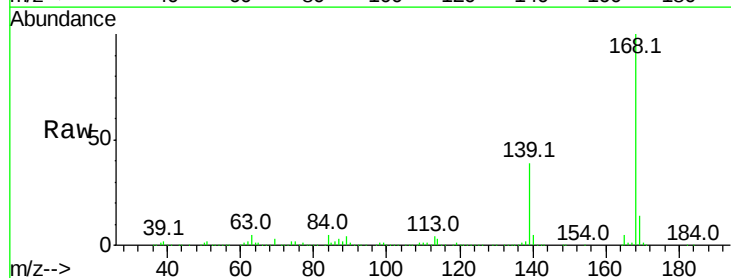
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

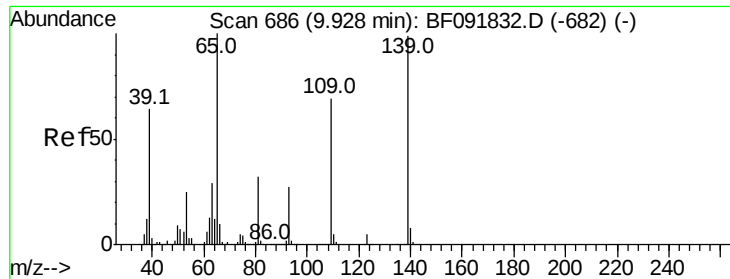
Tot Ion:184 Resp: 89317
Ion Ratio Lower Upper
184 100
63 88.5 28.4 42.6#
154 71.2 44.3 66.5#



#54
Dibenzofuran
Concen: 36.24 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion:168 Resp: 1537284
Ion Ratio Lower Upper
168 100
139 38.9 32.6 49.0
169 13.6 11.3 16.9

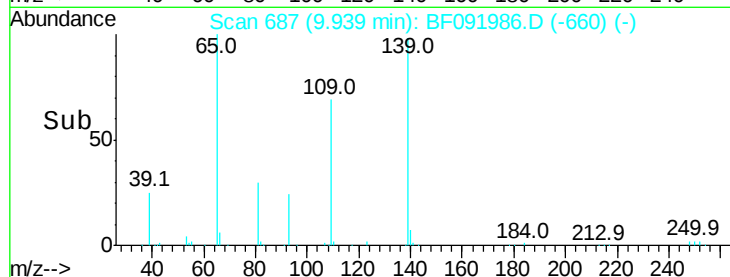
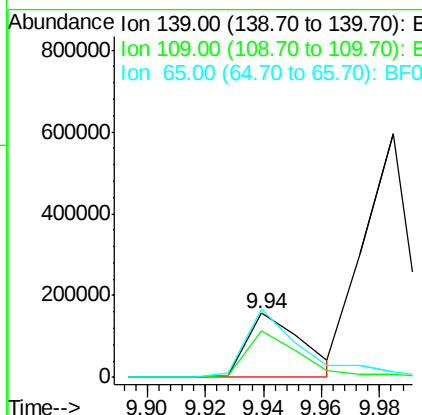
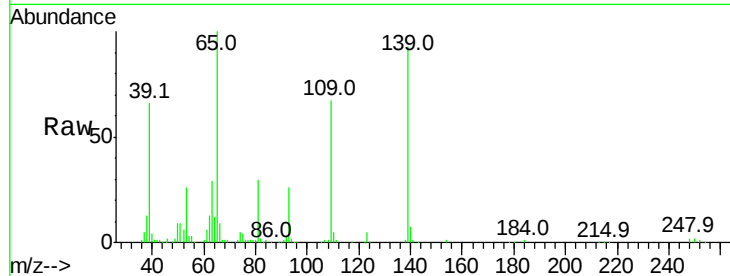




#55
4-Nitrophenol
Concen: 32.32 ng/ml
RT: 9.94 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

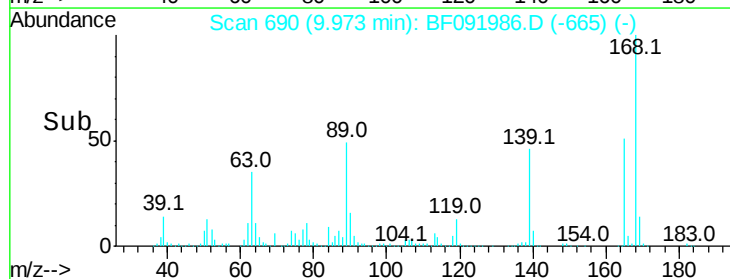
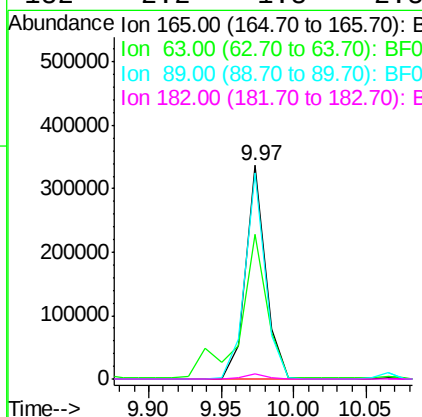
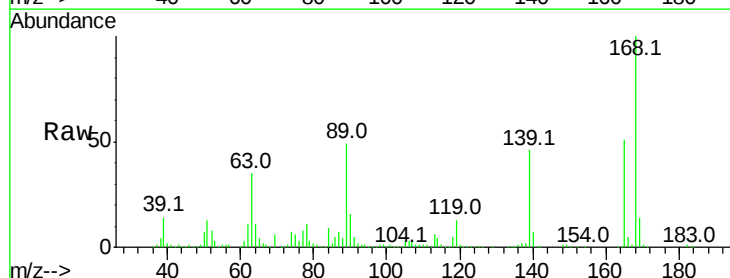
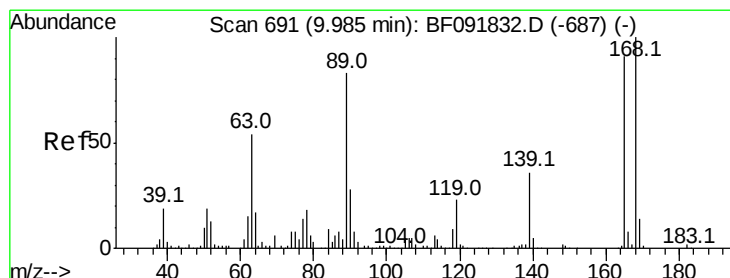
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

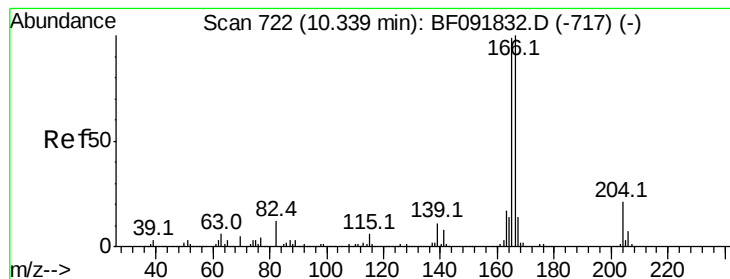
Tot Ion:139 Resp: 211227
Ion Ratio Lower Upper
139 100
109 71.4 52.2 92.2
65 107.1 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 33.02 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion:165 Resp: 322357
Ion Ratio Lower Upper
165 100
63 67.9 40.2 60.4#
89 96.2 62.5 93.7#
182 2.2 1.8 2.8





#57

Fluorene

Concen: 41.08 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

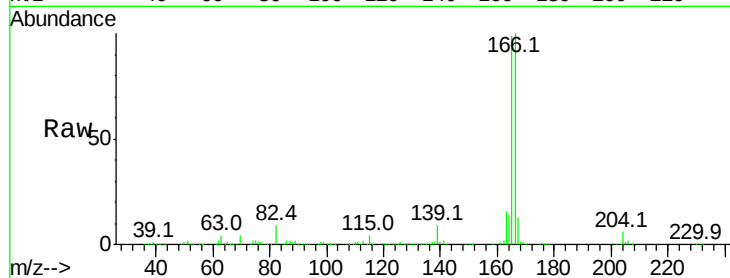
Tot Ion:166 Resp: 1267976

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

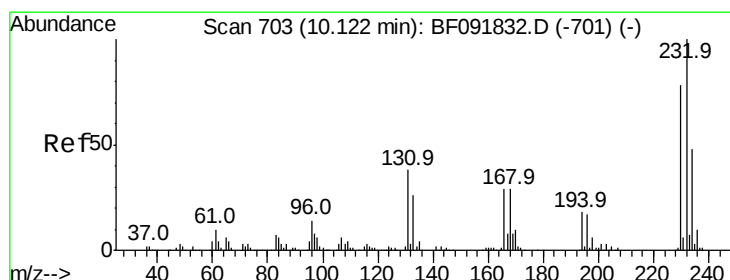
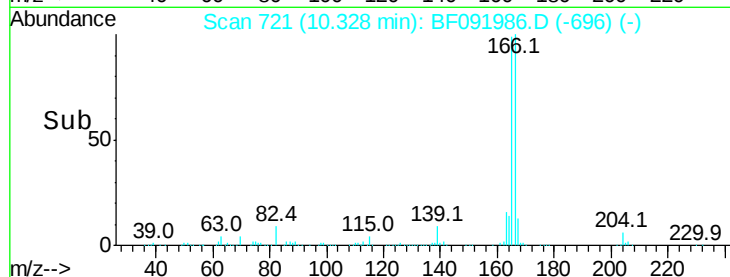
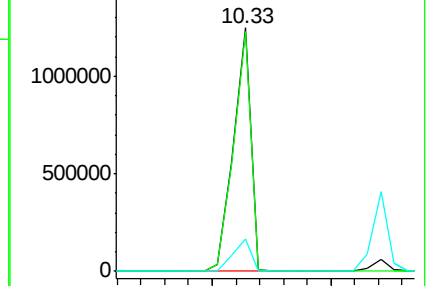
167 13.3 10.8 16.2



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: 36.73 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Tgt Ion:232 Resp: 293500

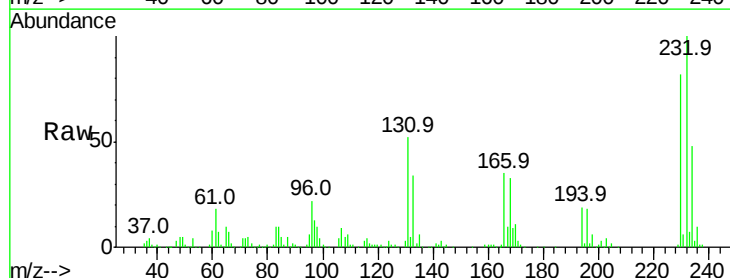
Ion Ratio Lower Upper

232 100

131 52.3 40.1 60.1

130 2.5 1.8 2.8

166 33.8 26.6 39.8

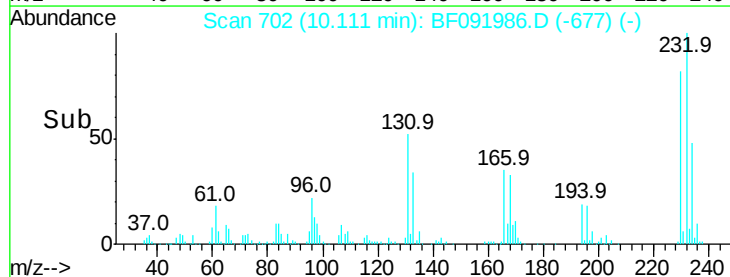
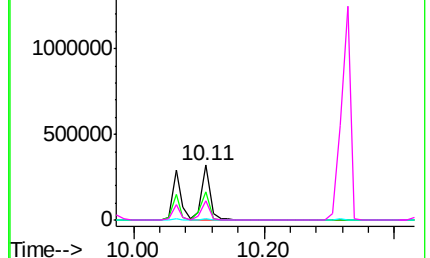


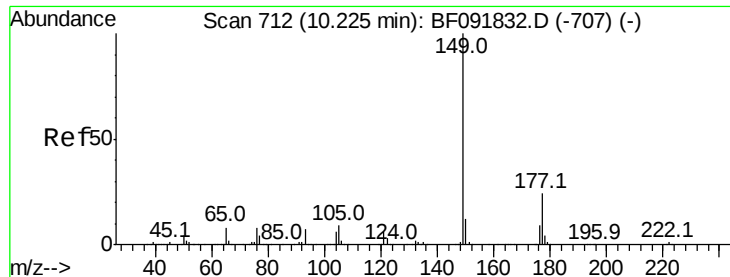
Abundance Ion 232.00 (231.70 to 232.70): E

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

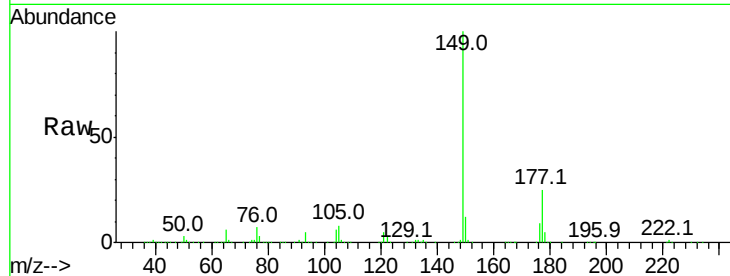




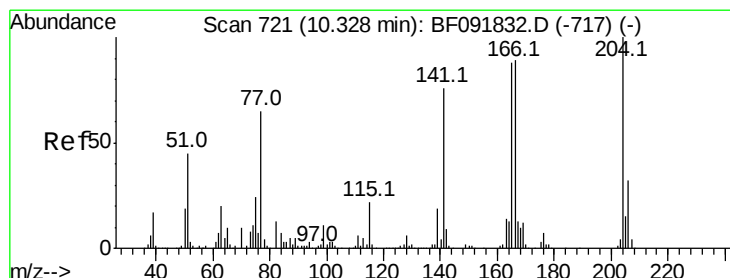
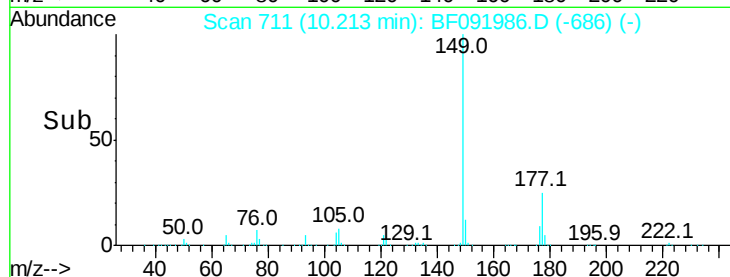
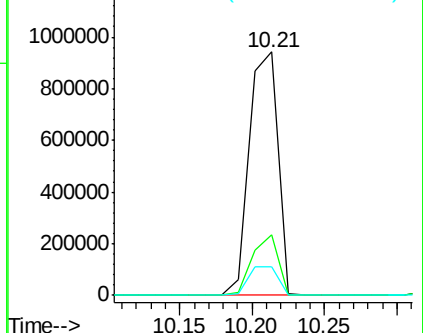
#59
Diethylphthalate
Concen: 37.38 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1290188
Ion Ratio Lower Upper
149 100
177 24.8 16.6 25.0
150 12.0 10.4 15.6

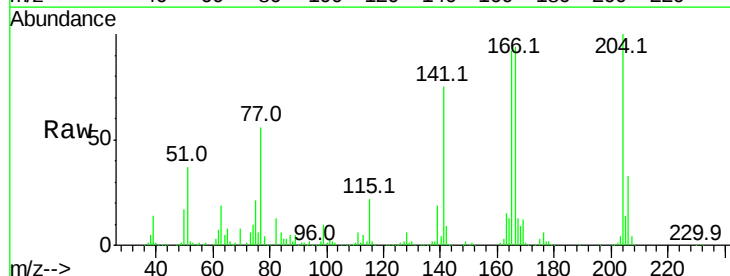


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

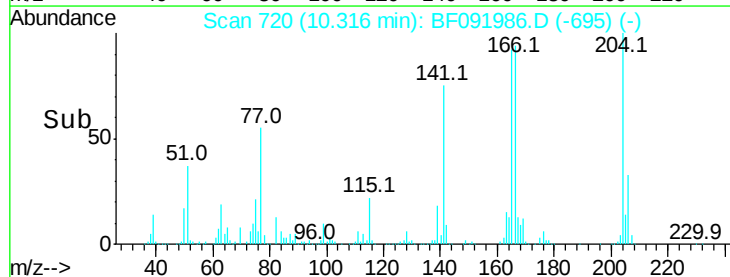
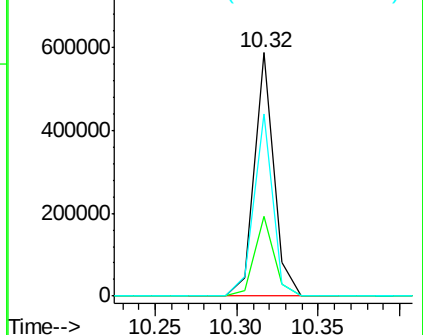


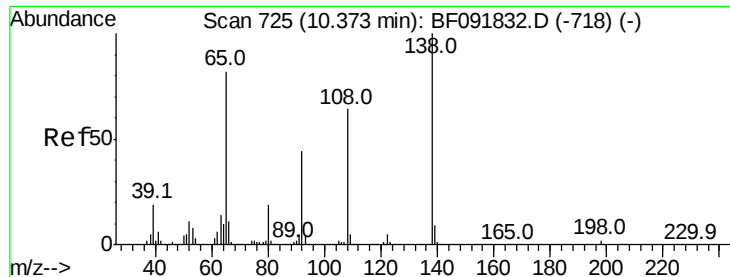
#60
4-Chlorophenyl-phenylether
Concen: 36.23 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion:204 Resp: 489644
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 74.6 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

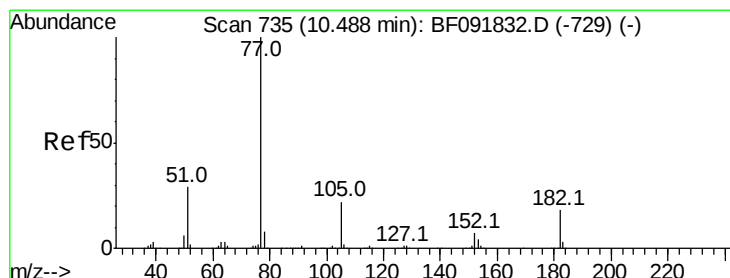
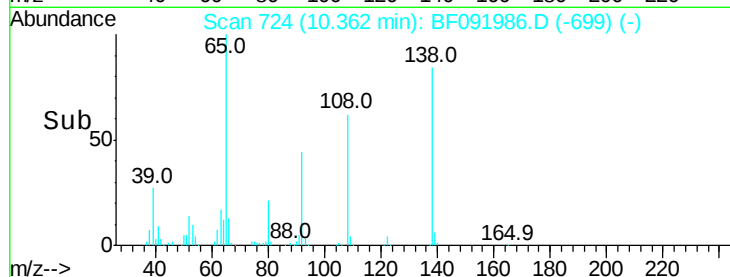
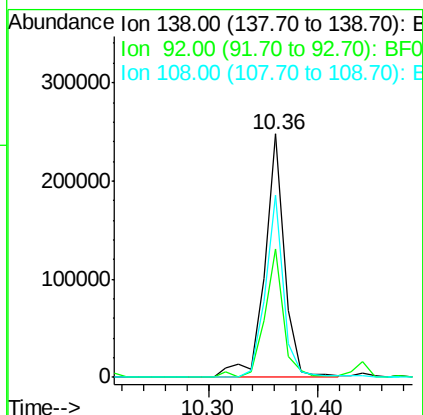
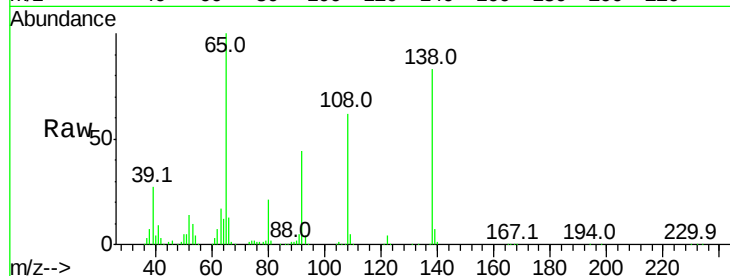




#61
4-Nitroaniline
Concen: 31.86 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

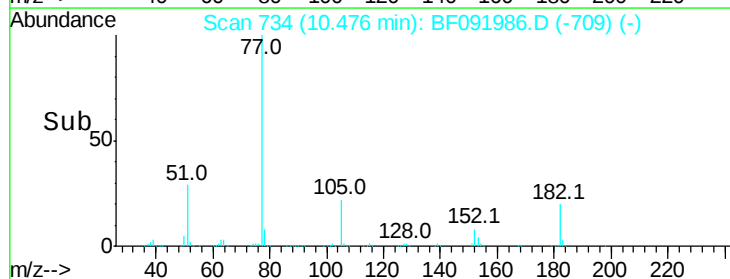
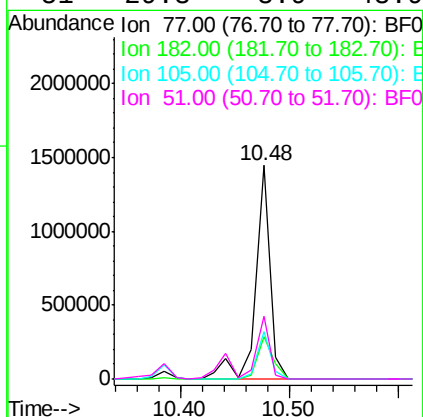
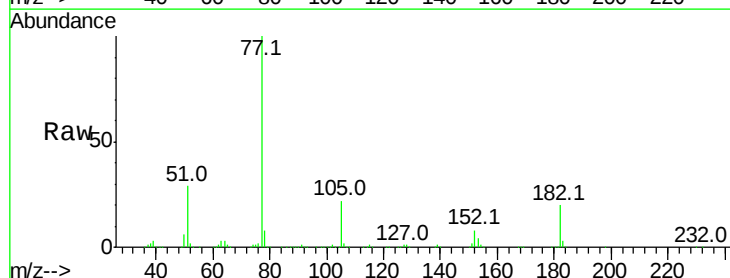
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

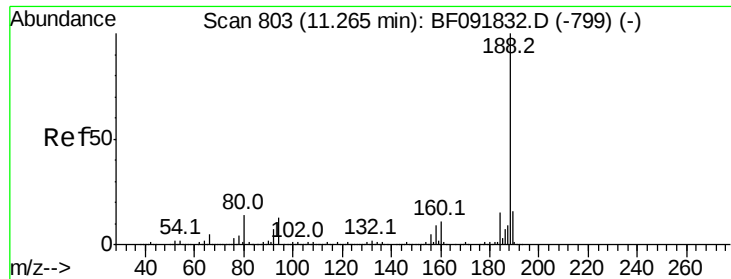
Tot Ion:138 Resp: 317807
Ion Ratio Lower Upper
138 100
92 52.9 31.7 71.7
108 74.8 52.6 92.6



#62
Azobenzene
Concen: 35.96 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion: 77 Resp: 1366437
Ion Ratio Lower Upper
77 100
182 19.6 0.0 39.3
105 22.4 2.3 42.3
51 29.3 8.9 48.9

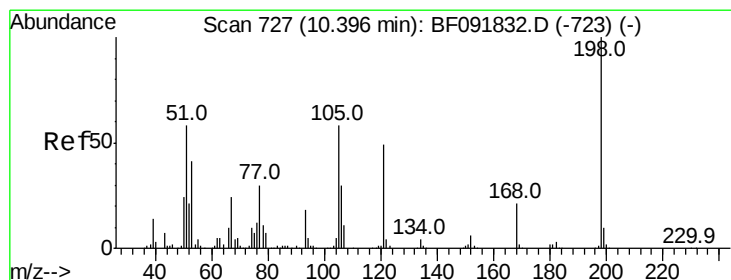
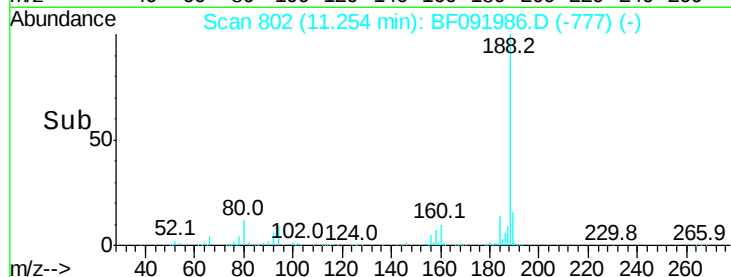
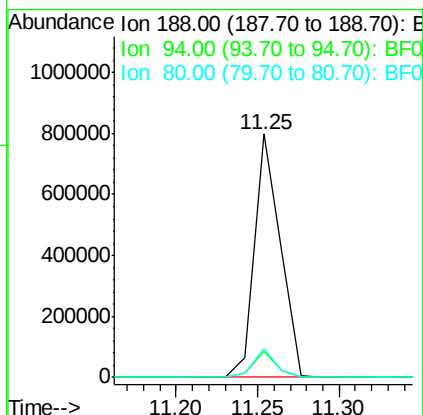
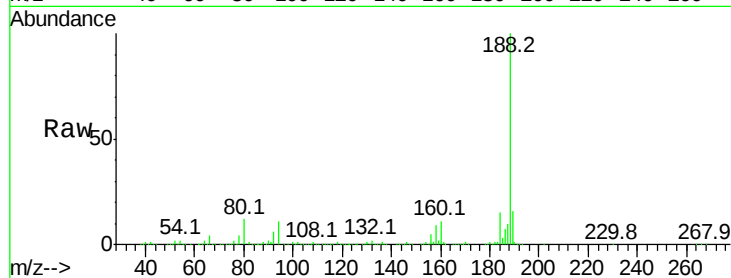




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

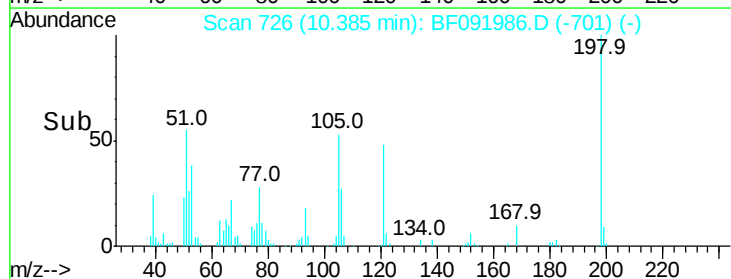
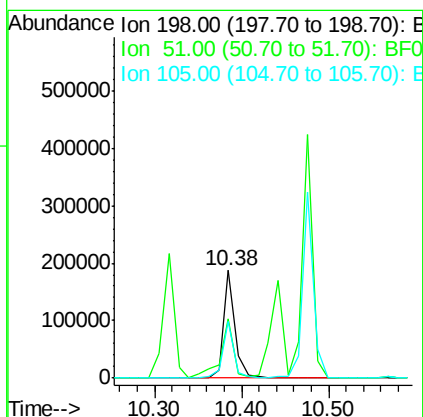
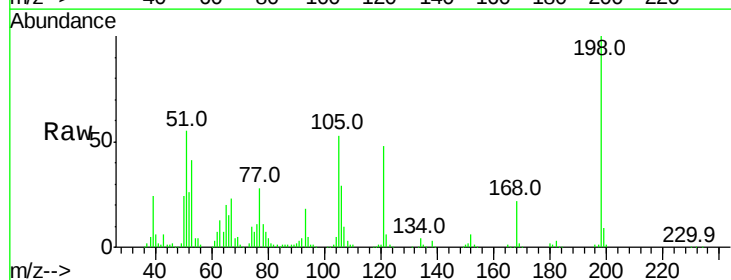
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

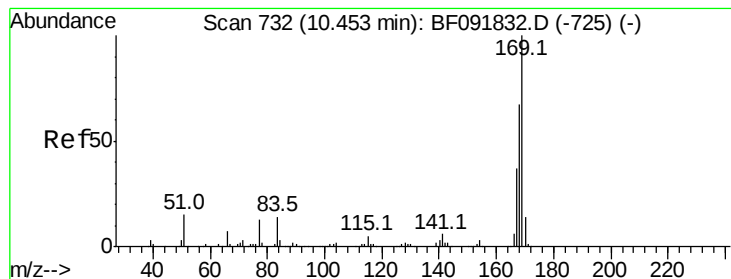
Tot Ion:188 Resp: 878629
Ion Ratio Lower Upper
188 100
94 10.9 10.0 15.0
80 11.9 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.72 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion:198 Resp: 173835
Ion Ratio Lower Upper
198 100
51 54.7 6.7 46.7#
105 52.7 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 38.01 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

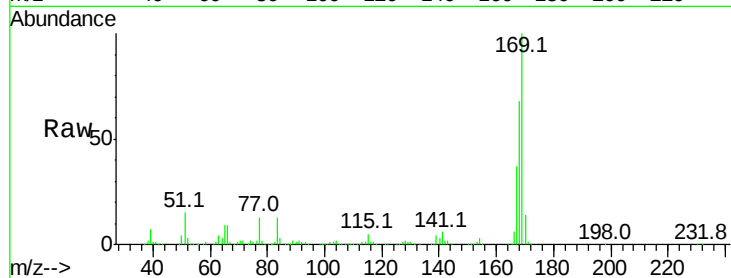
Tot Ion:169 Resp: 991028

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

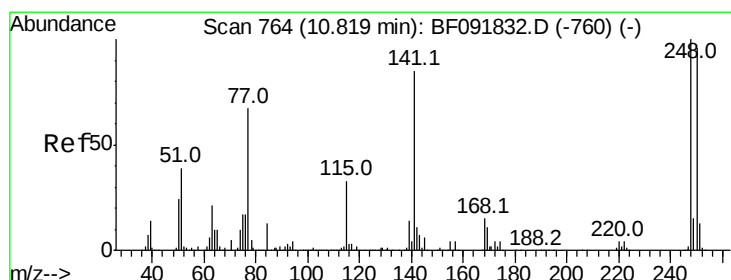
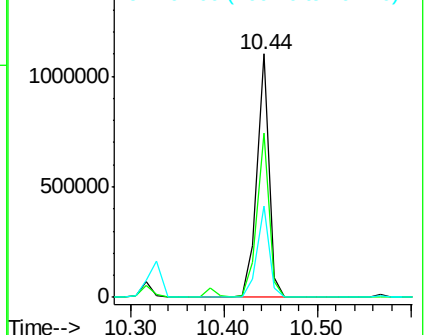
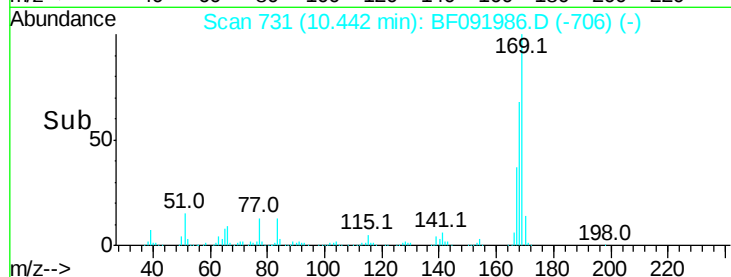
167 37.4 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.63 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

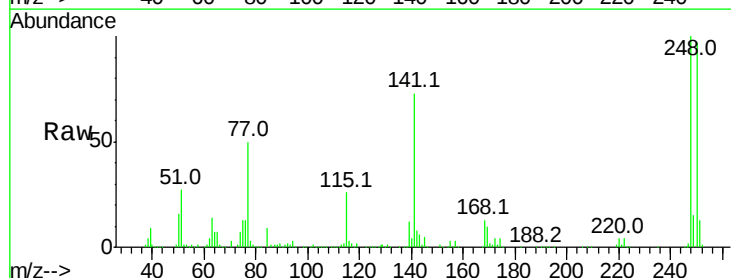
Tgt Ion:248 Resp: 362183

Ion Ratio Lower Upper

248 100

250 97.3 76.9 115.3

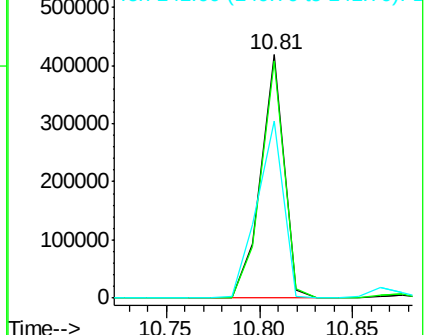
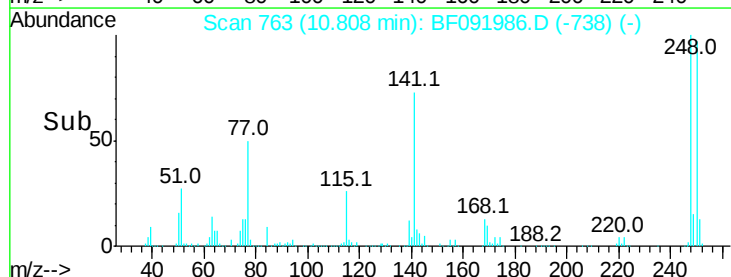
141 72.8 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

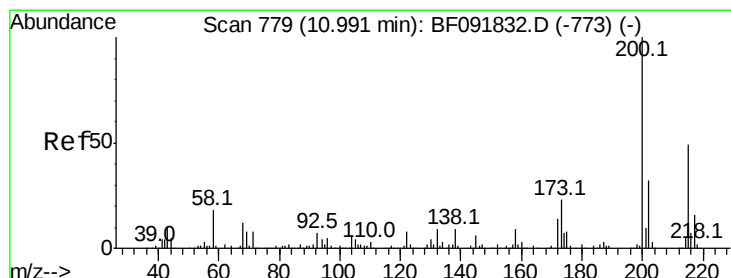
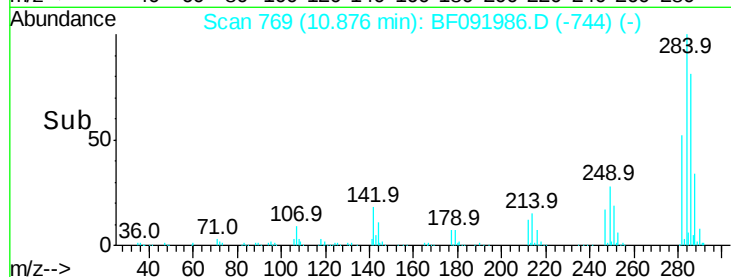
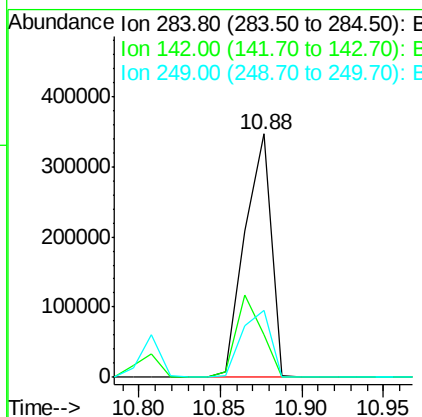
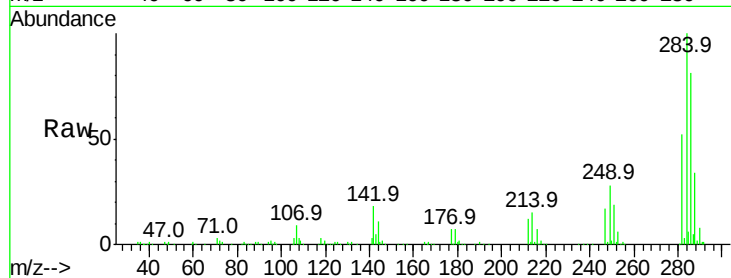




#67
Hexachlorobenzene
Concen: 39.74 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

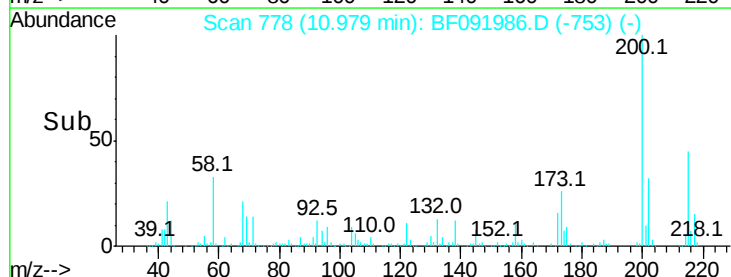
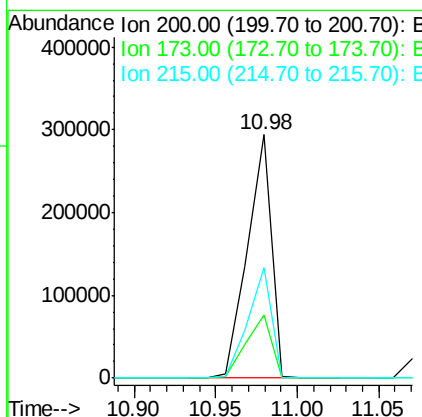
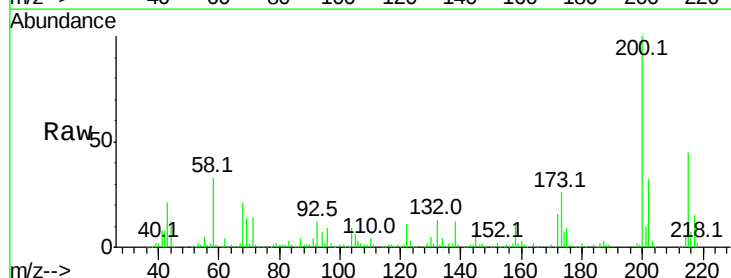
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	17.7	22.6	33.8
249	27.7	25.4	38.0



#68
Atrazine
Concen: 35.72 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.7	9.6	49.6
215	45.4	25.7	65.7

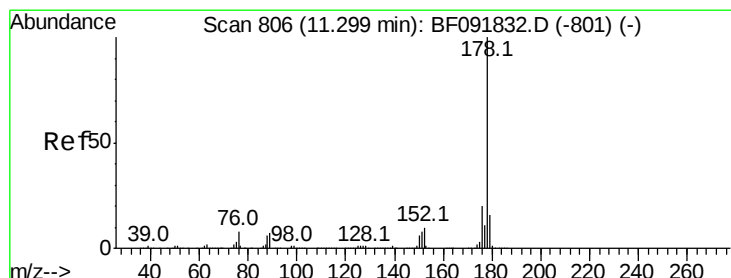
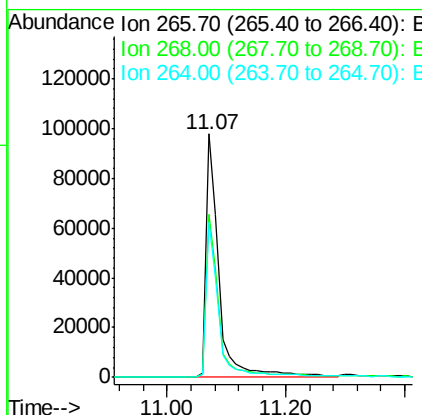
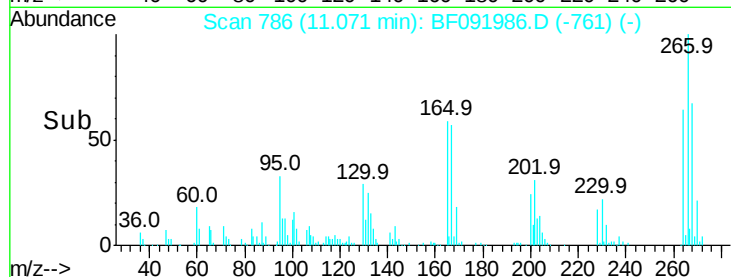
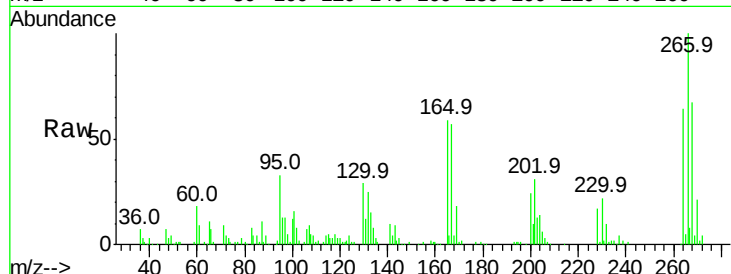




#69
 Pentachlorophenol
 Concen: 31.54 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

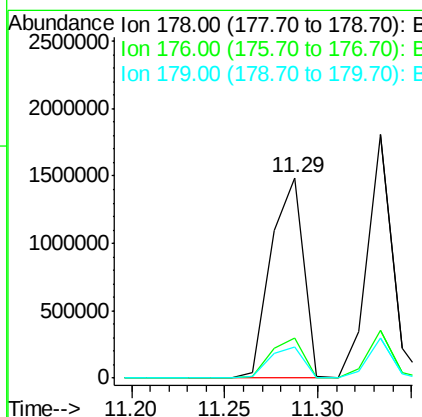
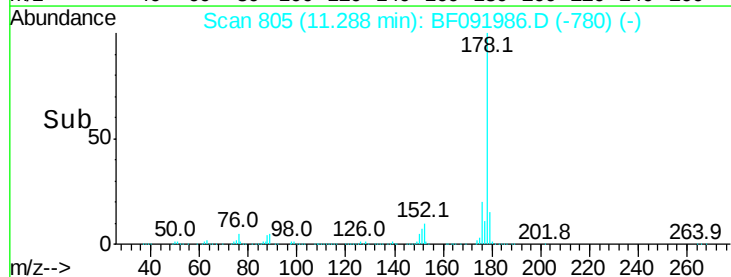
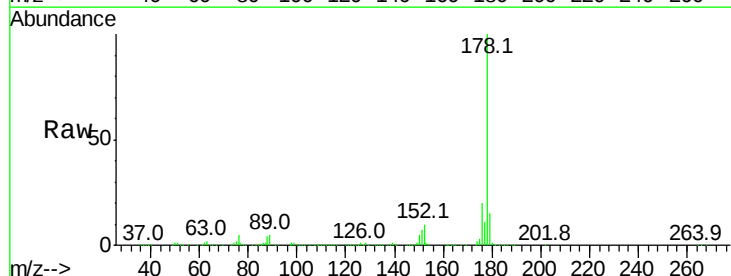
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

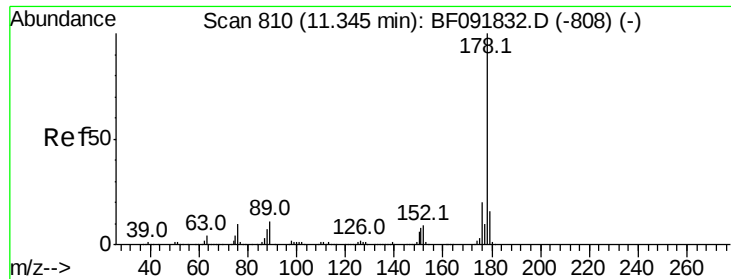
Tot Ion:266 Resp: 151170
 Ion Ratio Lower Upper
 266 100
 268 67.2 53.3 79.9
 264 63.6 50.3 75.5



#70
 Phenanthrene
 Concen: 38.14 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Tgt Ion:178 Resp: 1817293
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.4 12.8 19.2

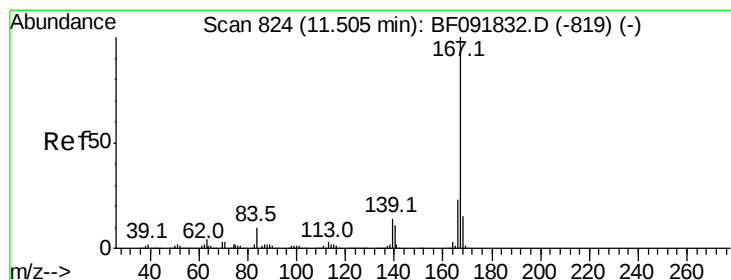
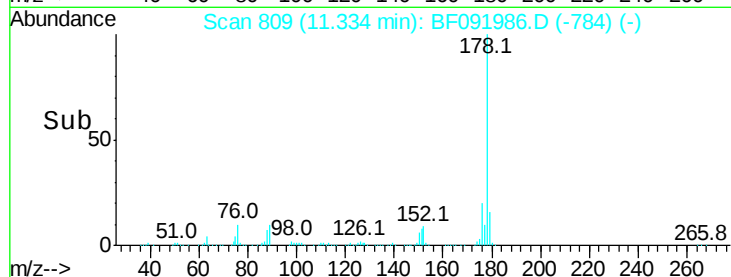
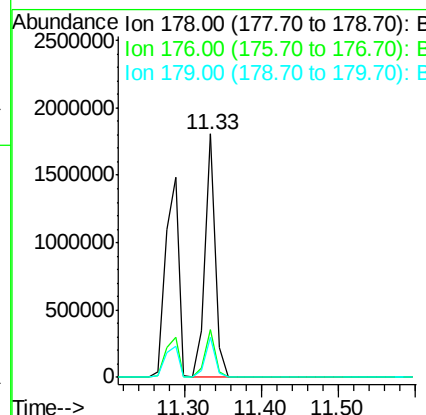
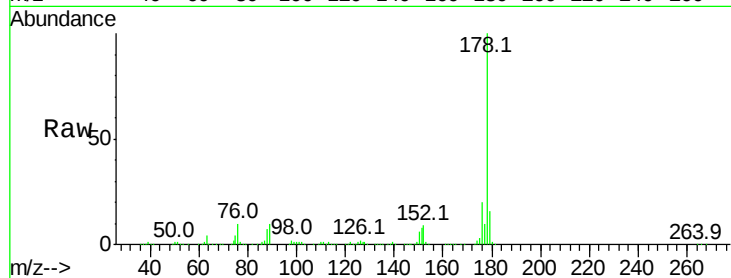




#71
 Anthracene
 Concen: 36.35 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

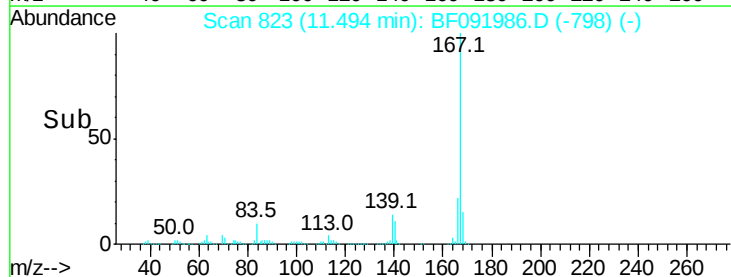
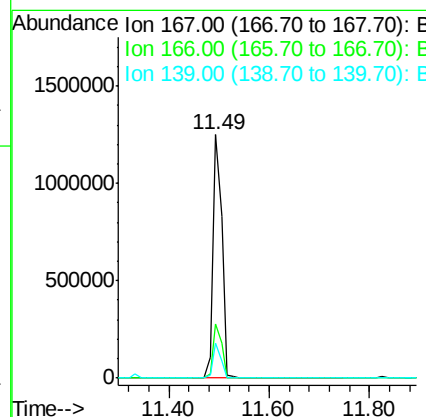
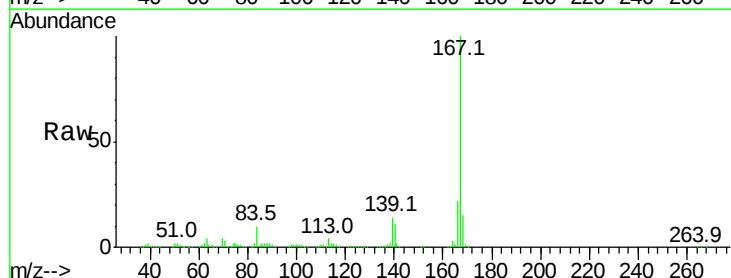
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

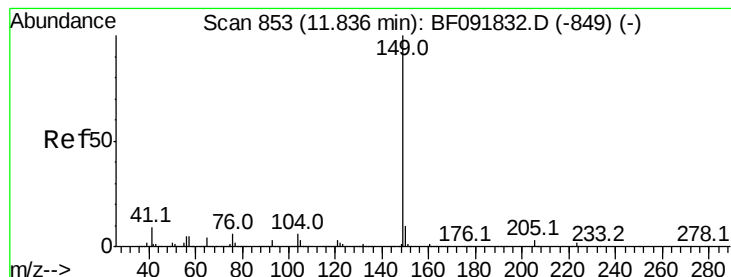
Tot Ion:178 Resp: 1638336
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 16.3 13.2 19.8



#72
 Carbazole
 Concen: 35.86 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Tgt Ion:167 Resp: 1534148
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 14.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 39.89 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

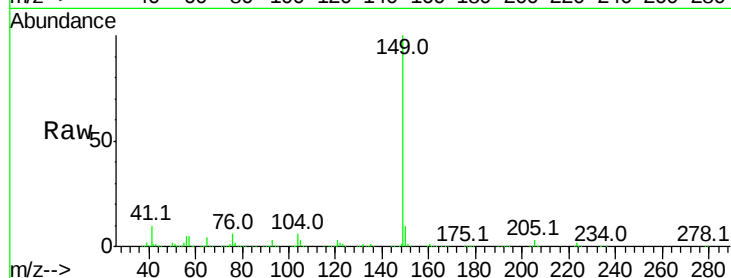
Tot Ion:149 Resp: 1821980

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

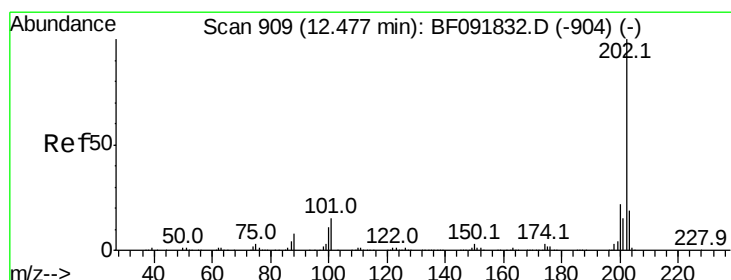
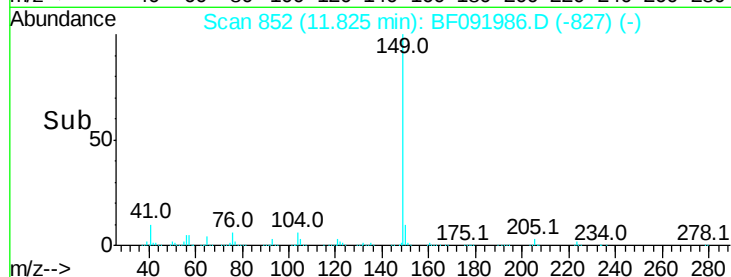
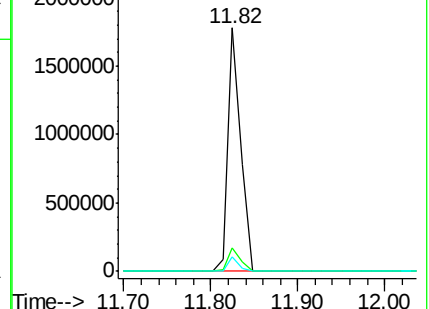
104 5.9 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.78 ng

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

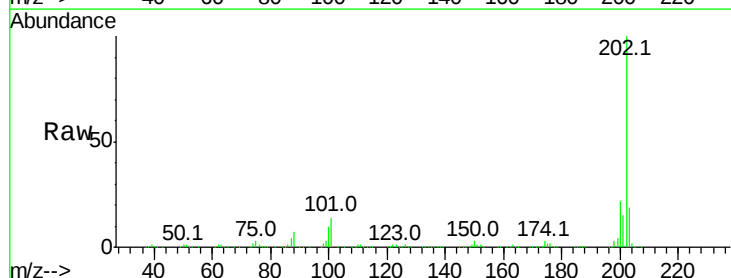
Tgt Ion:202 Resp: 1643103

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.6

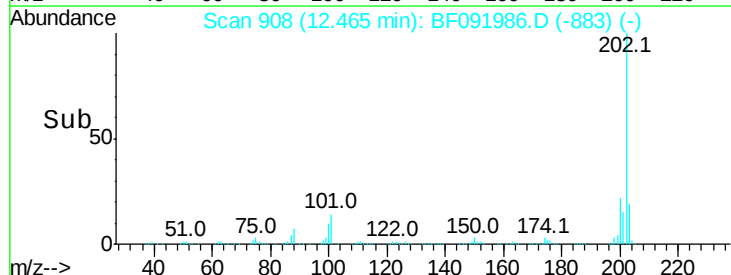
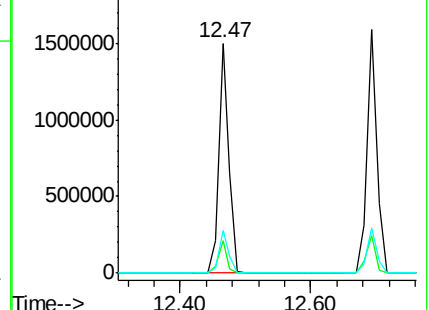
203 18.6 0.0 38.7

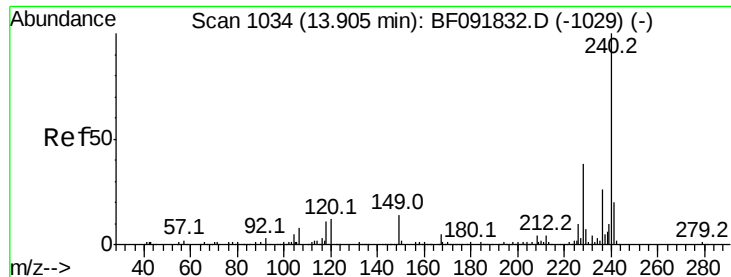


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

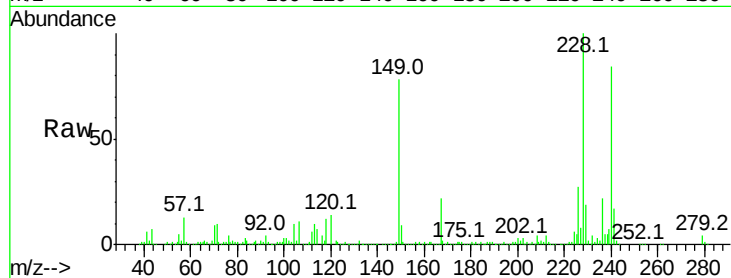
Tot Ion:240 Resp: 556942

Ion Ratio Lower Upper

240 100

120 16.1 12.9 19.3

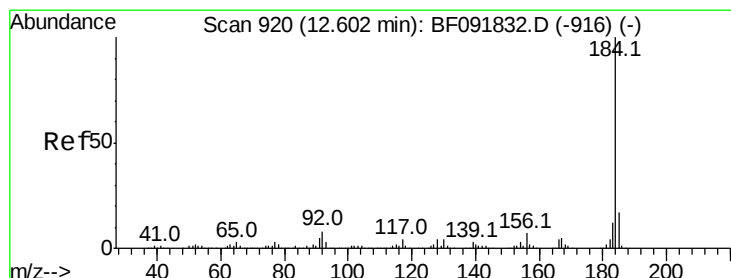
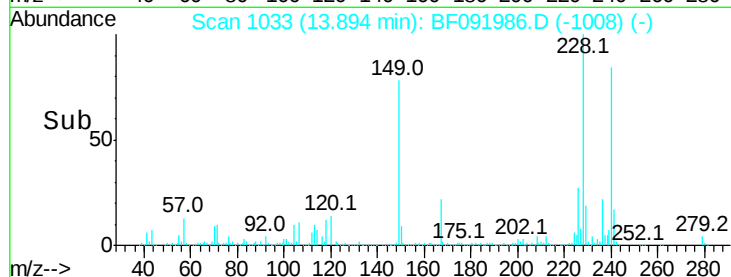
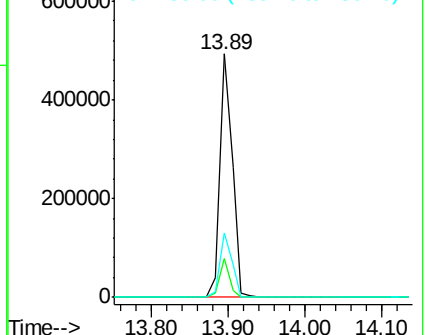
236 26.4 20.9 31.3



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: 26.08 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

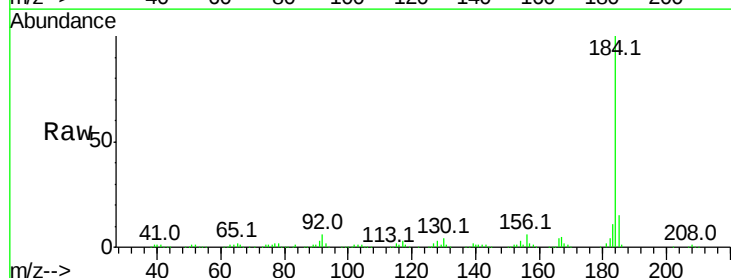
Tgt Ion:184 Resp: 412739

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.0

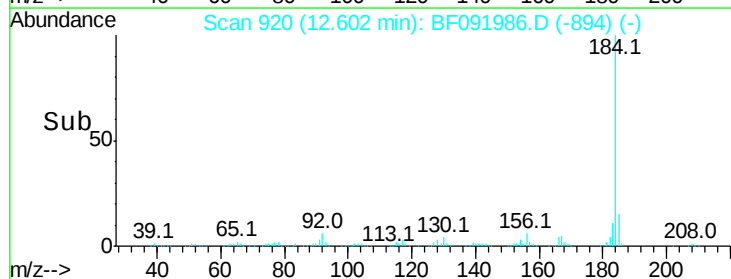
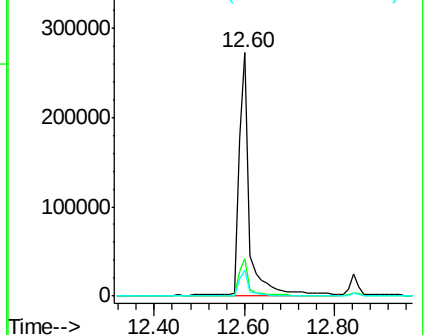
183 10.7 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

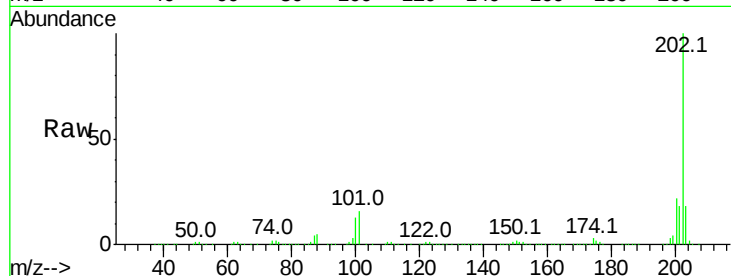




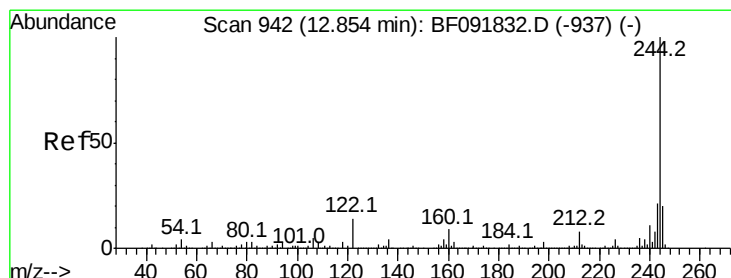
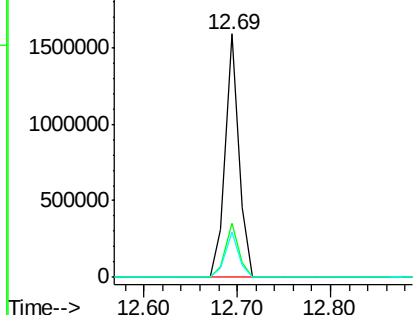
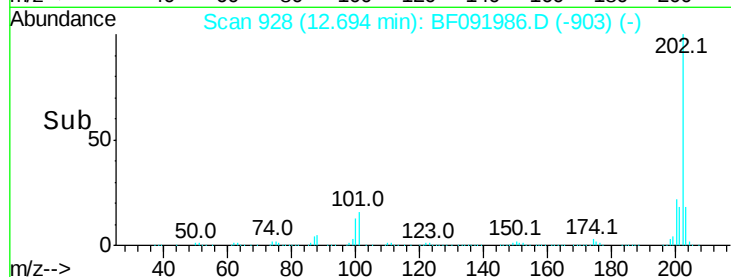
#77
Pvrene
Concen: 39.82 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1627035
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 18.5 14.7 22.1

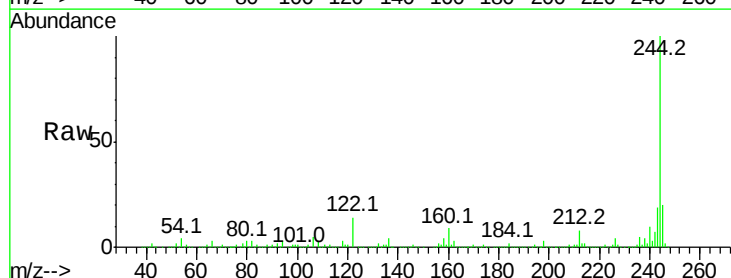


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

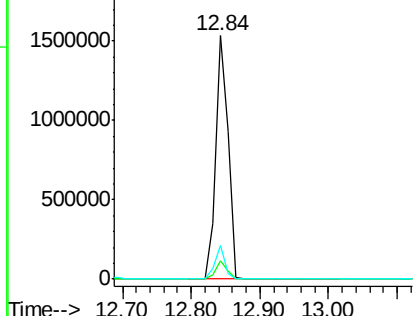
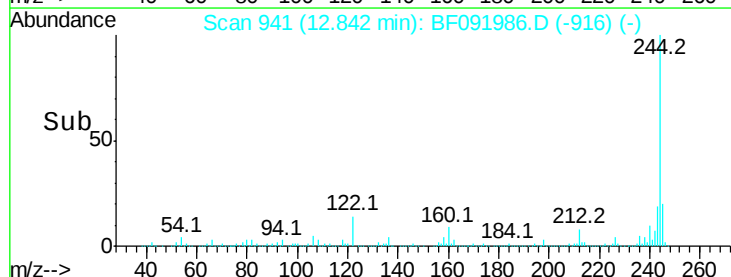


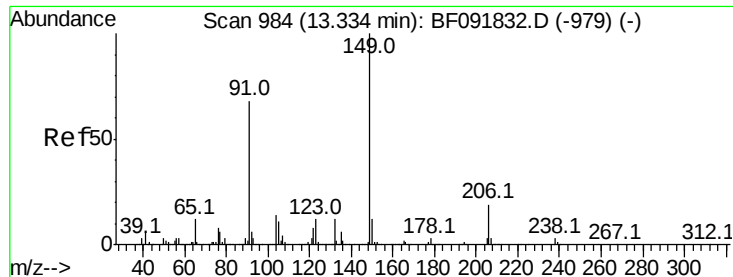
#78
Terphenyl-d14
Concen: 85.07 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion:244 Resp: 1953596
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 14.0 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

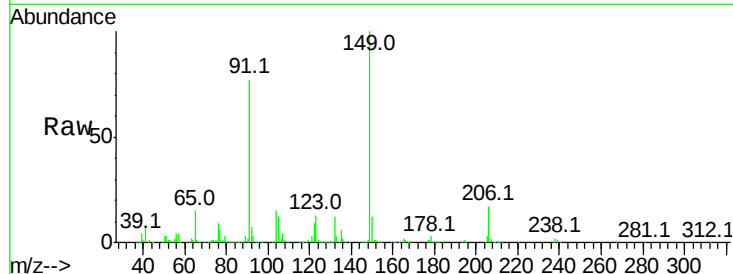




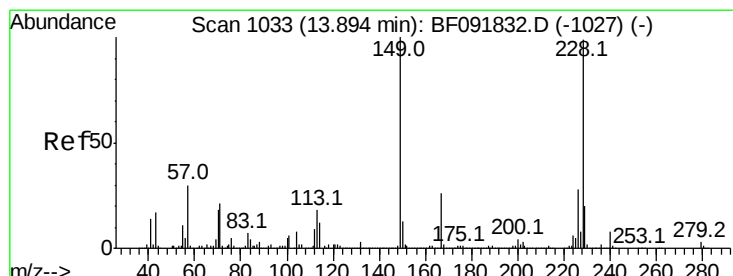
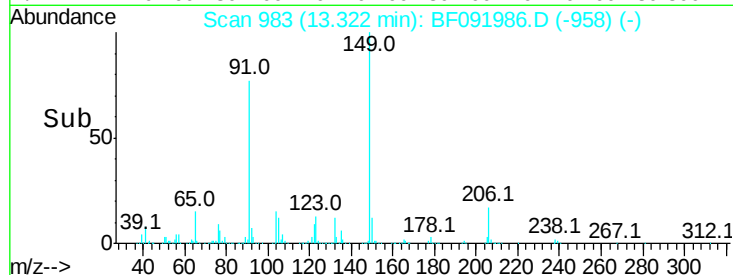
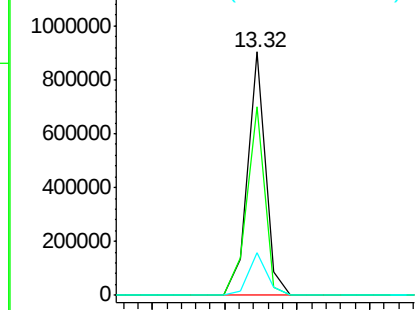
#79
Butylbenzylphthalate
Concen: 41.49 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.2	63.9	95.9
206	17.4	14.6	21.8

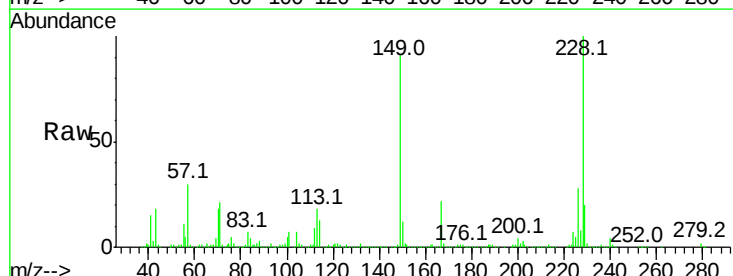


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

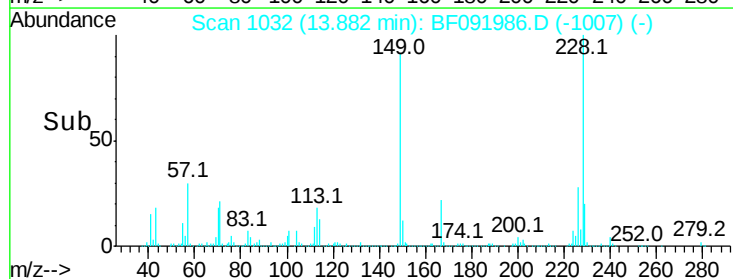
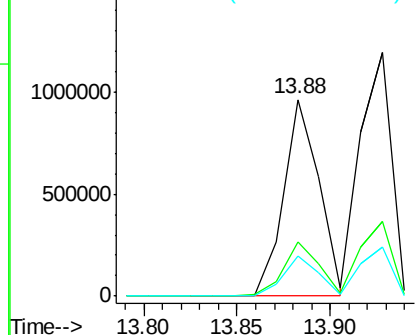


#80
Benzo(a)anthracene
Concen: 40.66 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	20.1	16.2	24.4



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

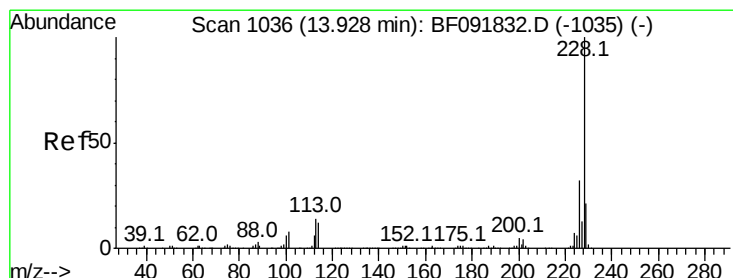
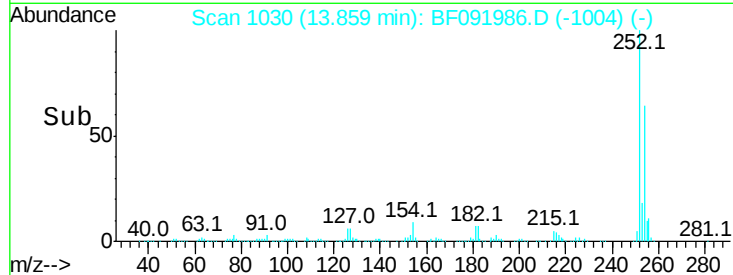
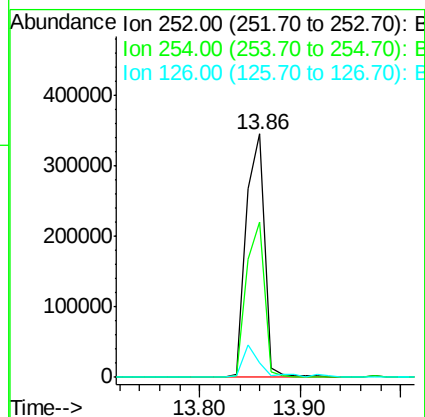
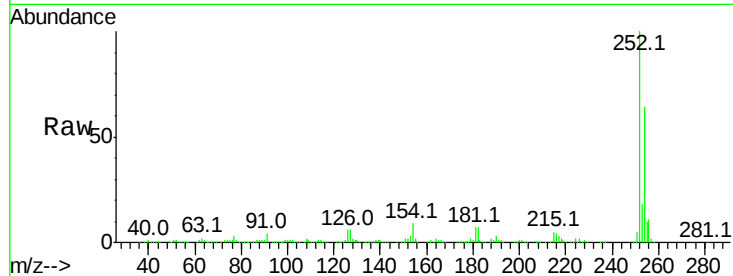




#81
 3,3'-Dichlorobenzidine
 Concen: 36.98 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

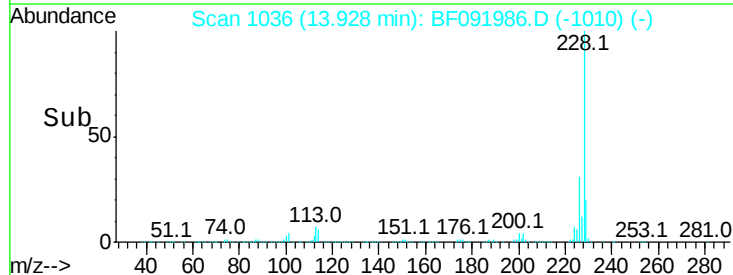
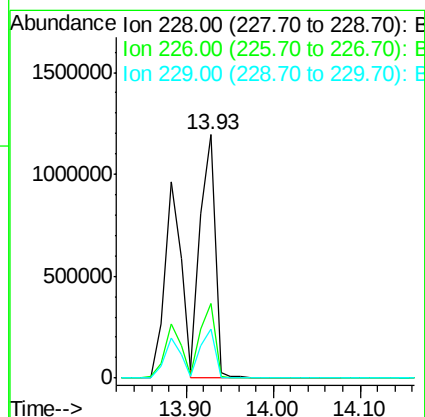
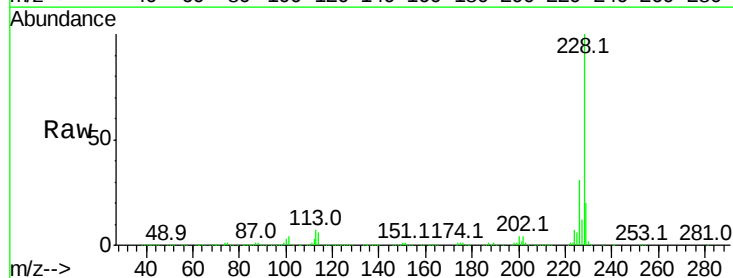
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

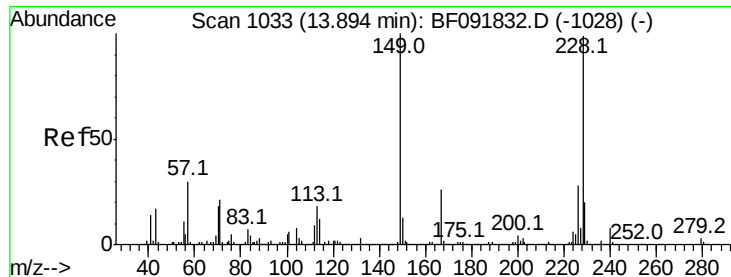
Tot Ion:252 Resp: 440866
 Ion Ratio Lower Upper
 252 100
 254 64.0 52.3 78.5
 126 6.0 13.6 20.4#



#82
 Chrysene
 Concen: 44.73 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Tgt Ion:228 Resp: 1410713
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 20.0 16.2 24.2

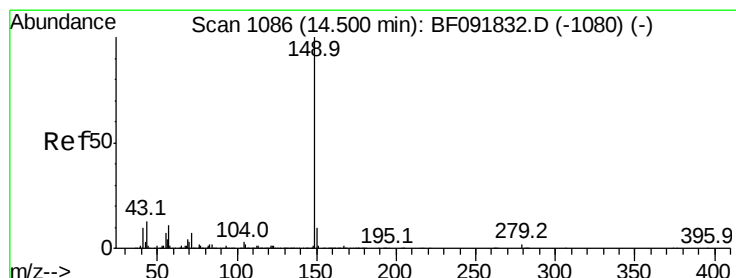
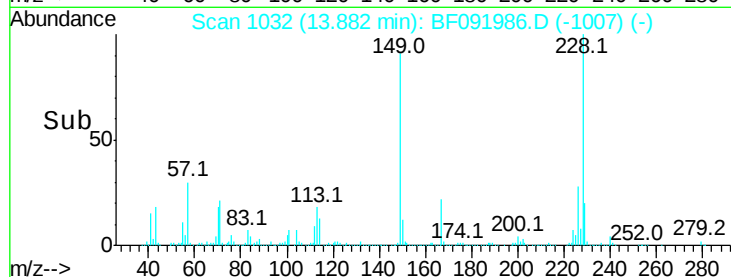
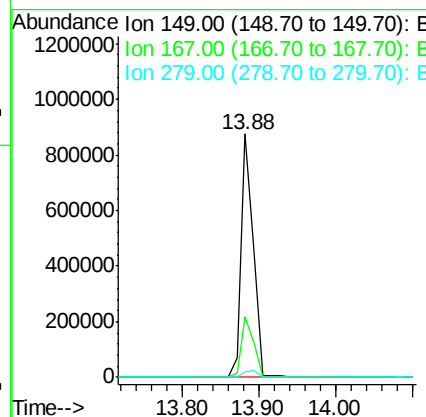
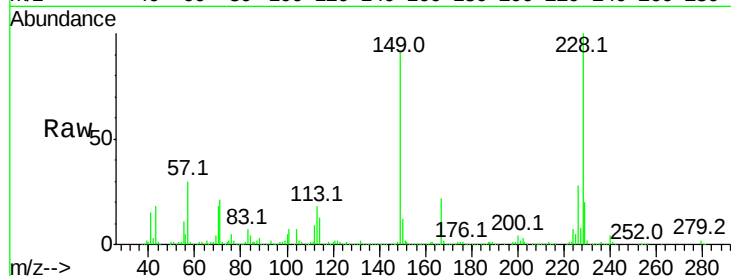




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.68 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

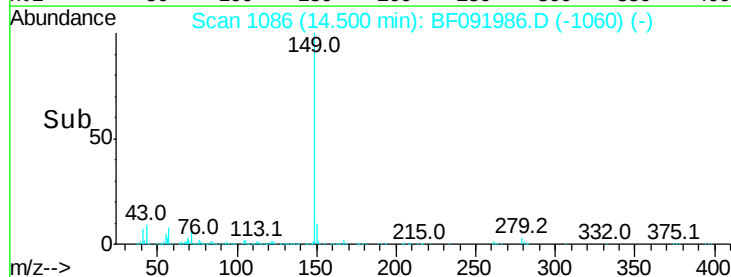
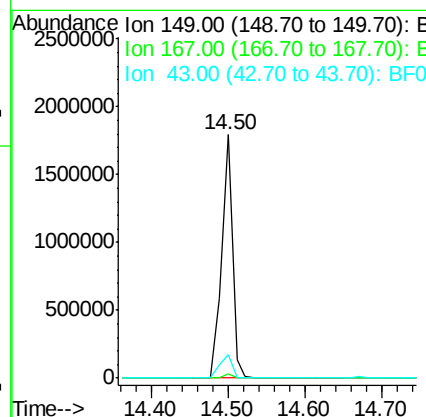
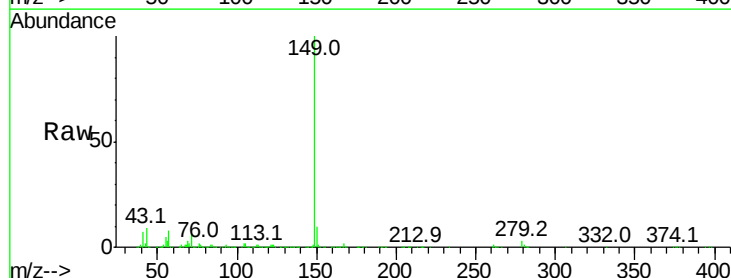
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

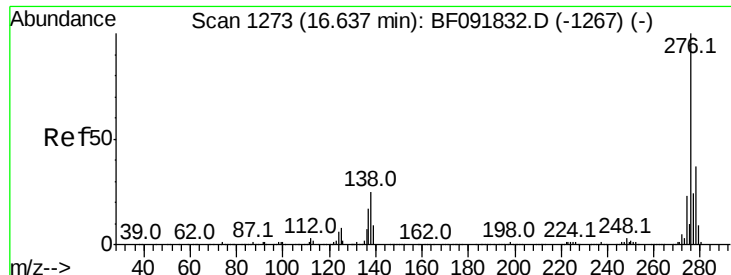
Tot Ion:149 Resp: 977907
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.2 30.4
 279 2.3 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 43.04 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Tgt Ion:149 Resp: 1744875
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.1 8.9 13.3

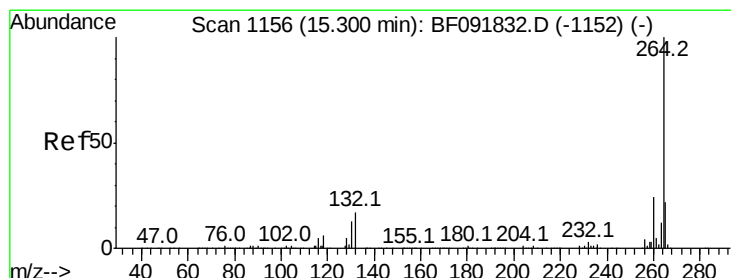
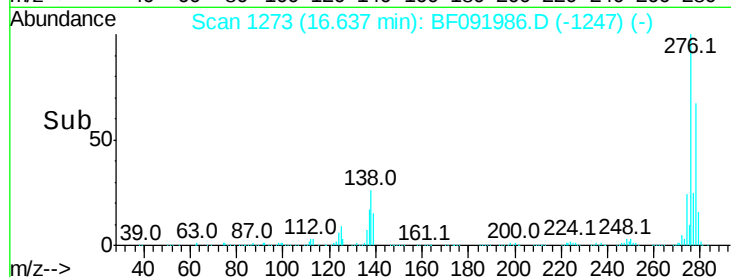
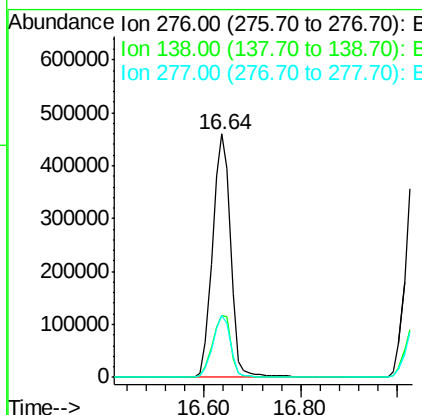
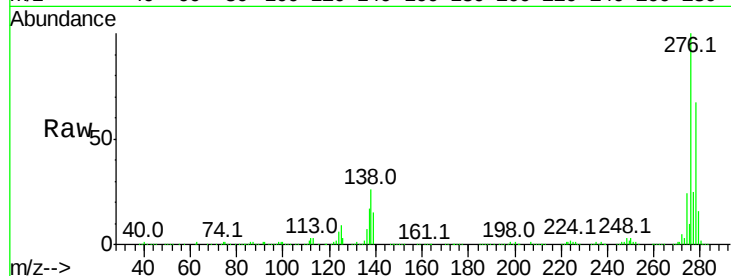




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.55 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

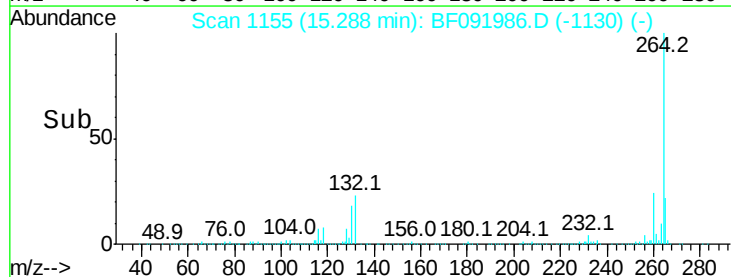
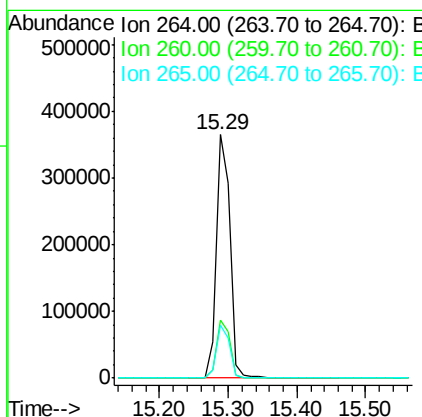
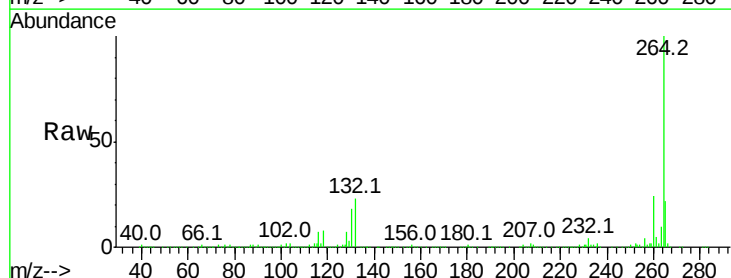
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

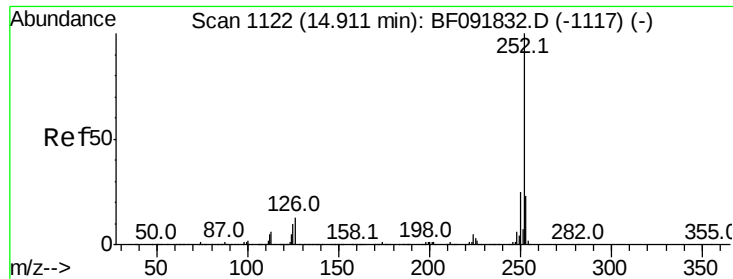
Tot Ion:276 Resp: 1217049
 Ion Ratio Lower Upper
 276 100
 138 26.2 21.8 32.6
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Tgt Ion:264 Resp: 513740
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 35.93 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

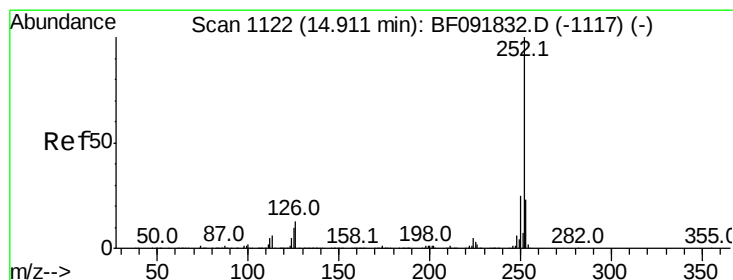
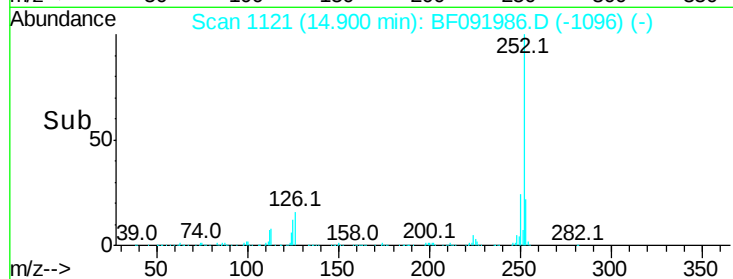
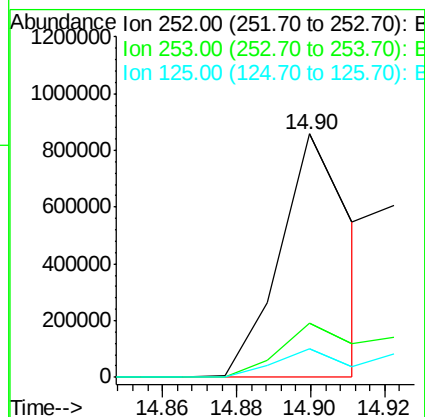
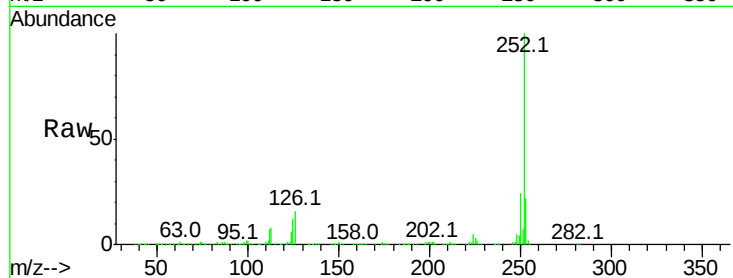
Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1149247

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	11.7	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 44.35 ng m

RT: 14.93 min Scan# 1124

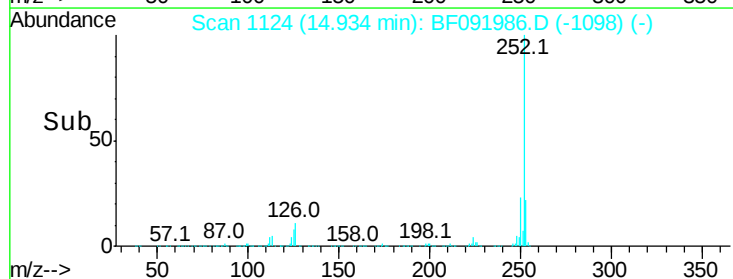
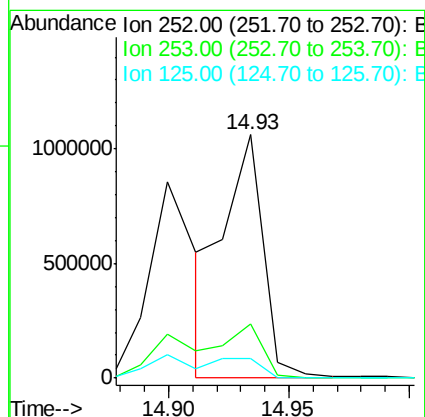
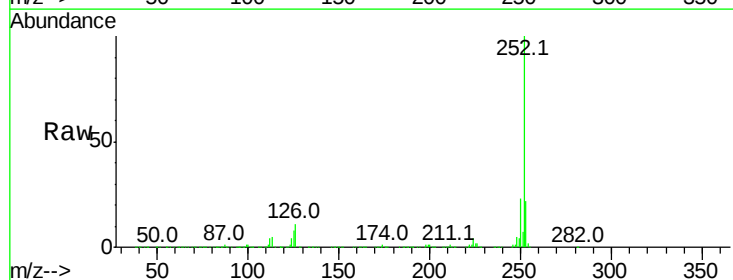
Delta R.T. -0.00 min

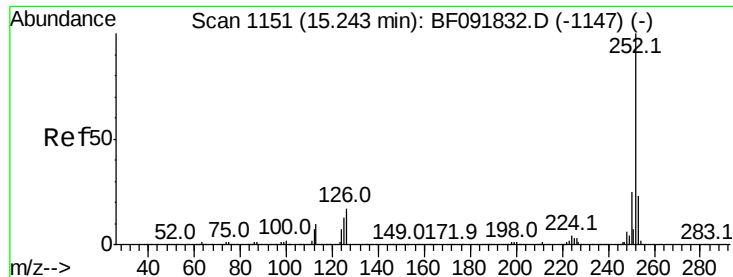
Lab File: BF091986.D

Acq: 27 Dec 2016 23:51

Tgt Ion:252 Resp: 1209521

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	7.9	8.9	13.3#

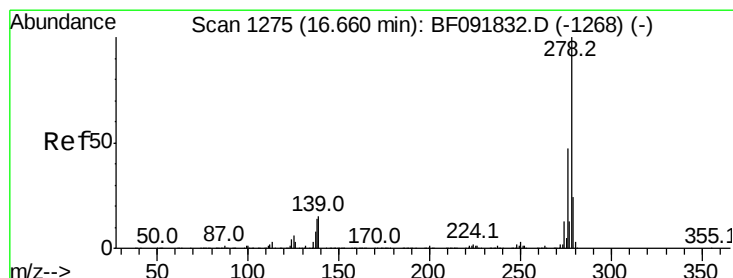
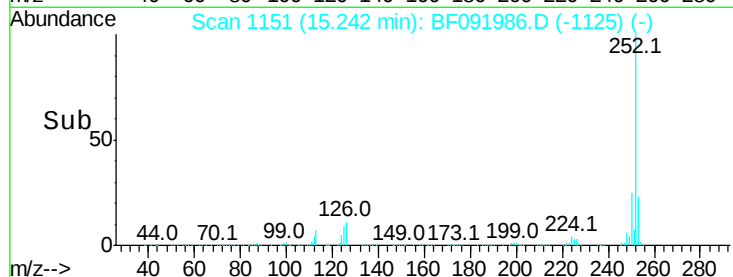
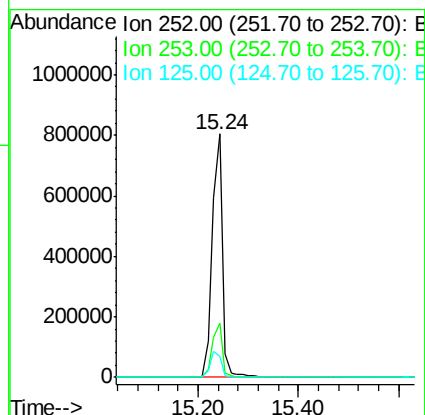
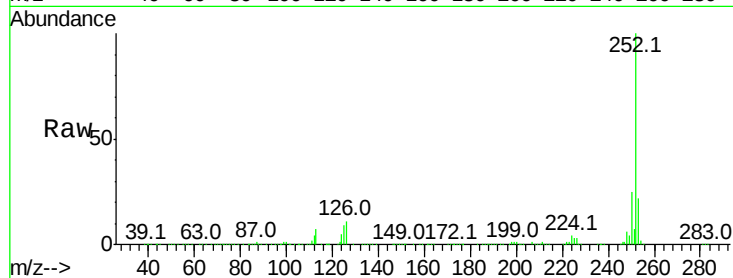




#89
Benzo(a)pyrene
Concen: 39.74 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

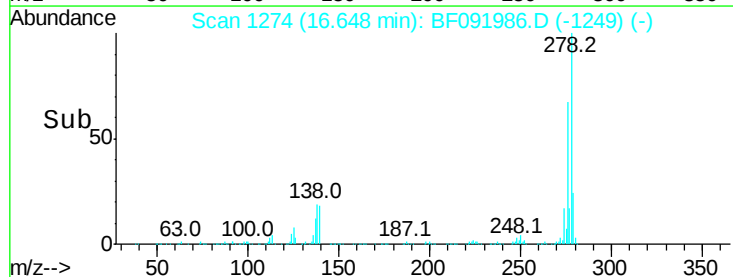
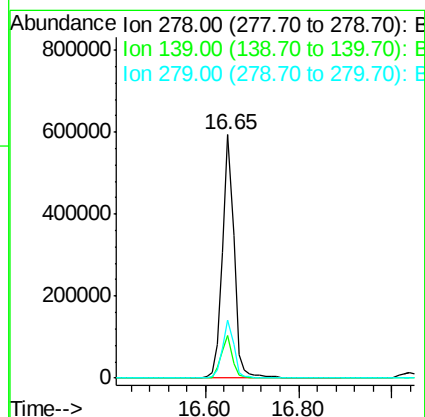
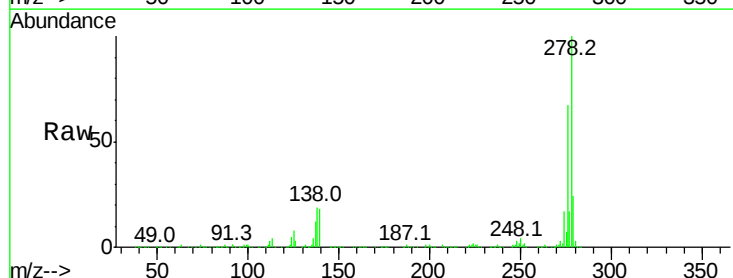
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

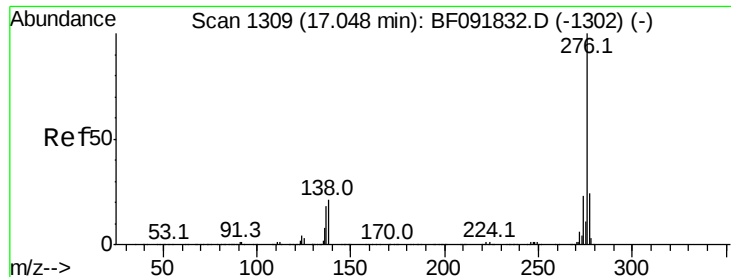
Tot Ion:252 Resp: 1128175
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.8 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 43.47 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091986.D
Acq: 27 Dec 2016 23:51

Tgt Ion:278 Resp: 1014233
Ion Ratio Lower Upper
278 100
139 17.5 14.8 22.2
279 24.0 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.25 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091986.D
 Acq: 27 Dec 2016 23:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:276 Resp: 1073528

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	22.6	16.0	24.0

