

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091759.D
 Acq On : 19 Dec 2016 2:36
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 19 04:06:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	323132	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1274842	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	689419	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1099123	20.00	ng	0.00
75) Chrysene-d12	13.93	240	850459	20.00	ng	0.00
86) Perylene-d12	15.33	264	755787	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1605588	83.25	ng	0.00
7) Phenol-d6	6.42	99	1933206	82.19	ng	0.00
23) Nitrobenzene-d5	7.34	82	1918585	86.79	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	468982	80.22	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2910799	84.82	ng	0.00
78) Terphenyl-d14	12.88	244	2512038	74.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	393172	41.39	ng	98
3) Pyridine	2.99	79	1285668	42.02	ng	98
4) n-Nitrosodimethylamine	2.96	42	545748	46.08	ng	98
6) Aniline	6.43	93	1273159	42.07	ng	95
8) 2-Chlorophenol	6.56	128	880818	41.49	ng	99
9) Benzaldehyde	6.32	77	587181	43.92	ng	99
10) Phenol	6.43	94	1074531	40.53	ng	98
11) bis(2-Chloroethyl)ether	6.51	93	844147	39.86	ng	100
12) 1,3-Dichlorobenzene	6.70	146	922888	39.58	ng	# 89
13) 1,4-Dichlorobenzene	6.78	146	907681	38.48	ng	99
14) 1,2-Dichlorobenzene	6.94	146	906566	43.87	ng	98
15) Benzyl Alcohol	6.92	79	746960	41.02	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1361155	42.07	ng	100
17) 2-Methylphenol	7.04	107	729062	41.09	ng	99
18) Hexachloroethane	7.29	117	368842	42.08	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	608912	38.92	ng	99
20) 3+4-Methylphenols	7.20	107	826226	41.75	ng	97
22) Acetophenone	7.18	105	1296801	42.13	ng	99
24) Nitrobenzene	7.36	77	905047	38.12	ng	99
25) Isophorone	7.61	82	1833112	43.46	ng	99
26) 2-Nitrophenol	7.68	139	514276	44.91	ng	96
27) 2,4-Dimethylphenol	7.72	122	797338	42.68	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	1027408	41.63	ng	99
29) 2,4-Dichlorophenol	7.92	162	708906	41.14	ng	87
30) 1,2,4-Trichlorobenzene	8.00	180	770746	41.28	ng	# 95
31) Naphthalene	8.08	128	2330489	38.26	ng	100
32) Benzoic acid	7.87	122	544198	40.87	ng	99
33) 4-Chloroaniline	8.13	127	1104333	43.04	ng	99
34) Hexachlorobutadiene	8.20	225	448284	42.70	ng	99
35) Caprolactam	8.52	113	235900	42.55	ng	# 70
36) 4-Chloro-3-methylphenol	8.62	107	802033	42.19	ng	99
37) 2-Methylnaphthalene	8.77	142	1695997	44.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	690442	40.18	ng	99
40) Hexachlorocyclopentadiene	8.92	237	267267	36.70	ng	97

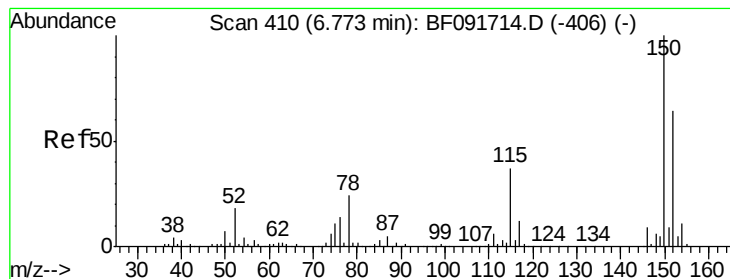
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091759.D
 Acq On : 19 Dec 2016 2:36
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 19 04:06:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	510196	41.55	nq	96
43) 2,4,5-Trichlorophenol	9.09	196	492521	40.83	nq	99
45) 1,1'-Biphenyl	9.24	154	2107178	42.64	nq	98
46) 2-Chloronaphthalene	9.26	162	1596009	43.22	nq	98
47) 2-Nitroaniline	9.36	65	502059	39.82	nq	97
48) Acenaphthylene	9.68	152	2444005	42.72	nq	100
49) Dimethylphthalate	9.55	163	1979886	43.97	nq	100
50) 2,6-Dinitrotoluene	9.61	165	453509	45.93	nq	98
51) Acenaphthene	9.85	154	1643460	41.85	nq	99
52) 3-Nitroaniline	9.78	138	536924	43.68	nq	# 69
53) 2,4-Dinitrophenol	9.88	184	188423	35.32	nq	99
54) Dibenzofuran	10.02	168	2141245	45.86	nq	98
55) 4-Nitrophenol	9.94	139	312889	36.65	nq	99
56) 2,4-Dinitrotoluene	10.01	165	546130	44.28	nq	95
57) Fluorene	10.36	166	1681926	46.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	392613	39.37	nq	100
59) Diethylphthalate	10.24	149	1787500	40.38	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	646632	39.14	nq	99
61) 4-Nitroaniline	10.38	138	478673	41.10	nq	99
62) Azobenzene	10.51	77	1909546	40.54	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	296751	40.94	nq	89
65) n-Nitrosodiphenylamine	10.48	169	1512417	44.31	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	494409	42.90	nq	95
67) Hexachlorobenzene	10.91	284	531092	43.97	nq	# 90
68) Atrazine	11.00	200	432013	41.89	nq	97
69) Pentachlorophenol	11.10	266	278142	42.68	nq	99
70) Phenanthrene	11.32	178	2467608	44.93	nq	99
71) Anthracene	11.37	178	2332039	40.09	nq	100
72) Carbazole	11.53	167	2395028	47.08	nq	100
73) Di-n-butylphthalate	11.86	149	2605794	39.96	nq	100
74) Fluoranthene	12.50	202	2246986	39.17	nq	99
76) Benzidine	12.62	184	881654	36.01	nq	98
77) Pyrene	12.73	202	2304790	37.53	nq	99
79) Butylbenzylphthalate	13.36	149	1263651	43.96	nq	91
80) Benzo(a)anthracene	13.92	228	1902021	39.10	nq	100
81) 3,3'-Dichlorobenzidine	13.88	252	699334	35.93	nq	97
82) Chrysene	13.95	228	1778577	35.27	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1389099	38.10	nq	# 98
84) Di-n-octyl phthalate	14.53	149	2746949	40.88	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1735250	35.00	nq	99
87) Benzo(b)fluoranthene	14.93	252	1849788	38.60	nq	99
88) Benzo(k)fluoranthene	14.97	252	1837919m	54.66	nq	
89) Benzo(a)pyrene	15.28	252	1712004	41.62	nq	98
90) Dibenzo(a,h)anthracene	16.71	278	1453110	40.53	nq	# 95
91) Benzo(g,h,i)perylene	17.09	276	1476040	40.51	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

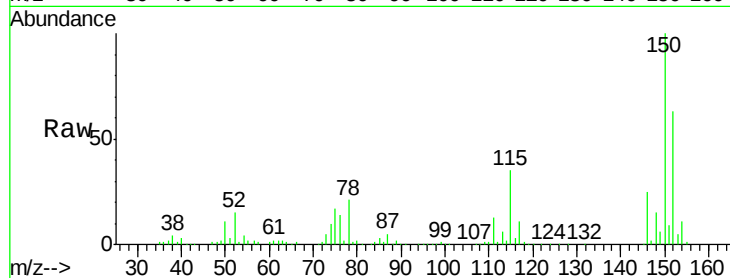
Tot Ion:152 Resp: 323132

Ion Ratio Lower Upper

152 100

150 158.5 124.9 187.3

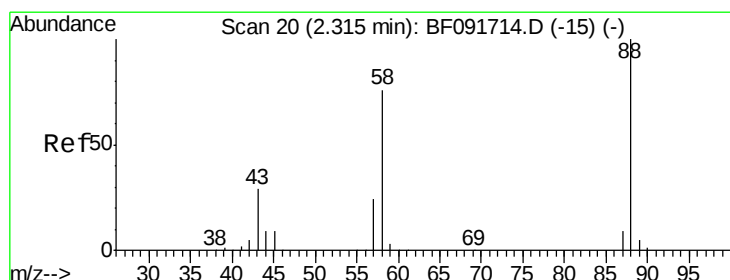
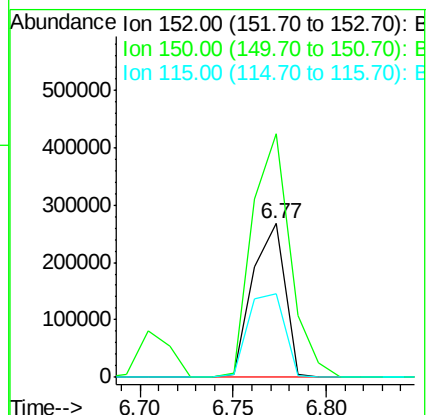
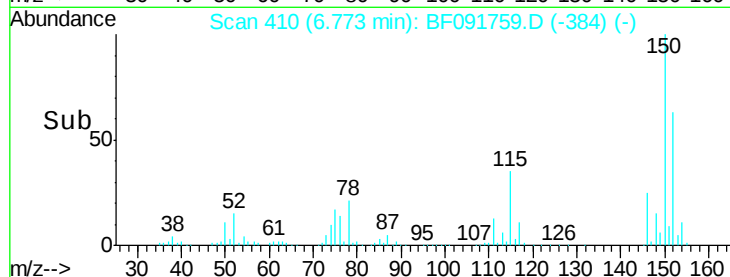
115 54.7 46.0 69.0



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: 41.39 ng

RT: 2.30 min Scan# 19

Delta R.T. -0.01 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

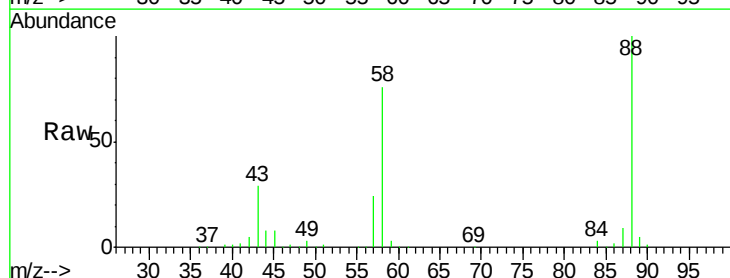
Tgt Ion: 88 Resp: 393172

Ion Ratio Lower Upper

88 100

58 74.3 57.8 86.8

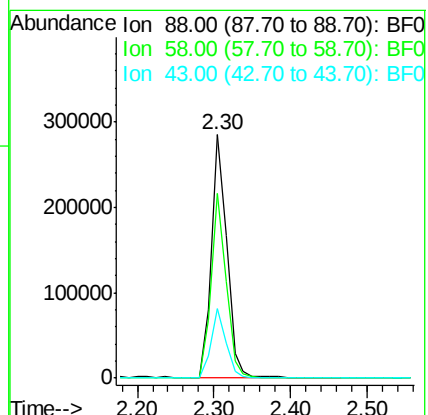
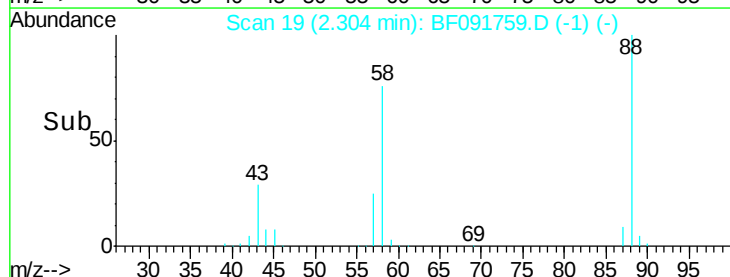
43 28.2 22.3 33.5

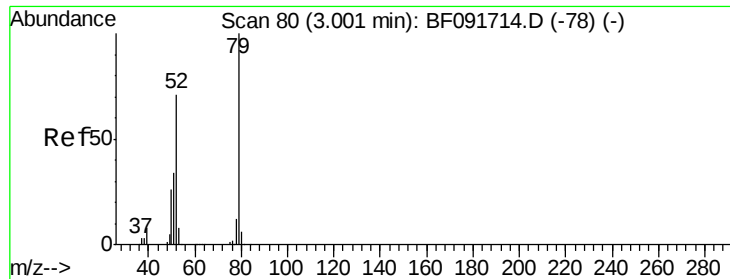


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.02 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.01 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

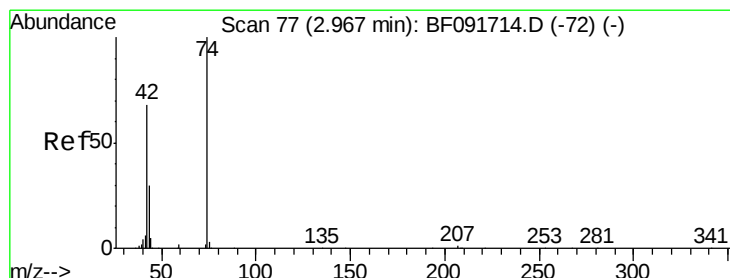
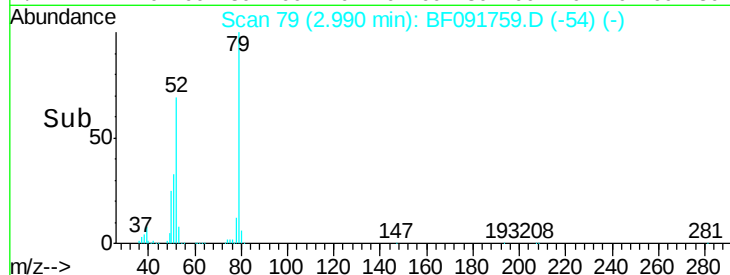
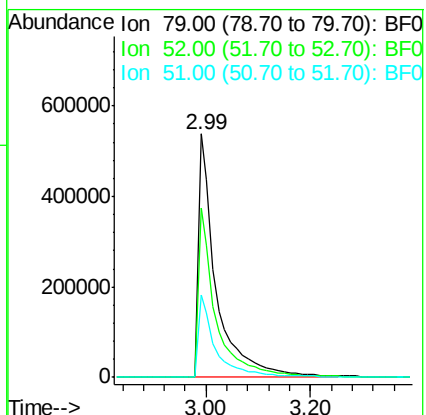
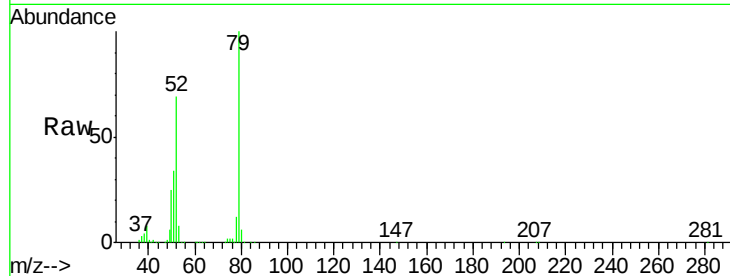
Tot Ion: 79 Resp: 1285668

Ion Ratio Lower Upper

79 100

52 69.5 57.1 85.7

51 33.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 46.08 ng

RT: 2.96 min Scan# 76

Delta R.T. -0.01 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

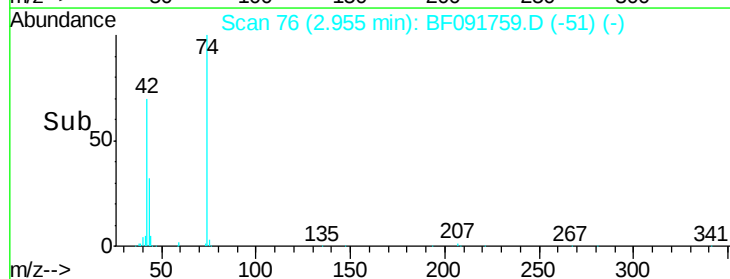
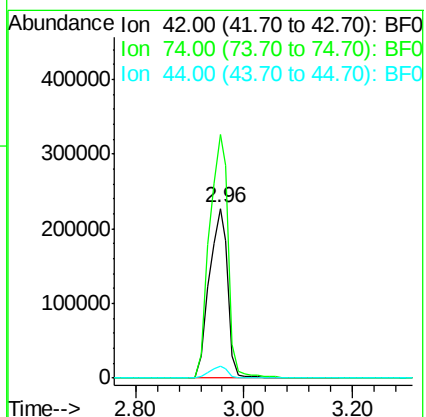
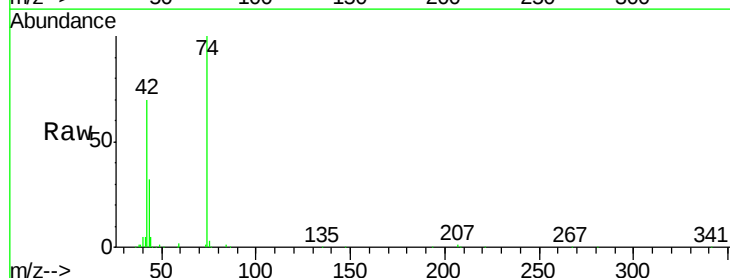
Tgt Ion: 42 Resp: 545748

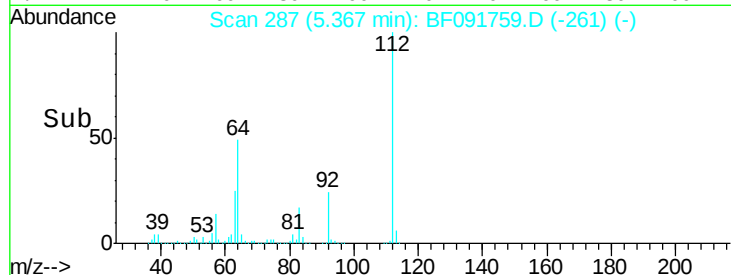
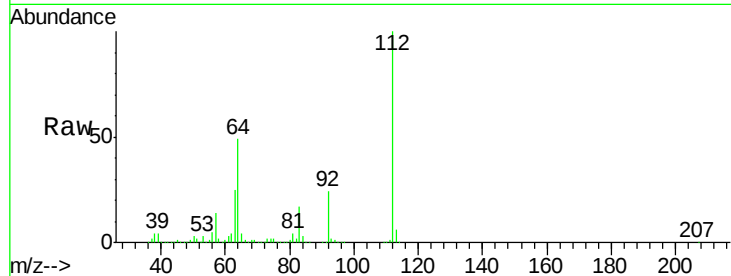
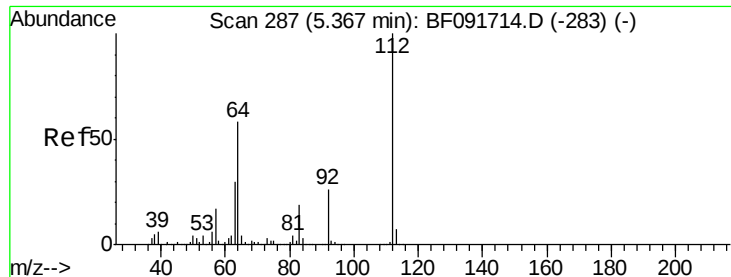
Ion Ratio Lower Upper

42 100

74 143.6 117.0 175.4

44 7.0 5.5 8.3

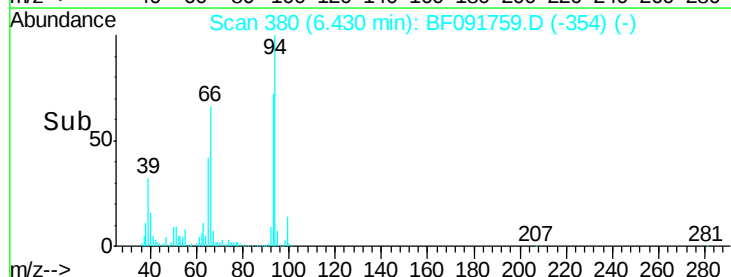
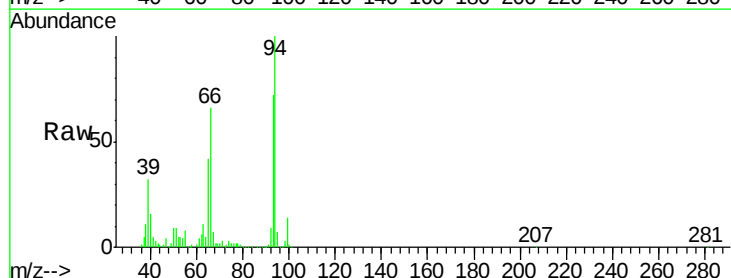
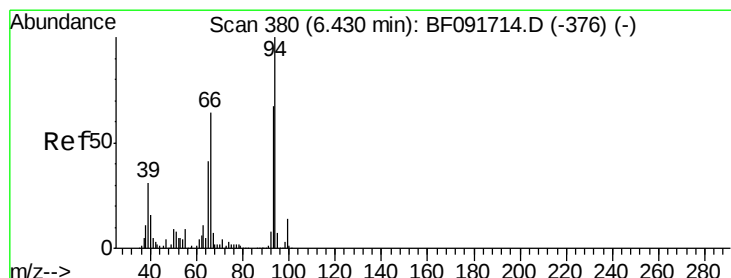
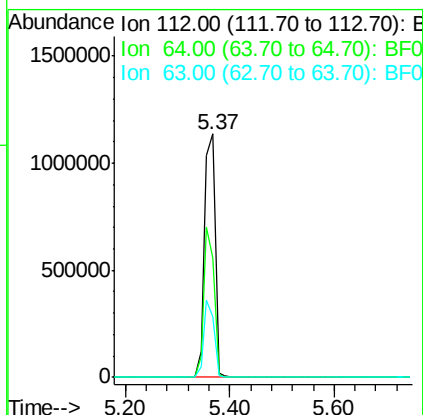




#5
2-Fluorophenol
Concen: 83.25 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

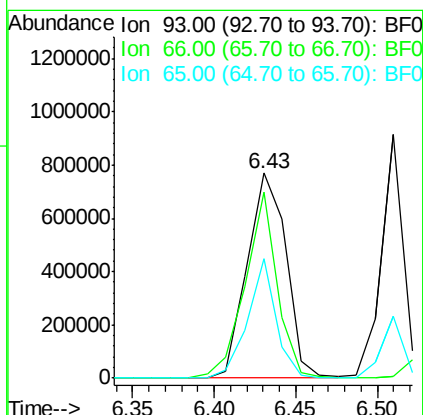
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

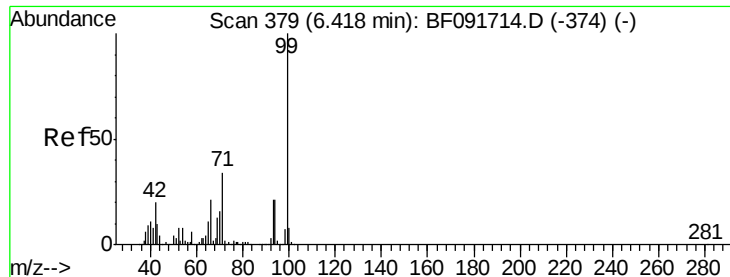
Tot Ion:112 Resp: 1605588
Ion Ratio Lower Upper
112 100
64 49.2 46.1 69.1
63 25.1 23.8 35.6



#6
Aniline
Concen: 42.07 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion: 93 Resp: 1273159
Ion Ratio Lower Upper
93 100
66 90.7 76.2 114.2
65 58.3 49.3 73.9





#7

Phenol-d6

Concen: 82.19 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

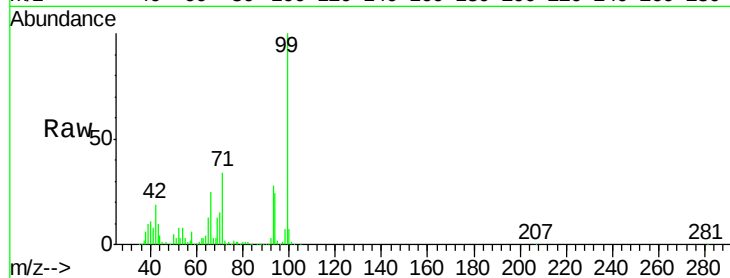
Tot Ion: 99 Resp: 1933206

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

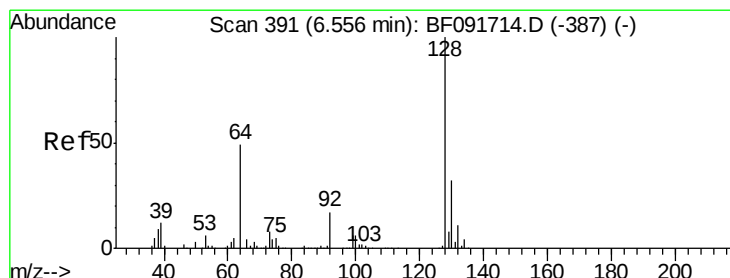
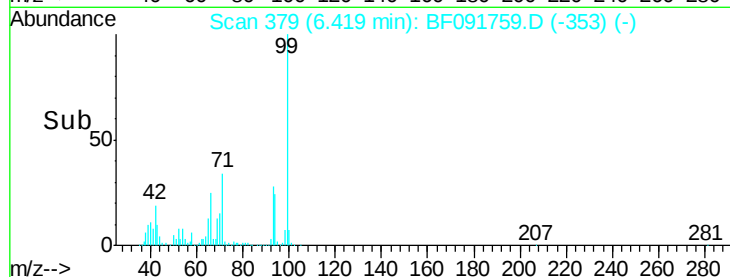
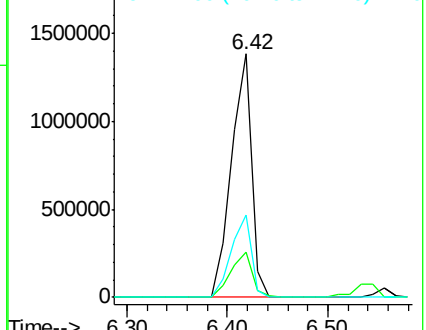
71 34.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.49 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

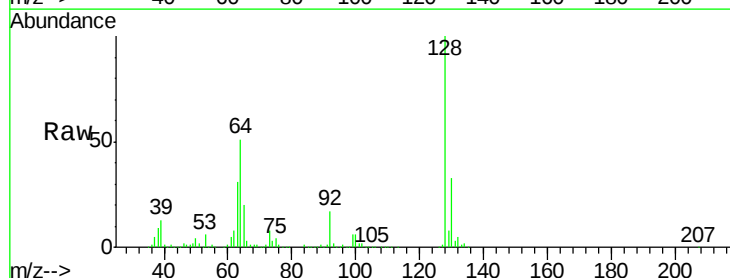
Tgt Ion: 128 Resp: 880818

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

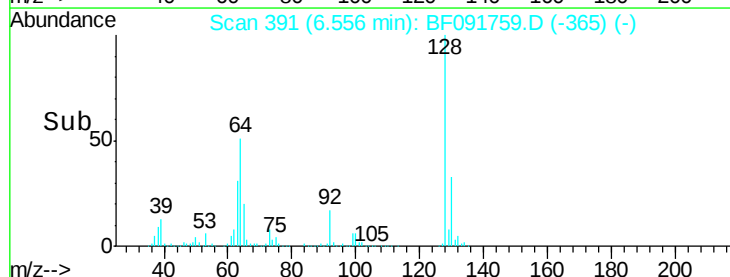
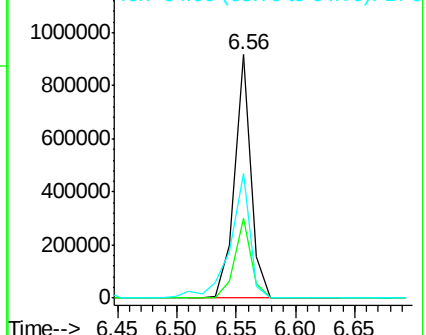
64 51.2 32.2 72.2

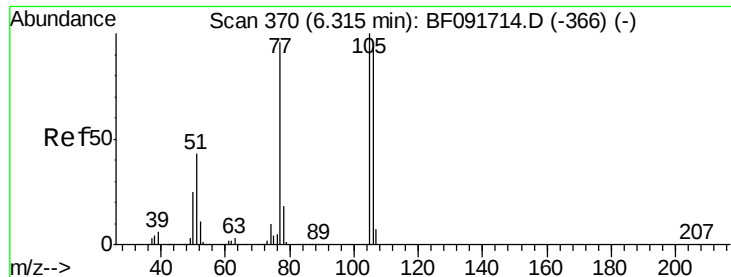


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.92 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

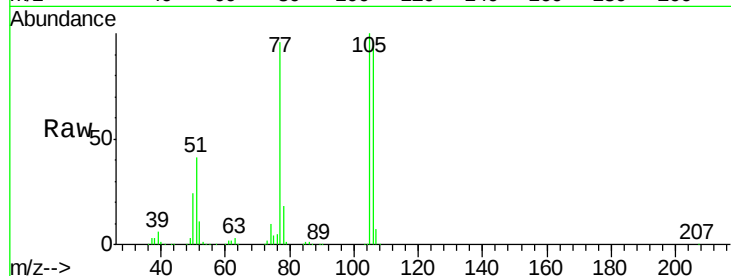
Tot Ion: 77 Resp: 587181

Ion Ratio Lower Upper

77 100

105 104.6 83.9 123.9

106 99.9 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

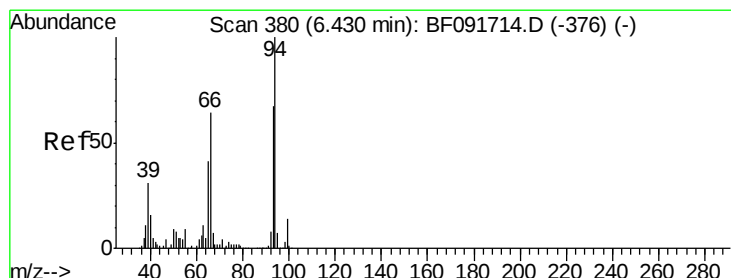
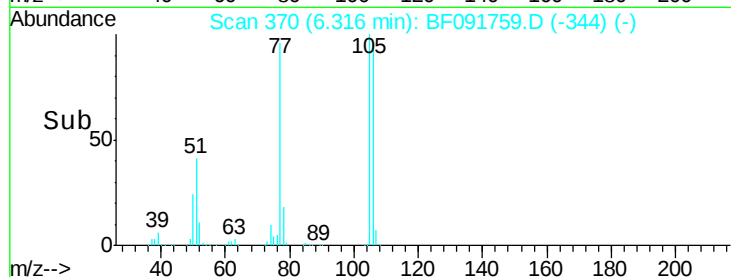
Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

6.32

Time-->

6.25 6.30 6.35 6.40



#10

Phenol

Concen: 40.53 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

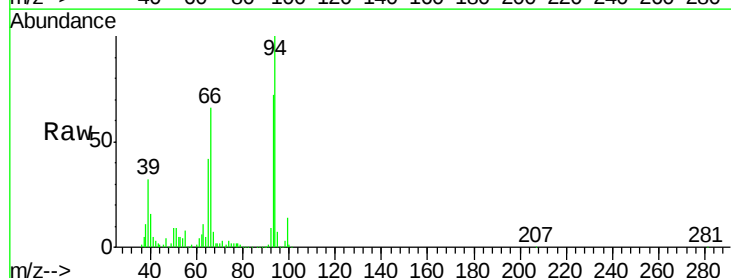
Tgt Ion: 94 Resp: 1074531

Ion Ratio Lower Upper

94 100

65 42.3 21.4 61.4

66 65.7 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

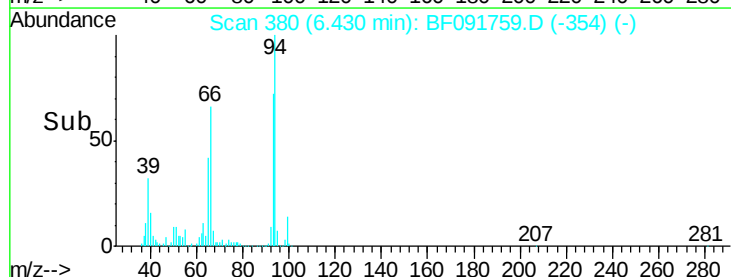
Ion 65.00 (64.70 to 65.70): BF0

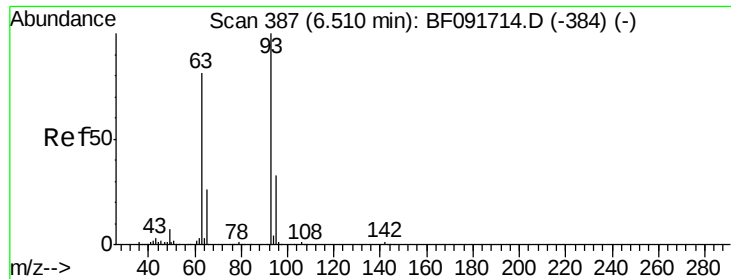
Ion 66.00 (65.70 to 66.70): BF0

6.43

Time-->

6.35 6.40 6.45 6.50

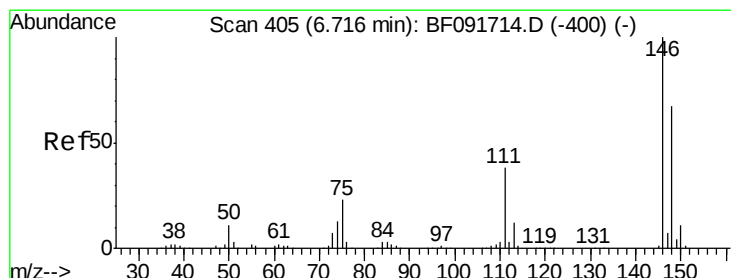
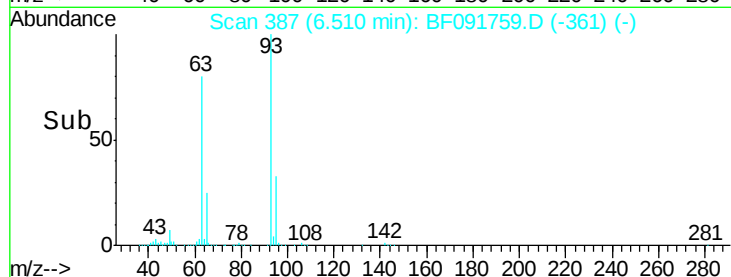
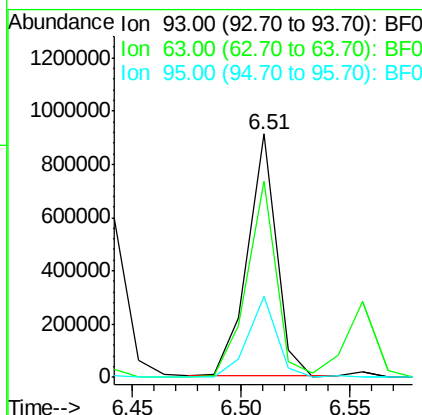
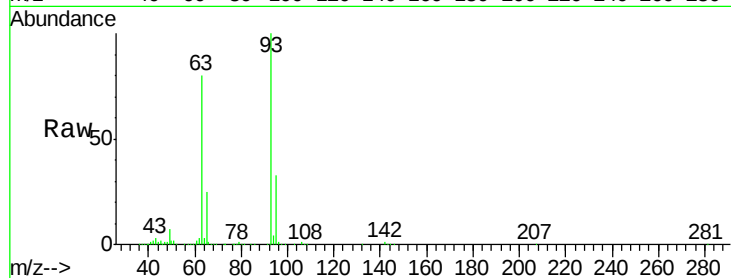




#11
bis(2-Chloroethyl)ether
Concen: 39.86 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

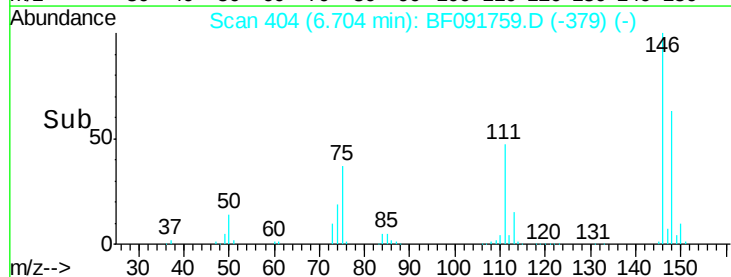
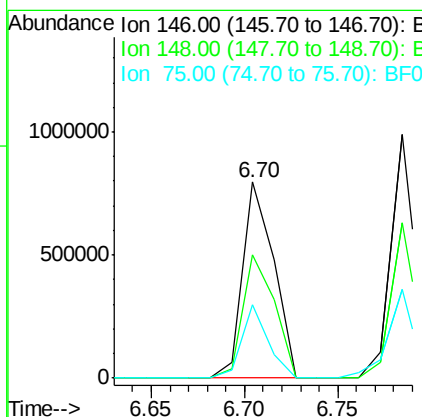
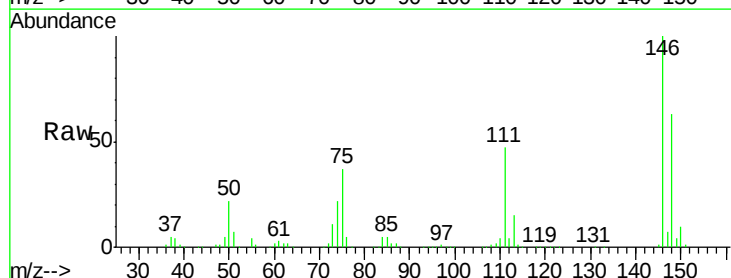
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

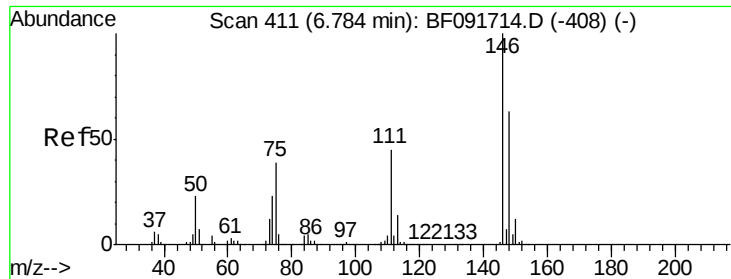
Tot Ion: 93 Resp: 844147
Ion Ratio Lower Upper
93 100
63 80.4 60.4 100.4
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.58 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion: 146 Resp: 922888
Ion Ratio Lower Upper
146 100
148 63.0 53.4 80.0
75 37.4 18.5 27.7#

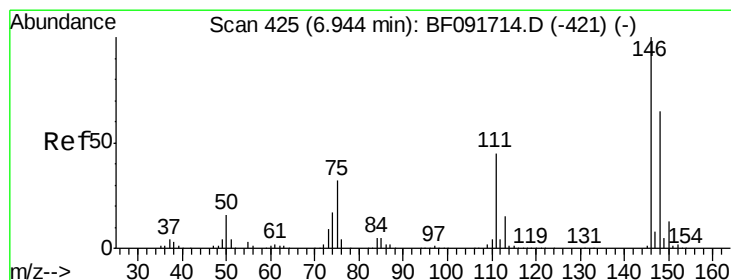
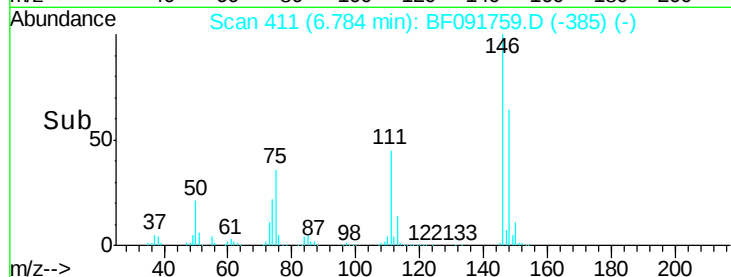
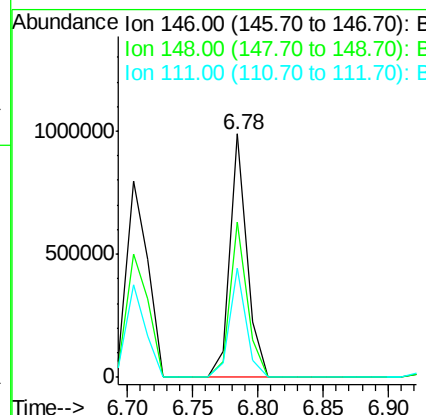
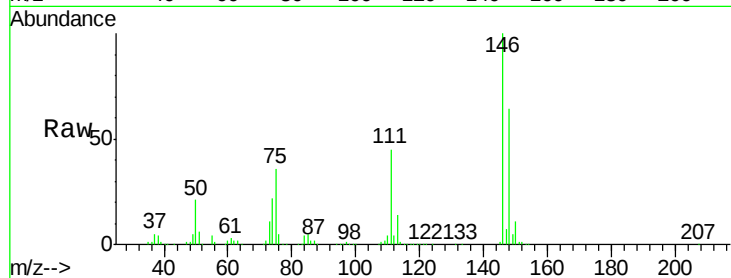




#13
 1,4-Dichlorobenzene
 Concen: 38.48 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

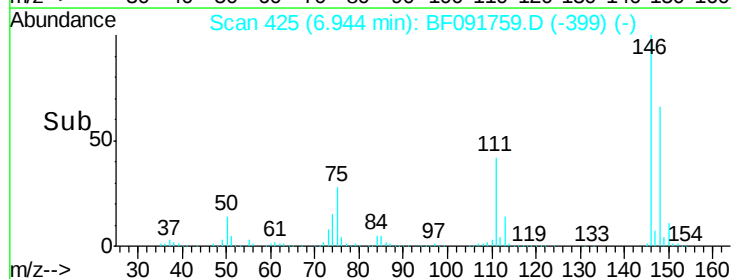
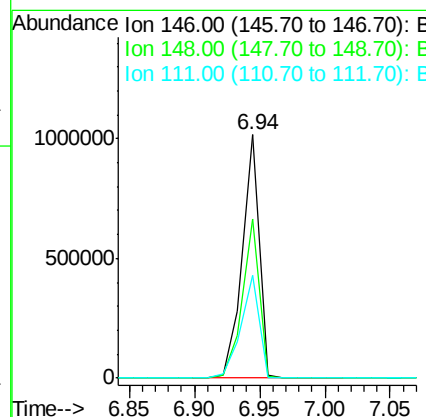
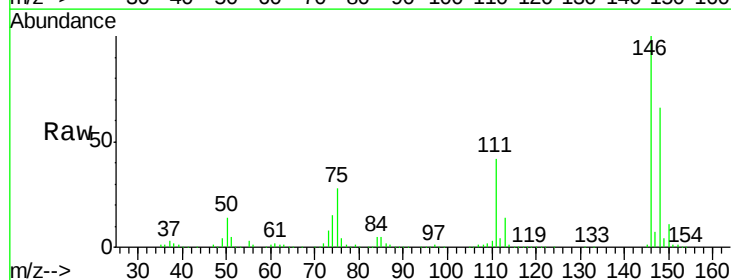
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

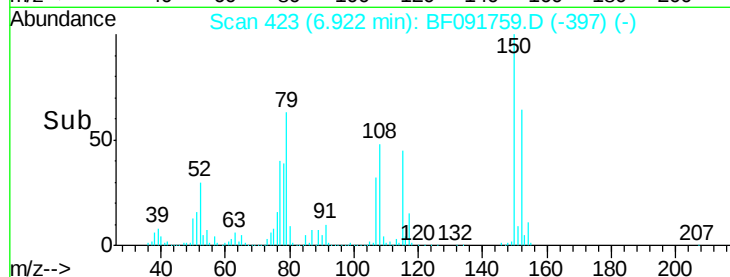
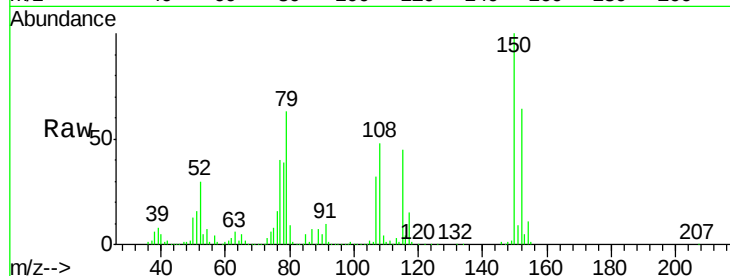
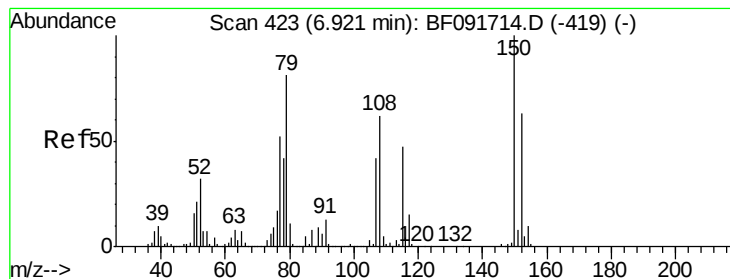
Tot Ion:146 Resp: 907681
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 76.0
 111 44.7 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 43.87 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Tgt Ion:146 Resp: 906566
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.2
 111 42.2 36.2 54.2





#15

Benzyl Alcohol

Concen: 41.02 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

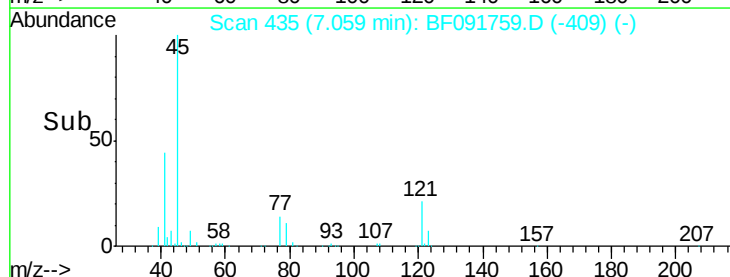
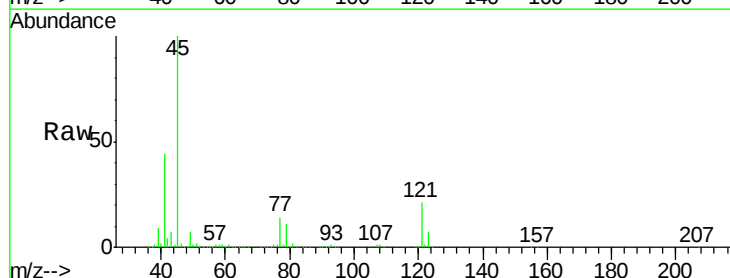
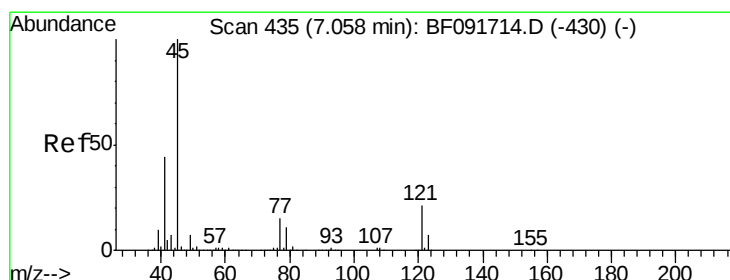
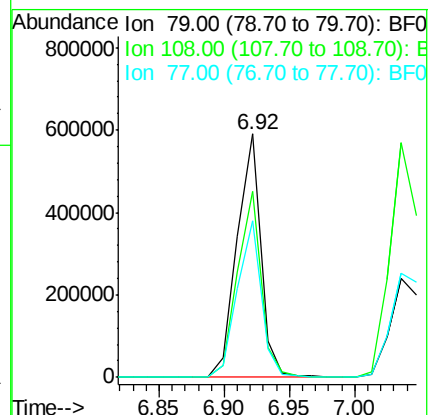
Tot Ion: 79 Resp: 746960

Ion Ratio Lower Upper

79 100

108 76.6 61.4 92.0

77 64.5 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.07 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

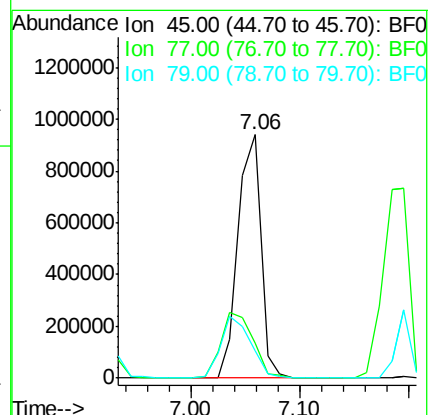
Tgt Ion: 45 Resp: 1361155

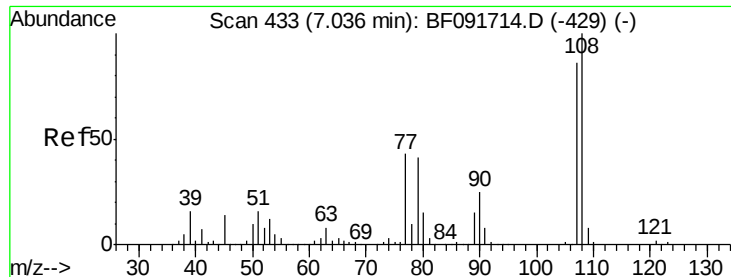
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.6

79 11.4 0.0 31.2

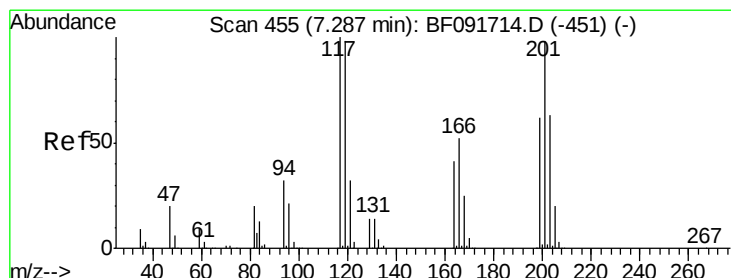
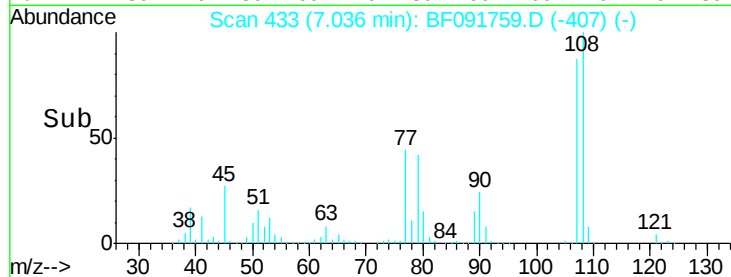
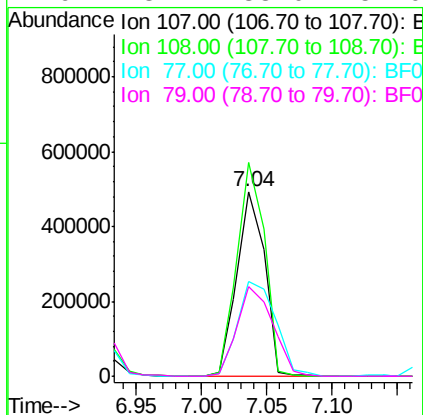
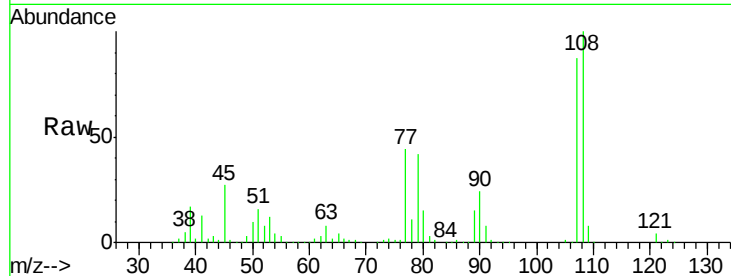




#17
2-Methylphenol
Concen: 41.09 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

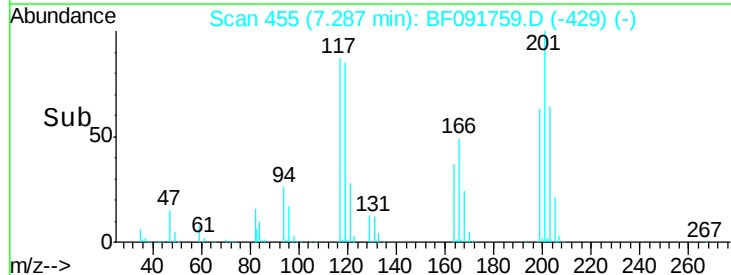
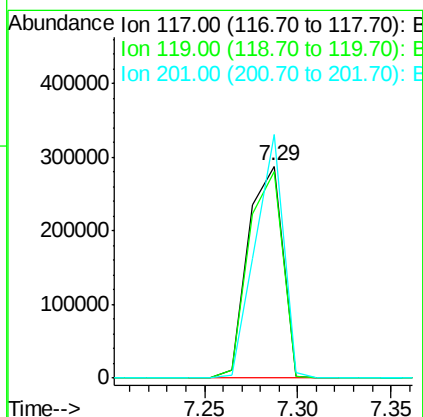
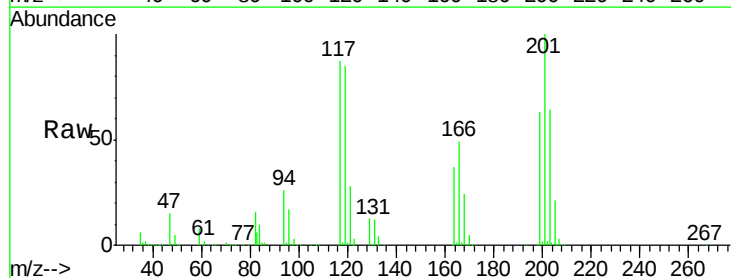
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

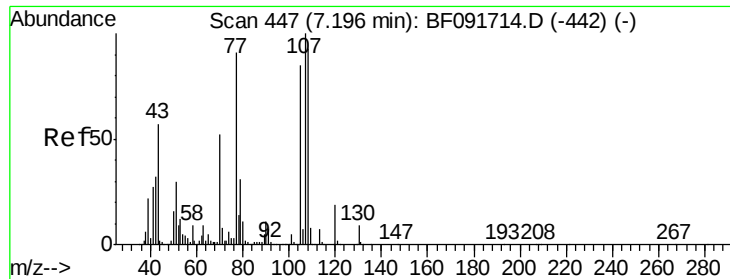
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.0	139.6
77	51.0	39.8	59.8
79	48.4	38.0	57.0



#18
Hexachloroethane
Concen: 42.08 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.1	117.1
201	114.7	78.6	117.8

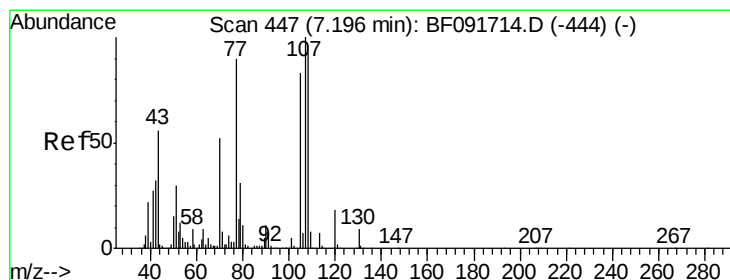
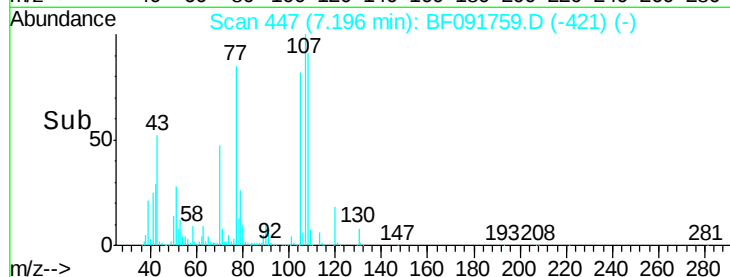
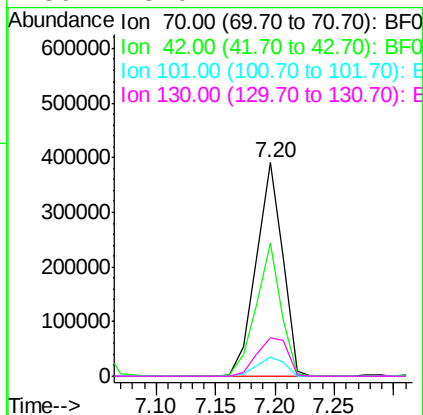
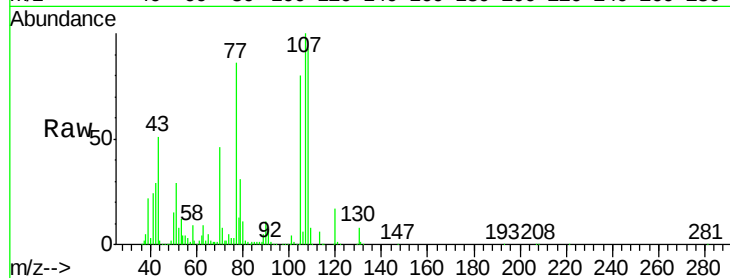




#19
n-Nitroso-di-n-propylamine
Concen: 38.92 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

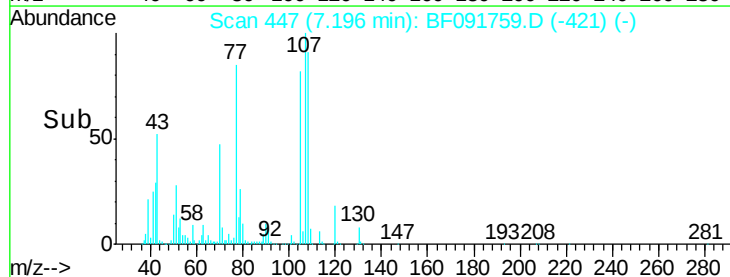
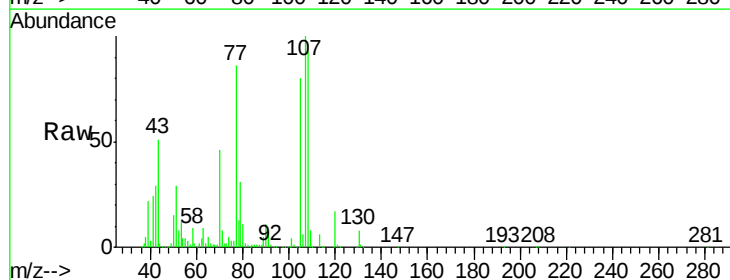
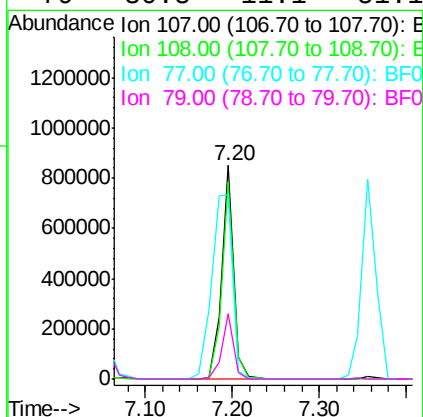
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

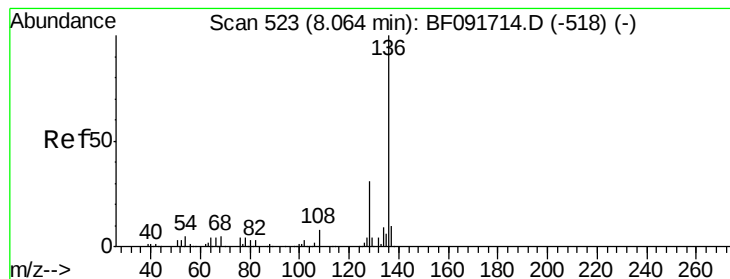
Tot Ion: 70 Resp: 608912
Ion Ratio Lower Upper
70 100
42 62.5 49.4 74.0
101 9.0 7.4 11.2
130 18.0 14.2 21.4



#20
3+4-Methylphenols
Concen: 41.75 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion: 107 Resp: 826226
Ion Ratio Lower Upper
107 100
108 92.6 73.0 113.0
77 86.2 71.3 111.3
79 30.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1274842

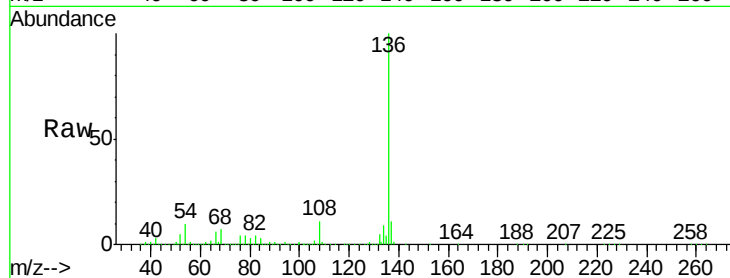
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.5 4.5 6.7#

68 7.1 3.6 5.4#

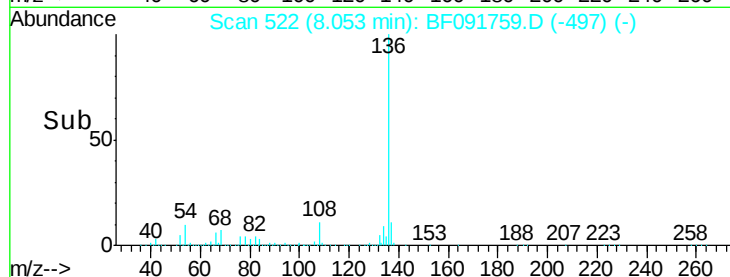


Abundance Ion 136.00 (135.70 to 136.70): E

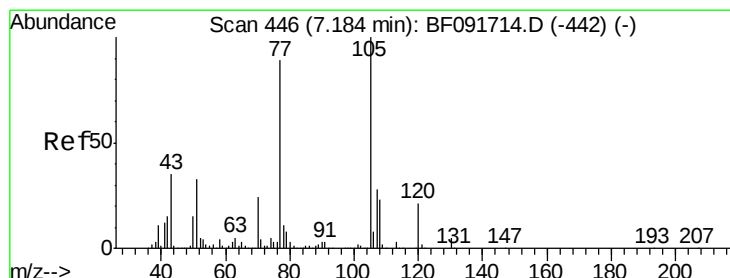
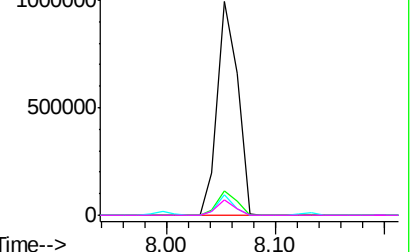
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.13 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Tgt Ion:105 Resp: 1296801

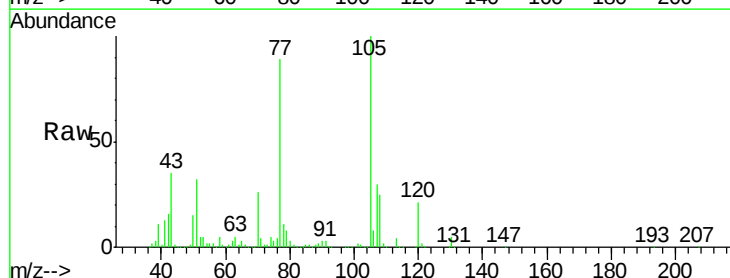
Ion Ratio Lower Upper

105 100

71 4.2 3.2 4.8

51 32.2 26.2 39.4

120 20.9 16.6 24.8

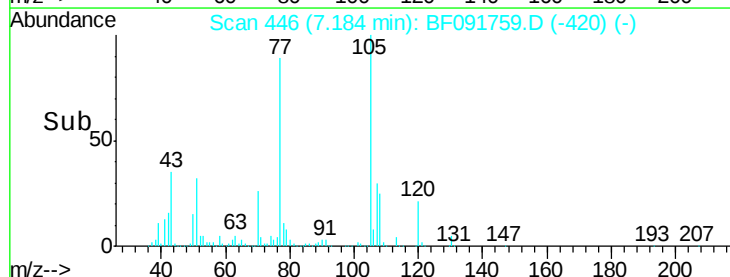


Abundance Ion 105.00 (104.70 to 105.70): E

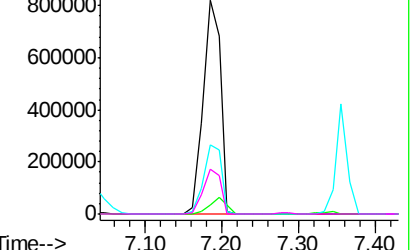
Ion 71.00 (70.70 to 71.70): BF0

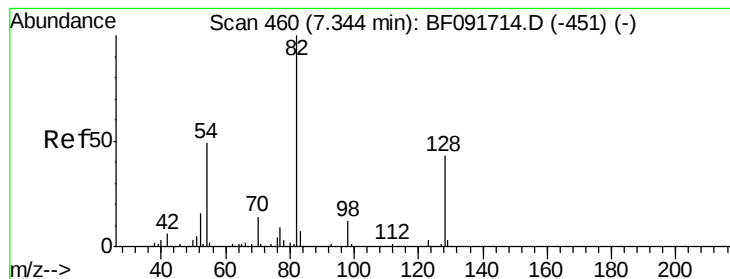
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 86.79 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

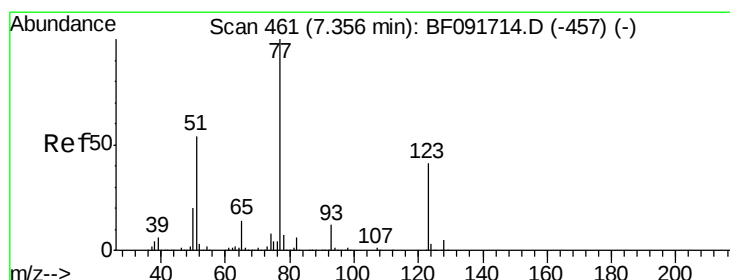
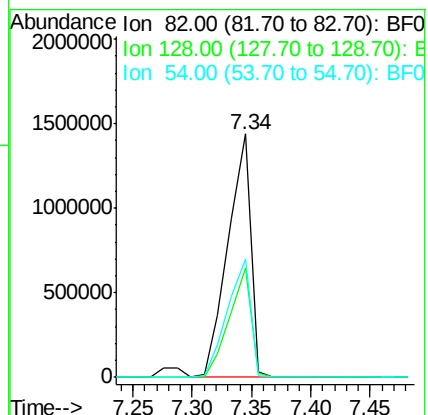
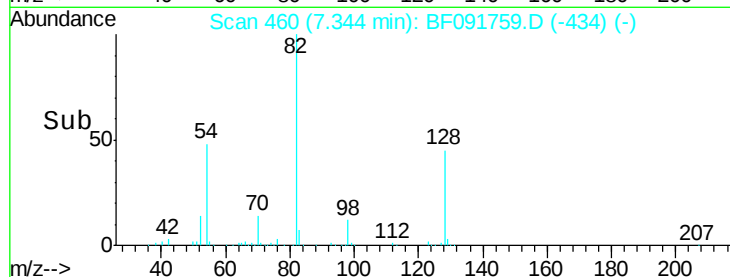
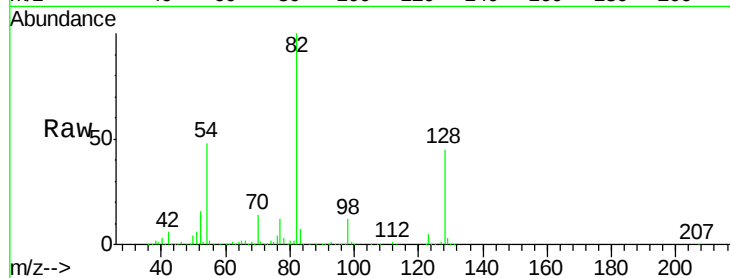
Tot Ion: 82 Resp: 1918585

Ion Ratio Lower Upper

82 100

128 45.1 34.6 52.0

54 48.4 39.5 59.3



#24

Nitrobenzene

Concen: 38.12 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

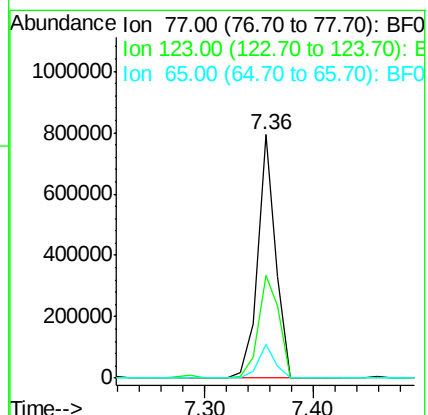
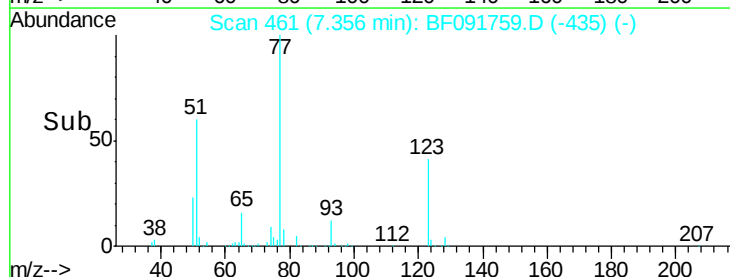
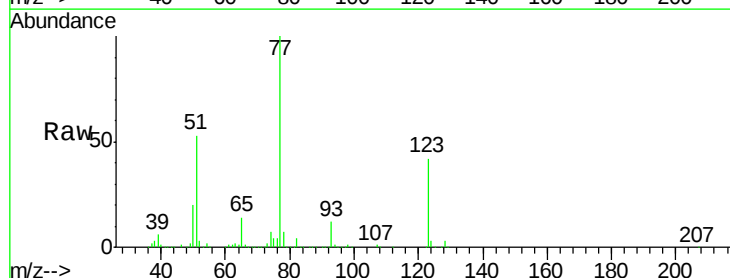
Tgt Ion: 77 Resp: 905047

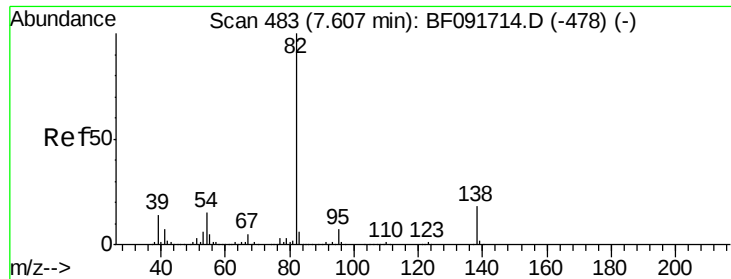
Ion Ratio Lower Upper

77 100

123 42.0 33.0 49.4

65 13.7 11.2 16.8





#25

Isophorone

Concen: 43.46 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

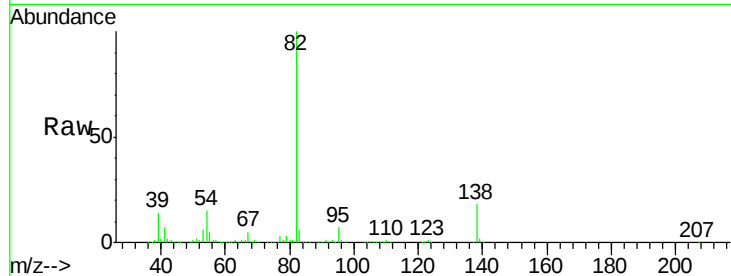
Tot Ion: 82 Resp: 1833112

Ion Ratio Lower Upper

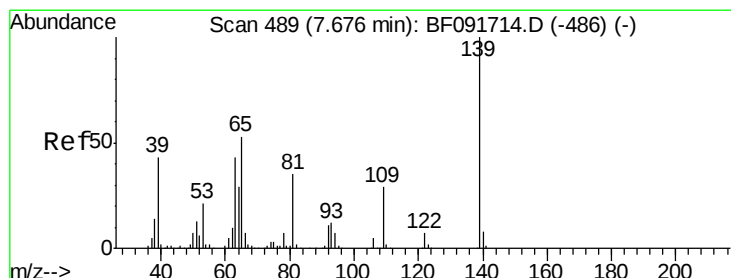
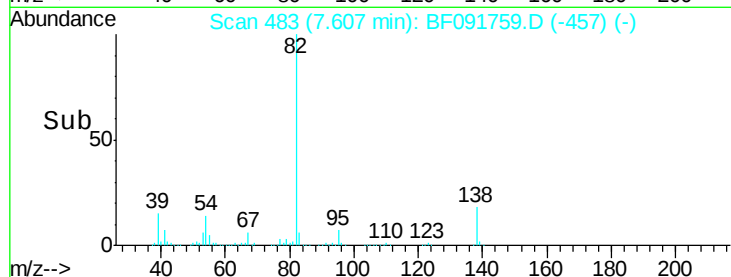
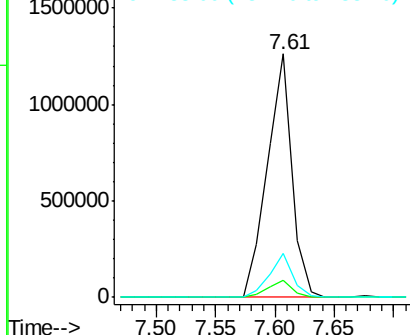
82 100

95 6.9 5.6 8.4

138 18.0 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: 44.91 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

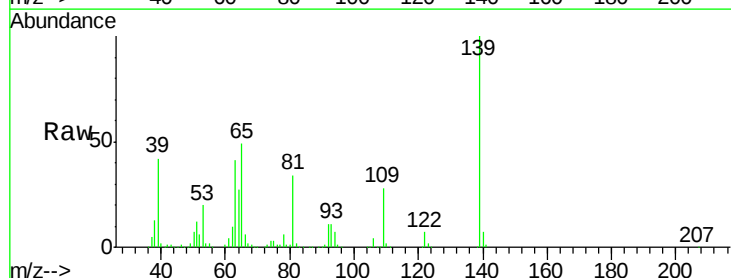
Tgt Ion: 139 Resp: 514276

Ion Ratio Lower Upper

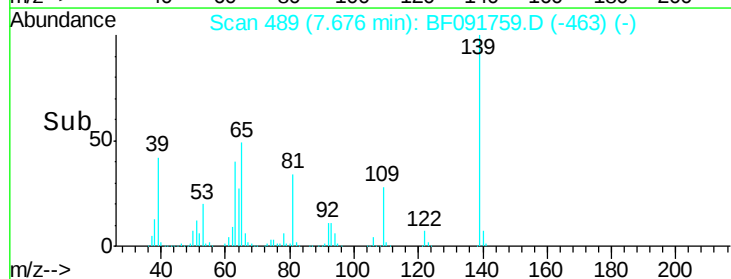
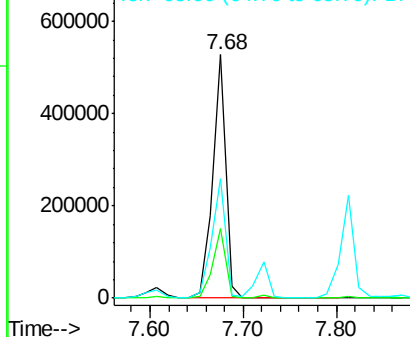
139 100

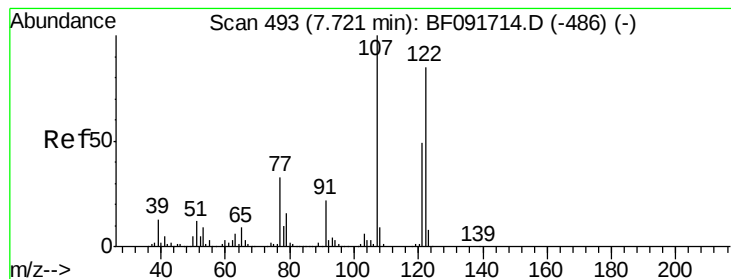
109 28.3 23.3 34.9

65 49.1 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 42.68 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

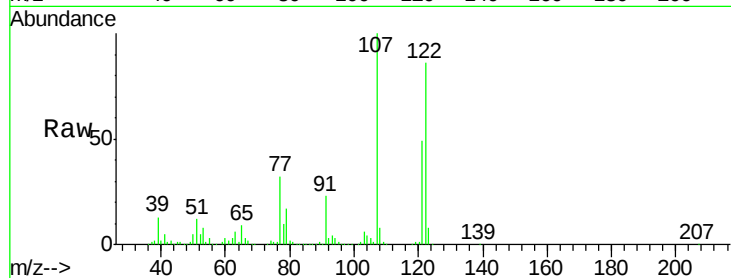
Tot Ion:122 Resp: 797338

Ion Ratio Lower Upper

122 100

107 116.9 94.1 141.1

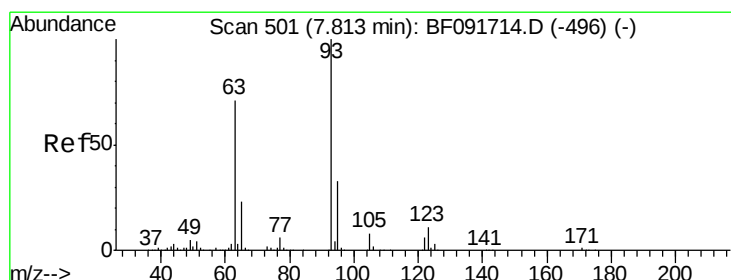
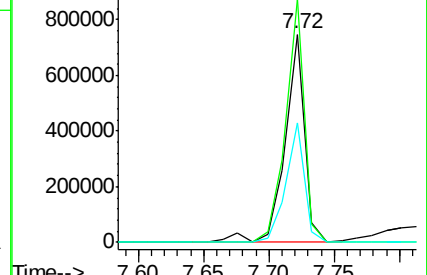
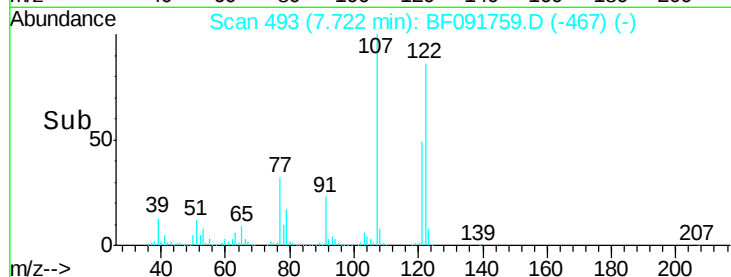
121 57.3 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.63 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

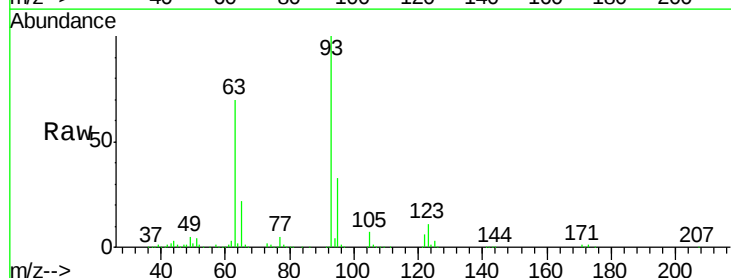
Tgt Ion: 93 Resp: 1027408

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

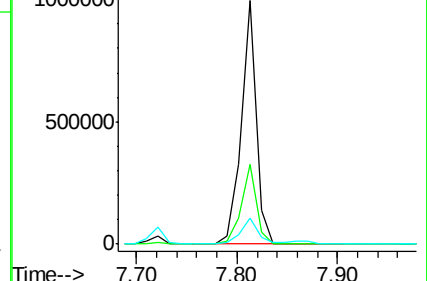
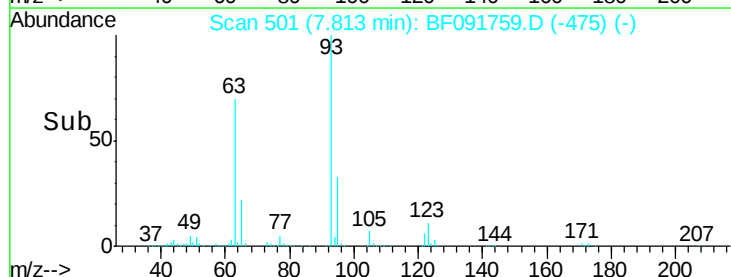
123 10.9 8.6 13.0

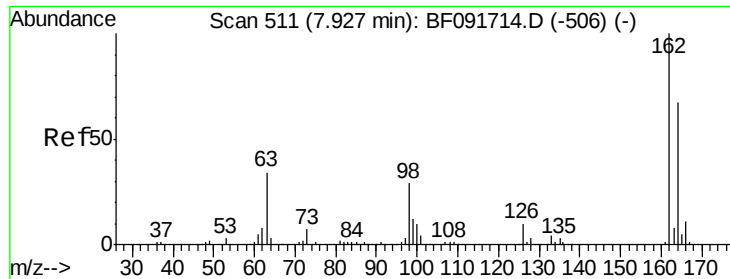


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

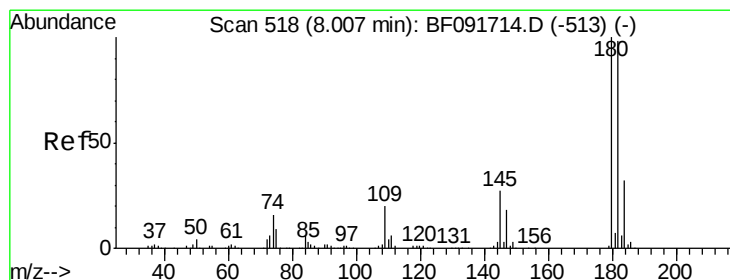
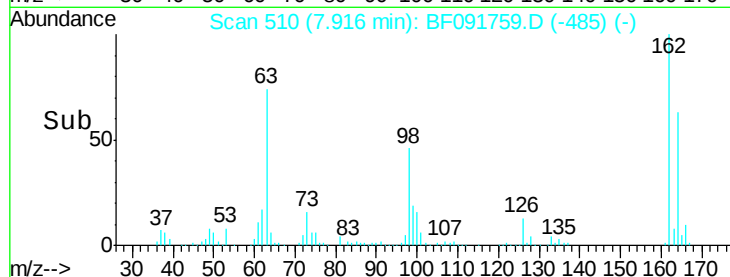
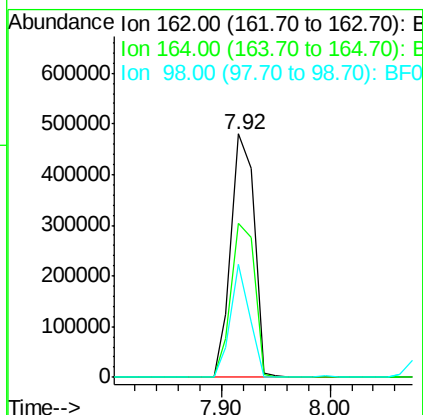
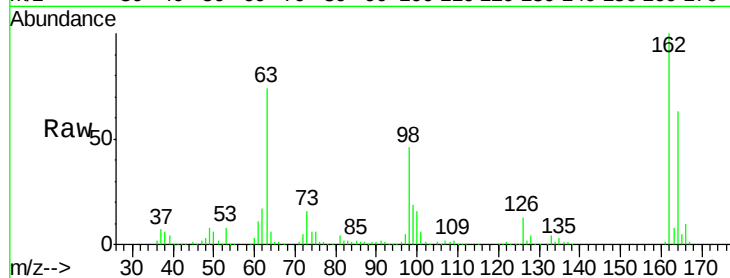




#29
 2,4-Dichlorophenol
 Concen: 41.14 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

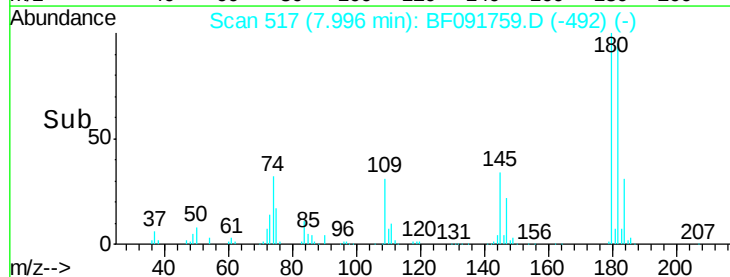
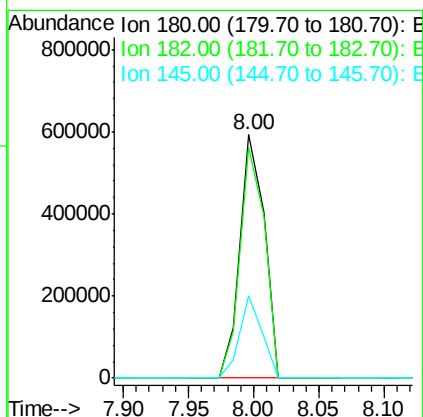
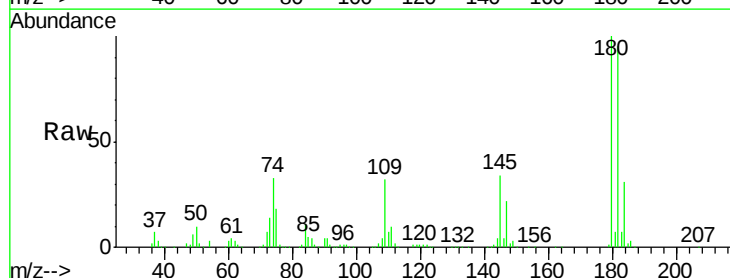
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

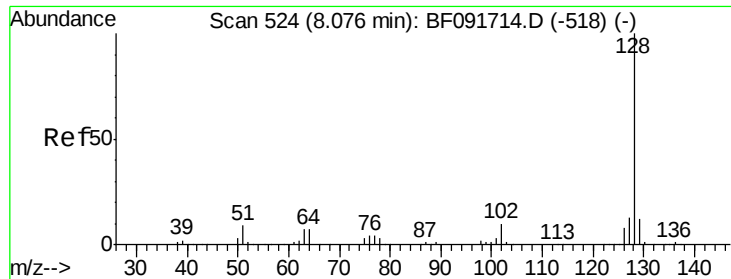
Tot Ion:162 Resp: 708906
 Ion Ratio Lower Upper
 162 100
 164 63.0 46.8 86.8
 98 46.2 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.28 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Tgt Ion:180 Resp: 770746
 Ion Ratio Lower Upper
 180 100
 182 94.8 78.2 117.4
 145 33.8 21.6 32.4#

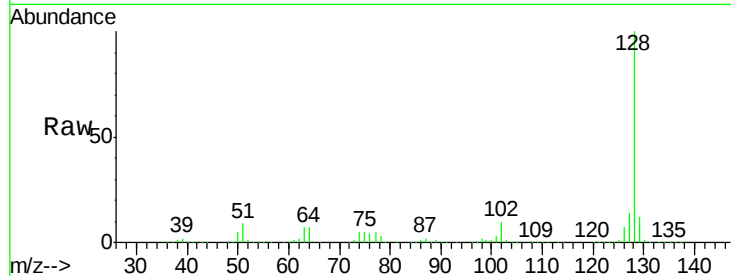




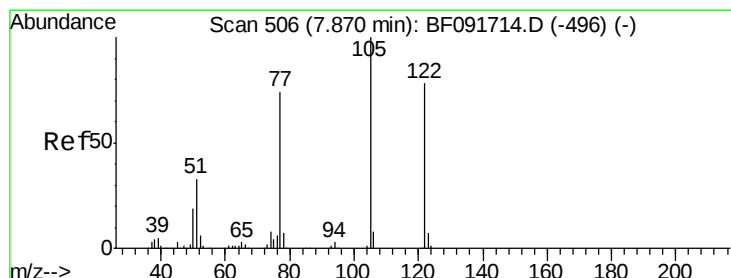
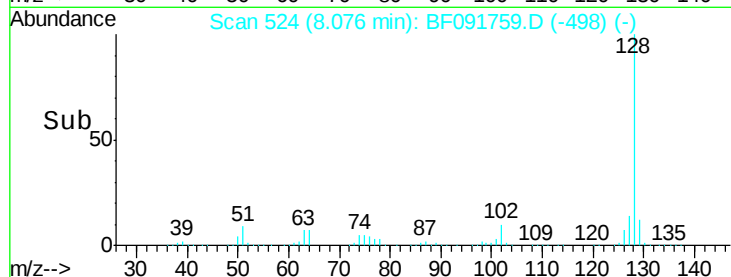
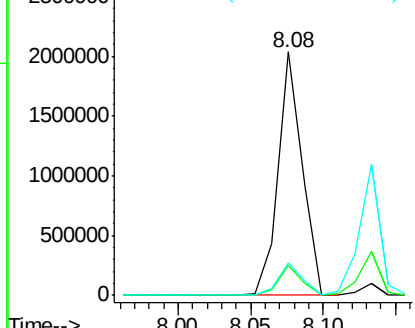
#31
Naphthalene
Concen: 38.26 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2330489
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 13.5 10.8 16.2

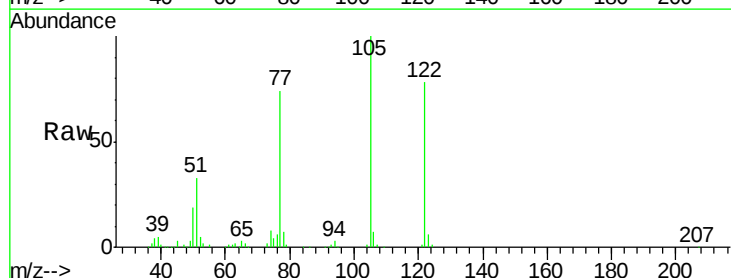


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

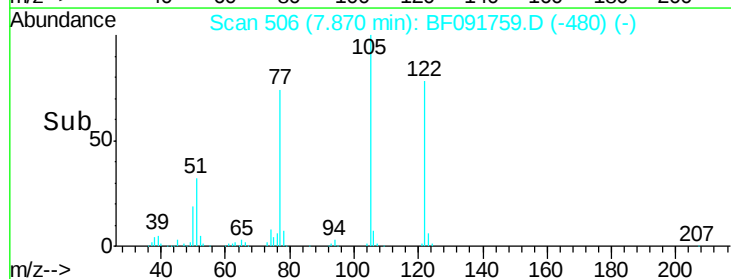
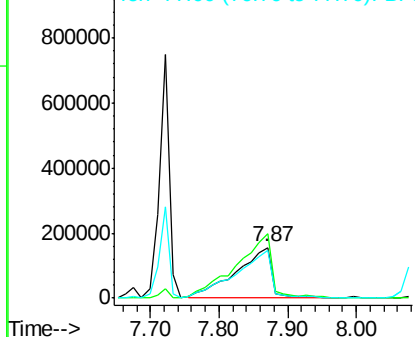


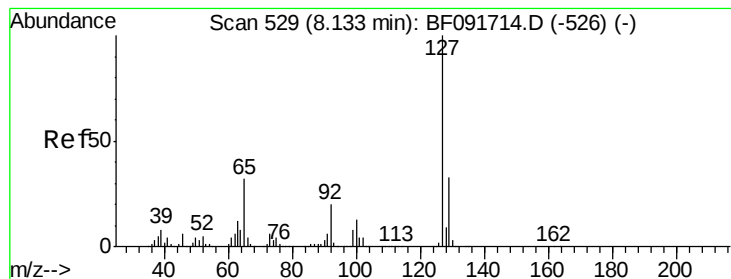
#32
Benzoic acid
Concen: 40.87 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion:122 Resp: 544198
Ion Ratio Lower Upper
122 100
105 128.6 107.2 147.2
77 95.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 43.04 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 1104333

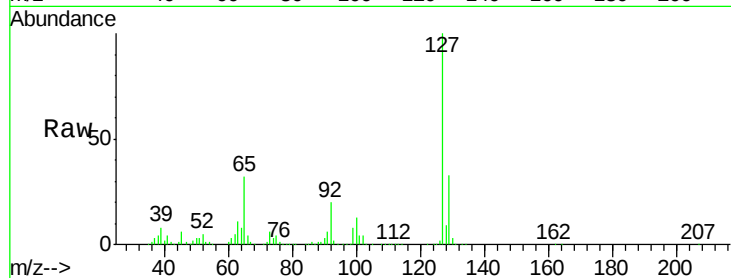
Ion Ratio Lower Upper

127 100

129 33.2 26.3 39.5

65 31.7 25.8 38.8

92 19.9 16.1 24.1

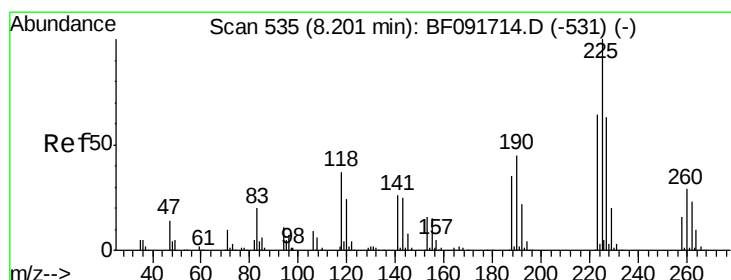
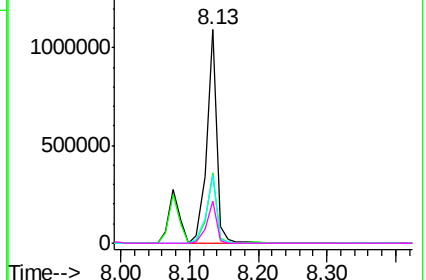
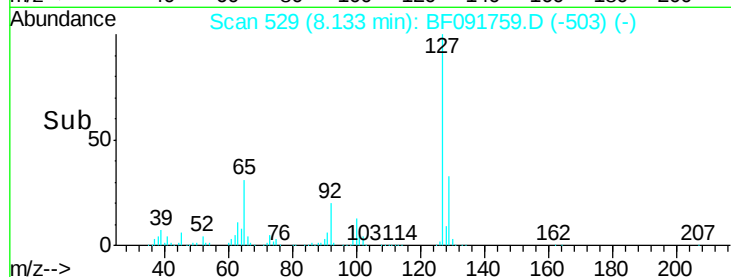


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.70 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

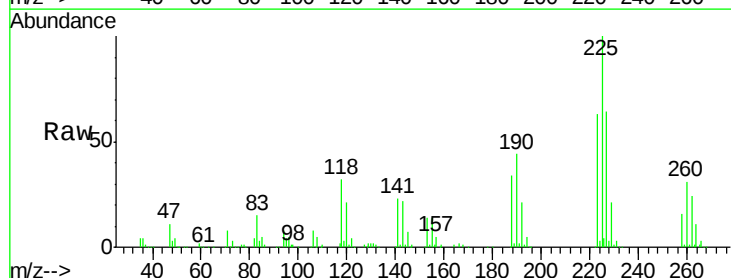
Tgt Ion:225 Resp: 448284

Ion Ratio Lower Upper

225 100

223 63.4 51.0 76.6

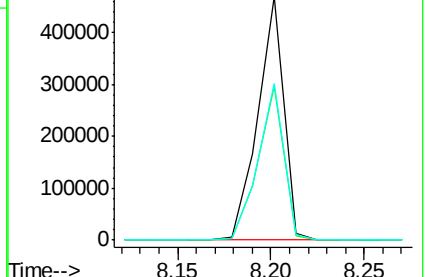
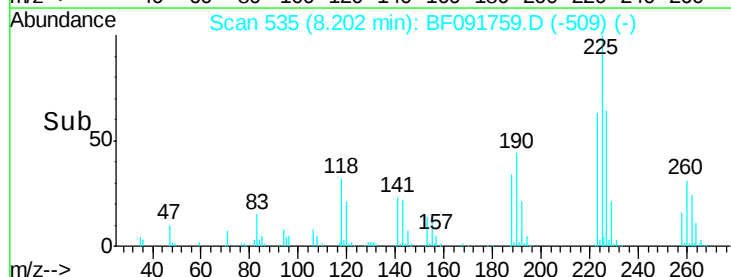
227 64.4 50.6 76.0

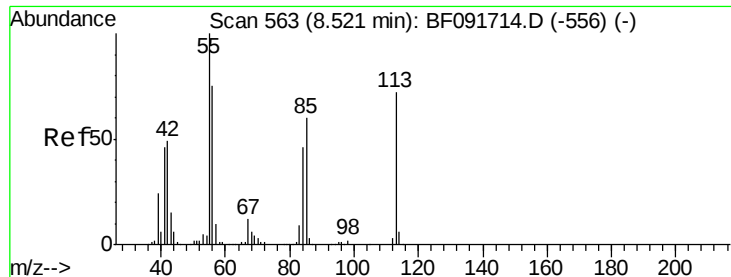


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.55 ng

RT: 8.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

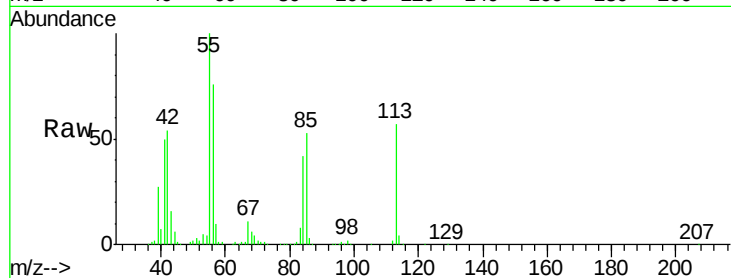
Tot Ion:113 Resp: 235900

Ion Ratio Lower Upper

113 100

55 175.5 119.2 159.2#

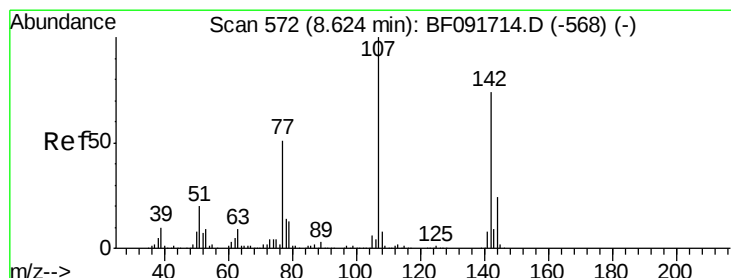
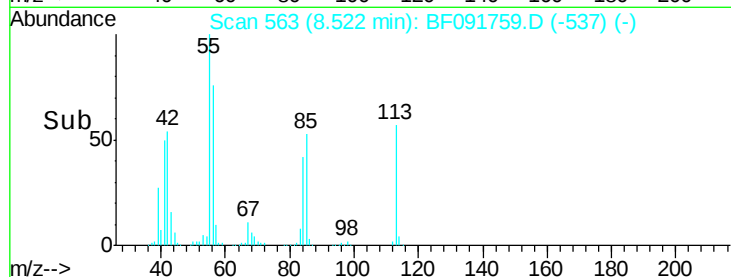
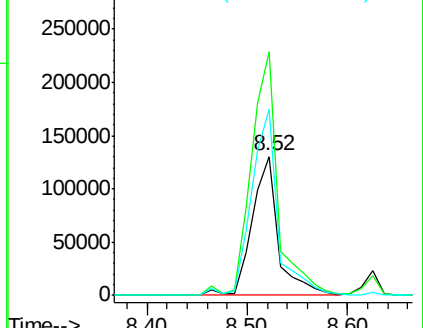
56 133.8 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.19 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

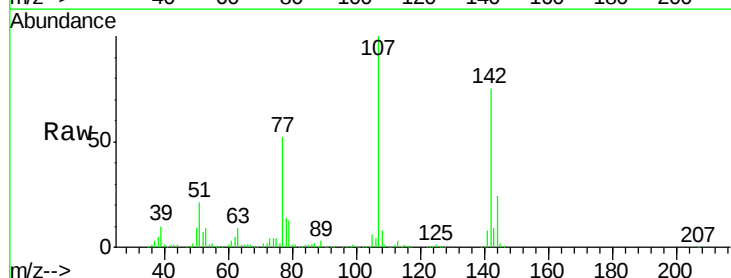
Tgt Ion:107 Resp: 802033

Ion Ratio Lower Upper

107 100

144 24.3 19.3 28.9

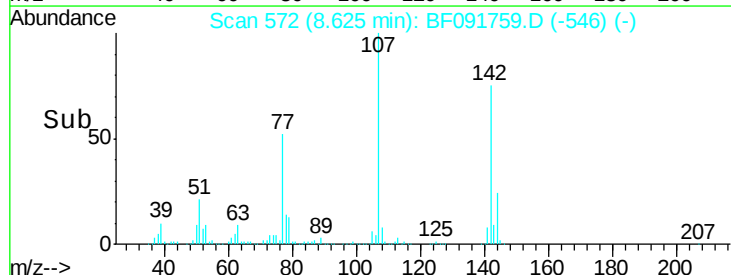
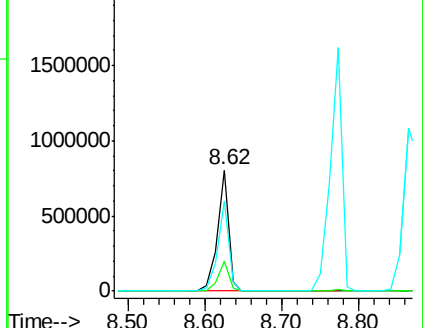
142 74.8 59.0 88.6

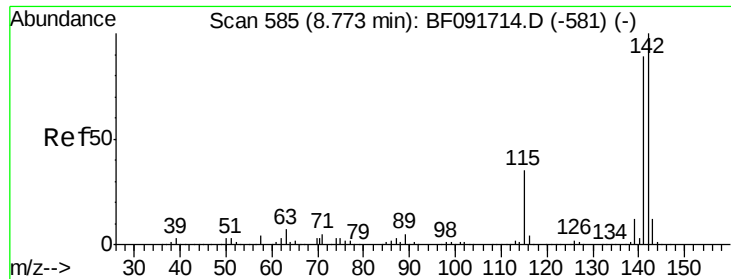


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

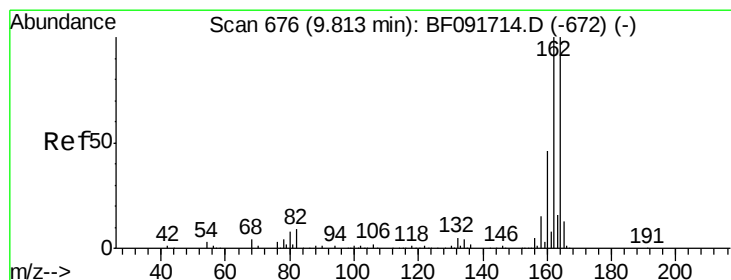
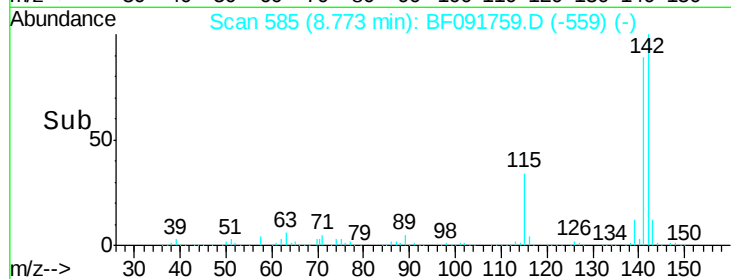
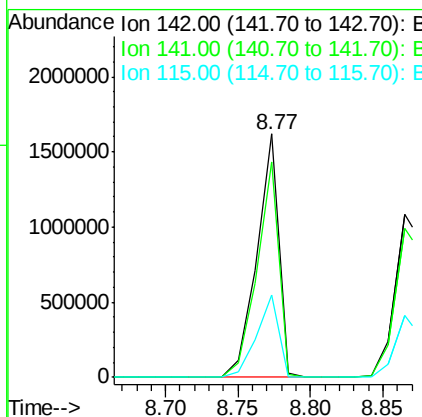
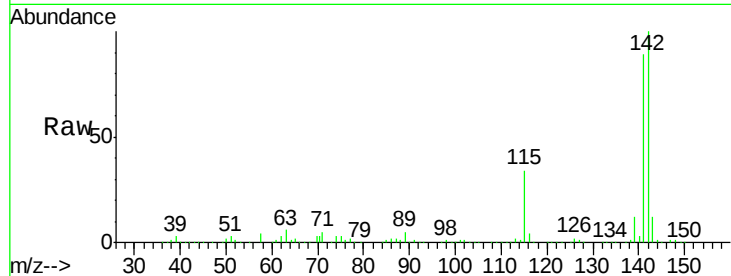




#37
2-Methylnaphthalene
Concen: 44.17 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

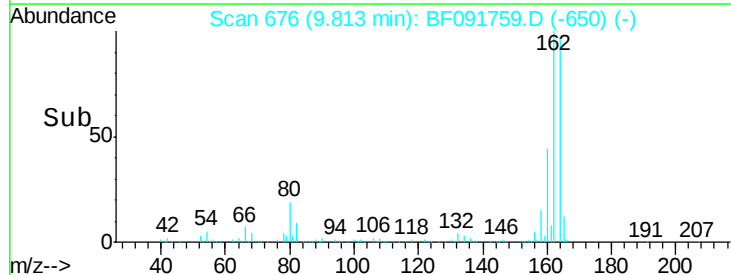
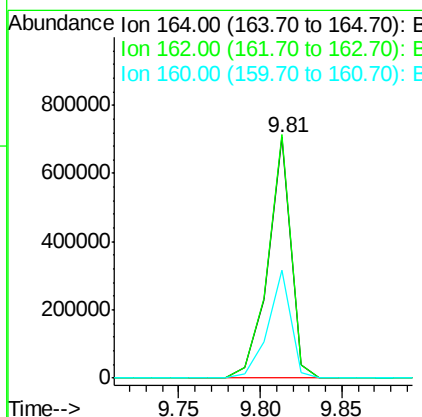
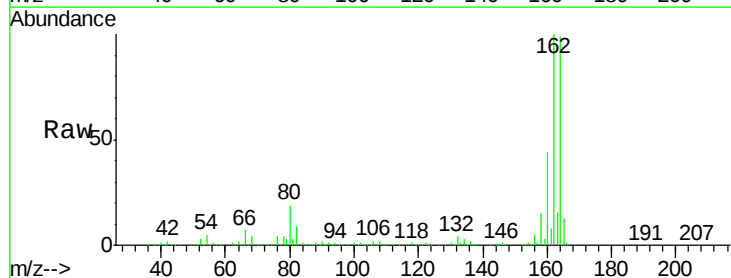
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

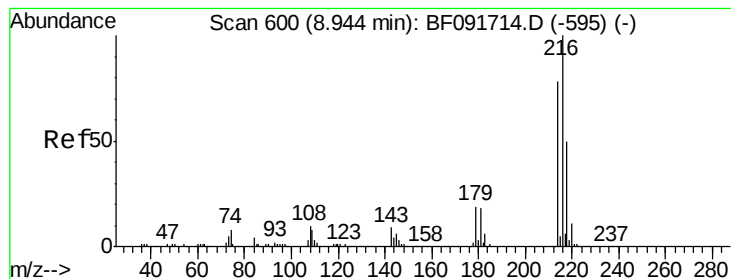
Tot Ion:142 Resp: 1695997
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 34.0 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion:164 Resp: 689419
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 44.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.18 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 690442

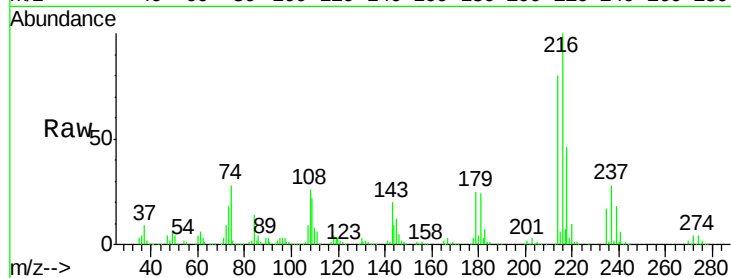
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.0

179 22.0 17.4 26.2

108 19.9 15.6 23.4

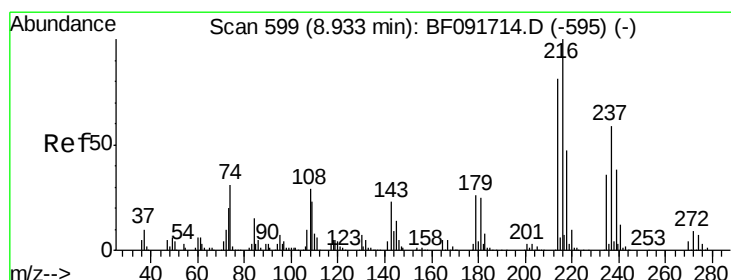
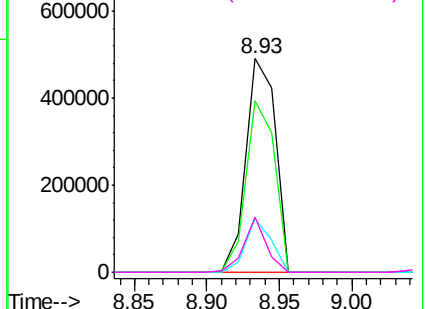
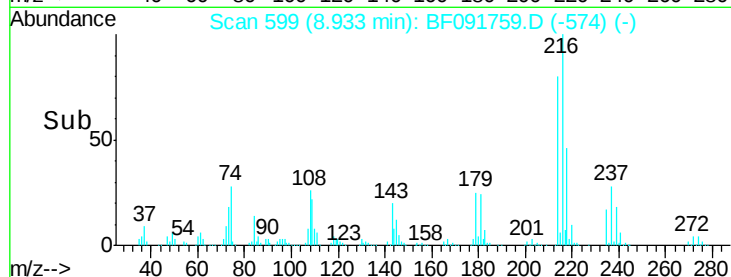


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.70 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

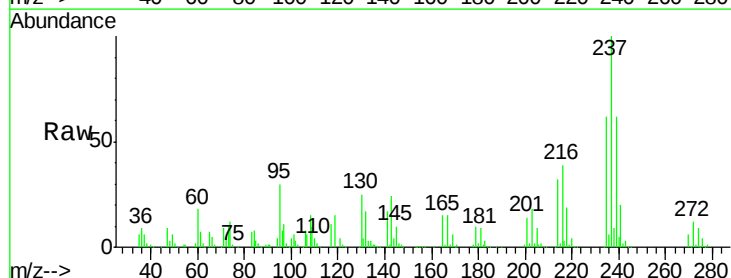
Tgt Ion:237 Resp: 267267

Ion Ratio Lower Upper

237 100

235 62.5 41.2 81.2

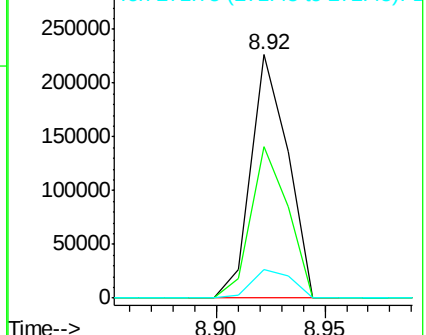
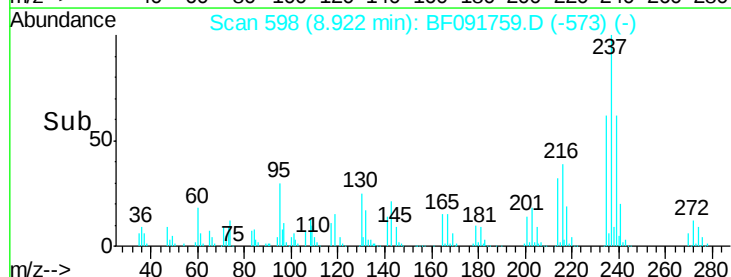
272 11.9 0.0 35.4

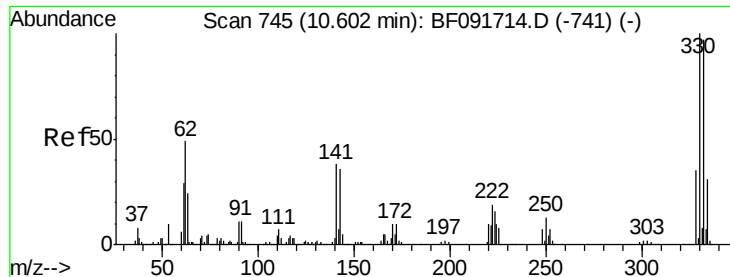


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

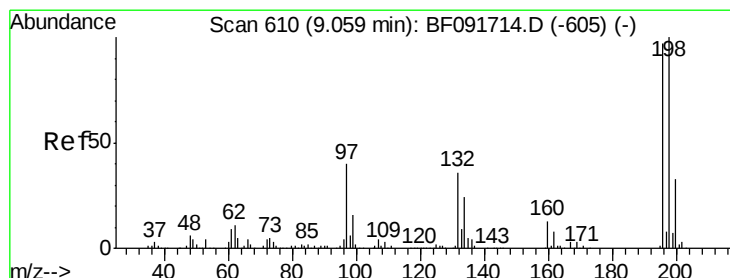
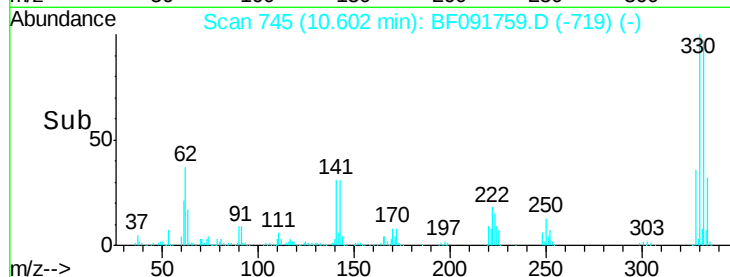
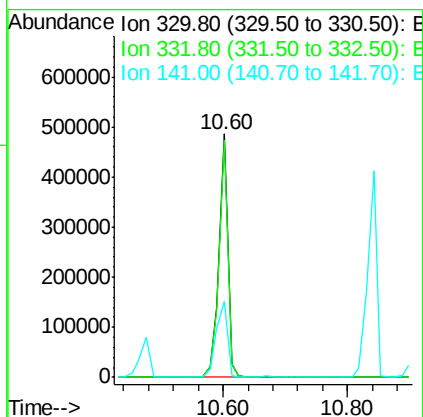
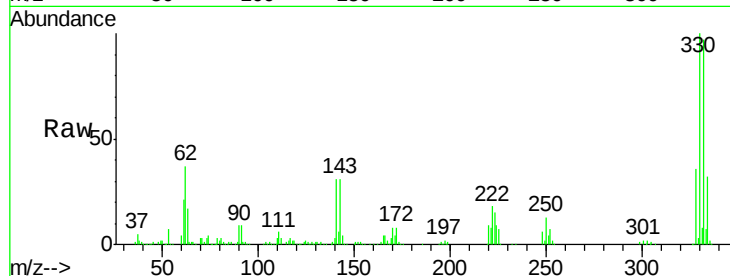




#41
 2,4,6-Tribromophenol
 Concen: 80.22 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

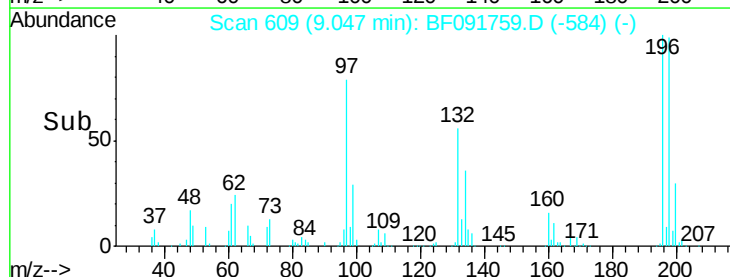
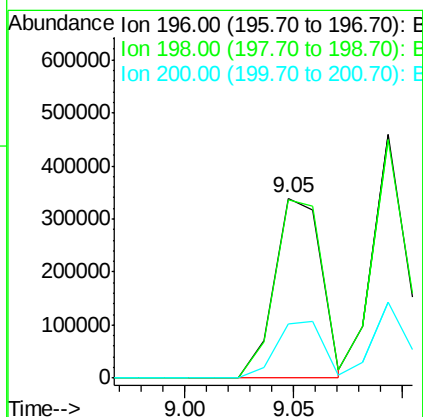
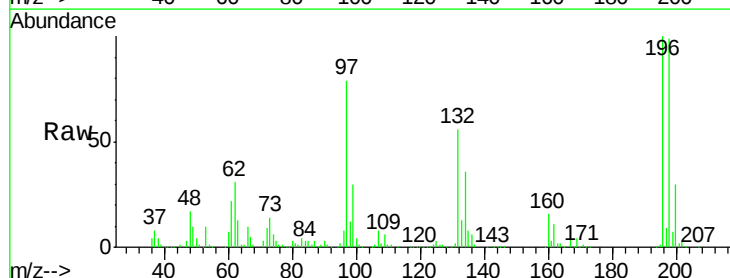
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

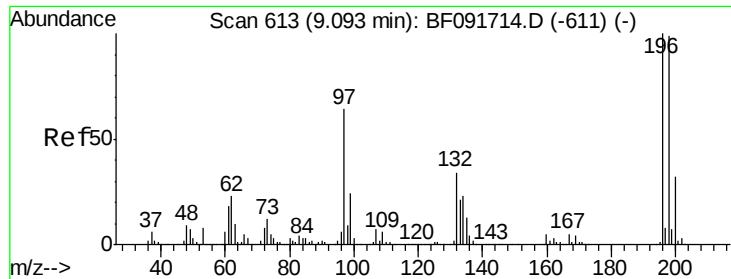
Tot Ion:330 Resp: 468982
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 39.7 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 41.55 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Tgt Ion:196 Resp: 510196
 Ion Ratio Lower Upper
 196 100
 198 99.2 82.1 123.1
 200 30.4 27.0 40.4

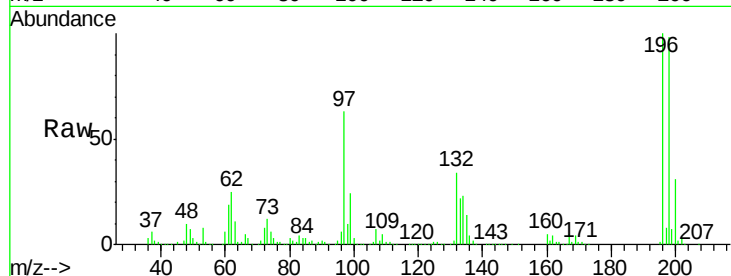




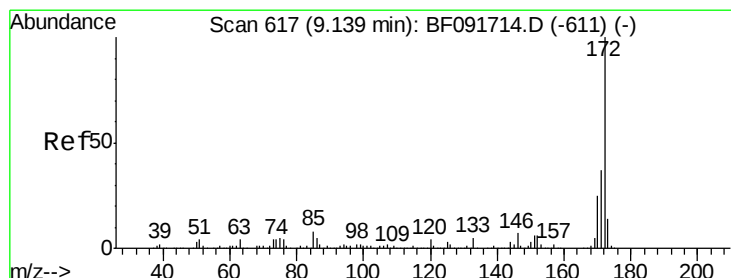
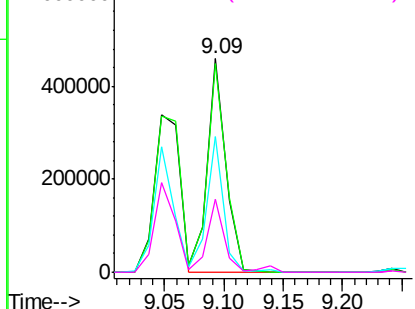
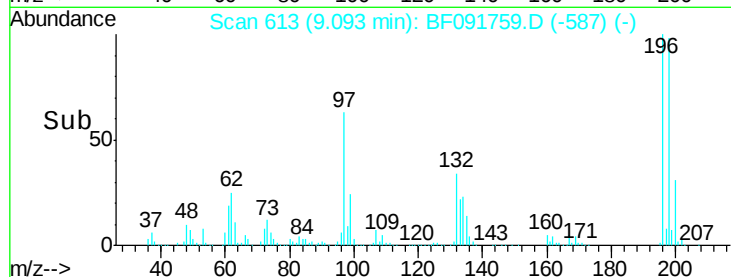
#43
 2,4,5-Trichlorophenol
 Concen: 40.83 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	79.4	119.2
97	63.4	51.5	77.3
132	33.9	27.4	41.2

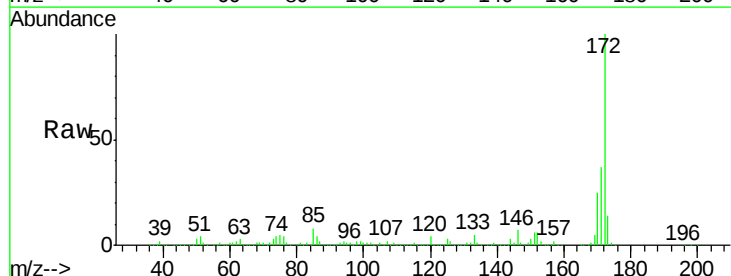


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

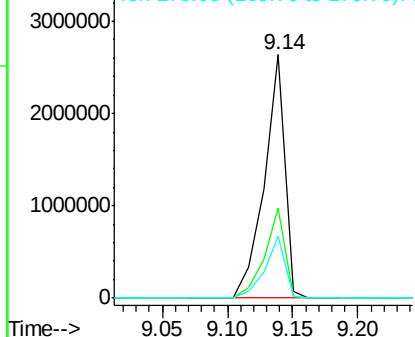
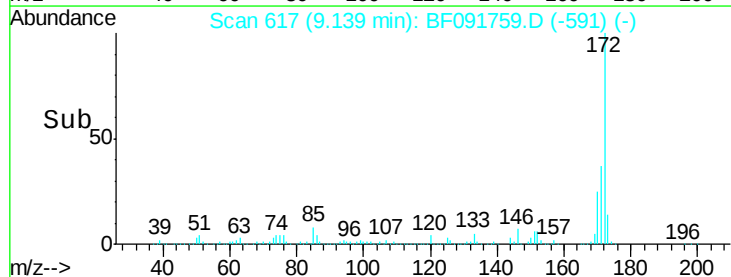


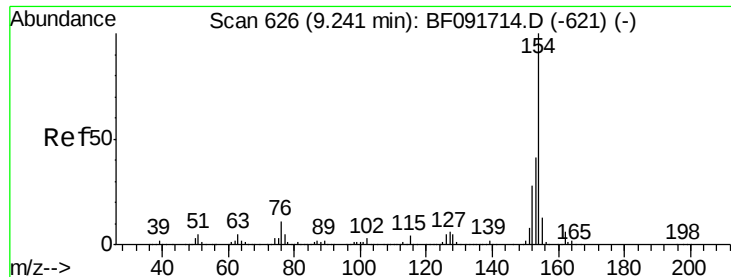
#44
 2-Fluorobiphenyl
 Concen: 84.82 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	25.3	20.2	30.4



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





#45

1,1'-Biphenyl

Concen: 42.64 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

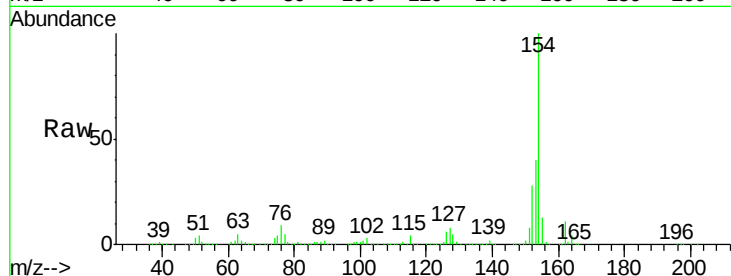
Tot Ion:154 Resp: 2107178

Ion Ratio Lower Upper

154 100

153 40.3 20.9 60.9

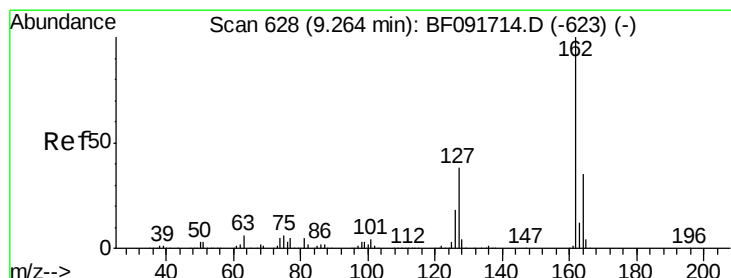
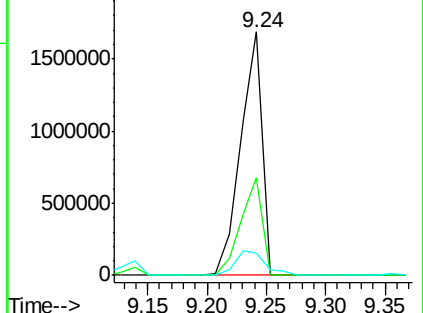
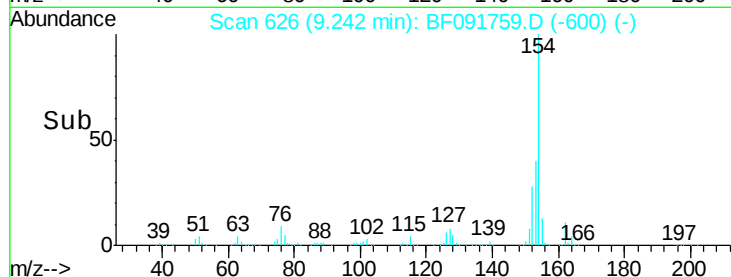
76 9.2 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.22 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

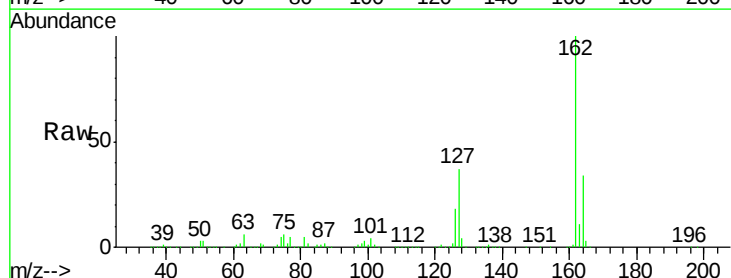
Tgt Ion:162 Resp: 1596009

Ion Ratio Lower Upper

162 100

127 36.8 30.7 46.1

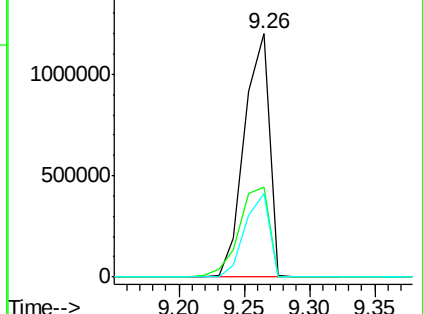
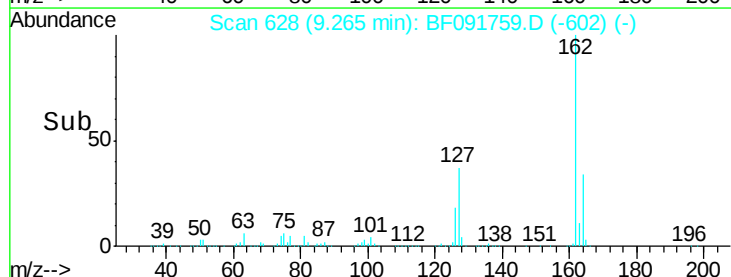
164 34.3 27.6 41.4

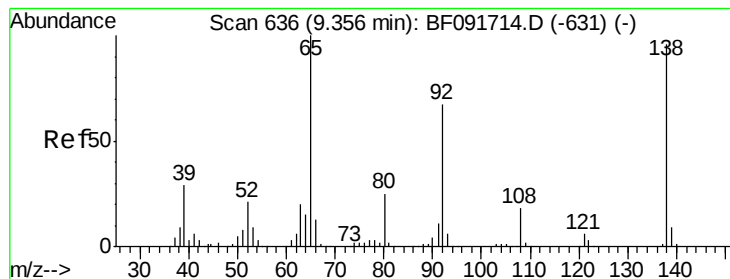


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.82 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

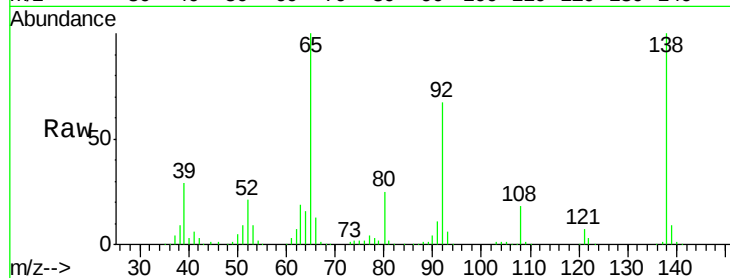
Tot Ion: 65 Resp: 502059

Ion Ratio Lower Upper

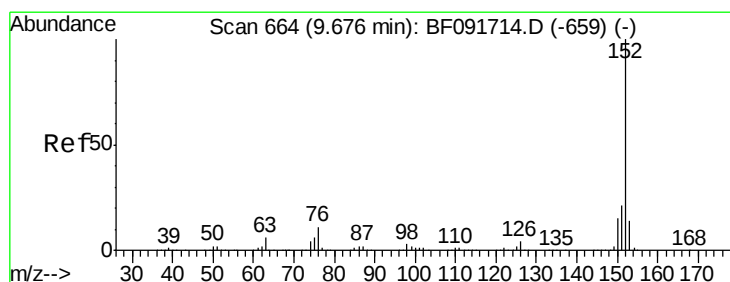
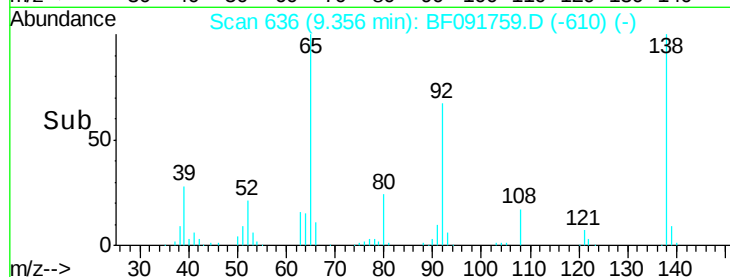
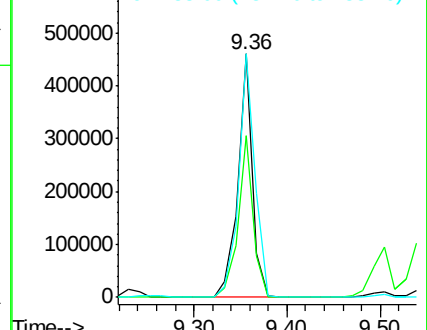
65 100

92 66.5 53.9 80.9

138 100.0 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 42.72 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

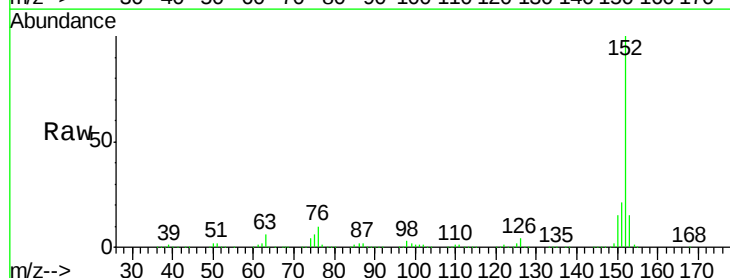
Tgt Ion: 152 Resp: 2444005

Ion Ratio Lower Upper

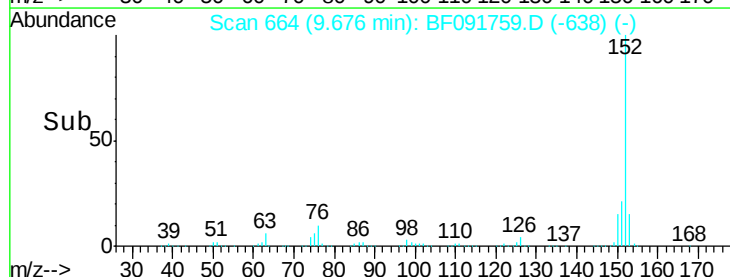
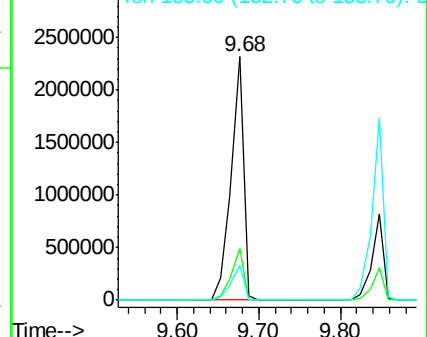
152 100

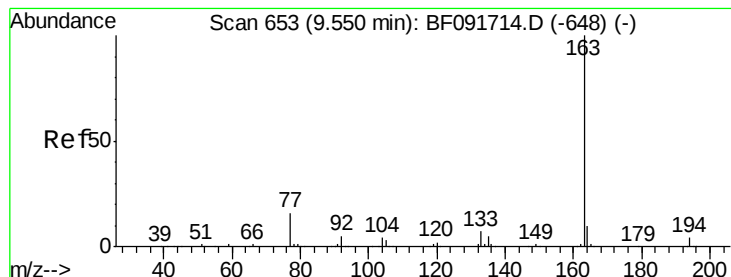
151 21.1 16.9 25.3

153 14.5 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.97 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

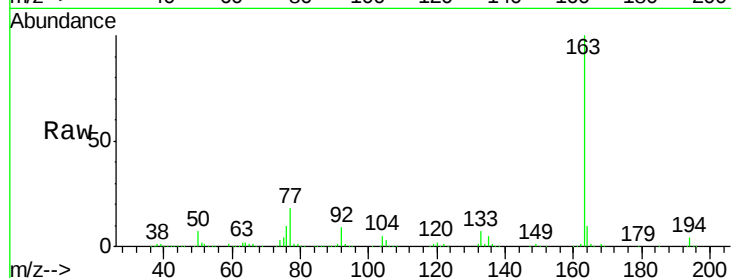
Tot Ion:163 Resp: 1979886

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

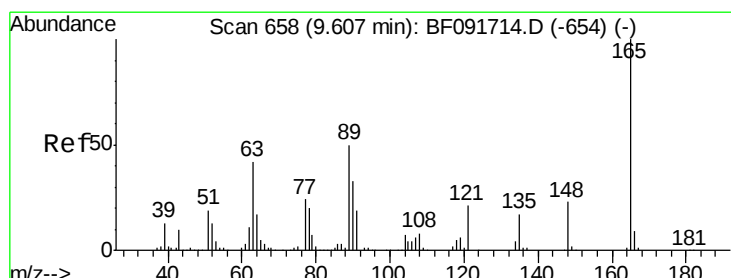
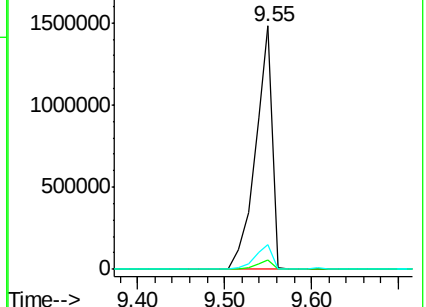
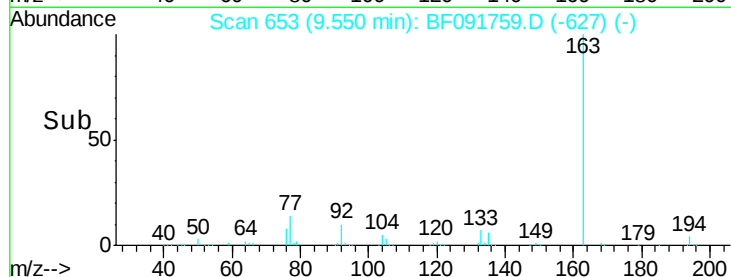
164 10.1 8.0 12.0



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: 45.93 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

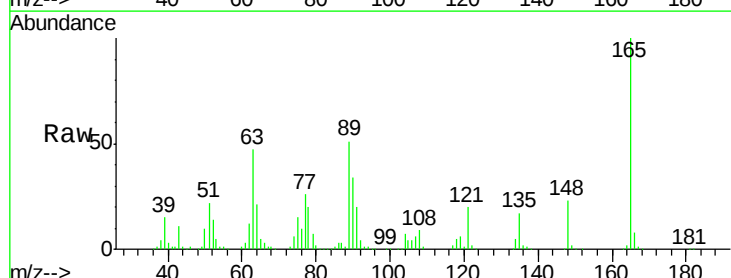
Tgt Ion:165 Resp: 453509

Ion Ratio Lower Upper

165 100

63 47.1 36.2 54.4

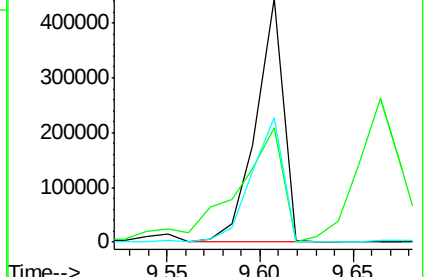
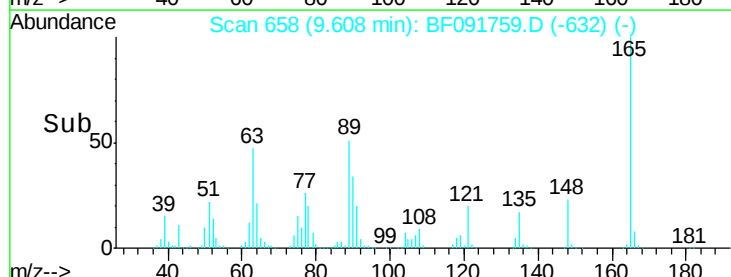
89 51.4 40.2 60.4

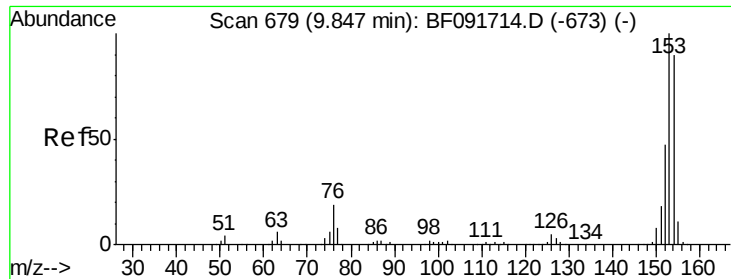


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.85 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

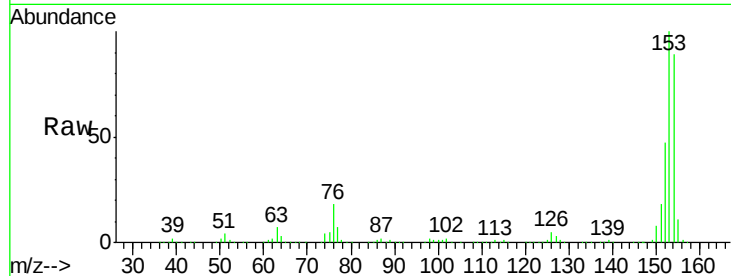
Tot Ion:154 Resp: 1643460

Ion Ratio Lower Upper

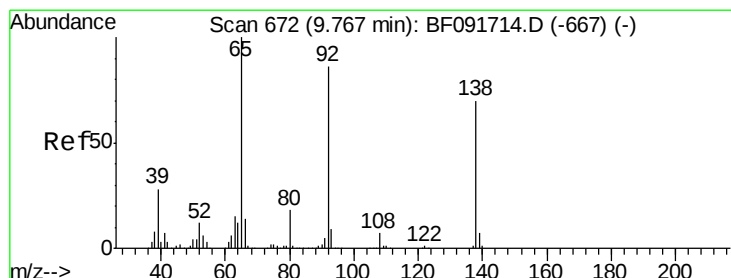
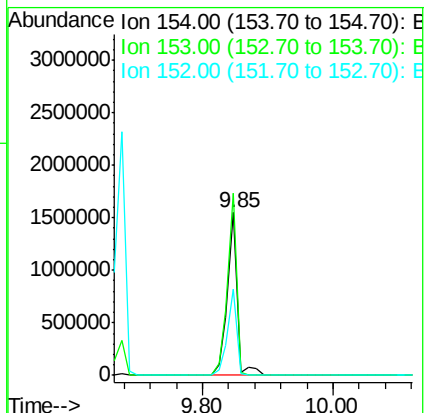
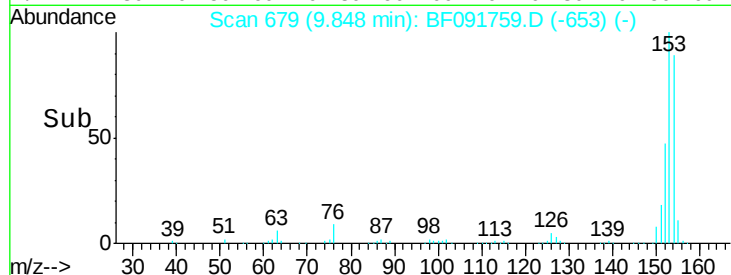
154 100

153 112.2 88.6 133.0

152 52.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.68 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.01 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

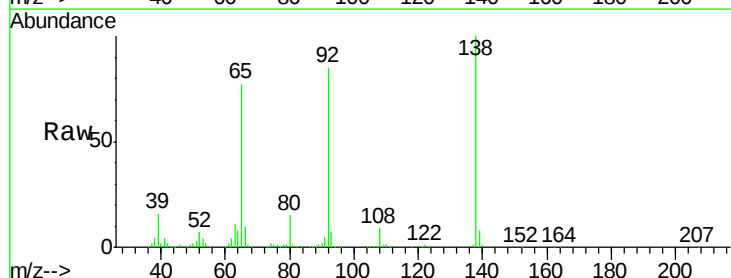
Tgt Ion:138 Resp: 536924

Ion Ratio Lower Upper

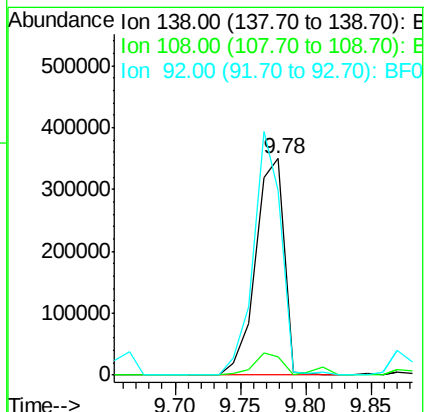
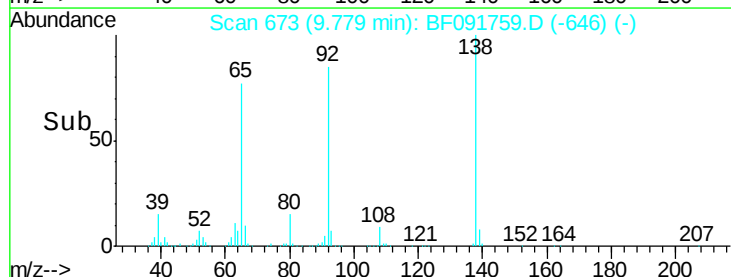
138 100

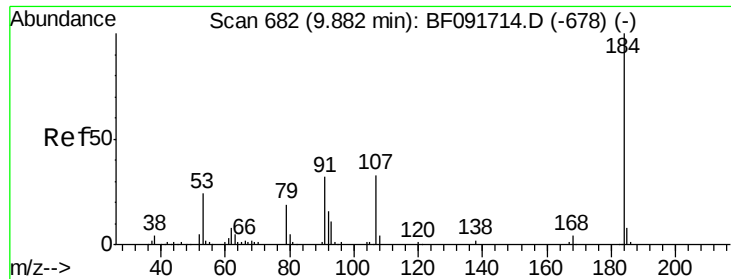
108 8.6 8.5 12.7

92 85.1 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

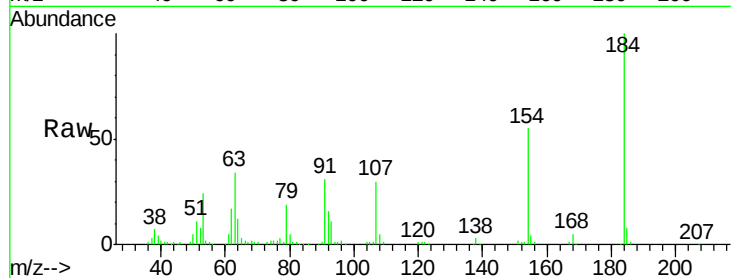




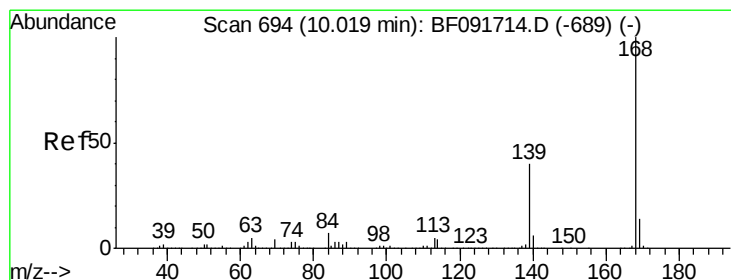
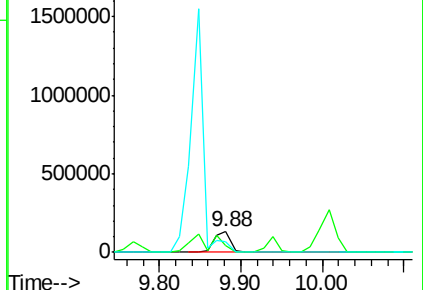
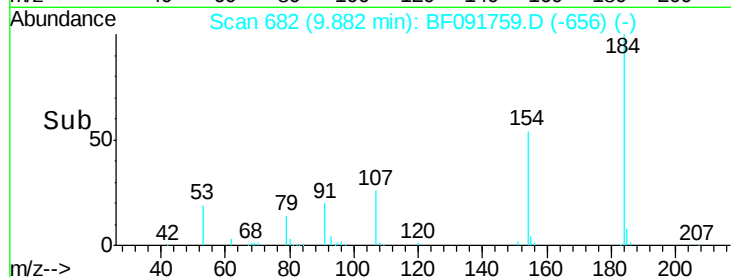
#53
2,4-Dinitrophenol
Concen: 35.32 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 188423
Ion Ratio Lower Upper
184 100
63 34.4 28.4 42.6
154 54.6 44.3 66.5

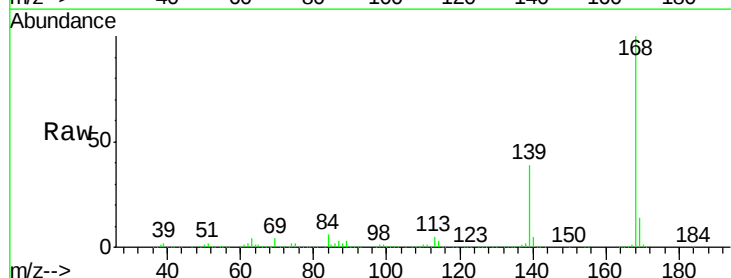


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

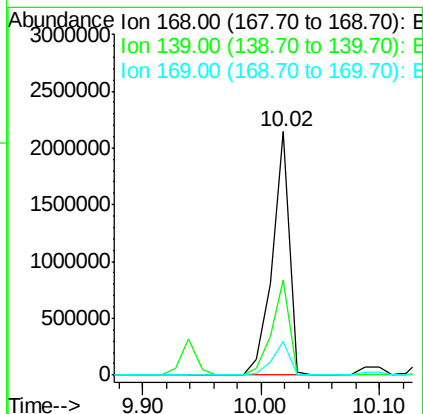
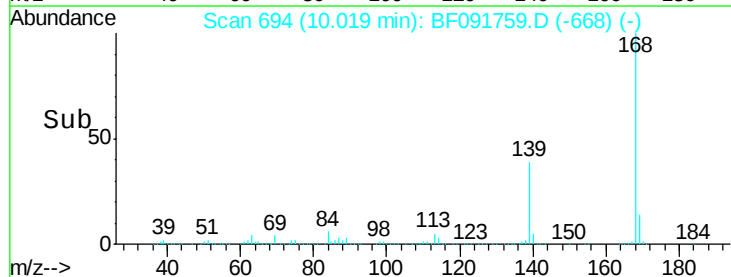


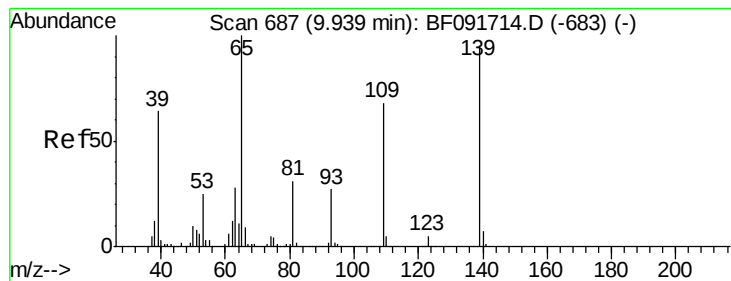
#54
Dibenzofuran
Concen: 45.86 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion:168 Resp: 2141245
Ion Ratio Lower Upper
168 100
139 39.3 32.6 49.0
169 13.8 11.3 16.9



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





#55

4-Nitrophenol

Concen: 36.65 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

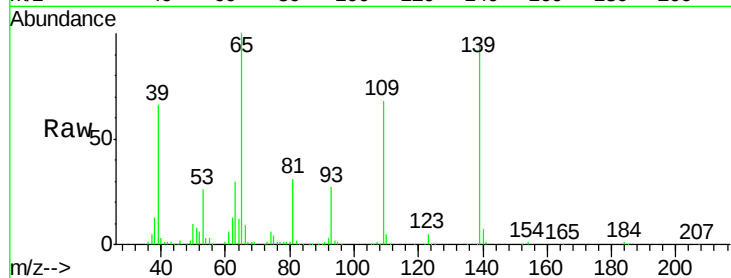
Tot Ion:139 Resp: 312889

Ion Ratio Lower Upper

139 100

109 71.2 52.2 92.2

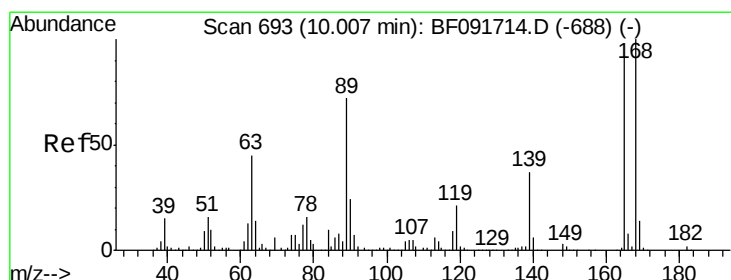
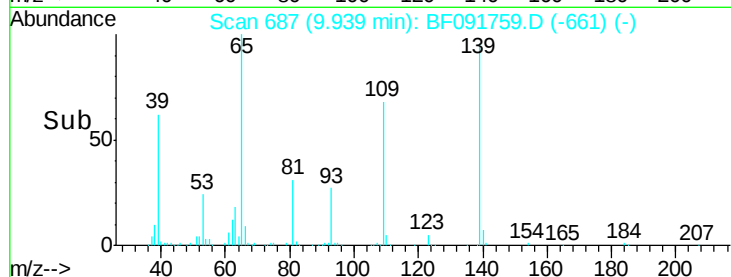
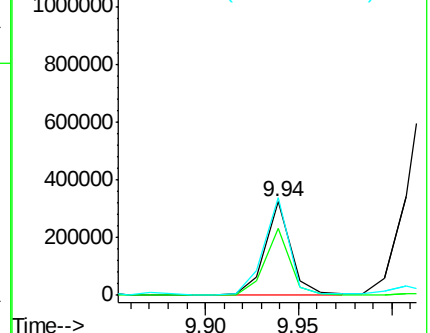
65 104.7 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 44.28 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Tgt Ion:165 Resp: 546130

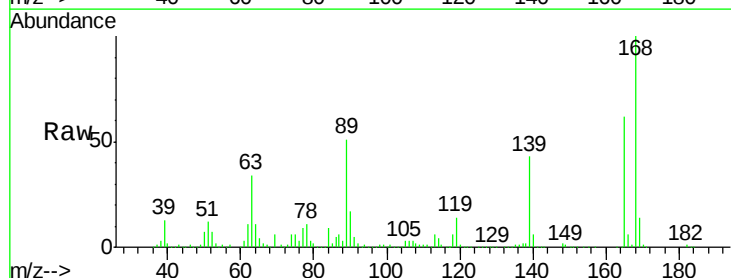
Ion Ratio Lower Upper

165 100

63 54.3 40.2 60.4

89 81.8 62.5 93.7

182 2.2 1.8 2.8

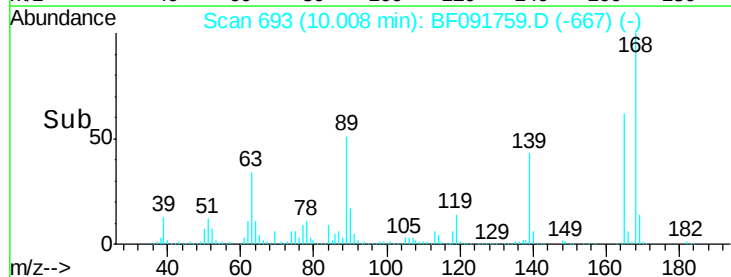
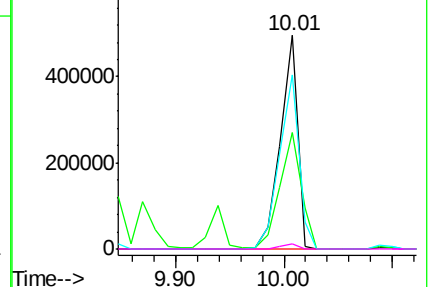


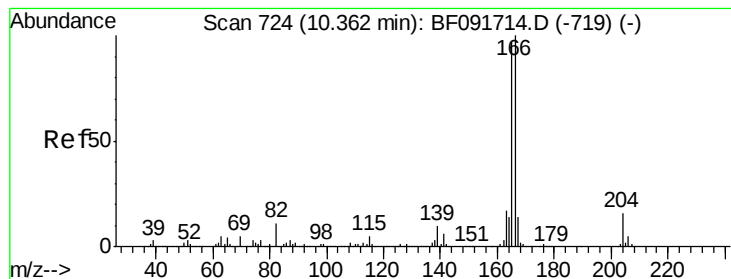
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.37 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

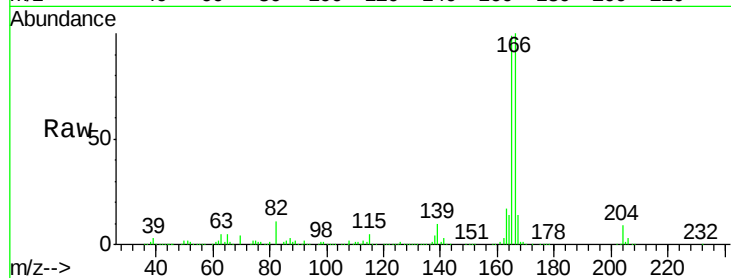
Tot Ion:166 Resp: 1681926

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

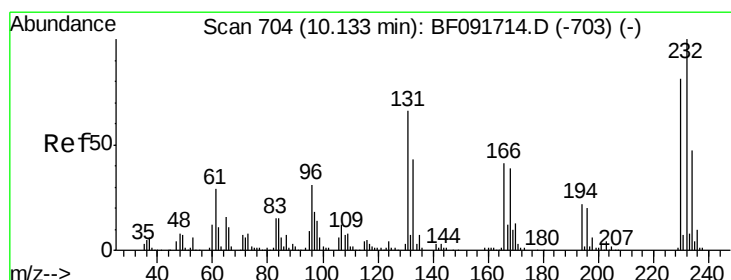
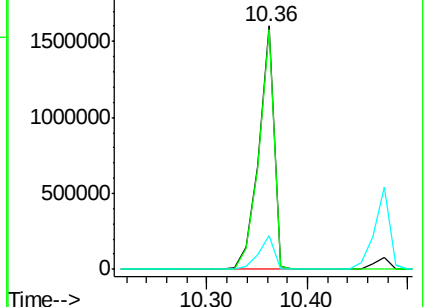
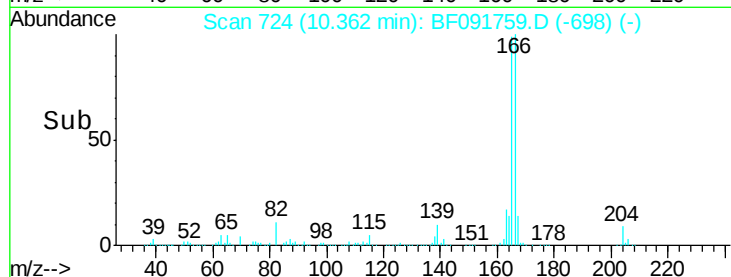
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.37 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Tgt Ion:232 Resp: 392613

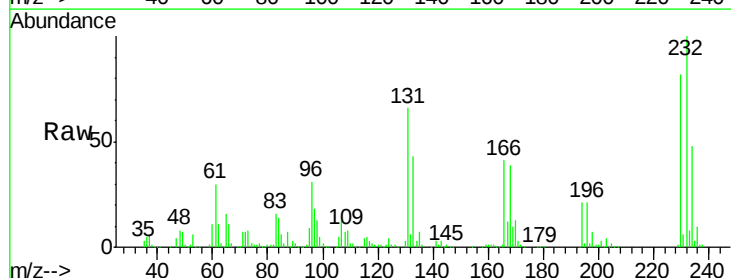
Ion Ratio Lower Upper

232 100

131 50.5 40.1 60.1

130 2.5 1.8 2.8

166 33.1 26.6 39.8

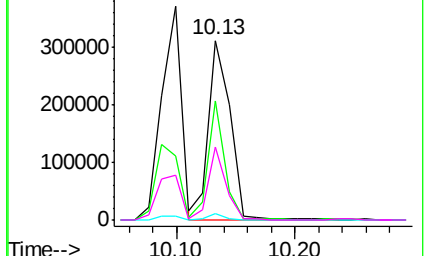
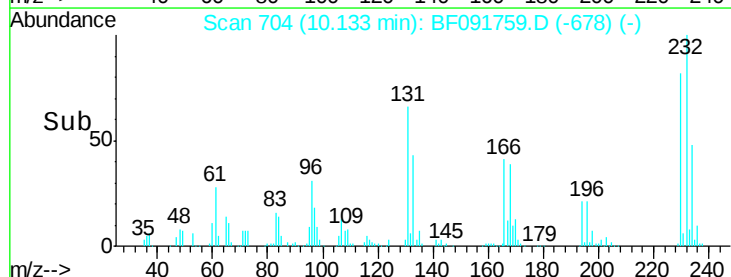


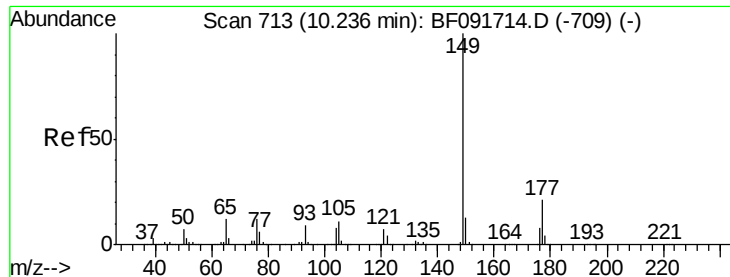
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

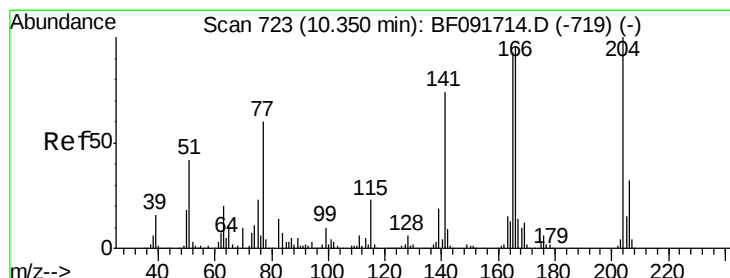
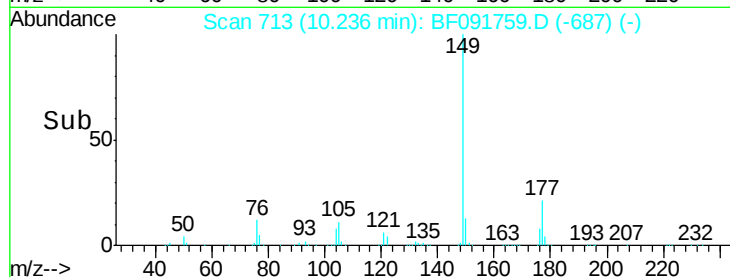
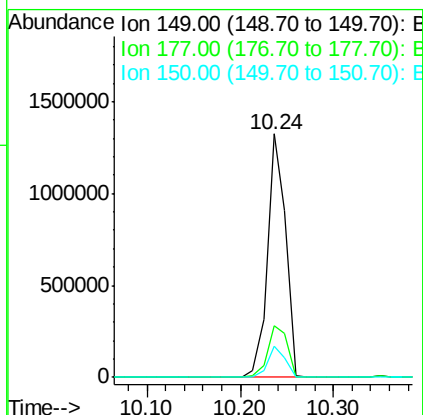
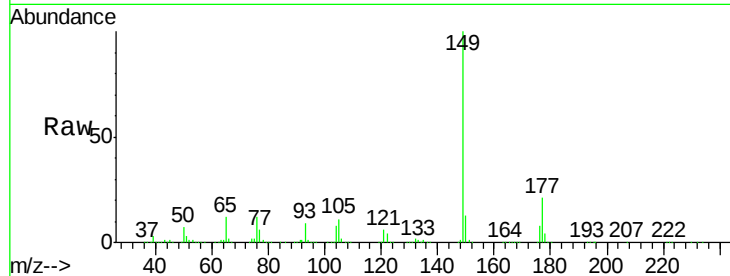




#59
Diethylphthalate
Concen: 40.38 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

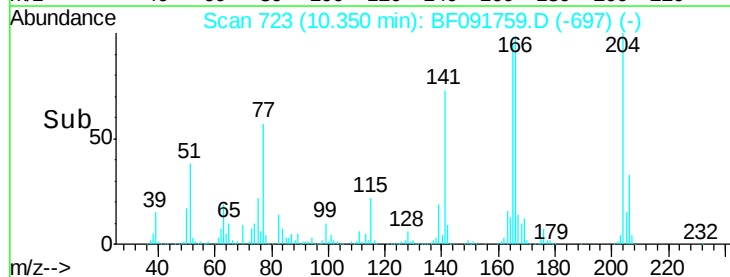
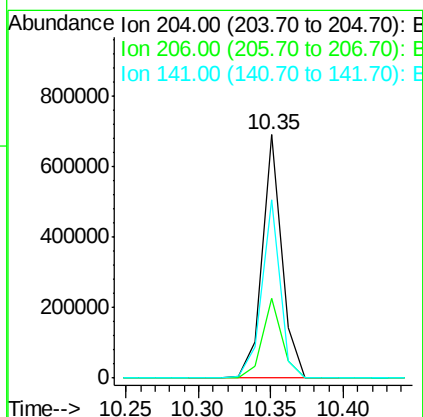
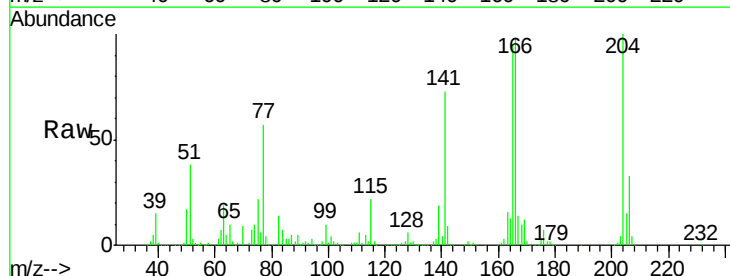
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

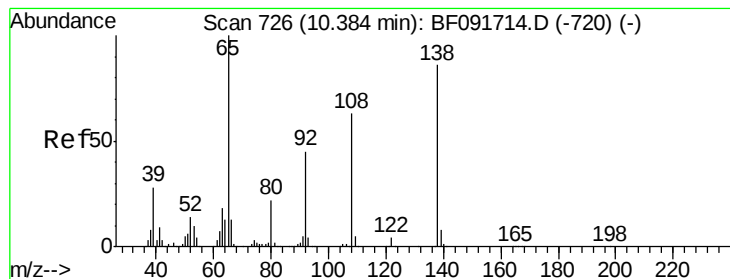
Tot Ion:149 Resp: 1787500
Ion Ratio Lower Upper
149 100
177 21.2 16.6 25.0
150 12.9 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 39.14 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion:204 Resp: 646632
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 73.1 59.4 89.0

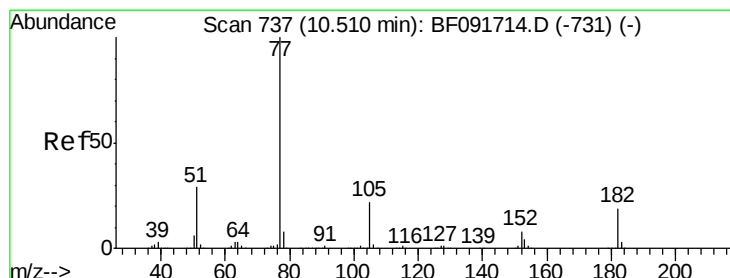
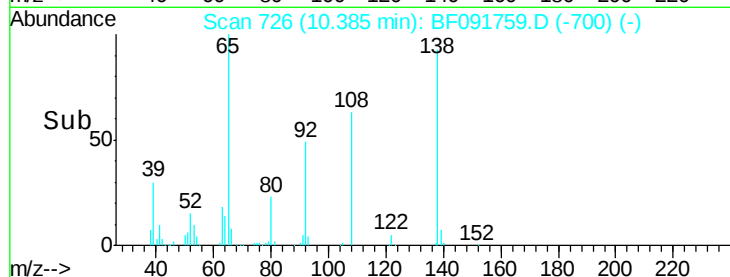
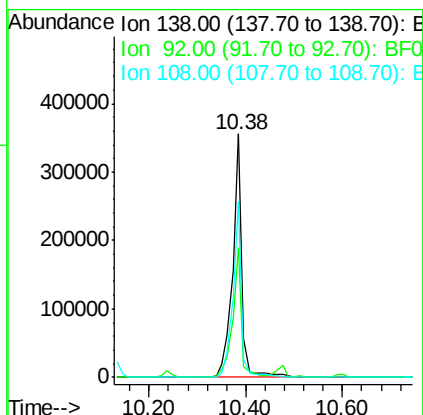
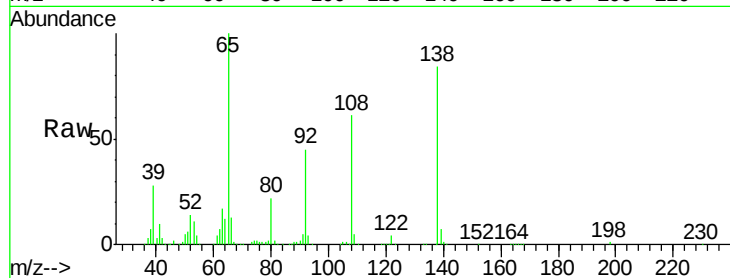




#61
4-Nitroaniline
Concen: 41.10 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

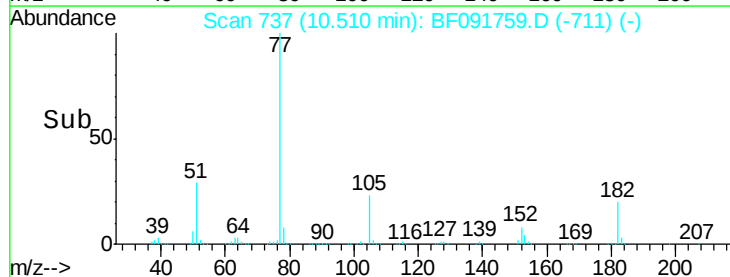
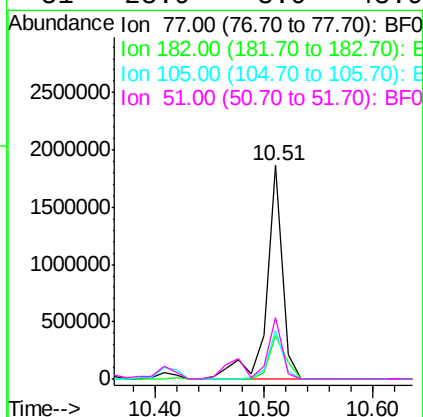
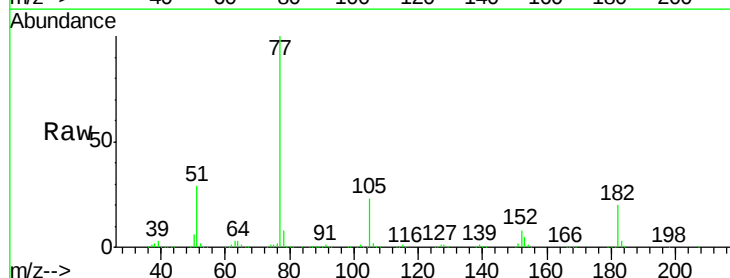
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

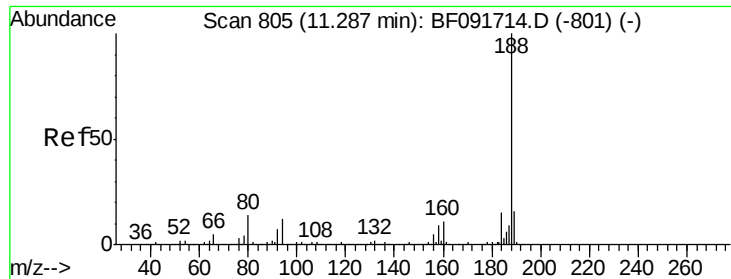
Tot Ion:138 Resp: 478673
Ion Ratio Lower Upper
138 100
92 53.2 31.7 71.7
108 72.1 52.6 92.6



#62
Azobenzene
Concen: 40.54 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion: 77 Resp: 1909546
Ion Ratio Lower Upper
77 100
182 20.2 0.0 39.3
105 23.0 2.3 42.3
51 28.9 8.9 48.9

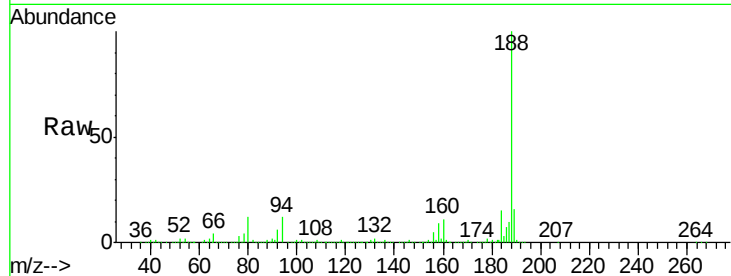




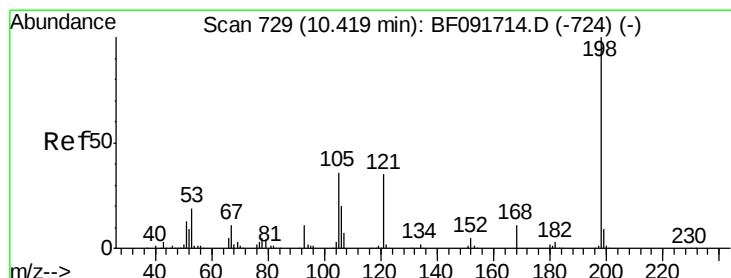
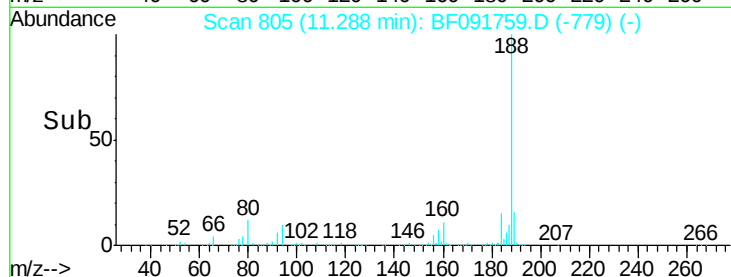
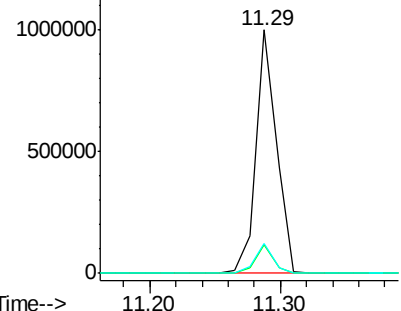
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 1099123
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 12.5 11.2 16.8

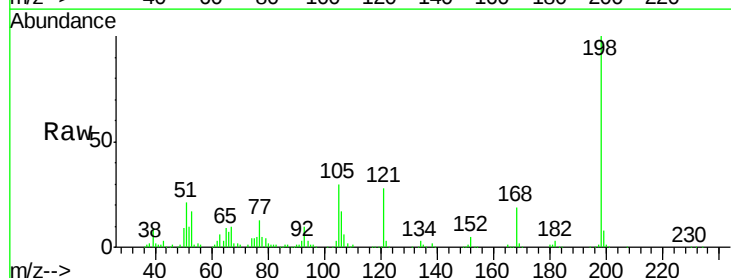


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

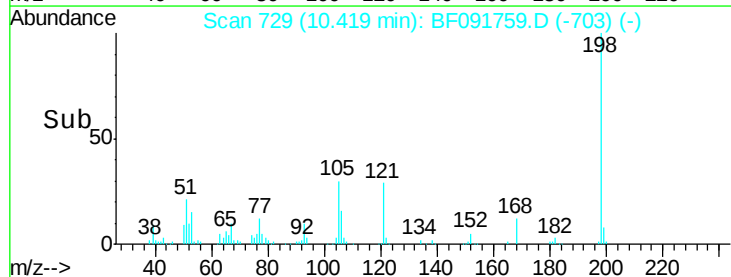
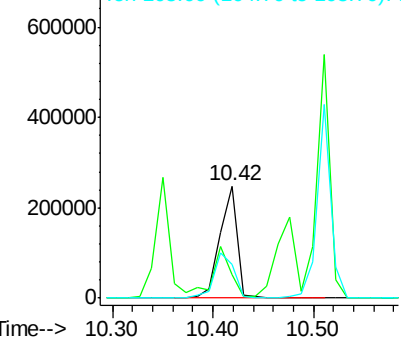


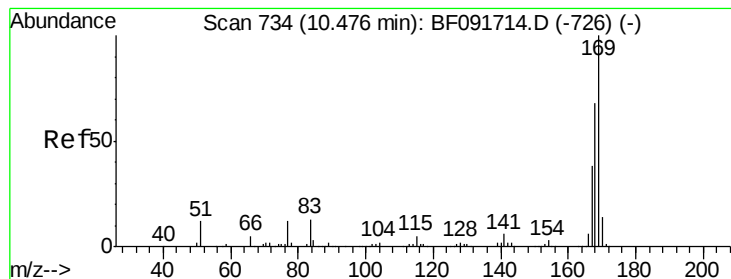
#64
4,6-Dinitro-2-methylphenol
Concen: 40.94 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion:198 Resp: 296751
Ion Ratio Lower Upper
198 100
51 21.2 6.7 46.7
105 29.9 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

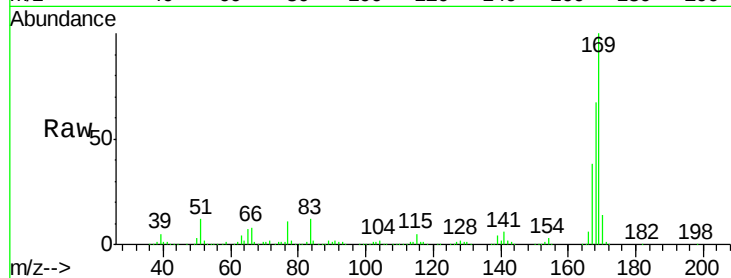




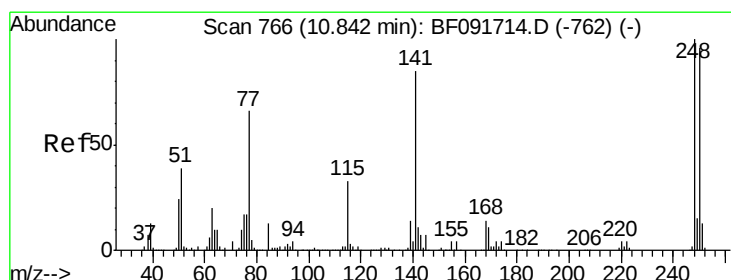
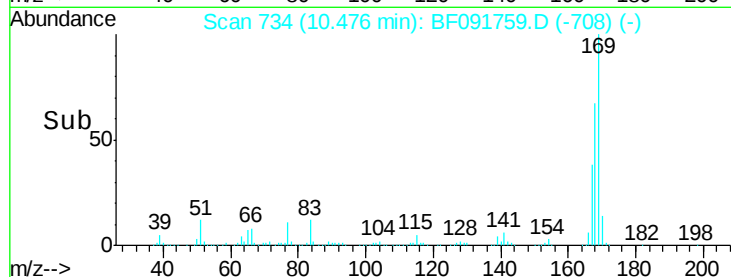
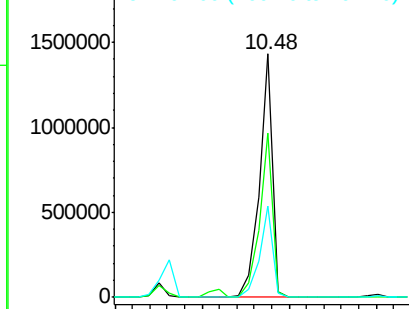
#65
n-Nitrosodiphenylamine
Concen: 44.31 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 1512417
Ion Ratio Lower Upper
169 100
168 67.3 54.2 81.2
167 37.6 30.2 45.4

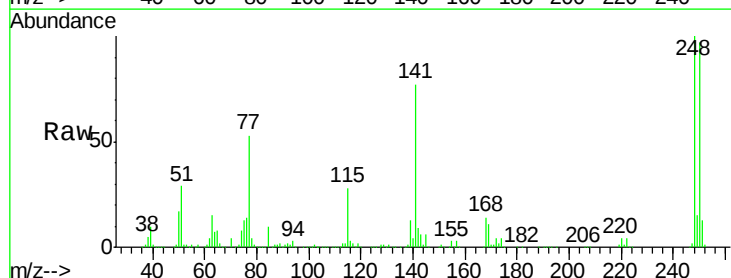


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

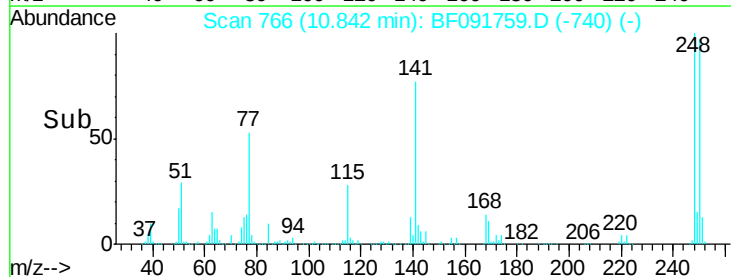
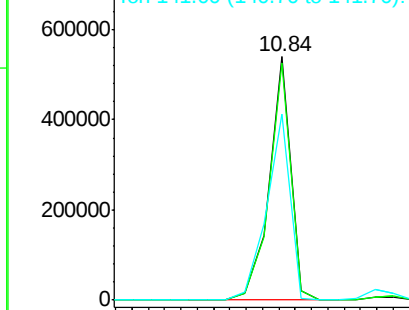


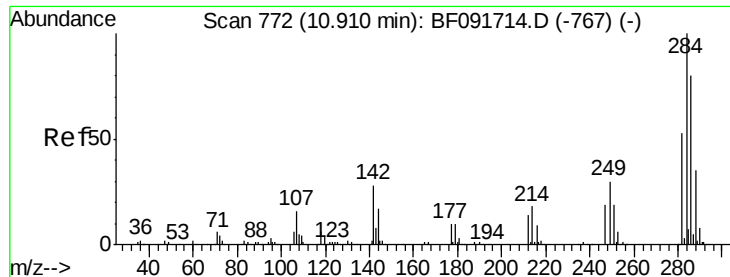
#66
4-Bromophenyl-phenylether
Concen: 42.90 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion:248 Resp: 494409
Ion Ratio Lower Upper
248 100
250 97.4 76.9 115.3
141 76.6 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

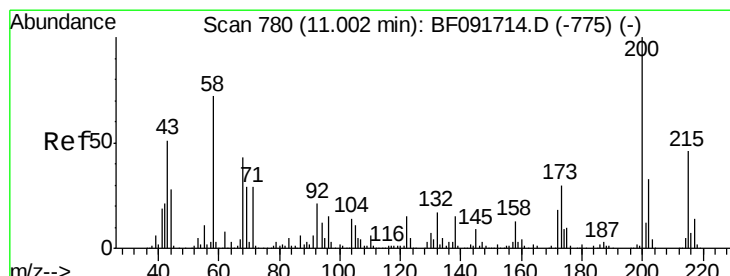
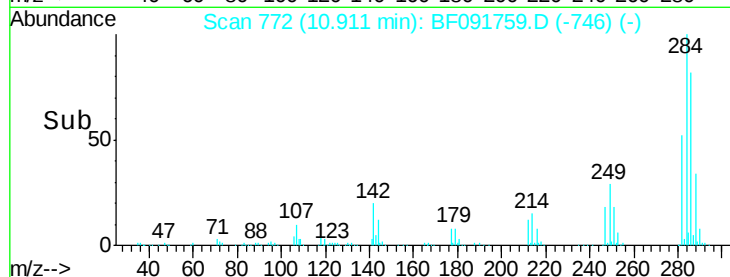
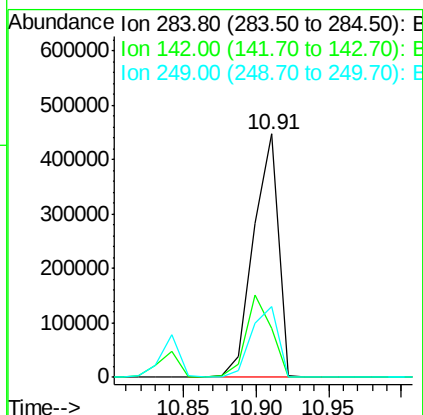
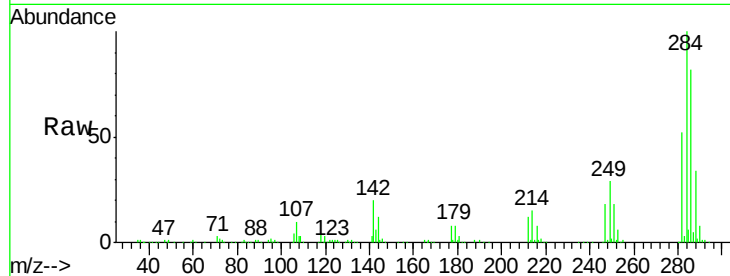




#67
Hexachlorobenzene
Concen: 43.97 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

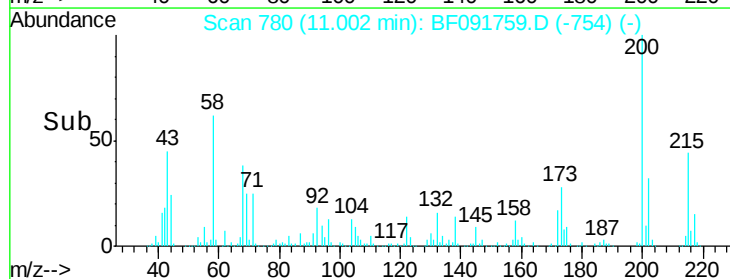
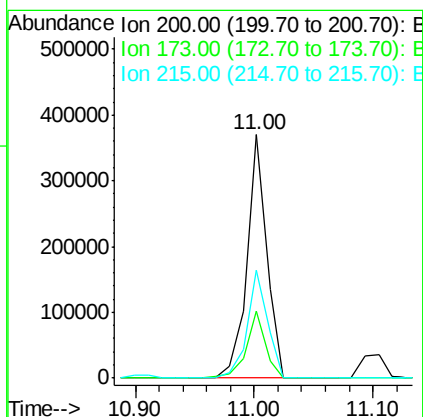
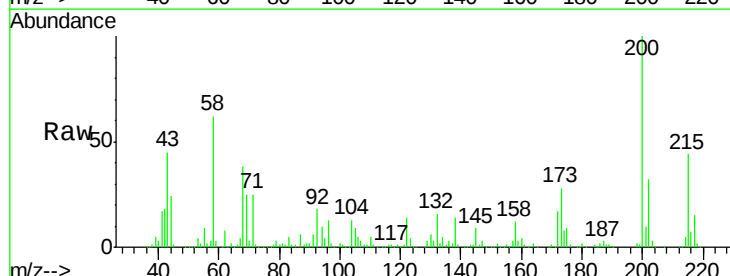
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

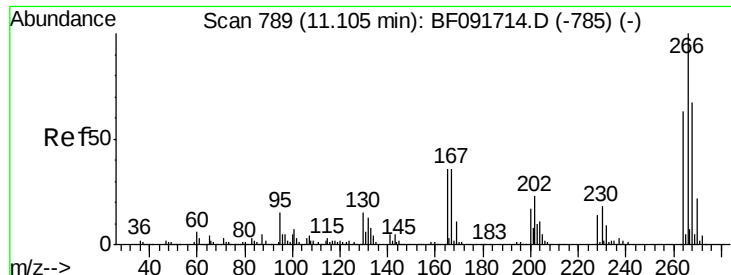
Tot Ion:284 Resp: 531092
Ion Ratio Lower Upper
284 100
142 20.1 22.6 33.8#
249 29.0 25.4 38.0



#68
Atrazine
Concen: 41.89 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion:200 Resp: 432013
Ion Ratio Lower Upper
200 100
173 27.6 9.6 49.6
215 44.5 25.7 65.7

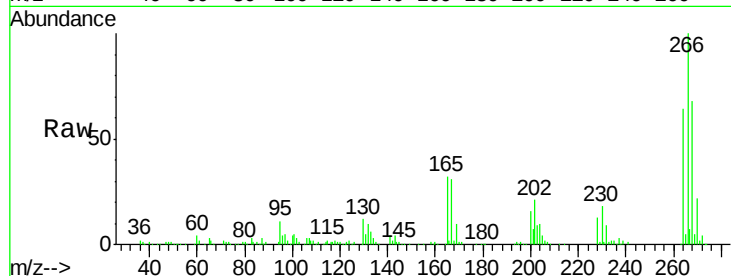




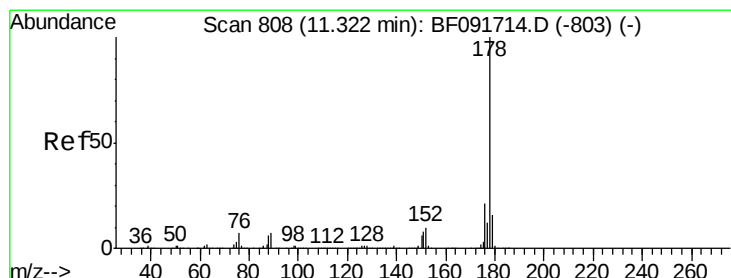
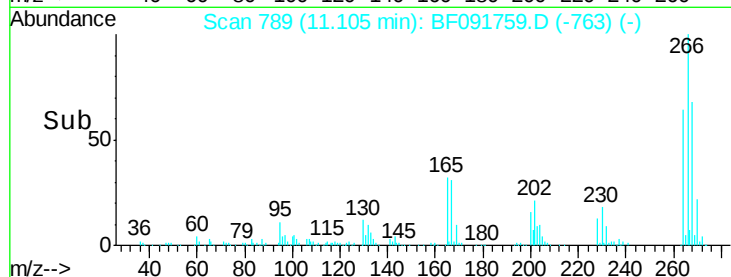
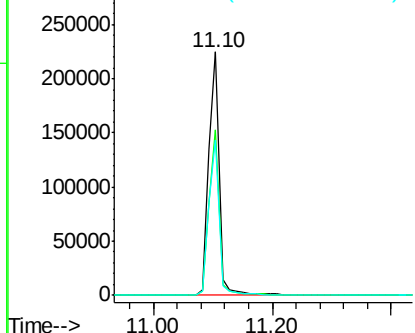
#69
 Pentachlorophenol
 Concen: 42.68 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 278142
 Ion Ratio Lower Upper
 266 100
 268 68.1 53.3 79.9
 264 63.6 50.3 75.5

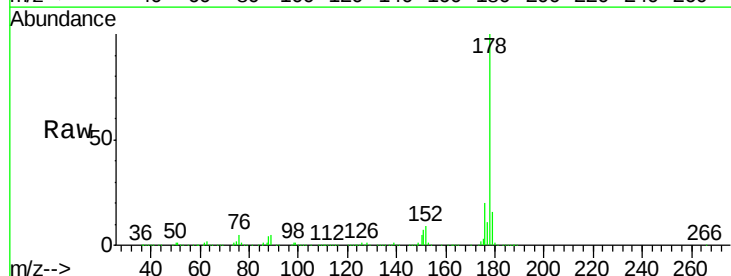


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

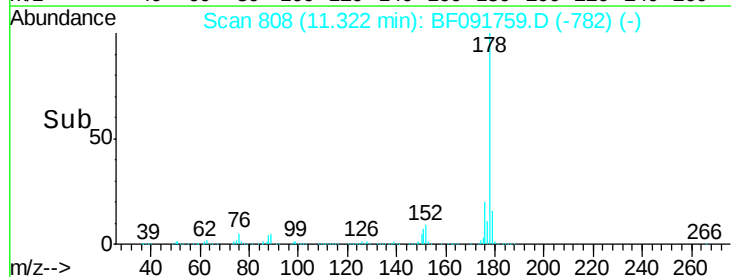
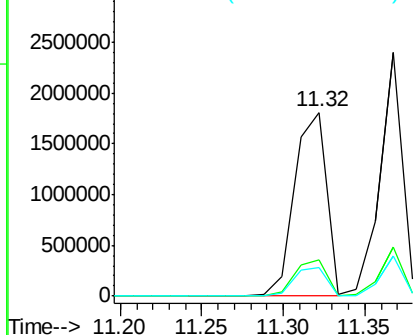


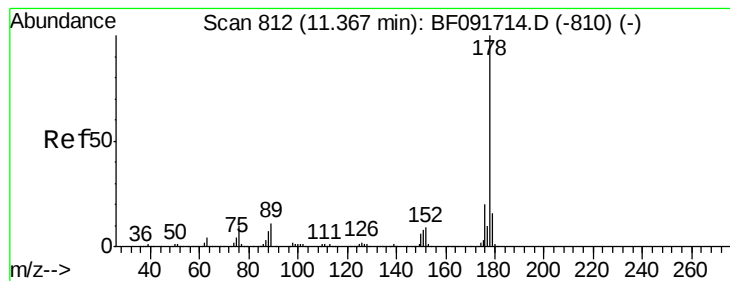
#70
 Phenanthrene
 Concen: 44.93 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Tgt Ion:178 Resp: 2467608
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.6 12.8 19.2



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





#71

Anthracene

Concen: 40.09 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

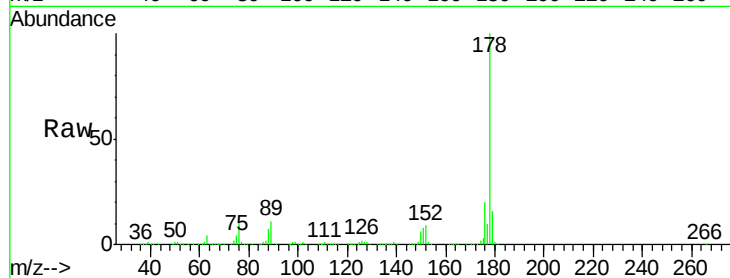
Tot Ion:178 Resp: 2332039

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

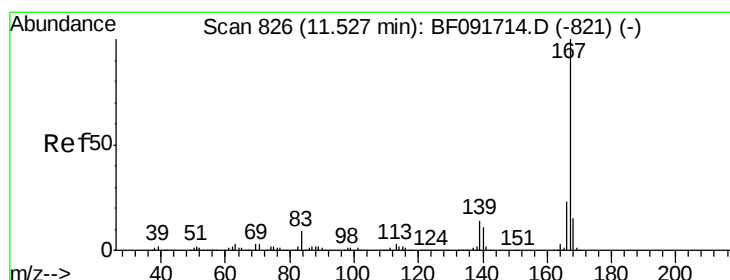
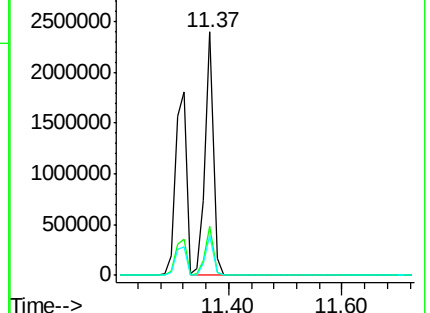
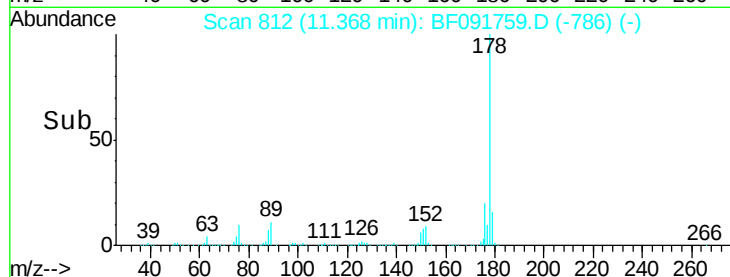
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.08 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

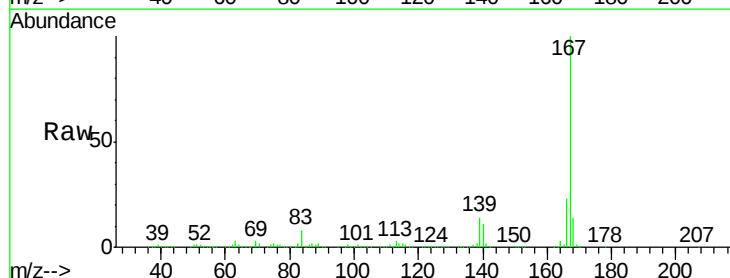
Tgt Ion:167 Resp: 2395028

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

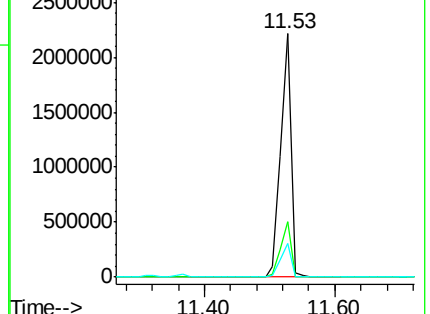
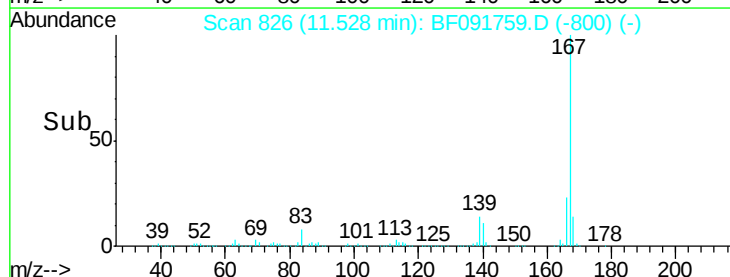
139 14.1 11.4 17.2

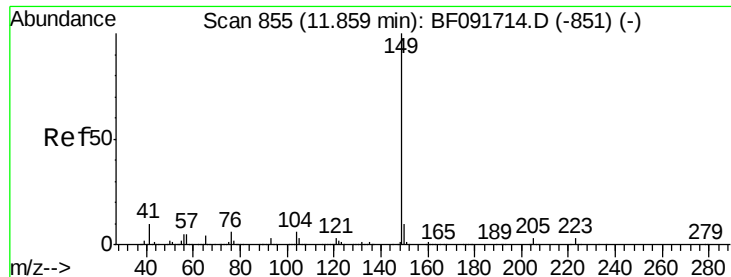


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.96 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

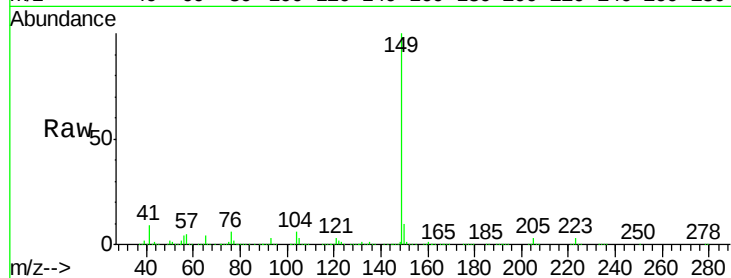
Tot Ion:149 Resp: 2605794

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

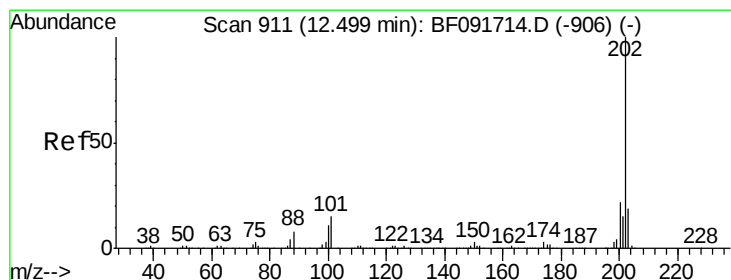
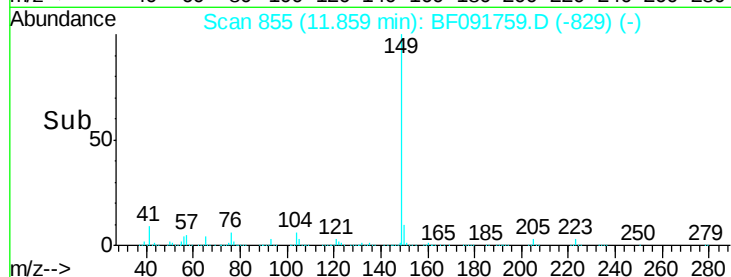
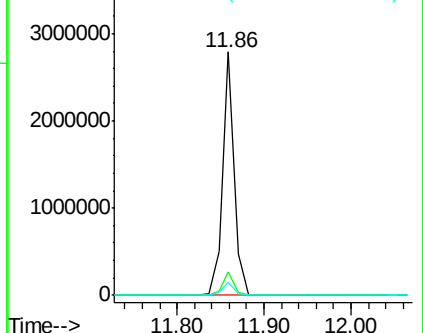
104 5.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.17 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

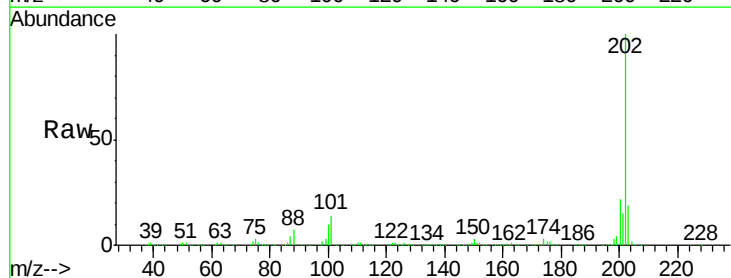
Tgt Ion:202 Resp: 2246986

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.6

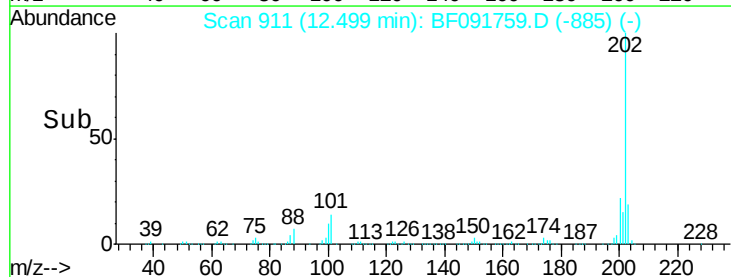
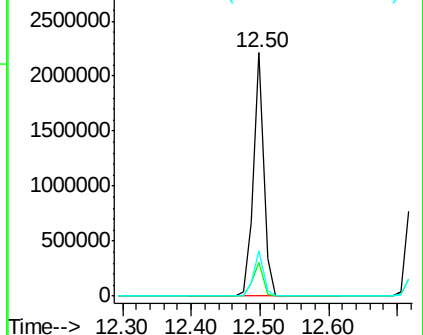
203 18.7 0.0 38.7

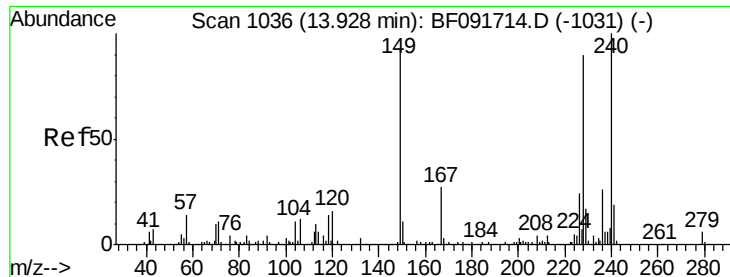


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

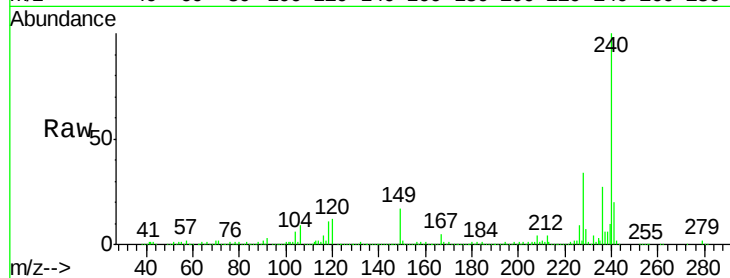
Tot Ion:240 Resp: 850459

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

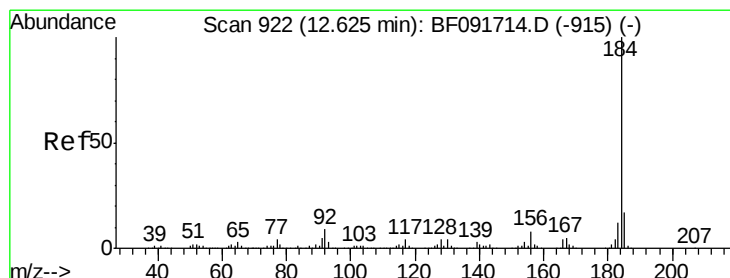
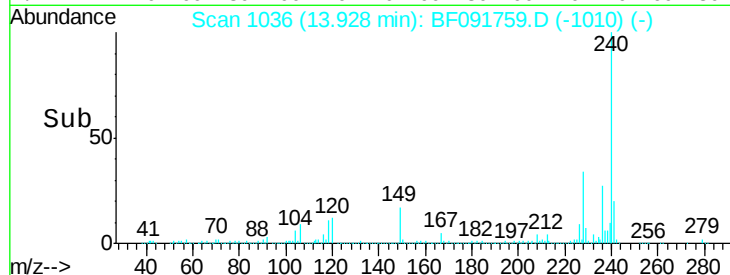
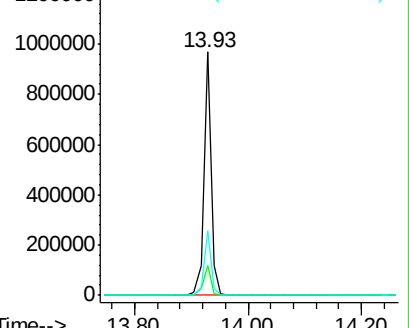
236 26.7 20.9 31.3



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: 36.01 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

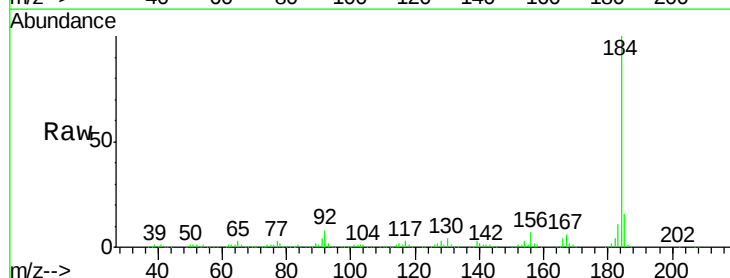
Tgt Ion:184 Resp: 881654

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

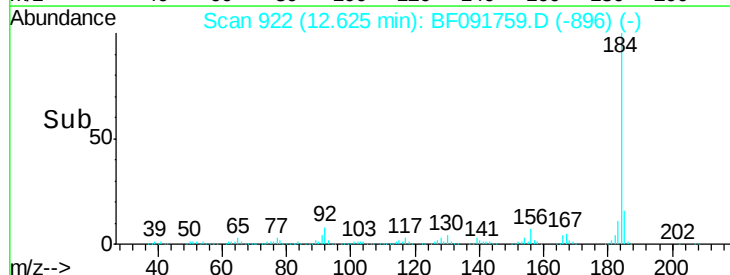
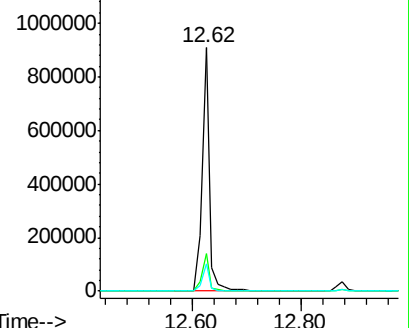
183 11.1 9.2 13.8

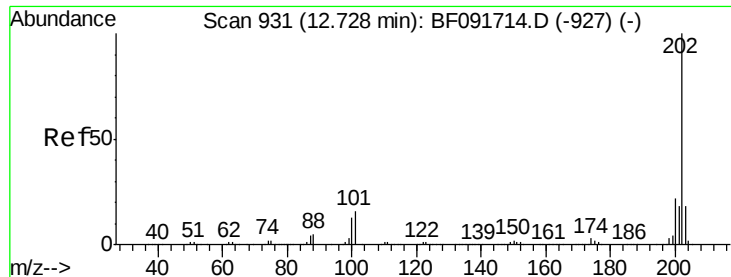


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



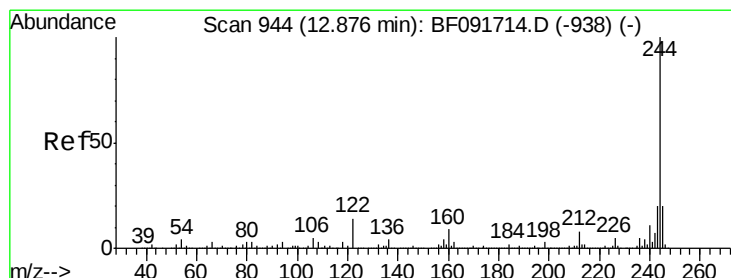
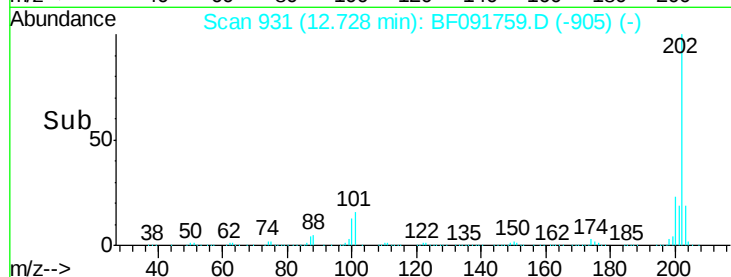
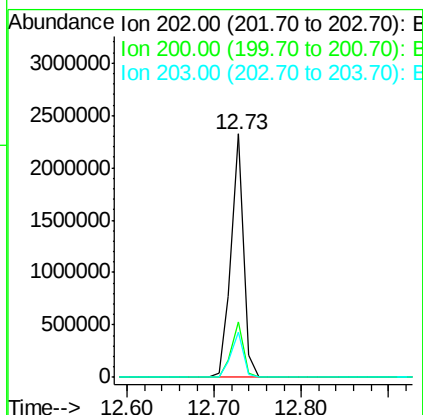
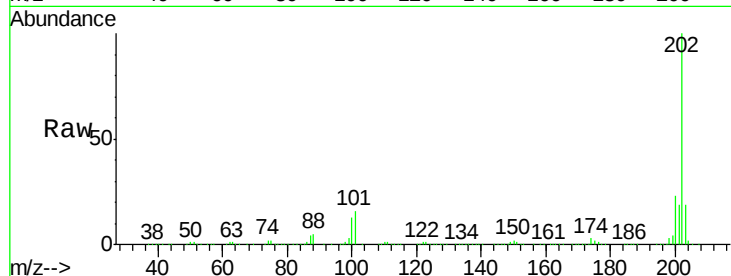


#77
 Pvrene
 Concen: 37.53 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:202 Resp: 2304790

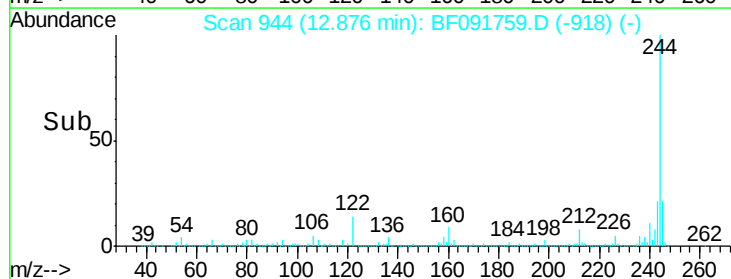
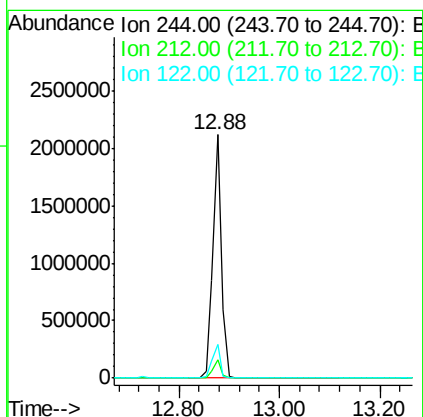
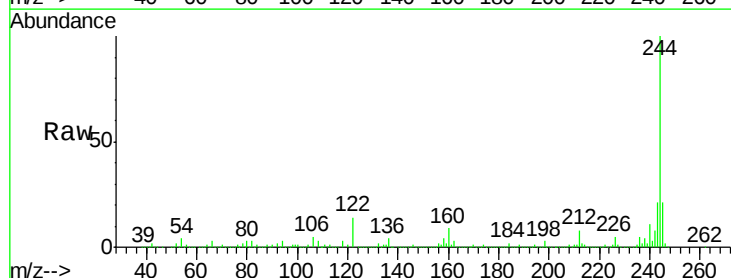
Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.7	26.5
203	18.5	14.7	22.1

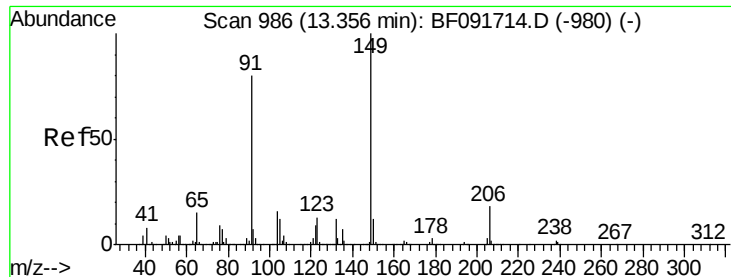


#78
 Terphenyl-d14
 Concen: 74.58 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Tgt Ion:244 Resp: 2512038

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.1	11.4	17.2

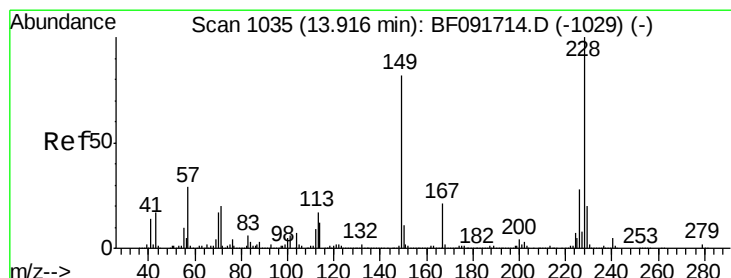
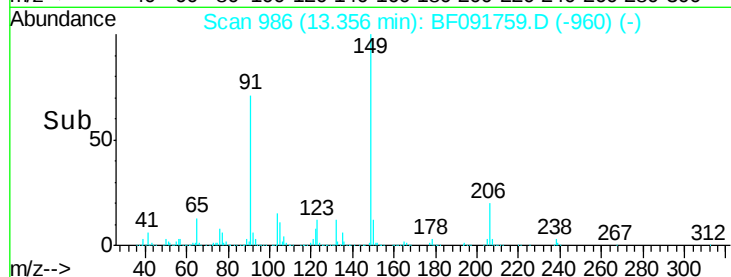
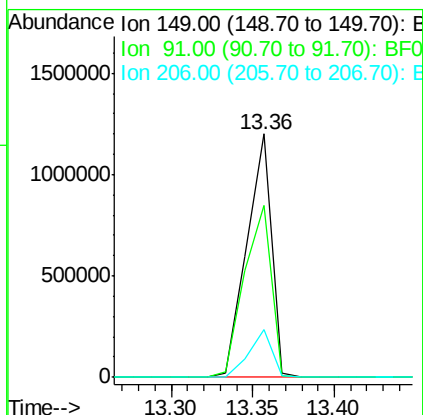
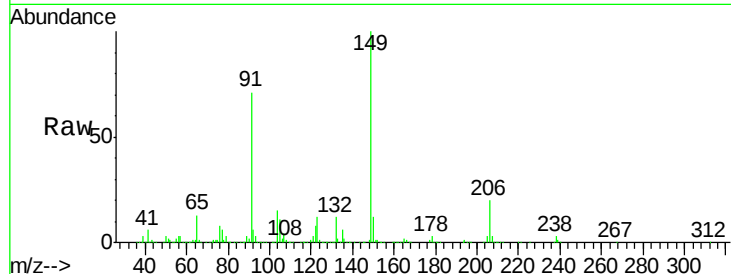




#79
Butylbenzylphthalate
Concen: 43.96 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

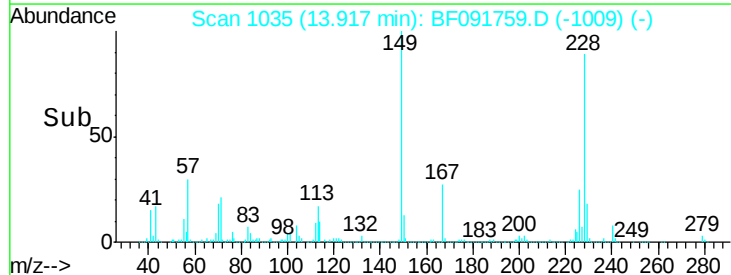
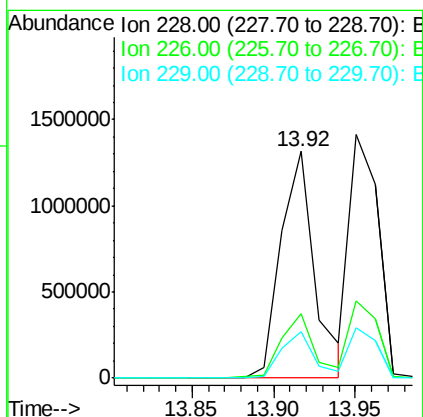
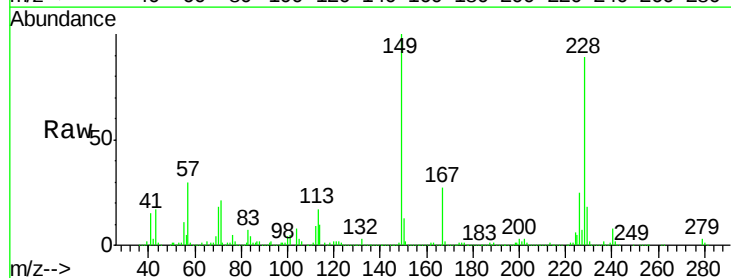
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

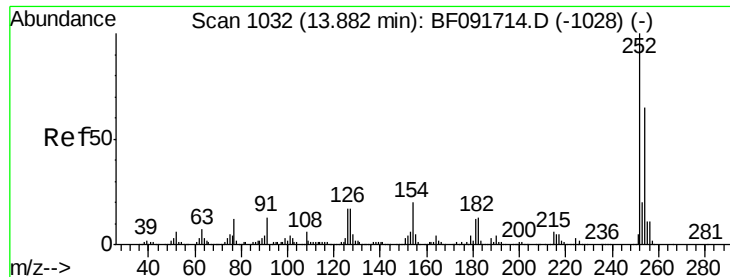
Tot Ion:149 Resp: 1263651
Ion Ratio Lower Upper
149 100
91 70.7 63.9 95.9
206 19.8 14.6 21.8



#80
Benzo(a)anthracene
Concen: 39.10 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion:228 Resp: 1902021
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.5 16.2 24.4

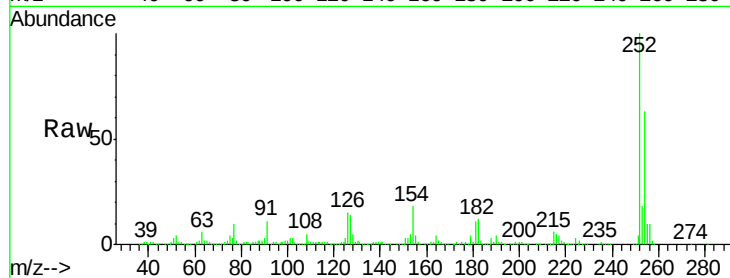




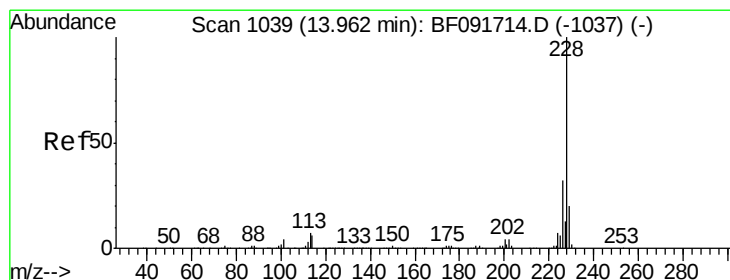
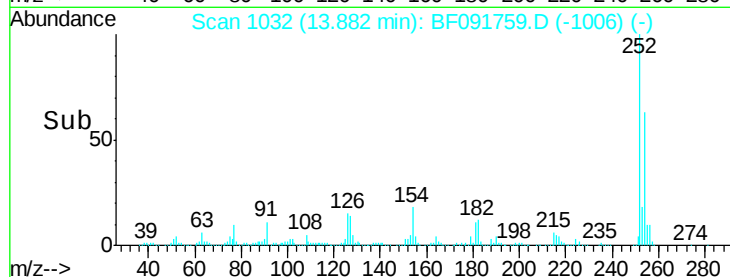
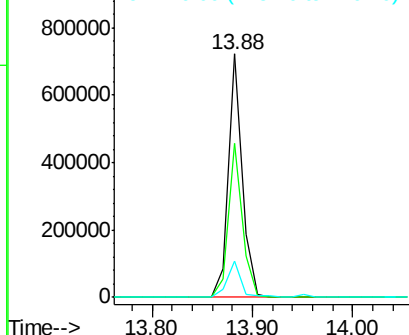
#81
 3,3'-Dichlorobenzidine
 Concen: 35.93 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 699334
 Ion Ratio Lower Upper
 252 100
 254 63.4 52.3 78.5
 126 14.7 13.6 20.4

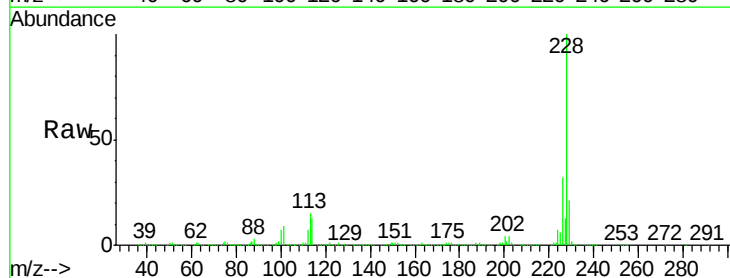


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

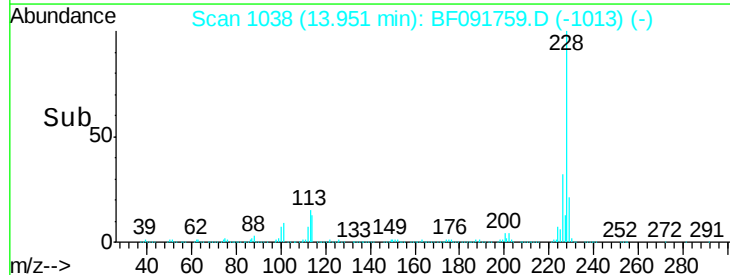
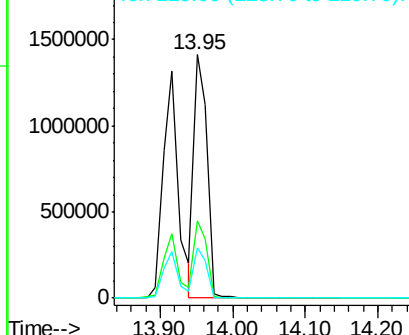


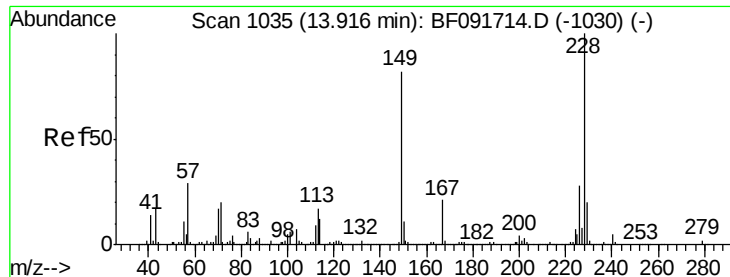
#82
 Chrysene
 Concen: 35.27 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Tgt Ion:228 Resp: 1778577
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.8 16.2 24.2



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

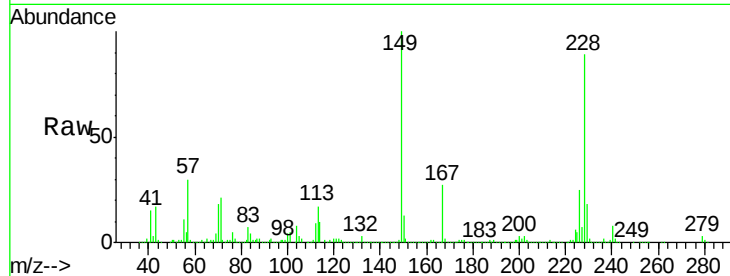




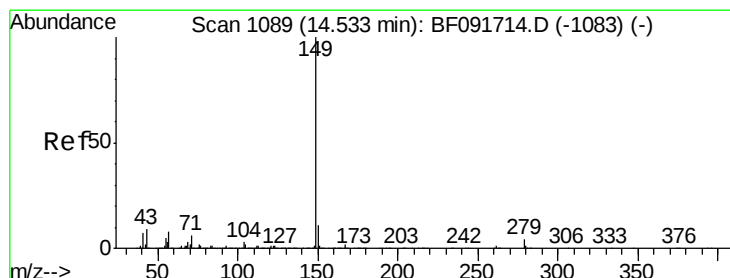
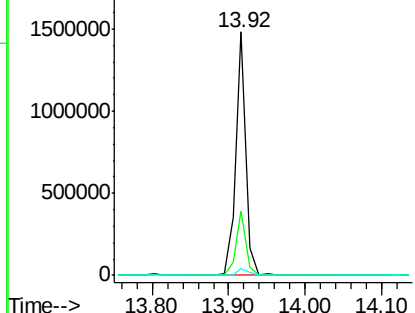
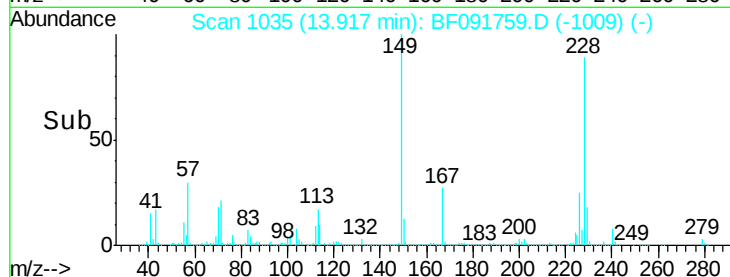
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.10 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1389099
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.2 30.4
 279 3.0 1.8 2.8#

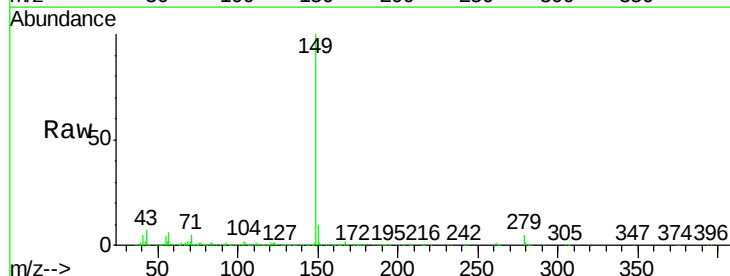


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

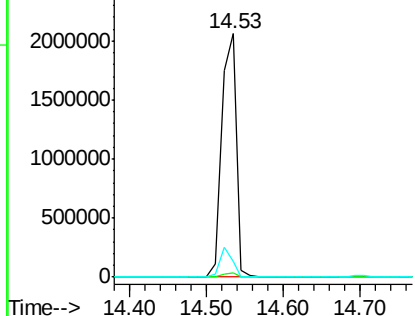
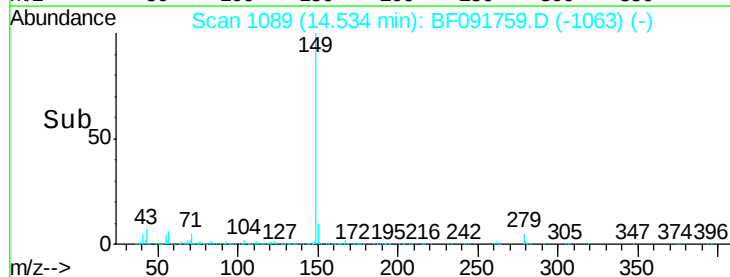


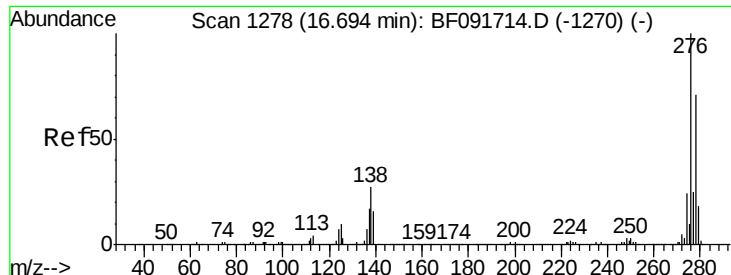
#84
 Di-n-octyl phthalate
 Concen: 40.88 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF091759.D
 Acq: 19 Dec 2016 2:36

Tgt Ion:149 Resp: 2746949
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.5 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

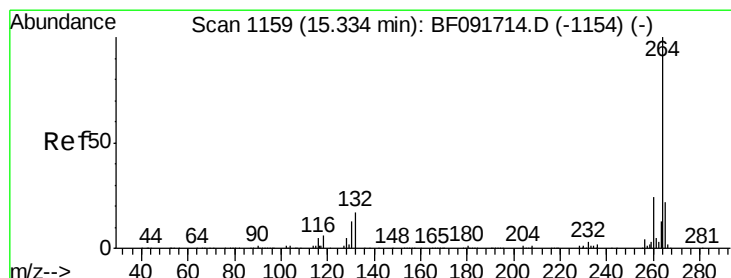
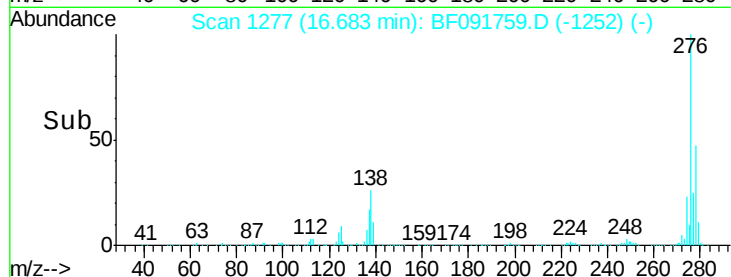
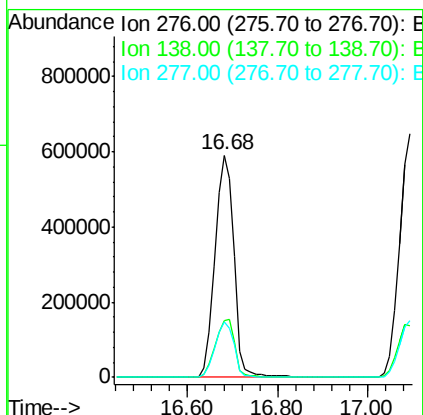
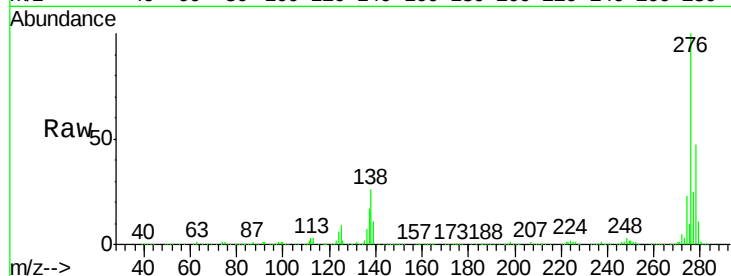




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.00 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

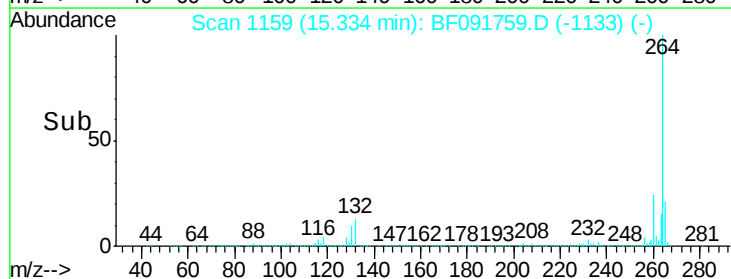
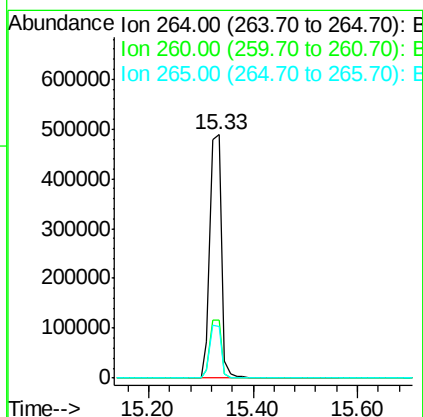
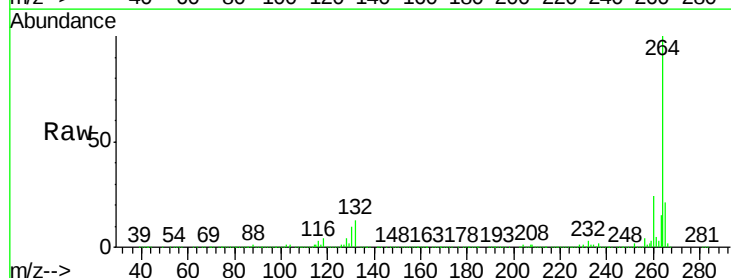
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

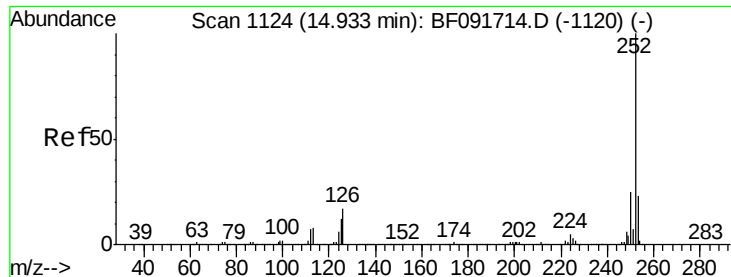
Tot Ion:276 Resp: 1735250
Ion Ratio Lower Upper
276 100
138 27.0 21.8 32.6
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF091759.D
Acq: 19 Dec 2016 2:36

Tgt Ion:264 Resp: 755787
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.3 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 38.60 ng

RT: 14.93 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

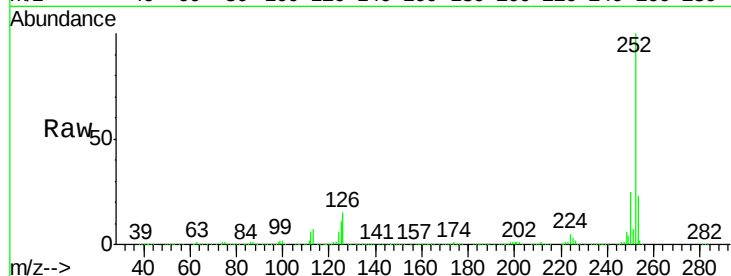
Tot Ion:252 Resp: 1849788

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

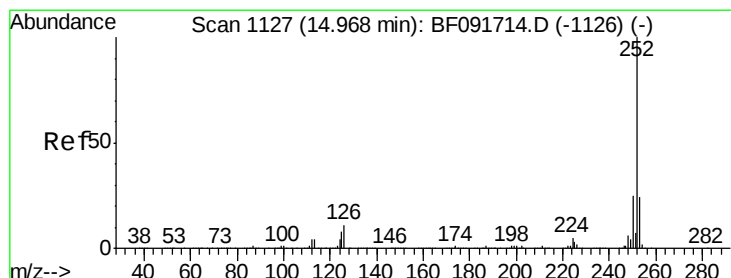
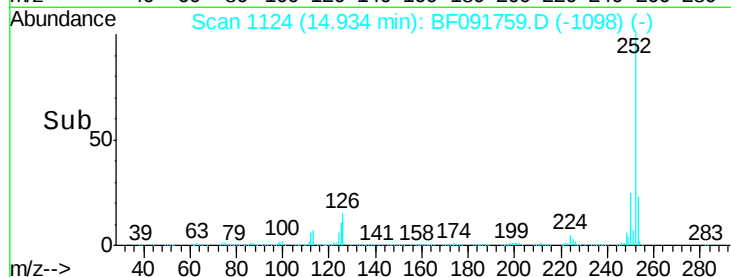
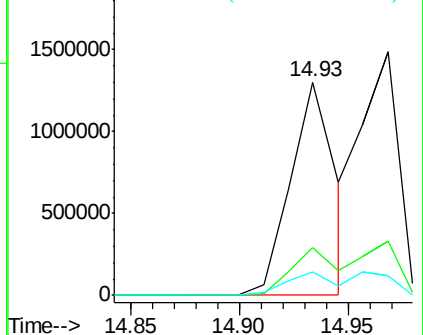
125 11.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 54.66 ng m

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

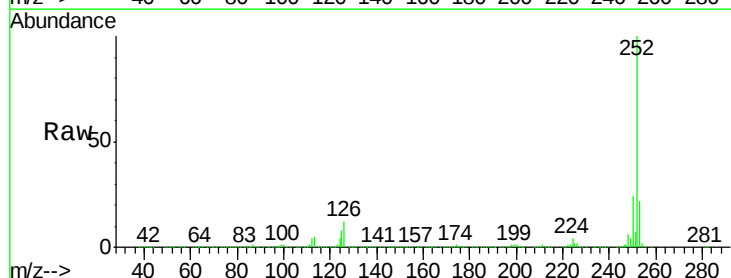
Tgt Ion:252 Resp: 1837919

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

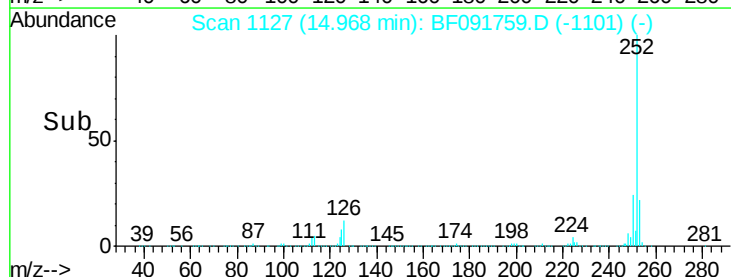
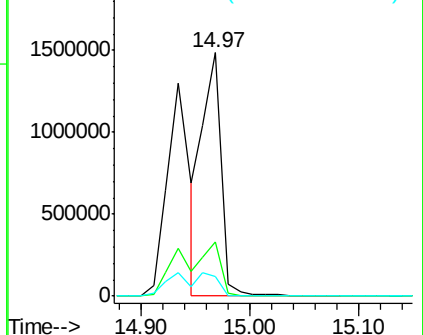
125 8.0 8.9 13.3#

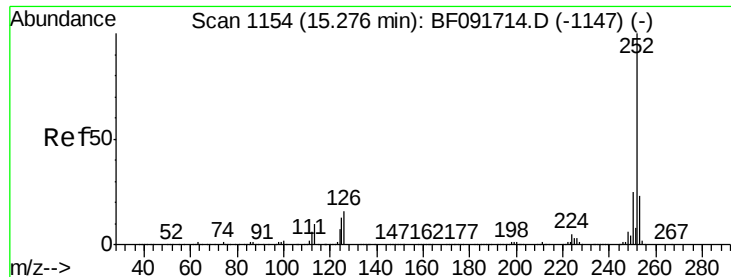


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.62 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

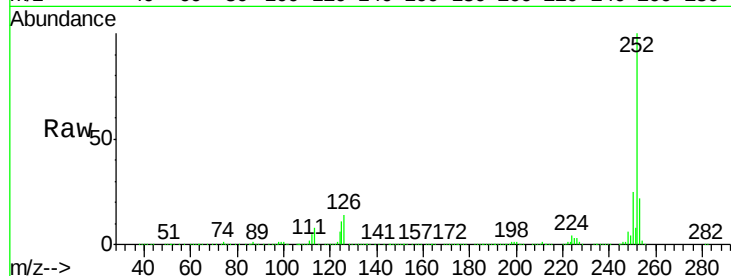
Tot Ion:252 Resp: 1712004

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

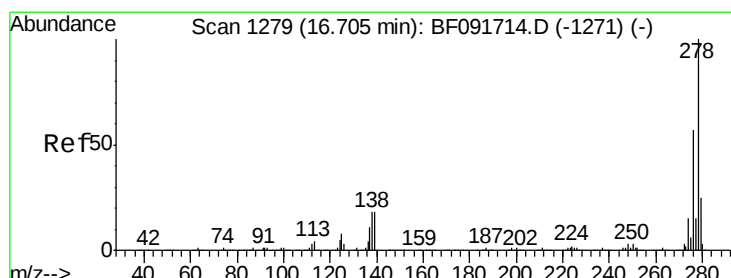
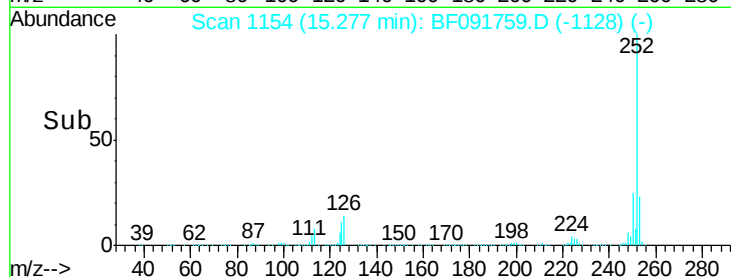
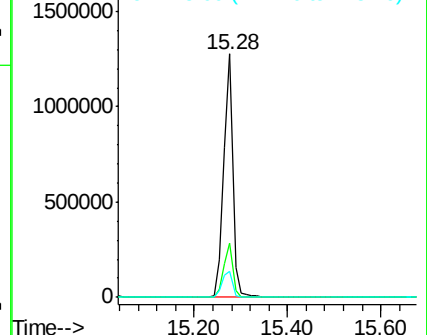
125 10.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.53 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

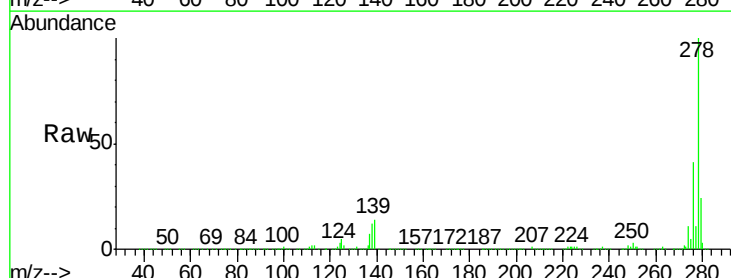
Tgt Ion:278 Resp: 1453110

Ion Ratio Lower Upper

278 100

139 13.6 14.8 22.2#

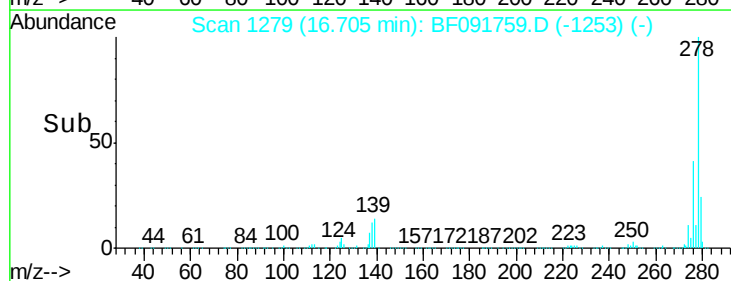
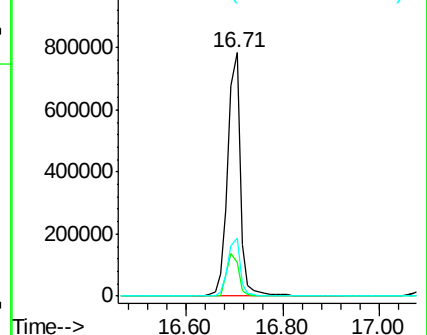
279 24.0 19.8 29.6

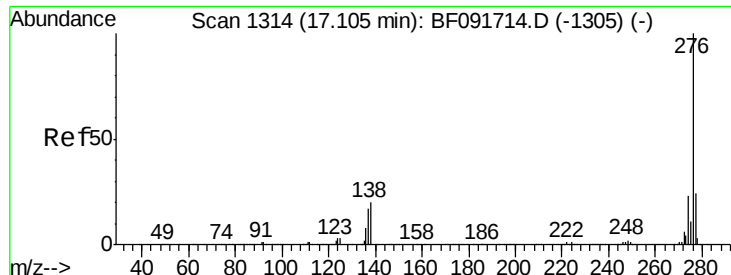


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.51 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF091759.D

Acq: 19 Dec 2016 2:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

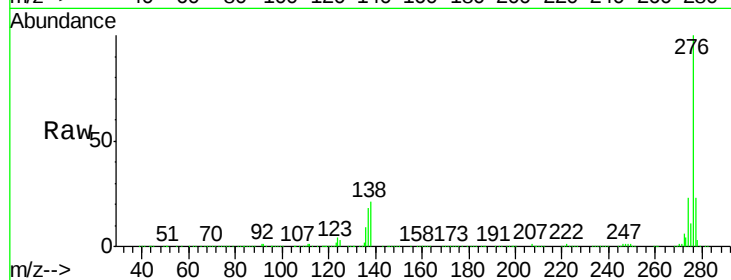
Tot Ion:276 Resp: 1476040

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 21.4 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

