

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091733.D
 Acq On : 18 Dec 2016 13:22
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 19 16:22:54 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	408406	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1602234	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	792076	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1154494	20.00	ng	0.00
75) Chrysene-d12	13.93	240	900632	20.00	ng	0.00
86) Perylene-d12	15.32	264	866845	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1971889	80.89	ng	0.00
7) Phenol-d6	6.42	99	2354770	79.21	ng	0.00
23) Nitrobenzene-d5	7.34	82	2352348	84.67	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	503233	74.93	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3338314	84.67	ng	0.00
78) Terphenyl-d14	12.88	244	2565753	71.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	543340	45.26	ng	98
3) Pyridine	3.01	79	1469137	37.99	ng	97
4) n-Nitrosodimethylamine	2.99	42	593434	39.65	ng	98
6) Aniline	6.44	93	1611976	42.14	ng	# 44
8) 2-Chlorophenol	6.56	128	1078868	40.21	ng	98
9) Benzaldehyde	6.32	77	759907	45.44	ng	98
10) Phenol	6.43	94	1294357	38.63	ng	100
11) bis(2-Chloroethyl)ether	6.51	93	1062471	39.70	ng	98
12) 1,3-Dichlorobenzene	6.72	146	1216844	41.29	ng	98
13) 1,4-Dichlorobenzene	6.78	146	1133935	38.03	ng	99
14) 1,2-Dichlorobenzene	6.94	146	1104571	42.29	ng	100
15) Benzyl Alcohol	6.92	79	872935	37.92	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1678996	41.06	ng	99
17) 2-Methylphenol	7.04	107	917768	40.93	ng	99
18) Hexachloroethane	7.29	117	460676	41.59	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	800095	40.46	ng	100
20) 3+4-Methylphenols	7.20	107	943817	37.73	ng	97
22) Acetophenone	7.18	105	1575088	40.71	ng	99
24) Nitrobenzene	7.36	77	1187614	39.80	ng	99
25) Isophorone	7.61	82	2241494	42.28	ng	99
26) 2-Nitrophenol	7.68	139	630055	43.78	ng	97
27) 2,4-Dimethylphenol	7.72	122	979222	41.70	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	1235903	39.85	ng	99
29) 2,4-Dichlorophenol	7.92	162	894996	41.33	ng	87
30) 1,2,4-Trichlorobenzene	8.00	180	983846	41.92	ng	# 93
31) Naphthalene	8.08	128	2971276	38.82	ng	99
32) Benzoic acid	7.87	122	795866	47.56	ng	99
33) 4-Chloroaniline	8.13	127	1318883	40.90	ng	99
34) Hexachlorobutadiene	8.20	225	534065	40.47	ng	99
35) Caprolactam	8.52	113	279127	40.06	ng	# 67
36) 4-Chloro-3-methylphenol	8.62	107	975100	40.82	ng	98
37) 2-Methylnaphthalene	8.77	142	1990980	41.26	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	837158	42.40	ng	100
40) Hexachlorocyclopentadiene	8.92	237	395651	47.28	ng	95

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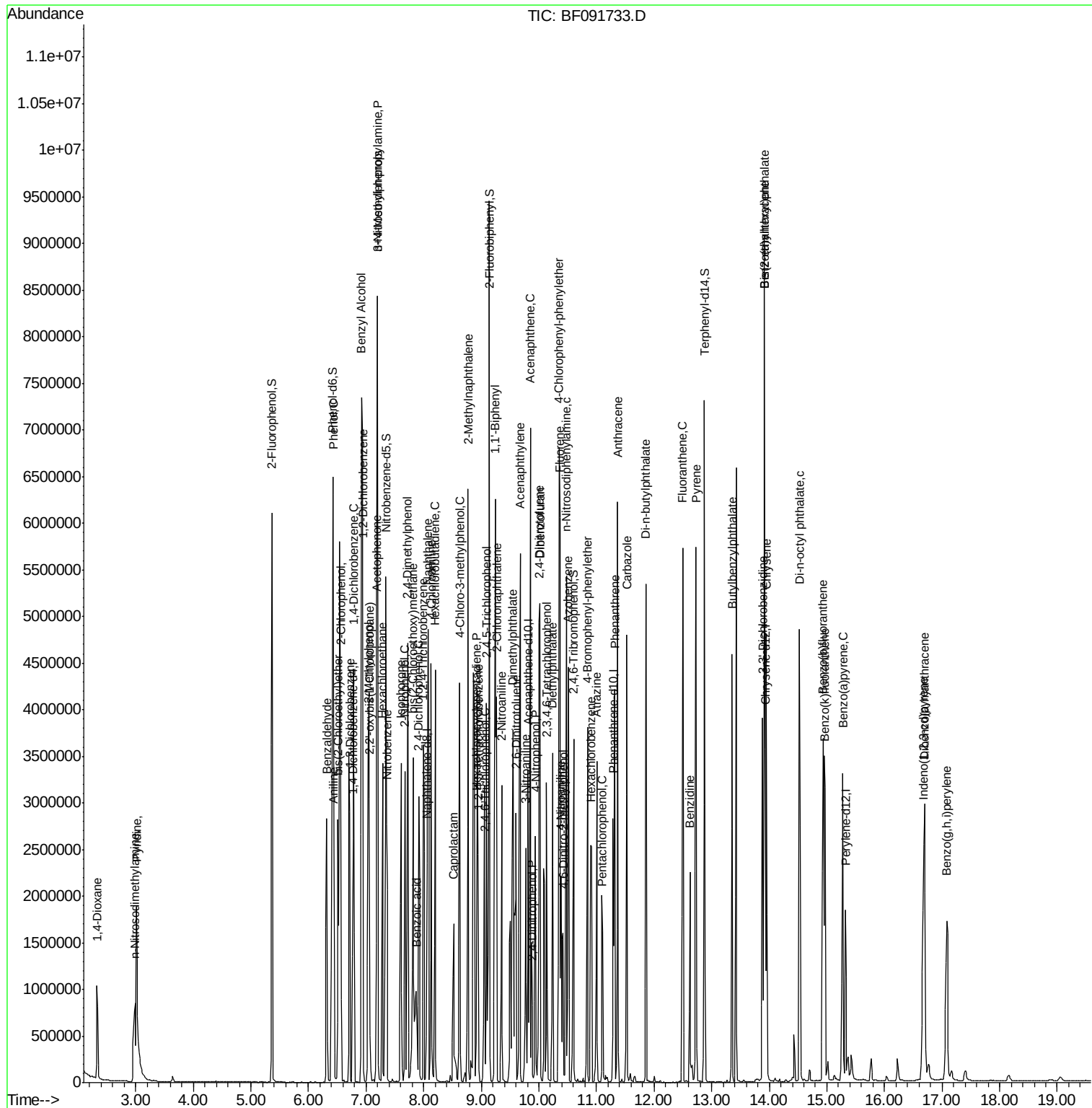
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	624132	44.24	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	620462	44.77	nq	98
45) 1,1'-Biphenyl	9.24	154	2470125	43.51	nq	100
46) 2-Chloronaphthalene	9.26	162	1866056	43.98	nq	99
47) 2-Nitroaniline	9.36	65	603340	41.65	nq	98
48) Acenaphthylene	9.68	152	2703897	41.13	nq	99
49) Dimethylphthalate	9.55	163	2232999	43.16	nq	99
50) 2,6-Dinitrotoluene	9.61	165	517584	45.63	nq	96
51) Acenaphthene	9.85	154	1867970	41.40	nq	99
52) 3-Nitroaniline	9.77	138	561179	39.73	nq	100
53) 2,4-Dinitrophenol	9.88	184	266876	43.55	nq	95
54) Dibenzofuran	10.02	168	2273929	42.39	nq	99
55) 4-Nitrophenol	9.94	139	423925	43.22	nq	96
56) 2,4-Dinitrotoluene	10.01	165	617650	43.59	nq	98
57) Fluorene	10.36	166	1772668	42.54	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	422792	36.90	nq	98
59) Diethylphthalate	10.24	149	1884098	37.04	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	674794	35.55	nq	99
61) 4-Nitroaniline	10.38	138	499856	37.35	nq	100
62) Azobenzene	10.51	77	2005261	37.06	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	365404	47.99	nq	96
65) n-Nitrosodiphenylamine	10.48	169	1557550	43.45	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	520618	43.00	nq	94
67) Hexachlorobenzene	10.91	284	568710	44.83	nq	# 89
68) Atrazine	11.00	200	426632	39.38	nq	98
69) Pentachlorophenol	11.10	266	325674m	47.58	nq	
70) Phenanthrene	11.32	178	2587046	44.85	nq	99
71) Anthracene	11.37	178	2349811	38.46	nq	100
72) Carbazole	11.53	167	2496932	46.73	nq	99
73) Di-n-butylphthalate	11.86	149	2628617	38.37	nq	100
74) Fluoranthene	12.50	202	2354476	39.08	nq	99
76) Benzidine	12.62	184	941198	36.30	nq	99
77) Pyrene	12.73	202	2445076	37.59	nq	99
79) Butylbenzylphthalate	13.36	149	1310242	43.04	nq	87
80) Benzo(a)anthracene	13.92	228	1886539	36.62	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	777572	37.72	nq	96
82) Chrysene	13.95	228	1982936	37.13	nq	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1448694	37.52	nq	# 98
84) Di-n-octyl phthalate	14.52	149	2837611	39.88	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1978704	37.69	nq	100
87) Benzo(b)fluoranthene	14.93	252	2123300	38.63	nq	99
88) Benzo(k)fluoranthene	14.97	252	1988686m	51.56	nq	
89) Benzo(a)pyrene	15.28	252	2032691	43.09	nq	# 97
90) Dibenzo(a,h)anthracene	16.69	278	1665511	40.50	nq	99
91) Benzo(g,h,i)perylene	17.08	276	1697288	40.61	nq	# 95

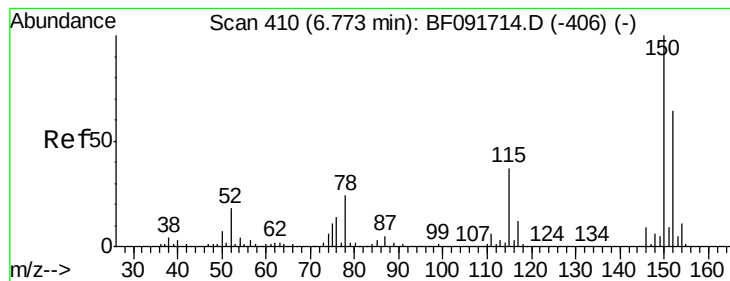
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

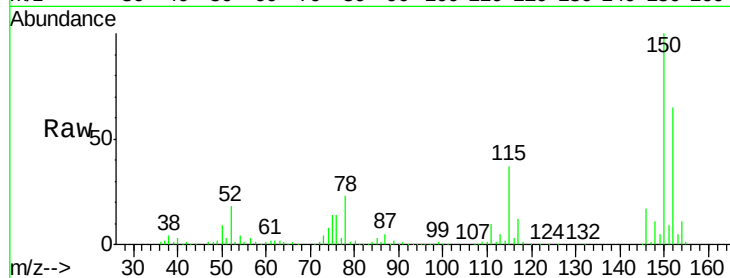
Tot Ion:152 Resp: 408406

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

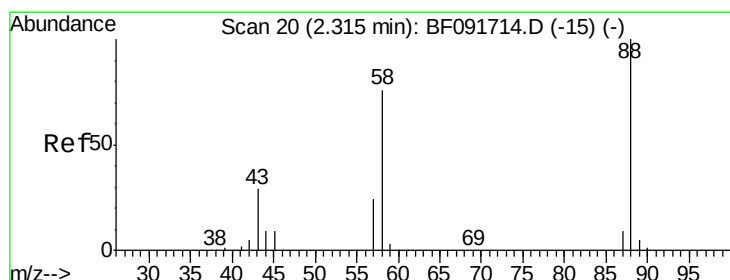
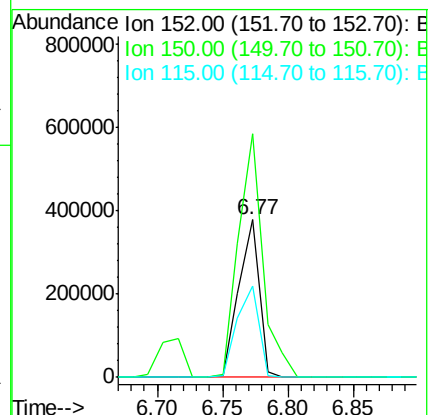
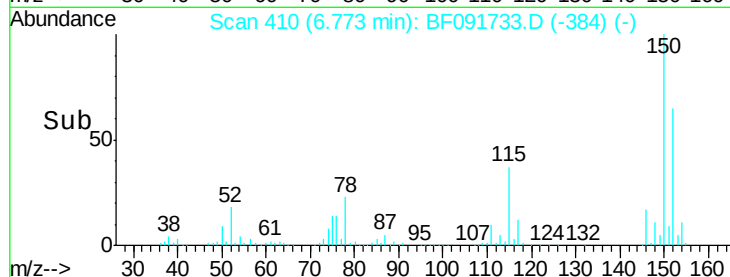
115 57.8 46.0 69.0



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: 45.26 ng

RT: 2.33 min Scan# 21

Delta R.T. 0.01 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

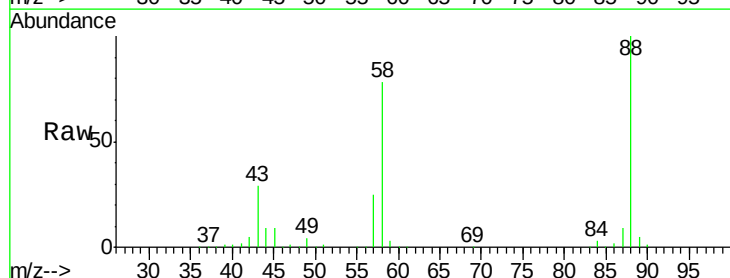
Tgt Ion: 88 Resp: 543340

Ion Ratio Lower Upper

88 100

58 73.8 57.8 86.8

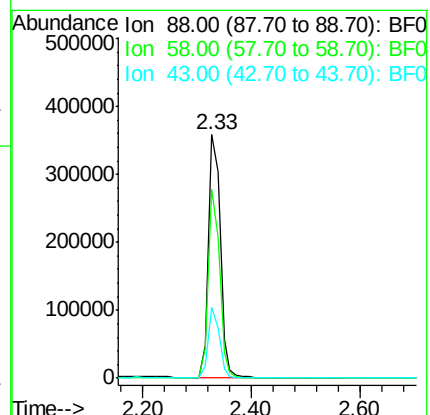
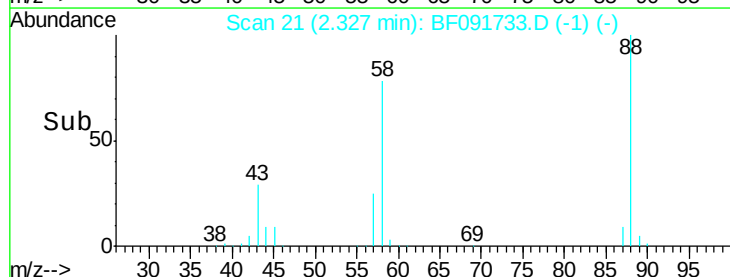
43 26.9 22.3 33.5

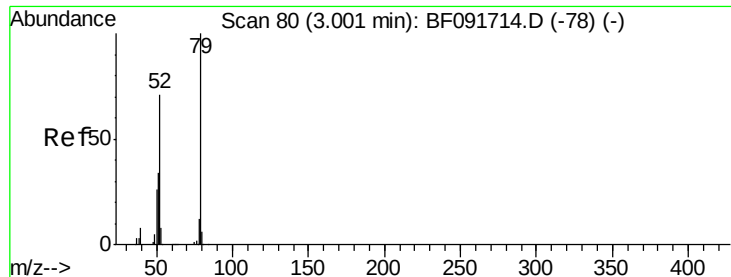


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.99 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

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ClientSampleId :

SSTDCCC040

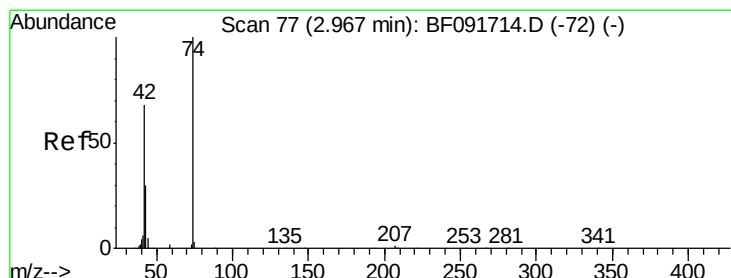
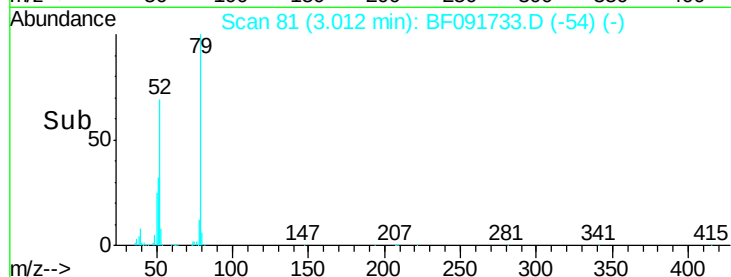
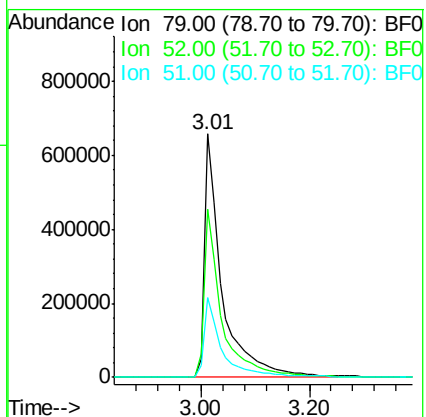
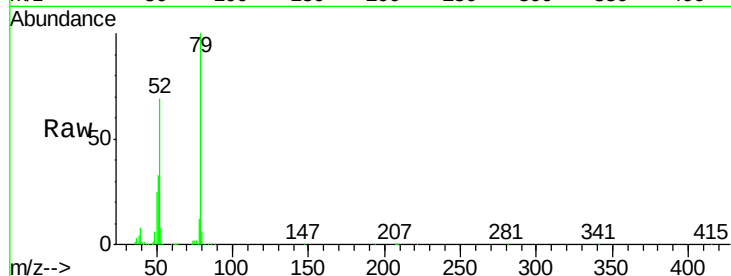
Tot Ion: 79 Resp: 1469137

Ion Ratio Lower Upper

79 100

52 69.1 57.1 85.7

51 32.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 39.65 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.02 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

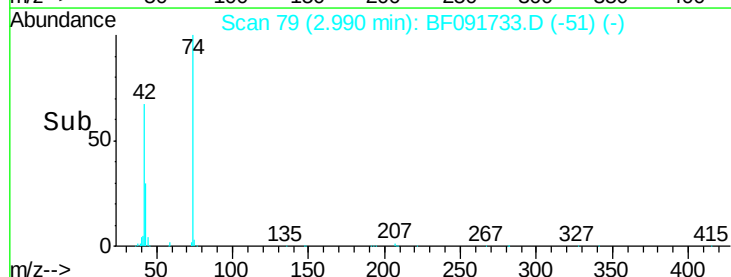
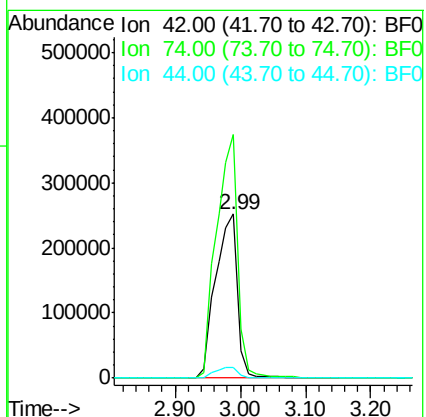
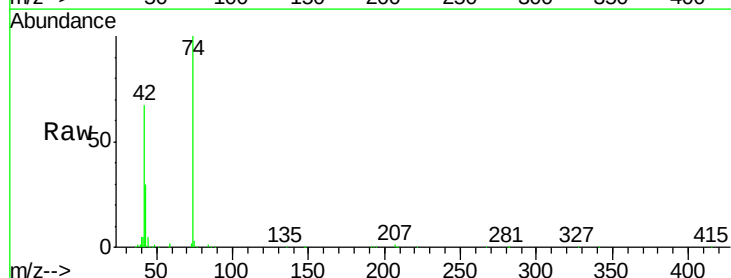
Tgt Ion: 42 Resp: 593434

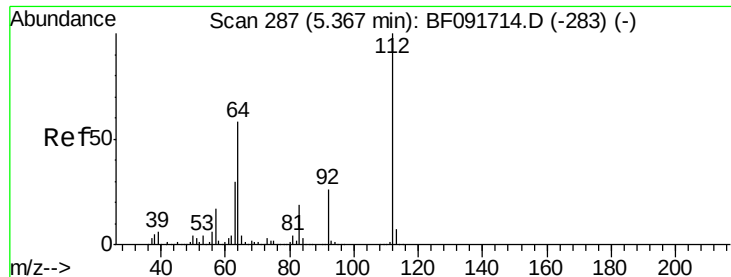
Ion Ratio Lower Upper

42 100

74 148.6 117.0 175.4

44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 80.89 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

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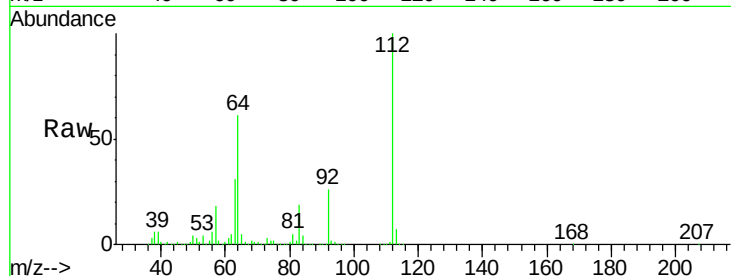
Tot Ion:112 Resp: 1971889

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

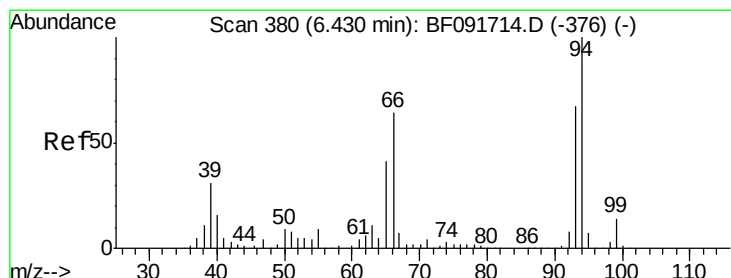
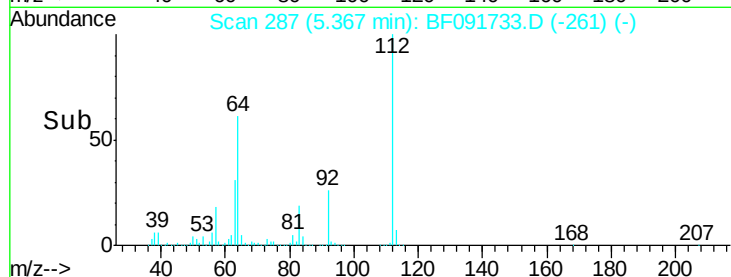
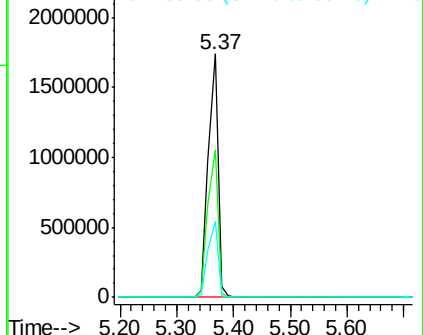
63 31.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.14 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

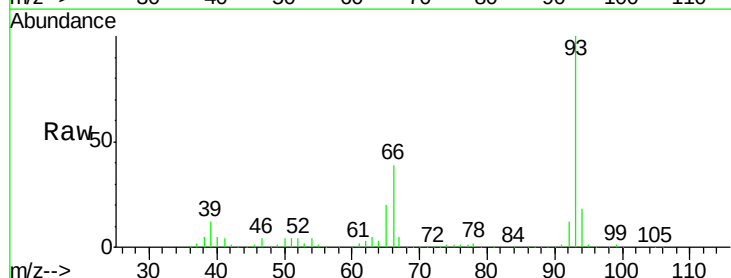
Tgt Ion: 93 Resp: 1611976

Ion Ratio Lower Upper

93 100

66 38.9 76.2 114.2#

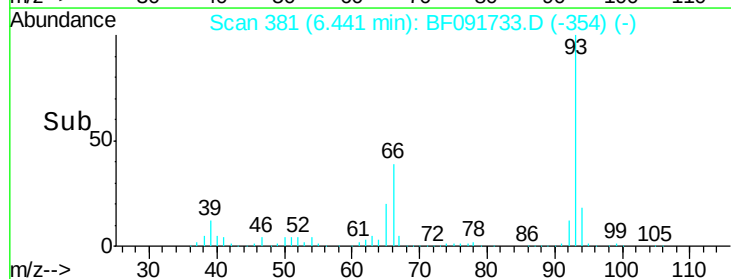
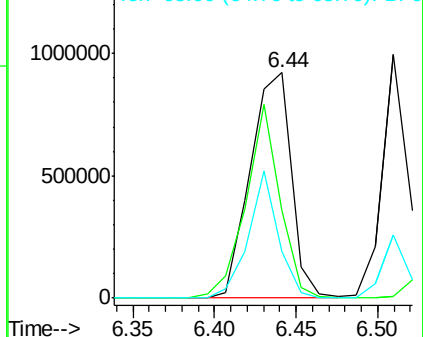
65 20.4 49.3 73.9#

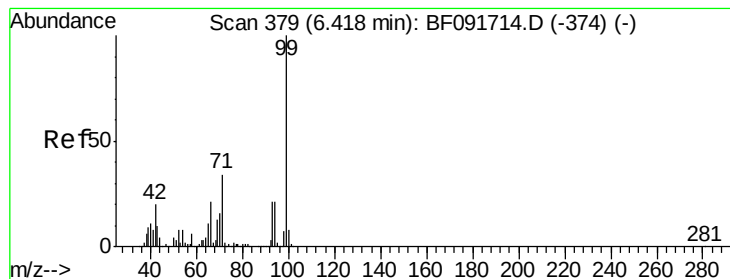


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.21 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091733.D

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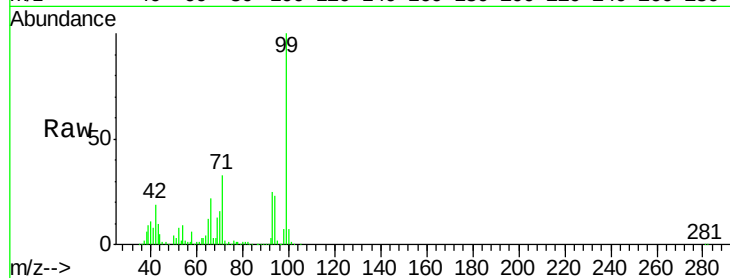
Tot Ion: 99 Resp: 2354770

Ion Ratio Lower Upper

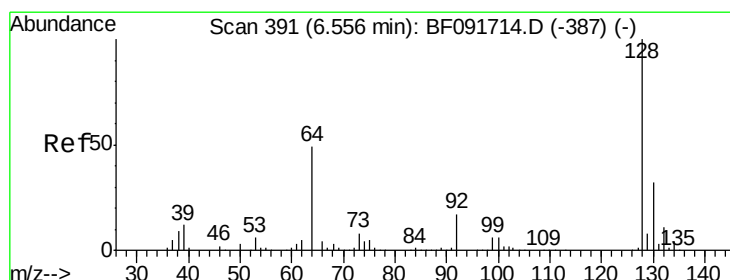
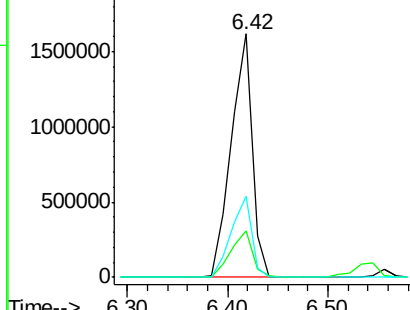
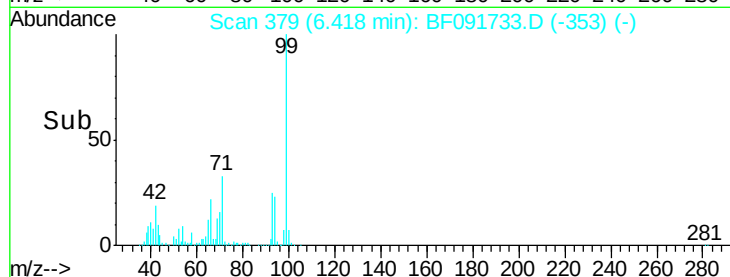
99 100

42 19.1 15.6 23.4

71 33.2 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: 40.21 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

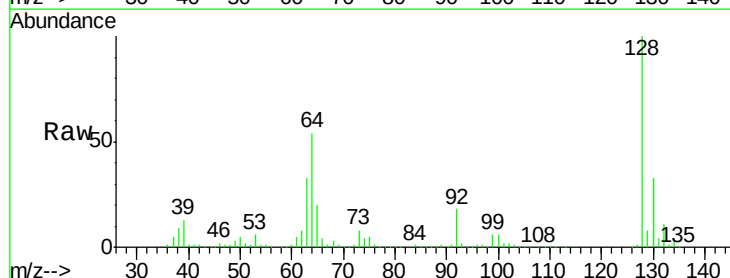
Tgt Ion: 128 Resp: 1078868

Ion Ratio Lower Upper

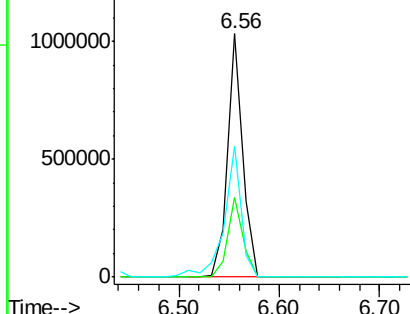
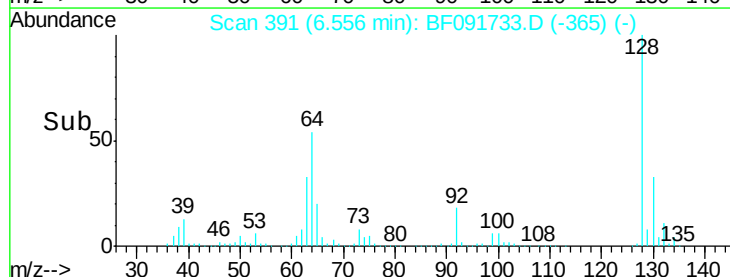
128 100

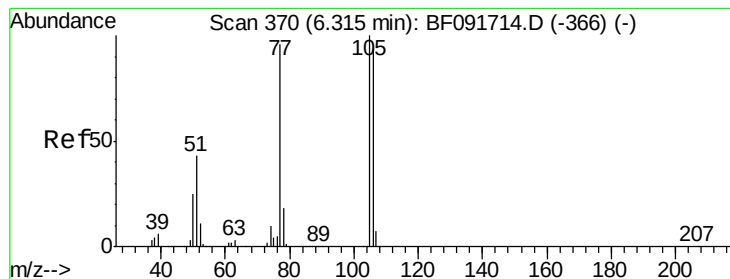
130 32.7 12.3 52.3

64 53.7 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: 45.44 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

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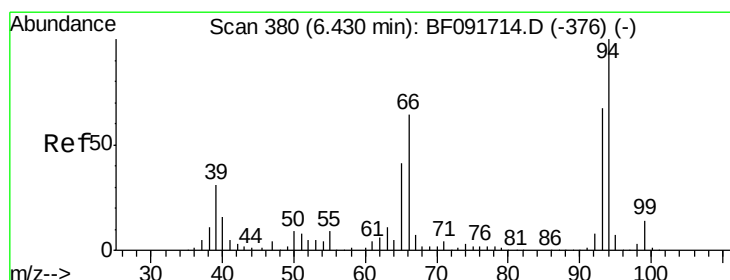
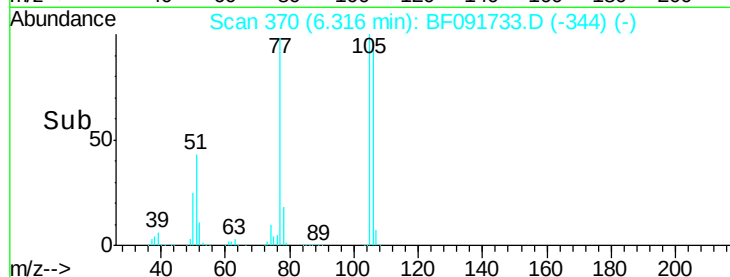
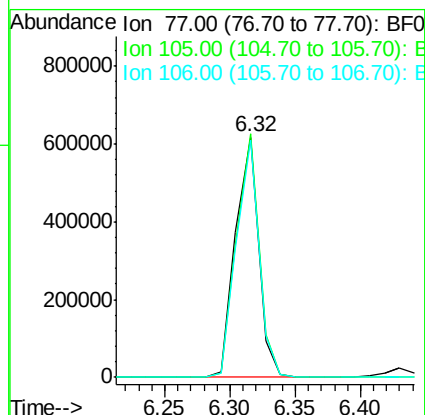
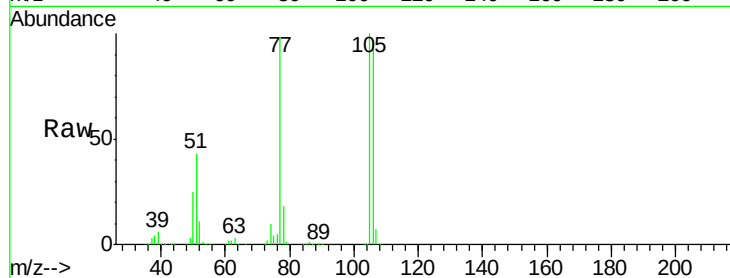
Tot Ion: 77 Resp: 759907

Ion Ratio Lower Upper

77 100

105 101.5 83.9 123.9

106 98.7 77.6 117.6



#10

Phenol

Concen: 38.63 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

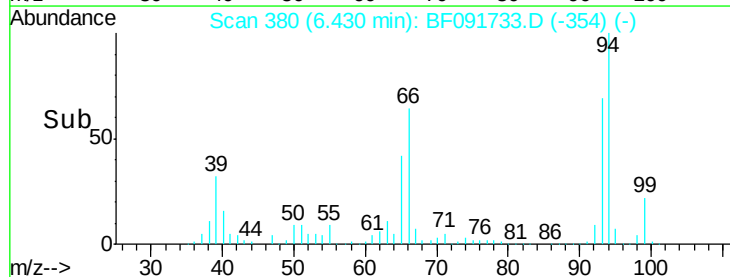
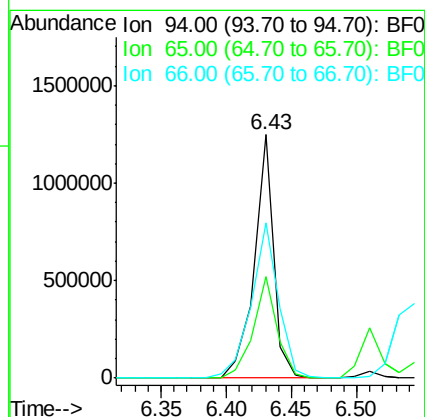
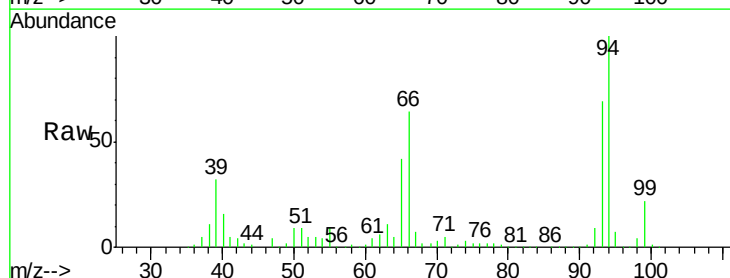
Tgt Ion: 94 Resp: 1294357

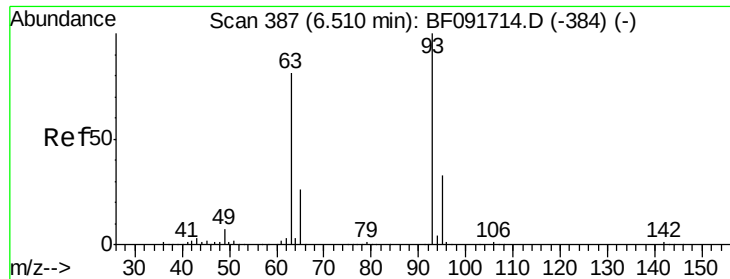
Ion Ratio Lower Upper

94 100

65 41.6 21.4 61.4

66 63.6 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 39.70 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

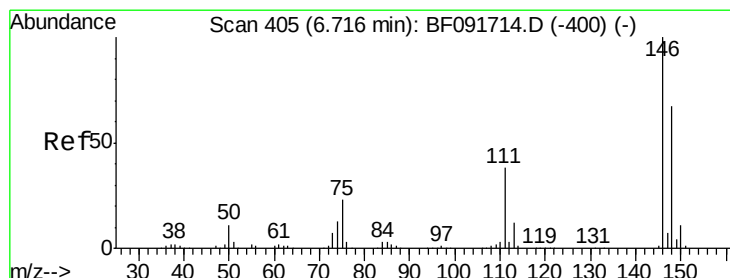
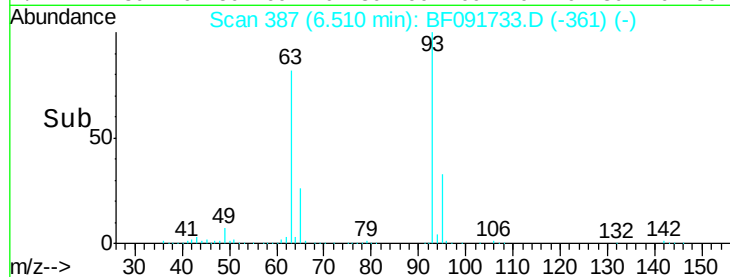
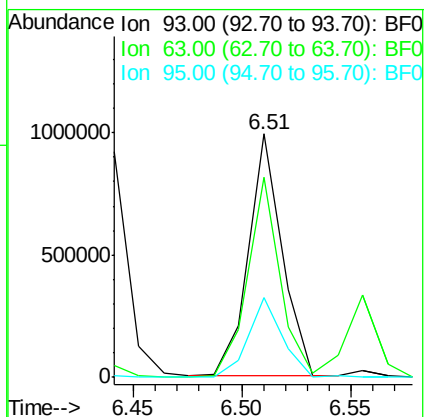
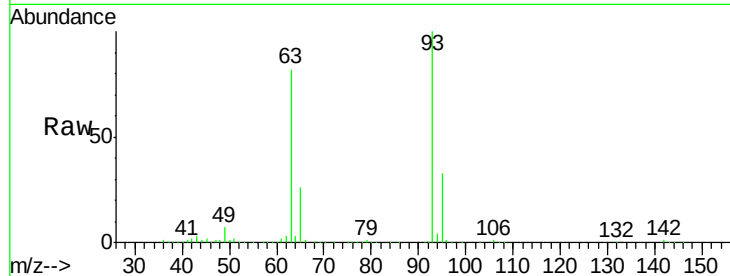
Tot Ion: 93 Resp: 1062471

Ion Ratio Lower Upper

93 100

63 82.4 60.4 100.4

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.29 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

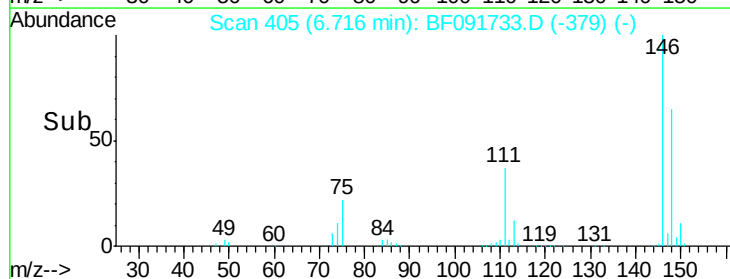
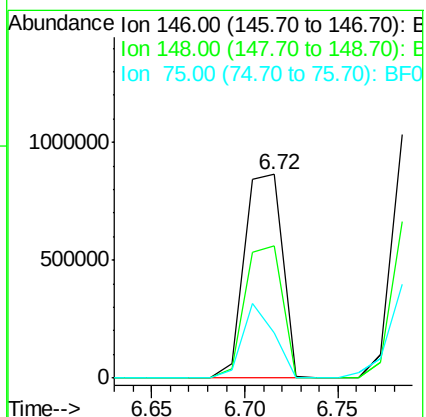
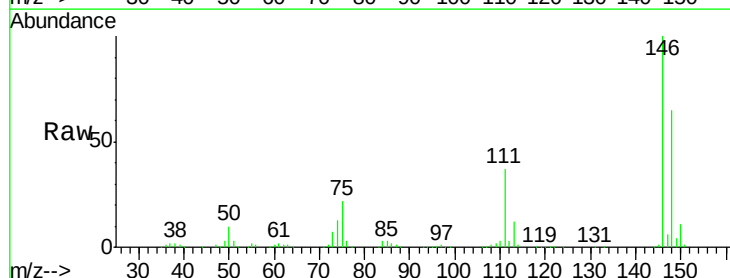
Tgt Ion: 146 Resp: 1216844

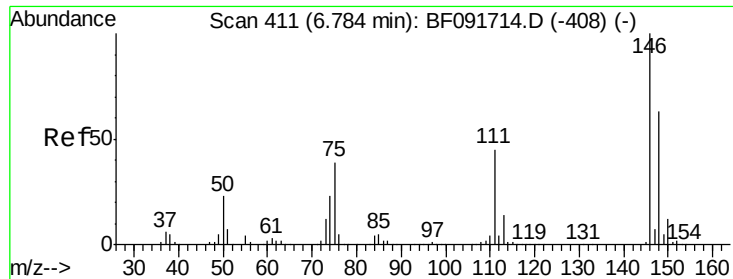
Ion Ratio Lower Upper

146 100

148 65.2 53.4 80.0

75 22.5 18.5 27.7

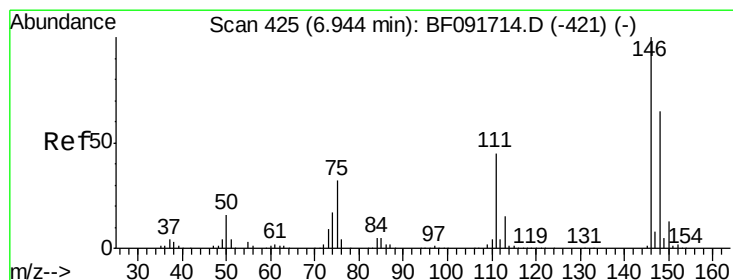
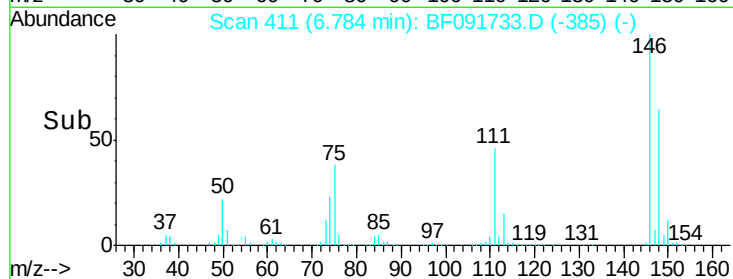
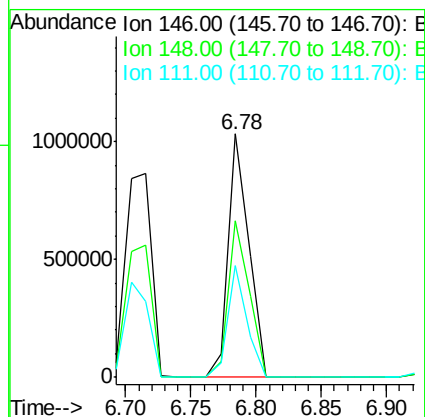
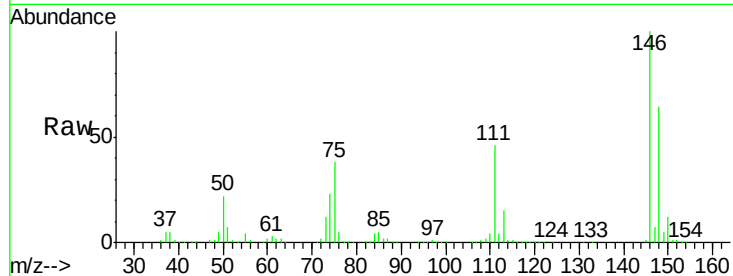




#13
 1,4-Dichlorobenzene
 Concen: 38.03 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

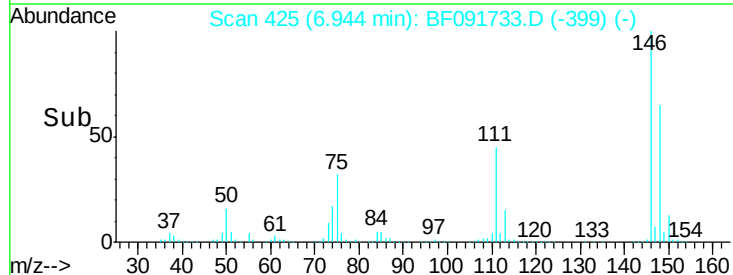
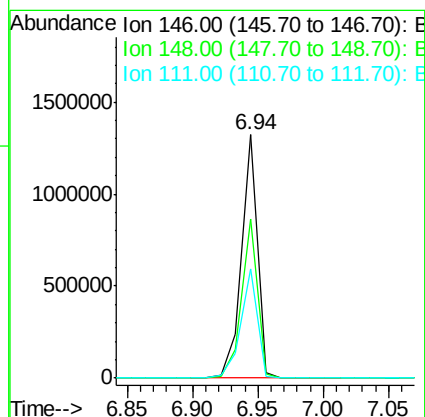
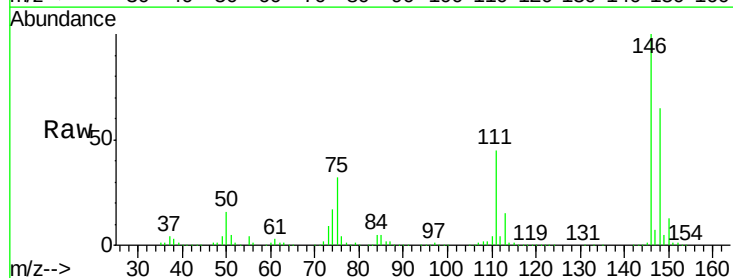
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

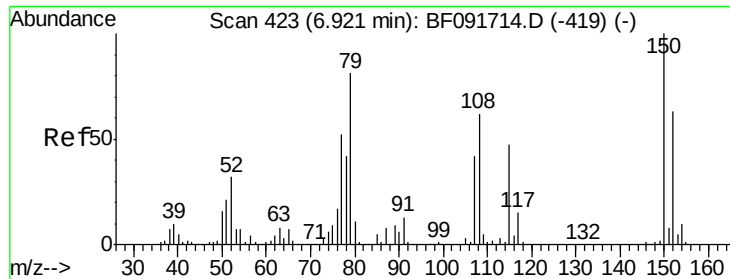
Tot Ion:146 Resp: 1133935
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 76.0
 111 46.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 42.29 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Tgt Ion:146 Resp: 1104571
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.2
 111 45.0 36.2 54.2

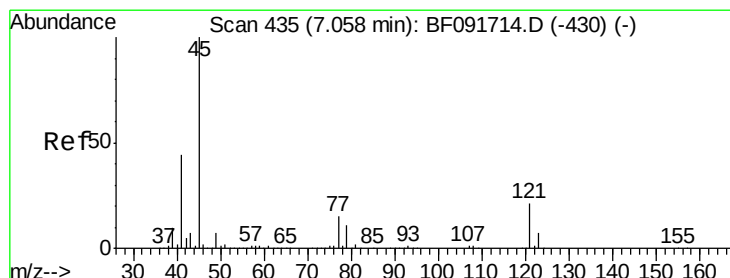
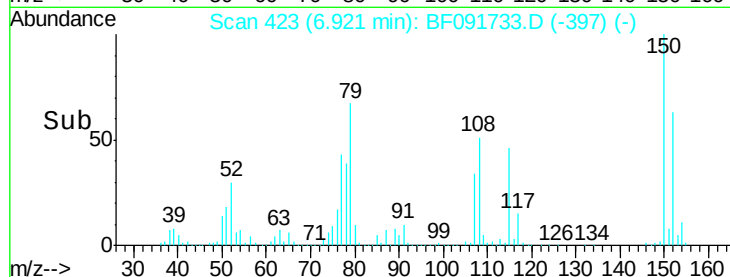
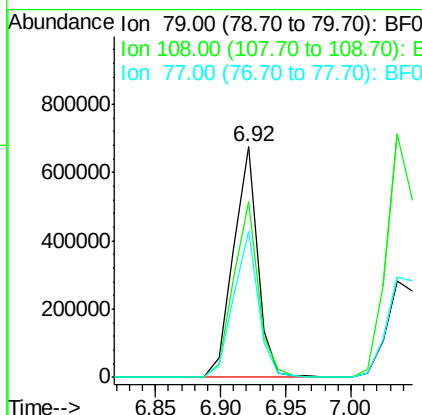
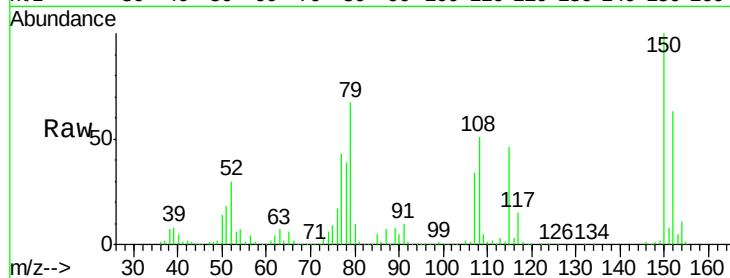




#15
Benzyl Alcohol
Concen: 37.92 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

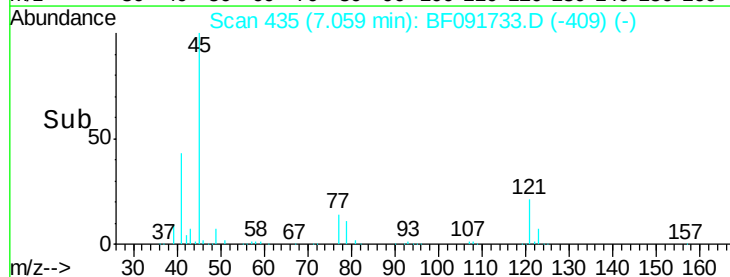
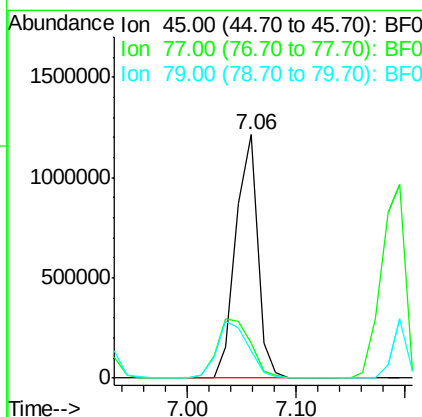
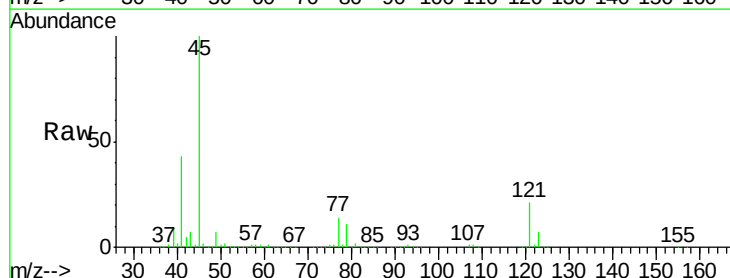
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

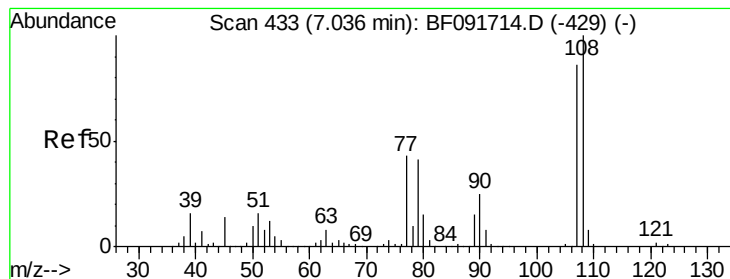
Tot Ion: 79 Resp: 872935
Ion Ratio Lower Upper
79 100
108 76.1 61.4 92.0
77 63.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.06 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Tgt Ion: 45 Resp: 1678996
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.6
79 11.2 0.0 31.2





#17

2-Methylphenol

Concen: 40.93 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 917768

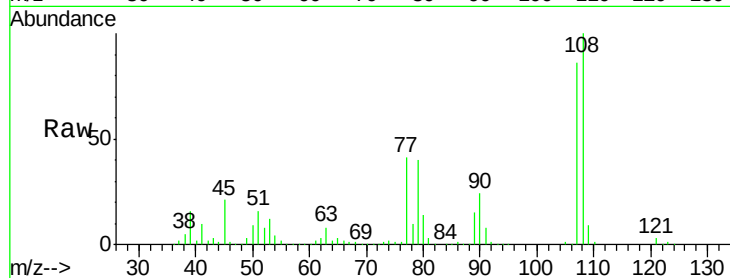
Ion Ratio Lower Upper

107 100

108 117.0 93.0 139.6

77 48.5 39.8 59.8

79 46.5 38.0 57.0

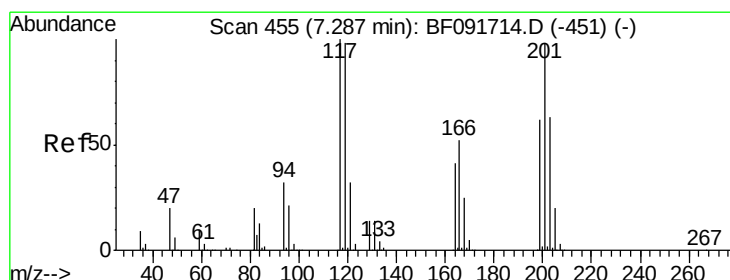
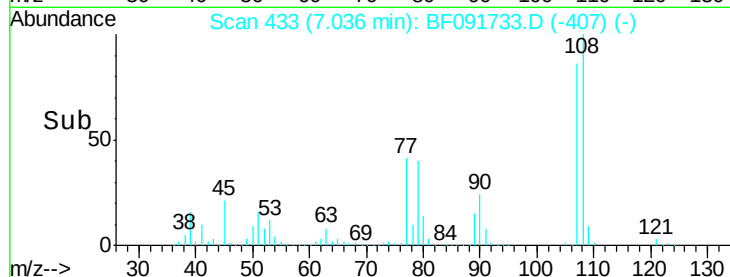
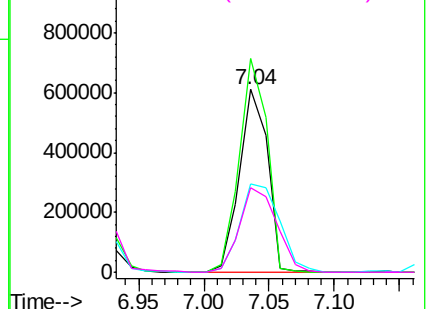


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.59 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

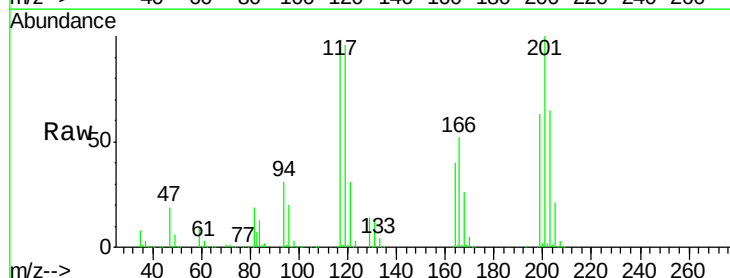
Tgt Ion:117 Resp: 460676

Ion Ratio Lower Upper

117 100

119 98.0 78.1 117.1

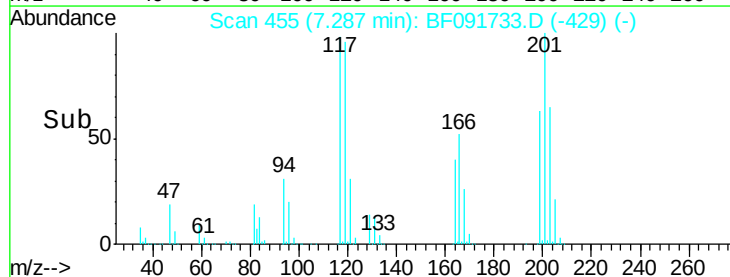
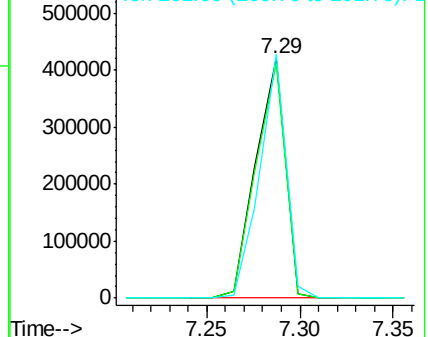
201 101.8 78.6 117.8

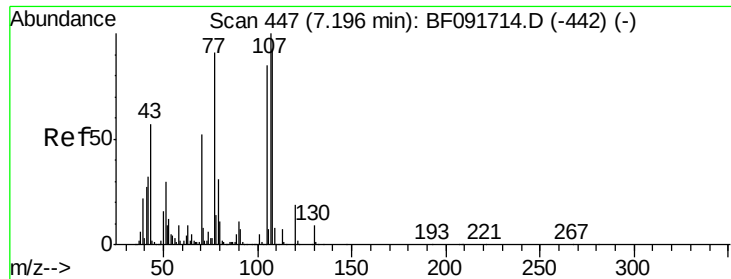


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

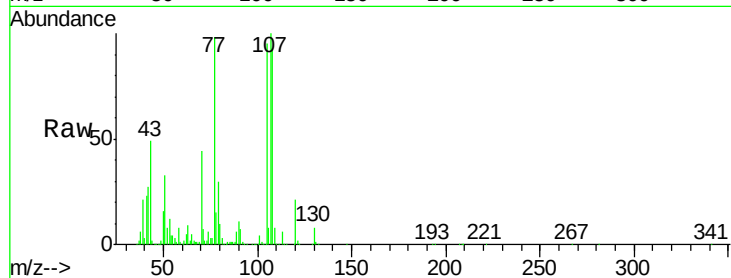




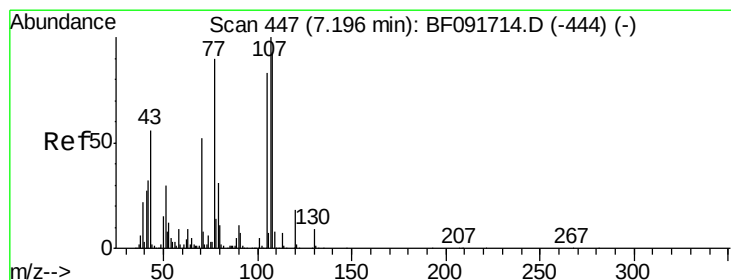
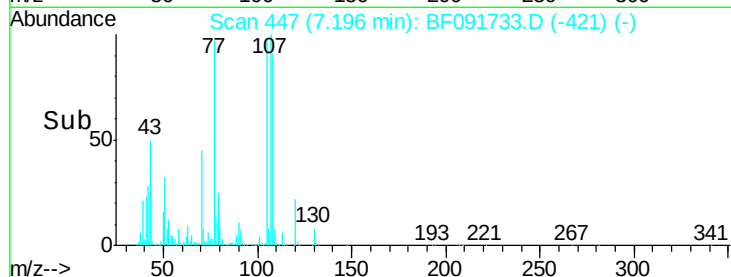
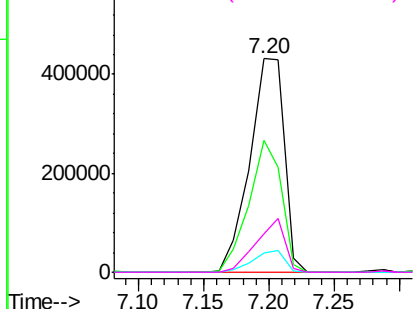
#19
n-Nitroso-di-n-propylamine
Concen: 40.46 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 800095
Ion Ratio Lower Upper
70 100
42 61.8 49.4 74.0
101 8.9 7.4 11.2
130 17.9 14.2 21.4



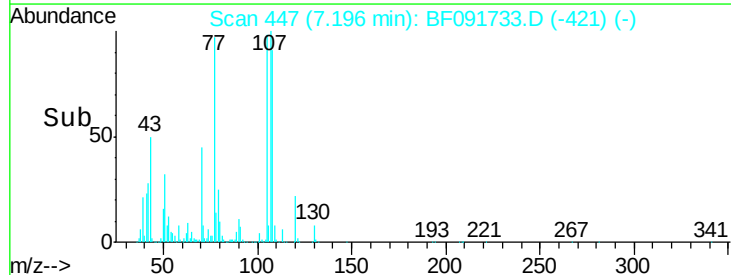
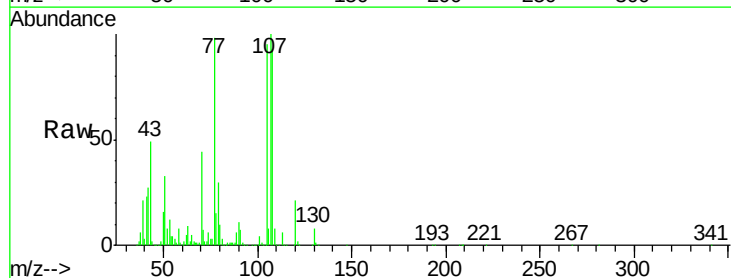
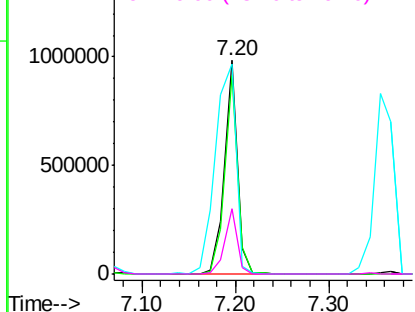
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

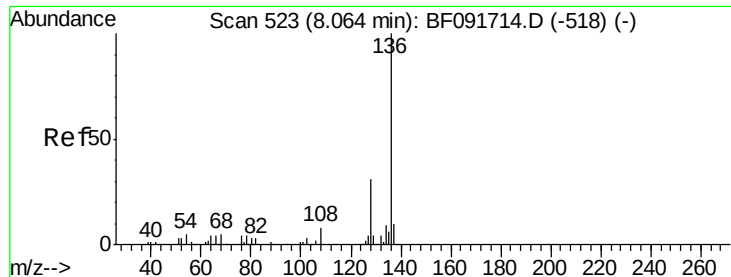


#20
3+4-Methylphenols
Concen: 37.73 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Tgt Ion: 107 Resp: 943817
Ion Ratio Lower Upper
107 100
108 92.9 73.0 113.0
77 98.1 71.3 111.3
79 30.4 11.1 51.1

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

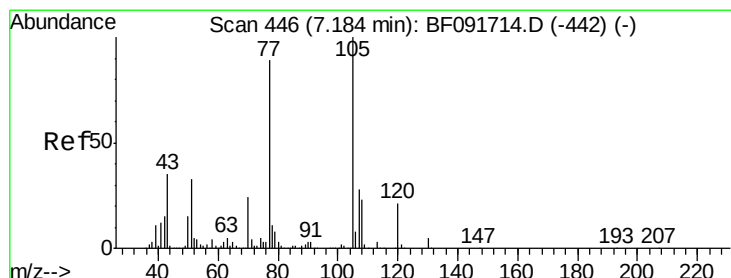
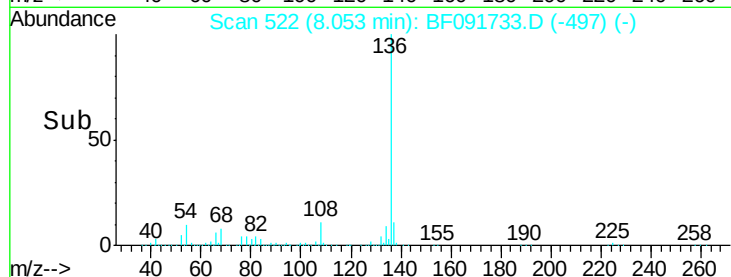
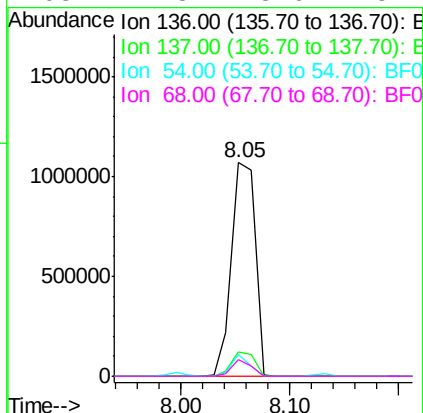
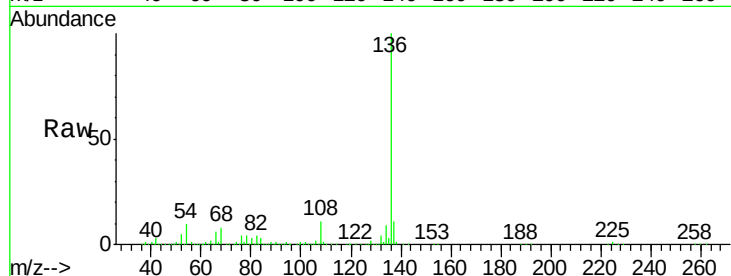




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

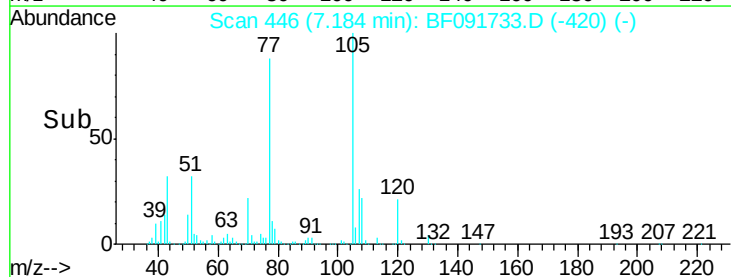
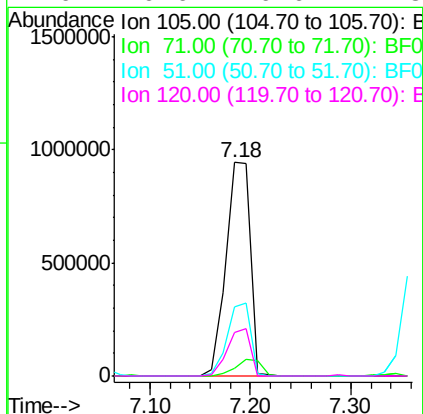
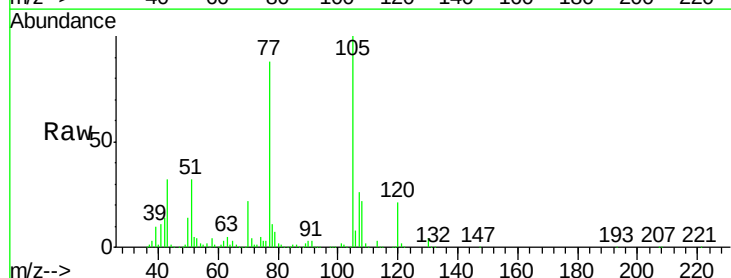
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

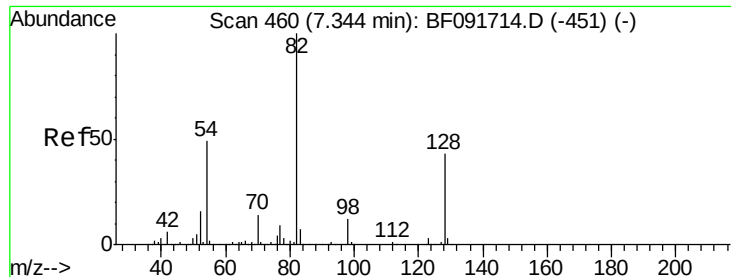
Tot Ion:136	Resp: 1602234
Ion Ratio	Lower Upper
136 100	
137 11.4	8.4 12.6
54 10.0	4.5 6.7#
68 7.8	3.6 5.4#



#22
Acetophenone
Concen: 40.71 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Tgt	Ion:105	Resp:	1575088
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.2	4.8
51	32.2	26.2	39.4
120	20.6	16.6	24.8



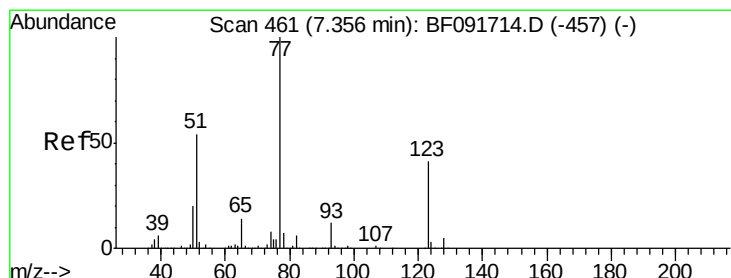
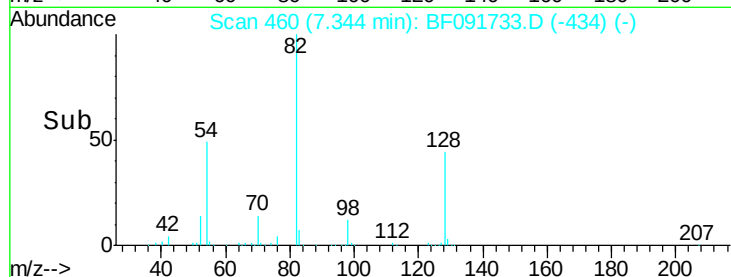
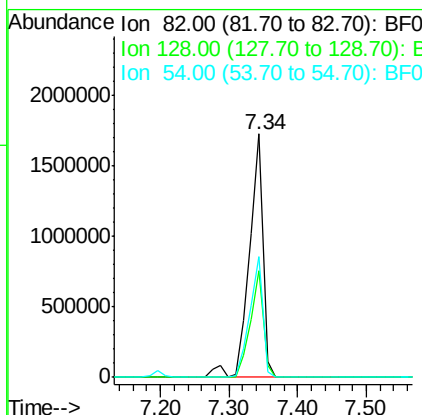
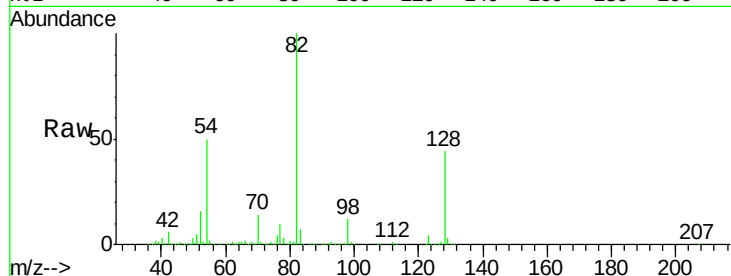


#23
 Nitrobenzene-d5
 Concen: 84.67 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 2352348

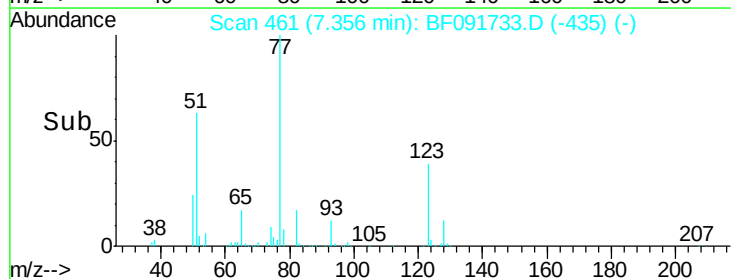
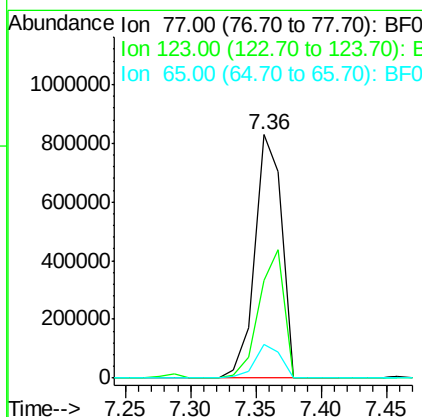
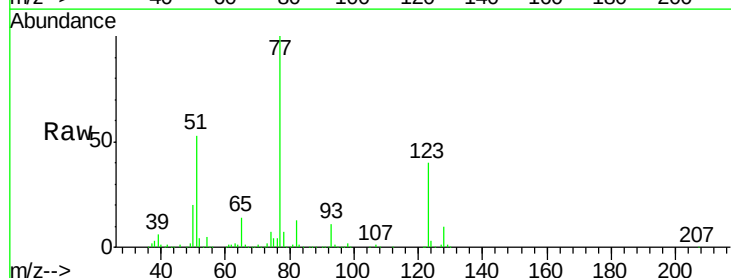
Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	49.6	39.5	59.3

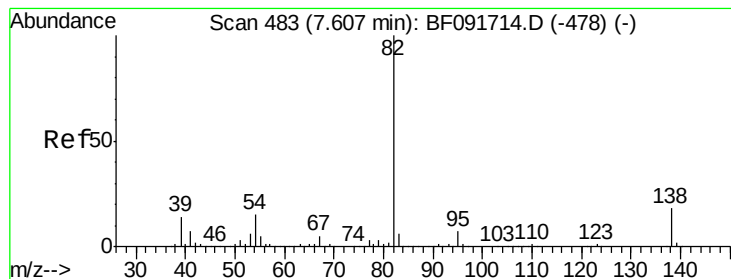


#24
 Nitrobenzene
 Concen: 39.80 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Tgt Ion: 77 Resp: 1187614

Ion	Ratio	Lower	Upper
77	100		
123	40.4	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 42.28 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

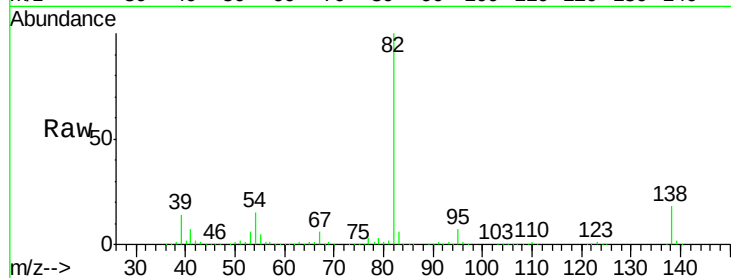
Tot Ion: 82 Resp: 2241494

Ion Ratio Lower Upper

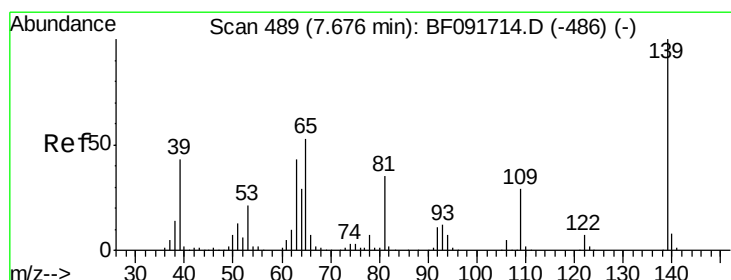
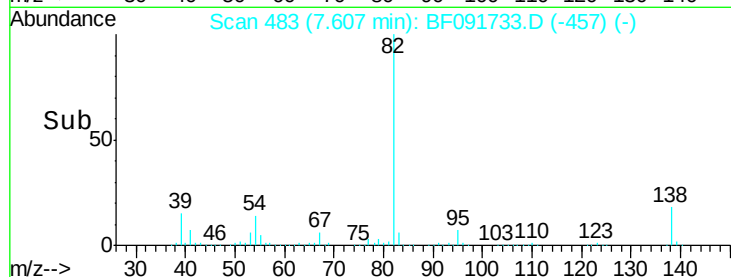
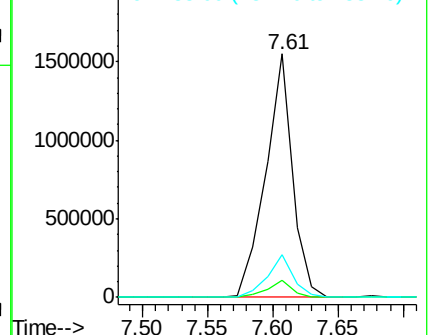
82 100

95 6.9 5.6 8.4

138 17.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.78 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

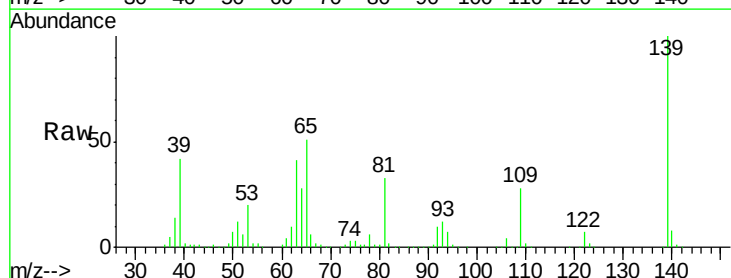
Tgt Ion: 139 Resp: 630055

Ion Ratio Lower Upper

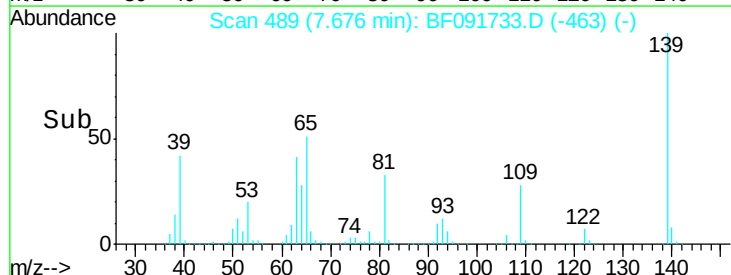
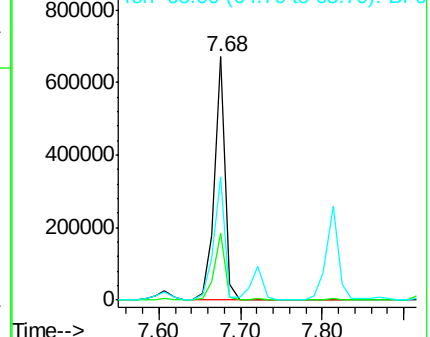
139 100

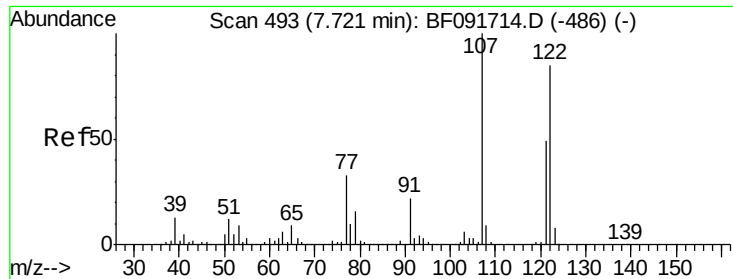
109 27.6 23.3 34.9

65 50.6 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: 41.70 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

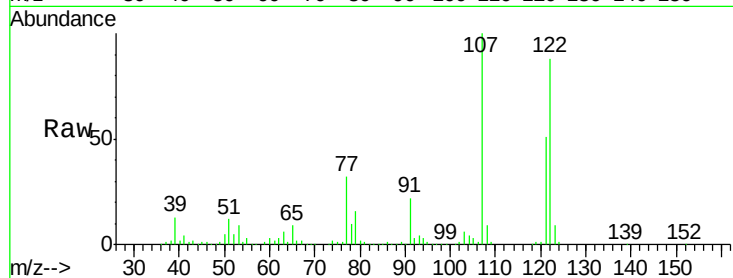
Tot Ion:122 Resp: 979222

Ion Ratio Lower Upper

122 100

107 113.2 94.1 141.1

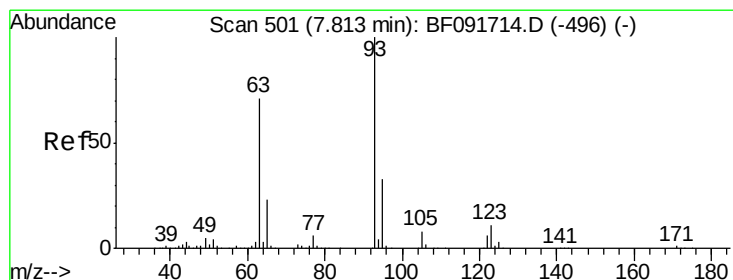
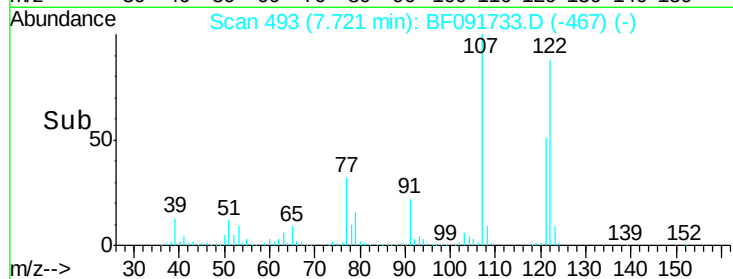
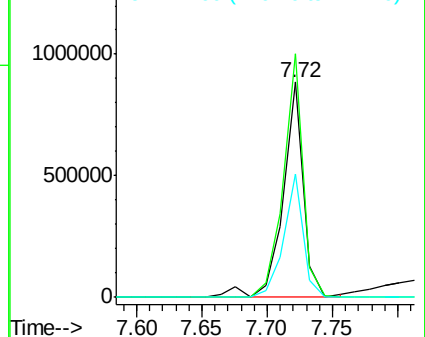
121 57.4 46.0 69.0



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: 39.85 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

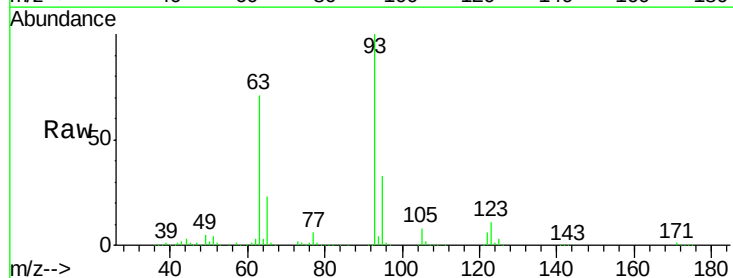
Tgt Ion: 93 Resp: 1235903

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

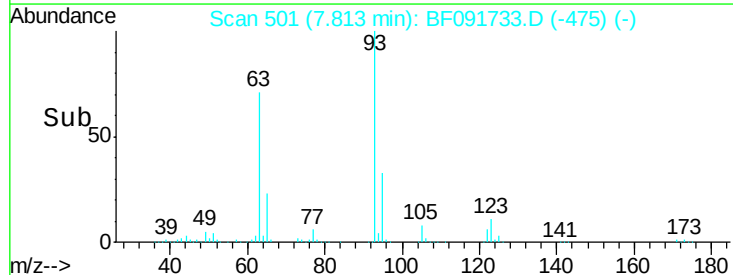
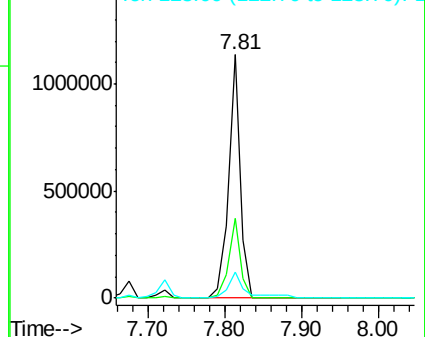
123 10.8 8.6 13.0

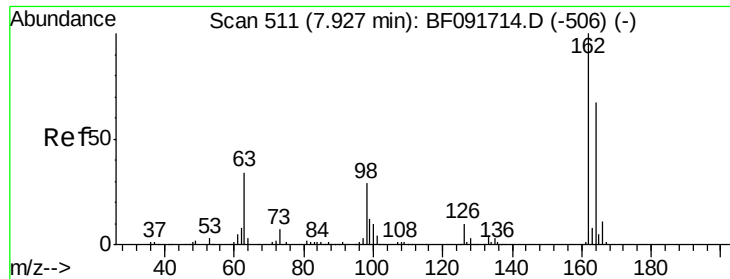


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.33 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

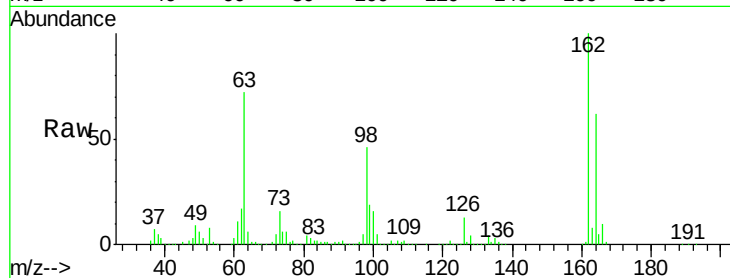
Tot Ion:162 Resp: 894996

Ion Ratio Lower Upper

162 100

164 62.3 46.8 86.8

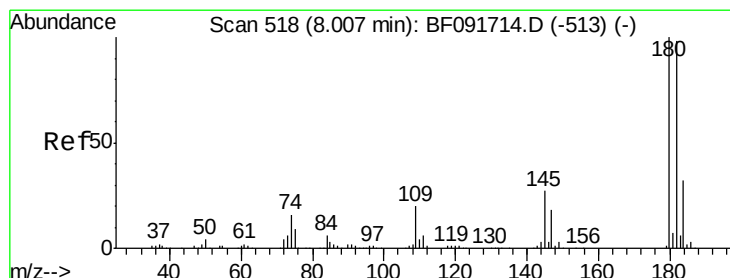
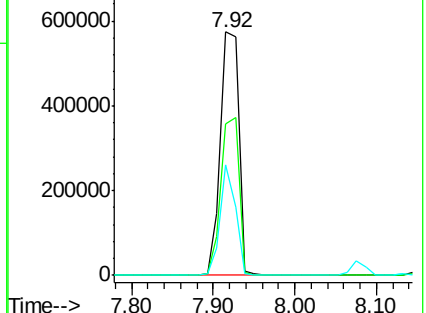
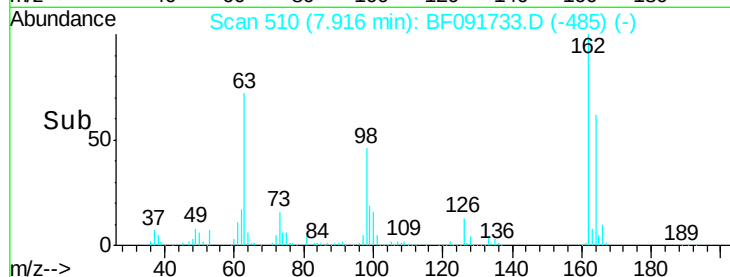
98 45.5 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.92 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

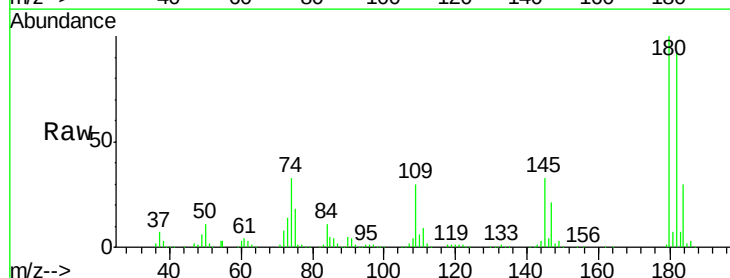
Tgt Ion:180 Resp: 983846

Ion Ratio Lower Upper

180 100

182 92.8 78.2 117.4

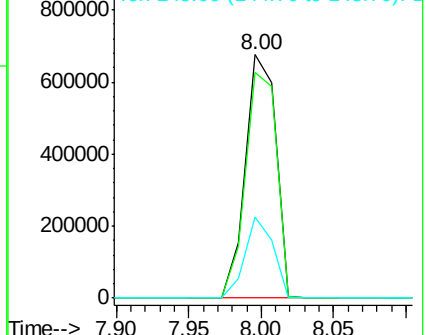
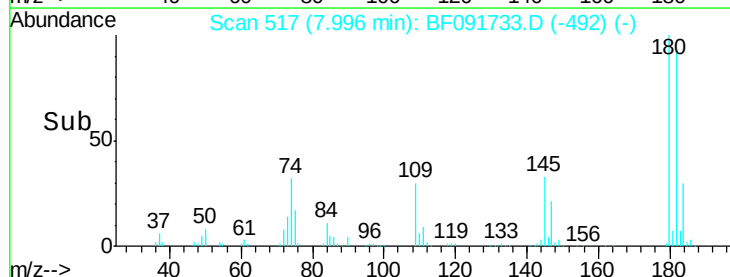
145 33.2 21.6 32.4#

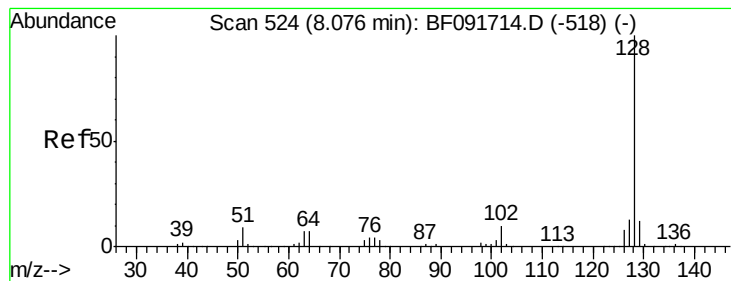


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.82 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

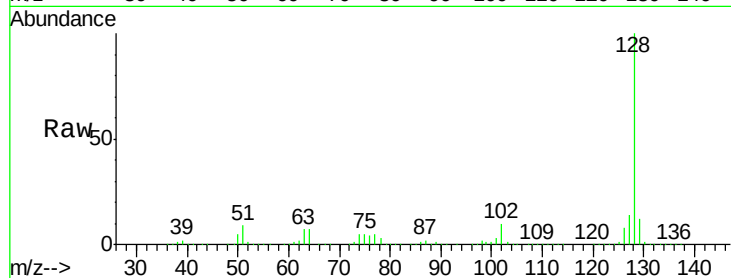
Tot Ion:128 Resp: 2971276

Ion Ratio Lower Upper

128 100

129 12.2 9.5 14.3

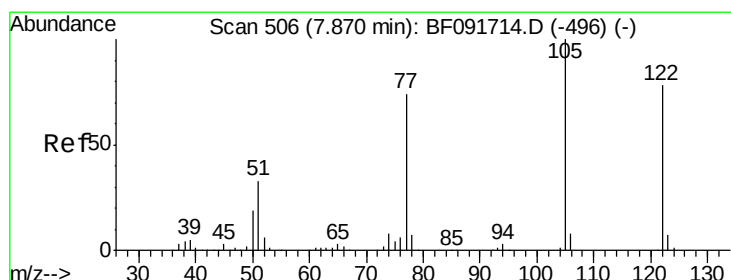
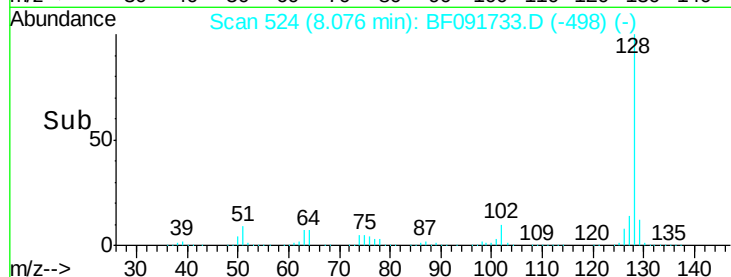
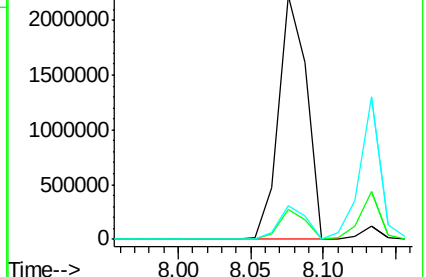
127 13.7 10.8 16.2



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: 47.56 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

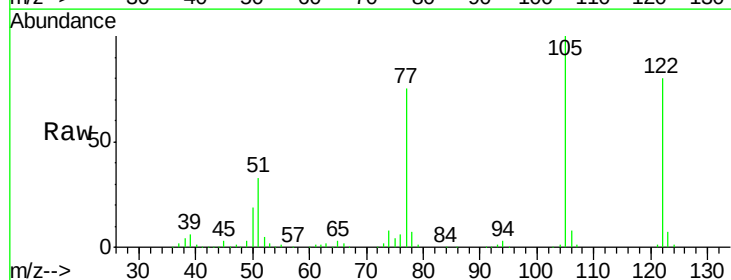
Tgt Ion:122 Resp: 795866

Ion Ratio Lower Upper

122 100

105 125.8 107.2 147.2

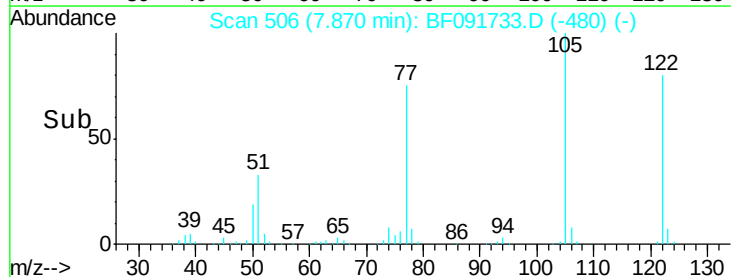
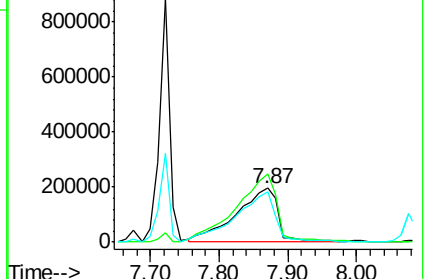
77 94.6 74.5 114.5

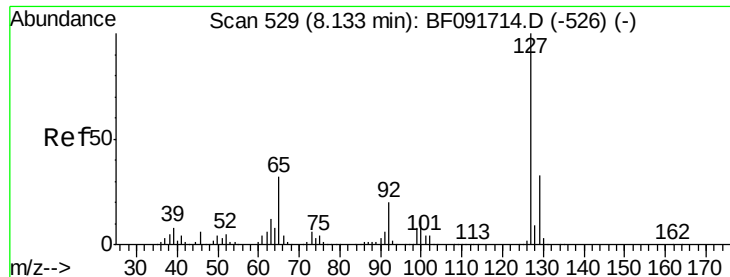


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

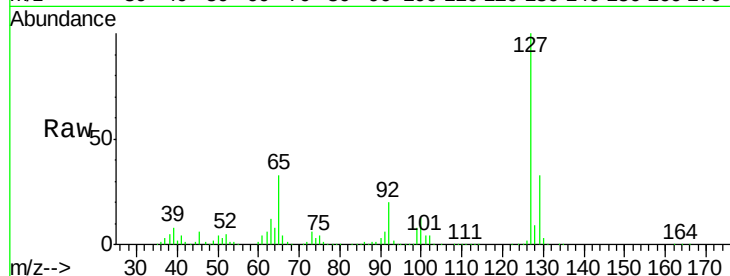




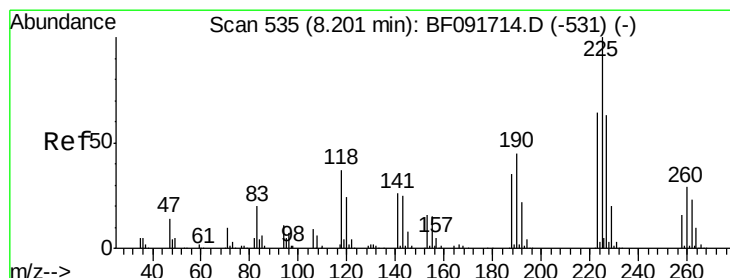
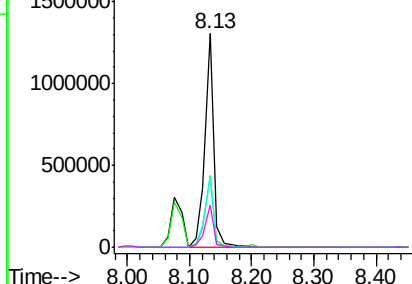
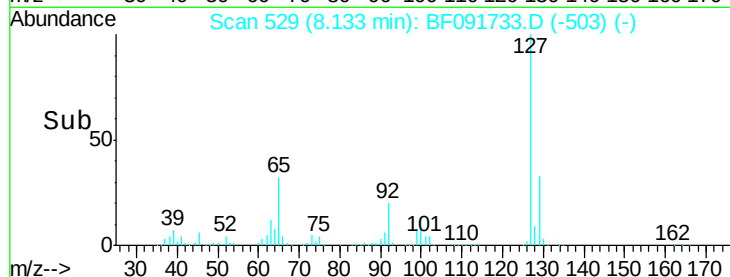
#33
4-Chloroaniline
Concen: 40.90 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	1318883
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	32.8	25.8	38.8
92	19.8	16.1	24.1

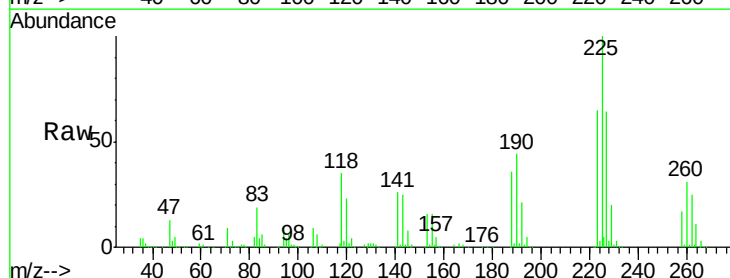


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

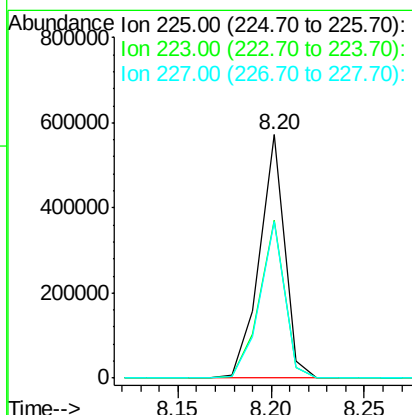
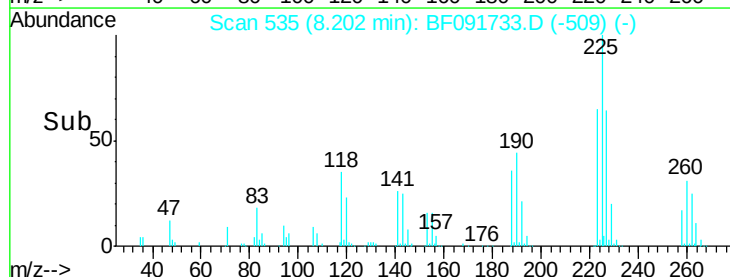


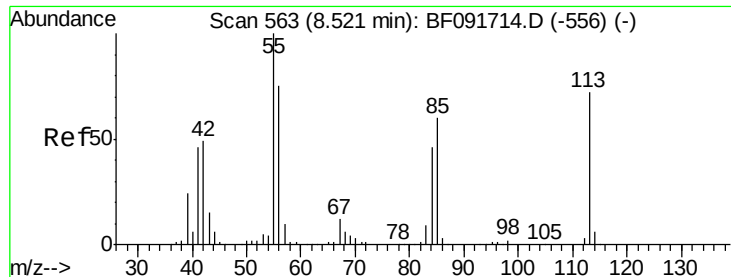
#34
Hexachlorobutadiene
Concen: 40.47 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Tgt Ion:	225	Resp:	534065
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.0	76.6
227	64.3	50.6	76.0



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





#35

Caprolactam

Concen: 40.06 ng

RT: 8.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

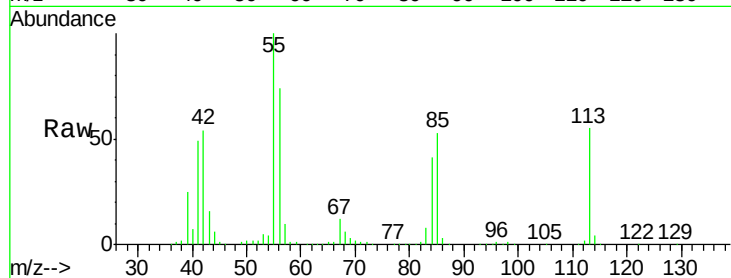
Tot Ion:113 Resp: 279127

Ion Ratio Lower Upper

113 100

55 181.4 119.2 159.2#

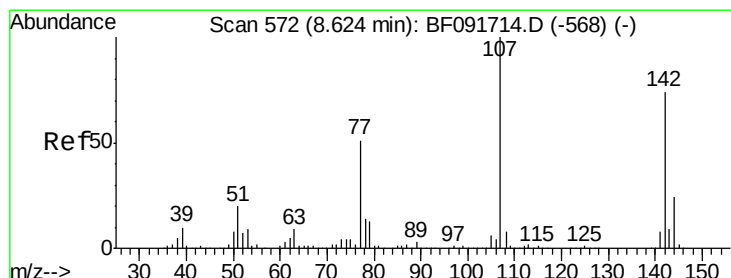
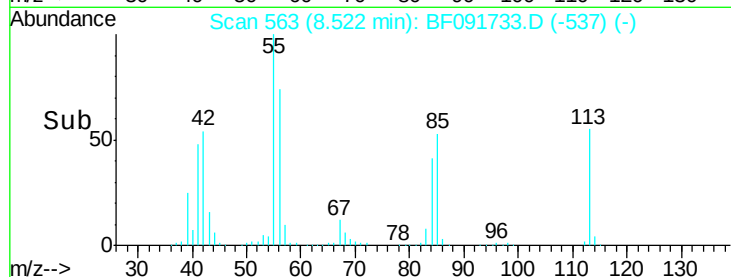
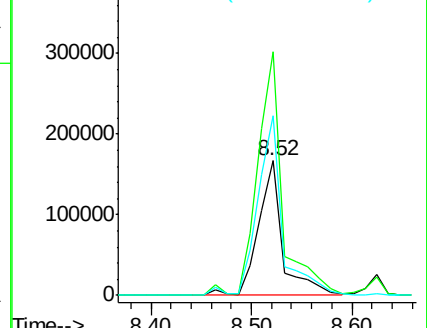
56 134.3 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.82 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

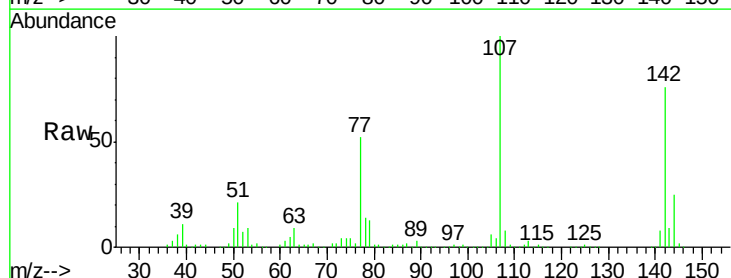
Tgt Ion:107 Resp: 975100

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

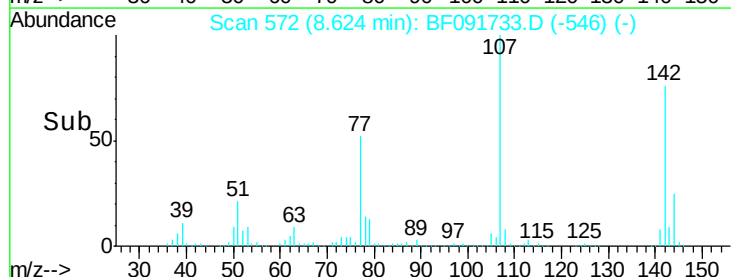
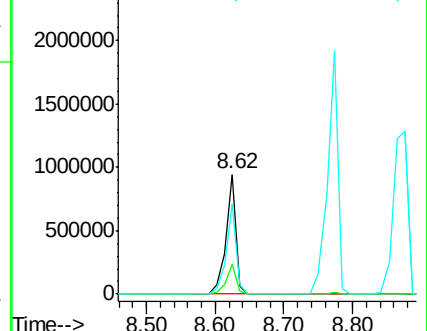
142 75.5 59.0 88.6

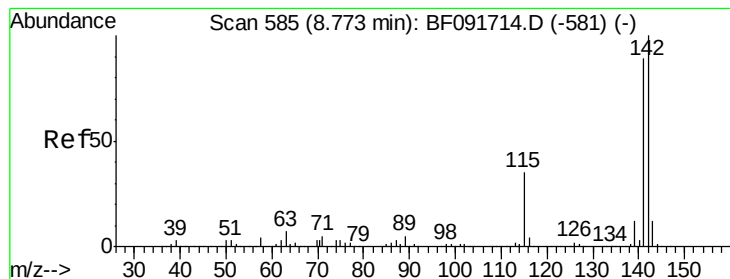


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.26 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

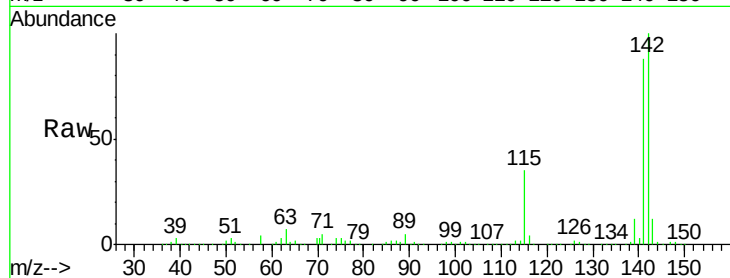
Tot Ion:142 Resp: 1990980

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6

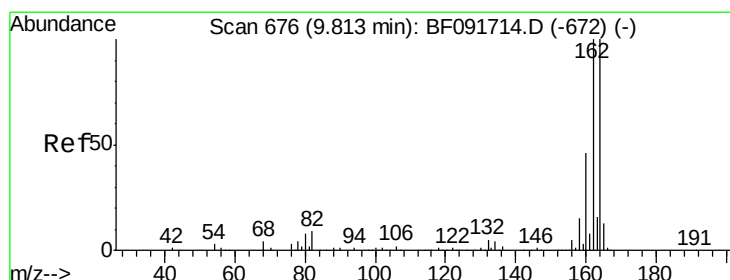
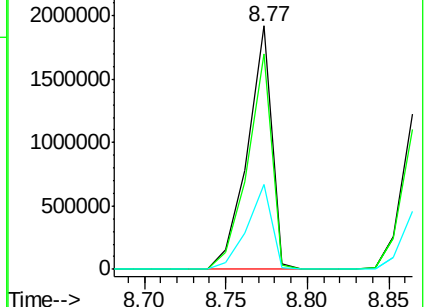
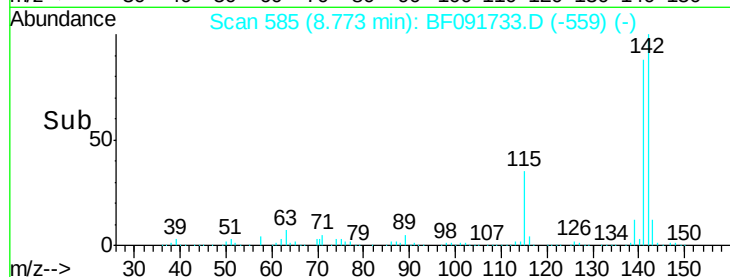
115 34.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

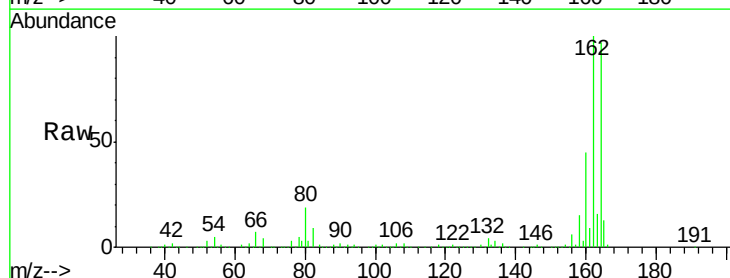
Tgt Ion:164 Resp: 792076

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

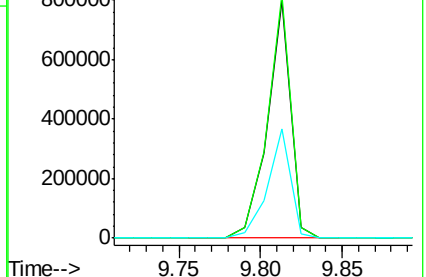
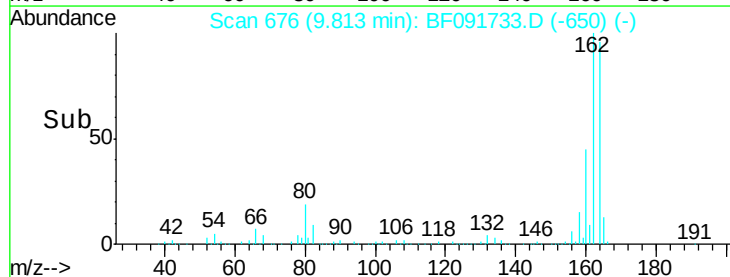
160 45.8 36.9 55.3

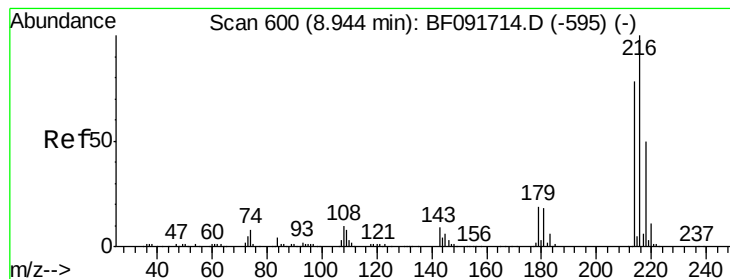


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.40 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 837158

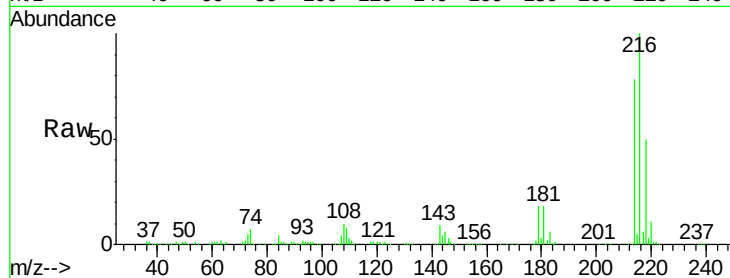
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 21.7 17.4 26.2

108 19.8 15.6 23.4

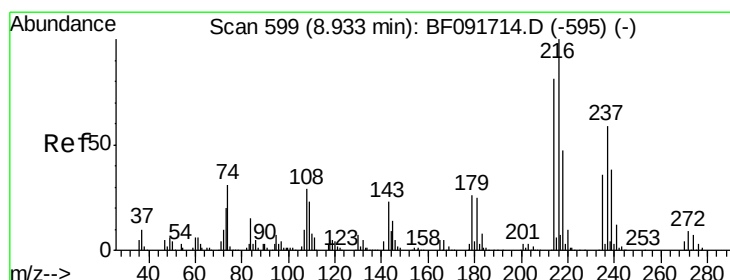
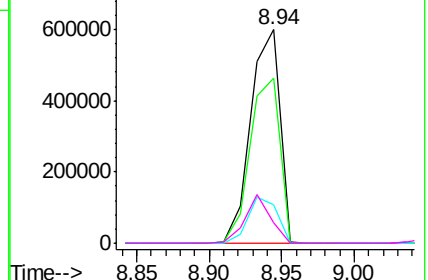
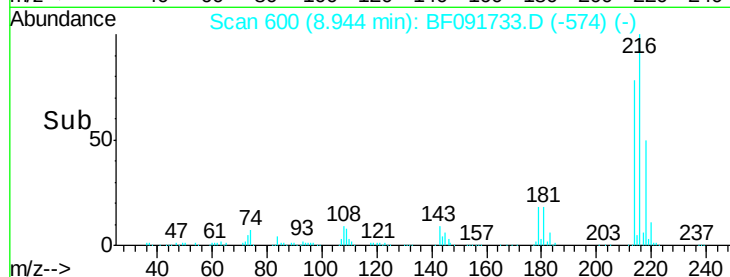


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.28 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

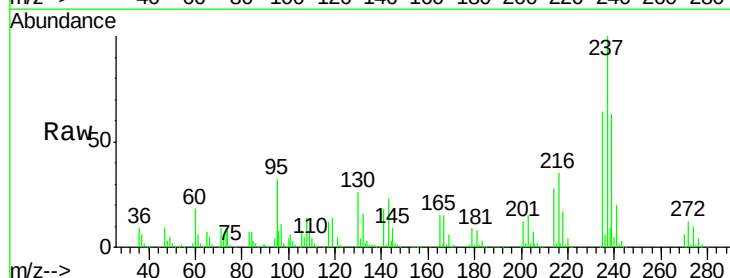
Tgt Ion:237 Resp: 395651

Ion Ratio Lower Upper

237 100

235 64.1 41.2 81.2

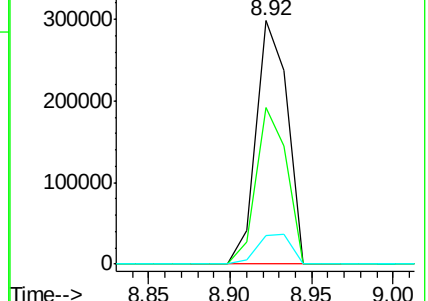
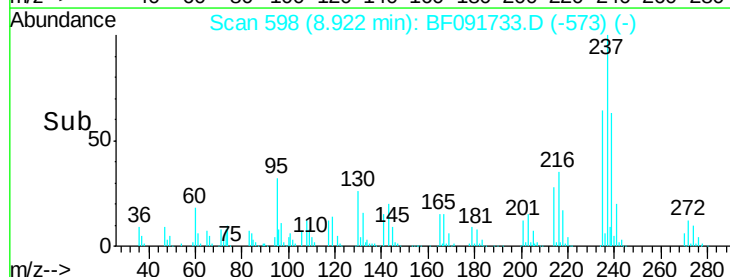
272 11.8 0.0 35.4

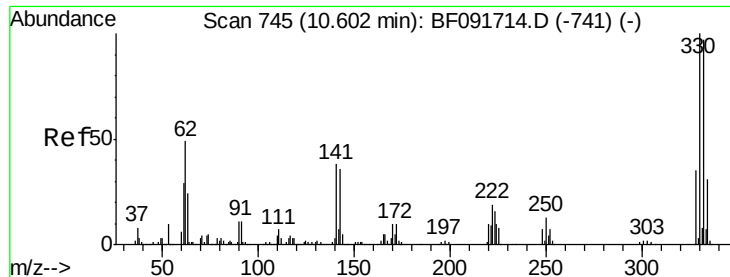


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

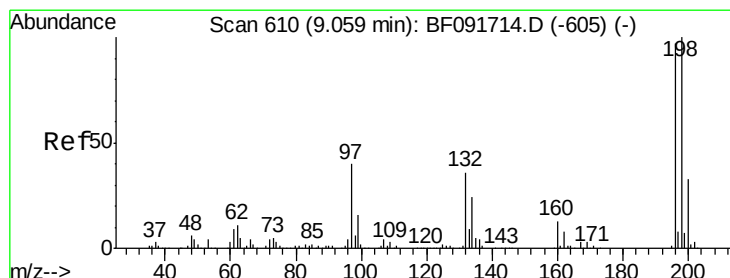
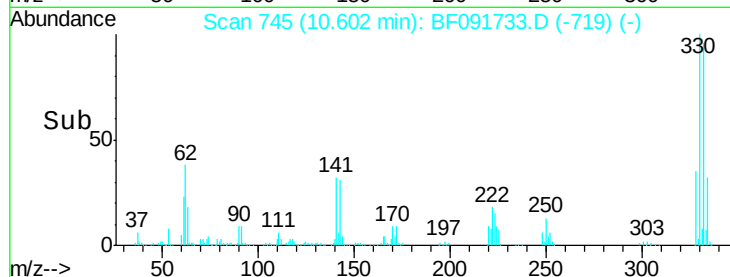
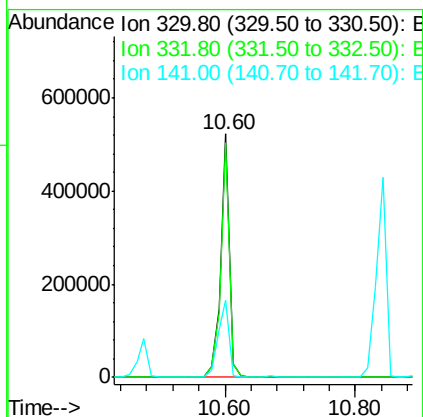
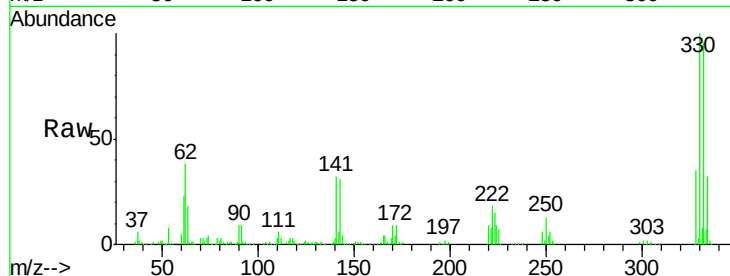




#41
 2,4,6-Tribromophenol
 Concen: 74.93 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

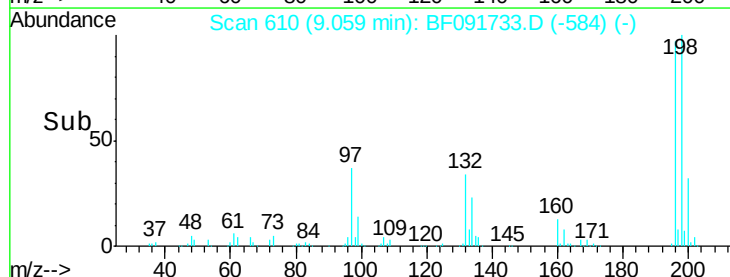
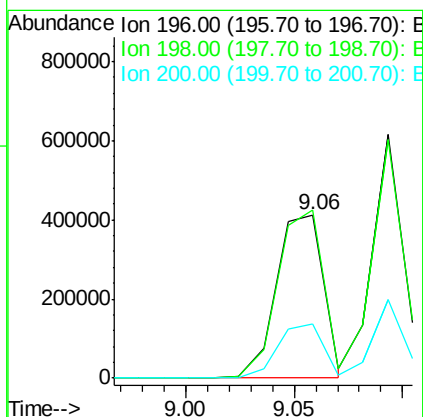
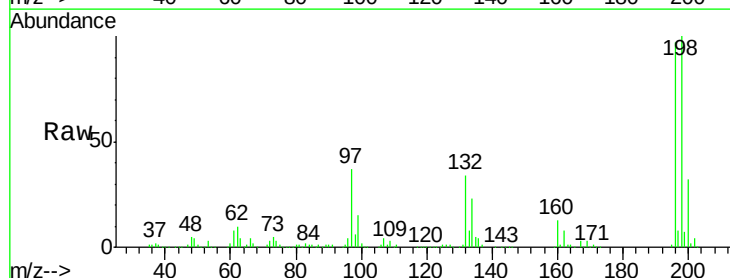
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

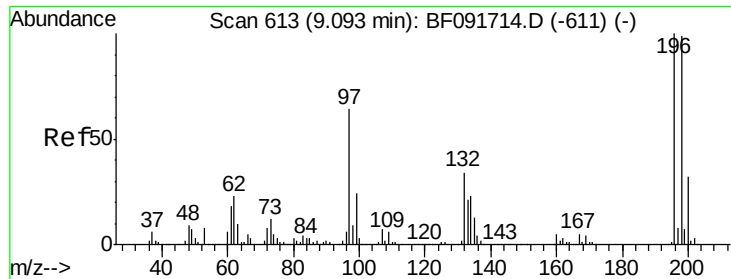
Tot Ion:330 Resp: 503233
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 39.4 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 44.24 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Tgt Ion:196 Resp: 624132
 Ion Ratio Lower Upper
 196 100
 198 103.2 82.1 123.1
 200 33.4 27.0 40.4

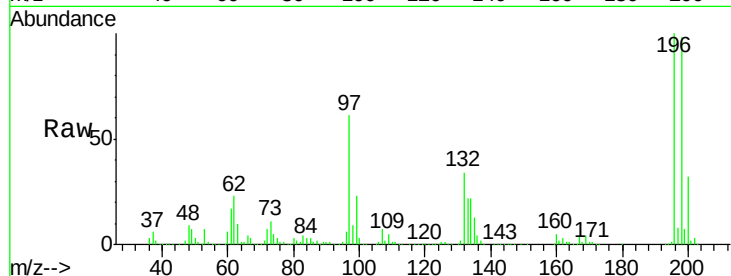




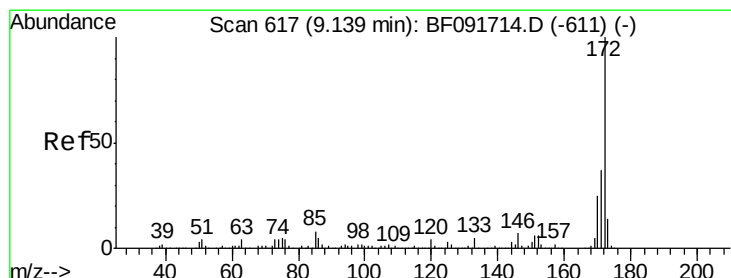
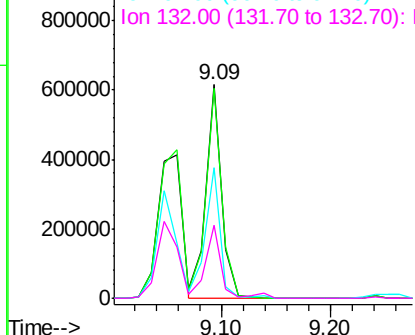
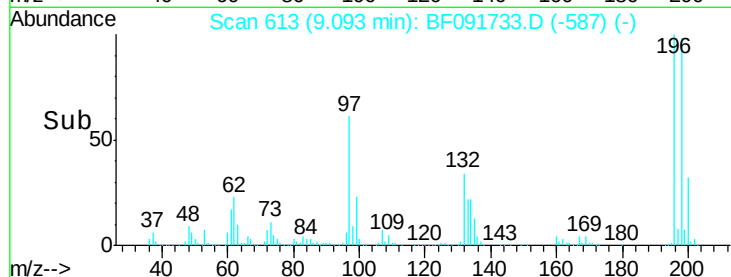
#43
 2,4,5-Trichlorophenol
 Concen: 44.77 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 620462
 Ion Ratio Lower Upper
 196 100
 198 98.1 79.4 119.2
 97 60.9 51.5 77.3
 132 33.9 27.4 41.2

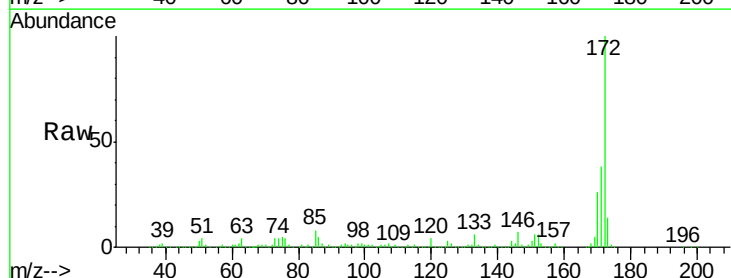


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

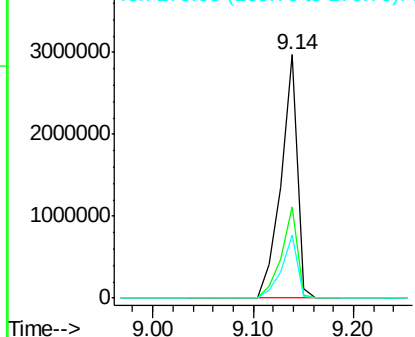
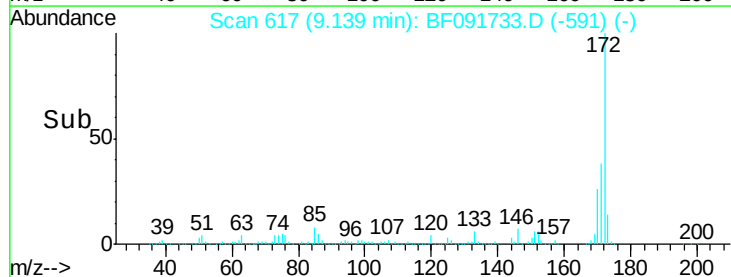


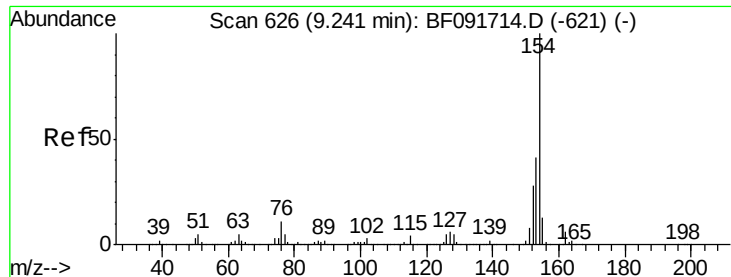
#44
 2-Fluorobiphenyl
 Concen: 84.67 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Tgt Ion:172 Resp: 3338314
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.4 44.0
 170 25.8 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

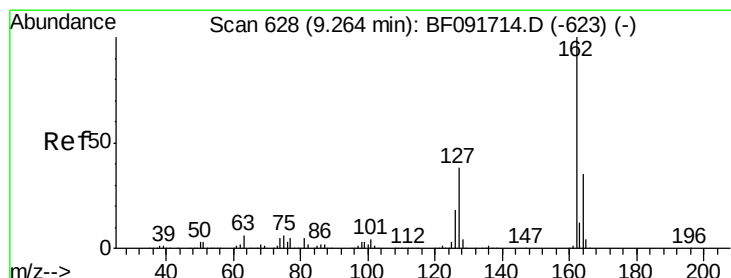
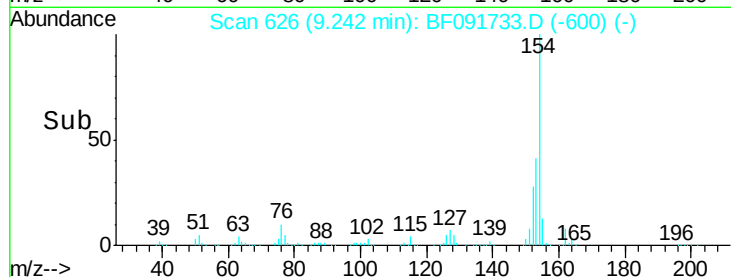
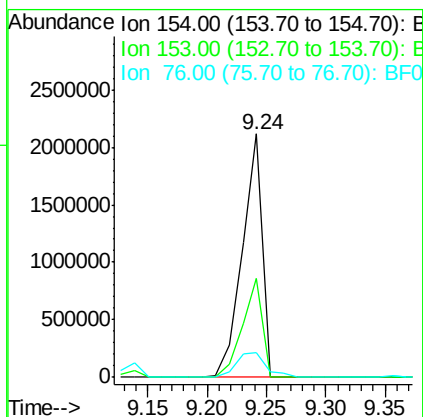
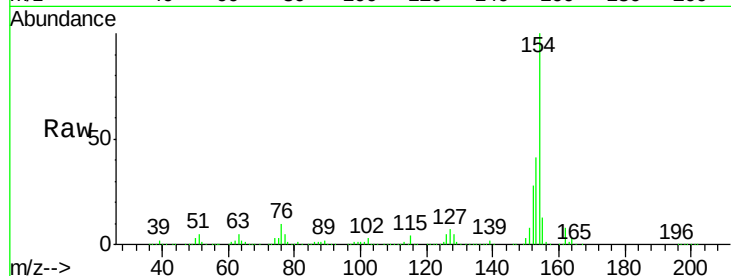




#45
 1,1'-Biphenyl
 Concen: 43.51 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

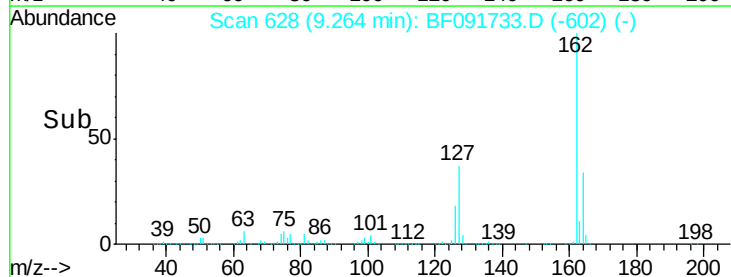
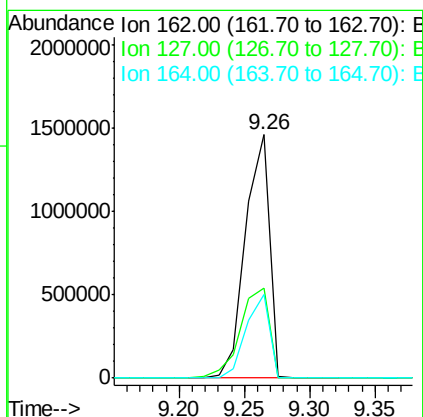
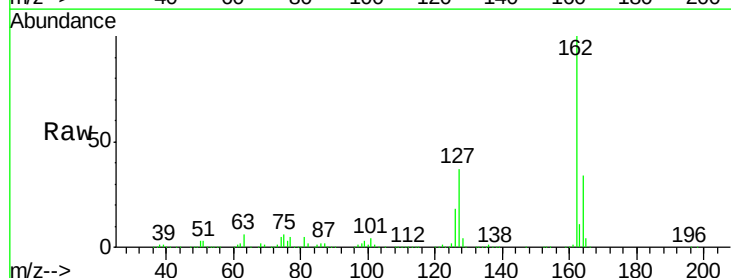
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

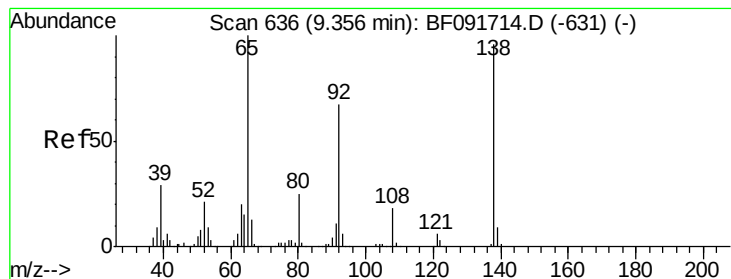
Tot Ion:154 Resp: 2470125
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 10.4 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 43.98 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Tgt Ion:162 Resp: 1866056
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.7 46.1
 164 34.3 27.6 41.4





#47

2-Nitroaniline

Concen: 41.65 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

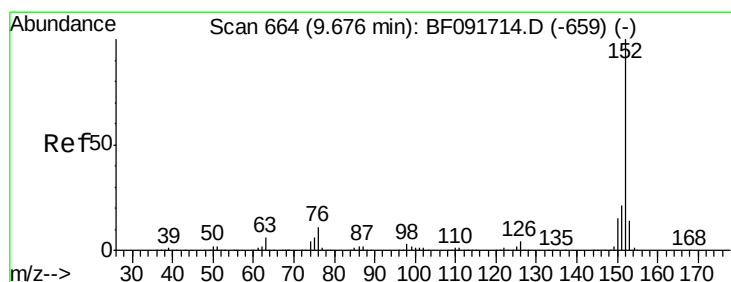
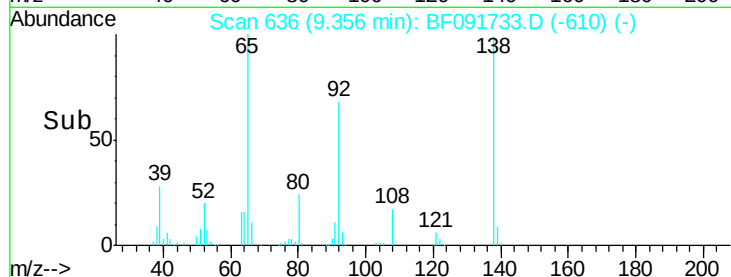
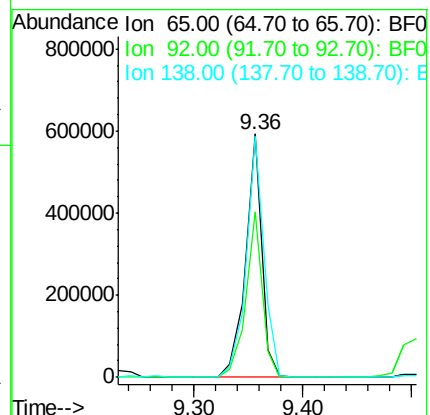
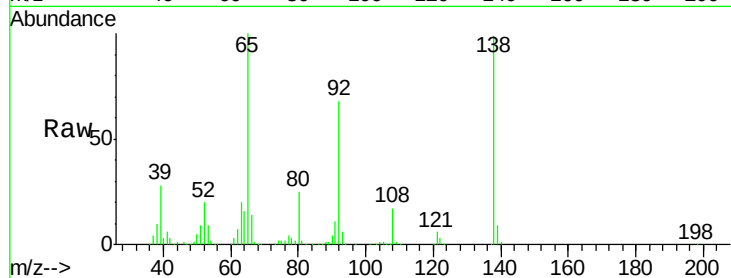
Tot Ion: 65 Resp: 603340

Ion Ratio Lower Upper

65 100

92 68.1 53.9 80.9

138 99.1 76.8 115.2



#48

Acenaphthylene

Concen: 41.13 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

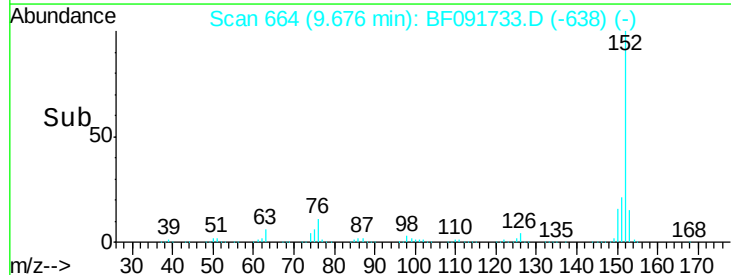
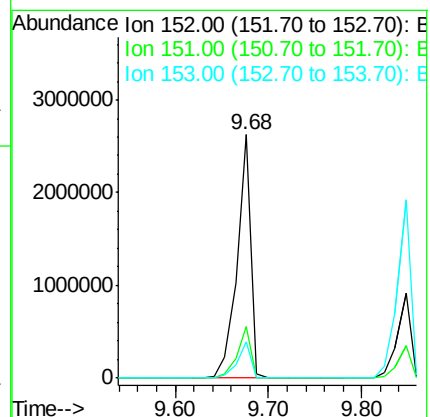
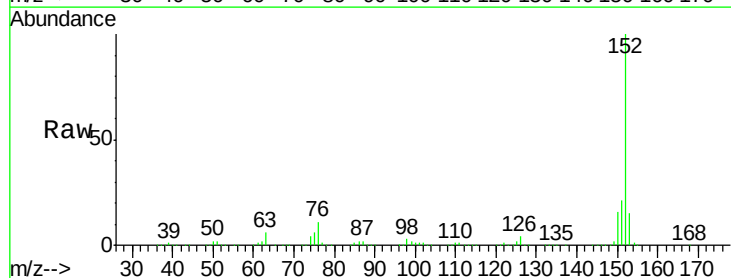
Tgt Ion: 152 Resp: 2703897

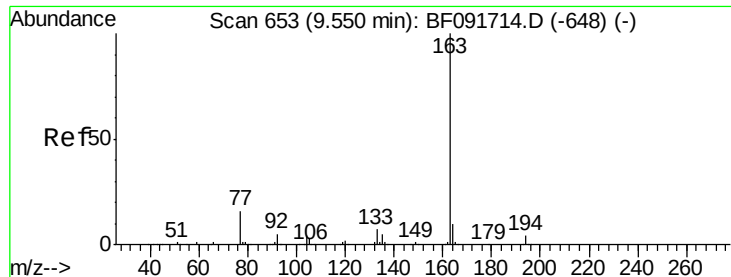
Ion Ratio Lower Upper

152 100

151 21.4 16.9 25.3

153 14.6 11.4 17.2

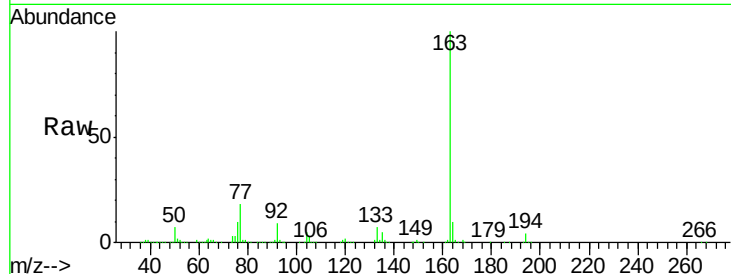




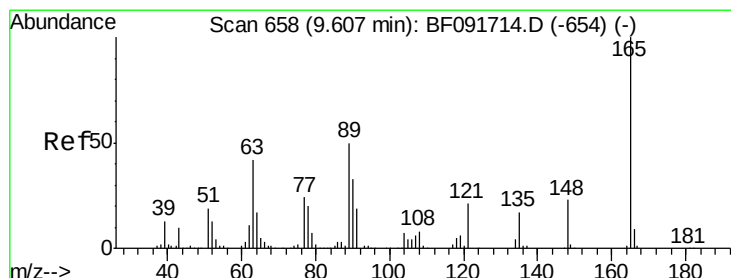
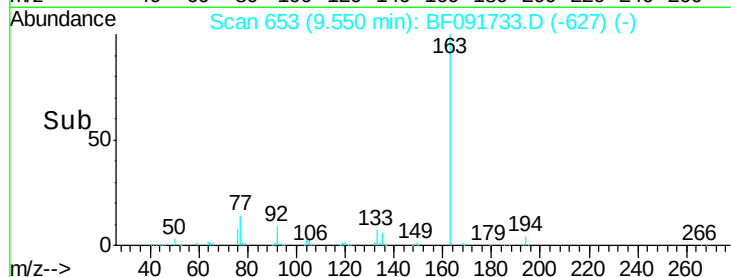
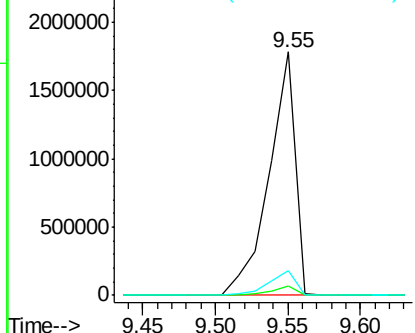
#49
Dimethylphthalate
Concen: 43.16 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 2232999
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.3 8.0 12.0

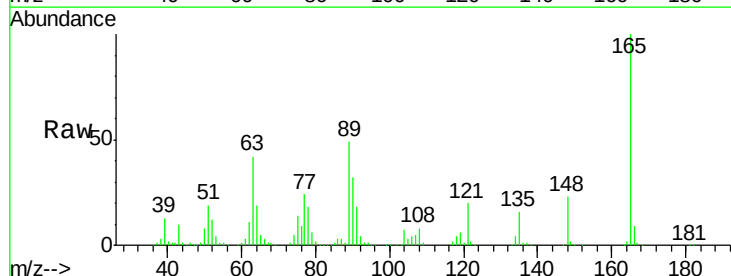


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

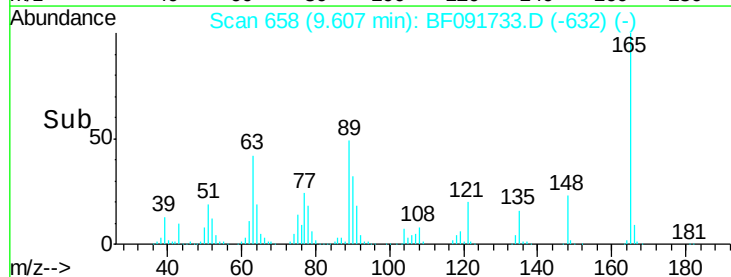
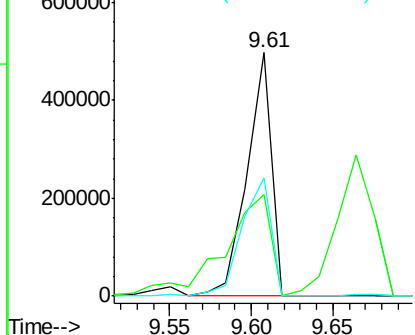


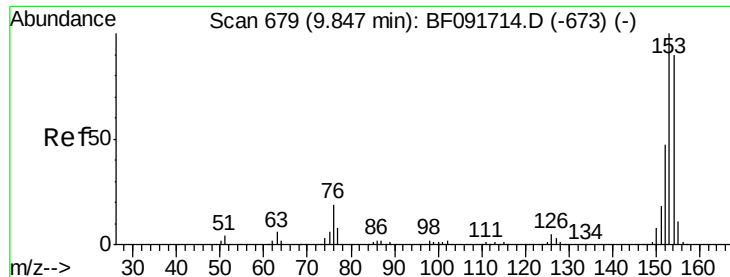
#50
2,6-Dinitrotoluene
Concen: 45.63 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Tgt Ion:165 Resp: 517584
Ion Ratio Lower Upper
165 100
63 41.9 36.2 54.4
89 48.5 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.40 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

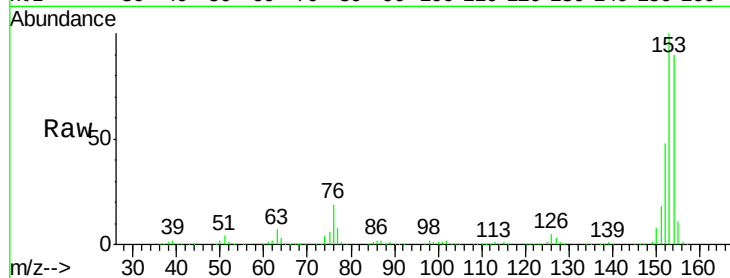
Tot Ion:154 Resp: 1867970

Ion Ratio Lower Upper

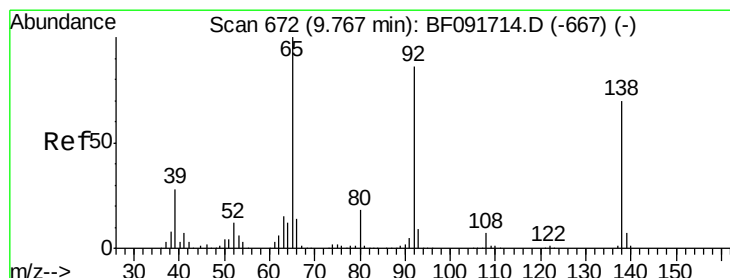
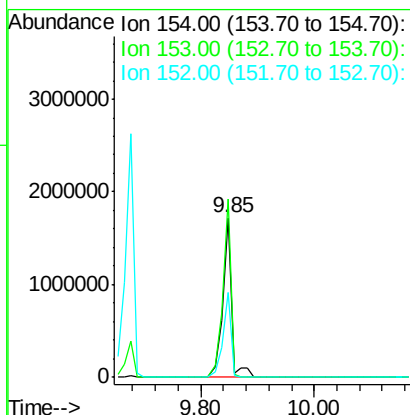
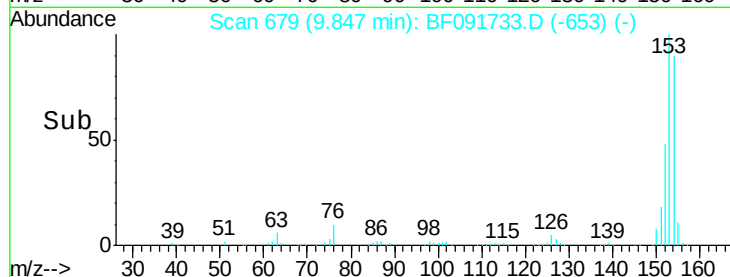
154 100

153 111.5 88.6 133.0

152 53.1 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: 39.73 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

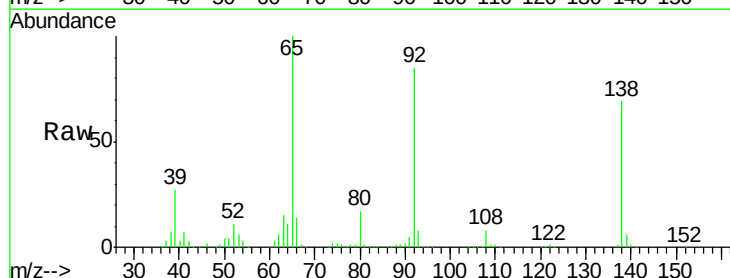
Tgt Ion:138 Resp: 561179

Ion Ratio Lower Upper

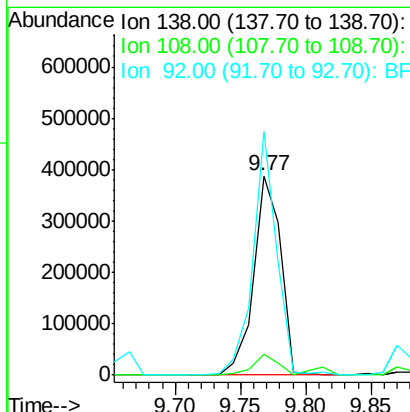
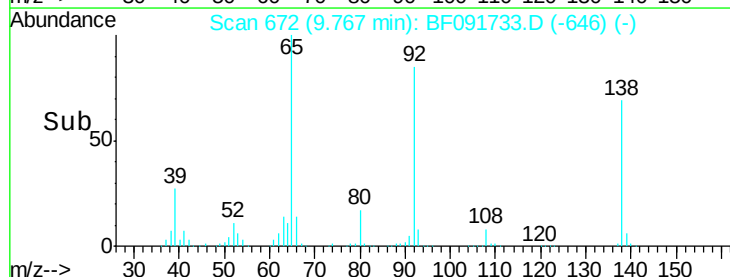
138 100

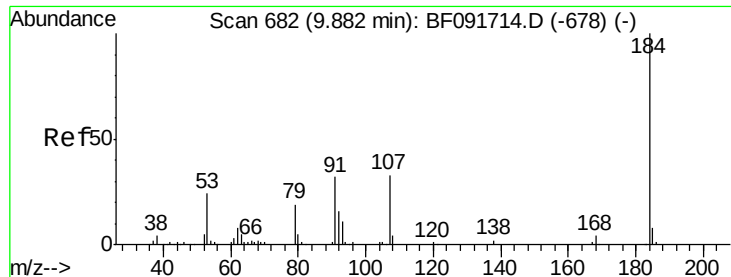
108 10.8 8.5 12.7

92 122.3 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

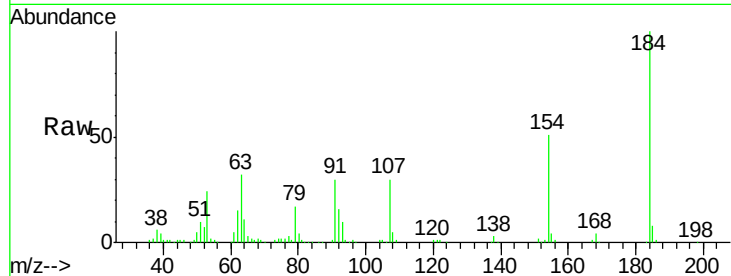




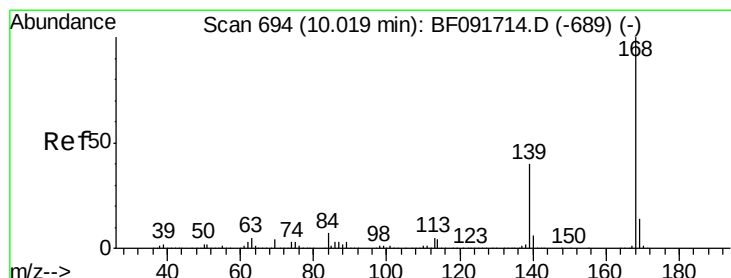
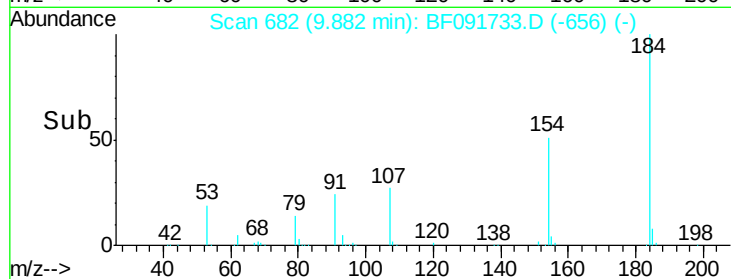
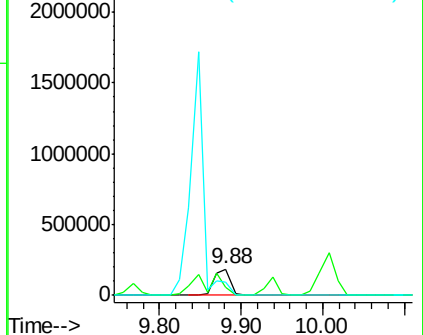
#53
2,4-Dinitrophenol
Concen: 43.55 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 266876
Ion Ratio Lower Upper
184 100
63 32.5 28.4 42.6
154 51.5 44.3 66.5

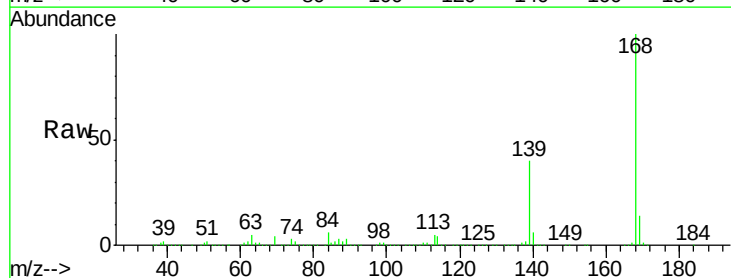


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

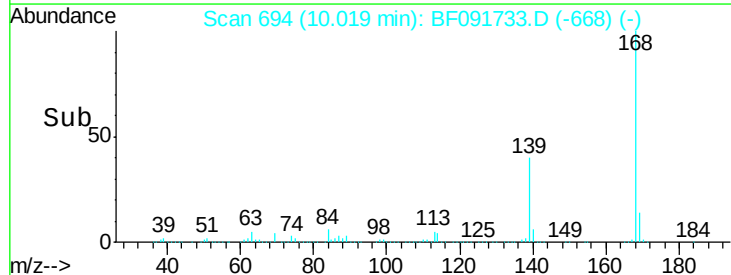
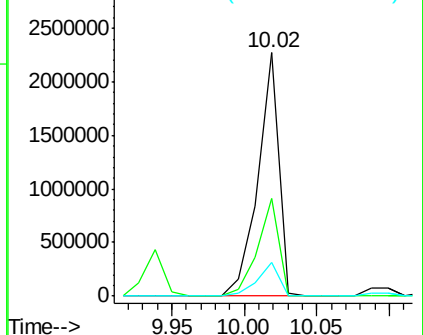


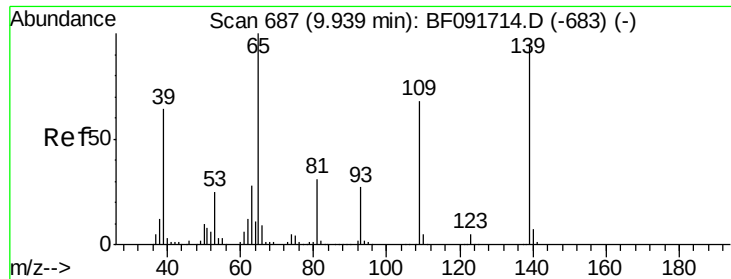
#54
Dibenzofuran
Concen: 42.39 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Tgt Ion:168 Resp: 2273929
Ion Ratio Lower Upper
168 100
139 40.0 32.6 49.0
169 13.9 11.3 16.9



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

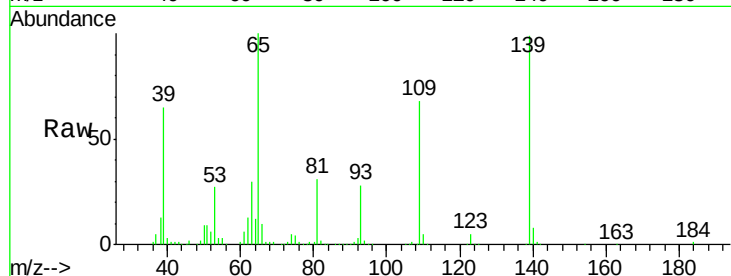




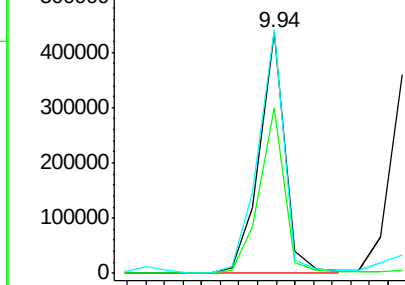
#55
4-Nitrophenol
Concen: 43.22 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

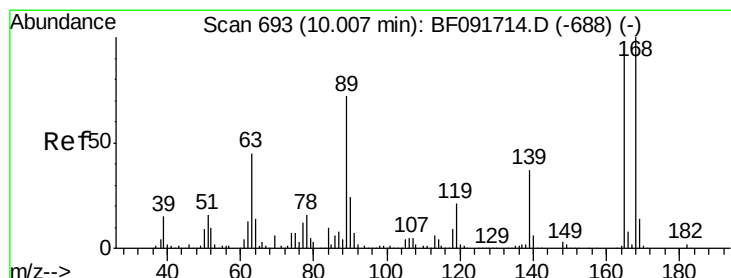
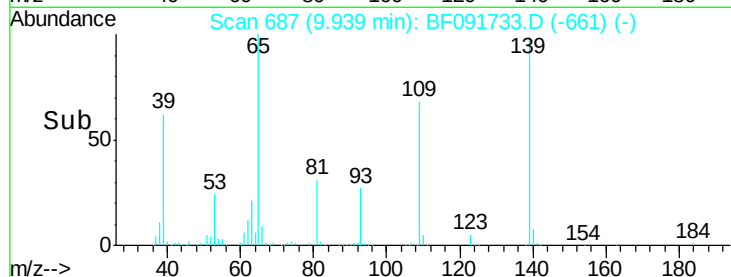
Tot Ion:139 Resp: 423925
Ion Ratio Lower Upper
139 100
109 68.6 52.2 92.2
65 101.2 85.8 125.8



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

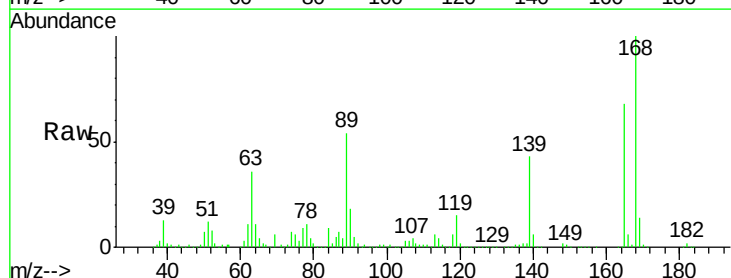


Time-->

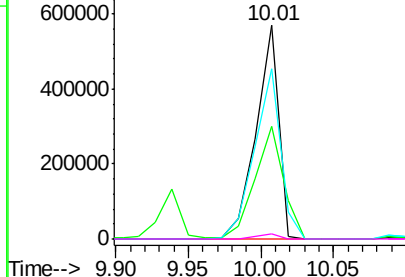


#56
2,4-Dinitrotoluene
Concen: 43.59 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

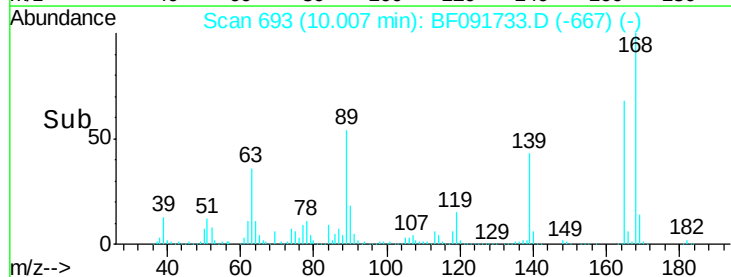
Tgt Ion:165 Resp: 617650
Ion Ratio Lower Upper
165 100
63 52.6 40.2 60.4
89 79.7 62.5 93.7
182 2.2 1.8 2.8

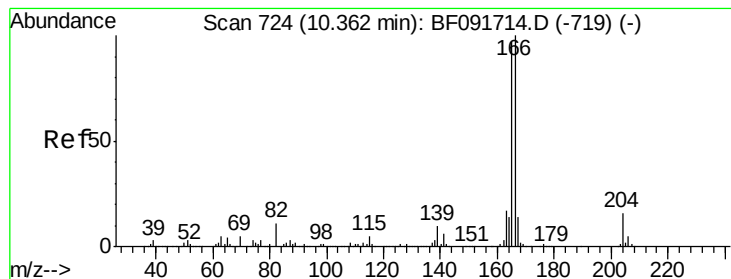


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



Time-->





#57

Fluorene

Concen: 42.54 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

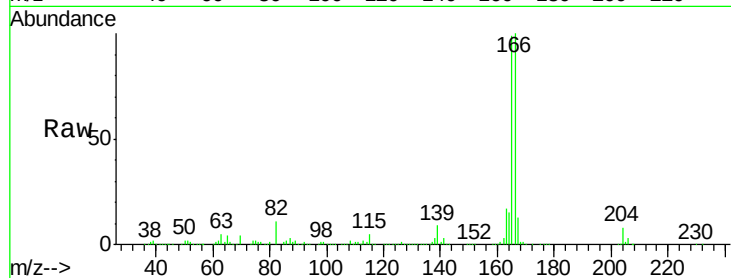
Tot Ion:166 Resp: 1772668

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

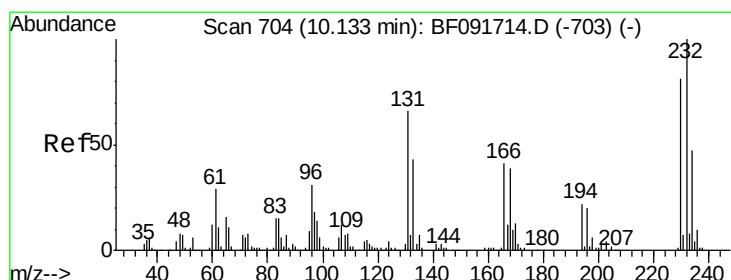
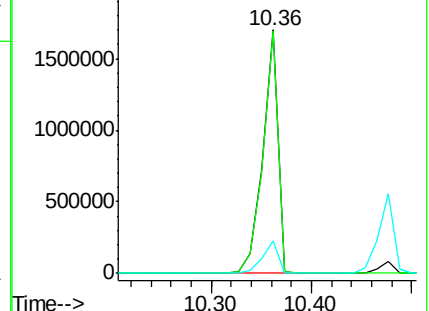
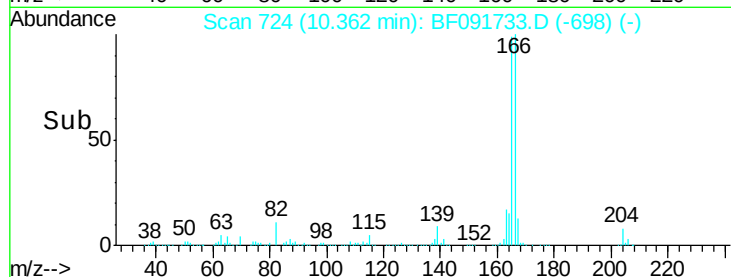
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.90 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Tgt Ion:232 Resp: 422792

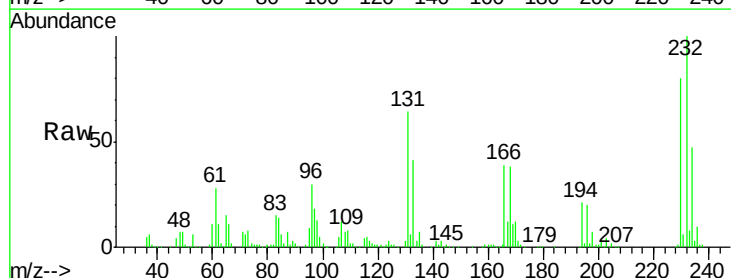
Ion Ratio Lower Upper

232 100

131 51.5 40.1 60.1

130 2.4 1.8 2.8

166 32.6 26.6 39.8

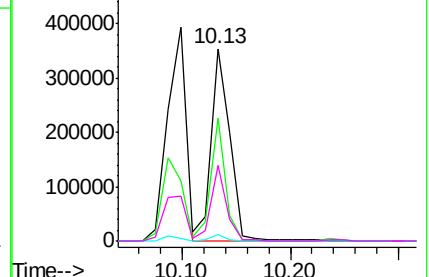
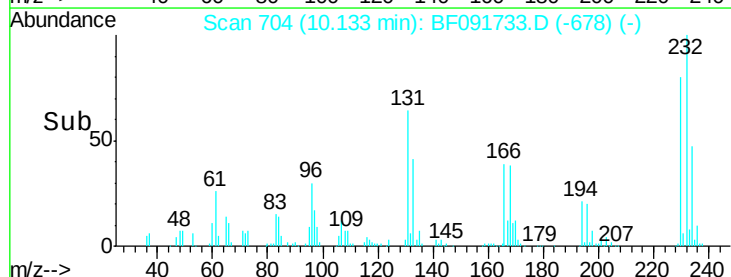


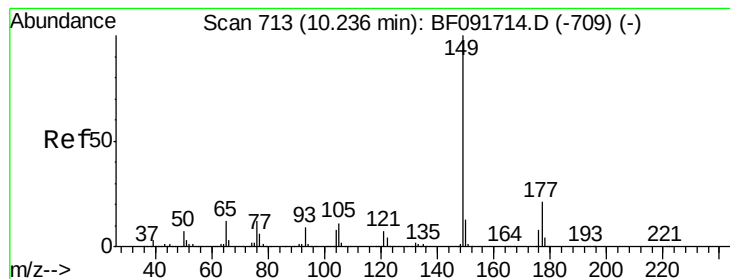
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.04 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

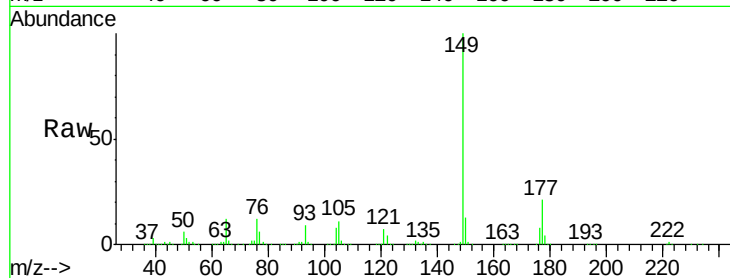
Tot Ion:149 Resp: 1884098

Ion Ratio Lower Upper

149 100

177 21.3 16.6 25.0

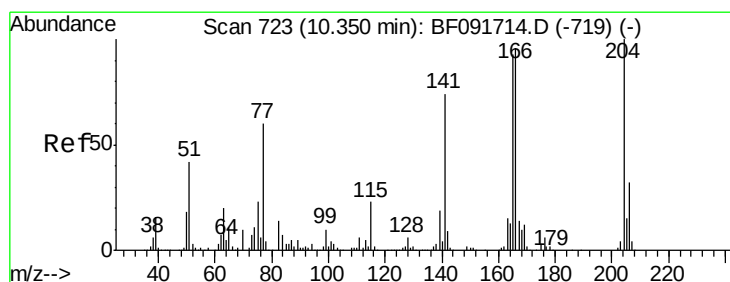
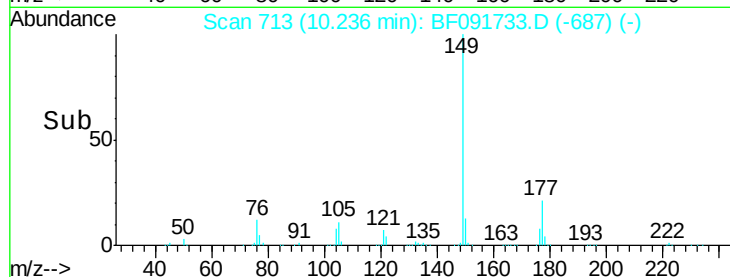
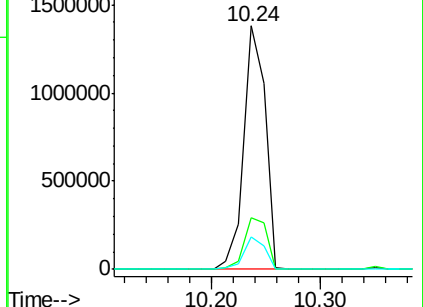
150 13.1 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.55 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

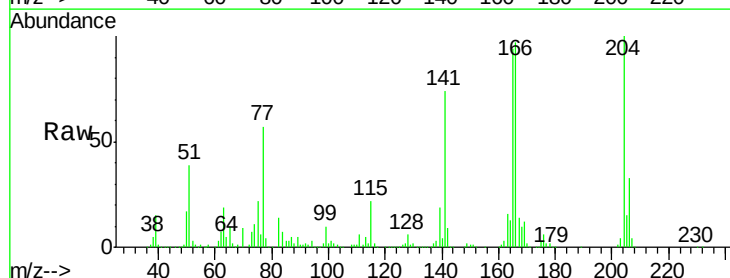
Tgt Ion:204 Resp: 674794

Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

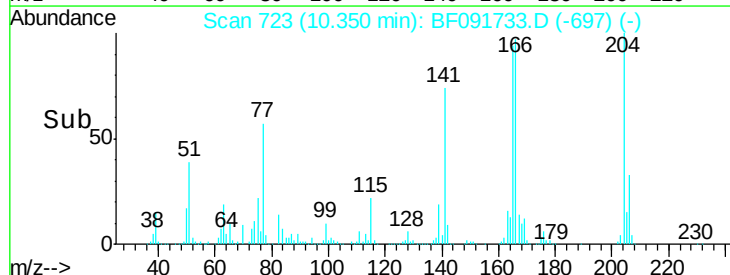
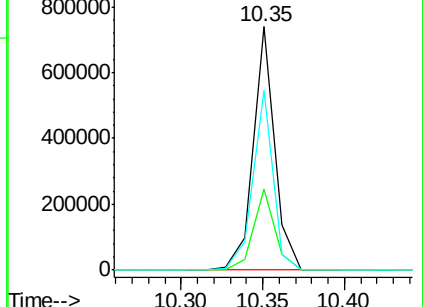
141 73.7 59.4 89.0

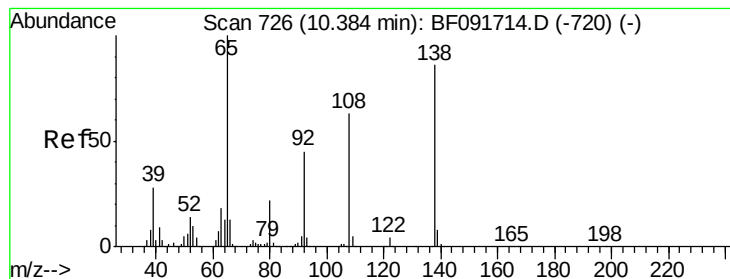


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.35 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

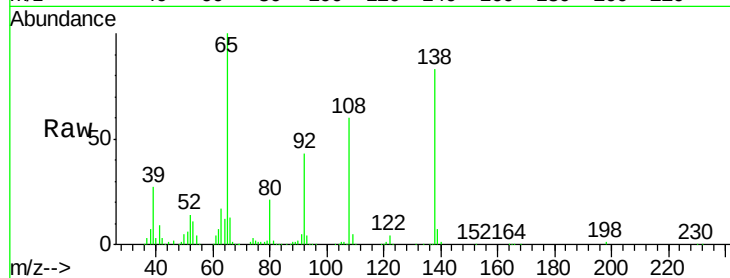
Tot Ion:138 Resp: 499856

Ion Ratio Lower Upper

138 100

92 51.6 31.7 71.7

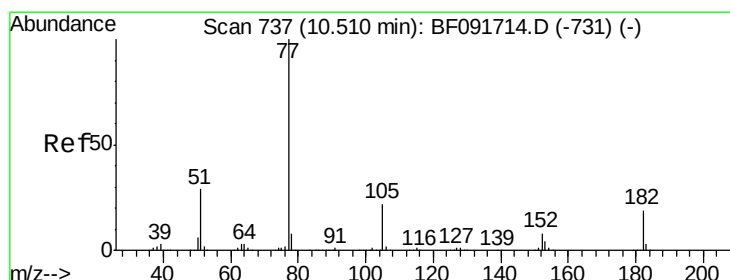
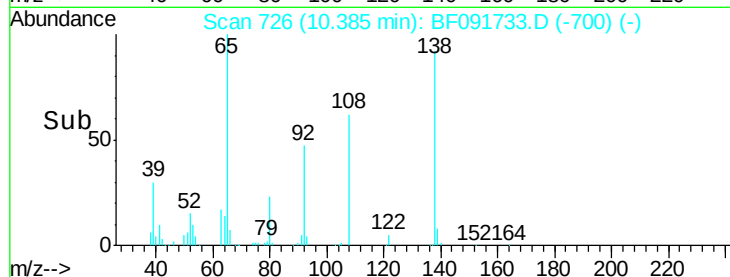
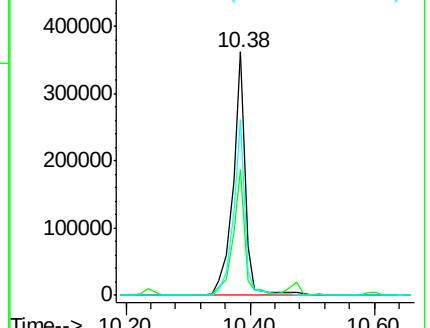
108 72.2 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.06 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Tgt Ion: 77 Resp: 2005261

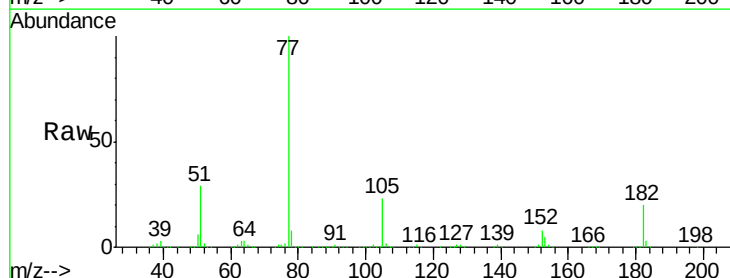
Ion Ratio Lower Upper

77 100

182 20.2 0.0 39.3

105 23.4 2.3 42.3

51 29.1 8.9 48.9

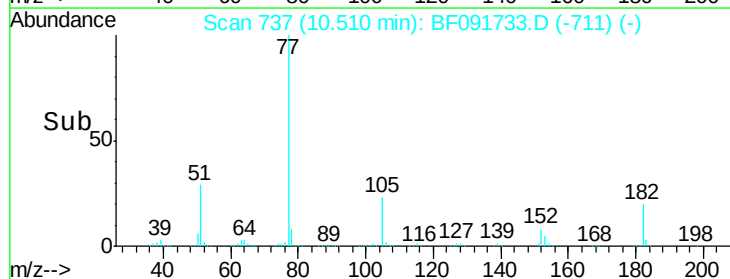
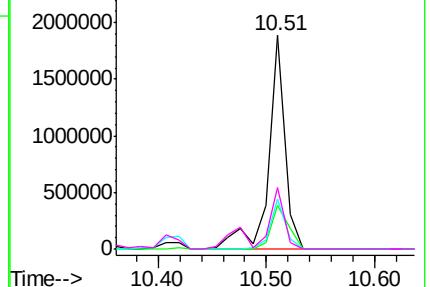


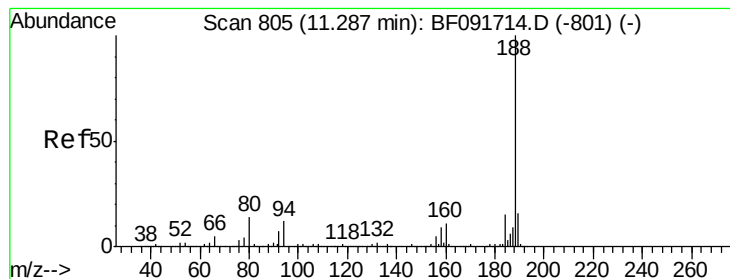
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

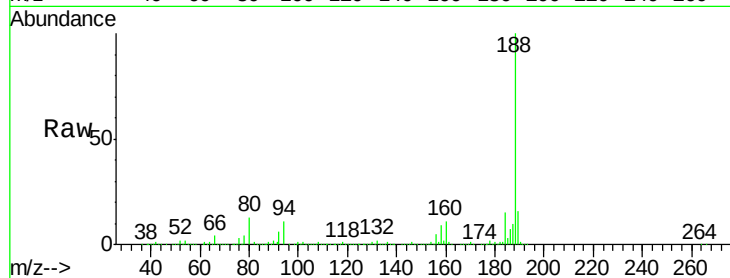
Tot Ion:188 Resp: 1154494

Ion Ratio Lower Upper

188 100

94 11.4 10.0 15.0

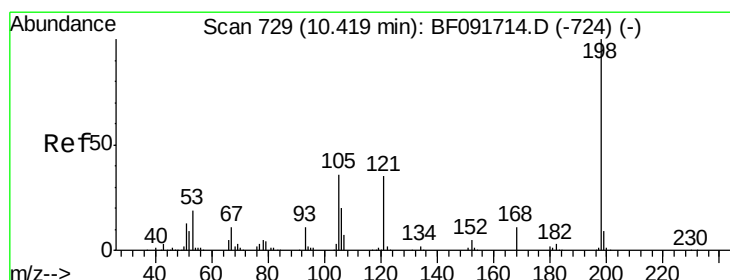
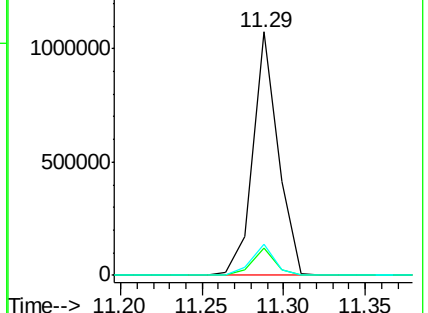
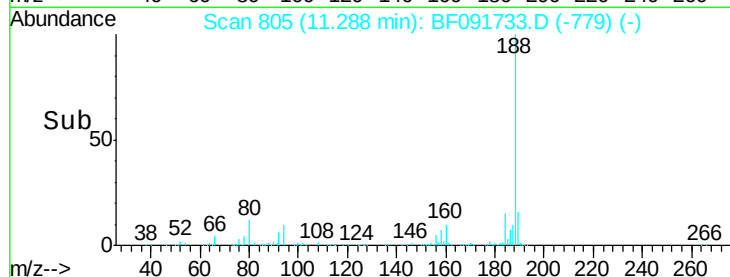
80 12.6 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.99 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

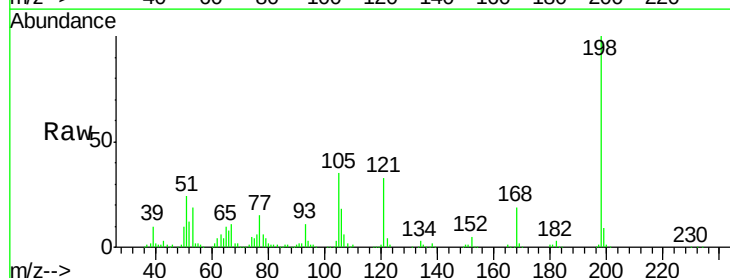
Tgt Ion:198 Resp: 365404

Ion Ratio Lower Upper

198 100

51 24.2 6.7 46.7

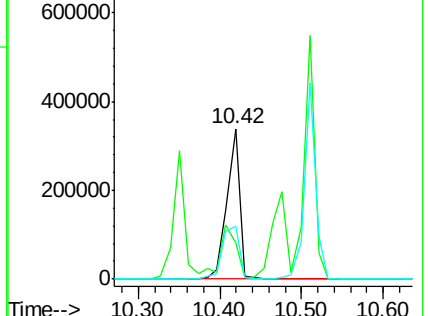
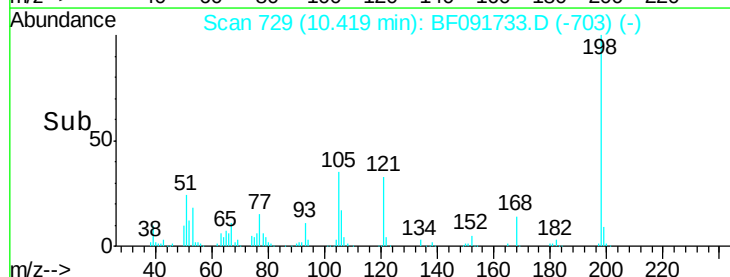
105 34.9 16.6 56.6

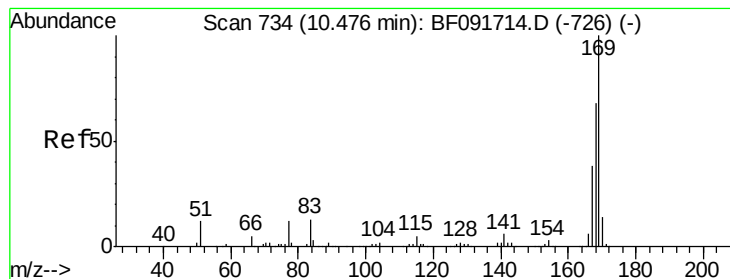


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.45 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

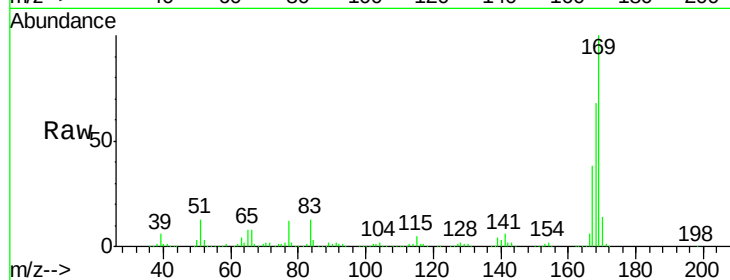
Tot Ion:169 Resp: 1557550

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

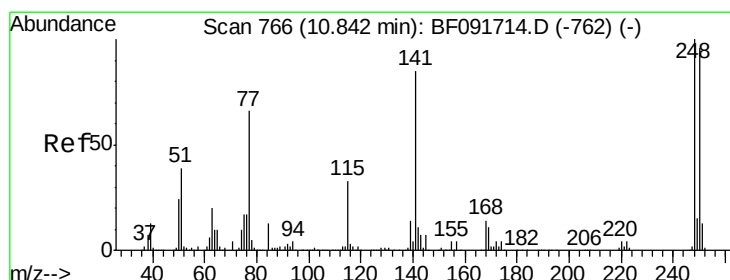
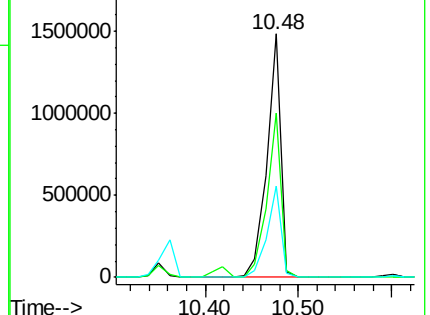
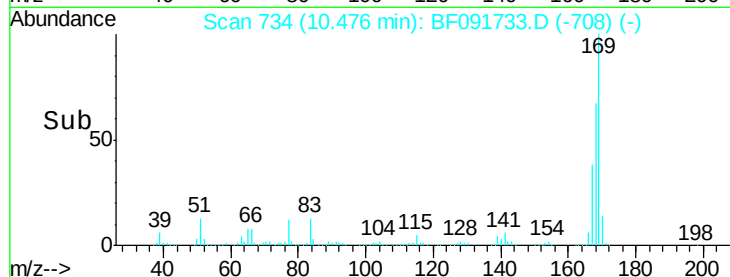
167 37.7 30.2 45.4



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: 43.00 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

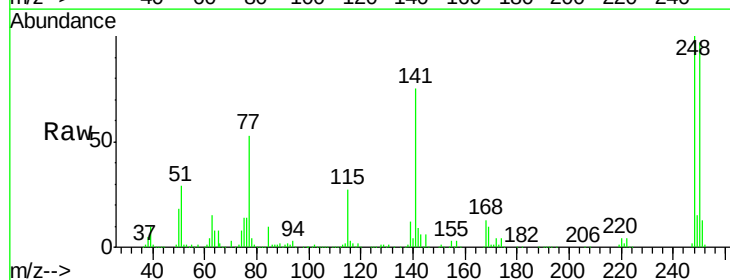
Tgt Ion:248 Resp: 520618

Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

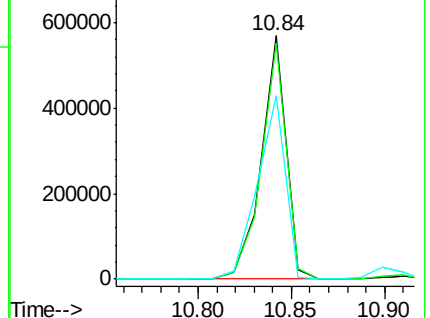
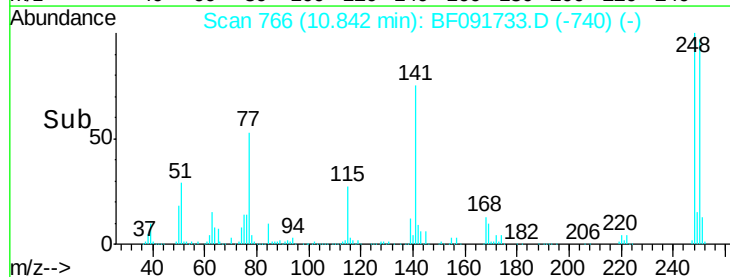
141 75.3 68.2 102.4

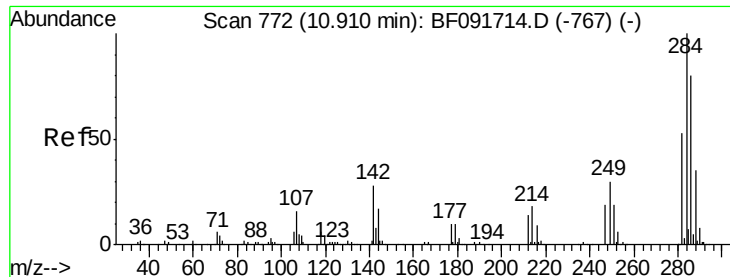


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

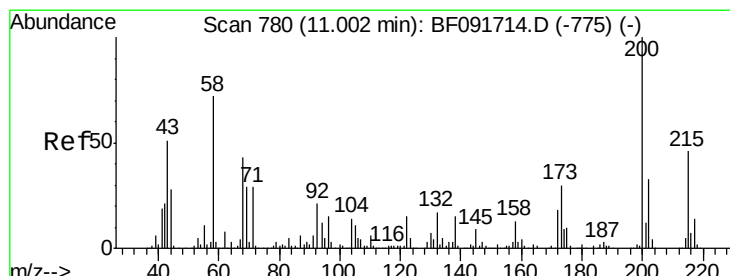
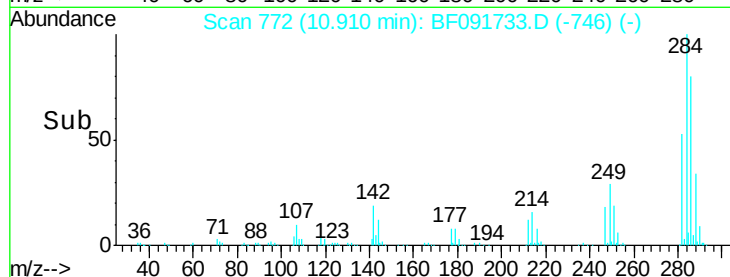
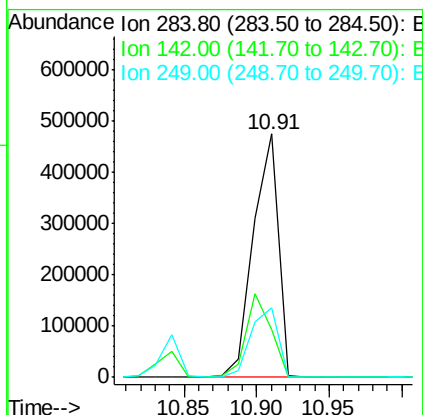
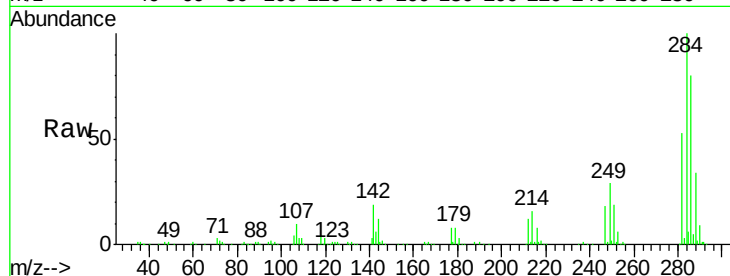




#67
Hexachlorobenzene
Concen: 44.83 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

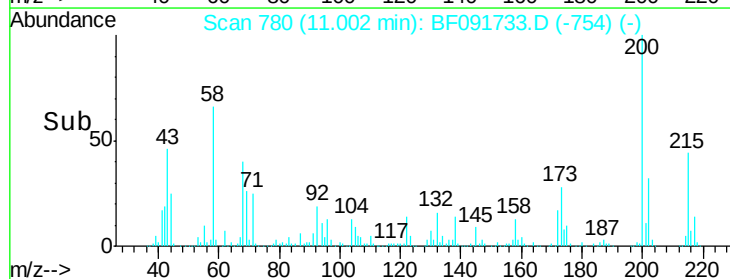
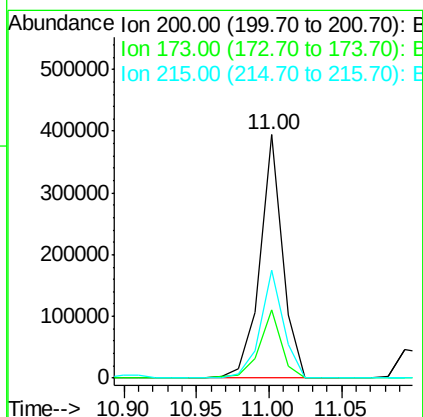
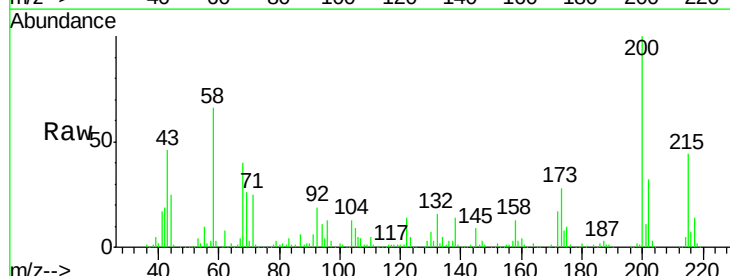
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

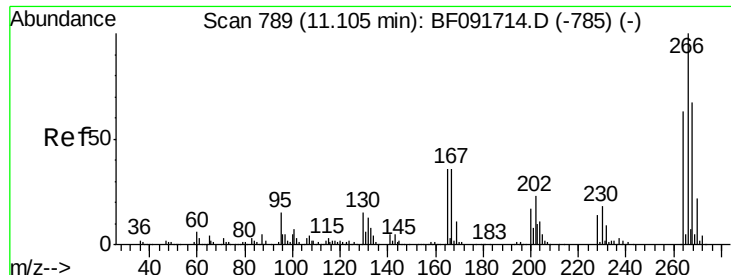
Tot Ion:284 Resp: 568710
Ion Ratio Lower Upper
284 100
142 19.5 22.6 33.8#
249 28.6 25.4 38.0



#68
Atrazine
Concen: 39.38 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Tgt Ion:200 Resp: 426632
Ion Ratio Lower Upper
200 100
173 28.3 9.6 49.6
215 44.1 25.7 65.7

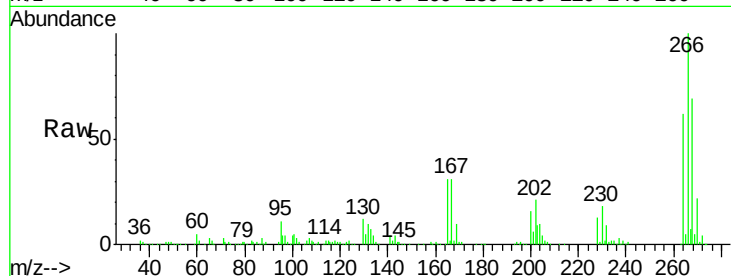




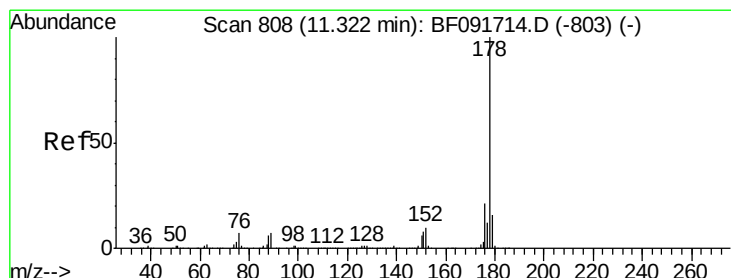
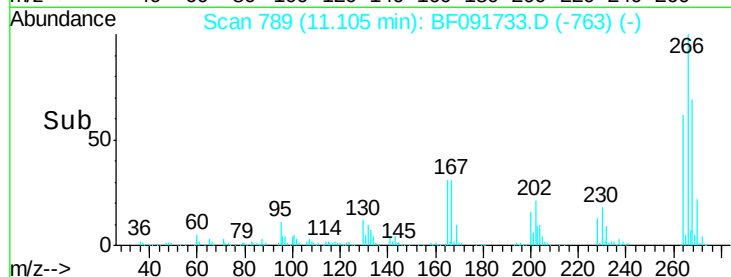
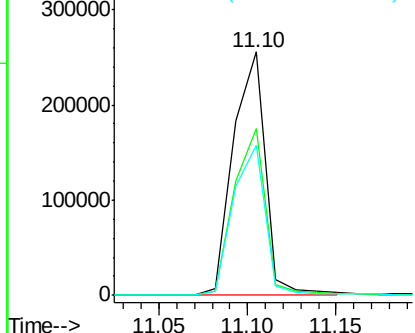
#69
 Pentachlorophenol
 Concen: 47.58 ng/mL
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 325674
 Ion Ratio Lower Upper
 266 100
 268 68.7 53.3 79.9
 264 61.9 50.3 75.5

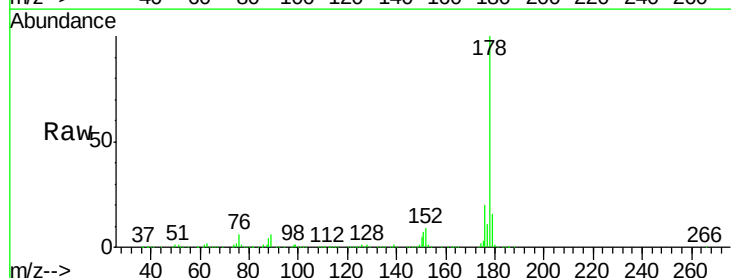


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

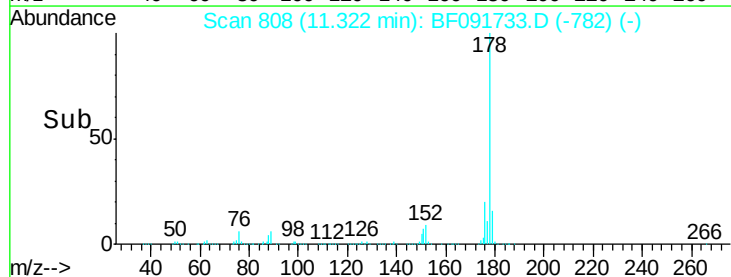
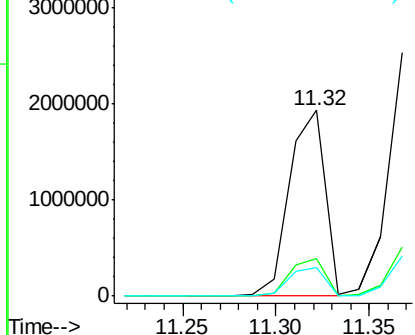


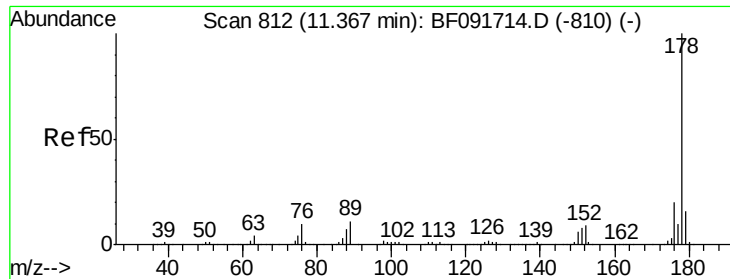
#70
 Phenanthrene
 Concen: 44.85 ng/mL
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Tgt Ion:178 Resp: 2587046
 Ion Ratio Lower Upper
 178 100
 176 20.1 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

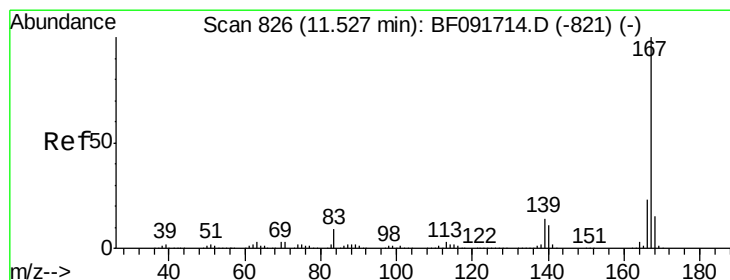
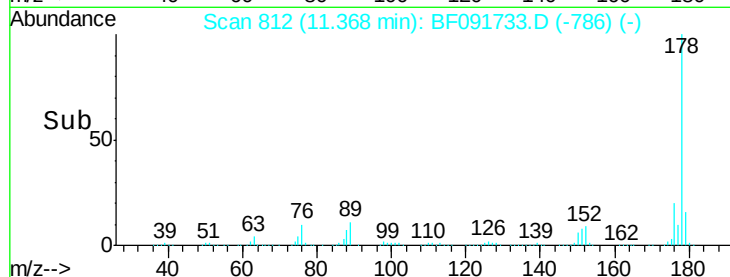
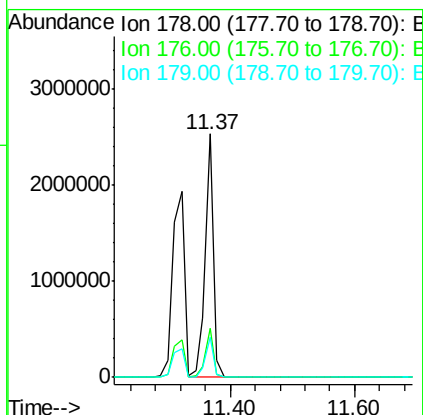
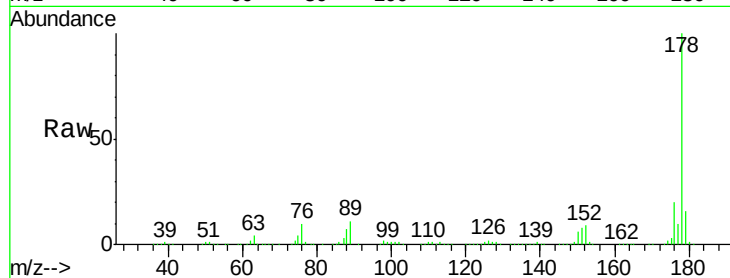




#71
 Anthracene
 Concen: 38.46 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

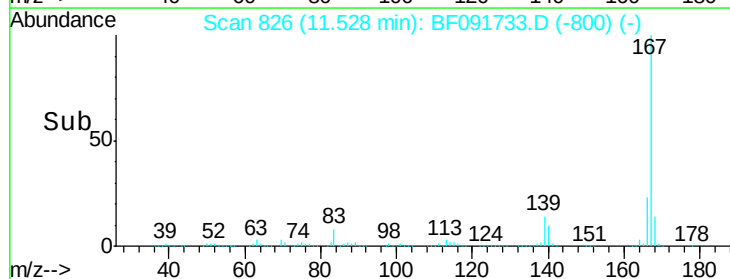
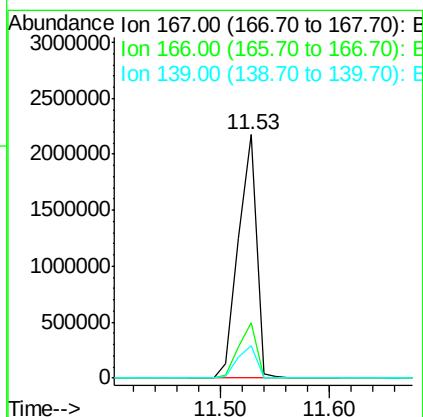
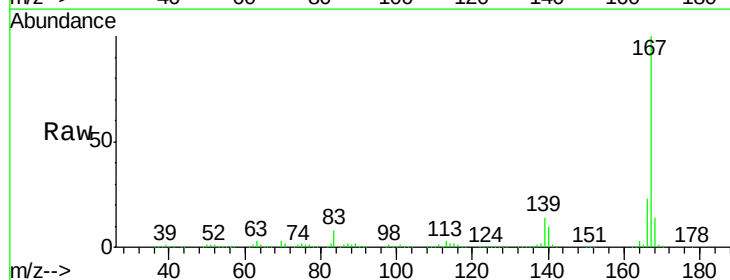
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

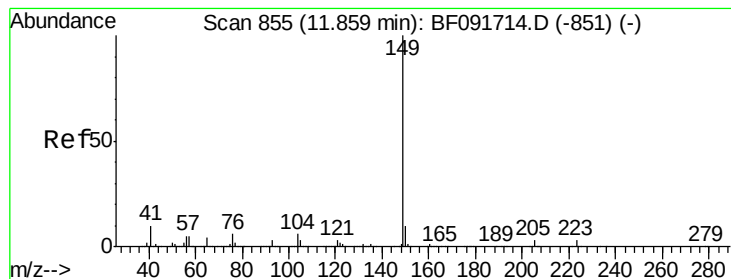
Tot Ion:178 Resp: 2349811
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.9 23.9
 179 16.5 13.2 19.8



#72
 Carbazole
 Concen: 46.73 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Tgt Ion:167 Resp: 2496932
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 13.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 38.37 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

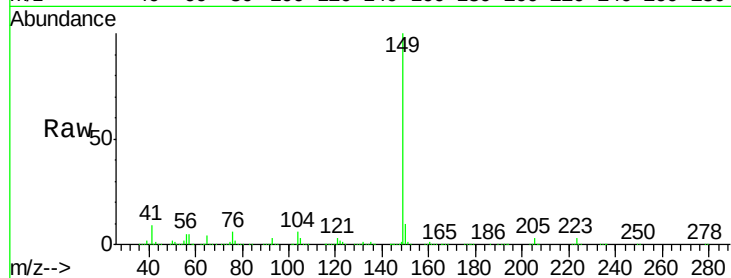
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2628617

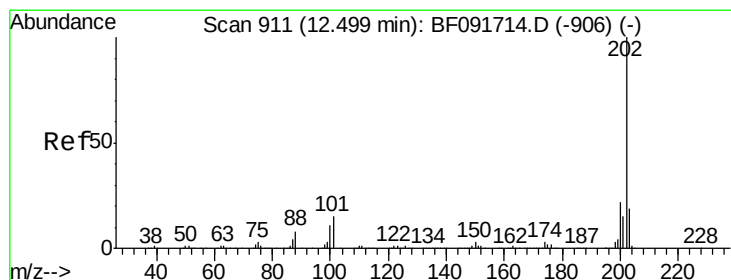
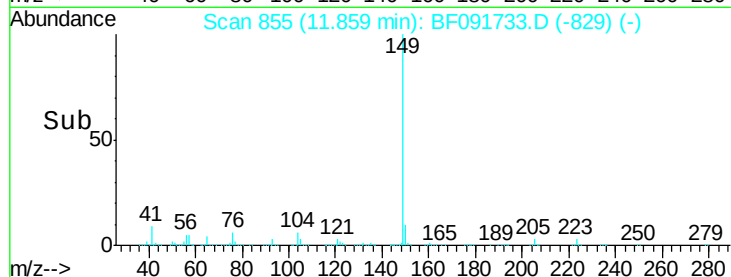
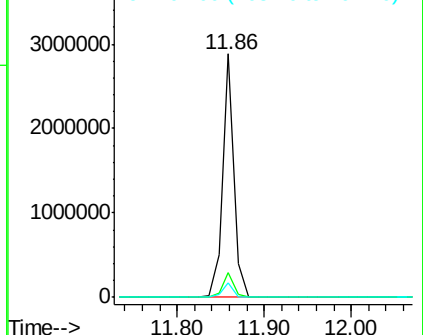
Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	6.0	4.6	7.0



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: 39.08 ng

RT: 12.50 min Scan# 911

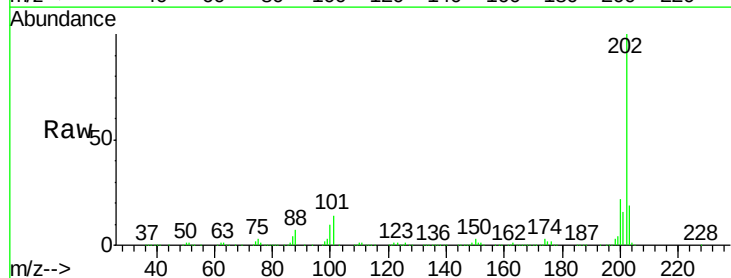
Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Tgt Ion:202 Resp: 2354476

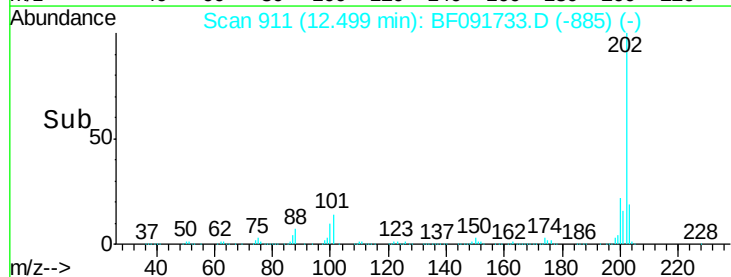
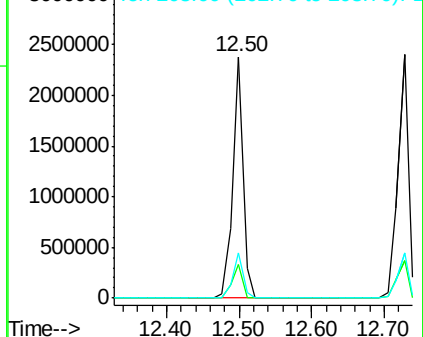
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.6
203	18.8	0.0	38.7

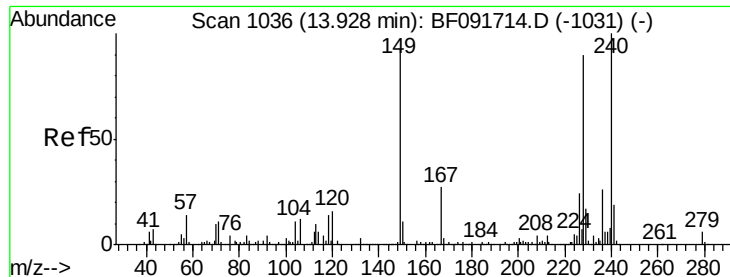


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

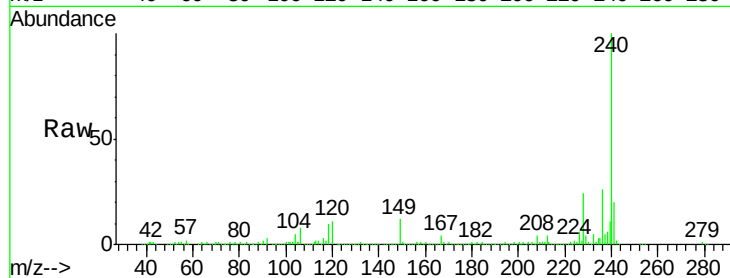
Tot Ion:240 Resp: 900632

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

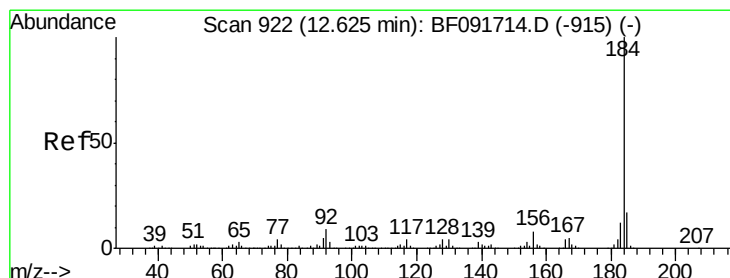
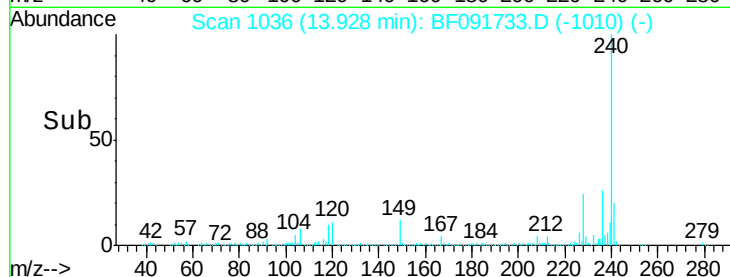
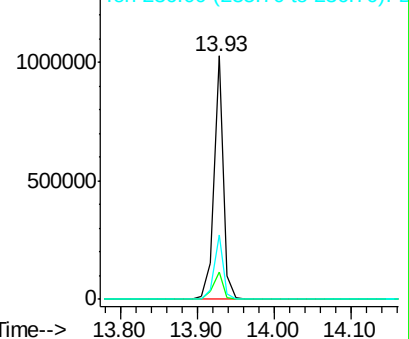
236 26.3 20.9 31.3



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: 36.30 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

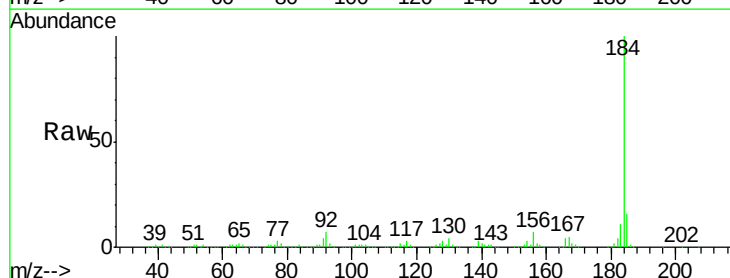
Tgt Ion:184 Resp: 941198

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

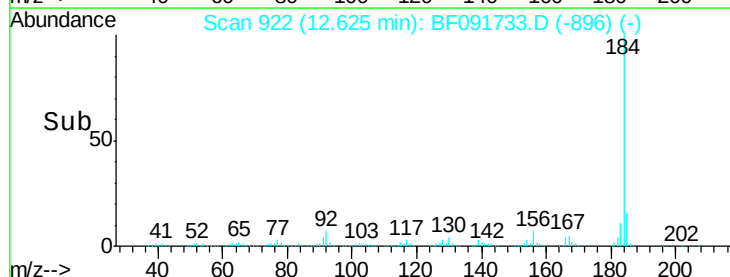
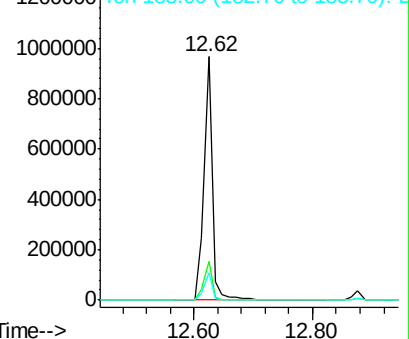
183 11.3 9.2 13.8

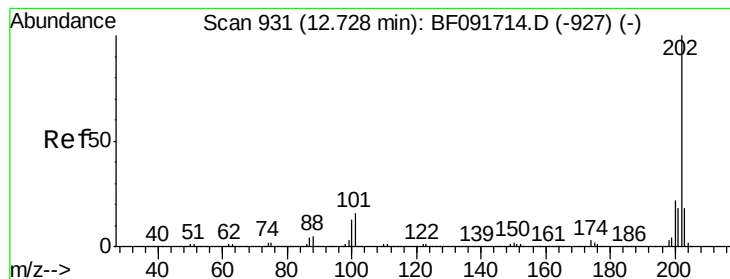


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.59 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

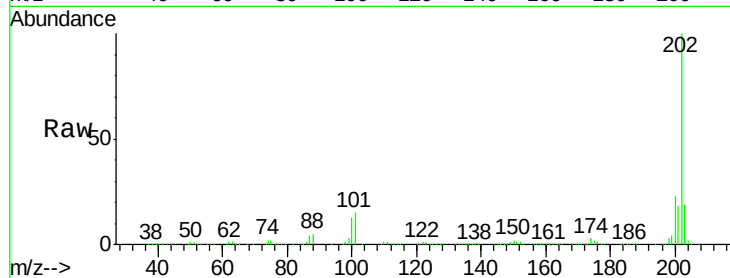
Tot Ion:202 Resp: 2445076

Ion Ratio Lower Upper

202 100

200 23.1 17.7 26.5

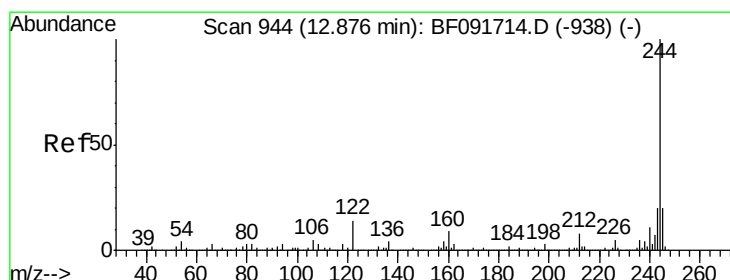
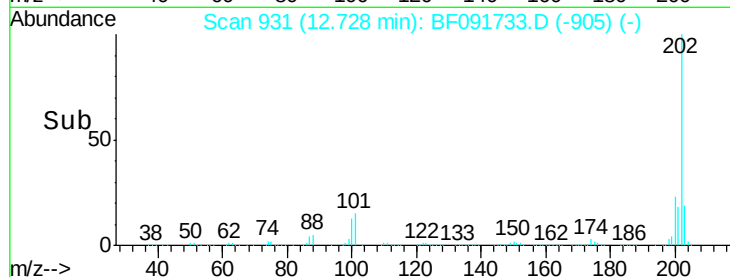
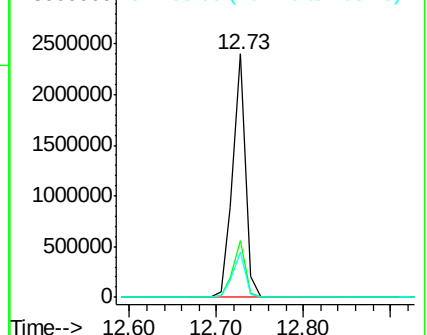
203 18.6 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.93 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

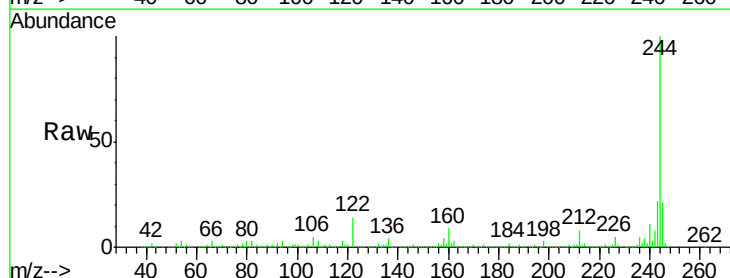
Tgt Ion:244 Resp: 2565753

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

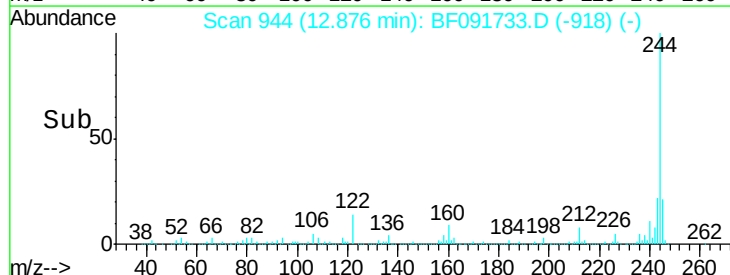
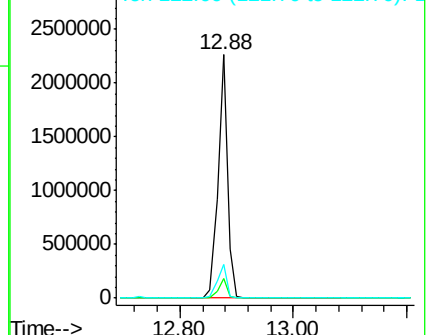
122 14.1 11.4 17.2

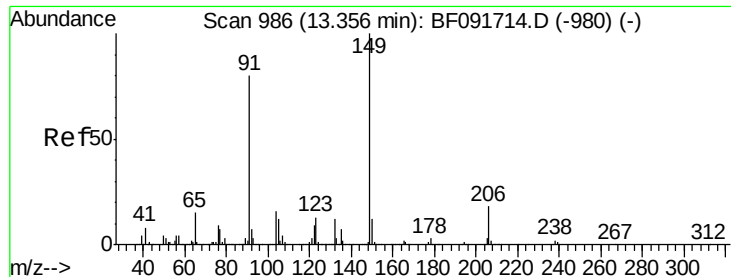


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.04 ng

RT: 13.36 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

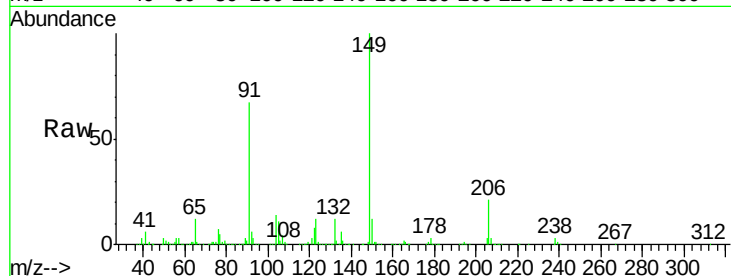
Tot Ion:149 Resp: 1310242

Ion Ratio Lower Upper

149 100

91 66.6 63.9 95.9

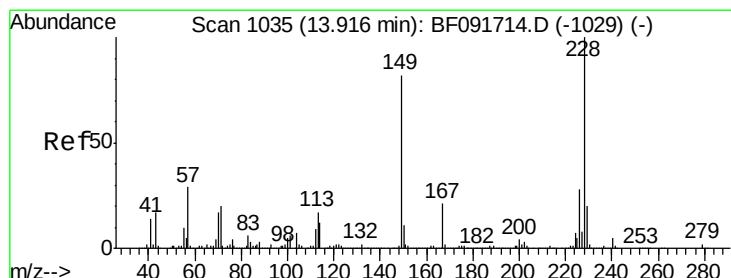
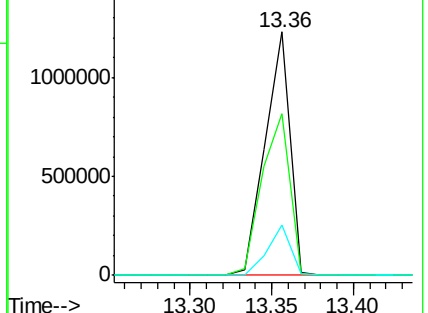
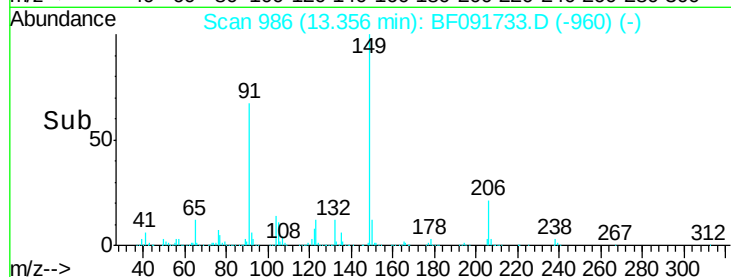
206 20.7 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.62 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

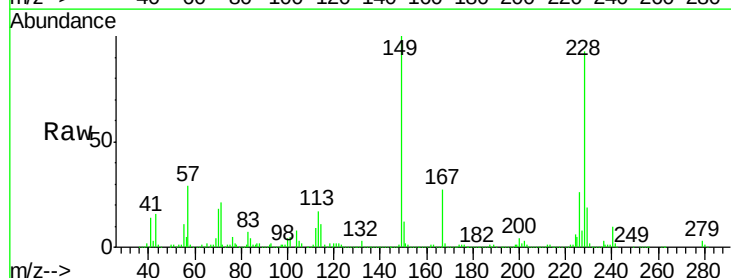
Tgt Ion:228 Resp: 1886539

Ion Ratio Lower Upper

228 100

226 28.3 22.4 33.6

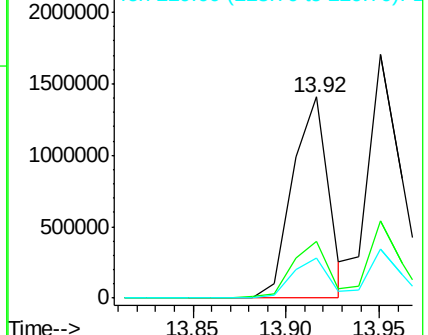
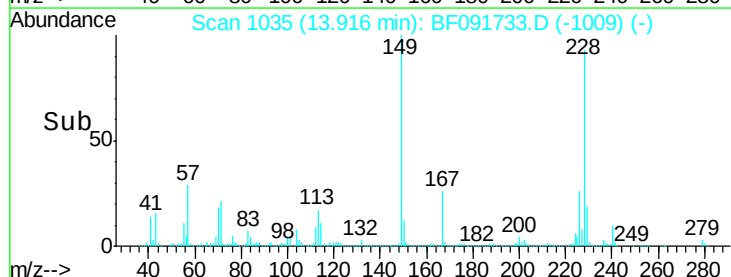
229 20.1 16.2 24.4

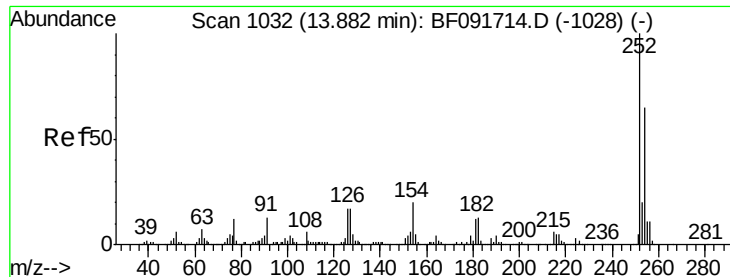


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

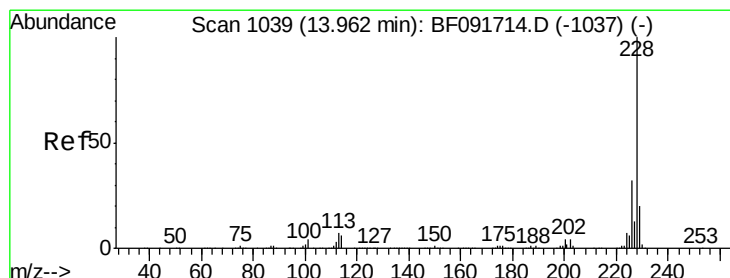
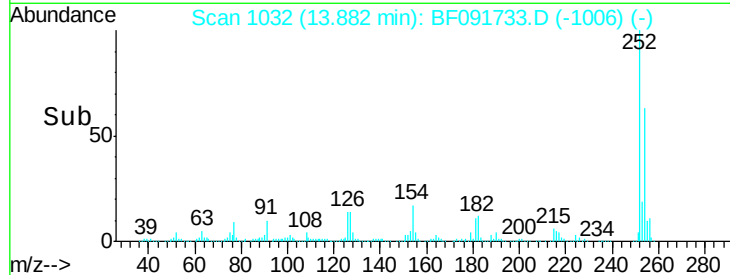
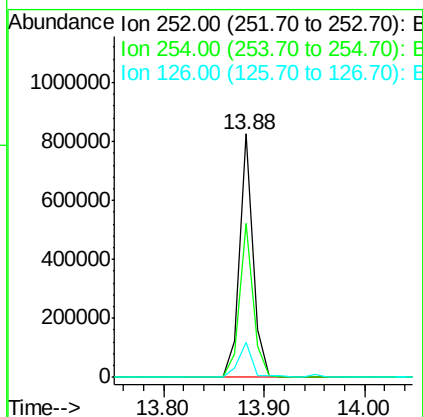
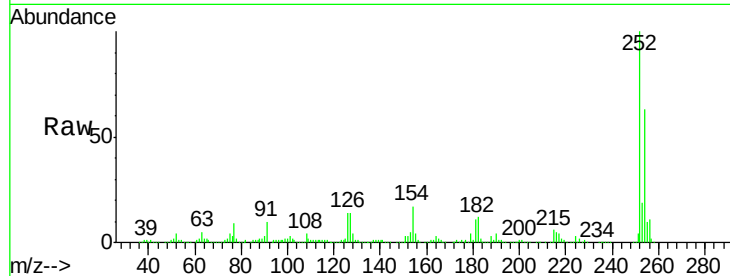




#81
 3,3'-Dichlorobenzidine
 Concen: 37.72 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

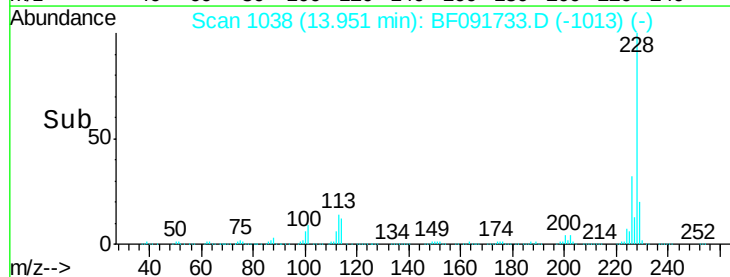
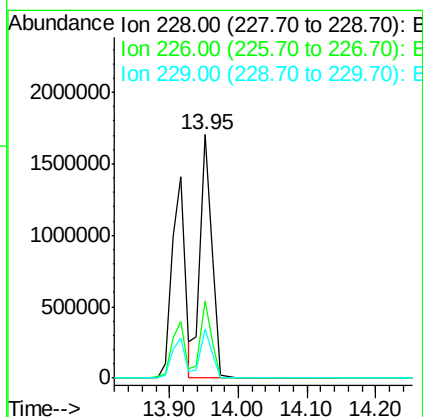
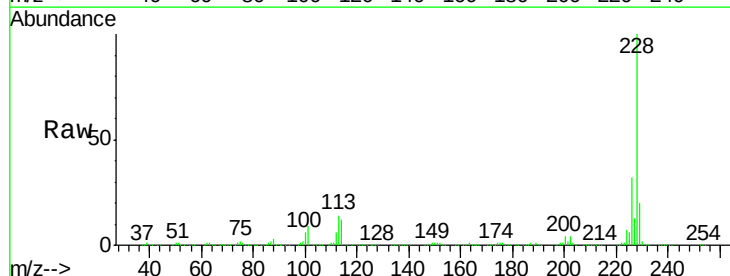
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

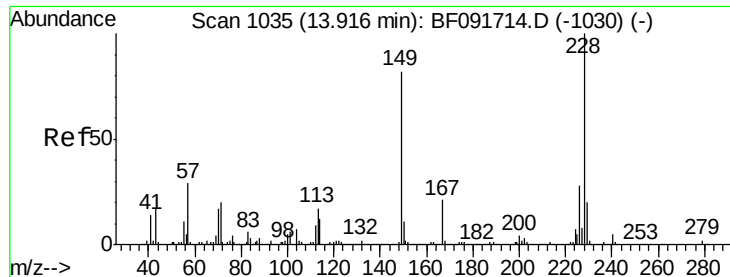
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.3	78.5
126	14.1	13.6	20.4



#82
 Chrysene
 Concen: 37.13 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.4	16.2	24.2

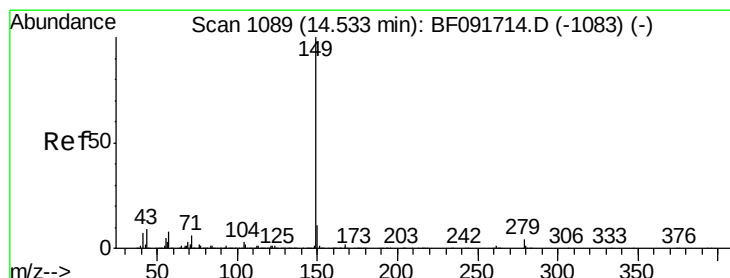
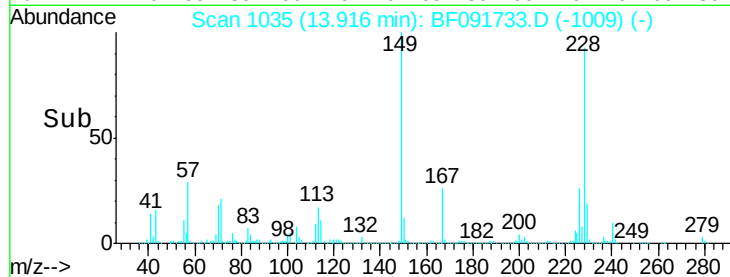
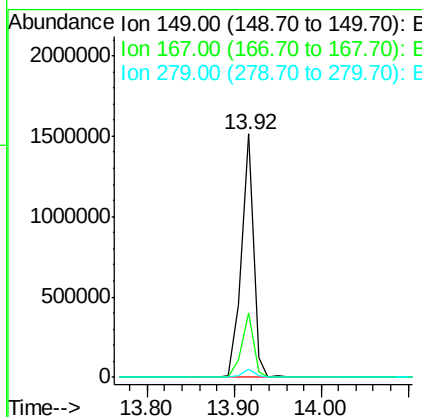
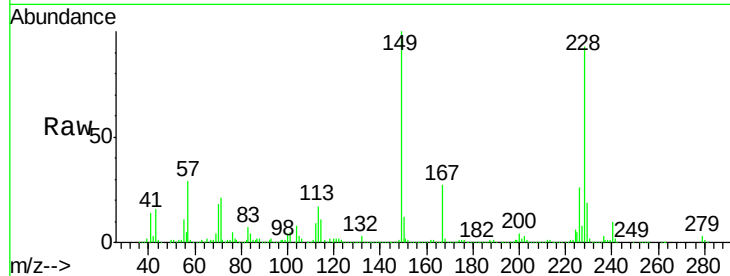




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.52 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

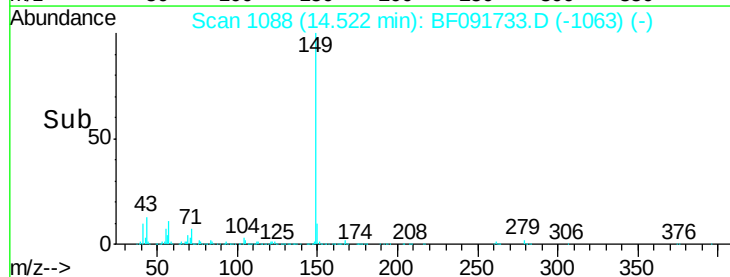
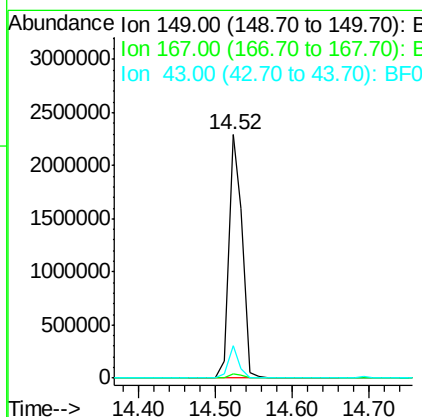
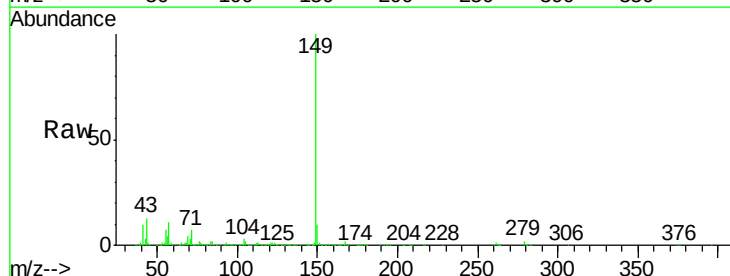
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

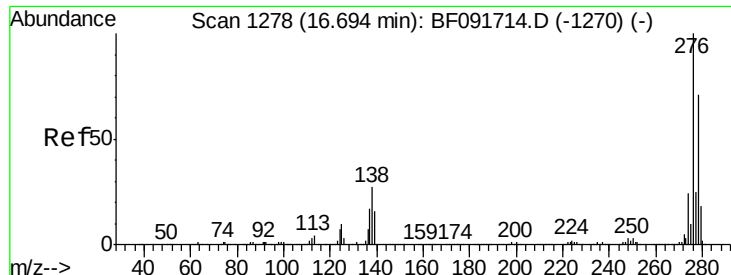
Tot Ion:149 Resp: 1448694
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.2 30.4
 279 3.2 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 39.88 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Tgt Ion:149 Resp: 2837611
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.7 8.9 13.3

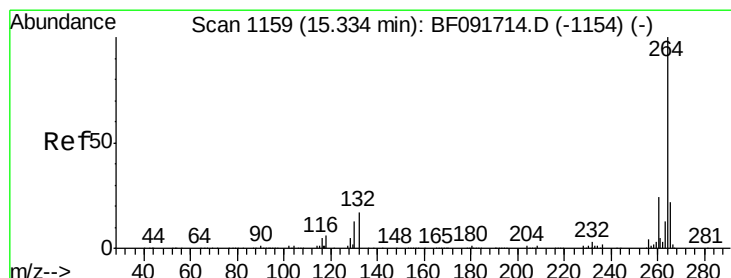
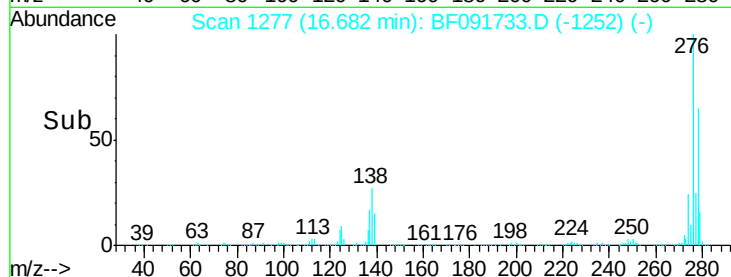
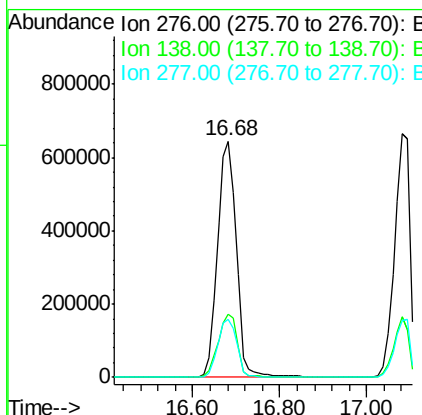
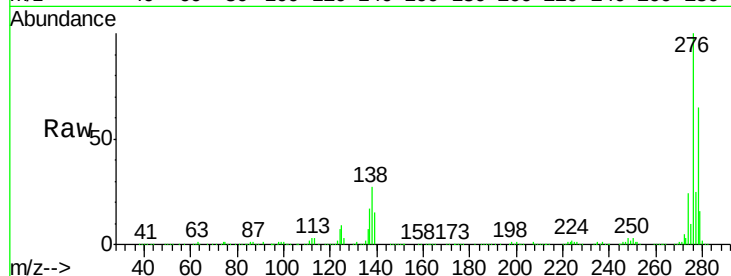




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.69 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

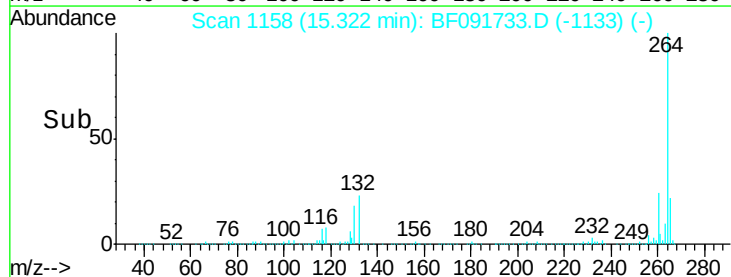
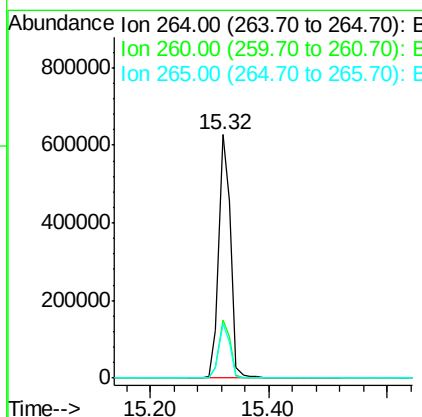
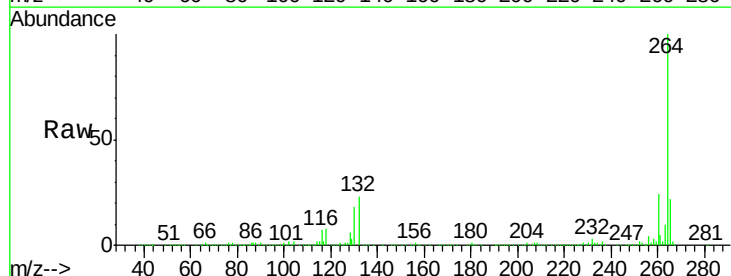
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

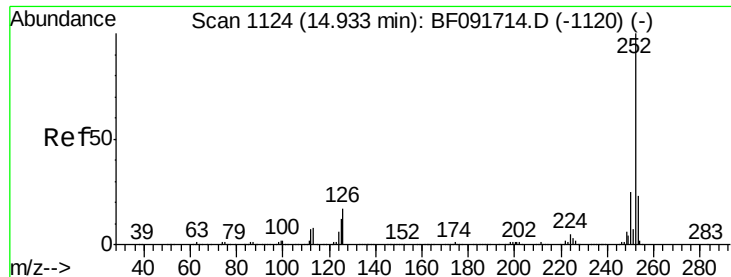
Tot Ion:276 Resp: 1978704
 Ion Ratio Lower Upper
 276 100
 138 27.5 21.8 32.6
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091733.D
 Acq: 18 Dec 2016 13:22

Tgt Ion:264 Resp: 866845
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.2 17.4 26.0

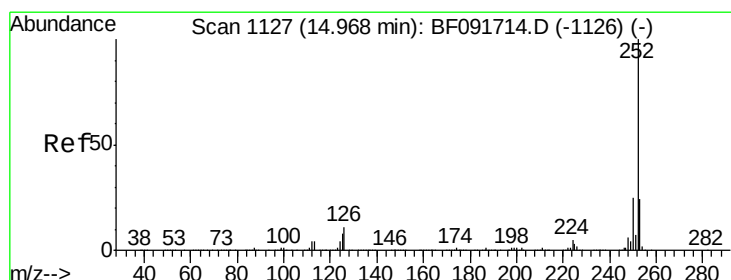
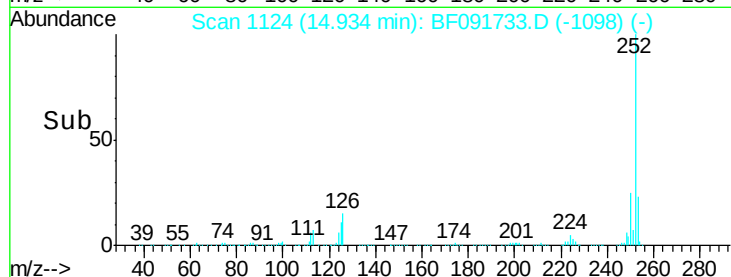
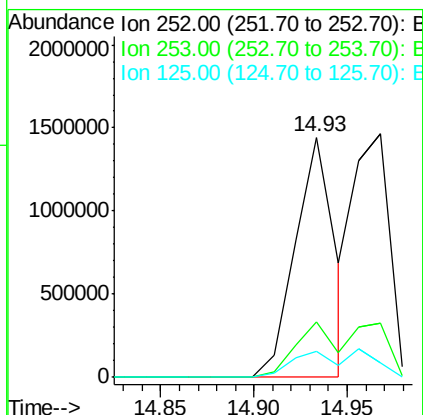
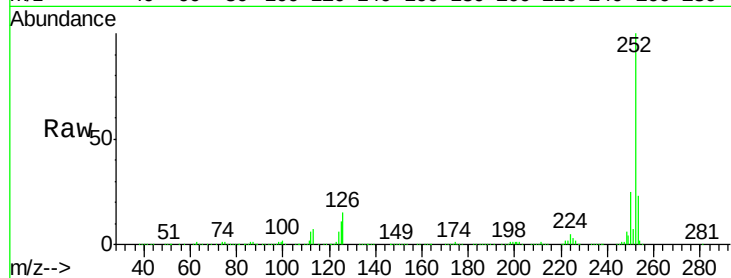




#87
Benzo(b)fluoranthene
Concen: 38.63 ng
RT: 14.93 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

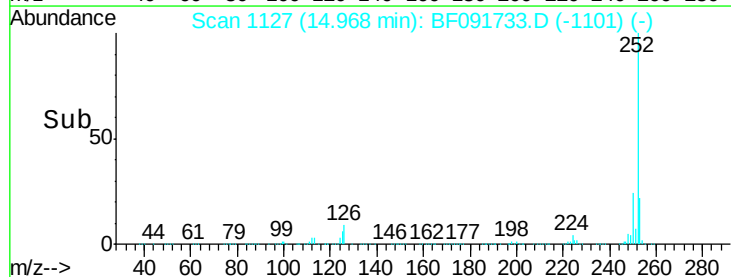
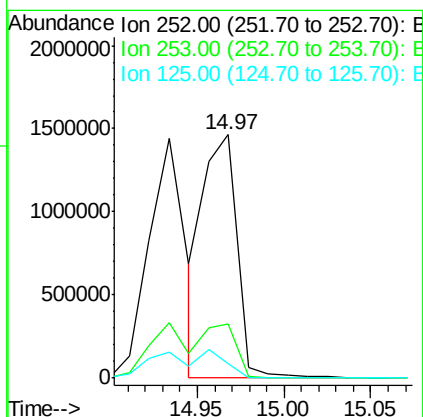
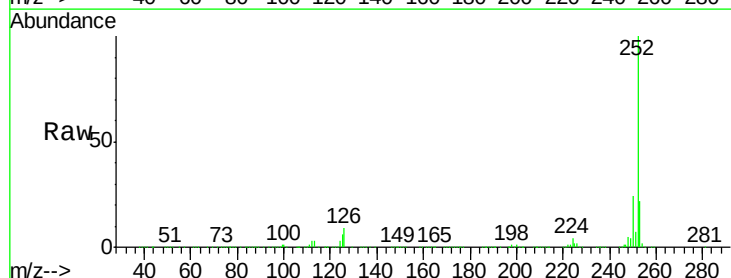
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

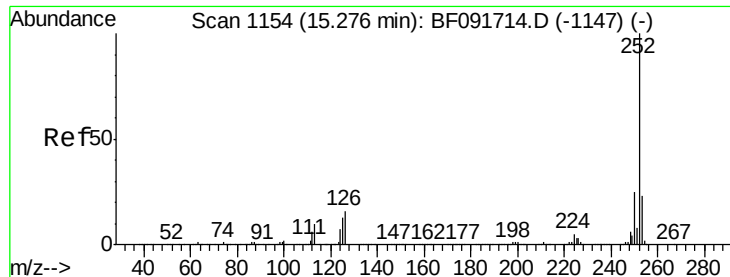
Tot Ion:252 Resp: 2123300
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 11.0 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 51.56 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF091733.D
Acq: 18 Dec 2016 13:22

Tgt Ion:252 Resp: 1988686
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 5.9 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 43.09 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

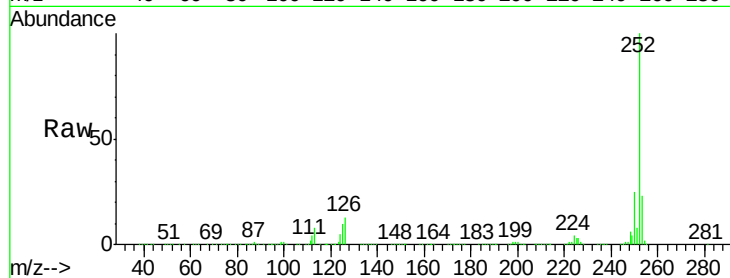
Tot Ion:252 Resp: 2032691

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

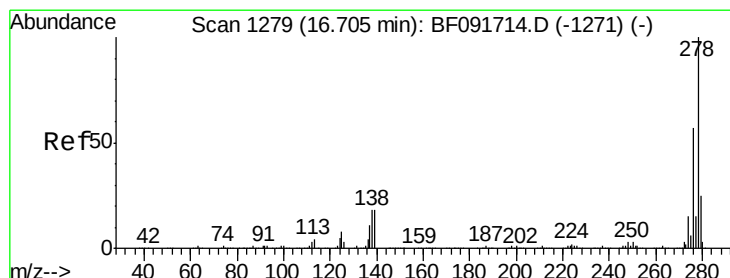
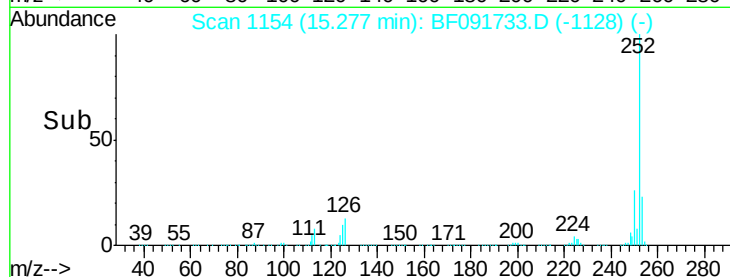
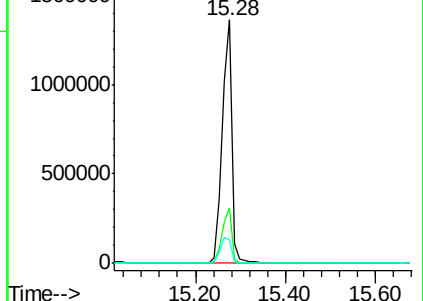
125 9.8 10.0 15.0#



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: 40.50 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

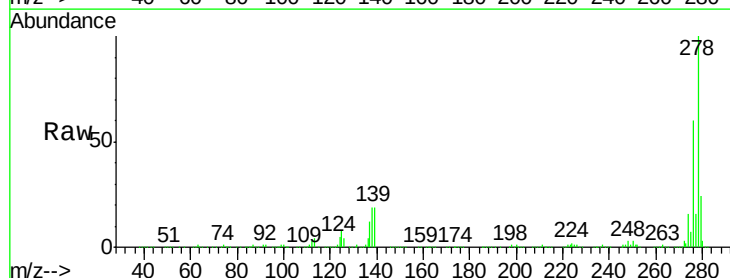
Tgt Ion:278 Resp: 1665511

Ion Ratio Lower Upper

278 100

139 18.9 14.8 22.2

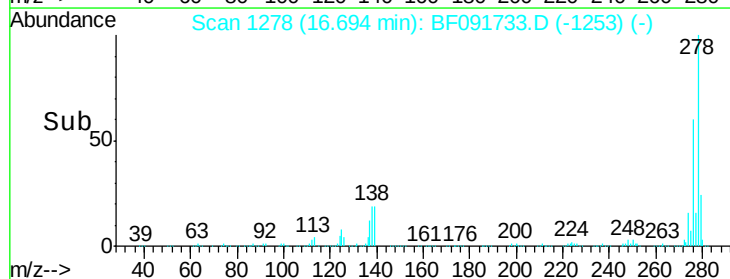
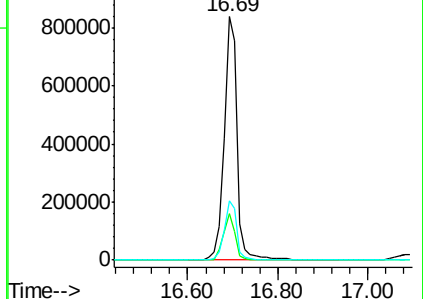
279 24.4 19.8 29.6

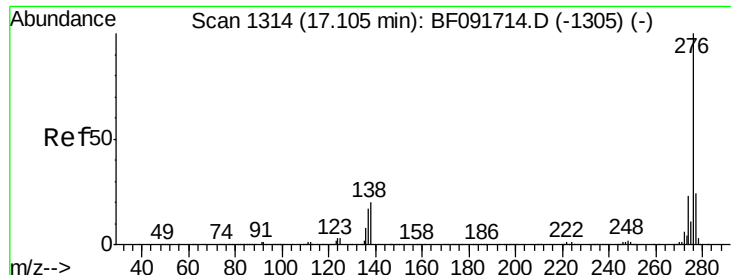


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.61 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF091733.D

Acq: 18 Dec 2016 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

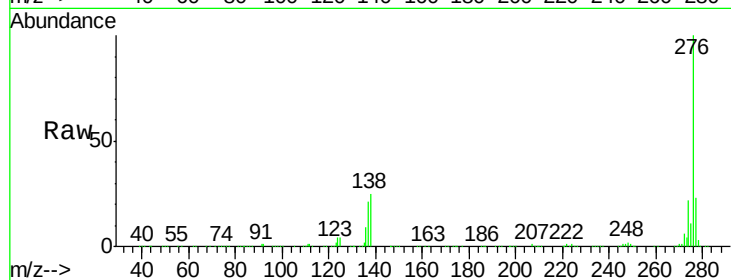
Tot Ion:276 Resp: 1697288

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 24.7 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

