

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
 Data File : BF091534.D
 Acq On : 9 Dec 2016 18:30
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 09 22:10:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	284118	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1115008	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	555364	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	905709	20.00	ng	0.00
75) Chrysene-d12	13.96	240	607879	20.00	ng	0.00
86) Perylene-d12	15.38	264	592489	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1413726	83.83	ng	0.00
7) Phenol-d6	6.45	99	1608501	76.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	1438165	71.99	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	328466	71.21	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2376035	73.92	ng	-0.01
78) Terphenyl-d14	12.92	244	2101823	78.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	352137	39.56	ng	# 84
3) Pyridine	3.09	79	978656	41.27	ng	# 80
4) n-Nitrosodimethylamine	3.05	42	386791	37.96	ng	# 63
6) Aniline	6.48	93	1079157	39.15	ng	# 68
8) 2-Chlorophenol	6.60	128	760333	39.94	ng	98
9) Benzaldehyde	6.58	77	36219	2.50	ng	87
10) Phenol	6.46	94	948084	38.57	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	774404	41.94	ng	# 83
12) 1,3-Dichlorobenzene	6.99	146	731952	35.46	ng	96
13) 1,4-Dichlorobenzene	6.83	146	785709	38.59	ng	97
14) 1,2-Dichlorobenzene	6.83	146	785709	42.82	ng	97
15) Benzyl Alcohol	6.96	79	593371	35.75	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1152356	40.27	ng	79
17) 2-Methylphenol	7.08	107	617397	39.20	ng	# 76
18) Hexachloroethane	7.33	117	305031	38.39	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	505262	38.43	ng	85
20) 3+4-Methylphenols	7.23	107	656848	38.14	ng	# 60
22) Acetophenone	7.23	105	1041828	39.00	ng	# 93
24) Nitrobenzene	7.40	77	906110	42.93	ng	# 83
25) Isophorone	7.64	82	1389938	39.14	ng	100
26) 2-Nitrophenol	7.72	139	373906	40.14	ng	# 65
27) 2,4-Dimethylphenol	7.76	122	612212	37.42	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	852429	40.92	ng	98
29) 2,4-Dichlorophenol	7.96	162	599439	42.11	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	615451	38.04	ng	99
31) Naphthalene	8.12	128	1975734	38.08	ng	99
32) Benzoic acid	7.88	122	451505	39.43	ng	95
33) 4-Chloroaniline	8.17	127	829110	37.10	ng	96
34) Hexachlorobutadiene	8.25	225	366480	39.51	ng	99
35) Caprolactam	8.54	113	172618	41.52	ng	# 60
36) 4-Chloro-3-methylphenol	8.66	107	671912	42.08	ng	95
37) 2-Methylnaphthalene	8.81	142	1259742	37.52	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	557432	36.60	ng	99
40) Hexachlorocyclopentadiene	8.97	237	274739	40.46	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\
 Data File : BF091534.D
 Acq On : 9 Dec 2016 18:30
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 09 22:10:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

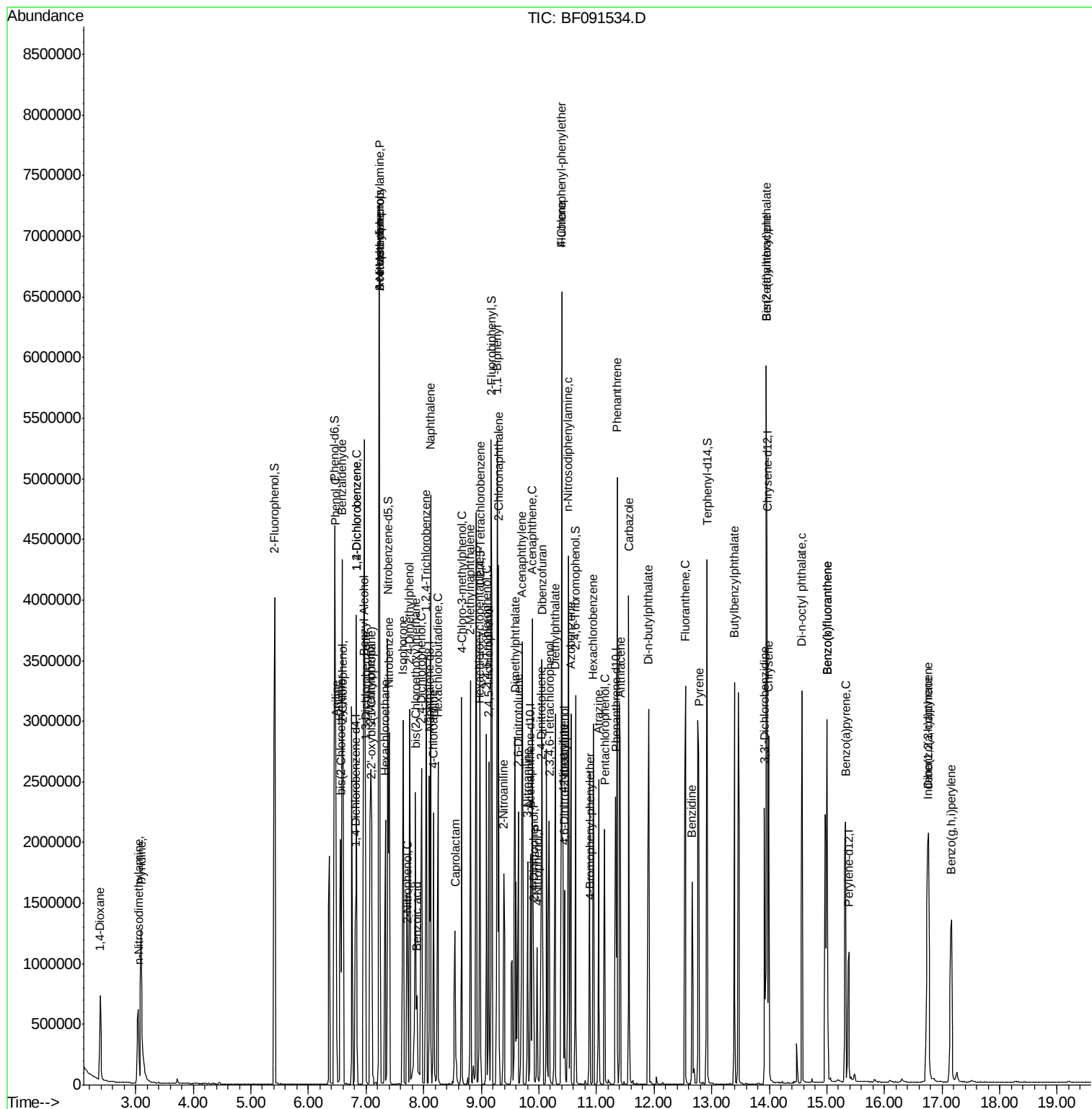
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	421439	43.06	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	353838	35.18	ng	# 83
45) 1,1'-Biphenyl	9.28	154	1503732	37.38	ng	98
46) 2-Chloronaphthalene	9.30	162	1151006	36.95	ng	99
47) 2-Nitroaniline	9.39	65	385354	36.79	ng	# 81
48) Acenaphthylene	9.71	152	1755977	36.98	ng	98
49) Dimethylphthalate	9.58	163	1428185	40.61	ng	99
50) 2,6-Dinitrotoluene	9.64	165	332632	43.10	ng	# 75
51) Acenaphthene	9.88	154	1177808	35.71	ng	97
52) 3-Nitroaniline	9.80	138	356456	39.32	ng	89
53) 2,4-Dinitrophenol	9.90	184	135854	39.30	ng	# 79
54) Dibenzofuran	10.05	168	1531099	37.52	ng	98
55) 4-Nitrophenol	9.97	139	290810	43.11	ng	# 62
56) 2,4-Dinitrotoluene	10.04	165	418986	43.31	ng	# 86
57) Fluorene	10.40	166	1096983	36.71	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	321893	40.88	ng	95
59) Diethylphthalate	10.28	149	1349574	39.86	ng	95
60) 4-Chlorophenyl-phenylether	10.40	204	561550	38.28	ng	# 89
61) 4-Nitroaniline	10.42	138	360817	40.05	ng	92
62) Azobenzene	10.56	77	1520456	39.63	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	188990	35.20	ng	# 86
65) n-Nitrosodiphenylamine	10.51	169	993972	36.81	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	357339	38.48	ng	# 76
67) Hexachlorobenzene	10.94	284	357879	37.06	ng	# 81
68) Atrazine	11.04	200	306918	35.35	ng	99
69) Pentachlorophenol	11.14	266	229978	42.32	ng	95
70) Phenanthrene	11.36	178	1742174	38.84	ng	99
71) Anthracene	11.41	178	1852311	38.29	ng	99
72) Carbazole	11.56	167	1536850	36.24	ng	100
73) Di-n-butylphthalate	11.91	149	1987197	40.22	ng	99
74) Fluoranthene	12.55	202	1853376	39.46	ng	98
76) Benzidine	12.66	184	724387	38.54	ng	98
77) Pyrene	12.77	202	1855207	38.47	ng	99
79) Butylbenzylphthalate	13.39	149	736293	39.17	ng	89
80) Benzo(a)anthracene	13.95	228	1337542	37.89	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	480914	37.94	ng	# 96
82) Chrysene	13.99	228	1386767	37.55	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	928401	38.49	ng	# 100
84) Di-n-octyl phthalate	14.57	149	1688654	41.25	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1344411	40.45	ng	99
87) Benzo(b)fluoranthene	15.00	252	2576383	72.94	ng	99
88) Benzo(k)fluoranthene	15.00	252	2578303	83.02	ng	99
89) Benzo(a)pyrene	15.32	252	1269508	39.90	ng	# 95
90) Dibenzo(a,h)anthracene	16.76	278	1135938	39.85	ng	98
91) Benzo(g,h,i)perylene	17.16	276	1167353	40.24	ng	98

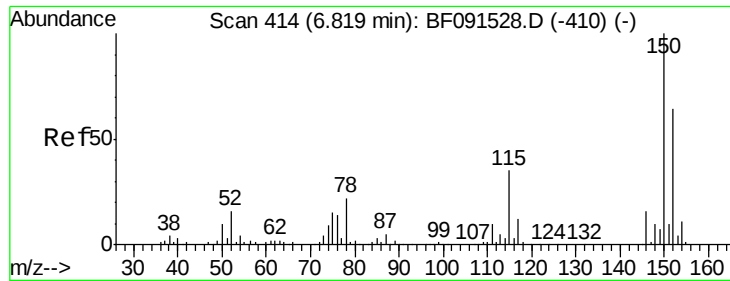
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120916\  
Data File : BF091534.D  
Acq On    : 9 Dec 2016 18:30  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 5 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 09 22:10:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

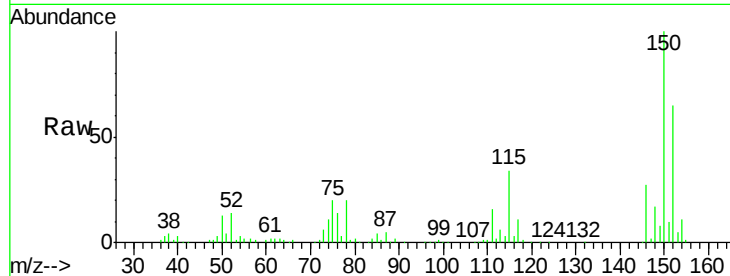
Tgt Ion:152 Resp: 284118

Ion Ratio Lower Upper

152 100

150 154.1 122.5 183.7

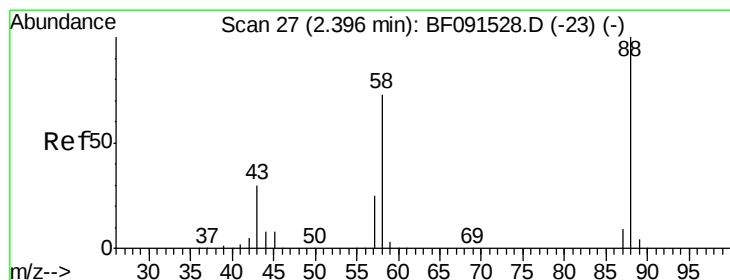
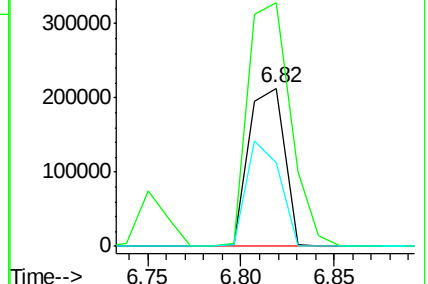
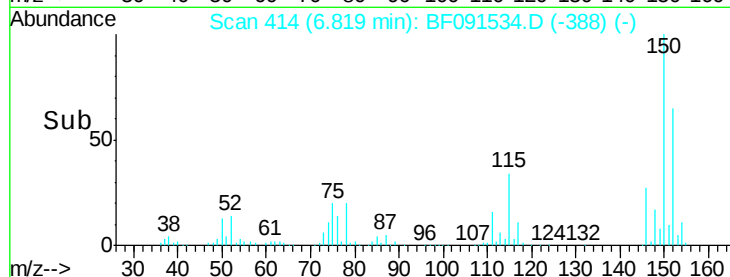
115 52.5 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.56 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.01 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

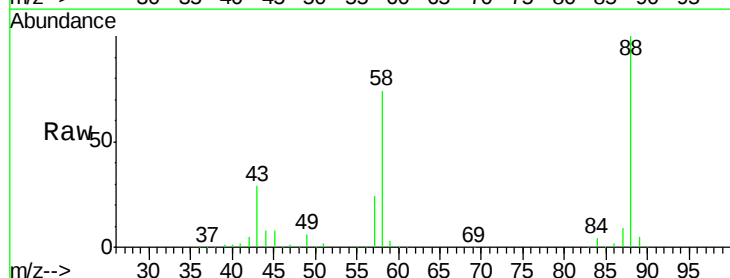
Tgt Ion: 88 Resp: 352137

Ion Ratio Lower Upper

88 100

58 72.9 70.3 105.5

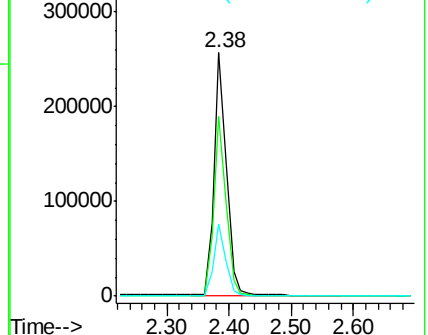
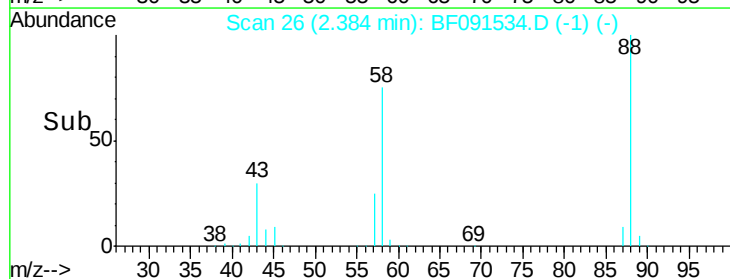
43 28.7 31.3 46.9#

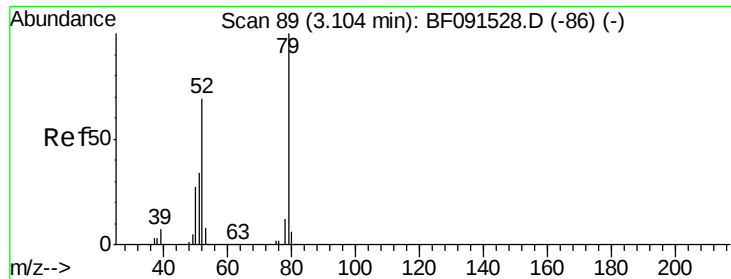


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.27 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.01 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

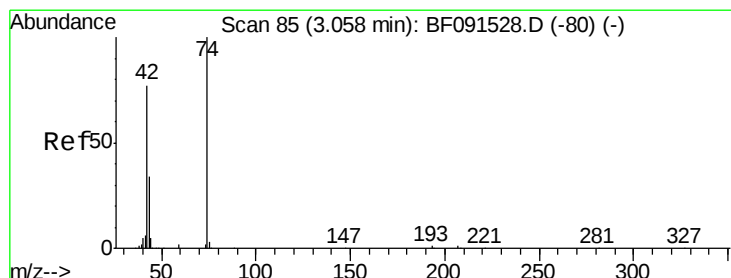
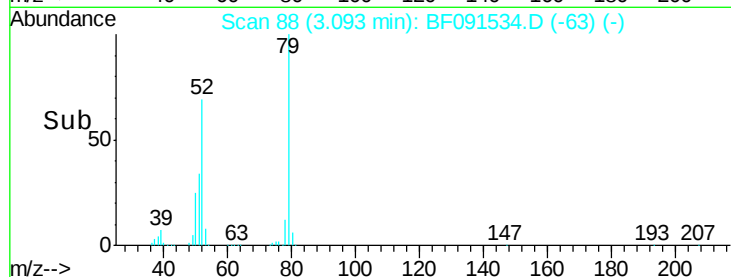
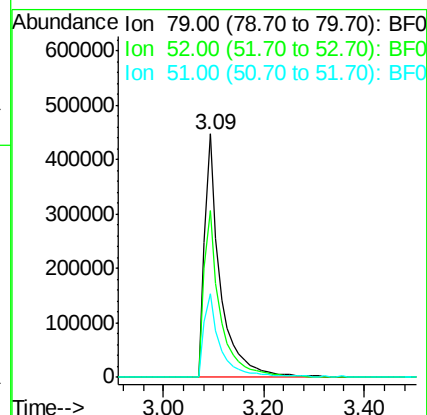
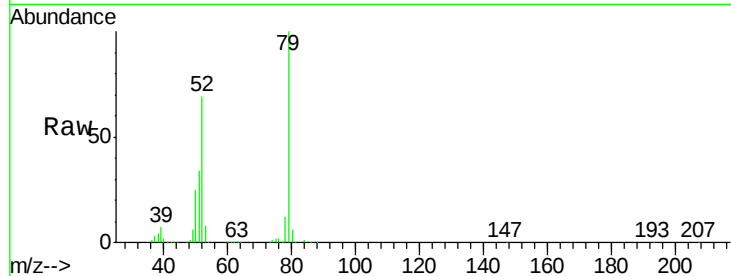
Tgt Ion: 79 Resp: 978656

Ion Ratio Lower Upper

79 100

52 68.6 71.0 106.4#

51 34.2 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 37.96 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

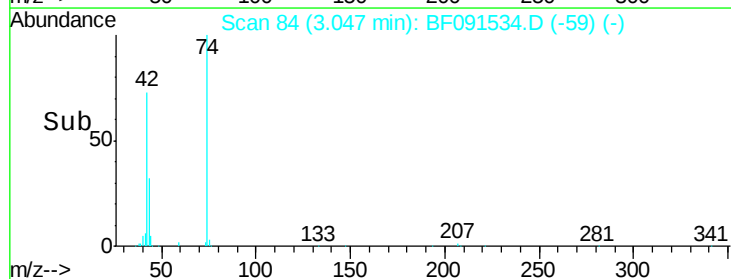
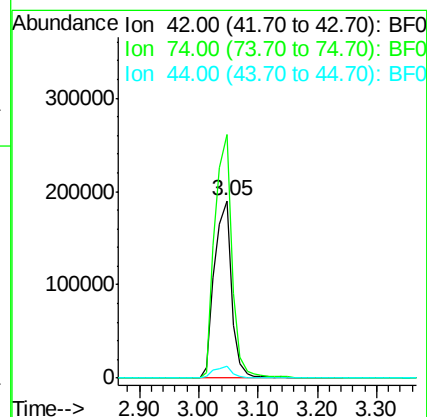
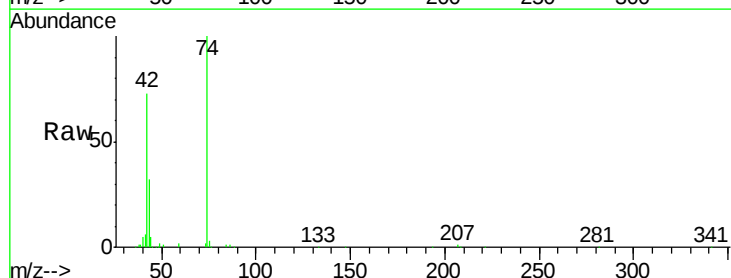
Tgt Ion: 42 Resp: 386791

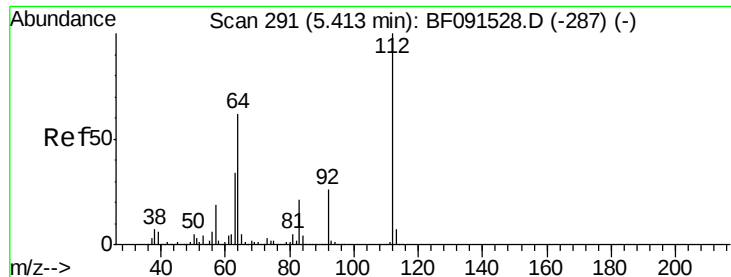
Ion Ratio Lower Upper

42 100

74 137.4 78.9 118.3#

44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 83.83 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

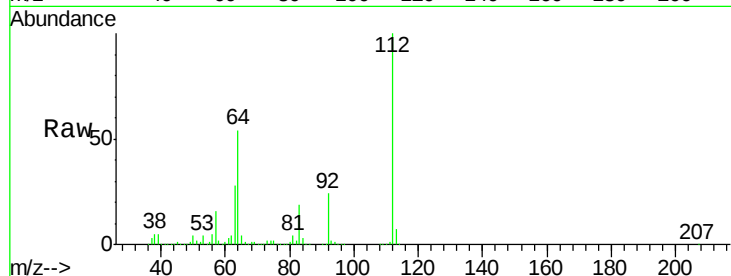
Tgt Ion:112 Resp: 1413726

Ion Ratio Lower Upper

112 100

64 53.7 61.5 92.3#

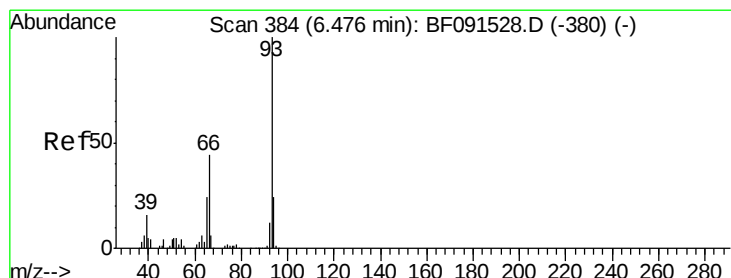
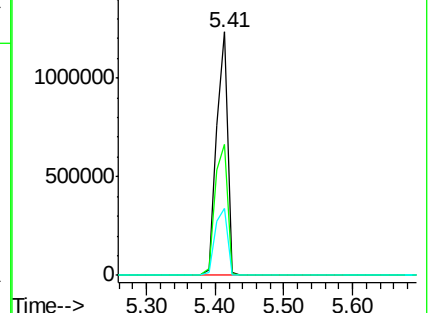
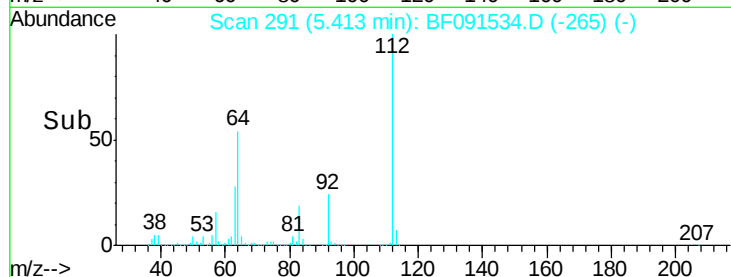
63 27.8 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.15 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

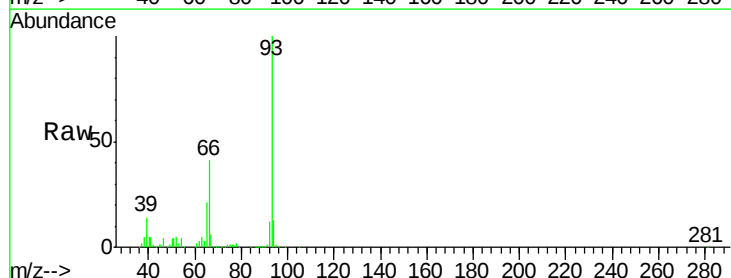
Tgt Ion: 93 Resp: 1079157

Ion Ratio Lower Upper

93 100

66 41.1 55.8 83.6#

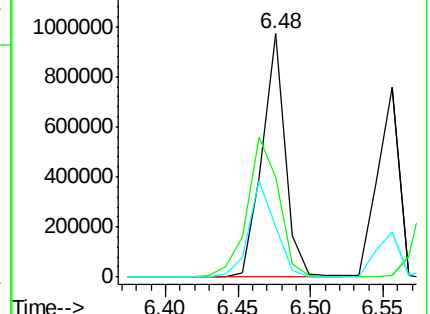
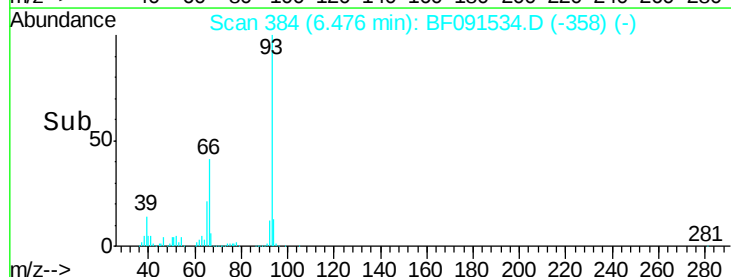
65 20.7 29.9 44.9#

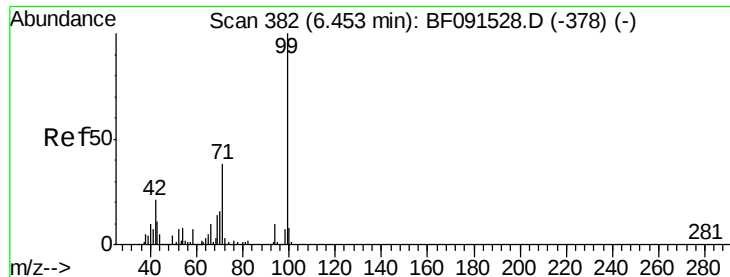


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.51 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

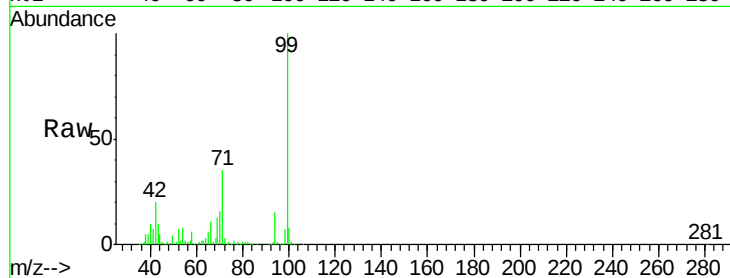
Tgt Ion: 99 Resp: 1608501

Ion Ratio Lower Upper

99 100

42 19.7 20.6 31.0#

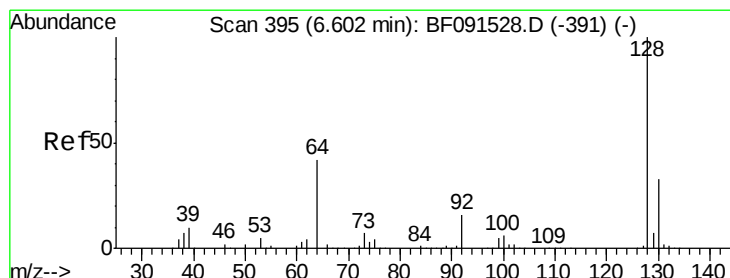
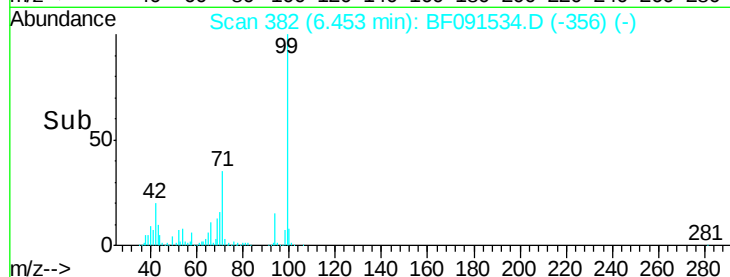
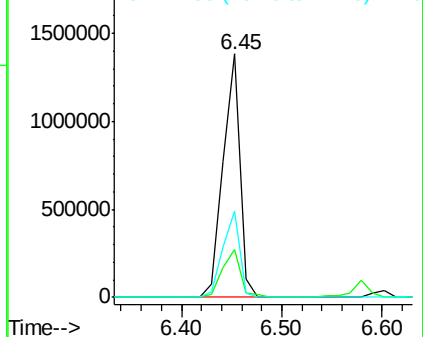
71 35.2 29.9 44.9



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: 39.94 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

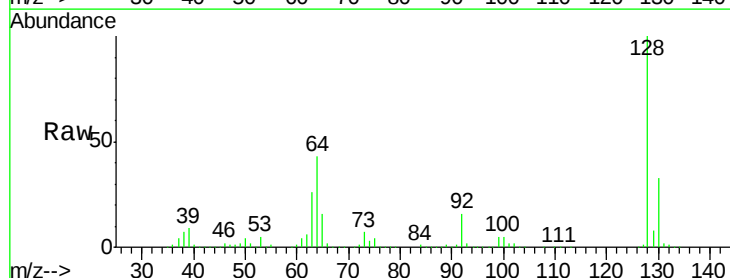
Tgt Ion: 128 Resp: 760333

Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

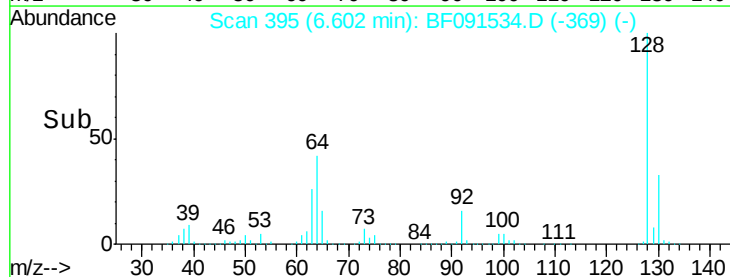
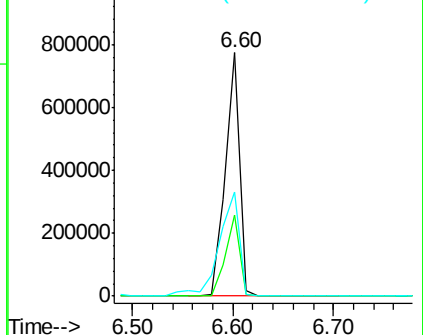
64 42.5 24.1 64.1

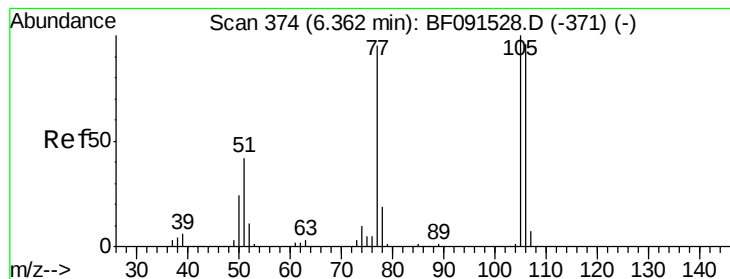


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.50 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.22 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

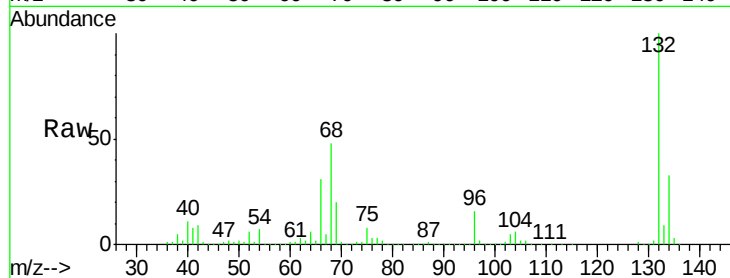
Tgt Ion: 77 Resp: 36219

Ion Ratio Lower Upper

77 100

105 78.8 66.4 106.4

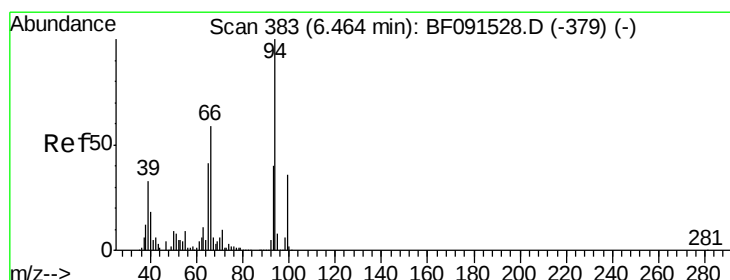
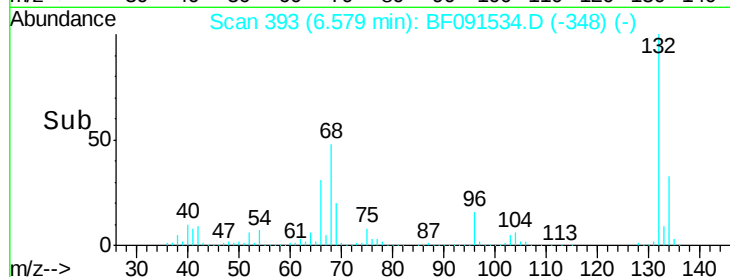
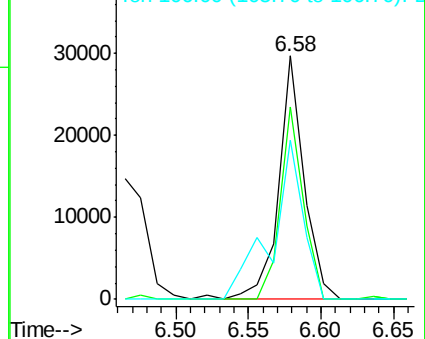
106 65.5 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.57 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

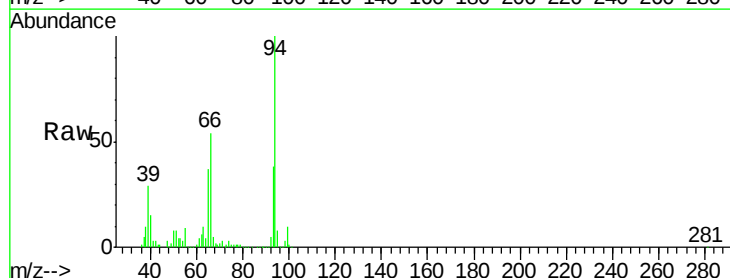
Tgt Ion: 94 Resp: 948084

Ion Ratio Lower Upper

94 100

65 37.4 16.9 56.9

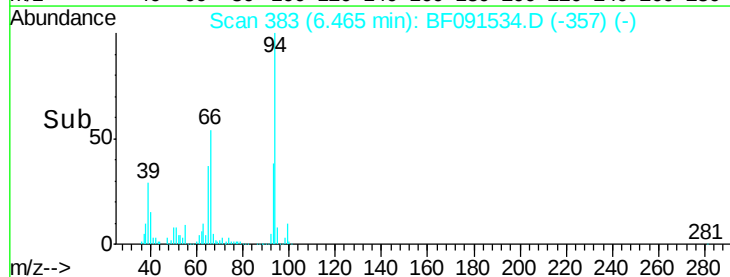
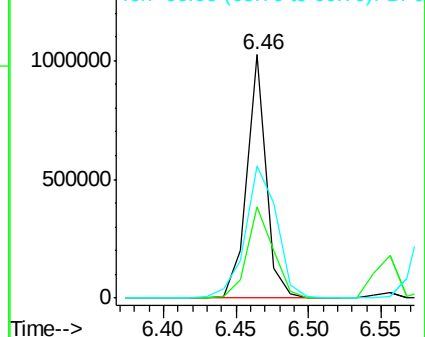
66 54.4 30.6 70.6

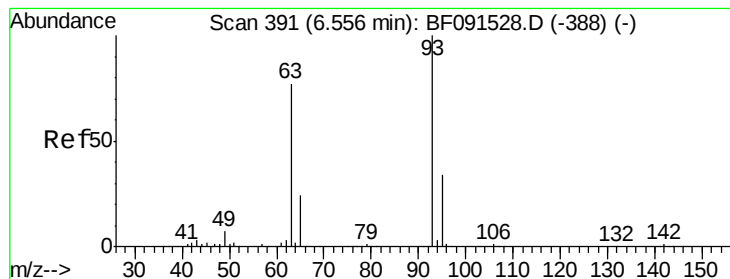


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.94 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

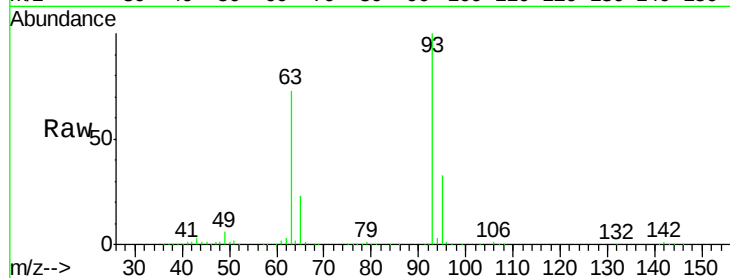
Tgt Ion: 93 Resp: 774404

Ion Ratio Lower Upper

93 100

63 72.6 74.8 114.8#

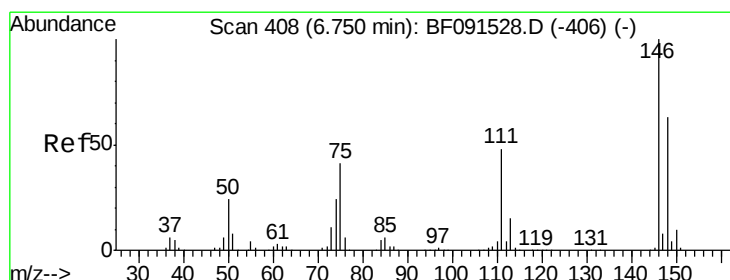
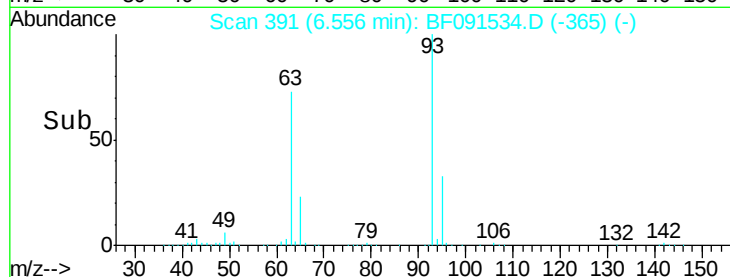
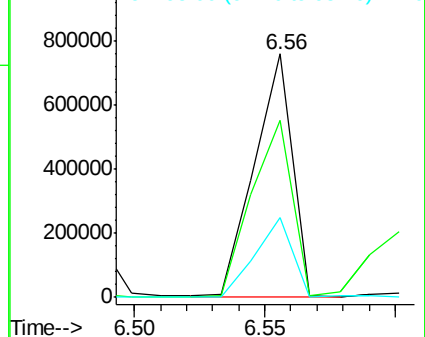
95 32.9 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.46 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.24 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

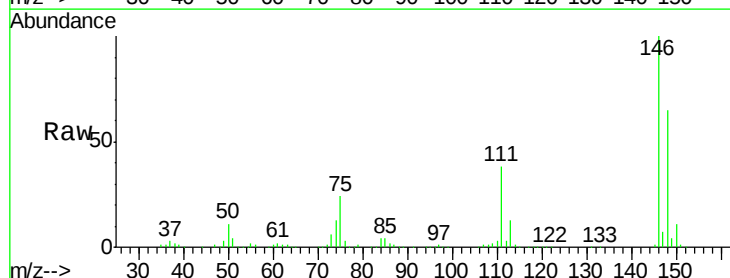
Tgt Ion: 146 Resp: 731952

Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.0

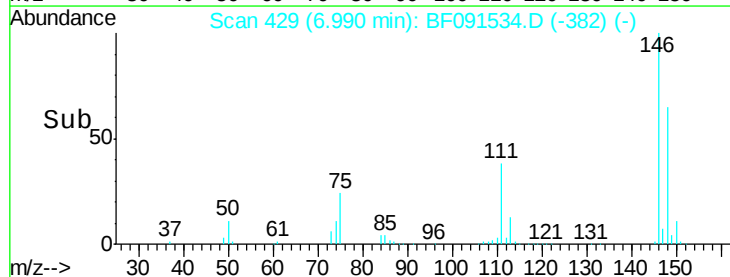
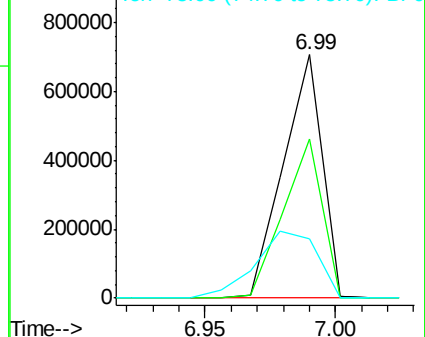
75 24.2 23.6 35.4

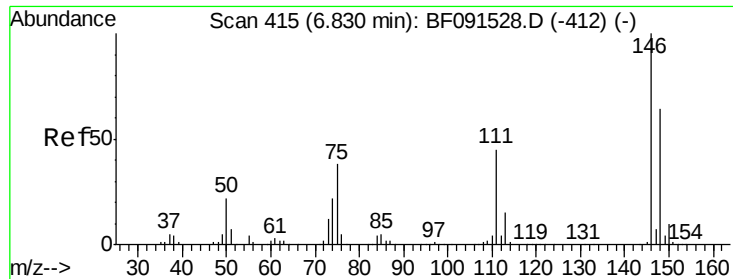


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

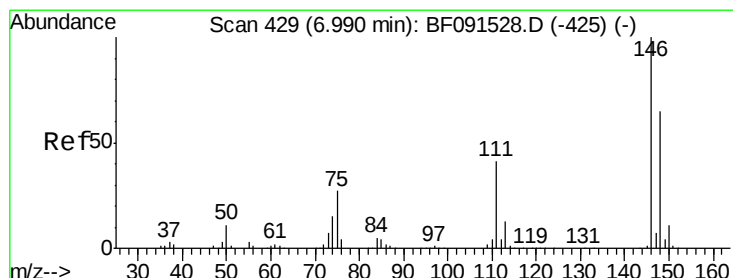
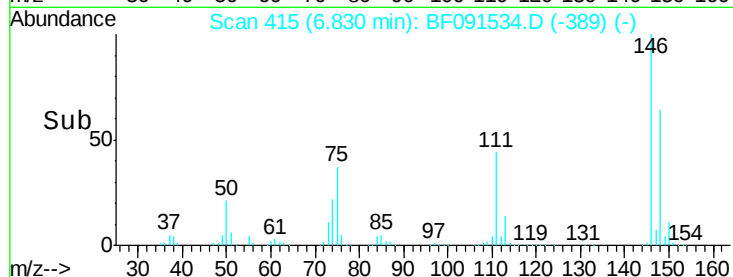
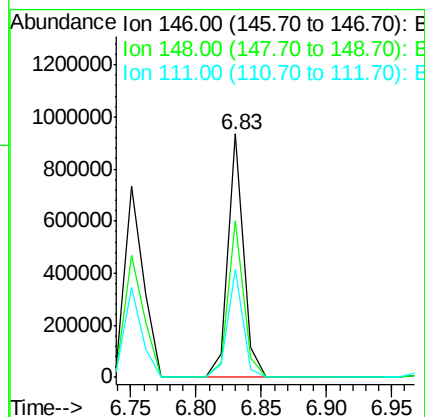
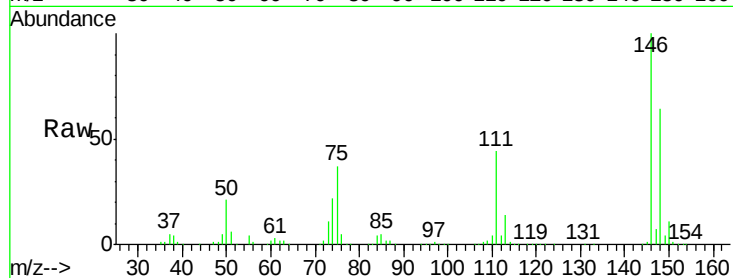




#13
 1,4-Dichlorobenzene
 Concen: 38.59 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

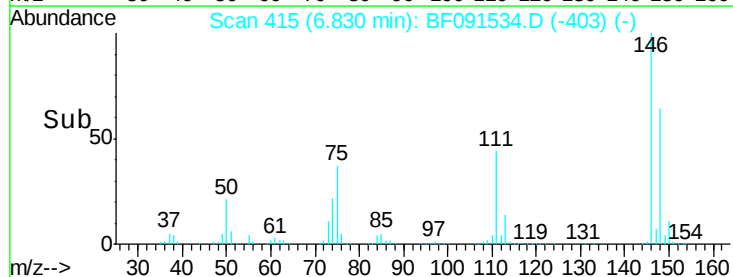
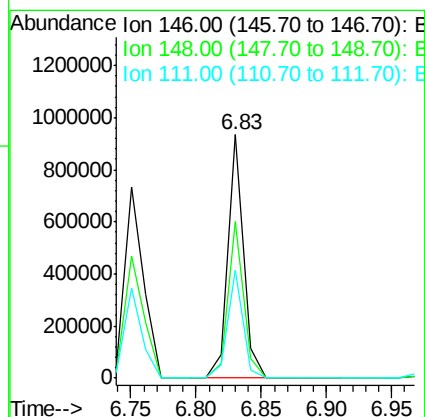
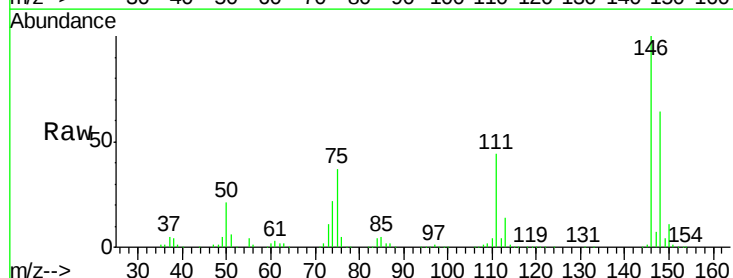
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

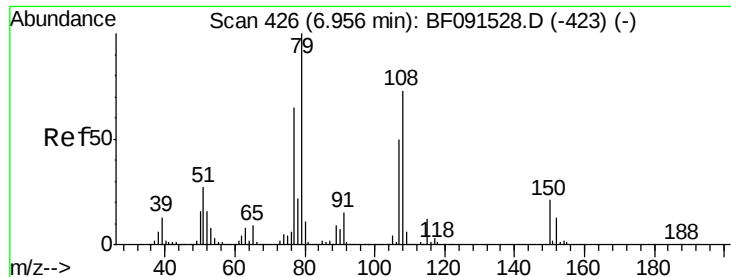
Tgt Ion:146 Resp: 785709
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.4 77.0
 111 44.5 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 42.82 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.16 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion:146 Resp: 785709
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.6
 111 44.5 38.9 58.3





#15

Benzyl Alcohol

Concen: 35.75 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

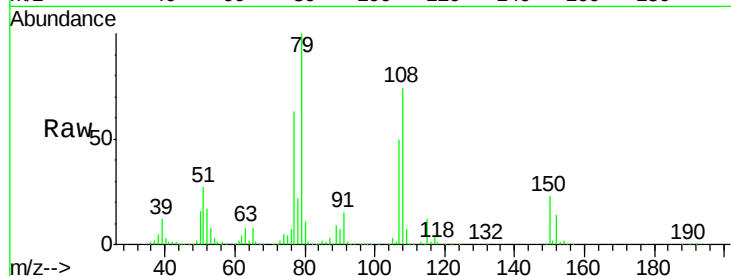
Tgt Ion: 79 Resp: 593371

Ion Ratio Lower Upper

79 100

108 73.6 62.7 94.1

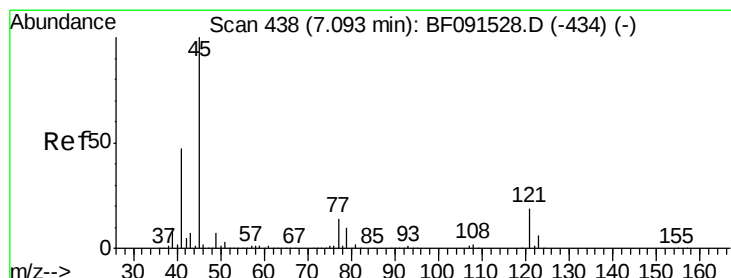
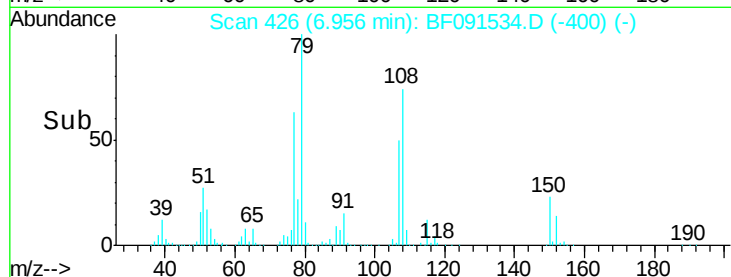
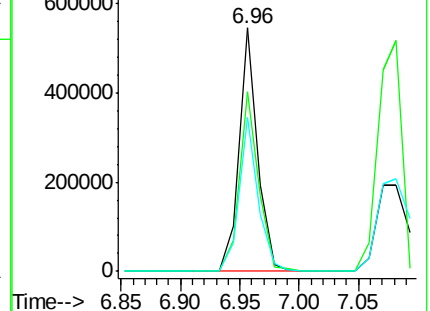
77 63.2 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.27 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

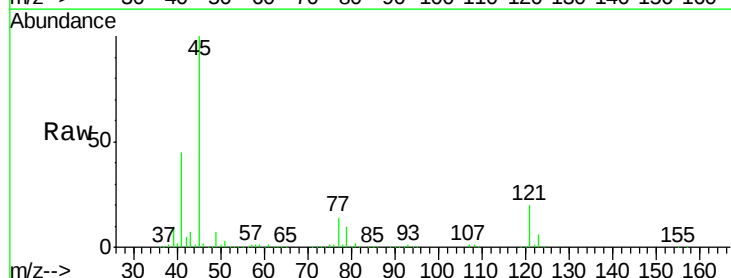
Tgt Ion: 45 Resp: 1152356

Ion Ratio Lower Upper

45 100

77 13.9 3.8 43.8

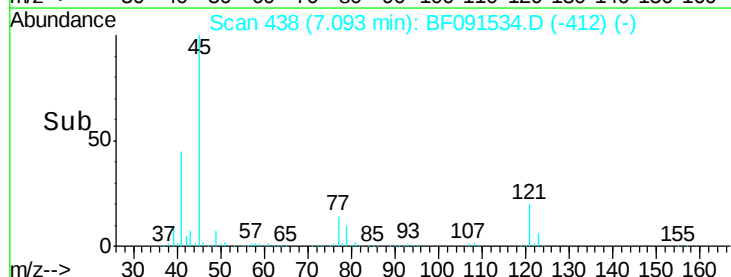
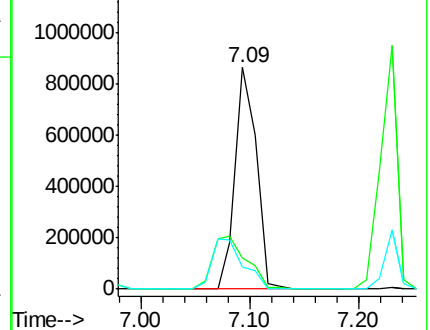
79 10.2 0.2 40.2

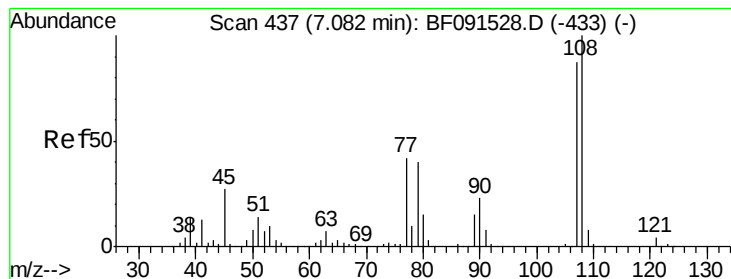


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.20 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 617397

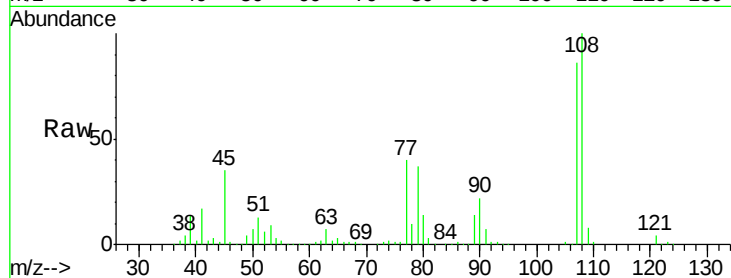
Ion Ratio Lower Upper

107 100

108 115.6 67.7 101.5#

77 46.3 40.7 61.1

79 43.1 23.4 35.2#

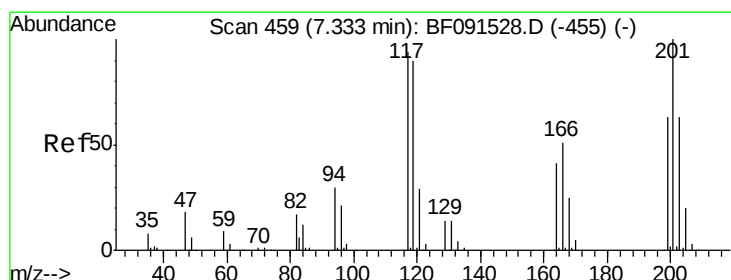
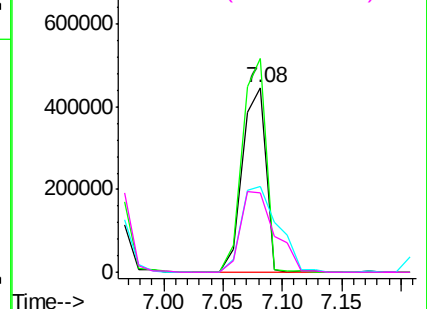
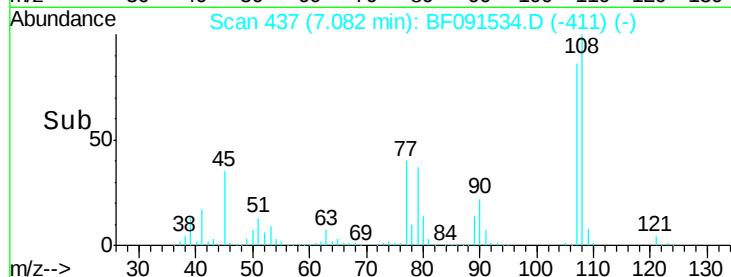


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.39 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

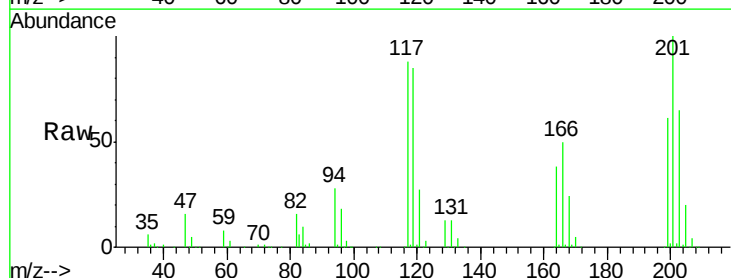
Tgt Ion:117 Resp: 305031

Ion Ratio Lower Upper

117 100

119 96.5 78.6 118.0

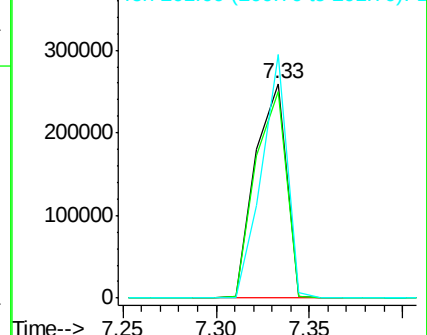
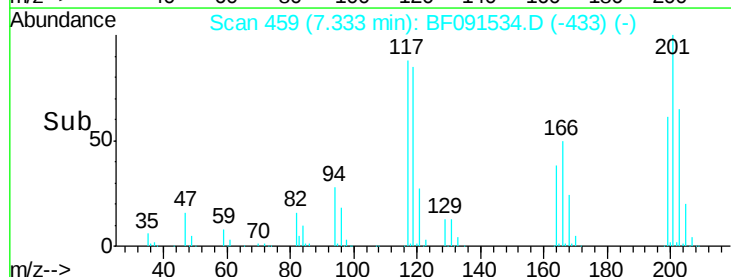
201 113.5 86.7 130.1

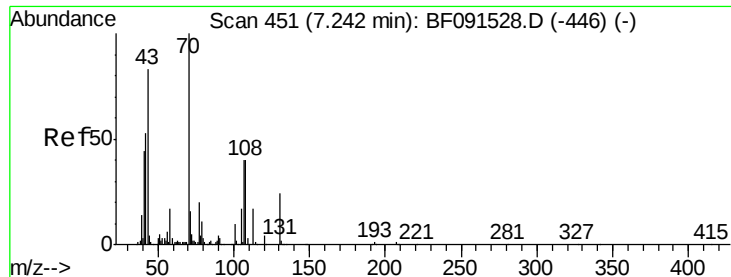


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

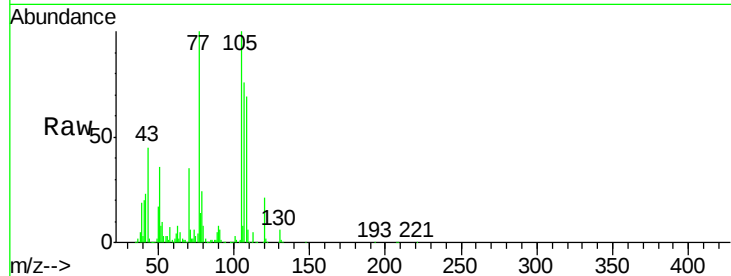




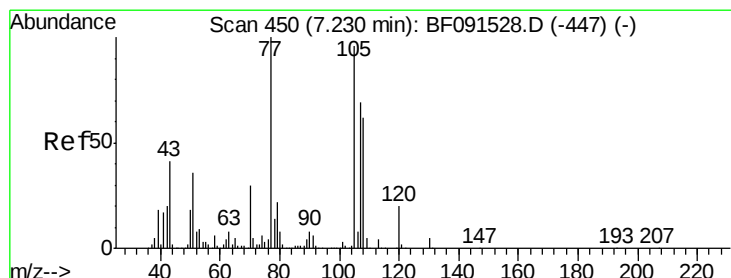
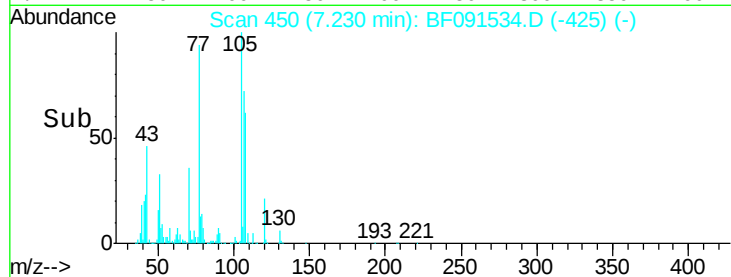
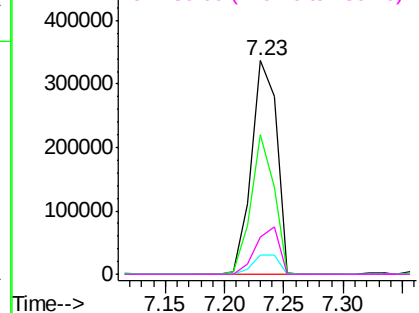
#19
n-Nitroso-di-n-propylamine
Concen: 38.43 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 505262
Ion Ratio Lower Upper
70 100
42 65.4 64.8 97.2
101 8.8 6.2 9.4
130 17.2 11.7 17.5



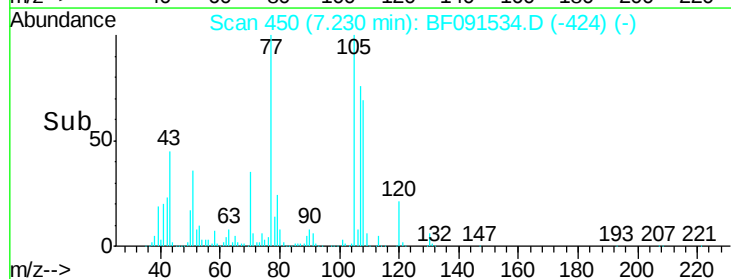
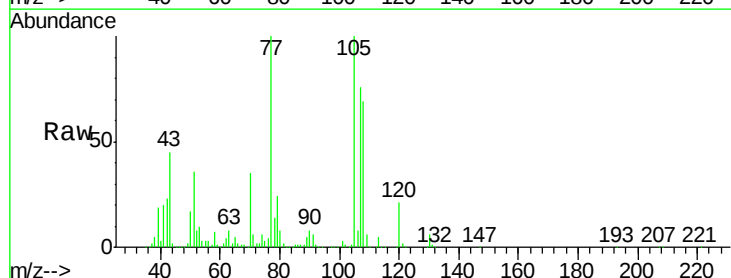
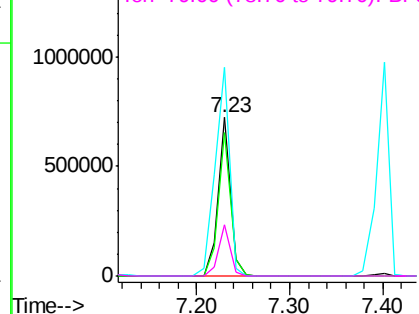
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

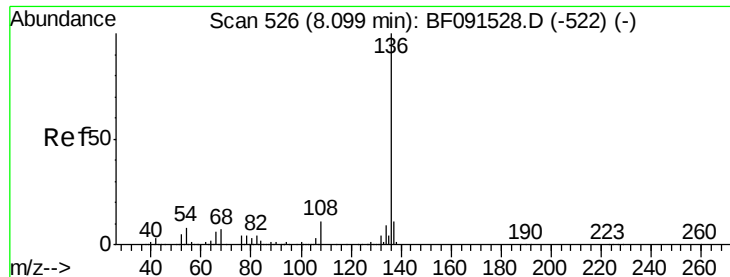


#20
3+4-Methylphenols
Concen: 38.14 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Tgt Ion: 107 Resp: 656848
Ion Ratio Lower Upper
107 100
108 90.6 64.6 104.6
77 131.6 30.9 70.9#
79 32.1 9.3 49.3

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

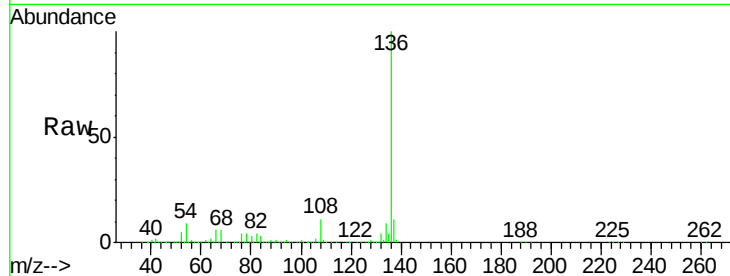




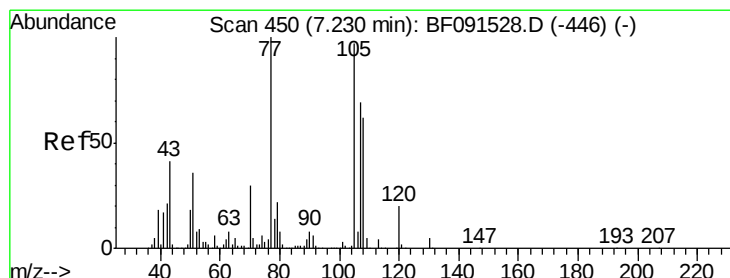
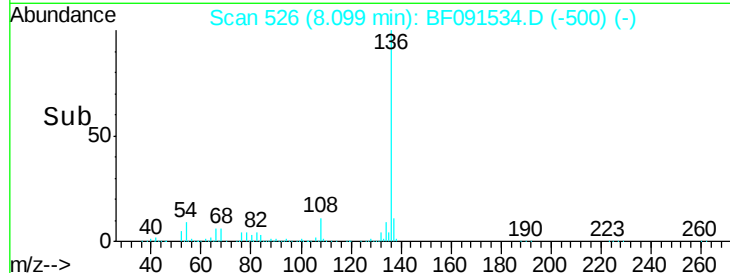
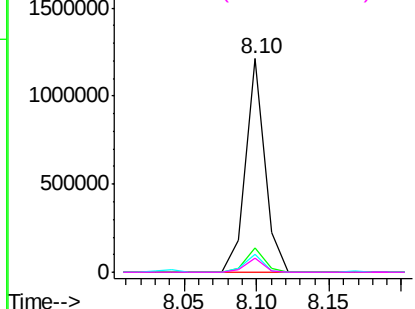
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1115008
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.5 9.1 13.7#
68 6.4 5.9 8.9

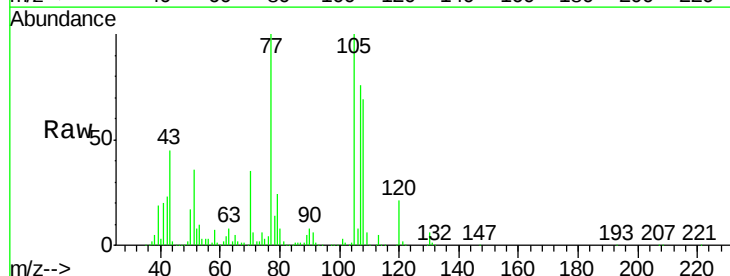


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

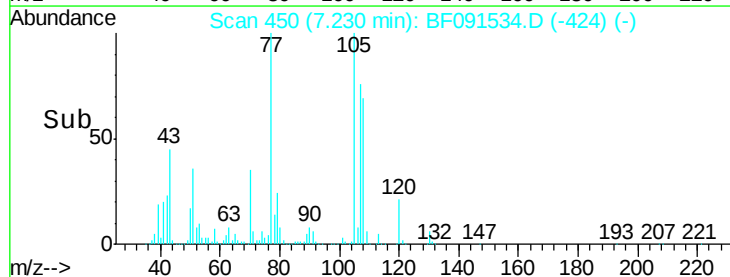
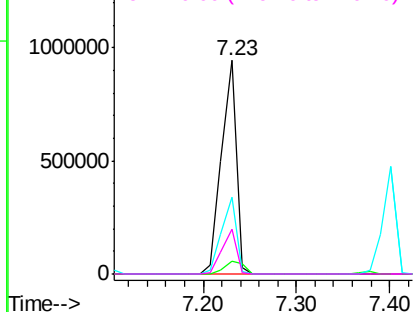


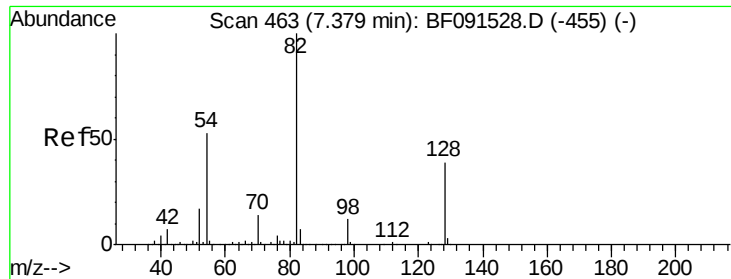
#22
Acetophenone
Concen: 39.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Tgt Ion:105 Resp: 1041828
Ion Ratio Lower Upper
105 100
71 5.9 7.9 11.9#
51 35.9 24.5 36.7
120 21.0 16.6 24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

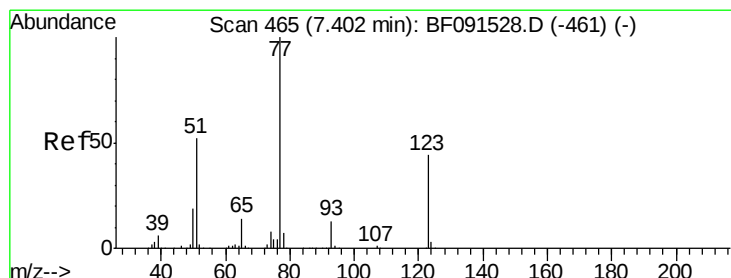
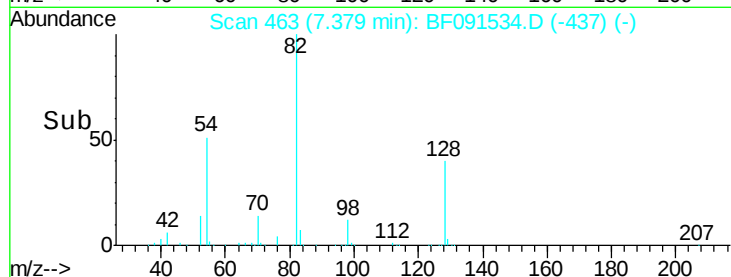
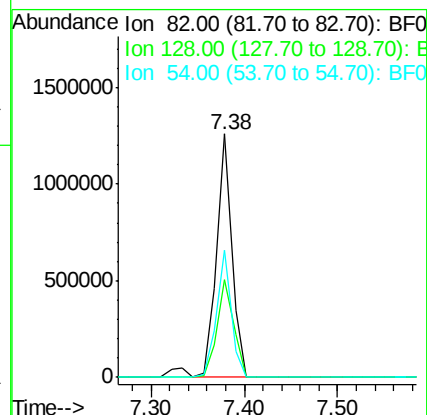
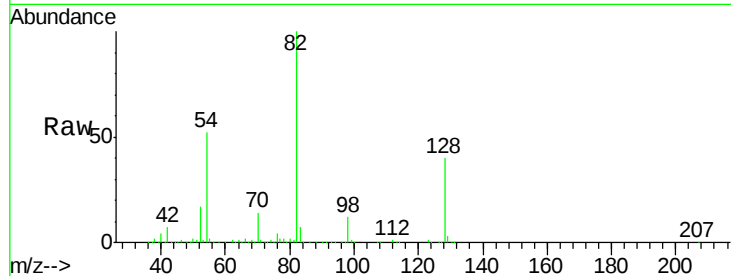




#23
 Nitrobenzene-d5
 Concen: 71.99 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

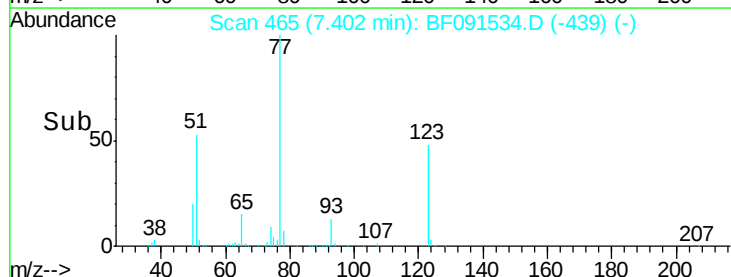
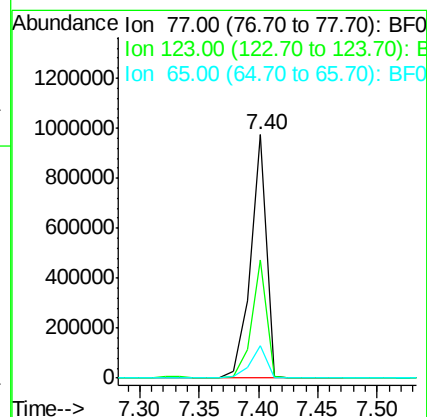
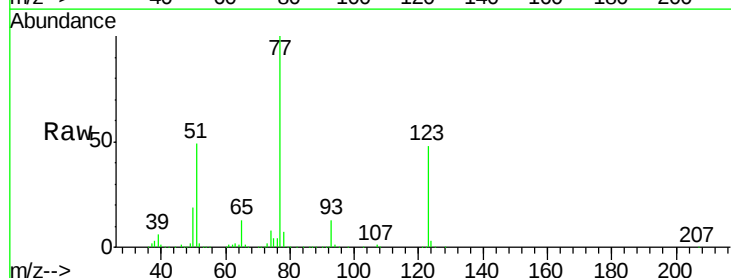
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

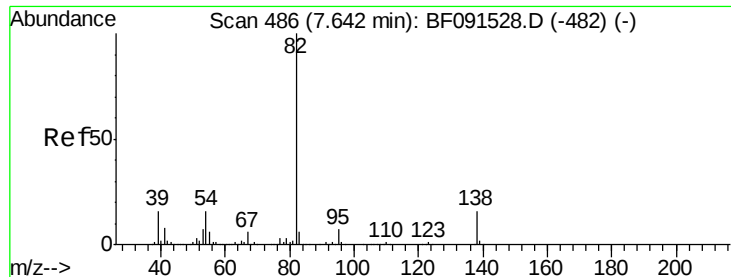
Tgt Ion: 82 Resp: 1438165
 Ion Ratio Lower Upper
 82 100
 128 40.4 31.8 47.6
 54 52.2 49.1 73.7



#24
 Nitrobenzene
 Concen: 42.93 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion: 77 Resp: 906110
 Ion Ratio Lower Upper
 77 100
 123 48.3 28.5 42.7#
 65 13.3 12.5 18.7





#25

Isophorone

Concen: 39.14 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

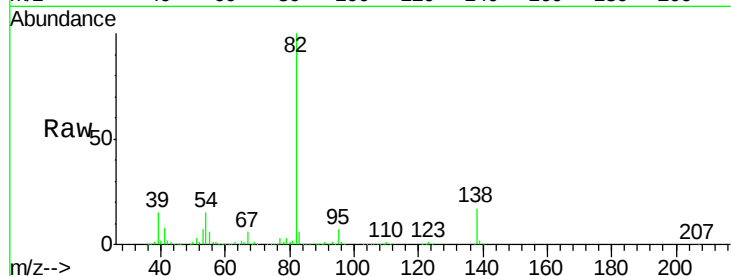
Tgt Ion: 82 Resp: 1389938

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

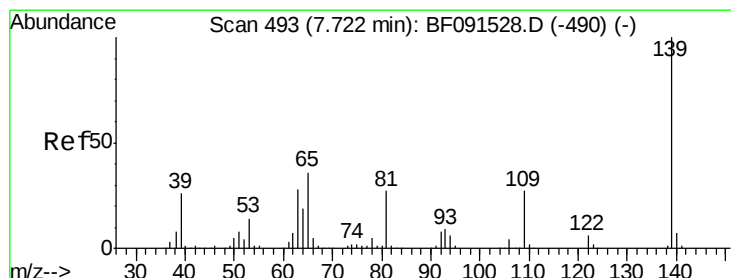
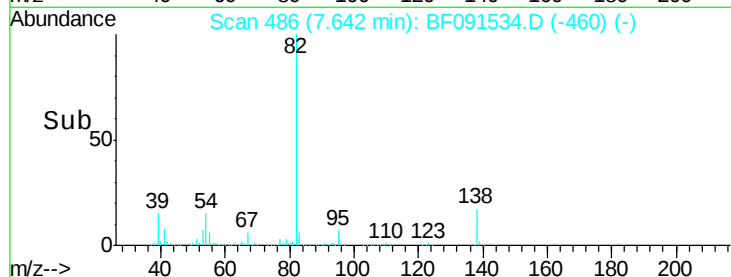
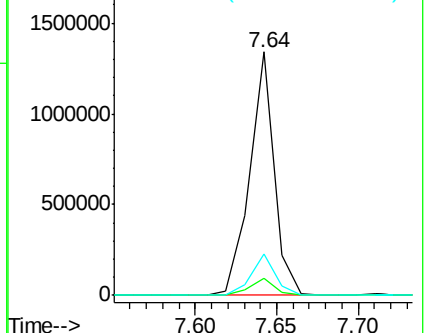
138 16.8 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.14 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

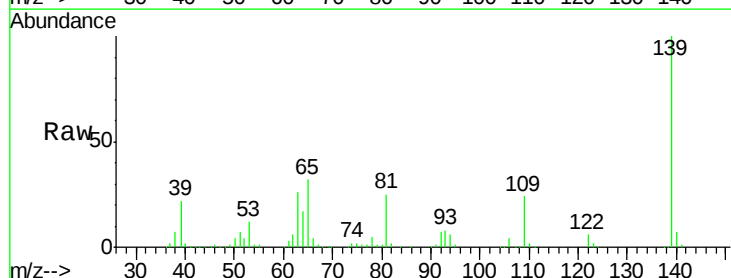
Tgt Ion: 139 Resp: 373906

Ion Ratio Lower Upper

139 100

109 24.1 25.3 37.9#

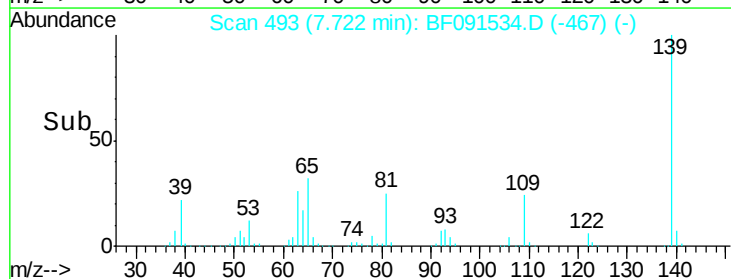
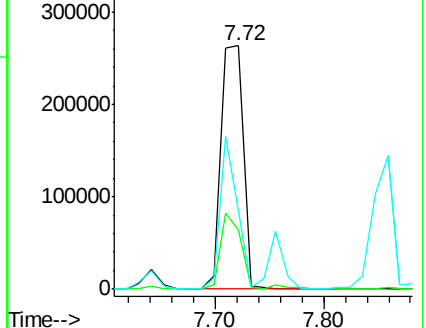
65 32.2 55.4 83.2#

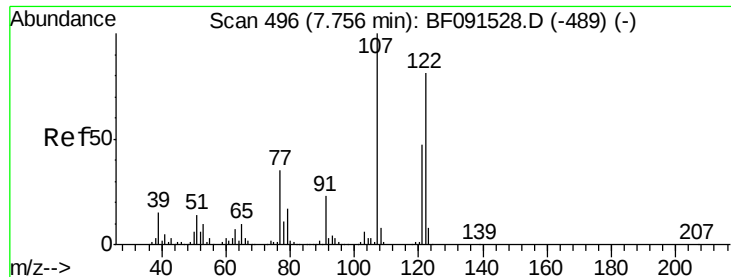


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.42 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

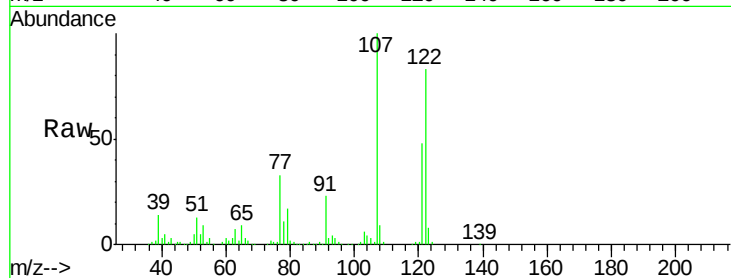
Tgt Ion:122 Resp: 612212

Ion Ratio Lower Upper

122 100

107 120.2 96.8 145.2

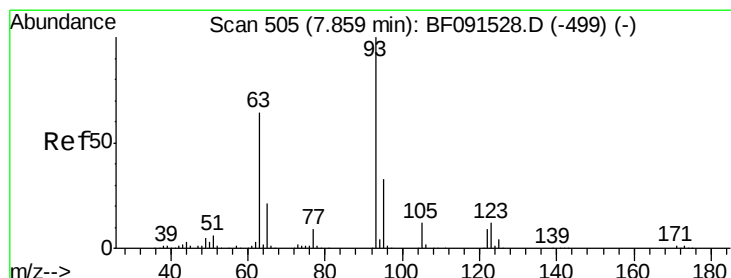
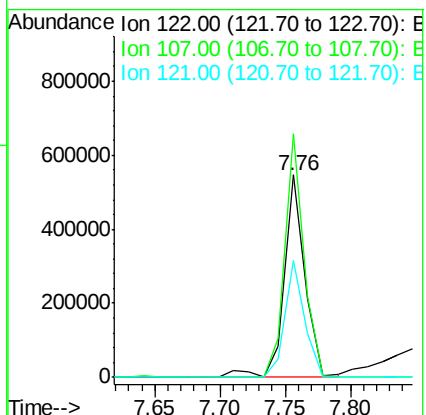
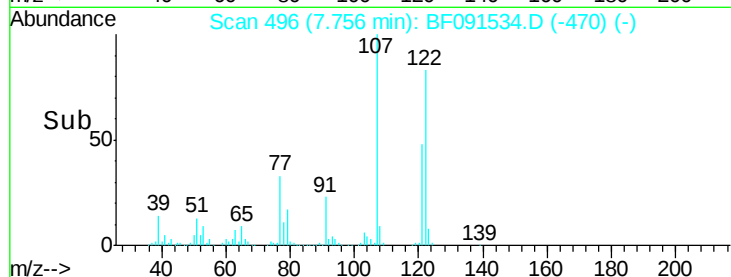
121 57.6 47.7 71.5



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: 40.92 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

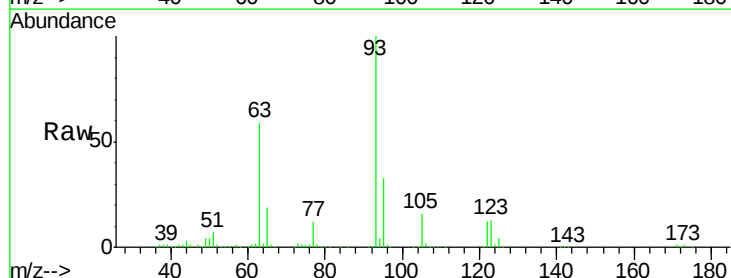
Tgt Ion: 93 Resp: 852429

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

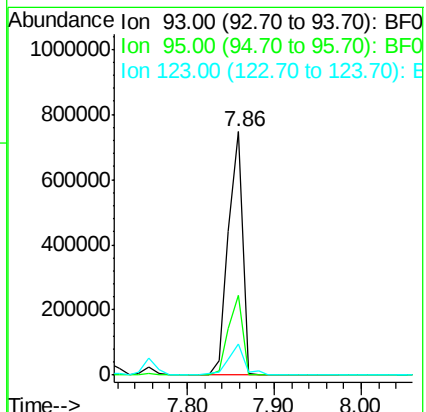
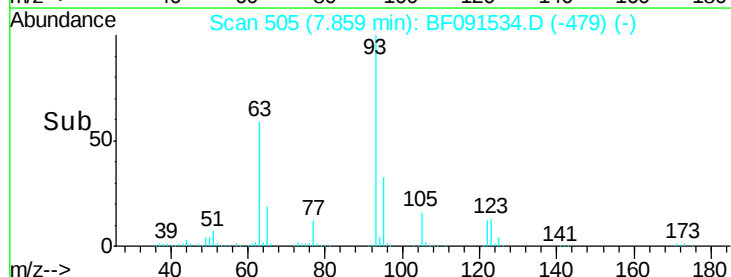
123 12.8 8.6 12.8

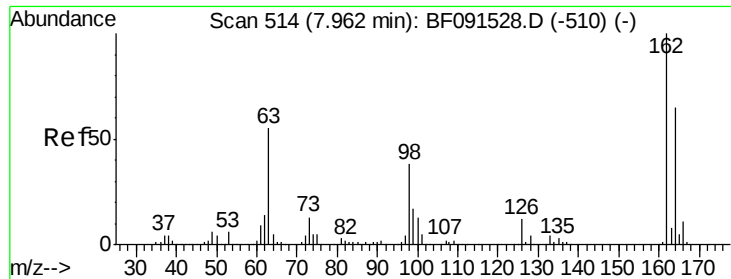


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

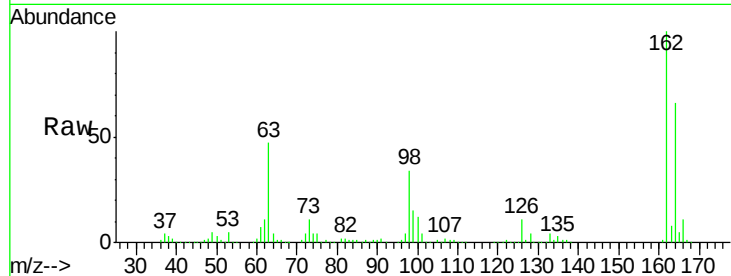




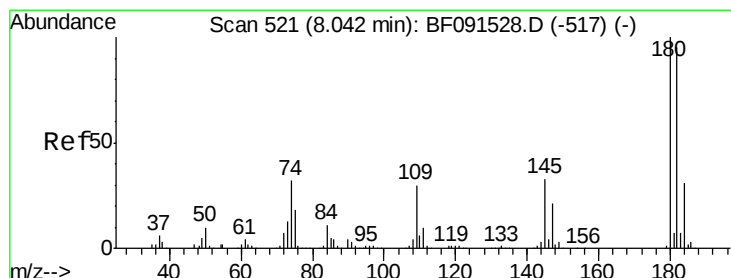
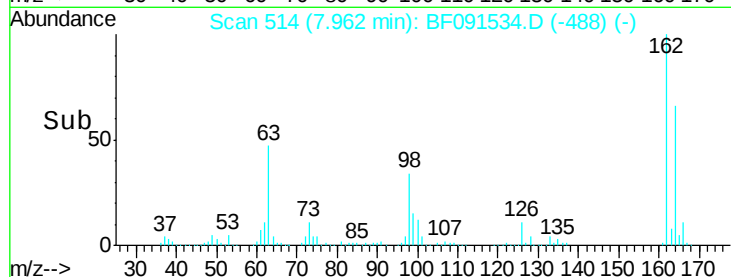
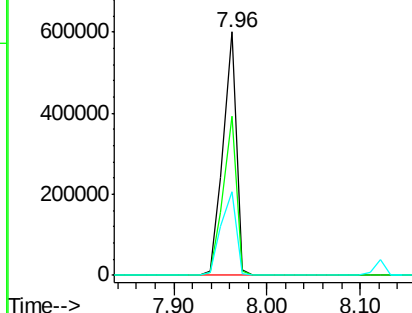
#29
 2,4-Dichlorophenol
 Concen: 42.11 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.0	85.0
98	34.3	21.3	61.3

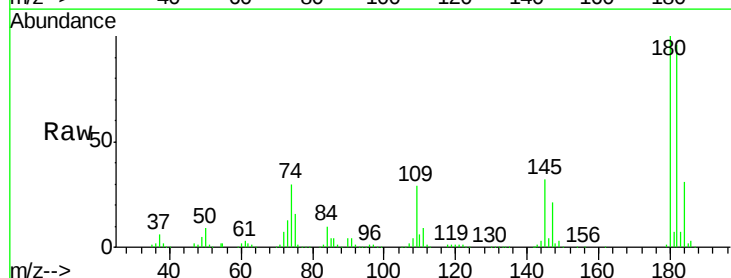


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

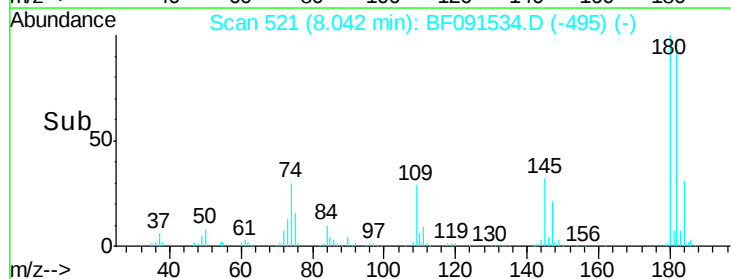
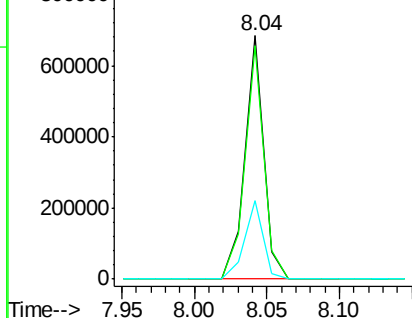


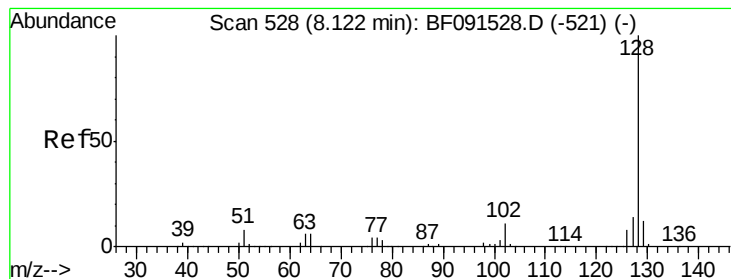
#30
 1,2,4-Trichlorobenzene
 Concen: 38.04 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.8
145	32.5	27.0	40.4



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: 38.08 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

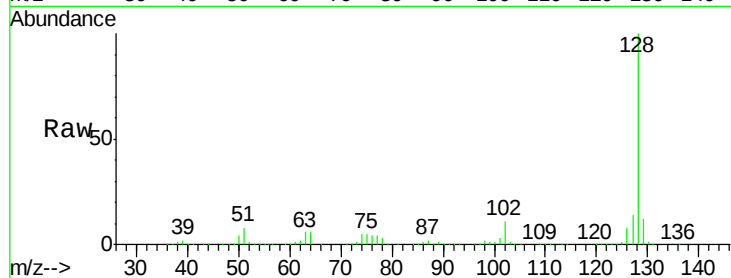
Tgt Ion:128 Resp: 1975734

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

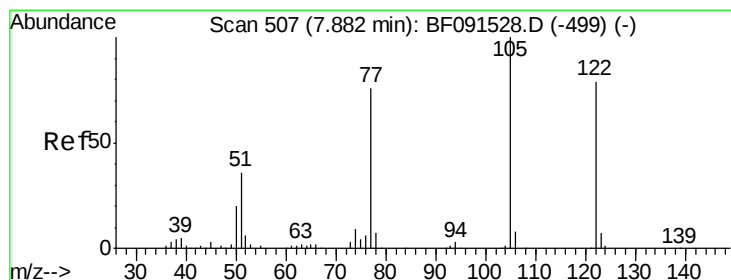
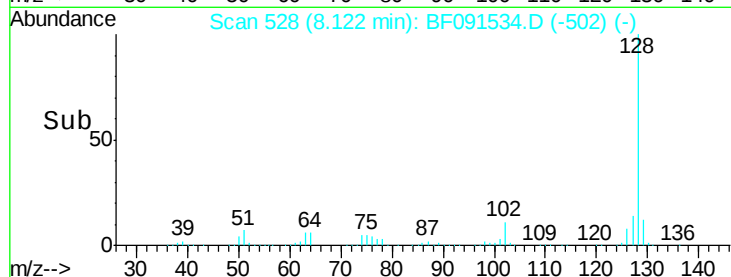
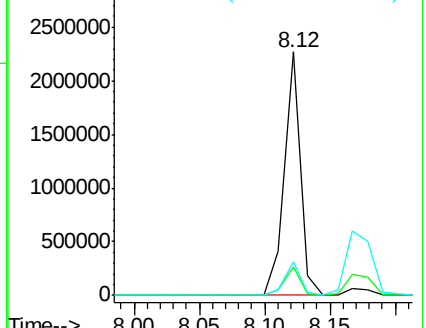
127 13.8 11.0 16.4



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: 39.43 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

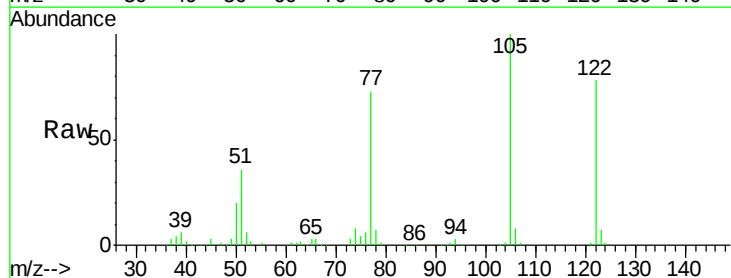
Tgt Ion:122 Resp: 451505

Ion Ratio Lower Upper

122 100

105 128.8 113.0 153.0

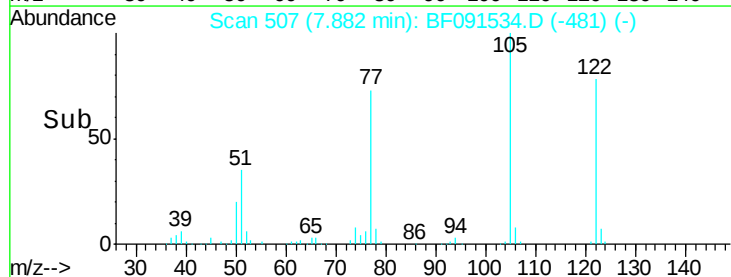
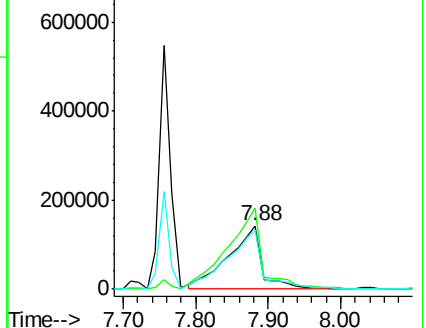
77 94.0 82.0 122.0

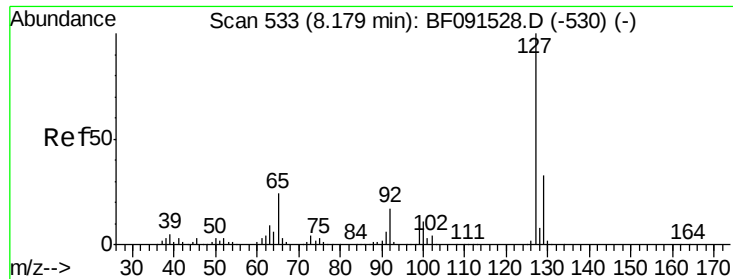


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

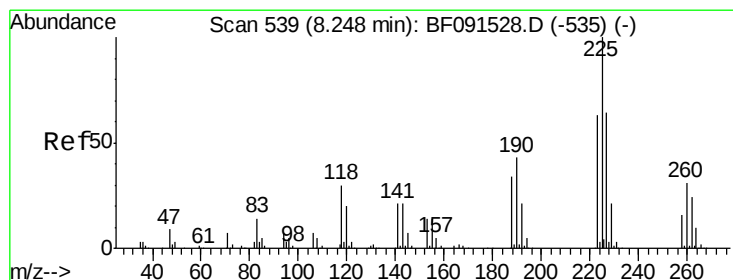
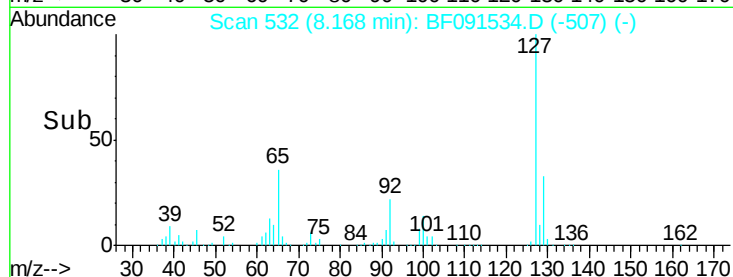
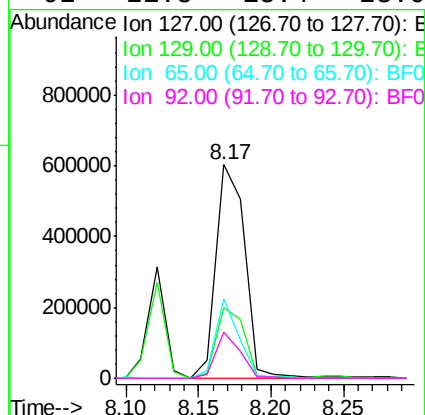
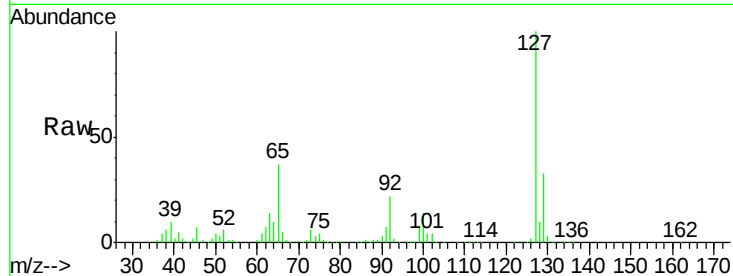




#33
4-Chloroaniline
Concen: 37.10 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

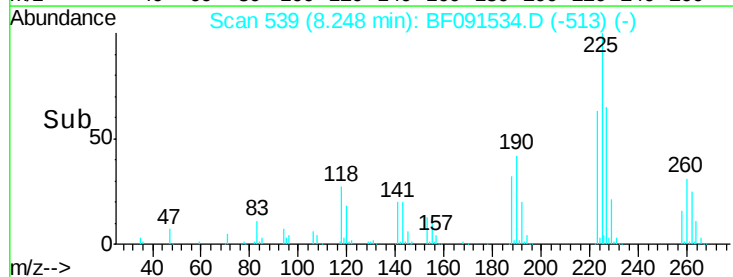
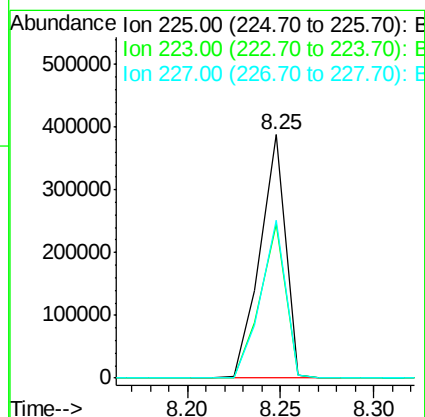
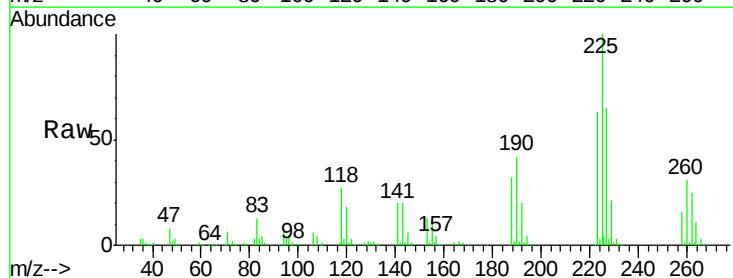
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

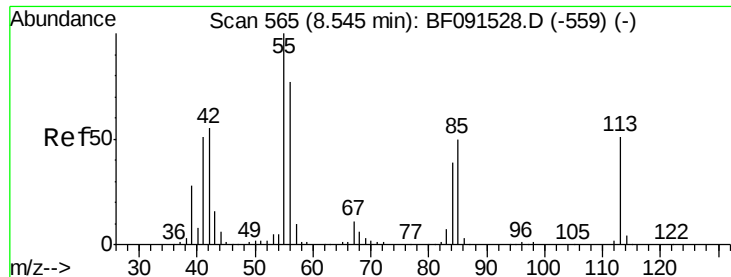
Tgt Ion:	127	Resp:	829110
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	37.0	26.6	39.8
92	21.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.51 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Tgt Ion:	225	Resp:	366480
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	64.8	52.6	79.0

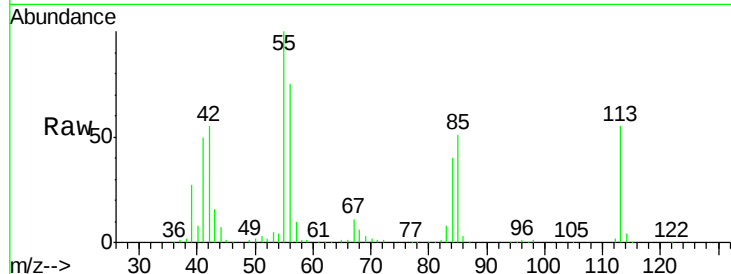




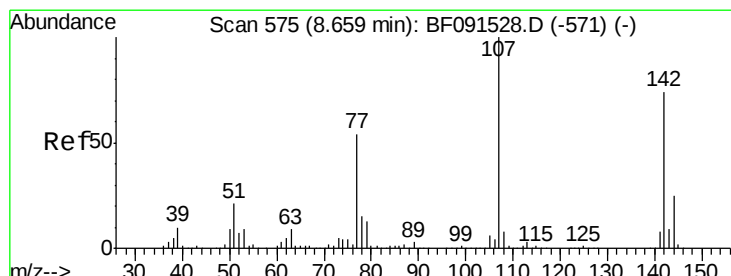
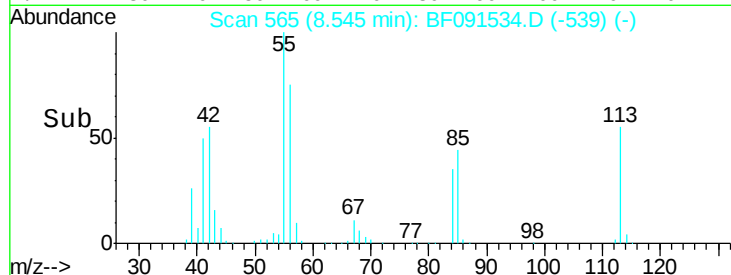
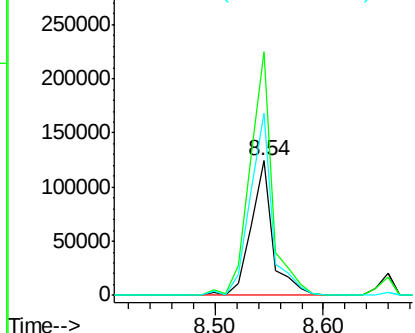
#35
 Caprolactam
 Concen: 41.52 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 172618
 Ion Ratio Lower Upper
 113 100
 55 181.2 239.8 279.8#
 56 135.5 165.6 205.6#

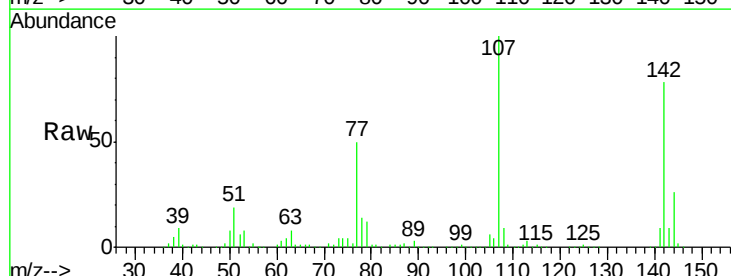


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

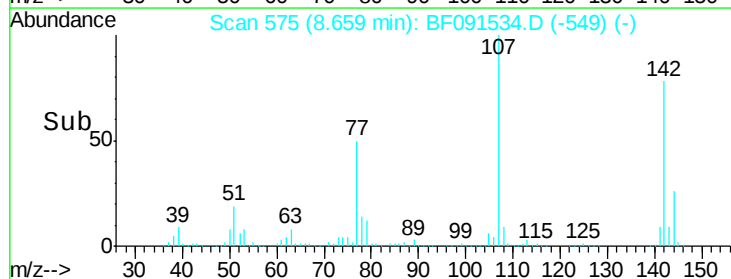
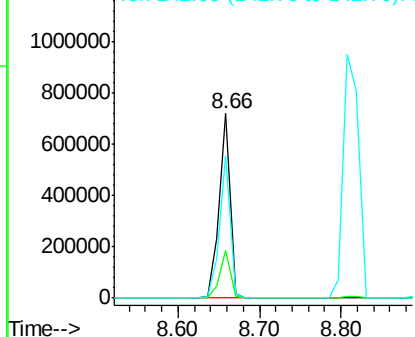


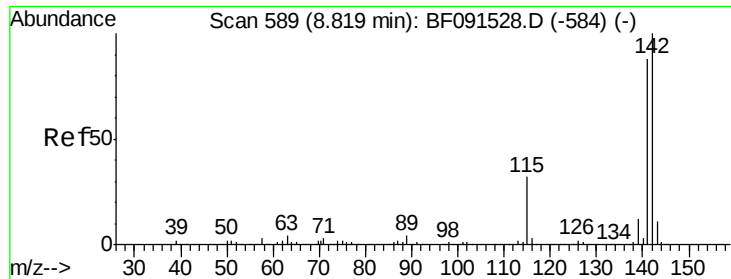
#36
 4-Chloro-3-methylphenol
 Concen: 42.08 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion:107 Resp: 671912
 Ion Ratio Lower Upper
 107 100
 144 25.6 18.9 28.3
 142 77.6 58.5 87.7



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

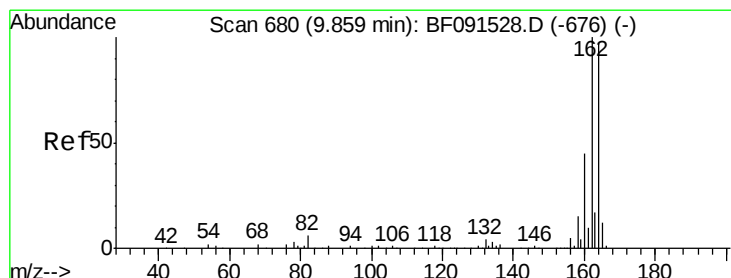
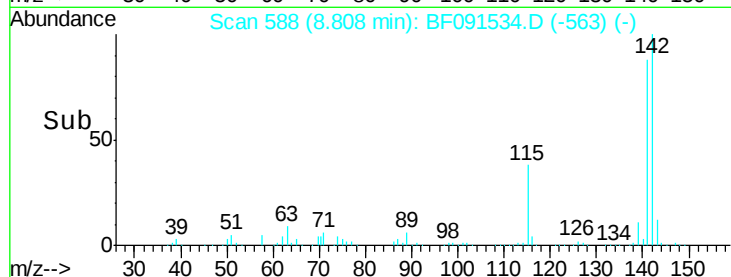
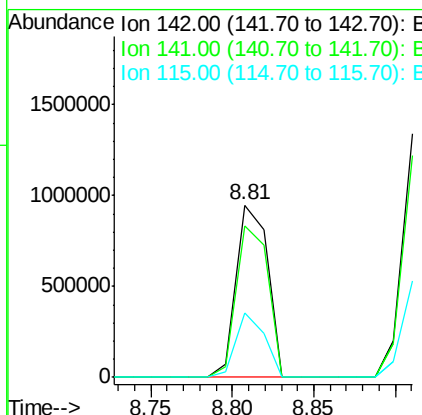
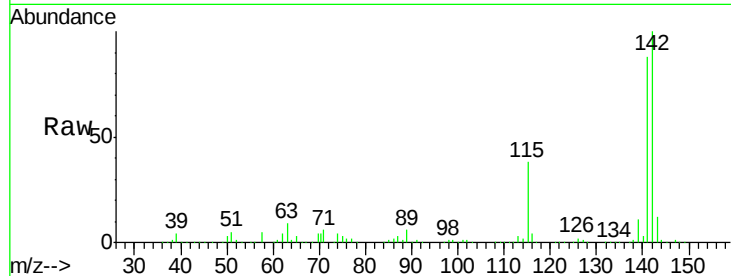




#37
2-Methylnaphthalene
Concen: 37.52 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

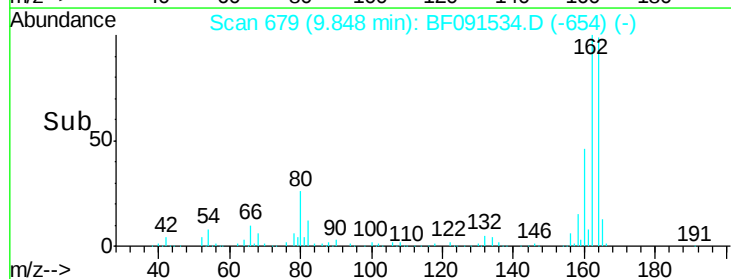
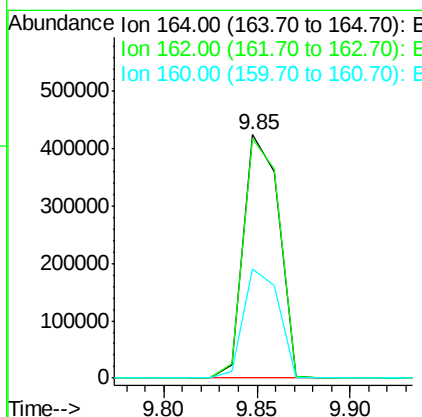
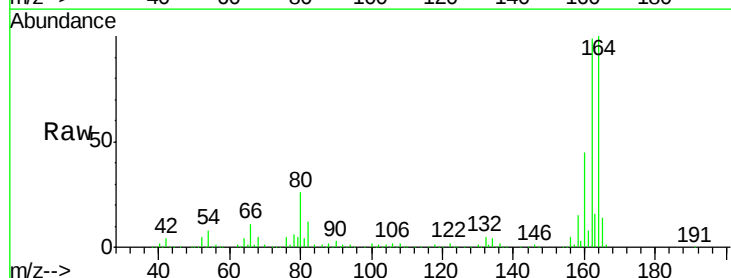
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

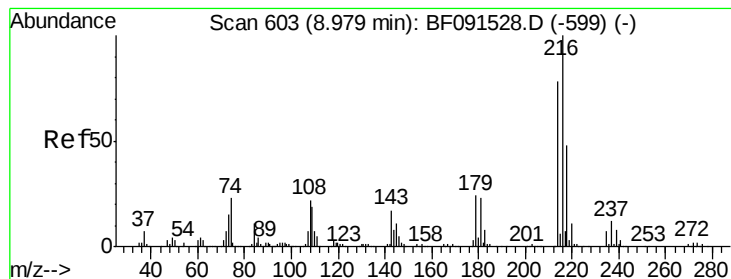
Tgt Ion:142 Resp: 1259742
Ion Ratio Lower Upper
142 100
141 88.2 71.7 107.5
115 37.5 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Tgt Ion:164 Resp: 555364
Ion Ratio Lower Upper
164 100
162 98.7 82.6 124.0
160 44.9 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.60 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 557432

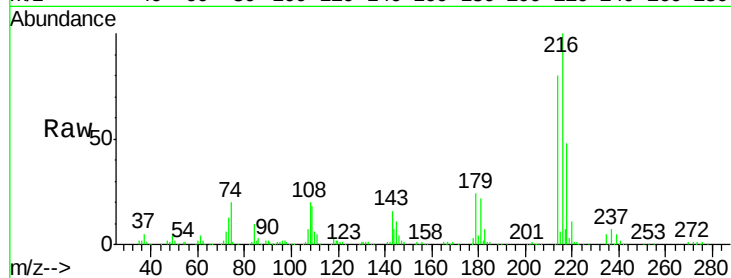
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 23.8 18.2 27.2

108 23.1 17.2 25.8

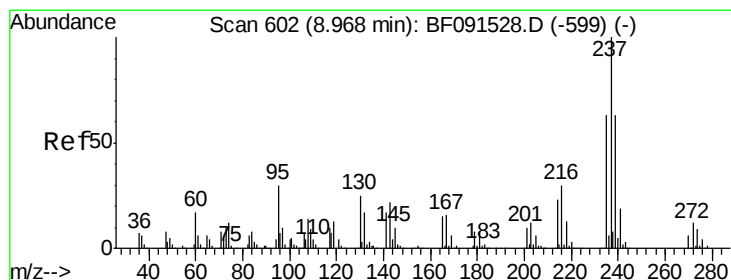
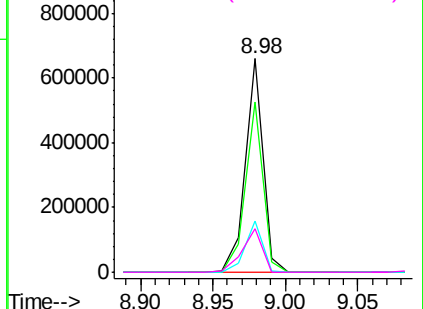
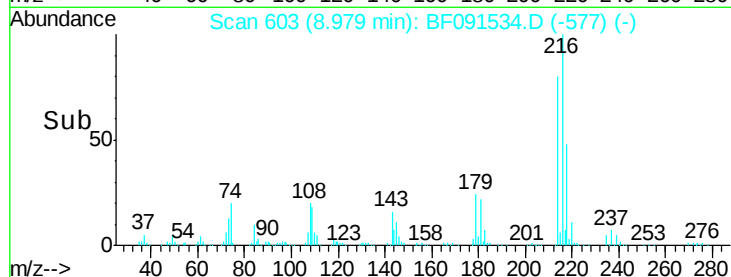


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.46 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

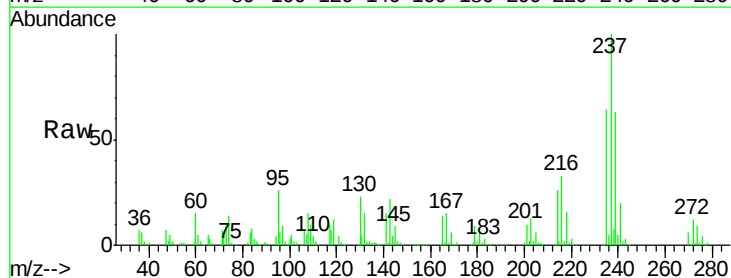
Tgt Ion:237 Resp: 274739

Ion Ratio Lower Upper

237 100

235 63.8 43.9 83.9

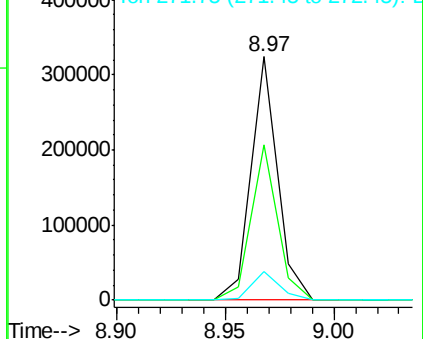
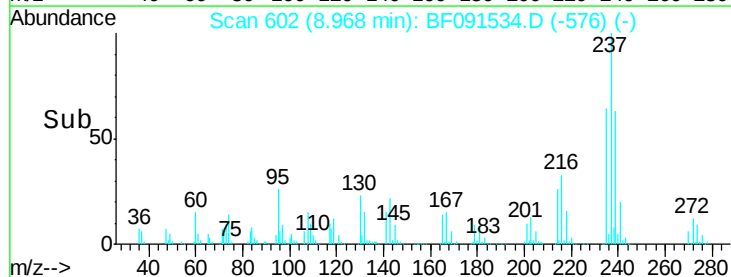
272 11.9 0.0 33.1

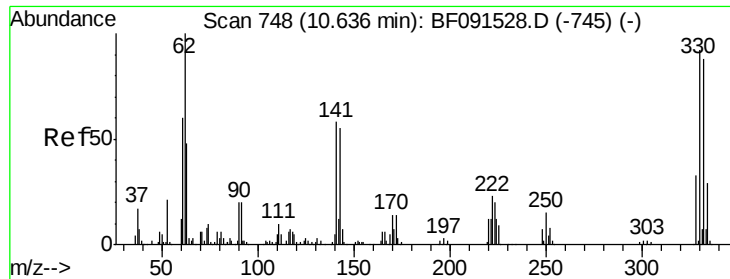


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

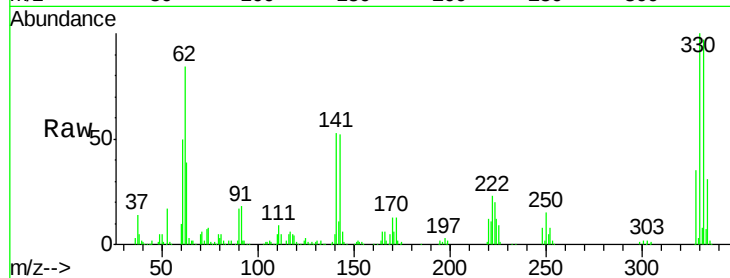




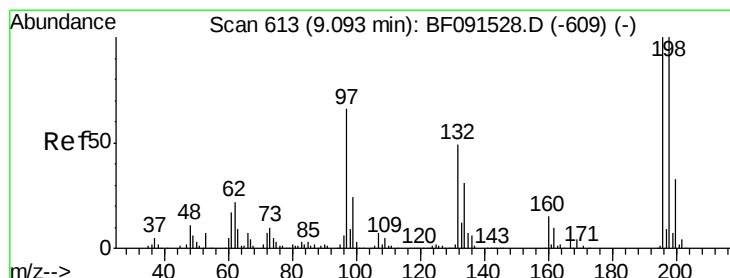
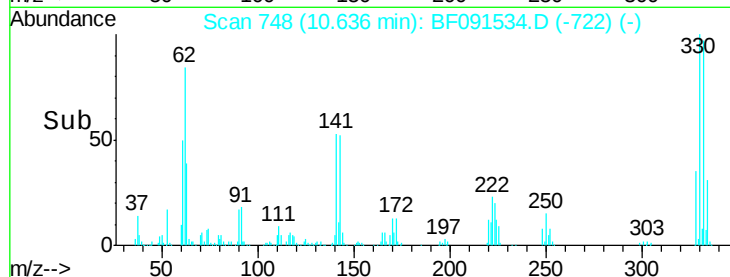
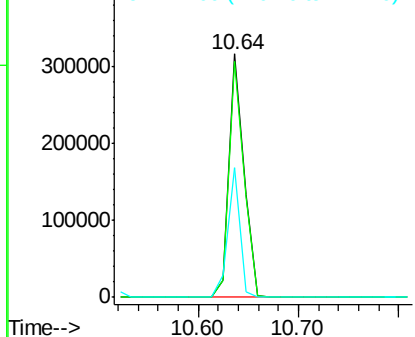
#41
 2,4,6-Tribromophenol
 Concen: 71.21 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 328466
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 43.4 33.6 50.4

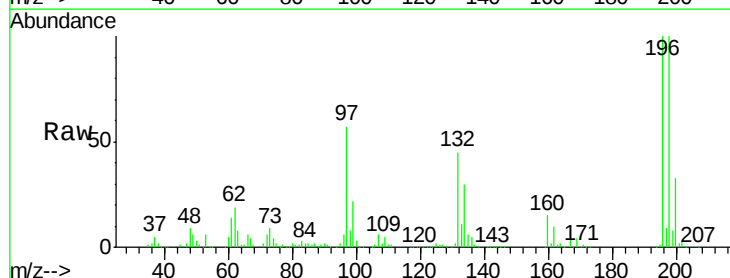


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

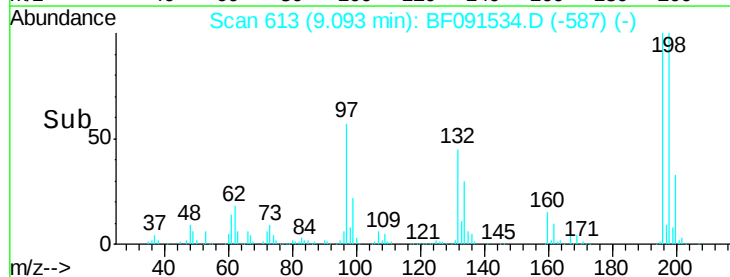
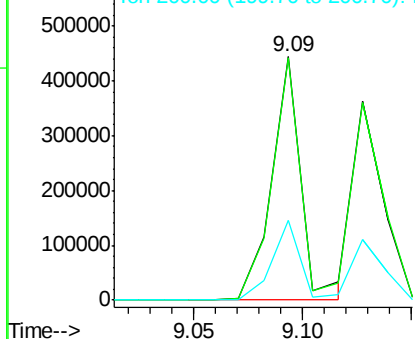


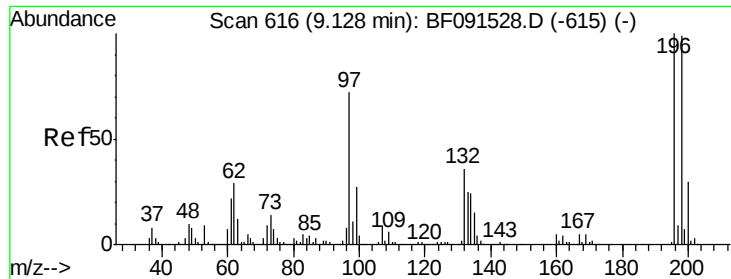
#42
 2,4,6-Trichlorophenol
 Concen: 43.06 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion:196 Resp: 421439
 Ion Ratio Lower Upper
 196 100
 198 99.6 77.4 116.0
 200 32.5 25.2 37.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

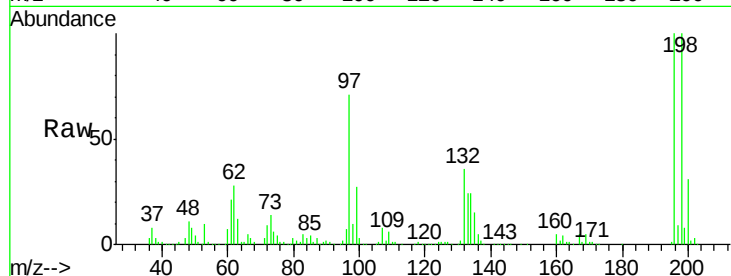




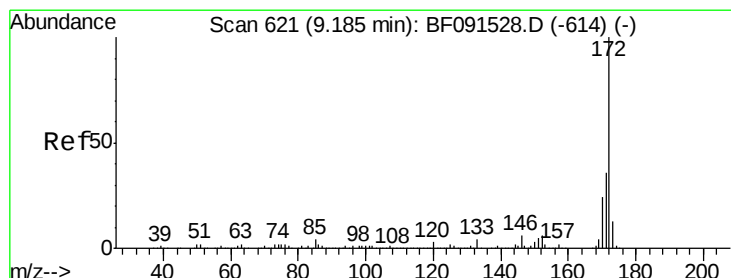
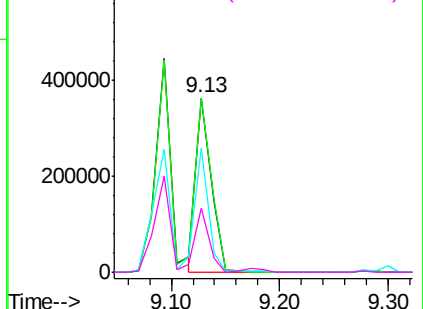
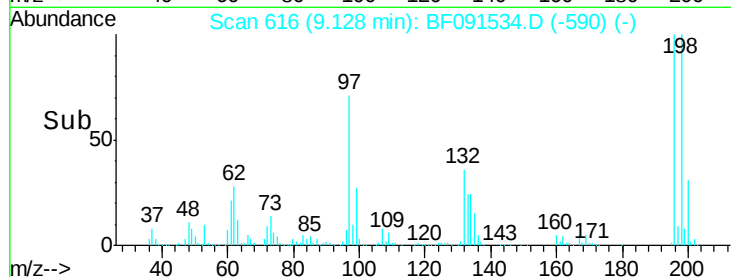
#43
 2,4,5-Trichlorophenol
 Concen: 35.18 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 353838
 Ion Ratio Lower Upper
 196 100
 198 99.6 77.0 115.6
 97 71.5 33.5 50.3#
 132 36.4 20.5 30.7#

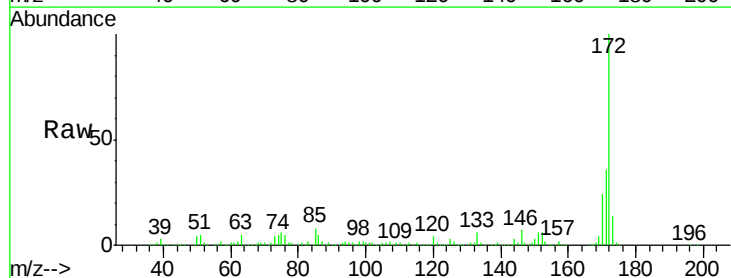


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

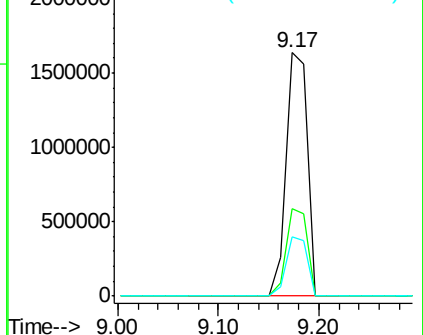
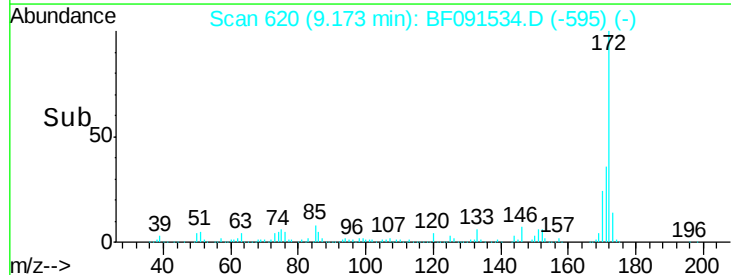


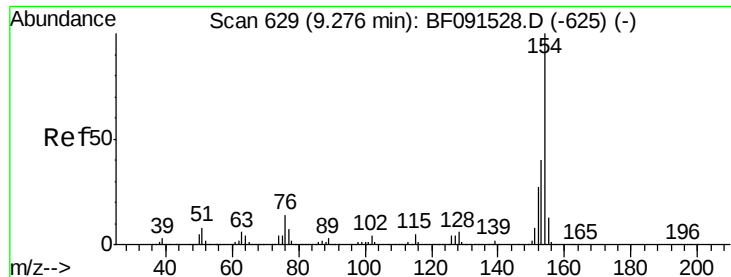
#44
 2-Fluorobiphenyl
 Concen: 73.92 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion:172 Resp: 2376035
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.1 19.7 29.5



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

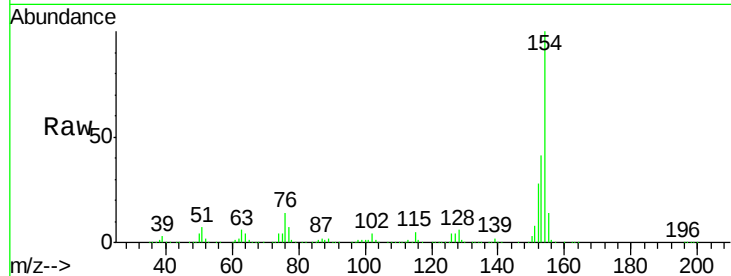




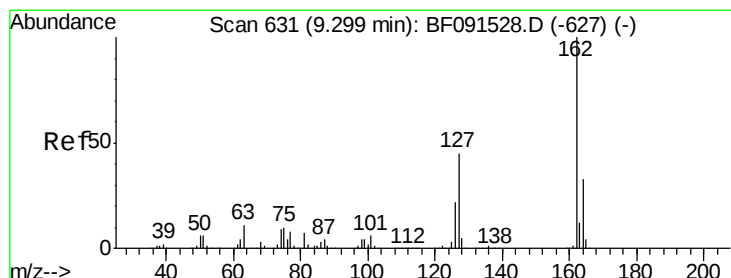
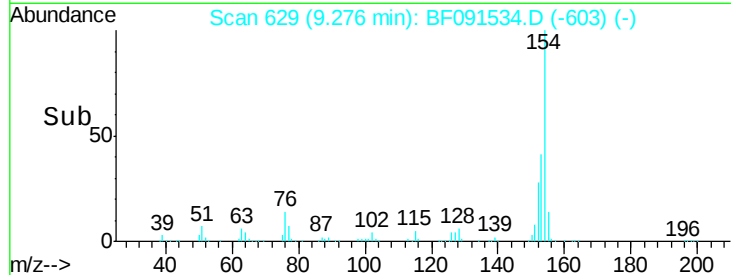
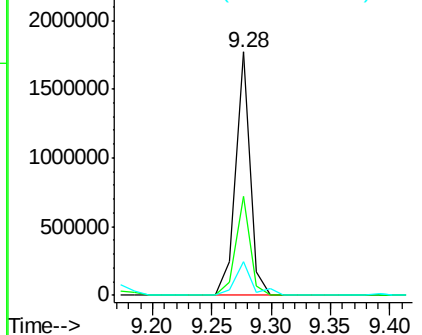
#45
 1,1'-Biphenyl
 Concen: 37.38 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1503732
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.6 60.6
 76 14.0 0.0 36.6

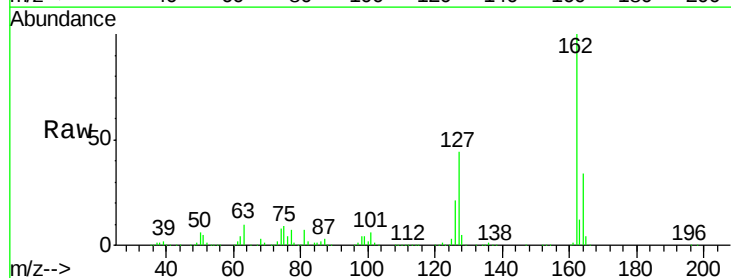


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

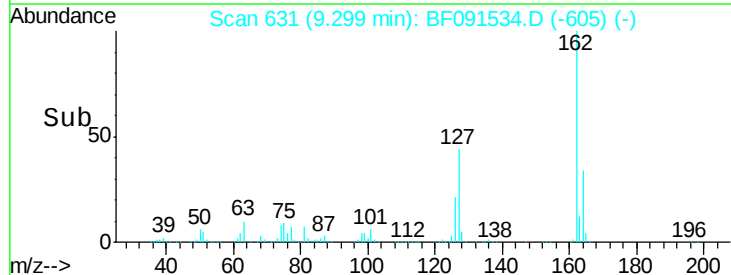
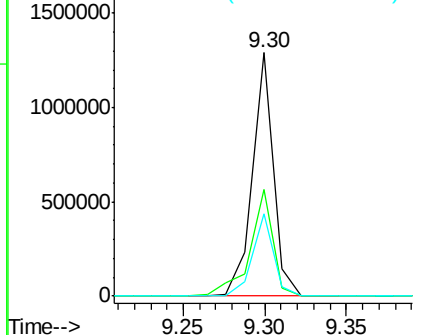


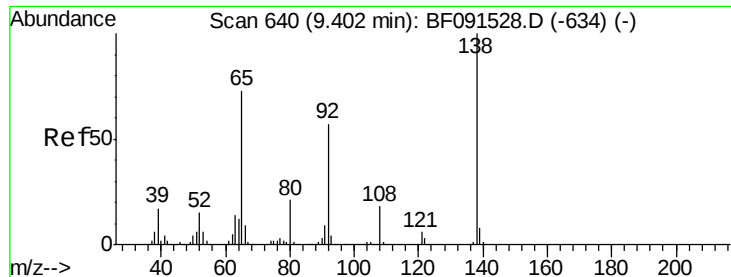
#46
 2-Chloronaphthalene
 Concen: 36.95 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion:162 Resp: 1151006
 Ion Ratio Lower Upper
 162 100
 127 43.7 34.3 51.5
 164 33.6 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

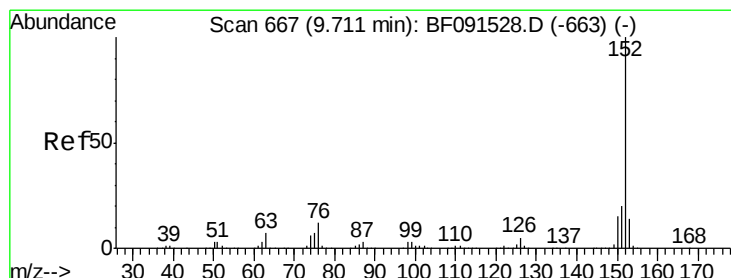
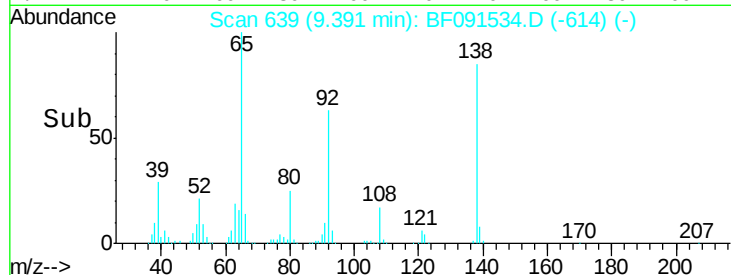
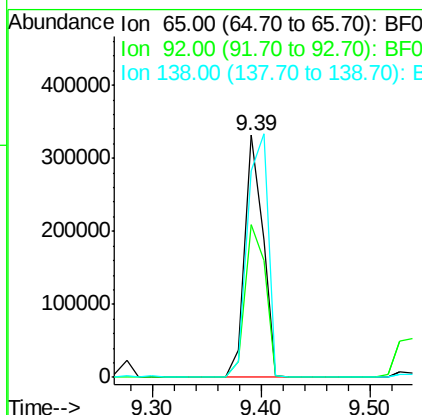
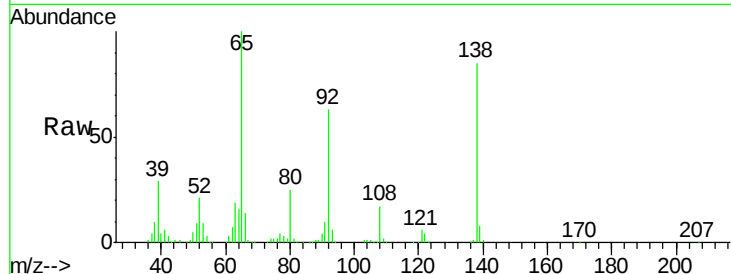




#47
 2-Nitroaniline
 Concen: 36.79 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

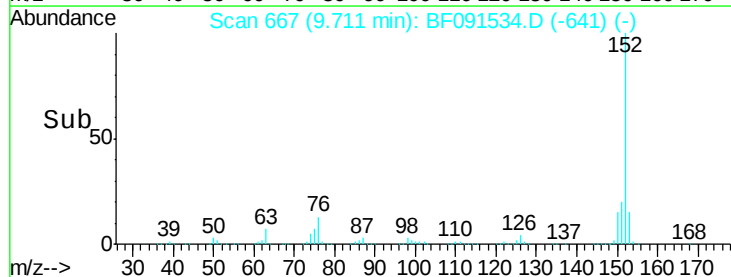
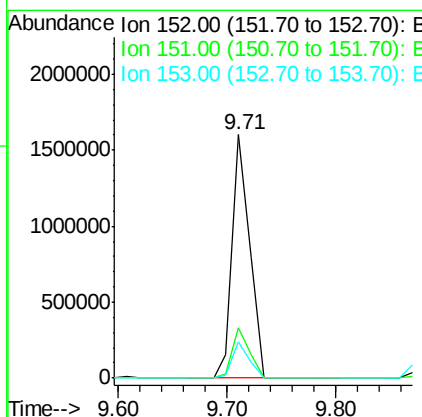
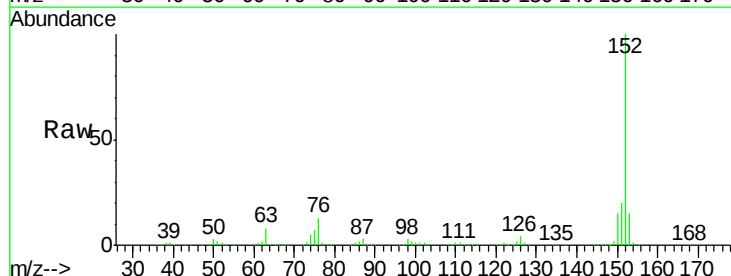
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

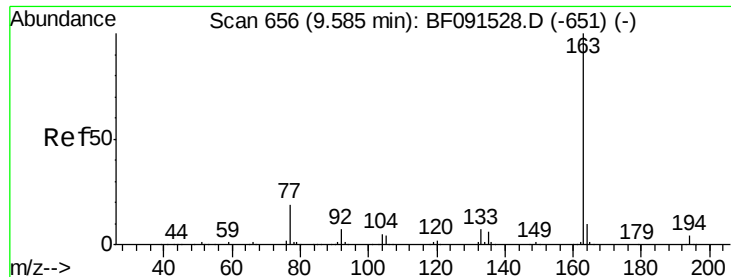
Tgt Ion: 65 Resp: 385354
 Ion Ratio Lower Upper
 65 100
 92 62.9 53.6 80.4
 138 85.3 91.0 136.6#



#48
 Acenaphthylene
 Concen: 36.98 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion: 152 Resp: 1755977
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.6 24.8
 153 15.0 10.7 16.1

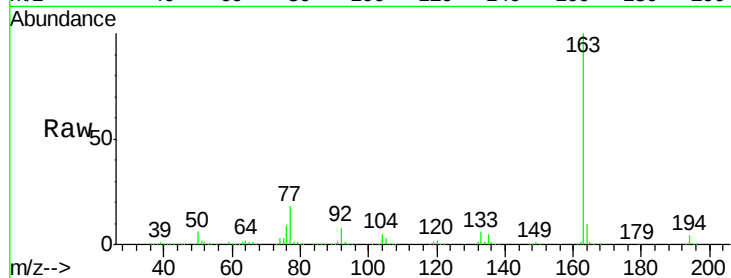




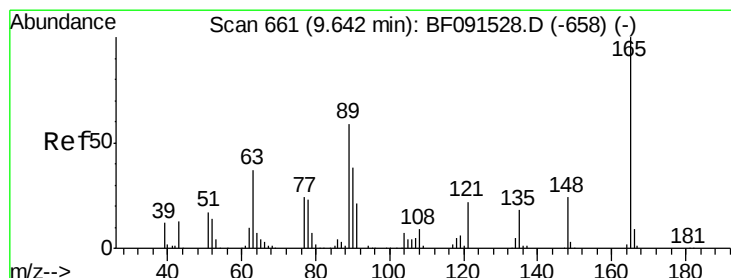
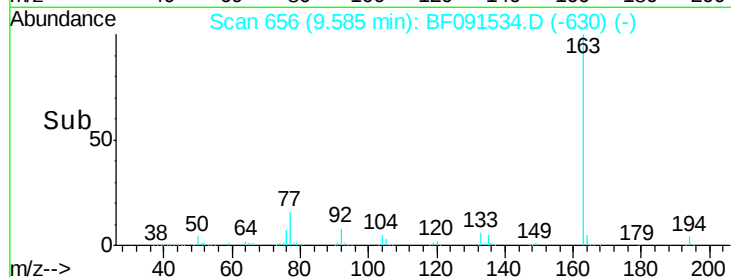
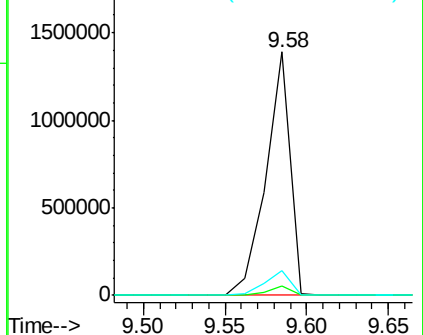
#49
Dimethylphthalate
Concen: 40.61 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1428185
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 7.8 11.8

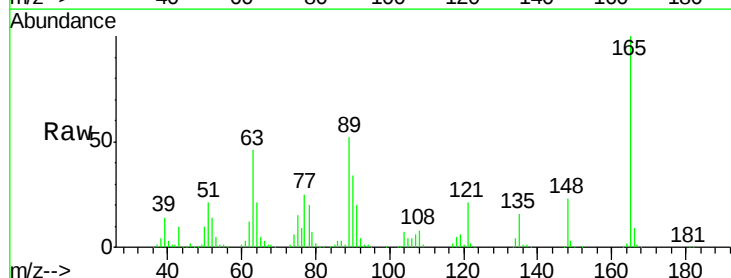


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

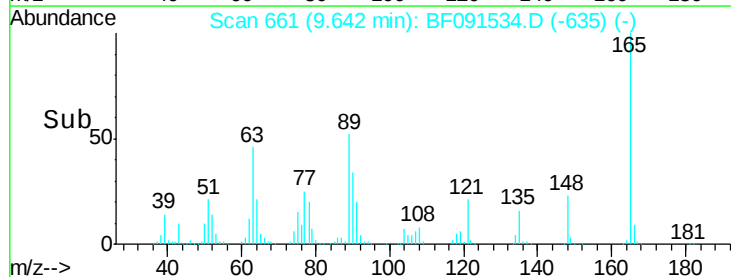
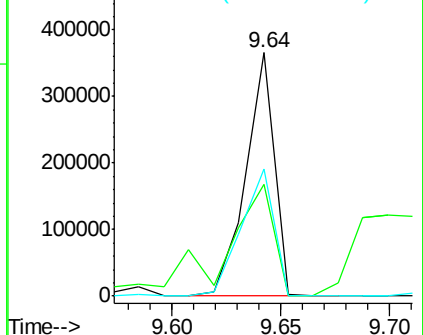


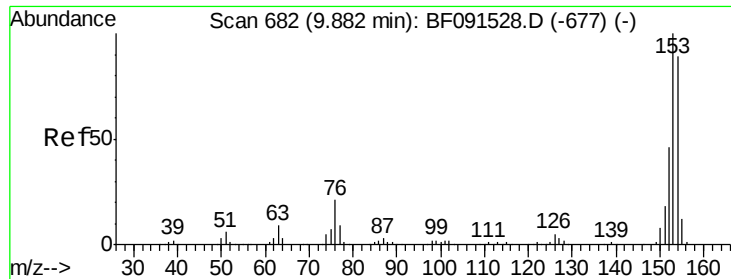
#50
2,6-Dinitrotoluene
Concen: 43.10 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Tgt Ion:165 Resp: 332632
Ion Ratio Lower Upper
165 100
63 45.7 59.4 89.0#
89 52.4 50.8 76.2



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: 35.71 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

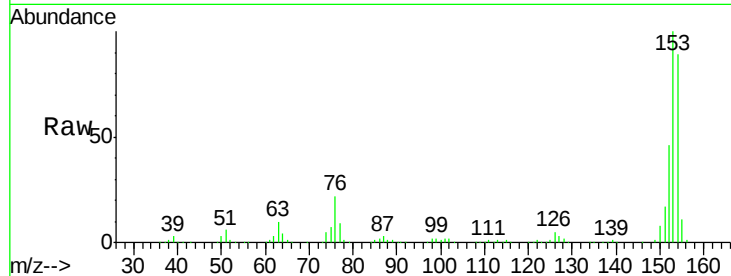
Tgt Ion:154 Resp: 1177808

Ion Ratio Lower Upper

154 100

153 112.1 91.0 136.6

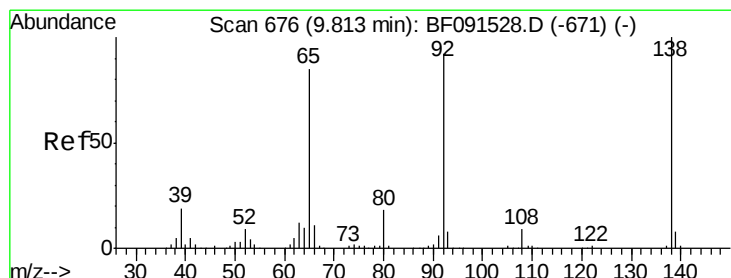
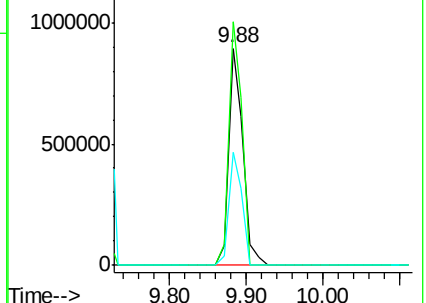
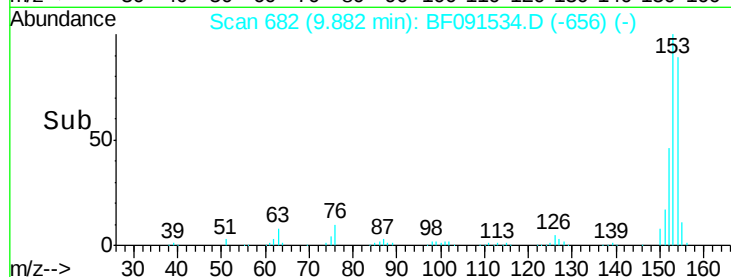
152 51.9 44.2 66.2



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: 39.32 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

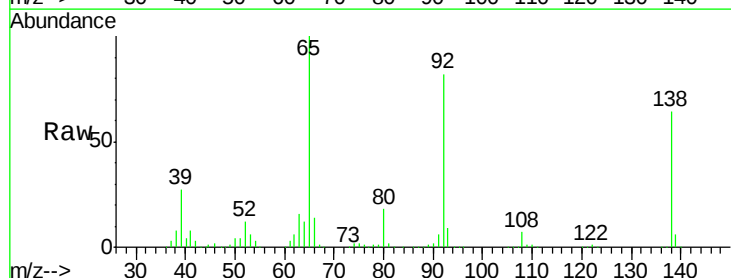
Tgt Ion:138 Resp: 356456

Ion Ratio Lower Upper

138 100

108 10.5 8.1 12.1

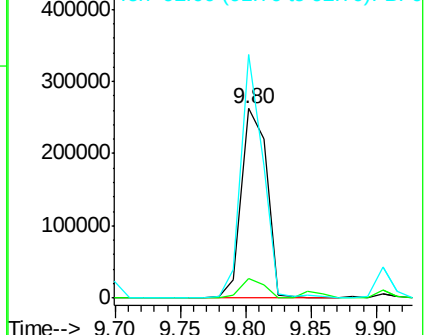
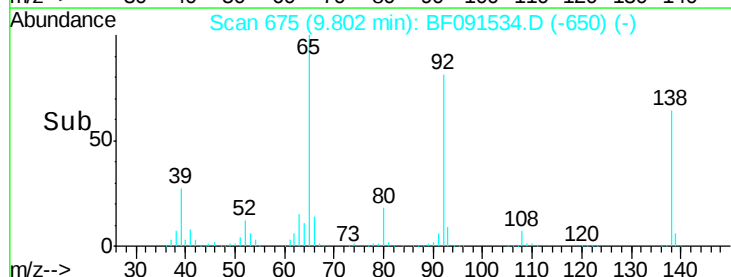
92 128.5 92.5 138.7

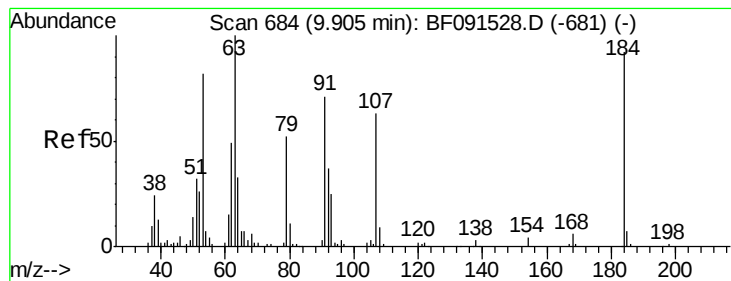


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 39.30 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

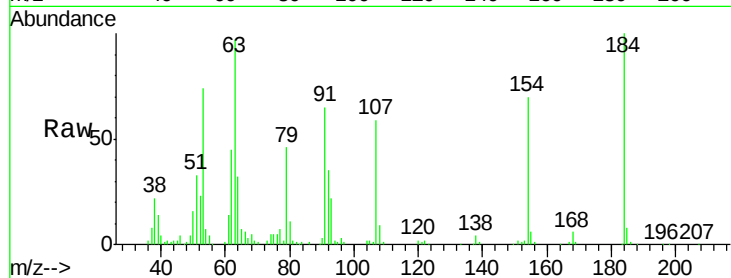
Tgt Ion:184 Resp: 135854

Ion Ratio Lower Upper

184 100

63 96.8 58.3 87.5#

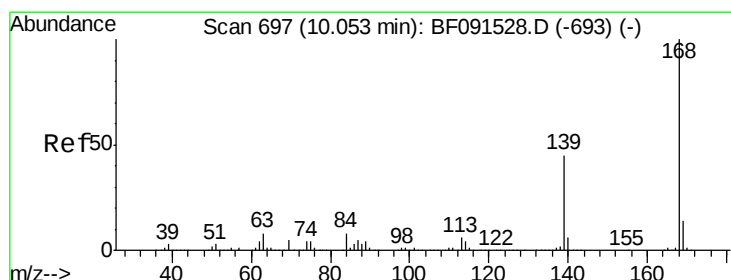
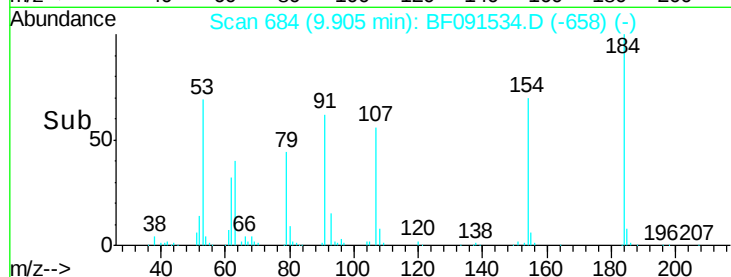
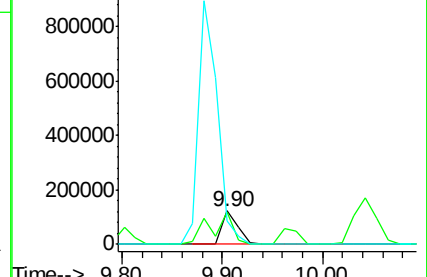
154 69.9 48.6 73.0



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: 37.52 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

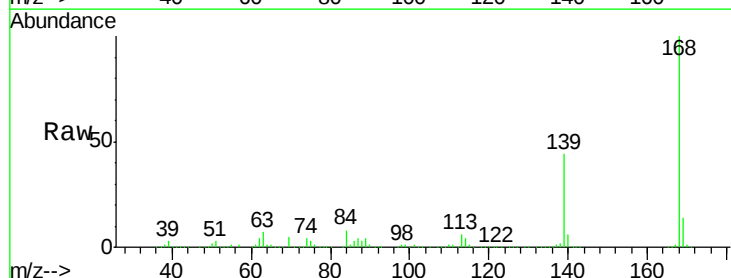
Tgt Ion:168 Resp: 1531099

Ion Ratio Lower Upper

168 100

139 43.6 33.4 50.2

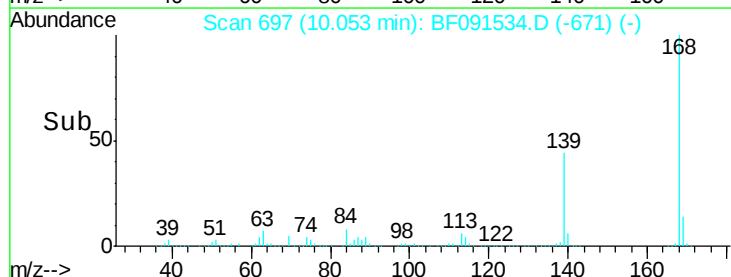
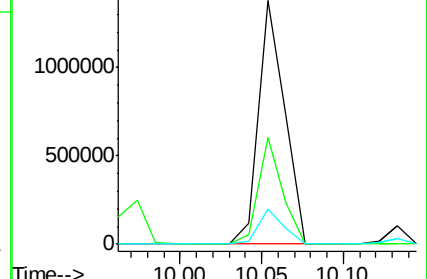
169 14.3 11.1 16.7

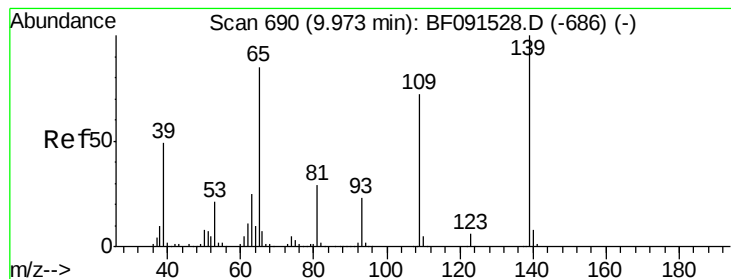


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 43.11 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

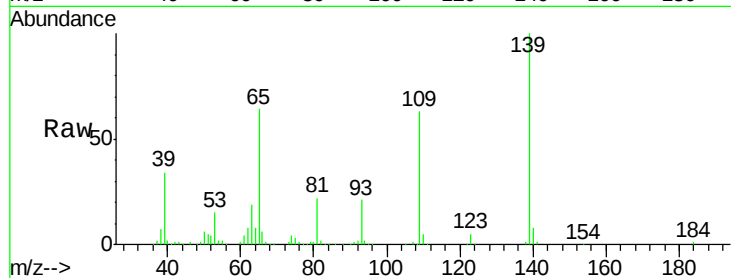
Tgt Ion:139 Resp: 290810

Ion Ratio Lower Upper

139 100

109 62.7 54.9 94.9

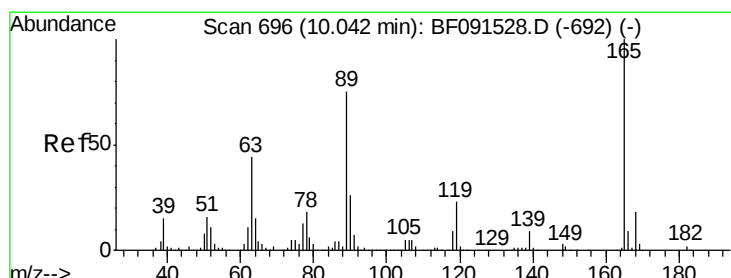
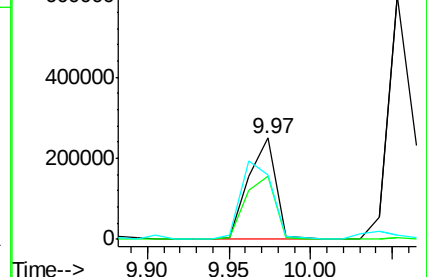
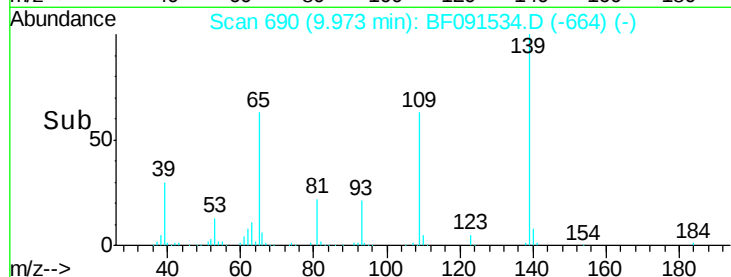
65 64.1 102.2 142.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.31 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Tgt Ion:165 Resp: 418986

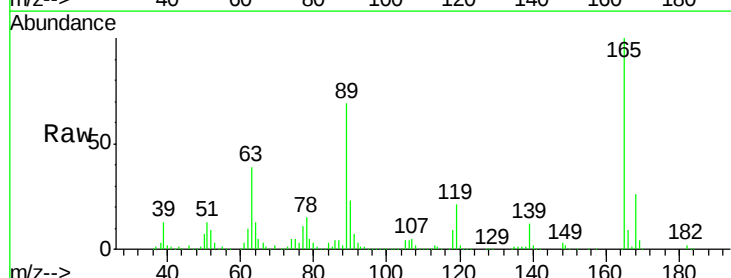
Ion Ratio Lower Upper

165 100

63 38.7 29.0 43.4

89 68.6 43.1 64.7#

182 2.2 1.9 2.9

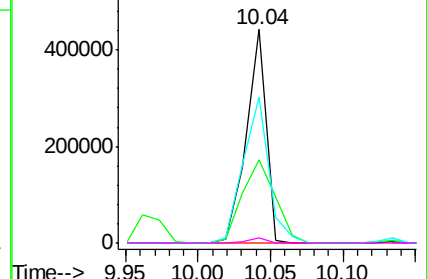
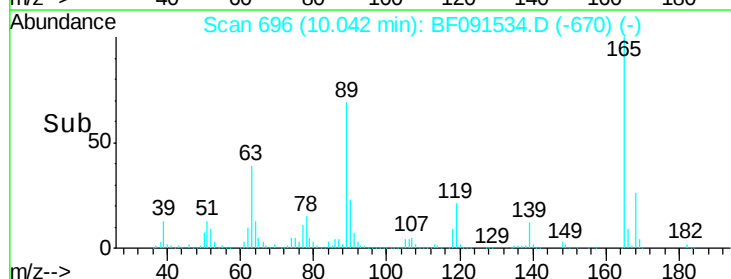


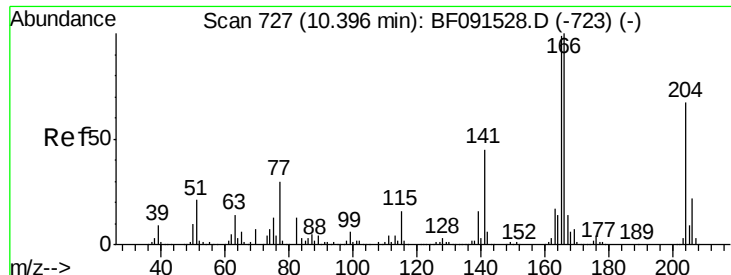
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

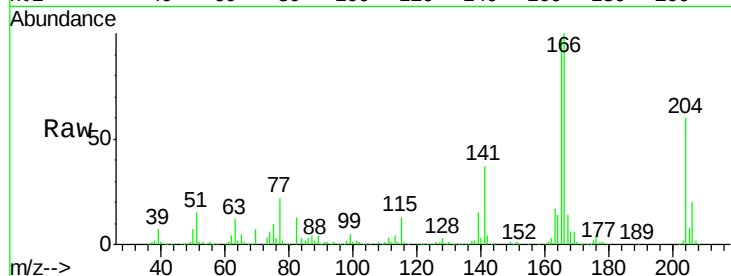




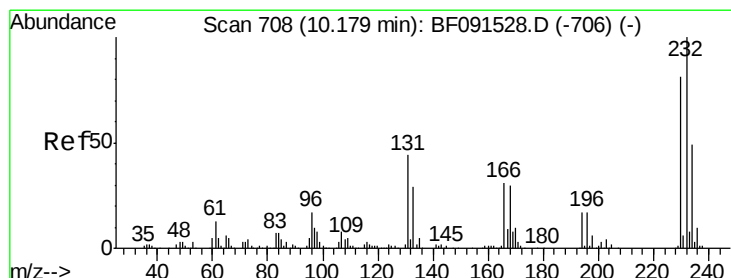
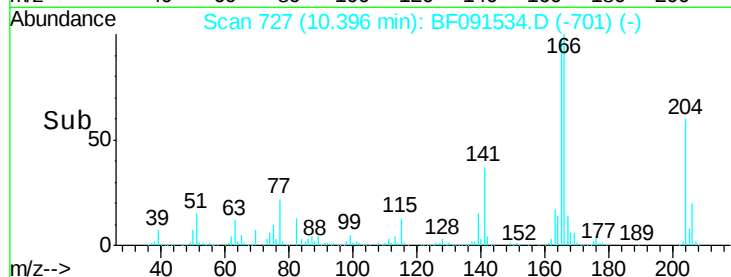
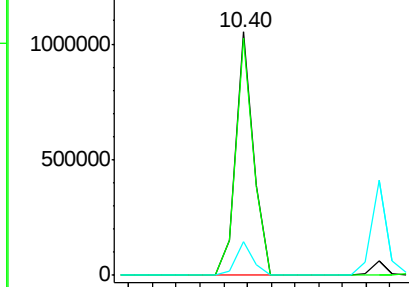
#57
Fluorene
 Concen: 36.71 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:166 Resp: 1096983
 Ion Ratio Lower Upper
 166 100
 165 97.5 80.0 120.0
 167 13.8 10.8 16.2

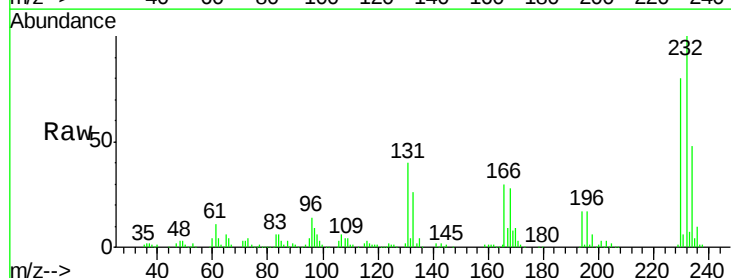


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

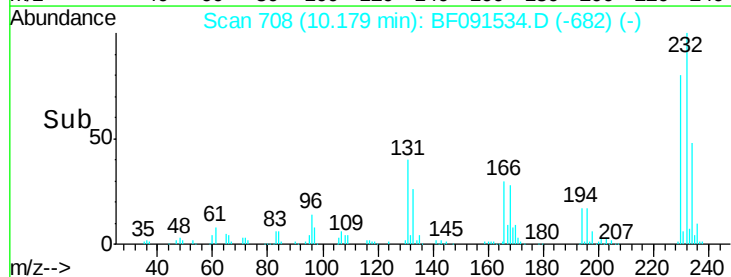
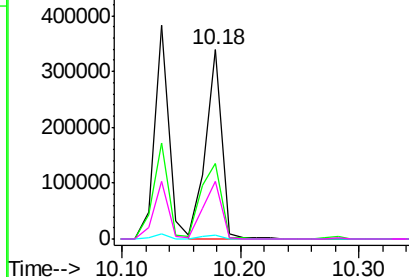


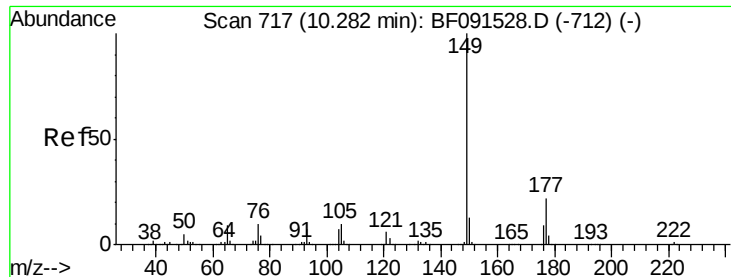
#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.88 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion:232 Resp: 321893
 Ion Ratio Lower Upper
 232 100
 131 50.2 38.4 57.6
 130 2.5 1.8 2.8
 166 34.2 23.9 35.9



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

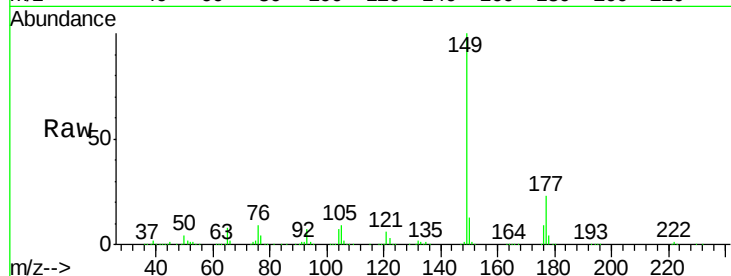




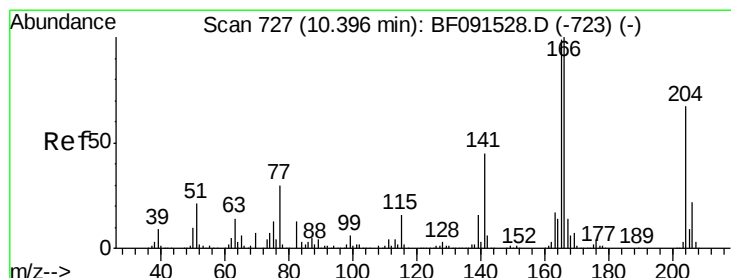
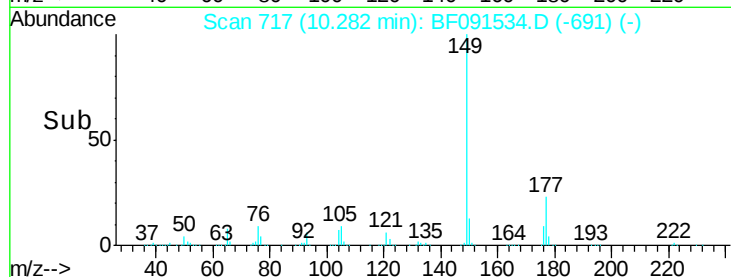
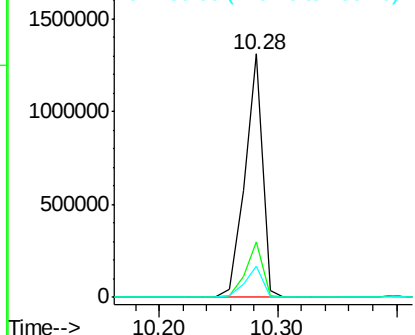
#59
Diethylphthalate
Concen: 39.86 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1349574
Ion Ratio Lower Upper
149 100
177 23.0 15.7 23.5
150 12.6 10.2 15.2

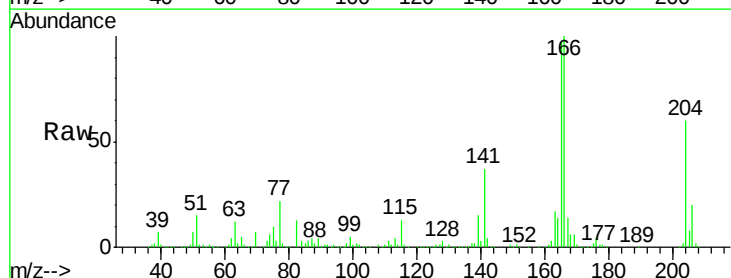


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

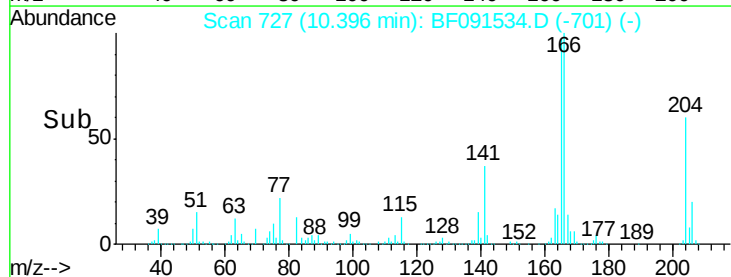
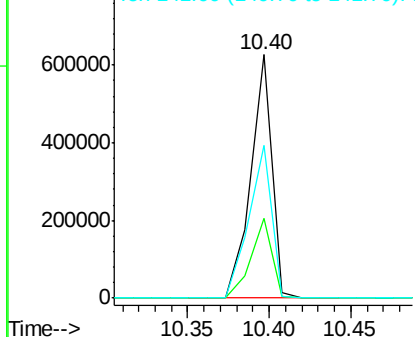


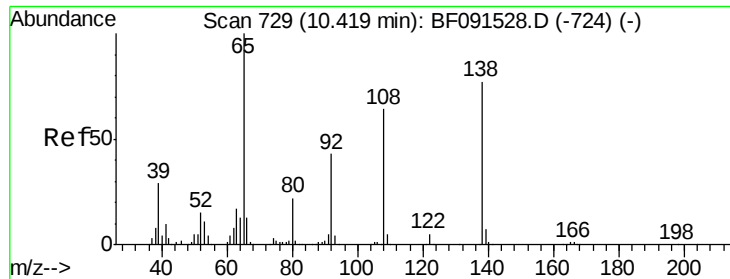
#60
4-Chlorophenyl-phenylether
Concen: 38.28 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Tgt Ion:204 Resp: 561550
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 62.5 40.6 61.0#



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

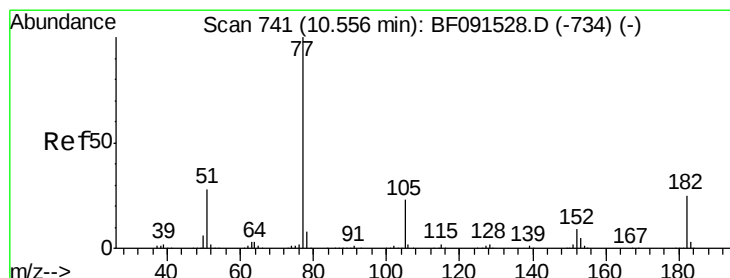
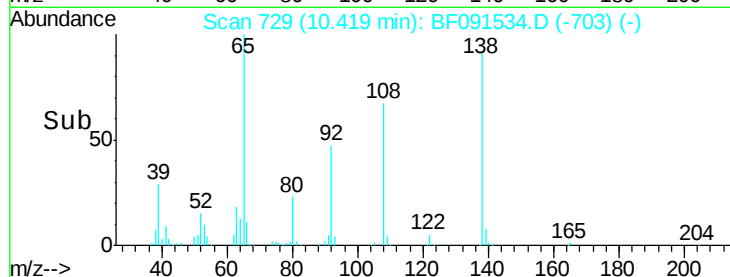
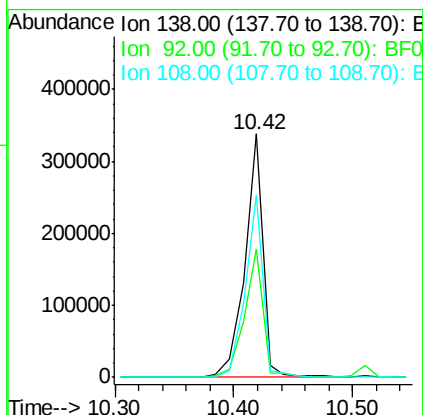
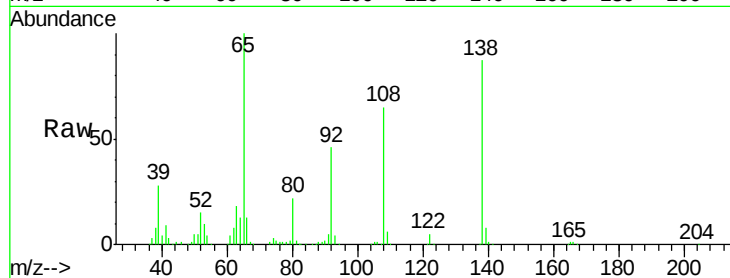




#61
4-Nitroaniline
Concen: 40.05 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

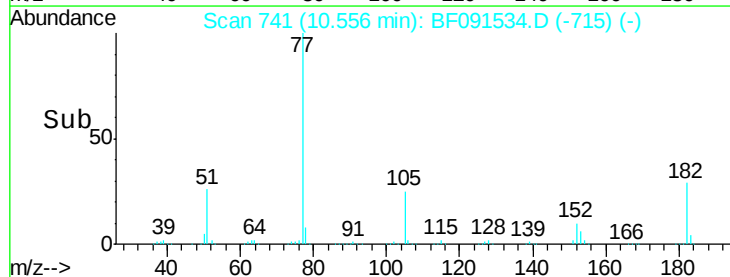
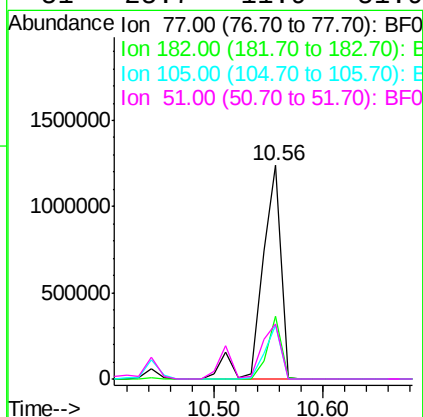
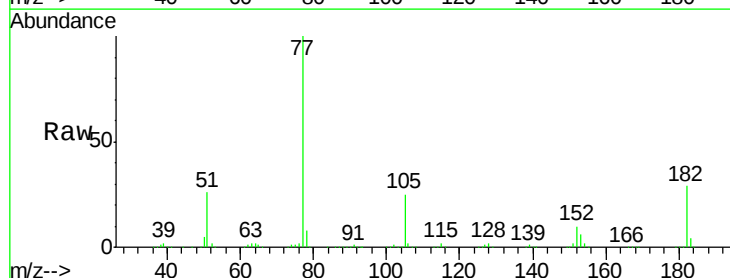
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

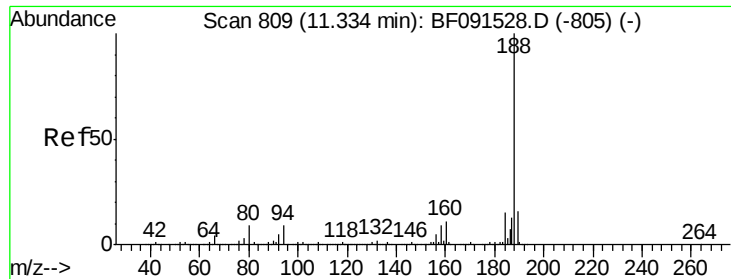
Tgt Ion:138 Resp: 360817
Ion Ratio Lower Upper
138 100
92 52.5 26.9 66.9
108 75.0 49.1 89.1



#62
Azobenzene
Concen: 39.63 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Tgt Ion: 77 Resp: 1520456
Ion Ratio Lower Upper
77 100
182 29.2 12.5 52.5
105 25.1 3.7 43.7
51 25.7 11.9 51.9

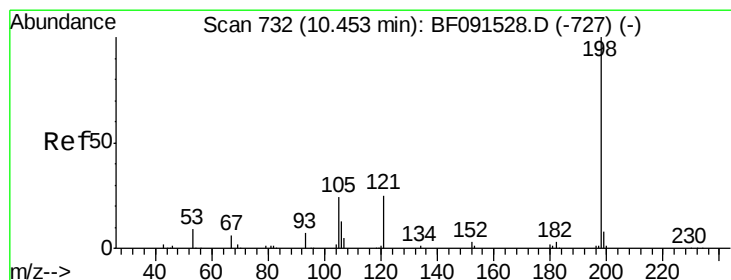
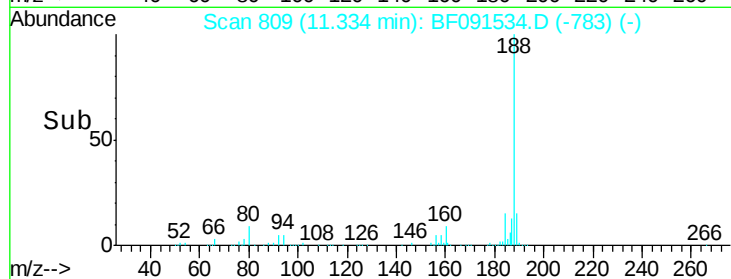
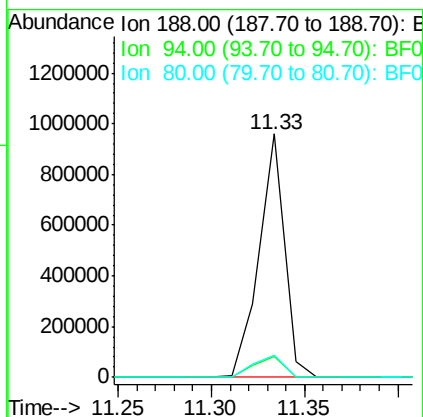
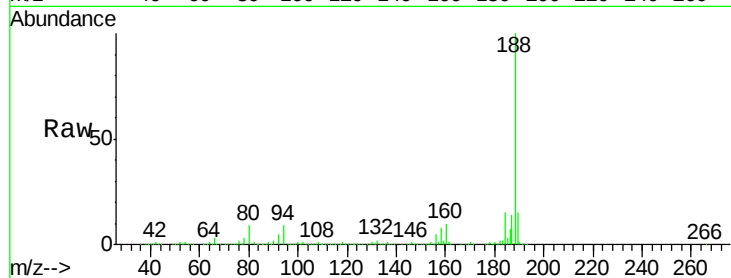




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

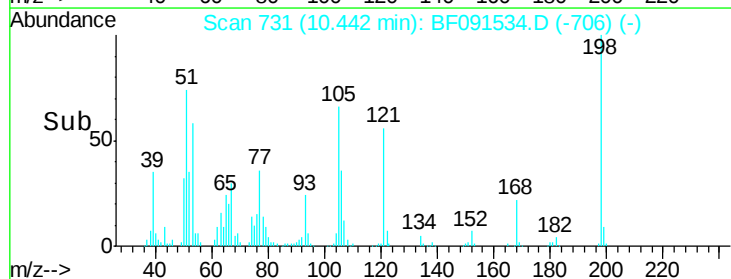
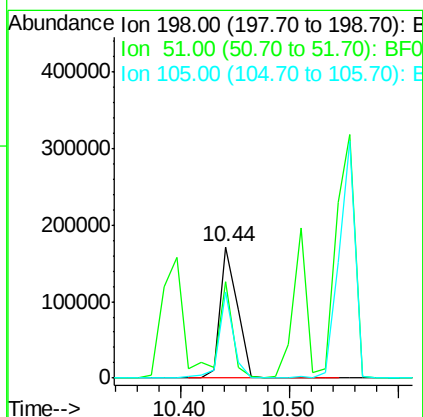
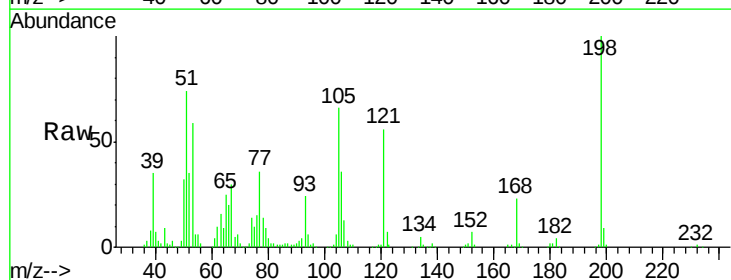
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

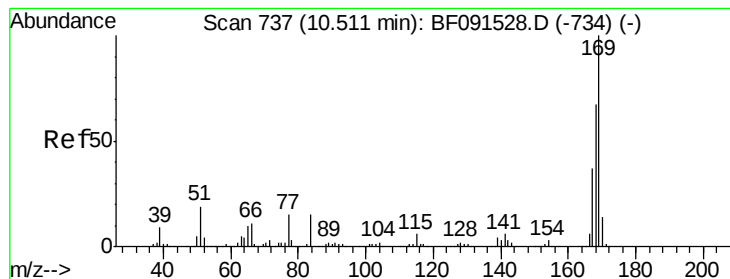
Tgt Ion:188 Resp: 905709
Ion Ratio Lower Upper
188 100
94 8.6 9.2 13.8#
80 9.3 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 35.20 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Tgt Ion:198 Resp: 188990
Ion Ratio Lower Upper
198 100
51 74.0 77.1 117.1#
105 65.5 44.8 84.8





#65

n-Nitrosodiphenylamine

Concen: 36.81 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

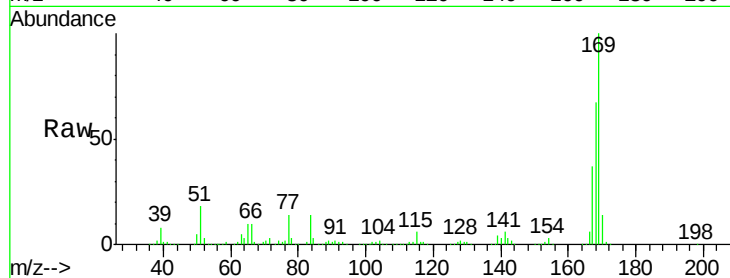
Tgt Ion:169 Resp: 993972

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.8

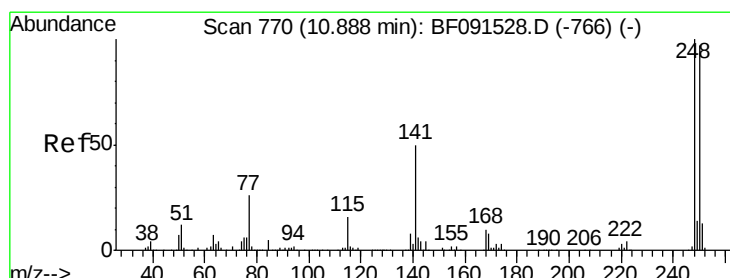
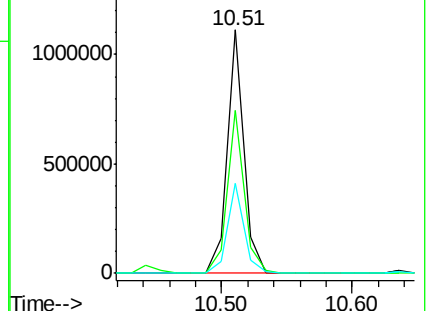
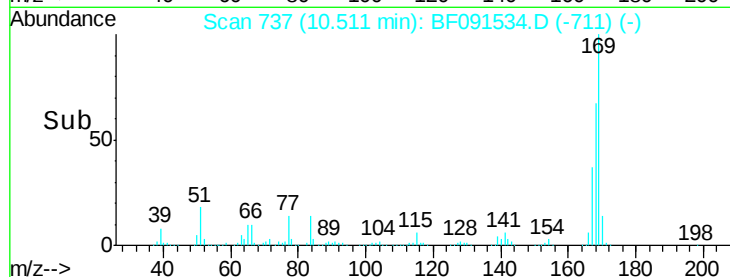
167 37.1 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.48 ng

RT: 10.89 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

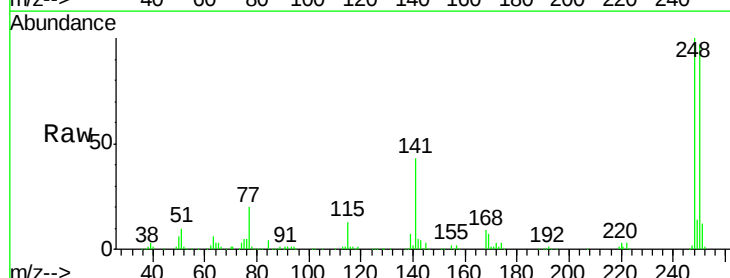
Tgt Ion:248 Resp: 357339

Ion Ratio Lower Upper

248 100

250 97.2 78.2 117.4

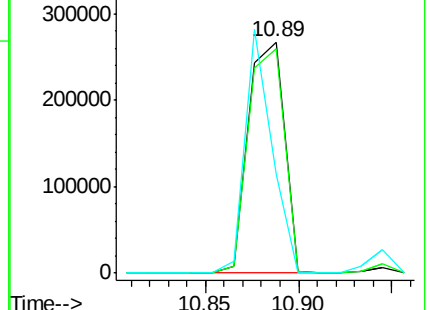
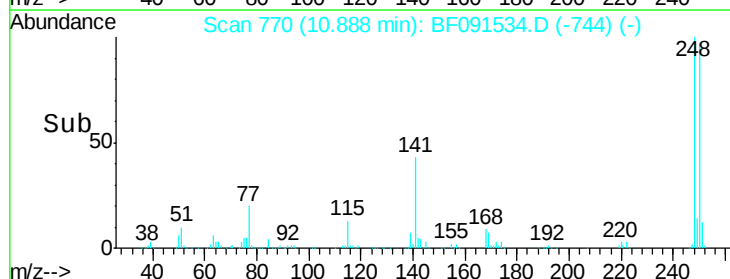
141 42.8 71.9 107.9#

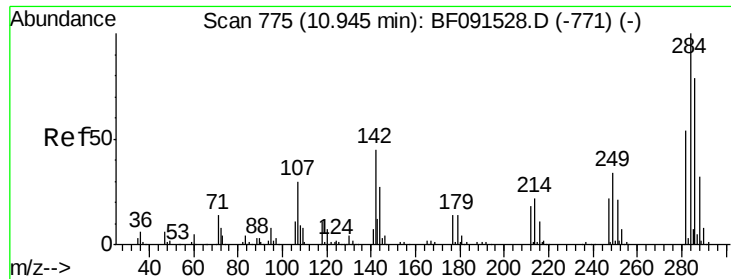


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

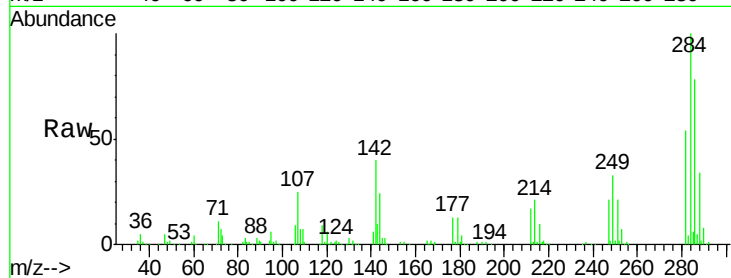




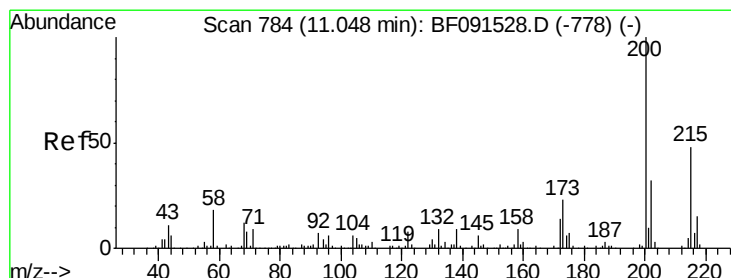
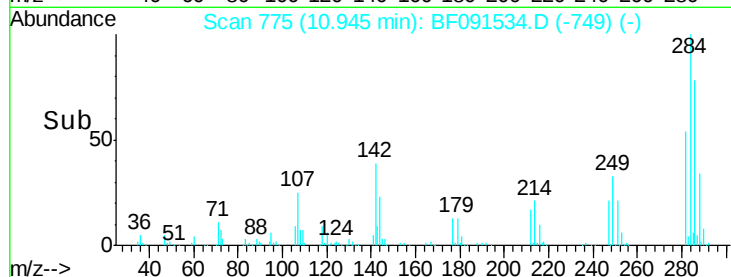
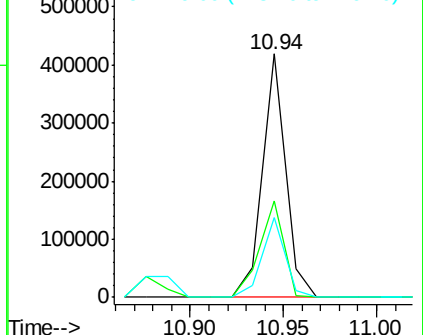
#67
Hexachlorobenzene
Concen: 37.06 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 357879
Ion Ratio Lower Upper
284 100
142 39.6 17.9 26.9#
249 32.9 23.6 35.4

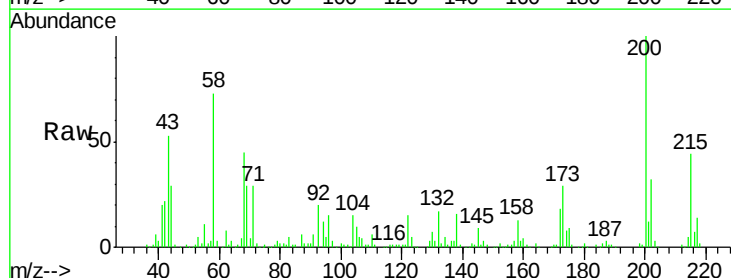


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

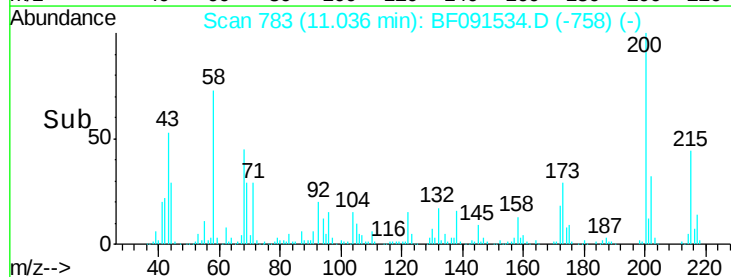
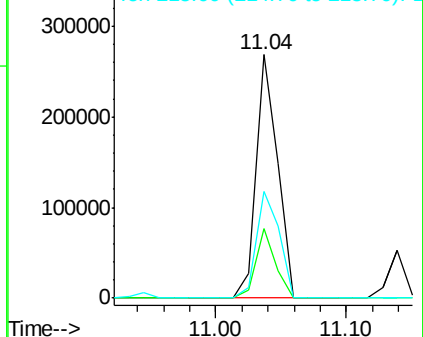


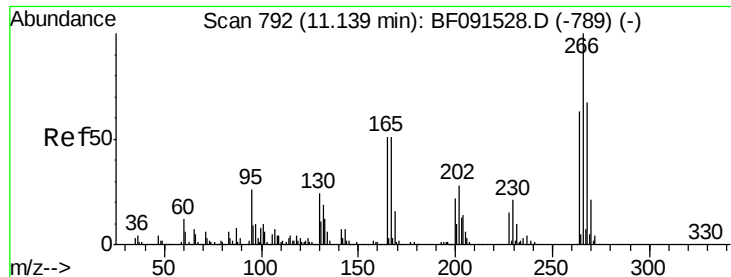
#68
Atrazine
Concen: 35.35 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Tgt Ion:200 Resp: 306918
Ion Ratio Lower Upper
200 100
173 28.7 7.8 47.8
215 43.7 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

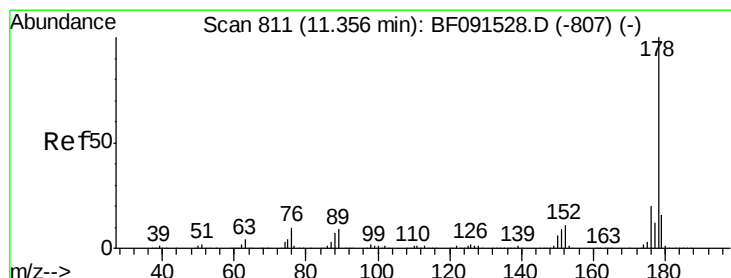
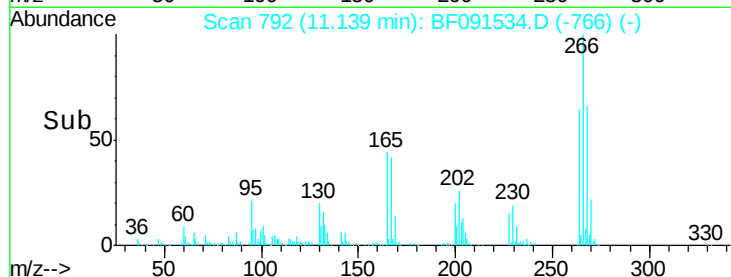
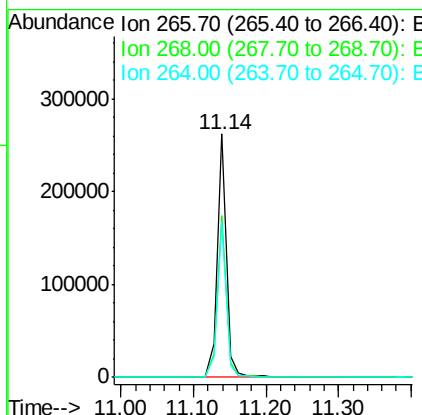
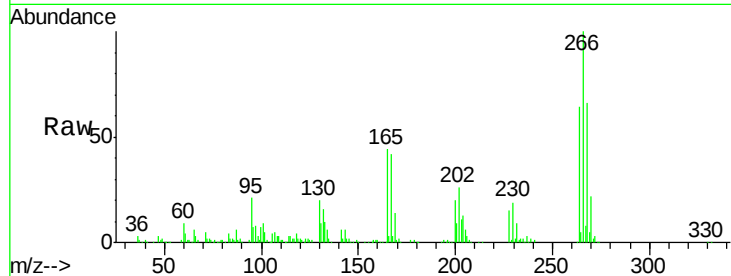




#69
 Pentachlorophenol
 Concen: 42.32 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

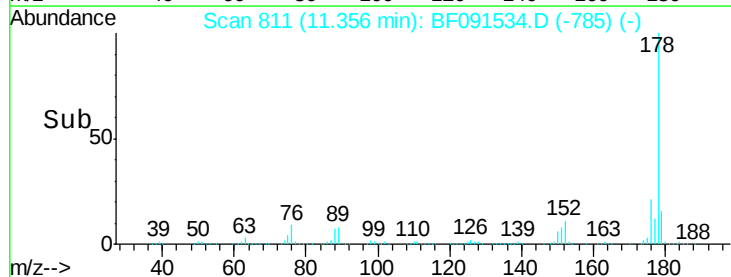
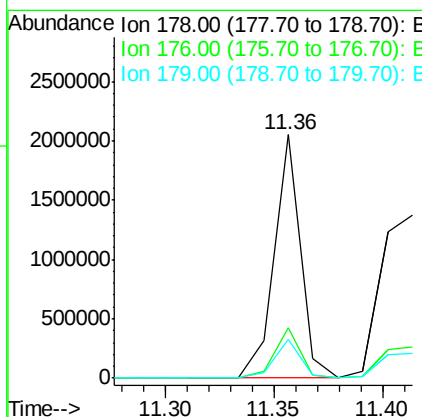
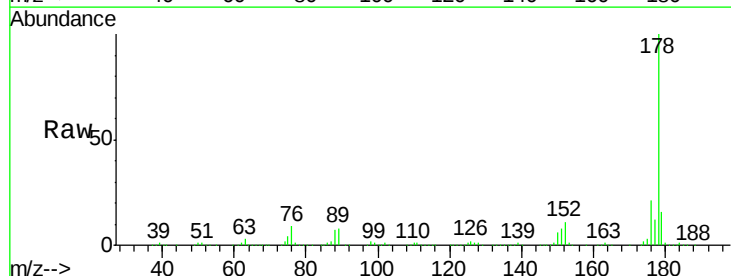
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

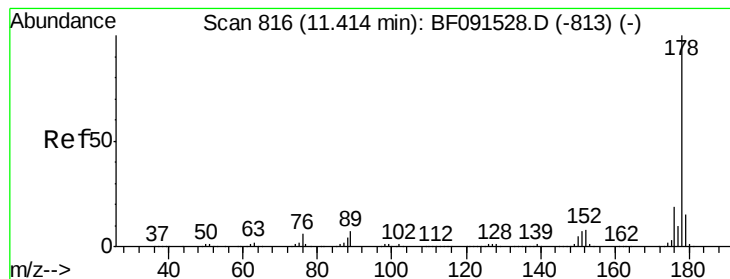
Tgt Ion: 266 Resp: 229978
 Ion Ratio Lower Upper
 266 100
 268 66.2 50.3 75.5
 264 63.9 48.2 72.2



#70
 Phenanthrene
 Concen: 38.84 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion: 178 Resp: 1742174
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.9 23.9
 179 16.0 12.6 18.8





#71

Anthracene

Concen: 38.29 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

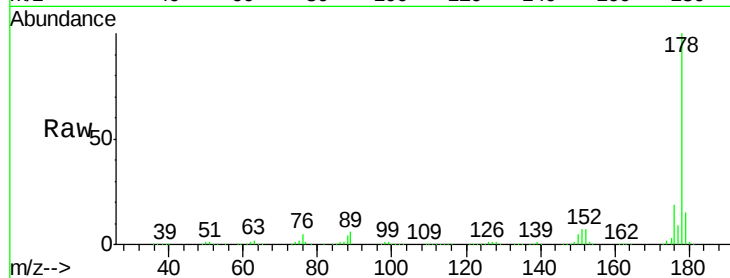
Tgt Ion:178 Resp: 1852311

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

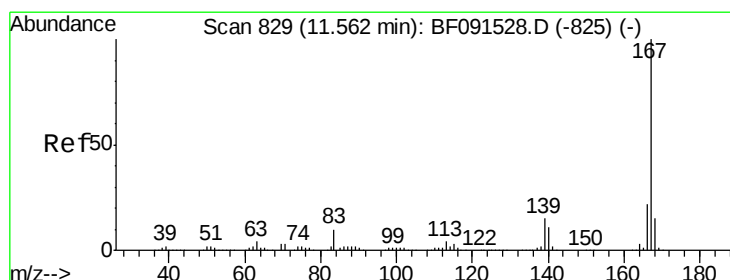
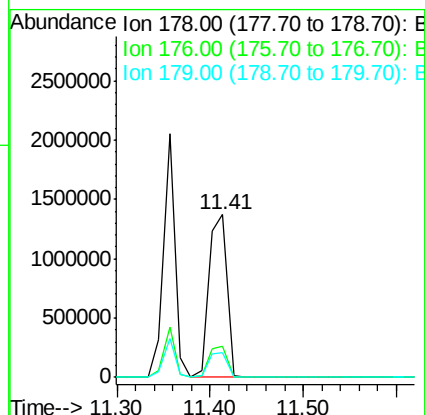
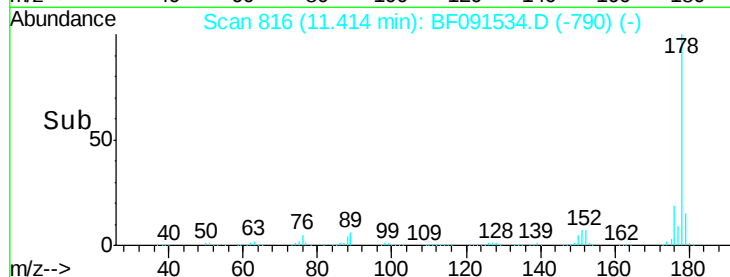
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.24 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

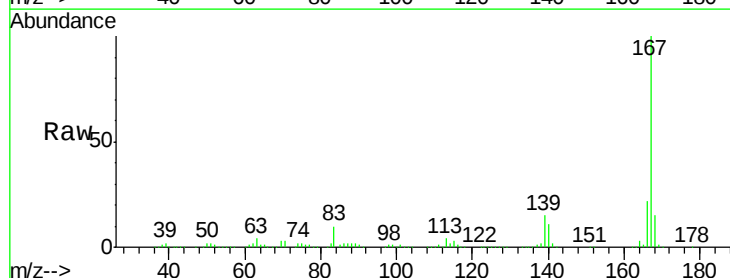
Tgt Ion:167 Resp: 1536850

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

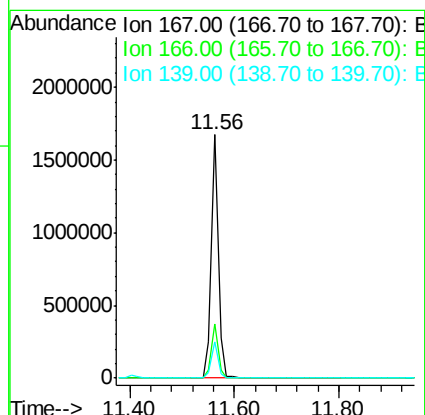
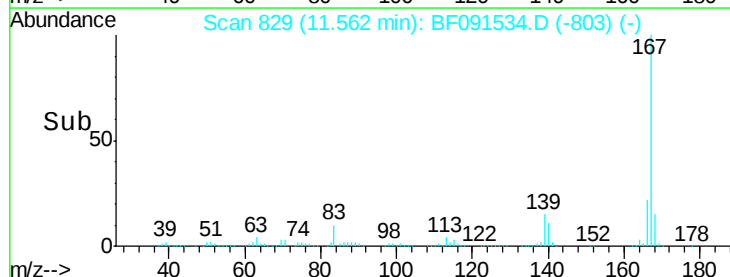
139 14.7 11.5 17.3

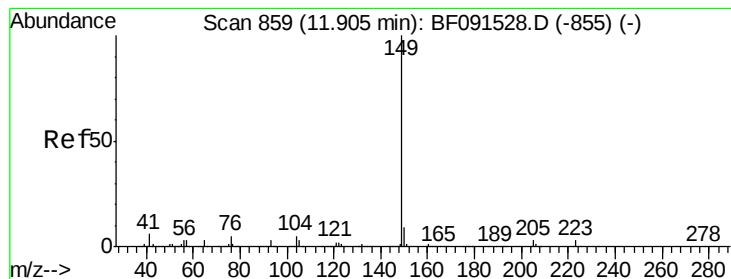


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.22 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

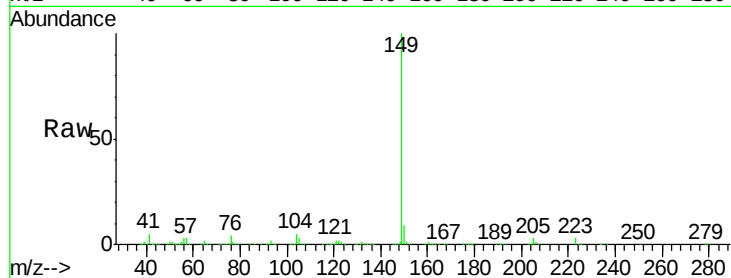
Tgt Ion:149 Resp: 1987197

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

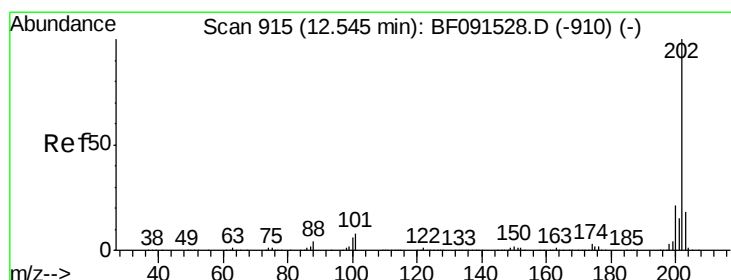
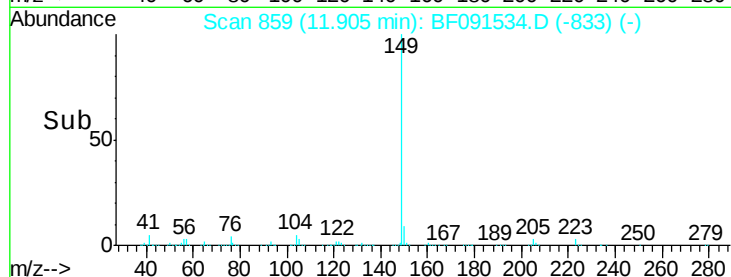
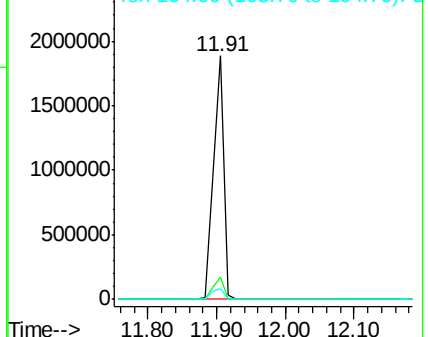
104 4.6 4.0 6.0



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: 39.46 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

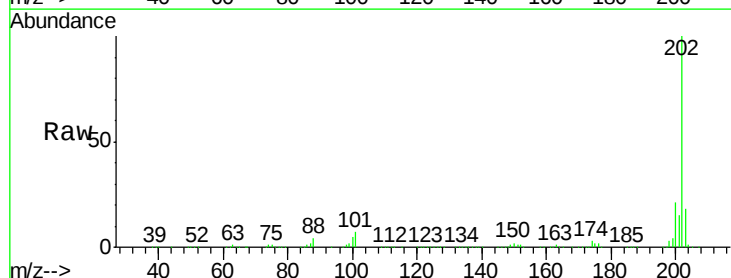
Tgt Ion:202 Resp: 1853376

Ion Ratio Lower Upper

202 100

101 7.4 0.0 29.5

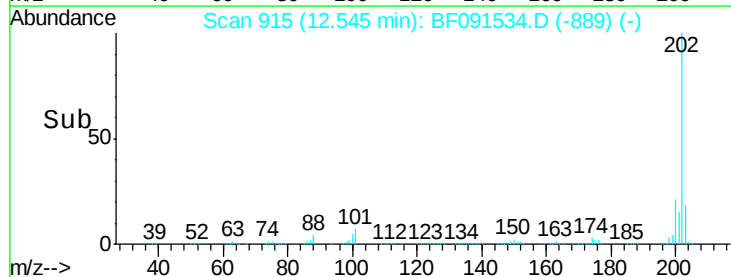
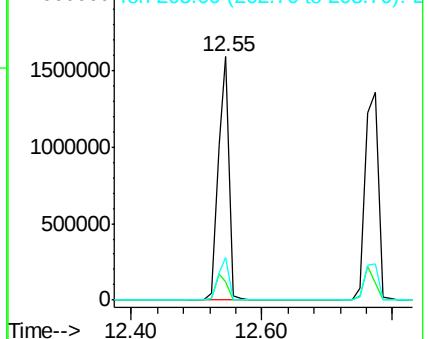
203 17.7 0.0 37.8

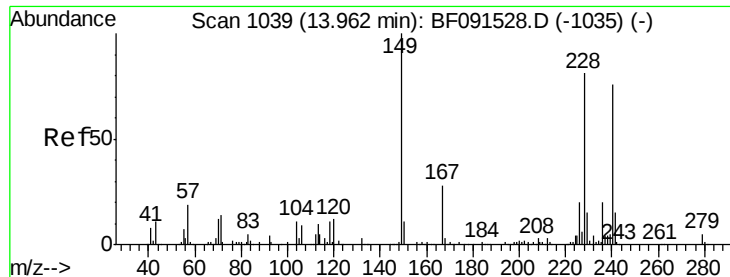


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

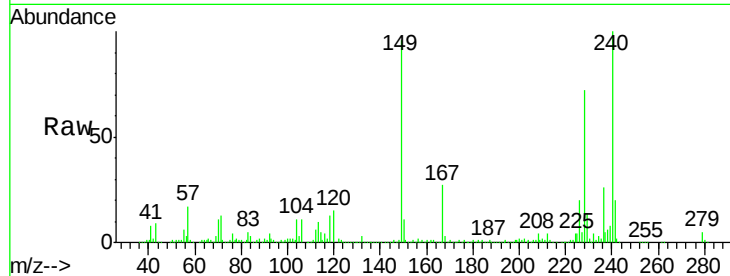
Tgt Ion:240 Resp: 607879

Ion Ratio Lower Upper

240 100

120 15.2 12.1 18.1

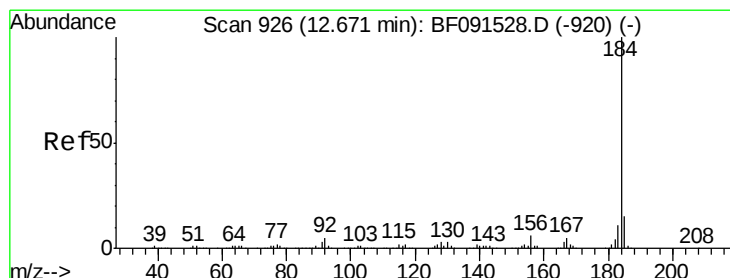
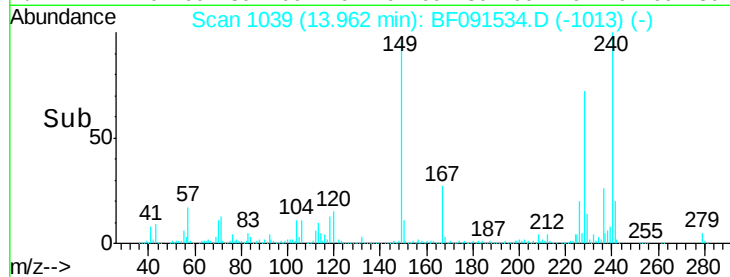
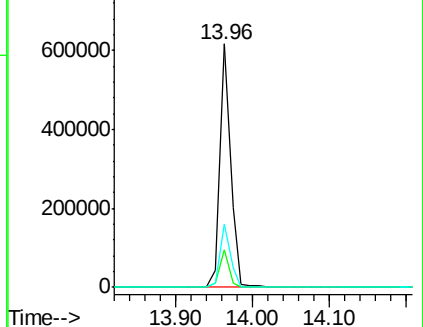
236 26.0 21.0 31.6



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: 38.54 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

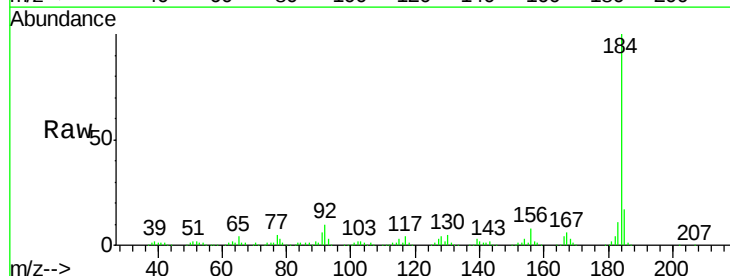
Tgt Ion:184 Resp: 724387

Ion Ratio Lower Upper

184 100

185 17.4 13.1 19.7

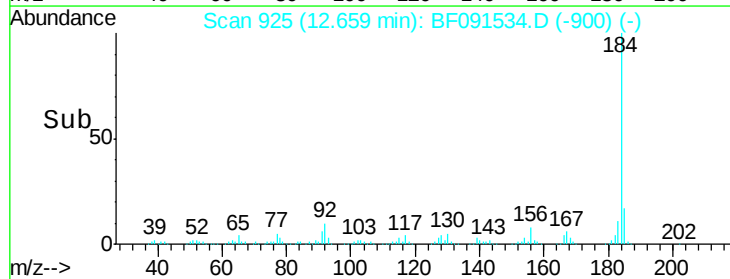
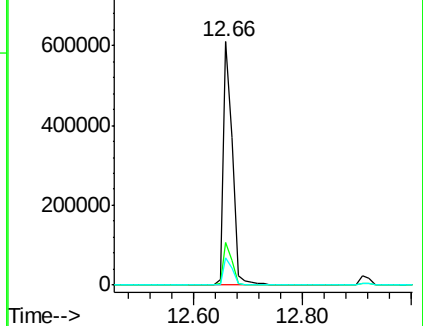
183 11.4 8.9 13.3

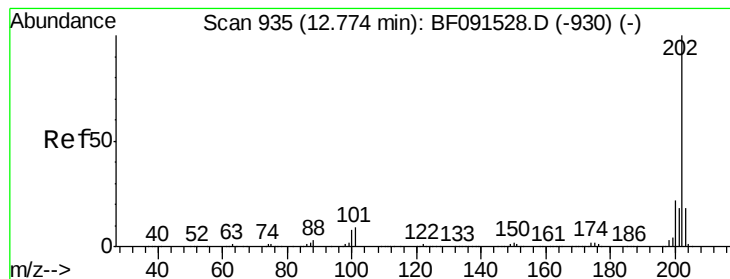


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.47 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

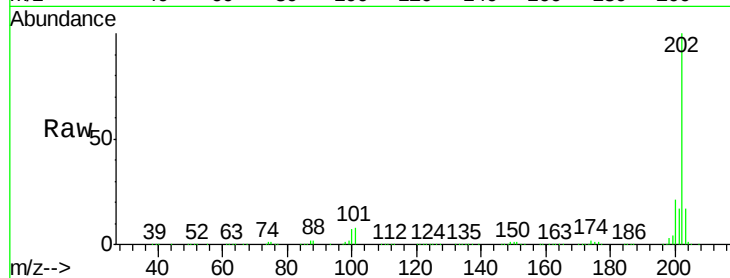
Tgt Ion:202 Resp: 1855207

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

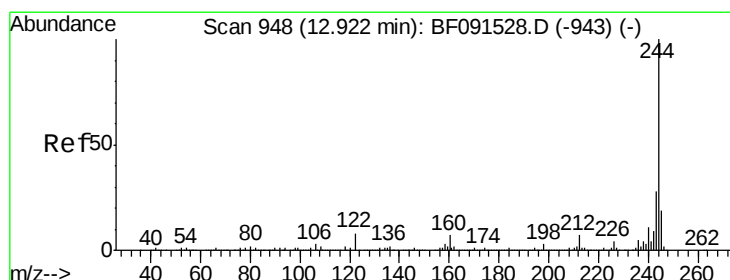
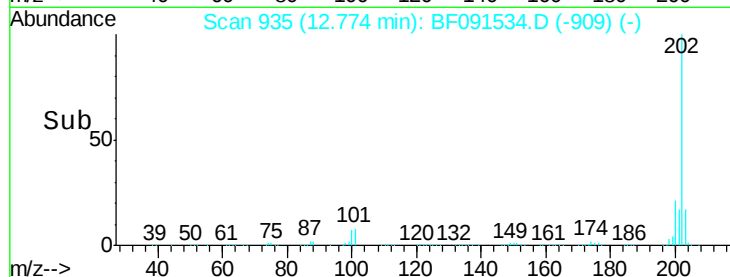
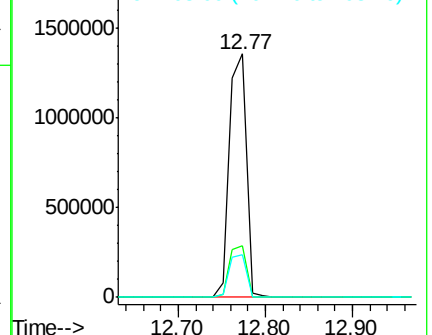
203 17.3 14.0 21.0



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: 78.46 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

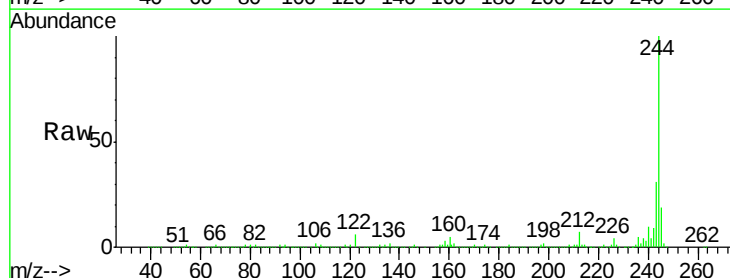
Tgt Ion:244 Resp: 2101823

Ion Ratio Lower Upper

244 100

212 6.7 6.5 9.7

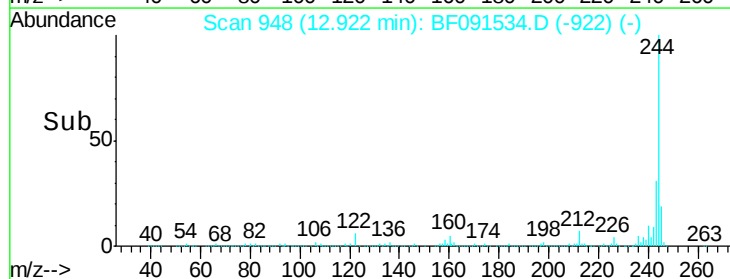
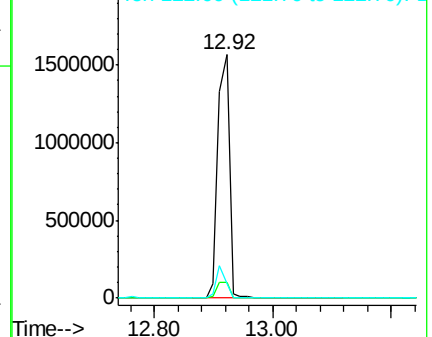
122 6.1 9.5 14.3#

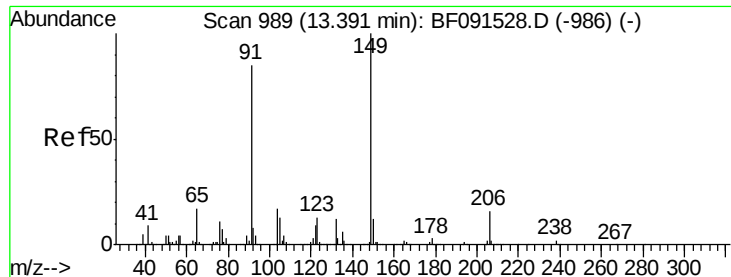


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

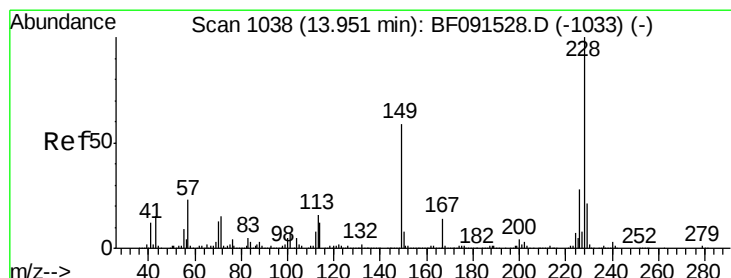
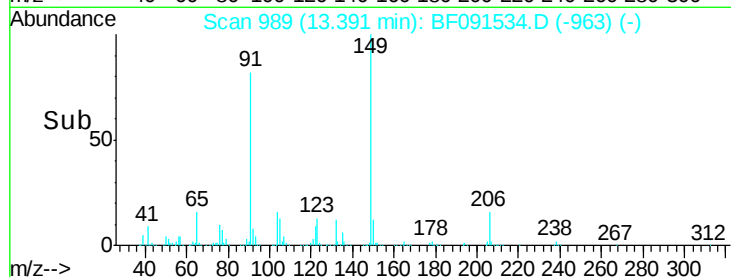
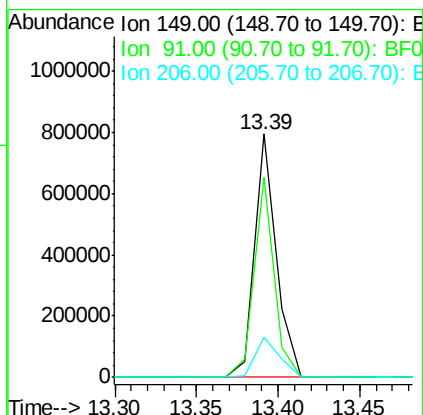
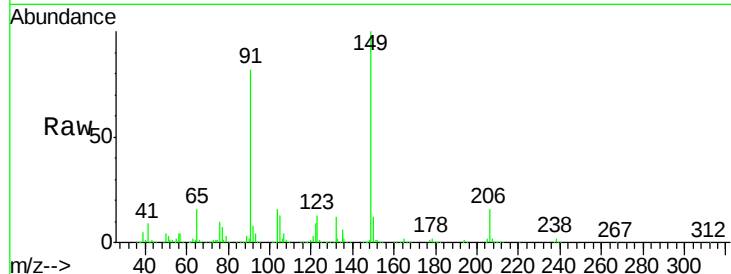




#79
Butylbenzylphthalate
Concen: 39.17 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

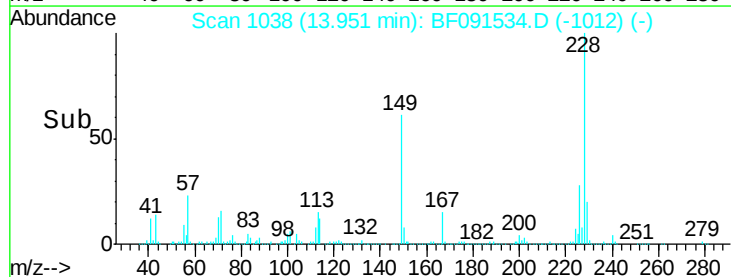
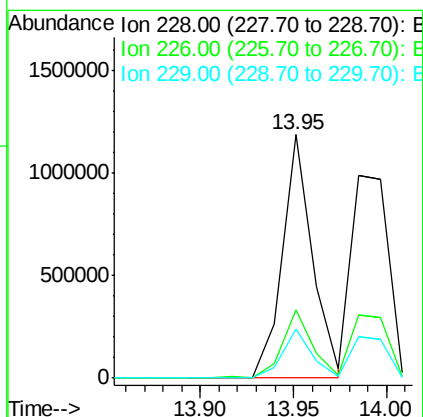
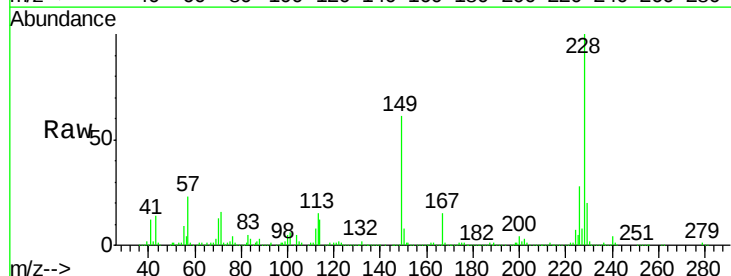
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

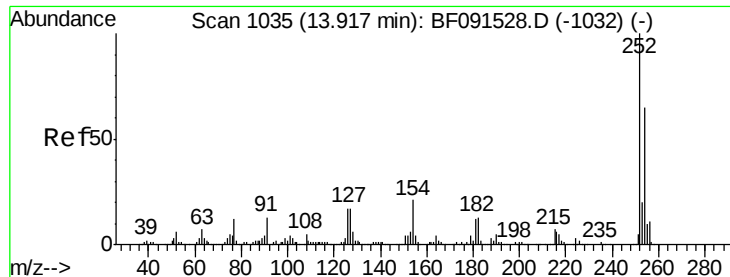
Tgt Ion:149 Resp: 736293
Ion Ratio Lower Upper
149 100
91 82.4 57.4 86.2
206 16.5 15.4 23.2



#80
Benzo(a)anthracene
Concen: 37.89 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF091534.D
Acq: 9 Dec 2016 18:30

Tgt Ion:228 Resp: 1337542
Ion Ratio Lower Upper
228 100
226 27.9 22.5 33.7
229 20.4 16.4 24.6

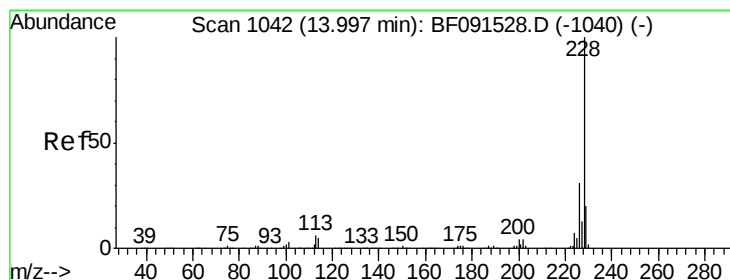
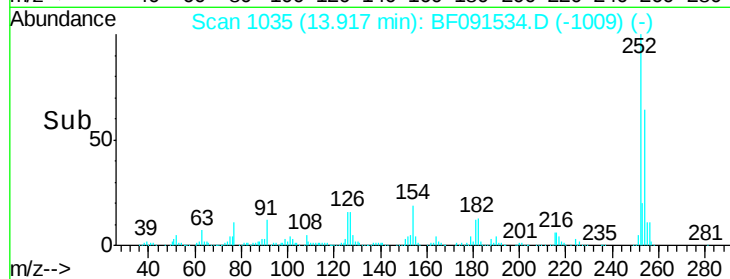
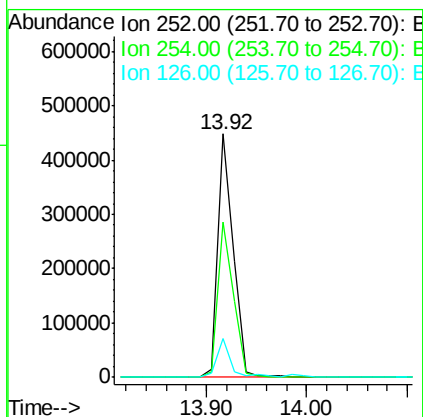
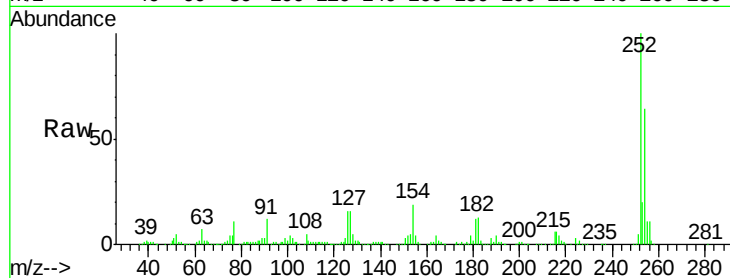




#81
 3,3'-Dichlorobenzidine
 Concen: 37.94 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

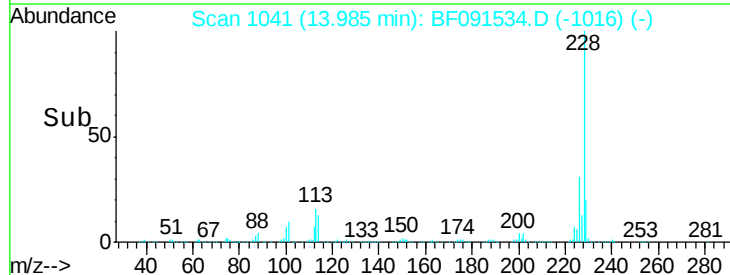
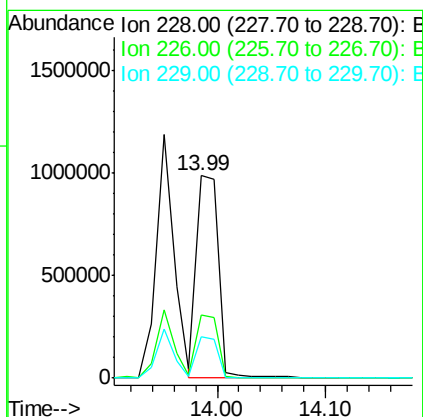
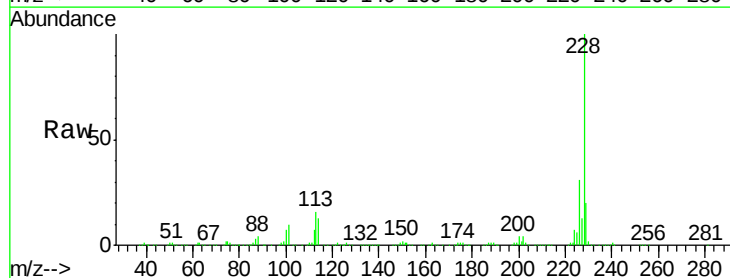
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

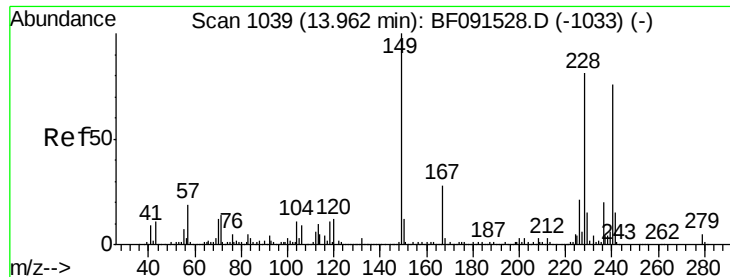
Tgt Ion:252 Resp: 480914
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.1 78.1
 126 16.1 7.5 11.3#



#82
 Chrysene
 Concen: 37.55 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion:228 Resp: 1386767
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.4
 229 20.2 16.0 24.0

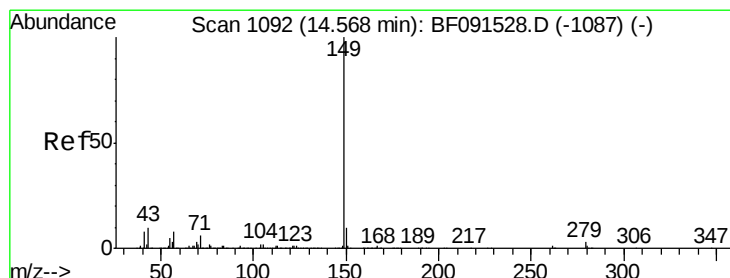
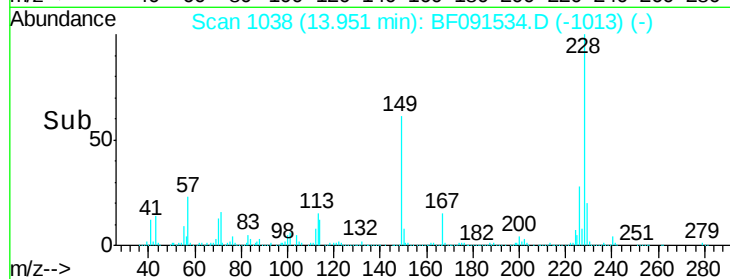
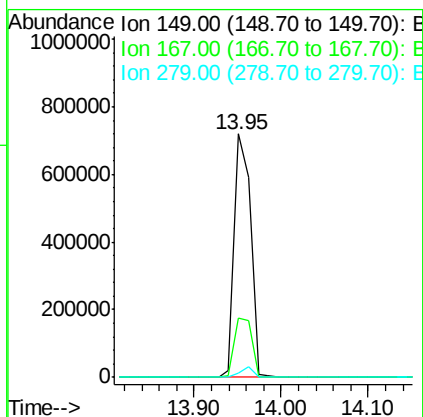
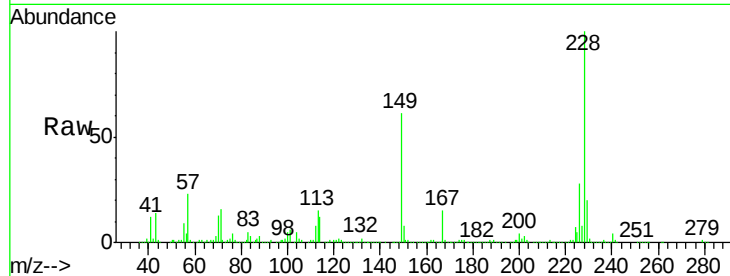




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.49 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

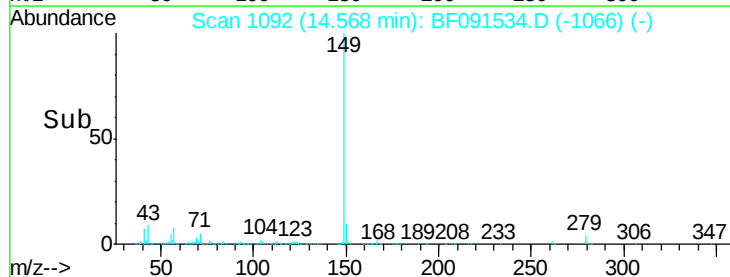
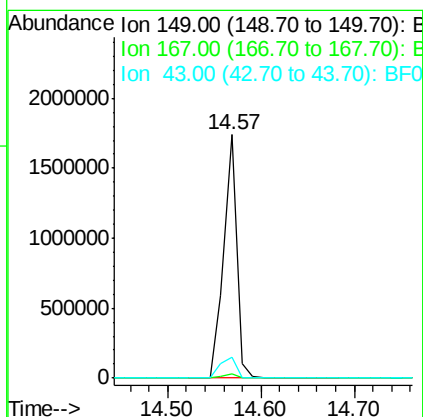
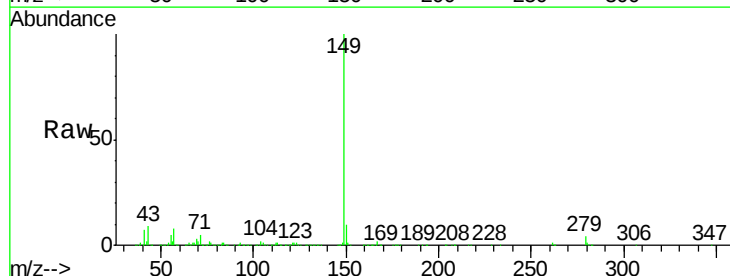
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

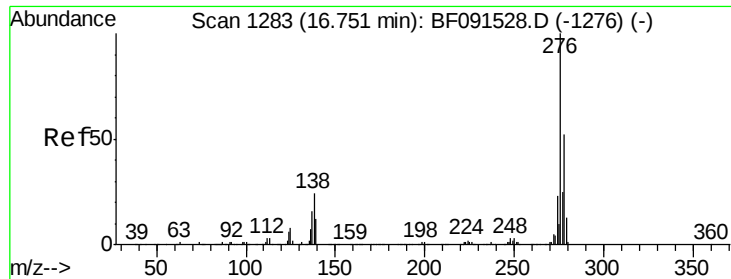
Tgt Ion:149 Resp: 928401
 Ion Ratio Lower Upper
 149 100
 167 24.4 19.6 29.4
 279 1.8 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 41.25 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF091534.D
 Acq: 9 Dec 2016 18:30

Tgt Ion:149 Resp: 1688654
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.9 11.9 17.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.45 ng

RT: 16.75 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

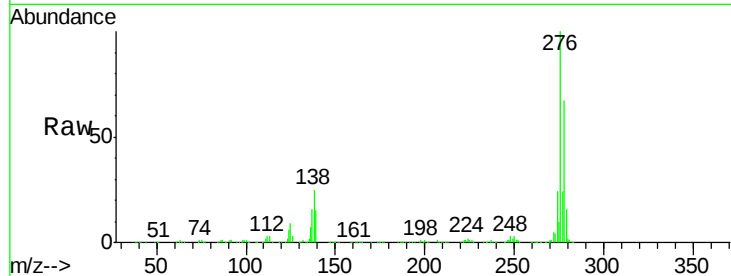
Tgt Ion:276 Resp: 1344411

Ion Ratio Lower Upper

276 100

138 26.8 21.0 31.4

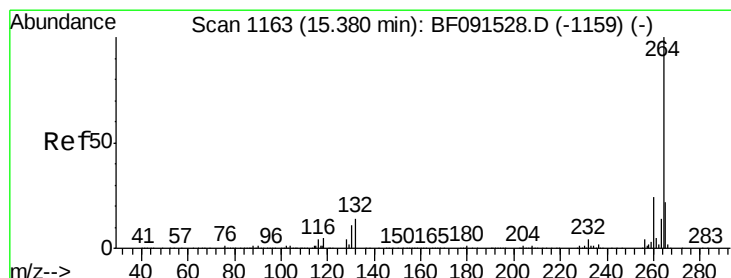
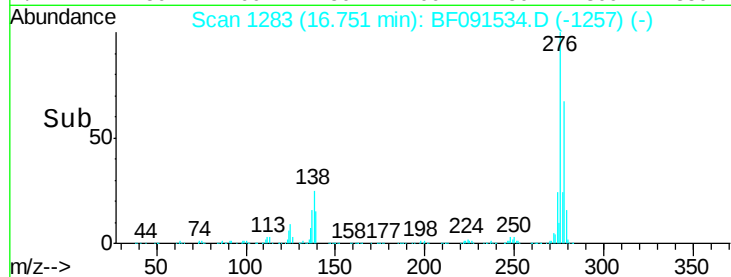
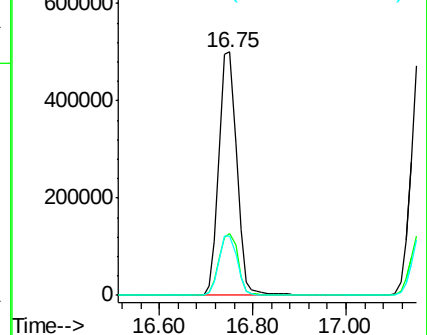
277 25.1 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

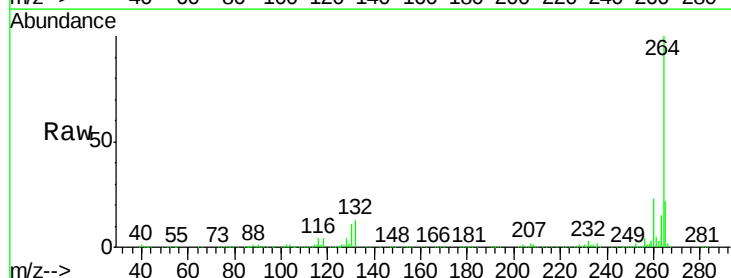
Tgt Ion:264 Resp: 592489

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

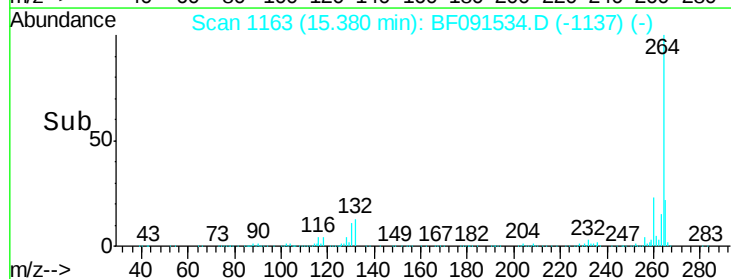
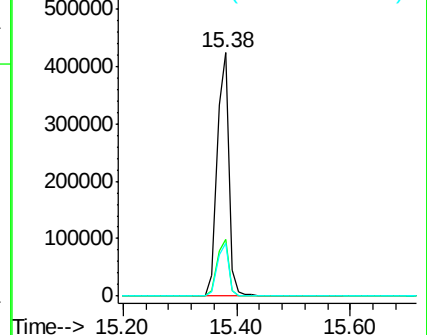
265 21.6 17.0 25.6

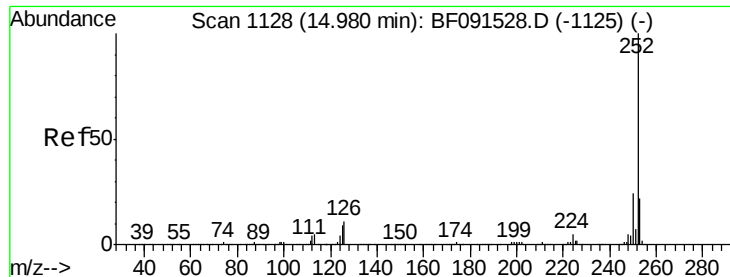


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 72.94 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

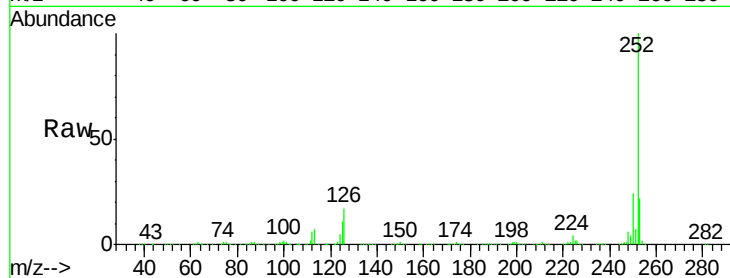
Tgt Ion:252 Resp: 2576383

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

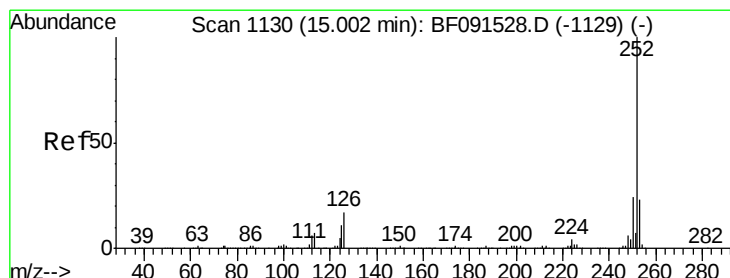
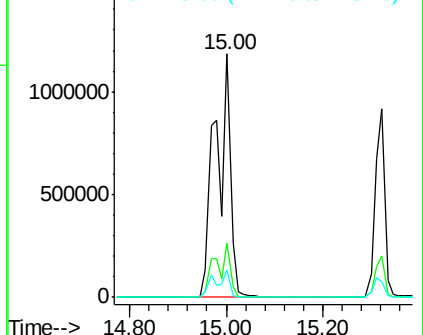
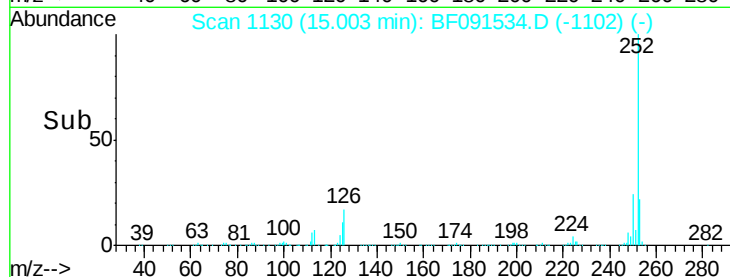
125 11.0 8.6 13.0



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



#88

Benzo(k)fluoranthene

Concen: 83.02 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

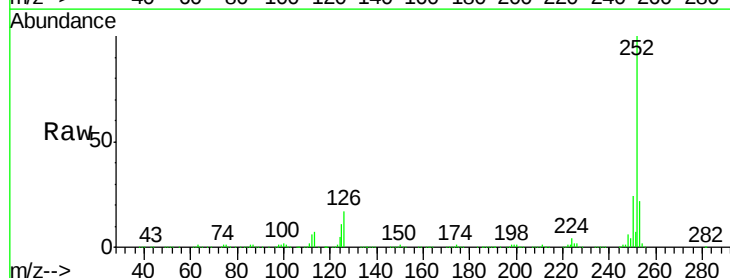
Tgt Ion:252 Resp: 2578303

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

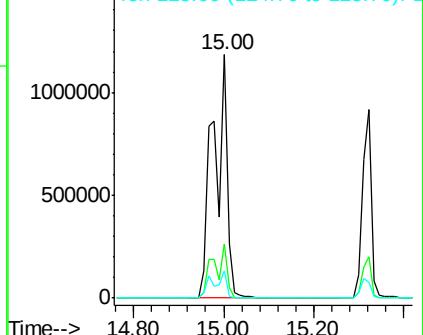
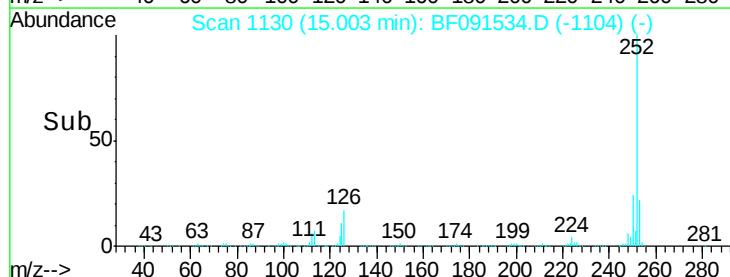
125 11.0 9.6 14.4

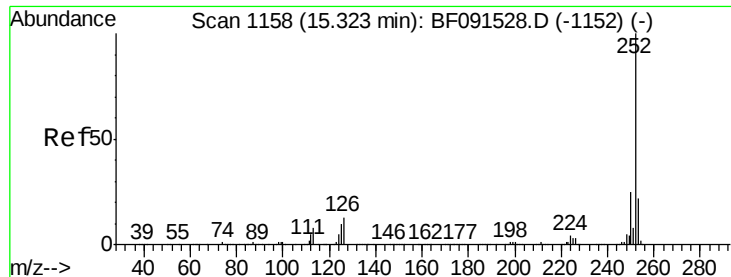


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.90 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

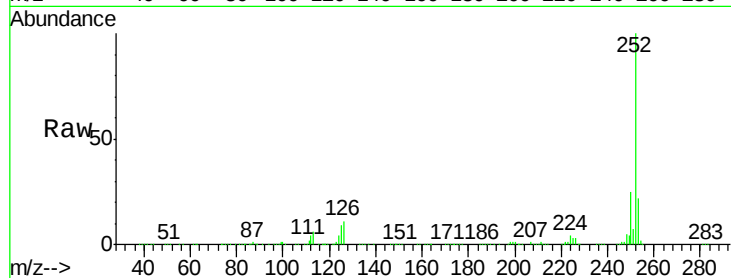
Tgt Ion:252 Resp: 1269508

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

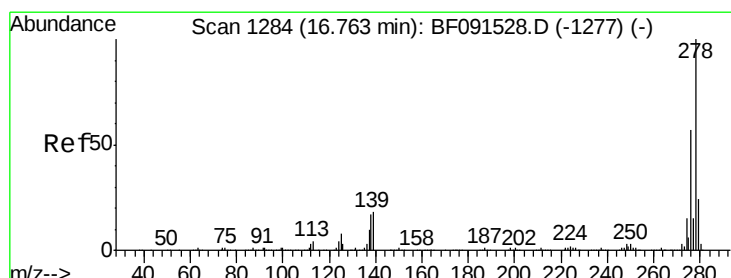
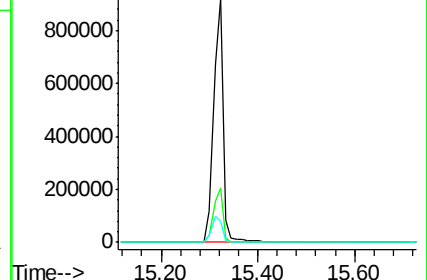
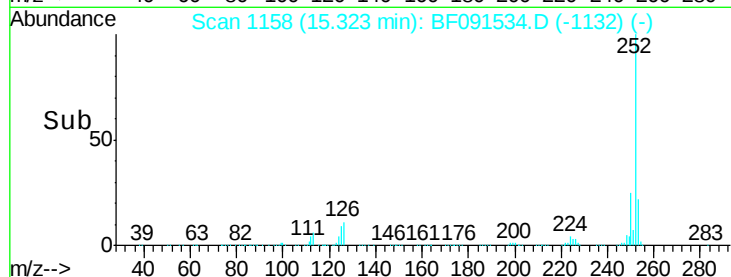
125 8.7 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.85 ng

RT: 16.76 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

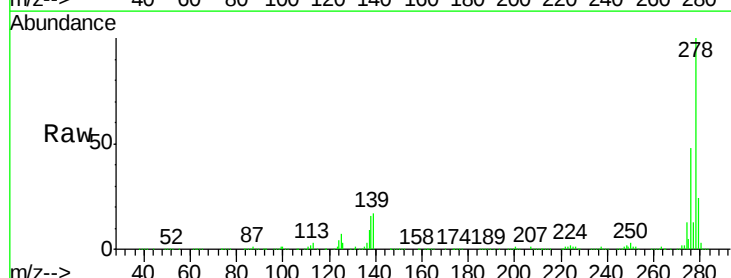
Tgt Ion:278 Resp: 1135938

Ion Ratio Lower Upper

278 100

139 17.0 15.1 22.7

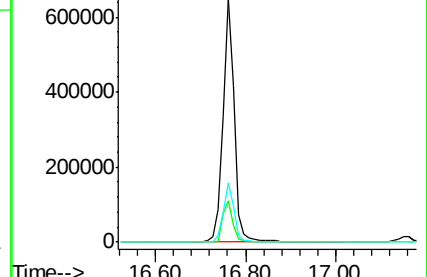
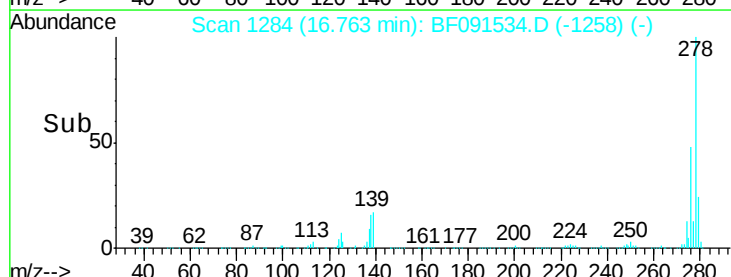
279 24.1 19.0 28.6

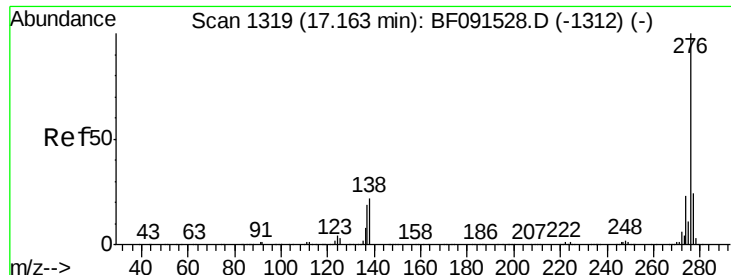


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.24 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF091534.D

Acq: 9 Dec 2016 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

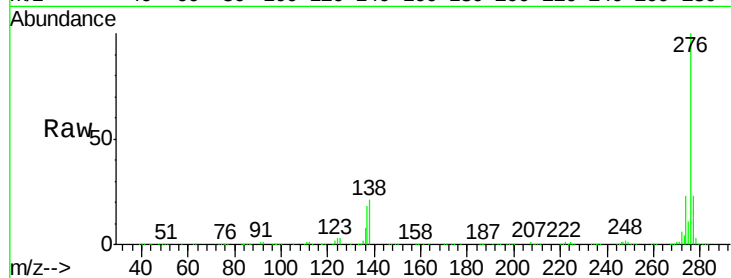
Tgt Ion: 276 Resp: 1167353

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 21.0 15.4 23.0



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

