

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092342.D
 Acq On : 18 Jan 2017 10:35
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 19 00:35:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	215819	20.00	ng	-0.10
21) Naphthalene-d8	7.83	136	909967	20.00	ng	-0.10
38) Acenaphthene-d10	9.58	164	471651	20.00	ng	-0.10
63) Phenanthrene-d10	11.06	188	794483	20.00	ng	-0.10
75) Chrysene-d12	13.70	240	666147	20.00	ng	-0.09
86) Perylene-d12	15.03	264	711864	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	1248318	96.58	ng	-0.11
7) Phenol-d6	6.22	99	1388266	87.97	ng	-0.09
23) Nitrobenzene-d5	7.12	82	1221177	74.62	ng	-0.09
41) 2,4,6-Tribromophenol	10.37	330	314791	80.65	ng	-0.10
44) 2-Fluorobiphenyl	8.92	172	2088260	91.74	ng	-0.09
78) Terphenyl-d14	12.65	244	2176625	79.25	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	297346	46.73	ng	99
3) Pyridine	2.55	79	788711	35.51	ng	96
4) n-Nitrosodimethylamine	2.53	42	337830	40.33	ng	99
6) Aniline	6.21	93	873103	42.60	ng	# 50
8) 2-Chlorophenol	6.34	128	630919	42.91	ng	94
9) Benzaldehyde	6.08	77	372207	42.16	ng	93
10) Phenol	6.23	94	858208	47.72	ng	# 69
11) bis(2-Chloroethyl)ether	6.29	93	624962	43.68	ng	97
12) 1,3-Dichlorobenzene	6.48	146	682630	43.49	ng	# 94
13) 1,4-Dichlorobenzene	6.56	146	678973	42.50	ng	96
14) 1,2-Dichlorobenzene	6.71	146	547389	39.49	ng	96
15) Benzyl Alcohol	6.71	79	539043	43.96	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	888374	41.69	ng	# 19
17) 2-Methylphenol	6.84	107	489903	41.43	ng	# 90
18) Hexachloroethane	7.06	117	261374	44.13	ng	98
19) n-Nitroso-di-n-propylamine	6.99	70	479188	45.64	ng	96
20) 3+4-Methylphenols	7.00	107	657193	46.60	ng	# 73
22) Acetophenone	6.98	105	942173	41.98	ng	# 93
24) Nitrobenzene	7.15	77	778680	44.68	ng	92
25) Isophorone	7.39	82	1218095	40.35	ng	96
26) 2-Nitrophenol	7.46	139	330800	38.49	ng	94
27) 2,4-Dimethylphenol	7.52	122	554852	38.92	ng	95
28) bis(2-Chloroethoxy)methane	7.60	93	734043	40.09	ng	99
29) 2,4-Dichlorophenol	7.72	162	483844	40.08	ng	97
30) 1,2,4-Trichlorobenzene	7.79	180	534086	40.37	ng	98
31) Naphthalene	7.86	128	1654004	39.71	ng	99
32) Benzoic acid	7.71	122	403598	38.17	ng	98
33) 4-Chloroaniline	7.92	127	771422	41.08	ng	97
34) Hexachlorobutadiene	7.98	225	301985	43.25	ng	99
35) Caprolactam	8.31	113	168407	42.45	ng	# 56
36) 4-Chloro-3-methylphenol	8.43	107	568261	40.91	ng	99
37) 2-Methylnaphthalene	8.55	142	1143635	45.49	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	456446	38.30	ng	99
40) Hexachlorocyclopentadiene	8.70	237	198731	39.56	ng	99

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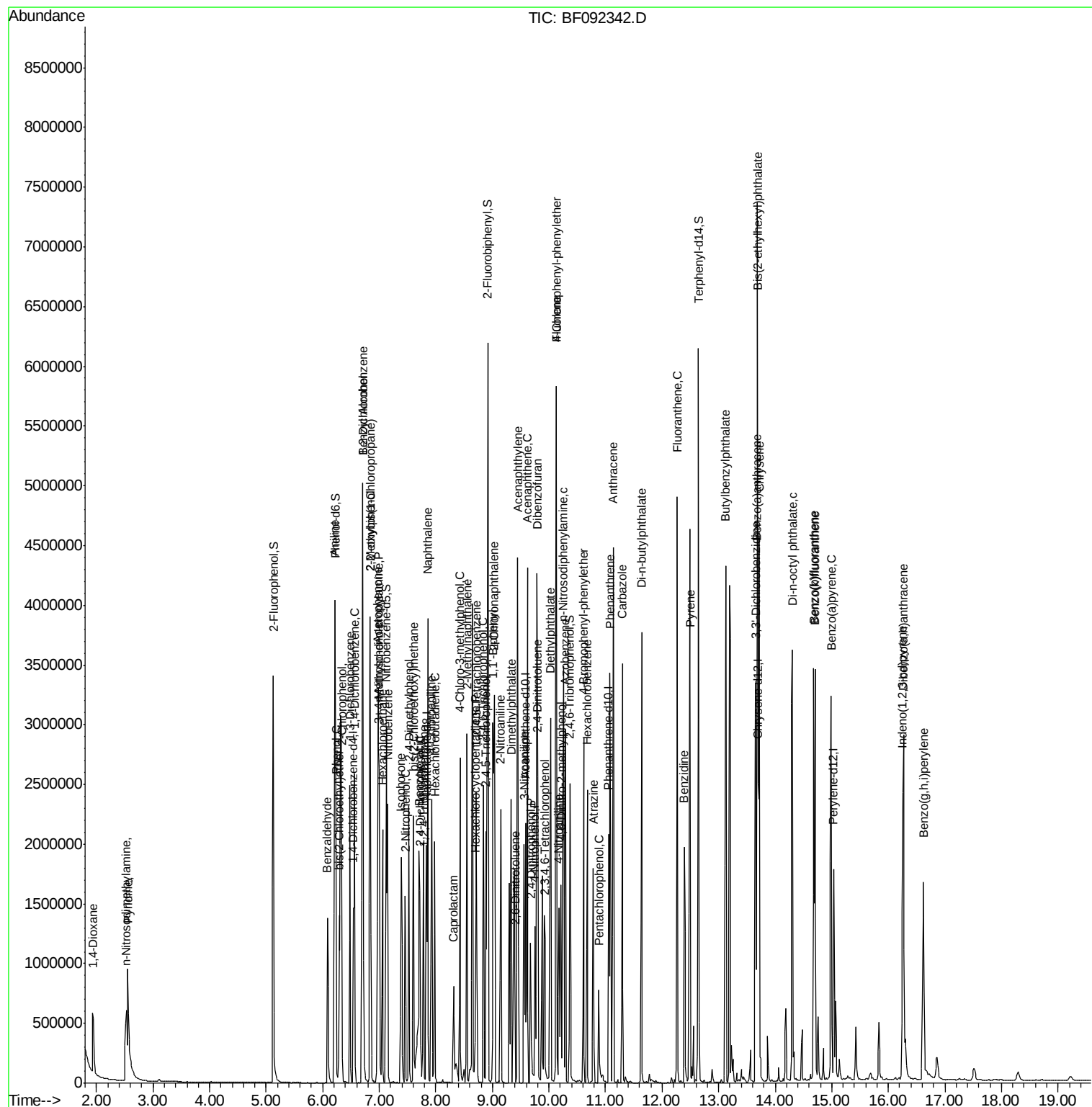
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	319645	38.36	ng	98
43) 2,4,5-Trichlorophenol	8.88	196	331033	38.60	ng	96
45) 1,1'-Biphenyl	9.01	154	1362332	42.18	ng	97
46) 2-Chloronaphthalene	9.03	162	964523	37.71	ng	94
47) 2-Nitroaniline	9.15	65	421880	46.33	ng	94
48) Acenaphthylene	9.44	152	1529167	38.88	ng	99
49) Dimethylphthalate	9.33	163	1232529	40.86	ng	99
50) 2,6-Dinitrotoluene	9.40	165	283087	42.87	ng	# 71
51) Acenaphthene	9.62	154	947828	35.54	ng	99
52) 3-Nitroaniline	9.56	138	309692	37.90	ng	99
53) 2,4-Dinitrophenol	9.67	184	168370	45.83	ng	# 56
54) Dibenzofuran	9.79	168	1277211	35.47	ng	98
55) 4-Nitrophenol	9.75	139	199015m	35.87	ng	
56) 2,4-Dinitrotoluene	9.80	165	371121	44.78	ng	97
57) Fluorene	10.13	166	1064265	40.62	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	264854	39.05	ng	97
59) Diethylphthalate	10.03	149	1320716	45.08	ng	97
60) 4-Chlorophenyl-phenylether	10.13	204	511140	44.56	ng	# 83
61) 4-Nitroaniline	10.18	138	340387	40.20	ng	98
62) Azobenzene	10.29	77	1462881	45.35	ng	91
64) 4,6-Dinitro-2-methylphenol	10.21	198	224159	46.66	ng	# 68
65) n-Nitrosodiphenylamine	10.26	169	1084678	46.01	ng	99
66) 4-Bromophenyl-phenylether	10.61	248	310121	37.52	ng	97
67) Hexachlorobenzene	10.68	284	361828	40.96	ng	98
68) Atrazine	10.78	200	198913	26.16	ng	99
69) Pentachlorophenol	10.88	266	161875	37.35	ng	99
70) Phenanthrene	11.08	178	1677927	38.95	ng	99
71) Anthracene	11.14	178	1715455	44.86	ng	99
72) Carbazole	11.30	167	1479271	39.57	ng	100
73) Di-n-butylphthalate	11.64	149	2007387	49.60	ng	99
74) Fluoranthene	12.27	202	2281274	61.79	ng	97
76) Benzidine	12.39	184	997659	64.96	ng	98
77) Pyrene	12.50	202	2232632	45.68	ng	99
79) Butylbenzylphthalate	13.13	149	1091386	49.10	ng	91
80) Benzo(a)anthracene	13.67	228	1758719	46.77	ng	99
81) 3,3'-Dichlorobenzidine	13.65	252	690976	48.46	ng	# 97
82) Chrysene	13.72	228	1827836	48.46	ng	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	1187858	45.38	ng	99
84) Di-n-octyl phthalate	14.30	149	2441053	50.34	ng	99
85) Indeno(1,2,3-cd)pyrene	16.26	276	1428998	43.73	ng	98
87) Benzo(b)fluoranthene	14.68	252	1724483m	38.91	ng	
88) Benzo(k)fluoranthene	14.70	252	1404498m	37.16	ng	
89) Benzo(a)pyrene	14.99	252	1532088	38.95	ng	99
90) Dibenzo(a,h)anthracene	16.27	278	1183188	36.59	ng	99
91) Benzo(g,h,i)perylene	16.62	276	1266894	37.68	ng	# 96

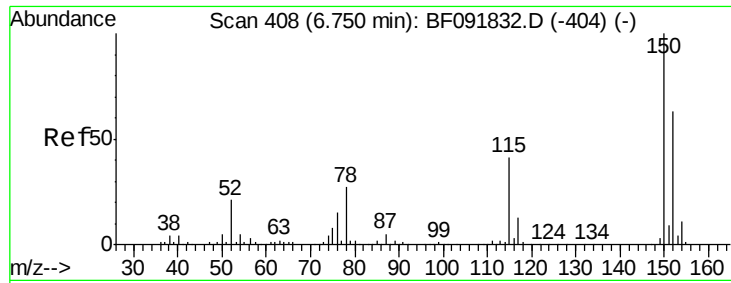
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 416

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

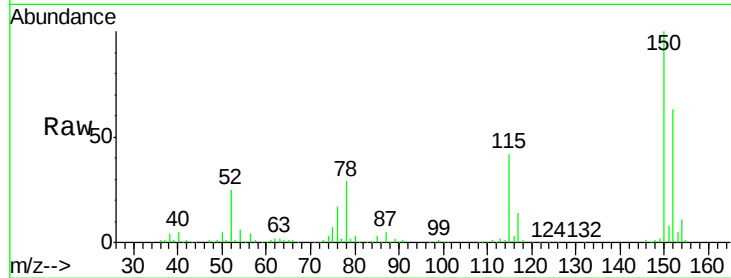
Tgt Ion:152 Resp: 215819

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

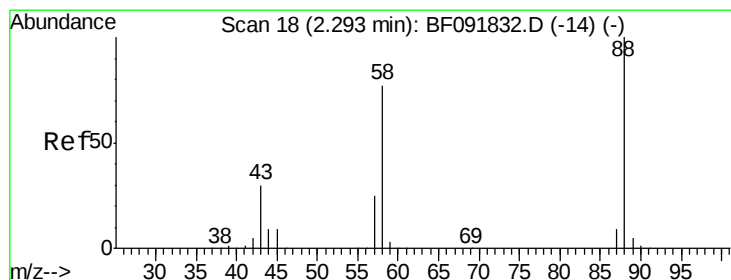
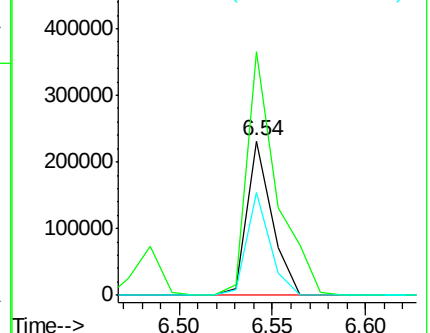
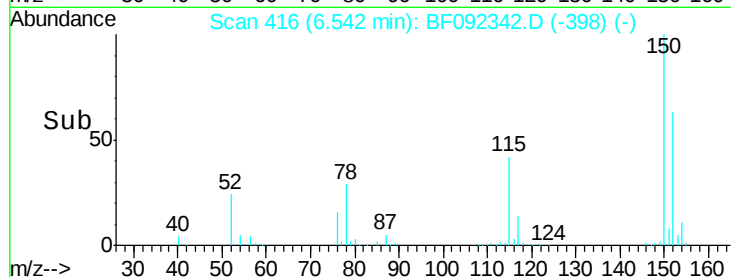
115 66.8 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.73 ng

RT: 1.94 min Scan# 13

Delta R.T. -0.15 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

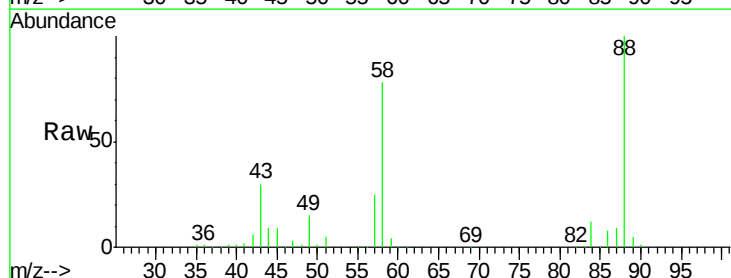
Tgt Ion: 88 Resp: 297346

Ion Ratio Lower Upper

88 100

58 71.7 57.8 86.8

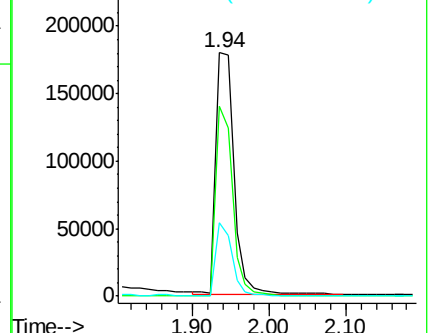
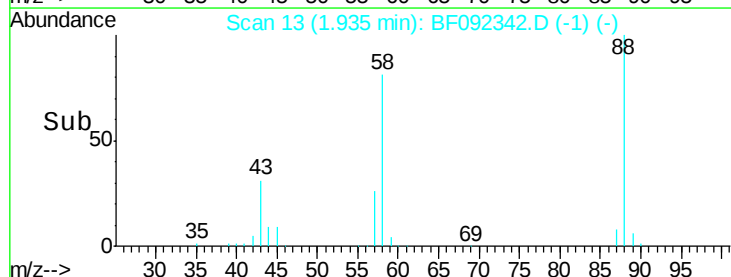
43 27.5 22.3 33.5

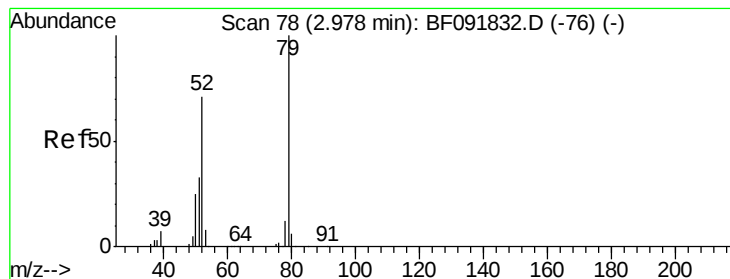


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.51 ng

RT: 2.55 min Scan# 67

Delta R.T. -0.18 min

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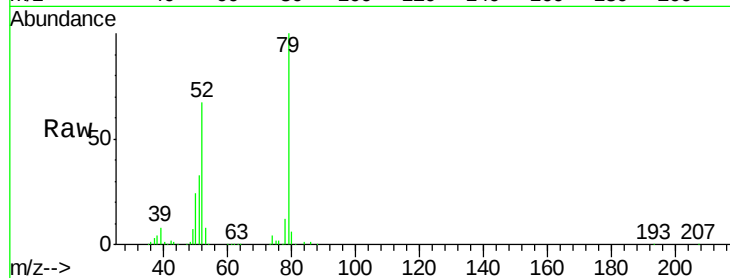
Tgt Ion: 79 Resp: 788711

Ion Ratio Lower Upper

79 100

52 66.9 57.1 85.7

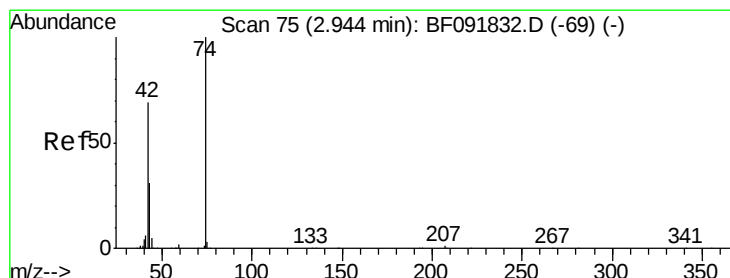
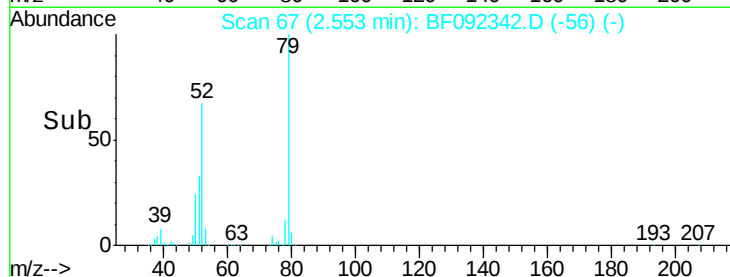
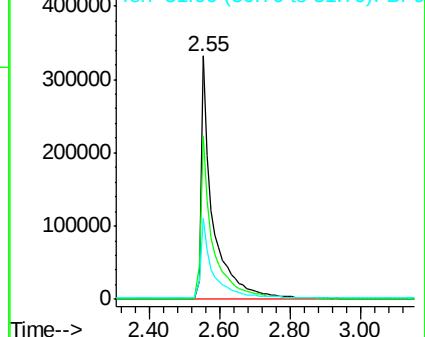
51 33.5 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.33 ng

RT: 2.53 min Scan# 65

Delta R.T. -0.16 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

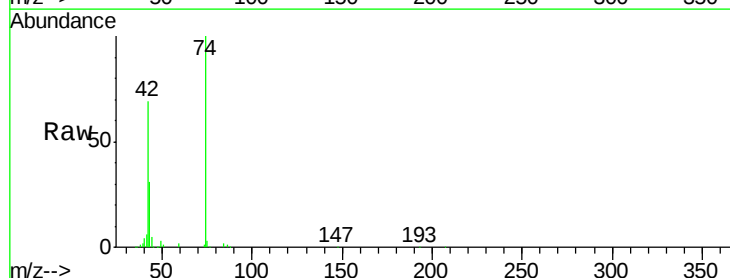
Tgt Ion: 42 Resp: 337830

Ion Ratio Lower Upper

42 100

74 144.4 117.0 175.4

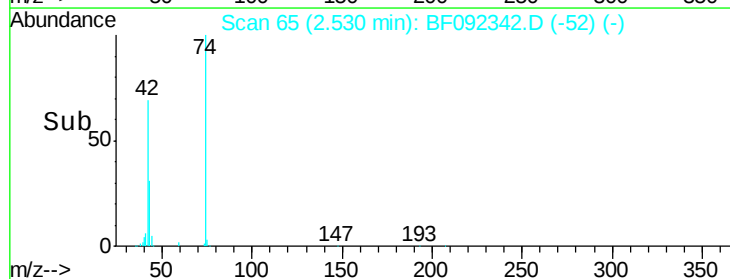
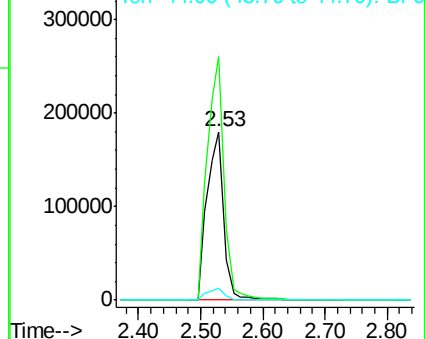
44 7.3 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 96.58 ng

RT: 5.12 min Scan# 292

Delta R.T. -0.11 min

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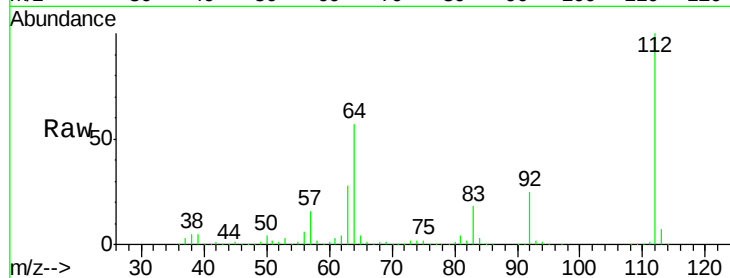
Tgt Ion: 112 Resp: 1248318

Ion Ratio Lower Upper

112 100

64 56.5 46.1 69.1

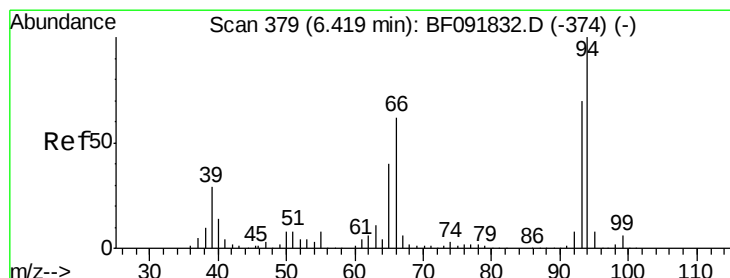
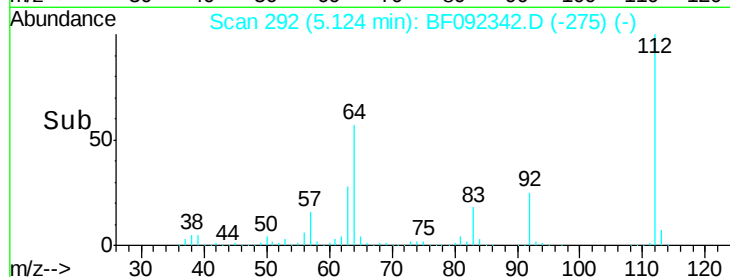
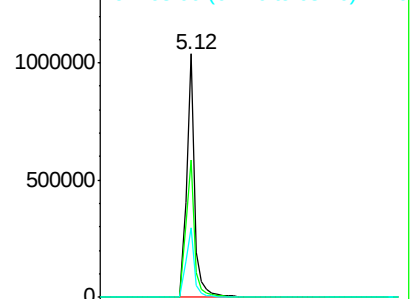
63 28.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.60 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

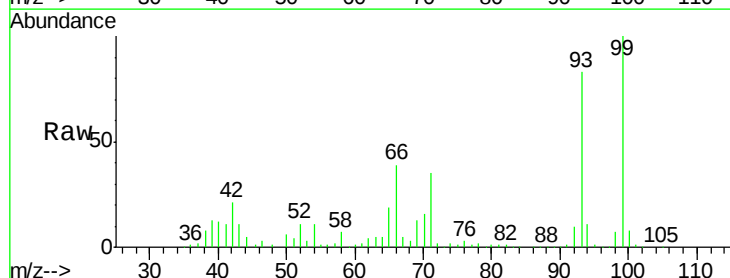
Tgt Ion: 93 Resp: 873103

Ion Ratio Lower Upper

93 100

66 47.2 76.2 114.2#

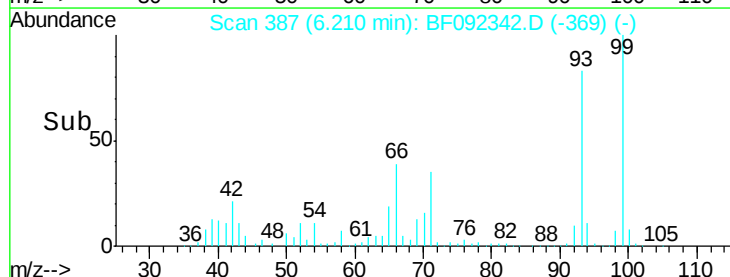
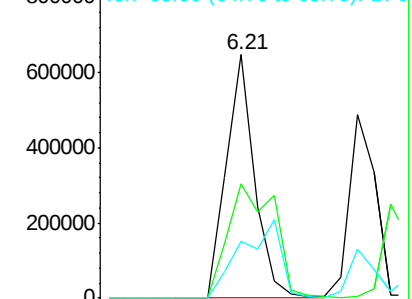
65 23.1 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 87.97 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

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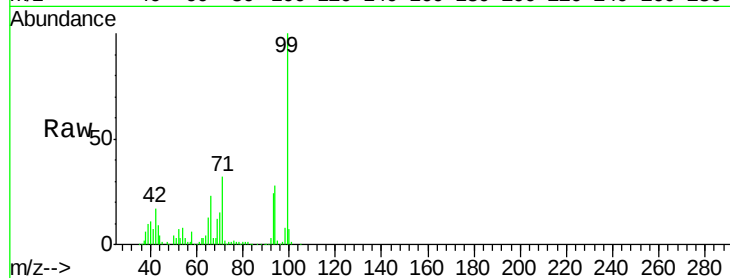
Tgt Ion: 99 Resp: 1388266

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

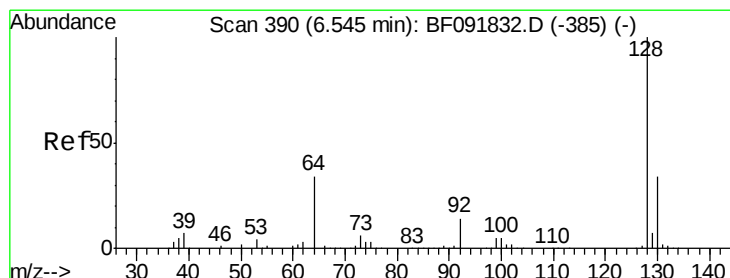
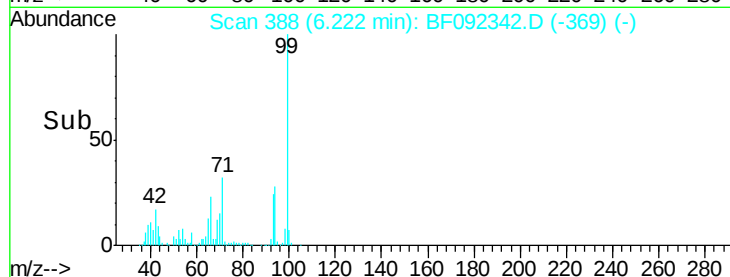
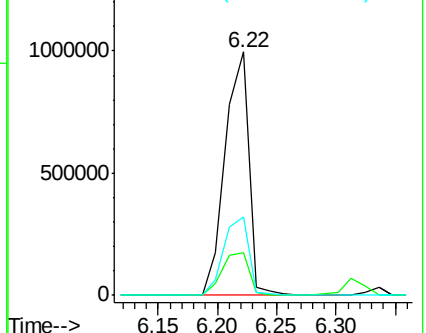
71 32.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.91 ng

RT: 6.34 min Scan# 398

Delta R.T. -0.10 min

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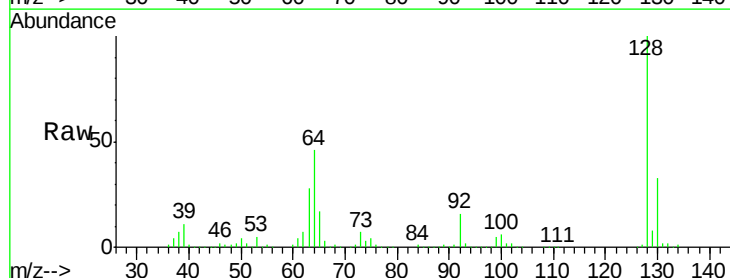
Tgt Ion: 128 Resp: 630919

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

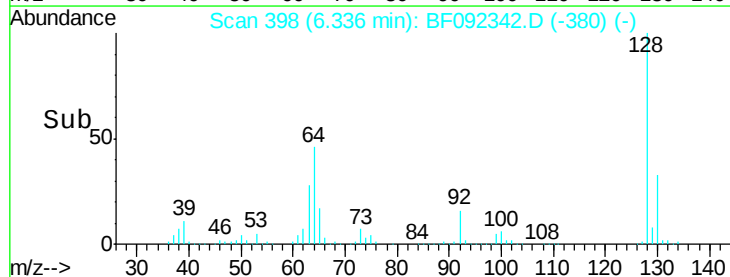
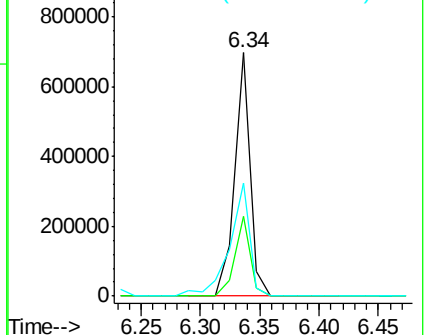
64 46.3 32.2 72.2

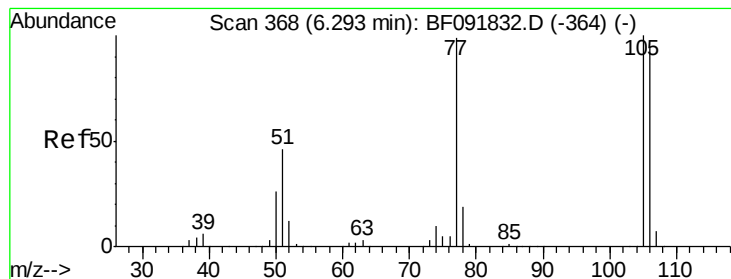


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.16 ng

RT: 6.08 min Scan# 376

Delta R.T. -0.10 min

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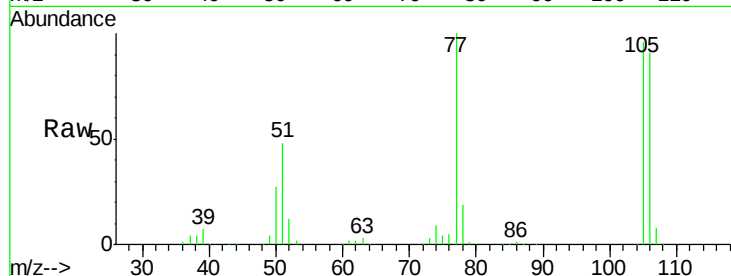
Tgt Ion: 77 Resp: 372207

Ion Ratio Lower Upper

77 100

105 95.8 83.9 123.9

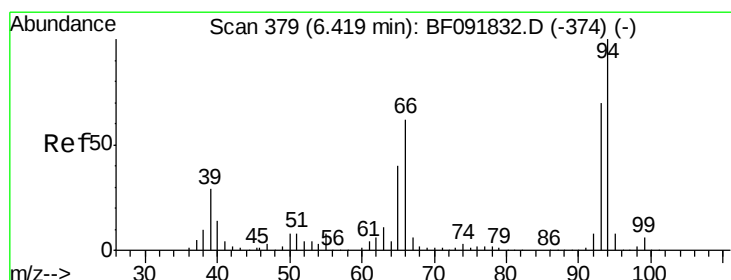
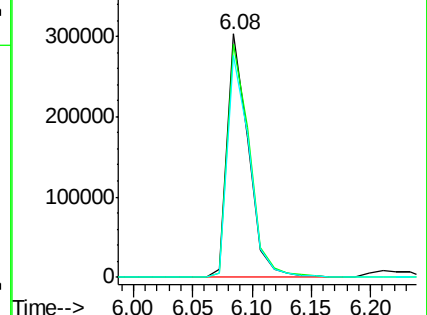
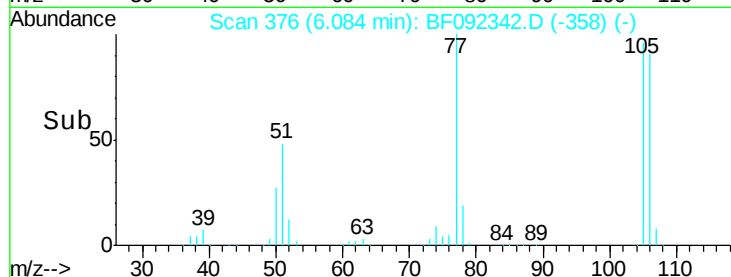
106 91.1 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.72 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.09 min

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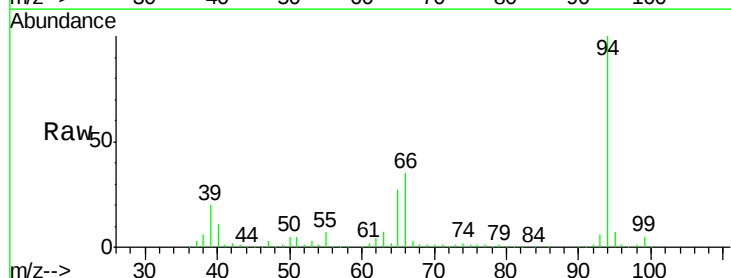
Tgt Ion: 94 Resp: 858208

Ion Ratio Lower Upper

94 100

65 27.0 21.4 61.4

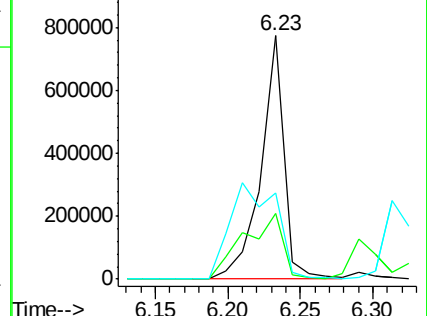
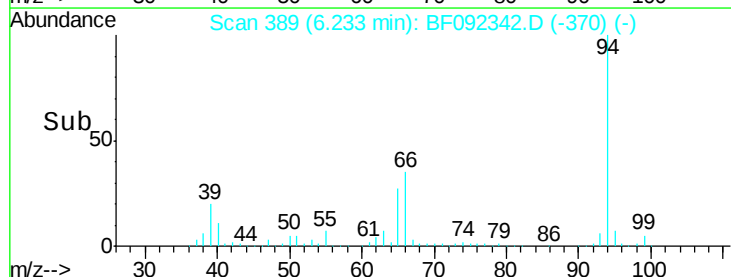
66 35.4 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

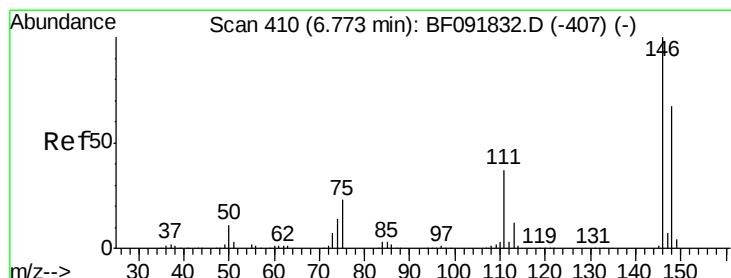
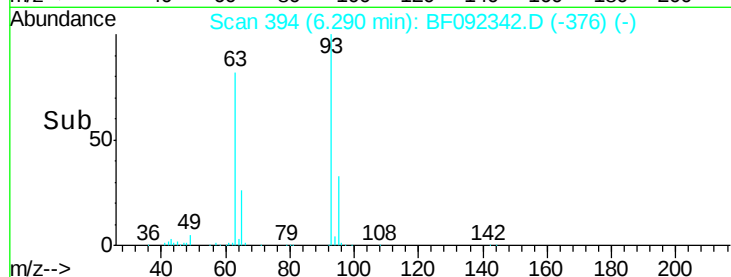
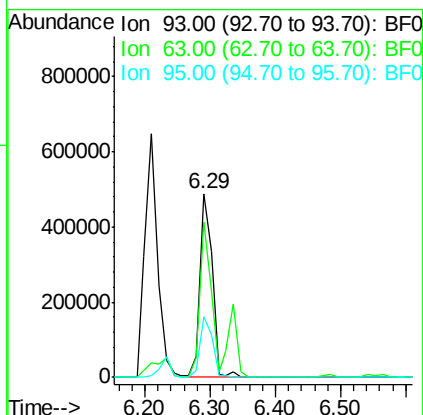
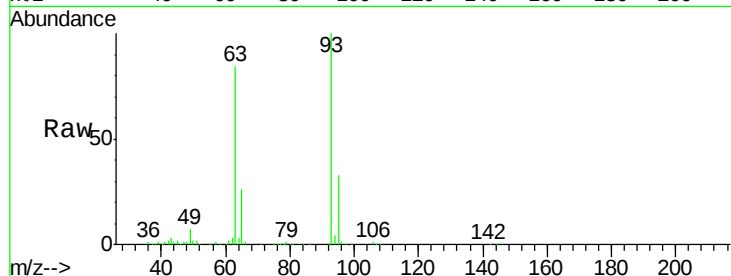




#11
bis(2-Chloroethyl)ether
Concen: 43.68 ng
RT: 6.29 min Scan# 394
Delta R.T. -0.10 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

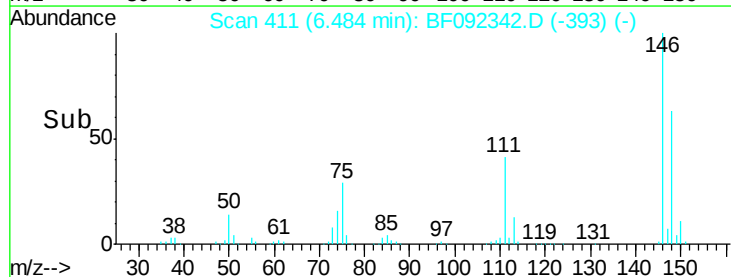
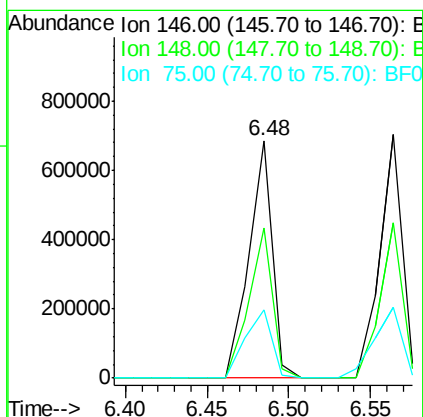
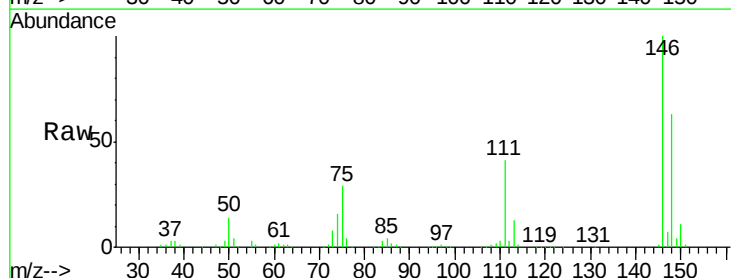
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

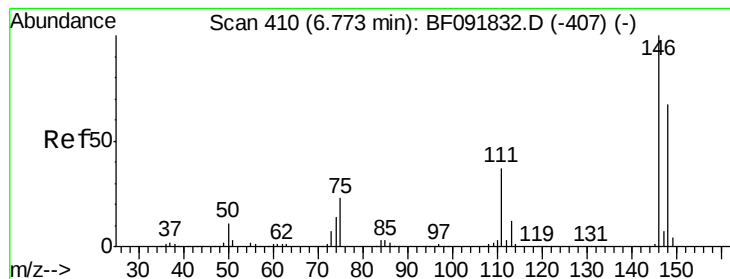
Tgt Ion: 93 Resp: 624962
Ion Ratio Lower Upper
93 100
63 84.4 60.4 100.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.49 ng
RT: 6.48 min Scan# 411
Delta R.T. -0.10 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Tgt Ion: 146 Resp: 682630
Ion Ratio Lower Upper
146 100
148 63.2 53.4 80.0
75 28.5 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 42.50 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

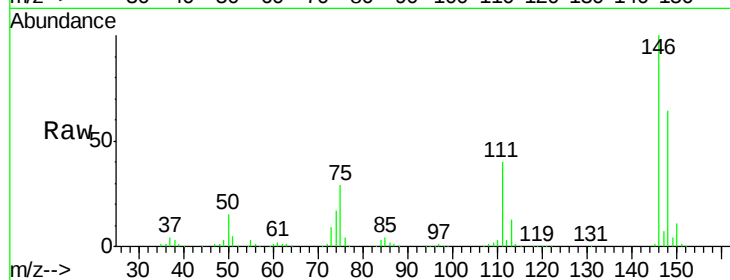
Tgt Ion:146 Resp: 678973

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

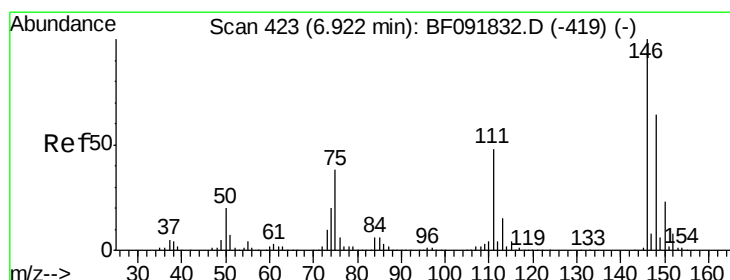
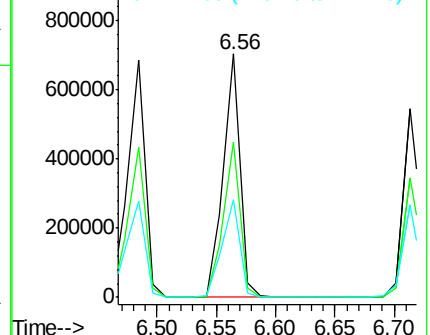
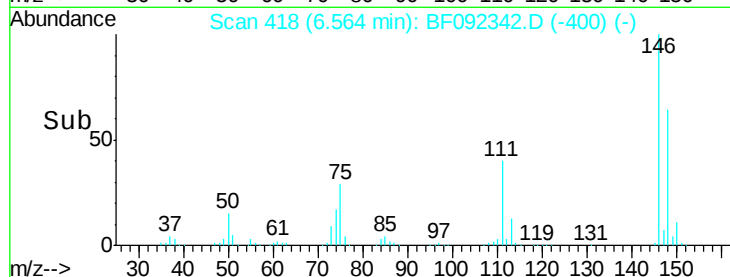
111 40.0 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.49 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

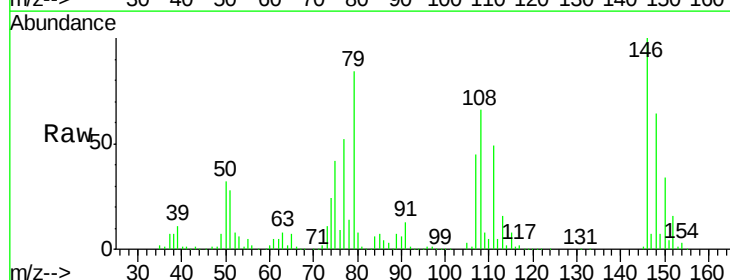
Tgt Ion:146 Resp: 547389

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

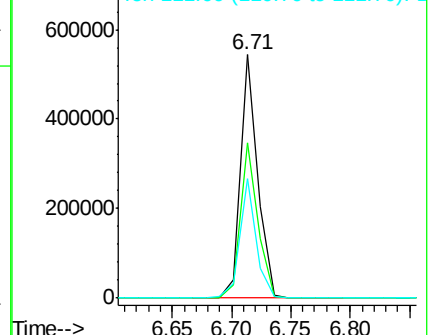
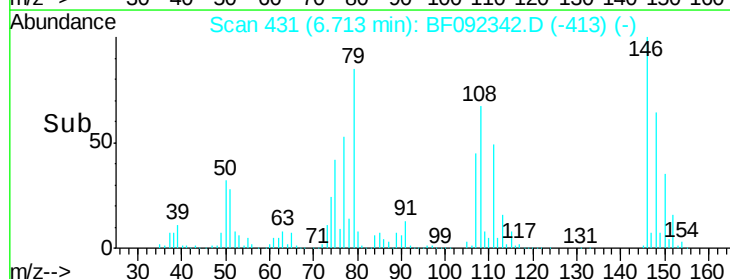
111 48.9 36.2 54.2

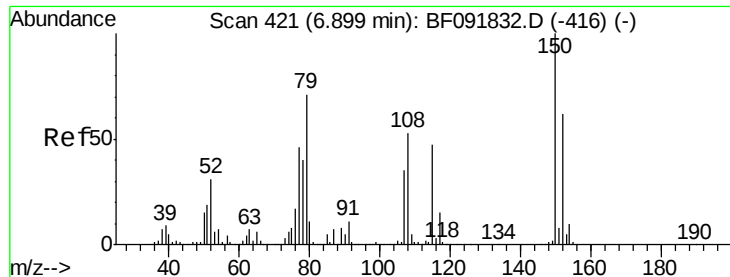


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.96 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

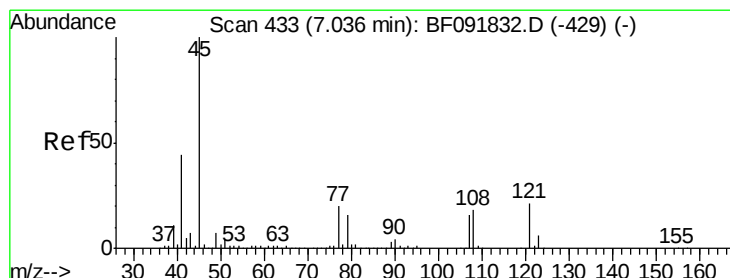
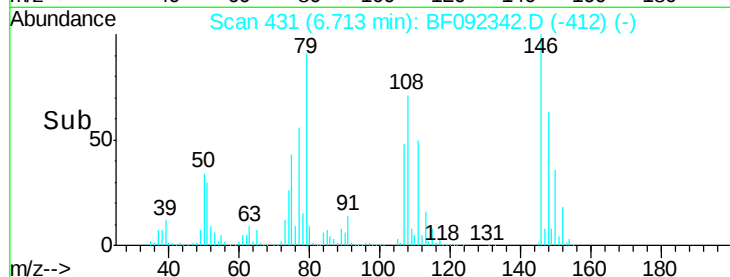
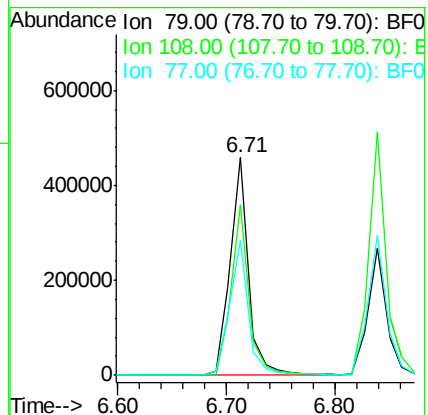
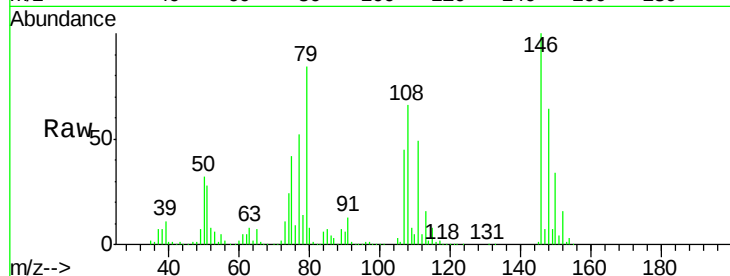
Tgt Ion: 79 Resp: 539043

Ion Ratio Lower Upper

79 100

108 78.6 61.4 92.0

77 62.1 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.69 ng

RT: 6.84 min Scan# 442

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

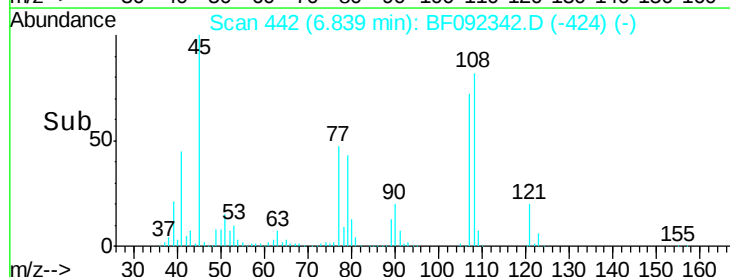
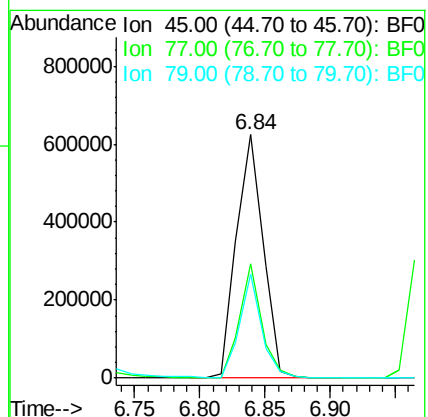
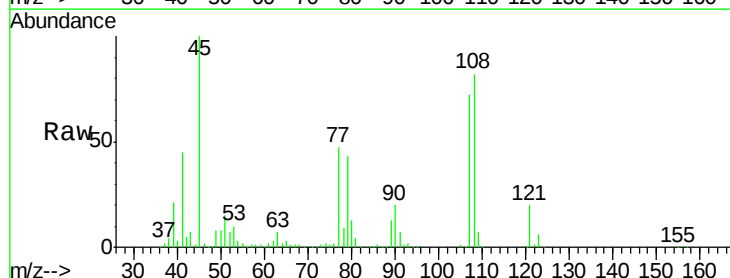
Tgt Ion: 45 Resp: 888374

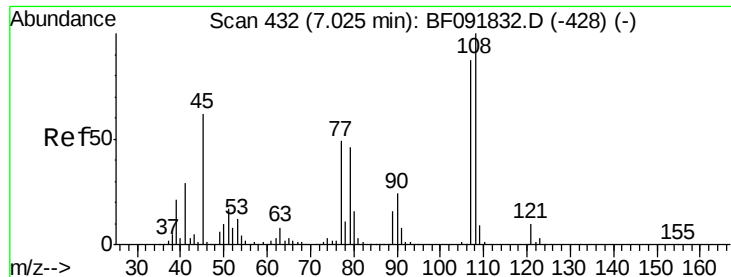
Ion Ratio Lower Upper

45 100

77 47.1 0.0 34.6#

79 42.9 0.0 31.2#

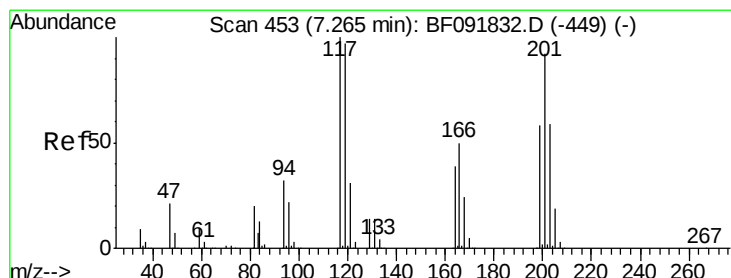
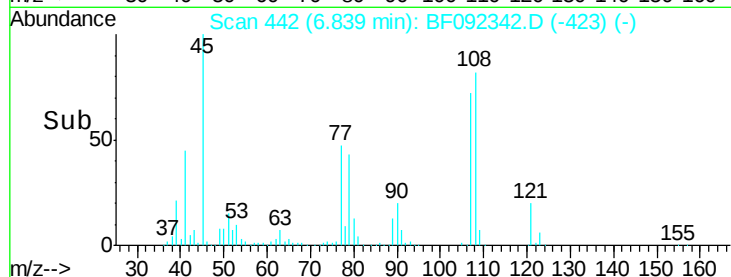
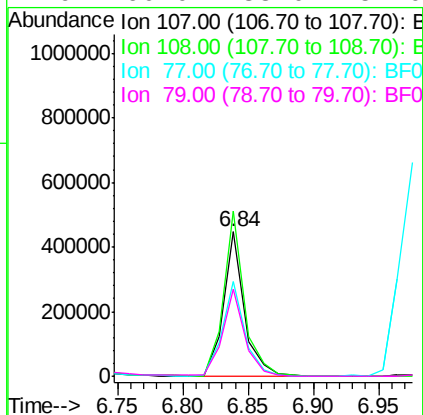
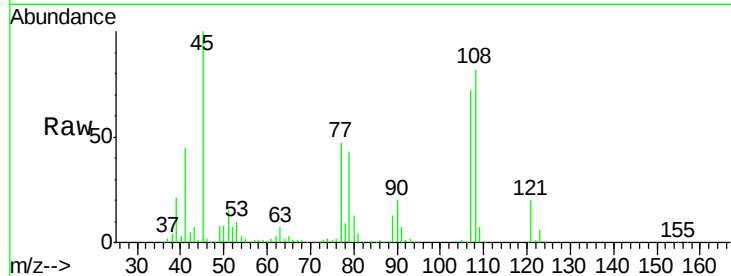




#17
2-Methylphenol
Concen: 41.43 ng
RT: 6.84 min Scan# 442
Delta R.T. -0.09 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

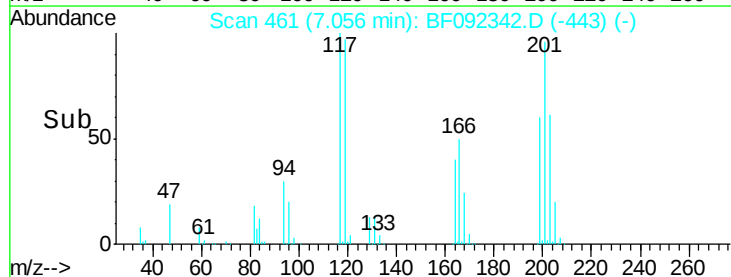
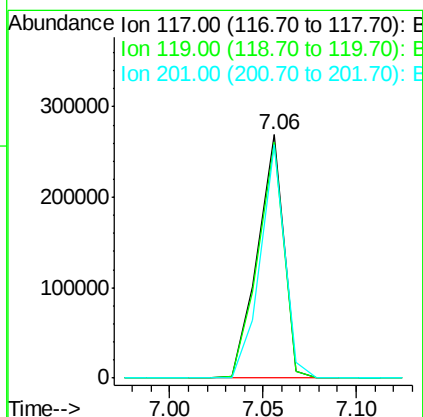
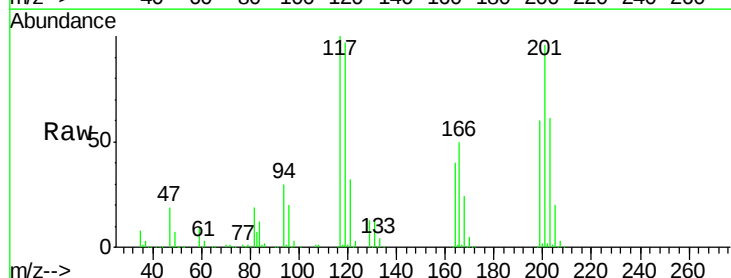
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

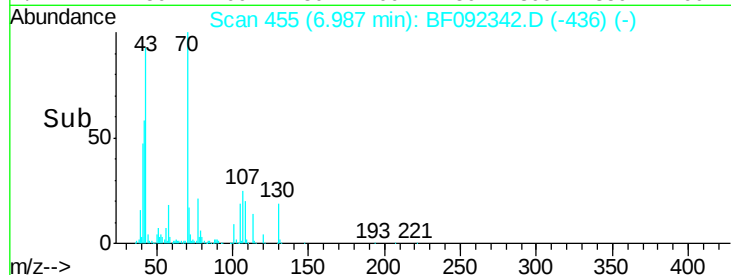
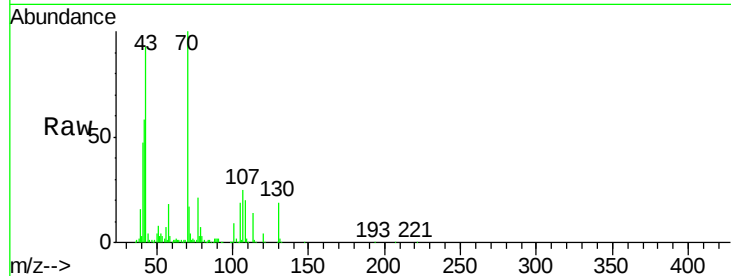
Tgt Ion:107 Resp: 489903
Ion Ratio Lower Upper
107 100
108 114.7 93.0 139.6
77 65.9 39.8 59.8#
79 60.0 38.0 57.0#



#18
Hexachloroethane
Concen: 44.13 ng
RT: 7.06 min Scan# 461
Delta R.T. -0.10 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Tgt Ion:117 Resp: 261374
Ion Ratio Lower Upper
117 100
119 96.9 78.1 117.1
201 95.7 78.6 117.8

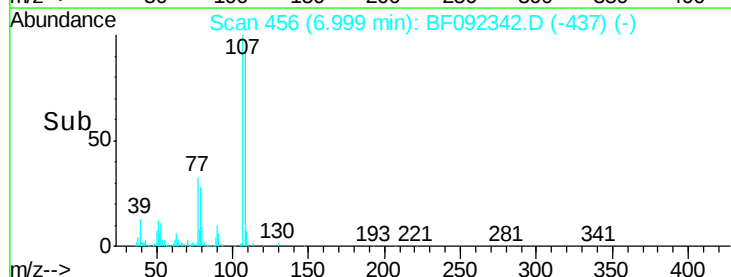
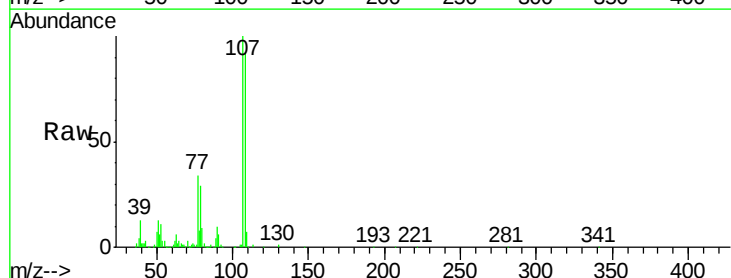
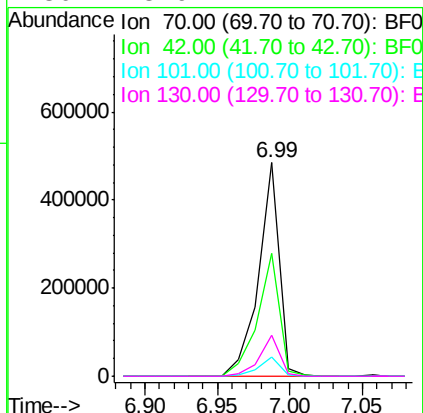




#19
n-Nitroso-di-n-propylamine
Concen: 45.64 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.09 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

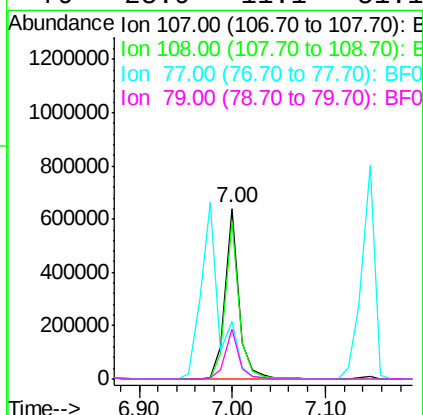
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

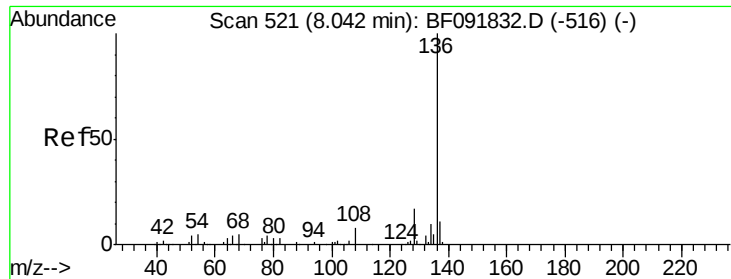
Tgt Ion:	70	Resp:	479188
Ion	Ratio	Lower	Upper
70	100		
42	57.7	49.4	74.0
101	9.0	7.4	11.2
130	18.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.60 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.09 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Tgt Ion:	107	Resp:	657193
Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.0	113.0
77	33.6	71.3	111.3#
79	28.9	11.1	51.1

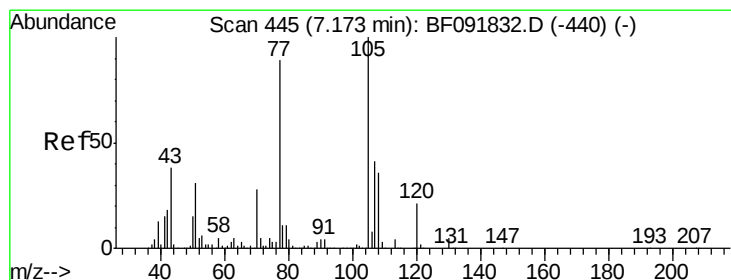
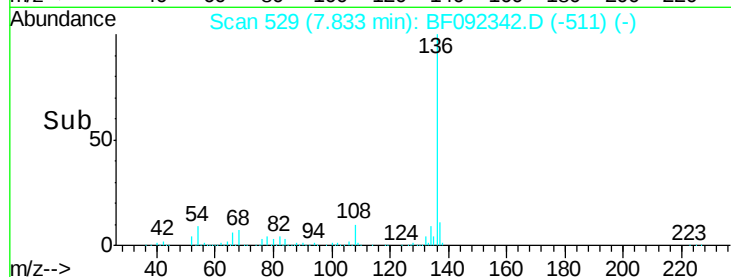
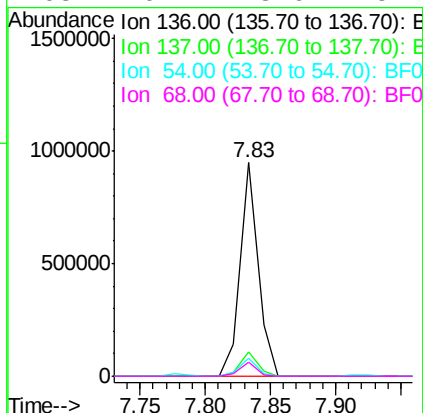
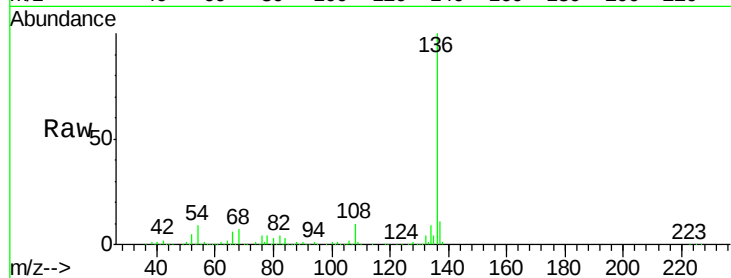




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.10 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

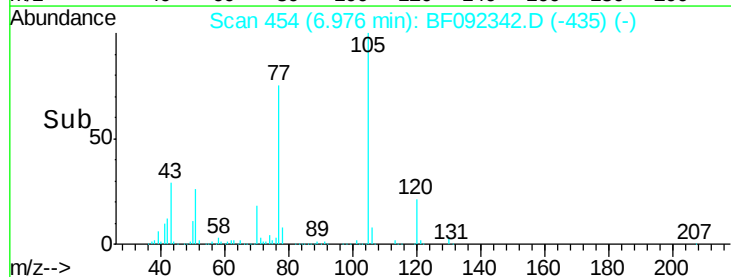
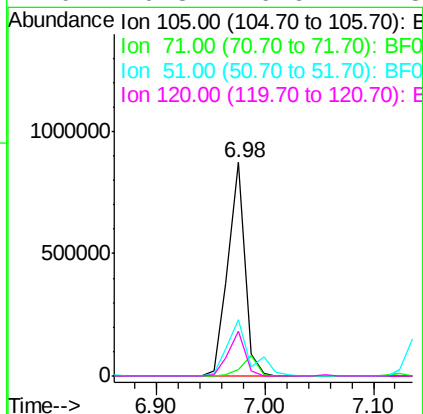
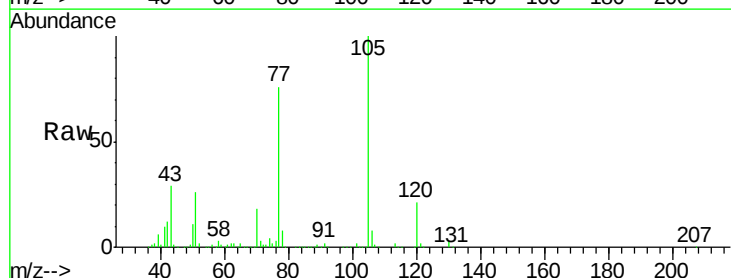
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

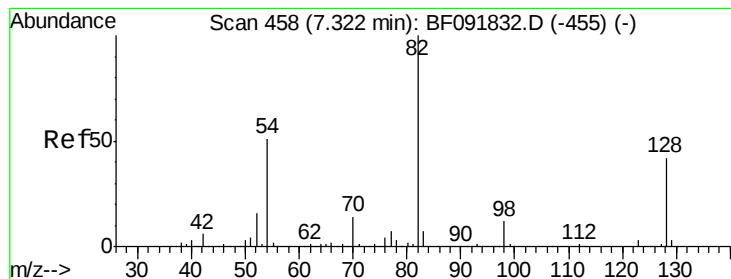
Tgt Ion:	136	Resp:	909967
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	8.5	4.5	6.7#
68	6.7	3.6	5.4#



#22
Acetophenone
Concen: 41.98 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.09 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Tgt Ion:	105	Resp:	942173
Ion	Ratio	Lower	Upper
105	100		
71	3.0	3.2	4.8#
51	26.3	26.2	39.4
120	20.8	16.6	24.8





#23

Nitrobenzene-d5

Concen: 74.62 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

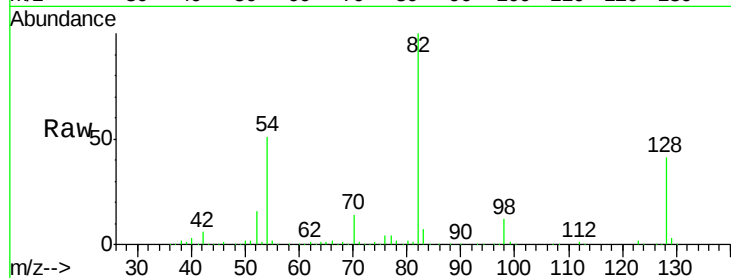
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1221177

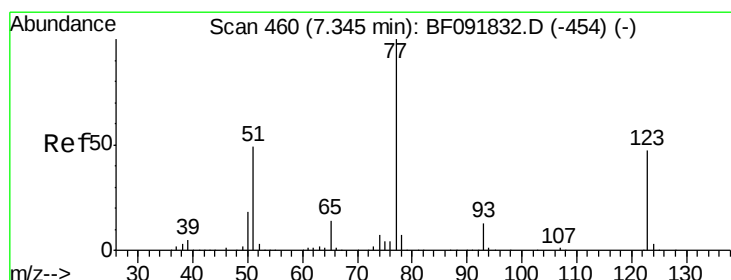
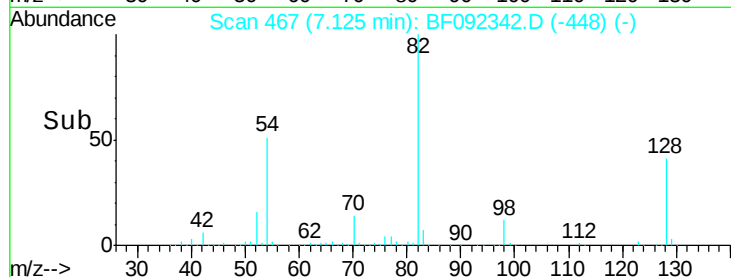
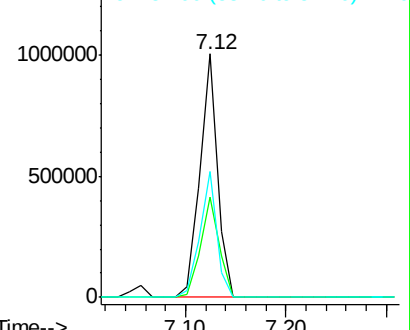
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	51.4	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.68 ng

RT: 7.15 min Scan# 469

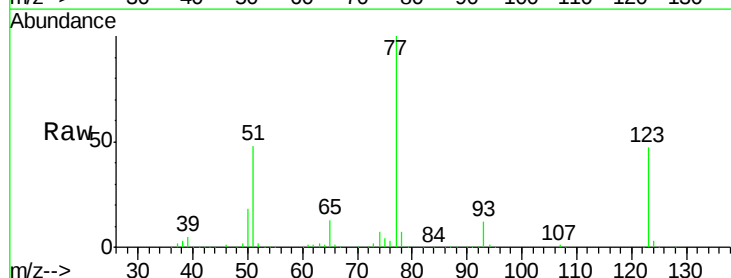
Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Tgt Ion: 77 Resp: 778680

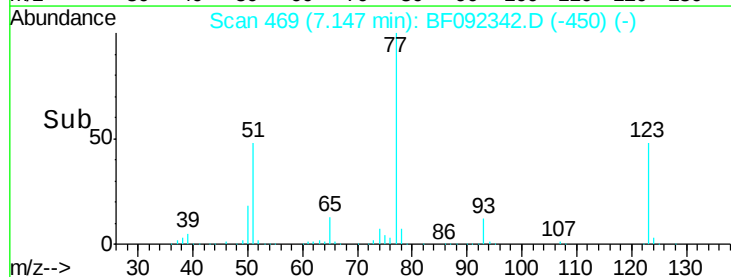
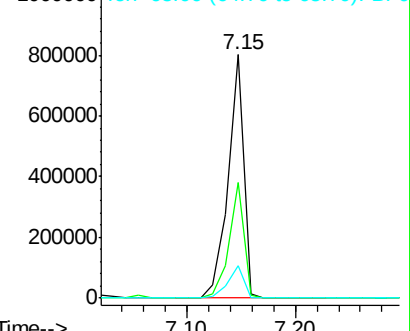
Ion	Ratio	Lower	Upper
77	100		
123	47.5	33.0	49.4
65	13.3	11.2	16.8

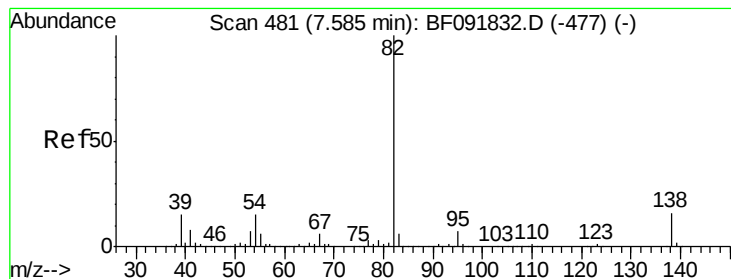


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.35 ng

RT: 7.39 min Scan# 490

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

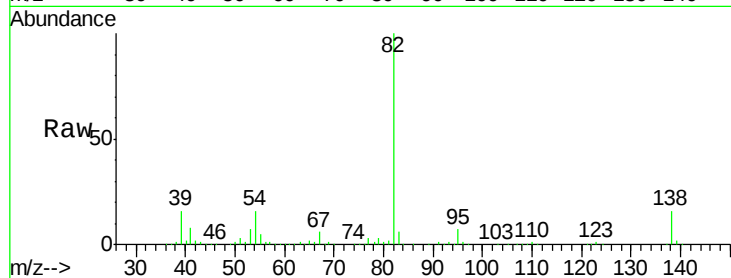
Tgt Ion: 82 Resp: 1218095

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

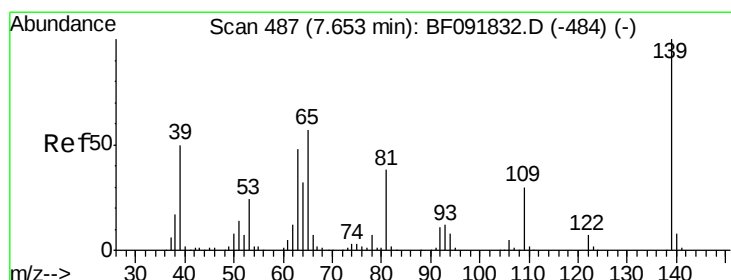
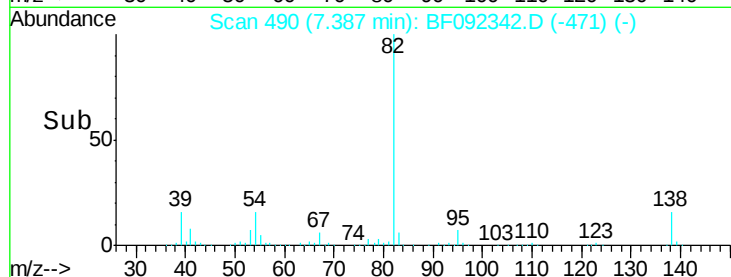
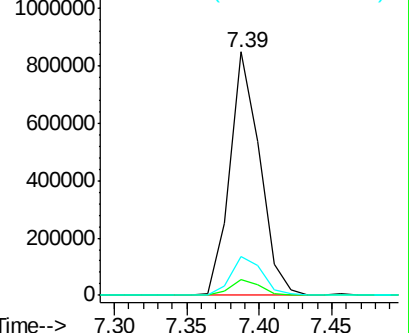
138 15.8 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.49 ng

RT: 7.46 min Scan# 496

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

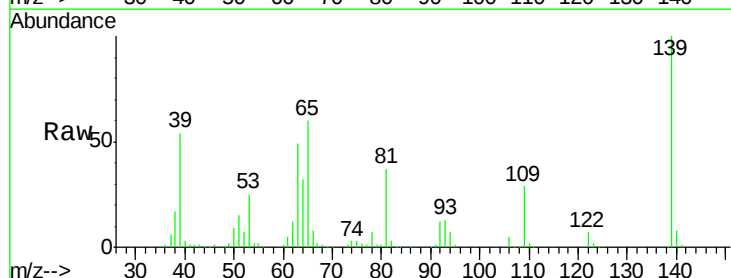
Tgt Ion: 139 Resp: 330800

Ion Ratio Lower Upper

139 100

109 28.6 23.3 34.9

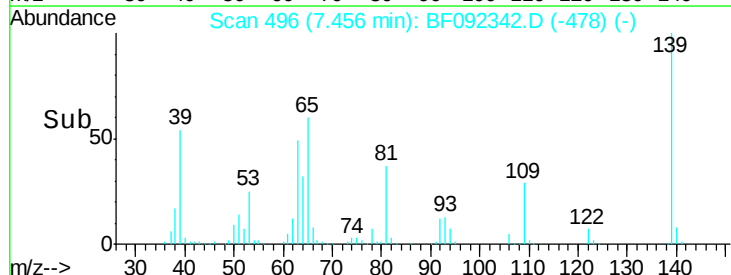
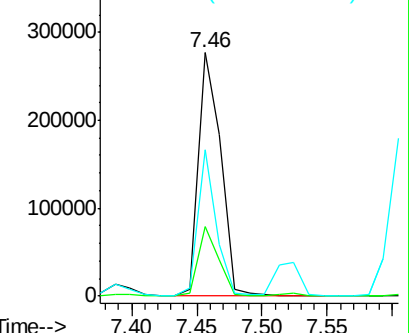
65 59.9 42.7 64.1

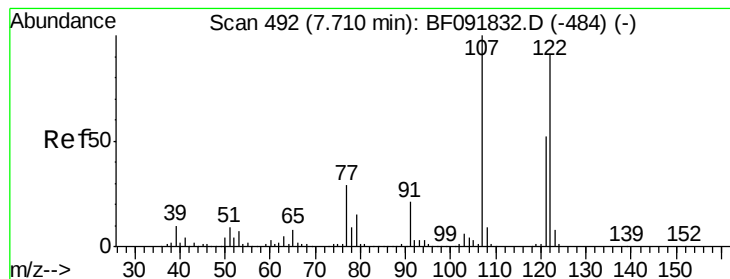


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.92 ng

RT: 7.52 min Scan# 502

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

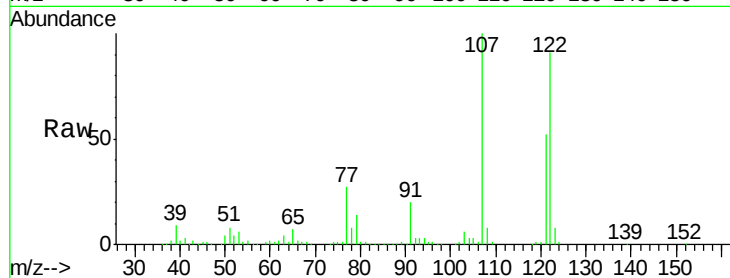
Tgt Ion:122 Resp: 554852

Ion Ratio Lower Upper

122 100

107 109.4 94.1 141.1

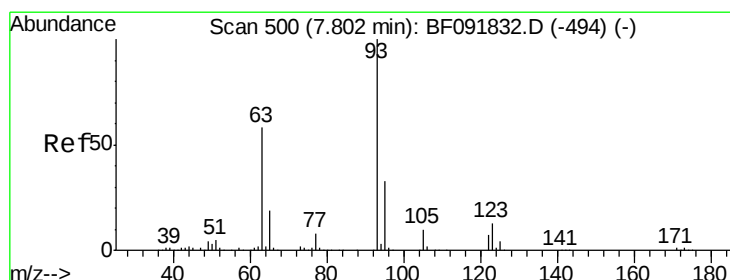
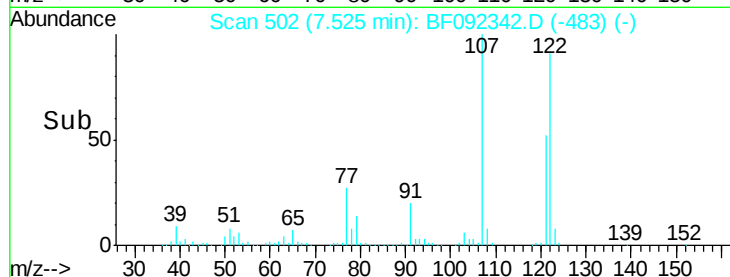
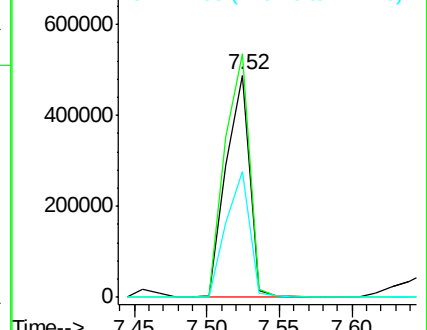
121 56.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.09 ng

RT: 7.60 min Scan# 509

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

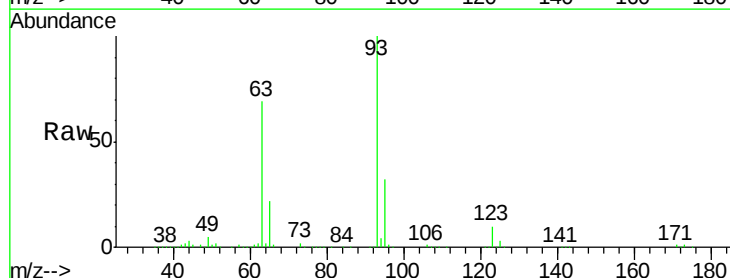
Tgt Ion: 93 Resp: 734043

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

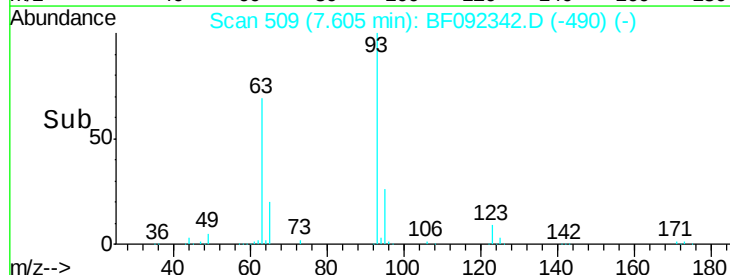
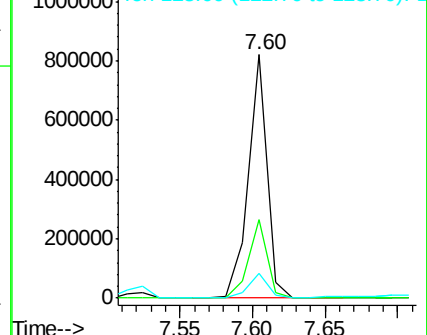
123 10.3 8.6 13.0

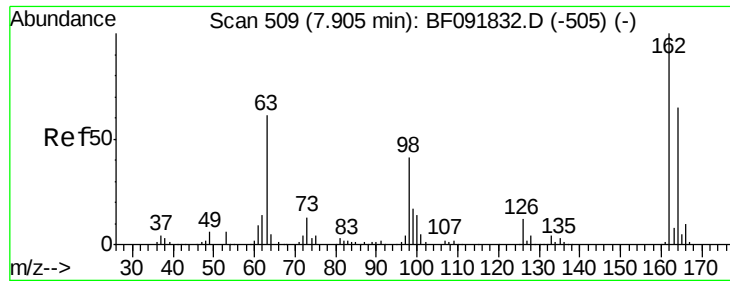


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

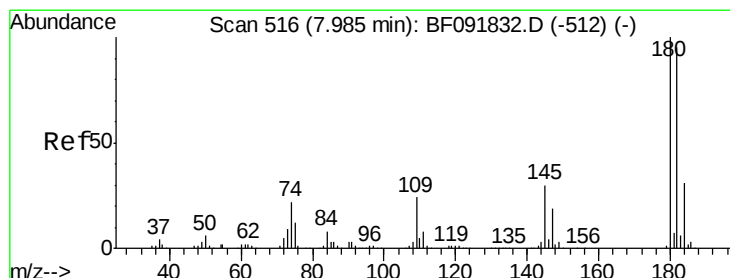
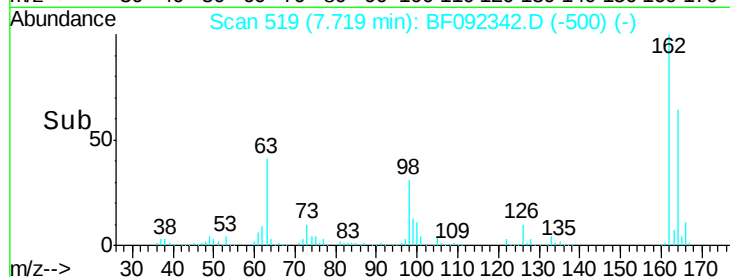
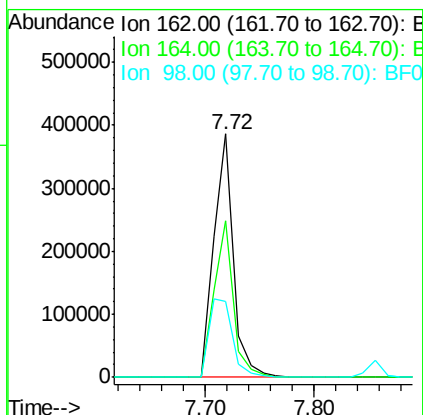
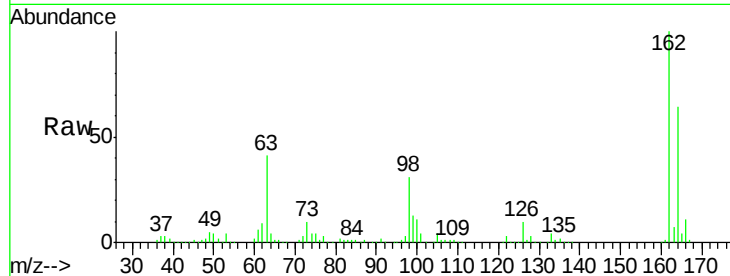




#29
 2,4-Dichlorophenol
 Concen: 40.08 ng
 RT: 7.72 min Scan# 519
 Delta R.T. -0.09 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

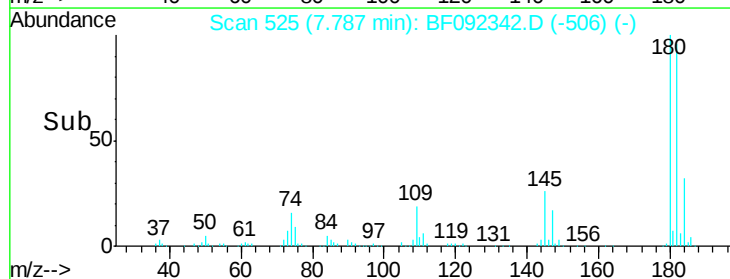
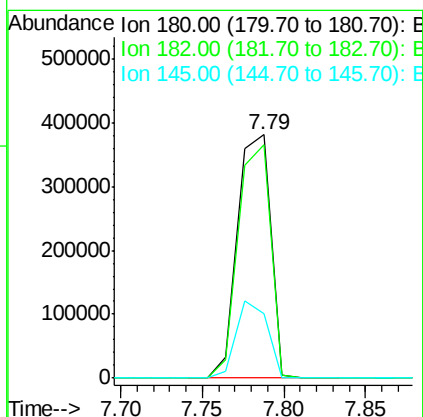
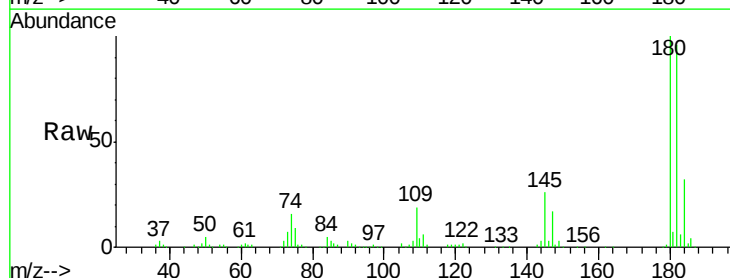
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 483844
 Ion Ratio Lower Upper
 162 100
 164 64.4 46.8 86.8
 98 31.4 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.37 ng
 RT: 7.79 min Scan# 525
 Delta R.T. -0.09 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Tgt Ion:180 Resp: 534086
 Ion Ratio Lower Upper
 180 100
 182 95.9 78.2 117.4
 145 26.5 21.6 32.4





#31

Naphthalene

Concen: 39.71 ng

RT: 7.86 min Scan# 531

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

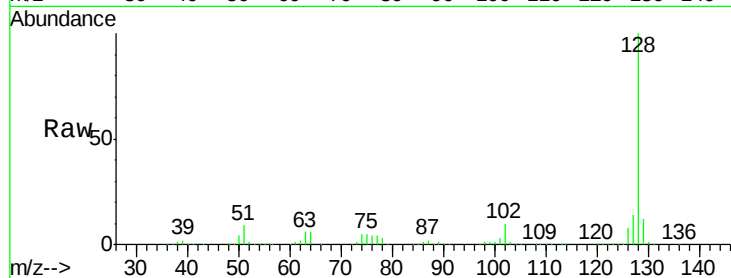
Tgt Ion:128 Resp: 1654004

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

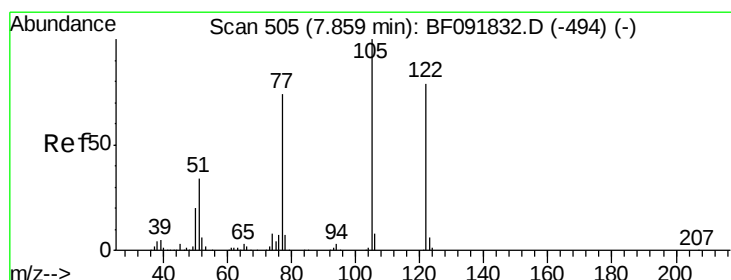
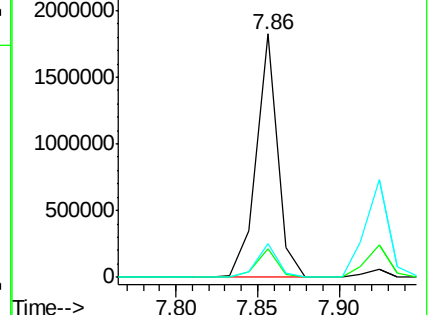
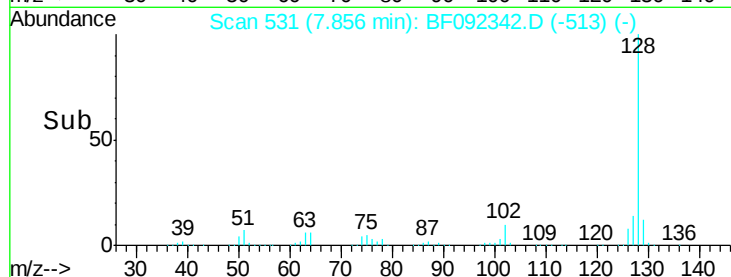
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.17 ng

RT: 7.71 min Scan# 518

Delta R.T. -0.04 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

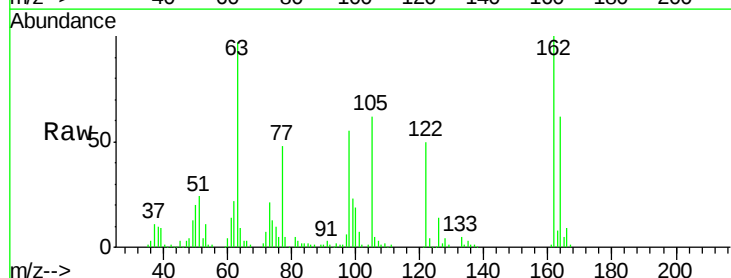
Tgt Ion:122 Resp: 403598

Ion Ratio Lower Upper

122 100

105 125.1 107.2 147.2

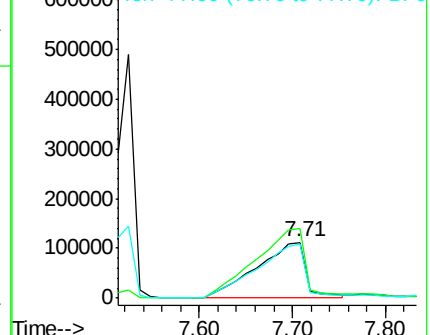
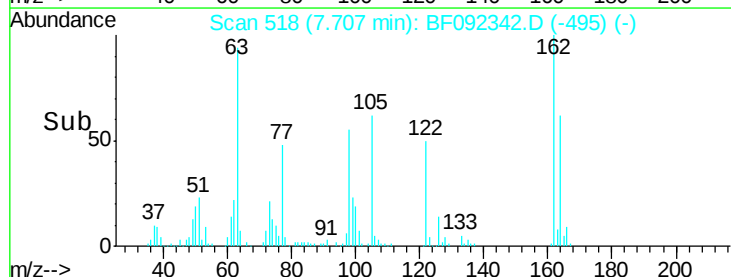
77 96.3 74.5 114.5

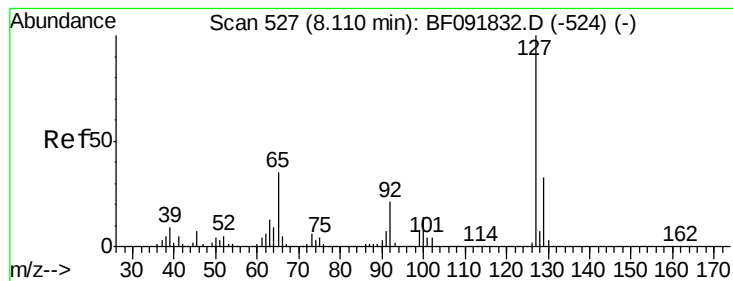


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.08 ng

RT: 7.92 min Scan# 537

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 771422

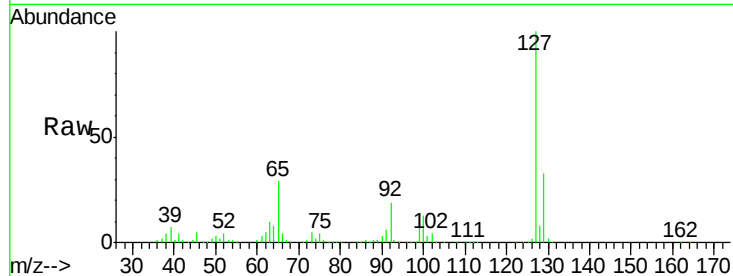
Ion Ratio Lower Upper

127 100

129 33.4 26.3 39.5

65 29.4 25.8 38.8

92 18.8 16.1 24.1

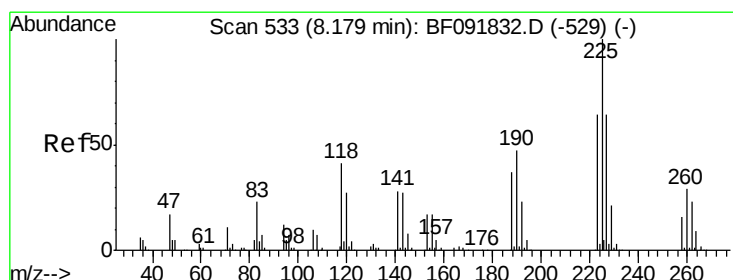
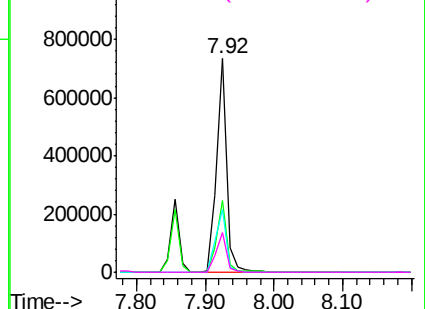
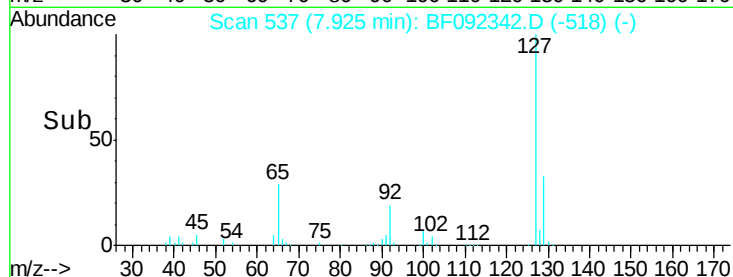


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 43.25 ng

RT: 7.98 min Scan# 542

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

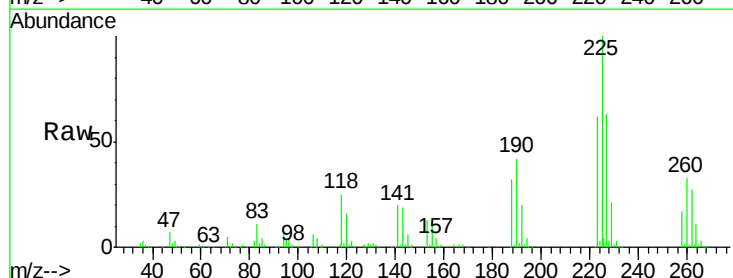
Tgt Ion:225 Resp: 301985

Ion Ratio Lower Upper

225 100

223 62.3 51.0 76.6

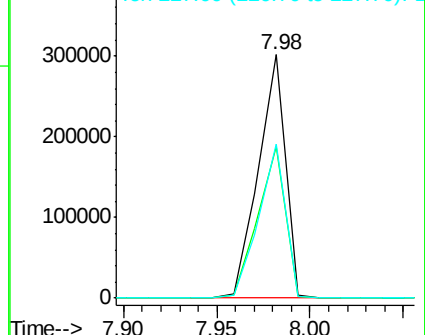
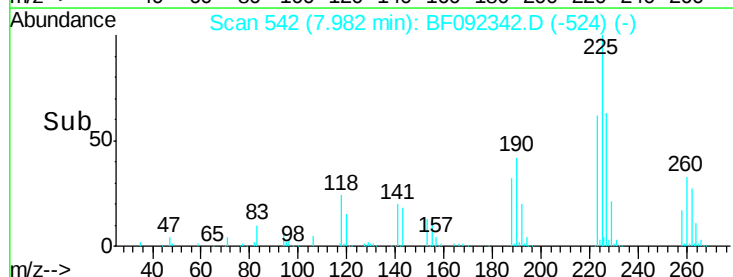
227 63.5 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

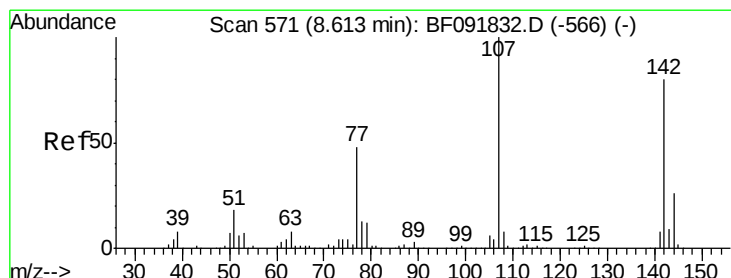
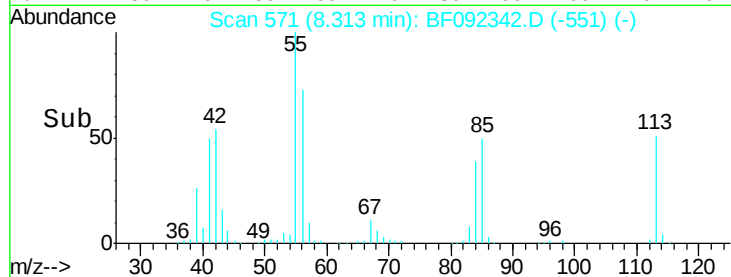
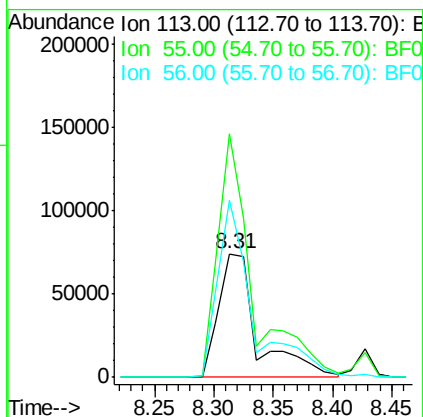
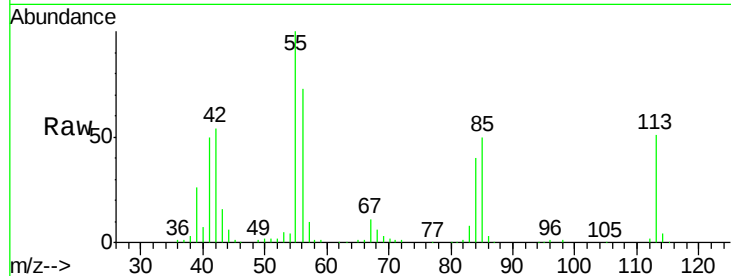




#35
 Caprolactam
 Concen: 42.45 ng
 RT: 8.31 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

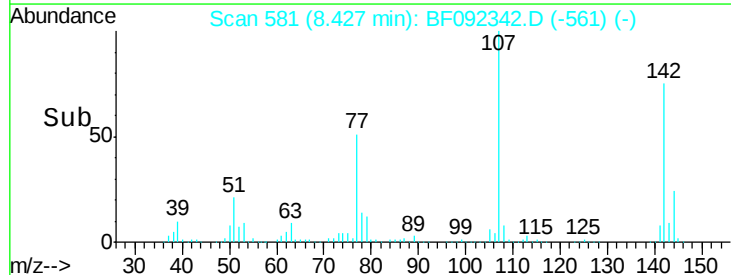
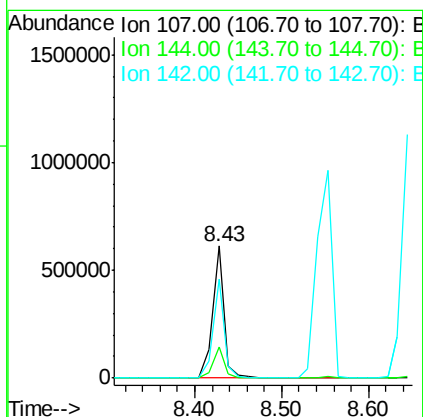
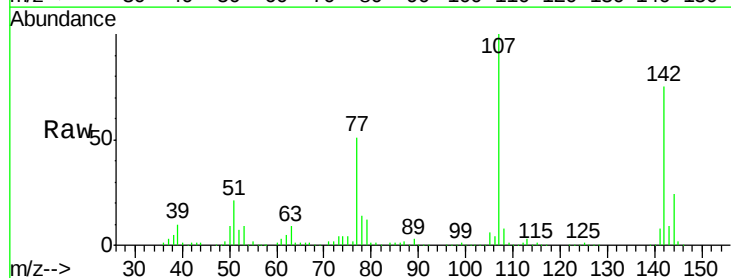
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

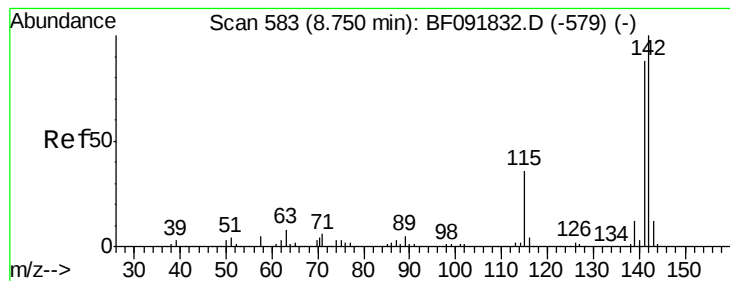
Tgt Ion:113 Resp: 168407
 Ion Ratio Lower Upper
 113 100
 55 196.8 119.2 159.2#
 56 143.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.91 ng
 RT: 8.43 min Scan# 581
 Delta R.T. -0.08 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Tgt Ion:107 Resp: 568261
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 75.0 59.0 88.6





#37

2-Methylnaphthalene

Concen: 45.49 ng

RT: 8.55 min Scan# 592

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

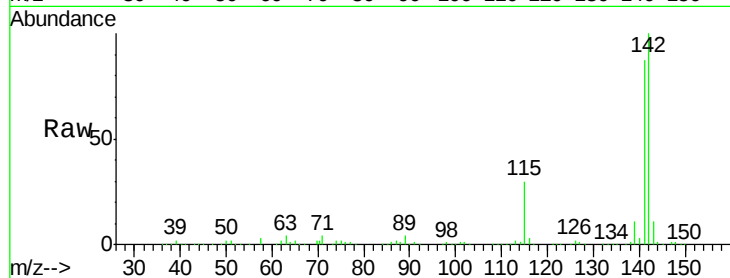
Tgt Ion:142 Resp: 1143635

Ion Ratio Lower Upper

142 100

141 87.5 71.0 106.6

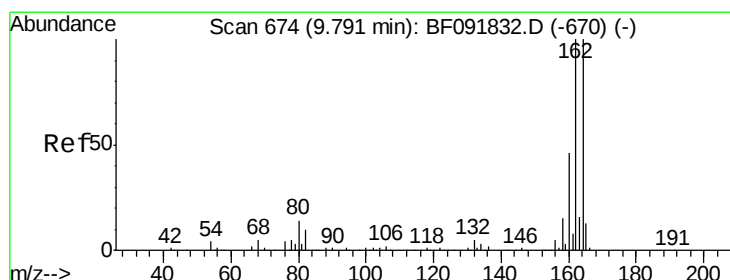
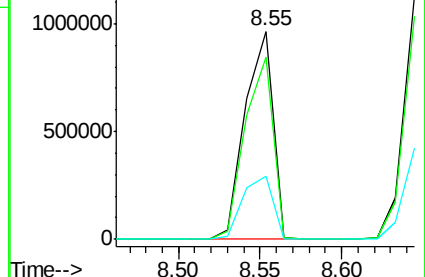
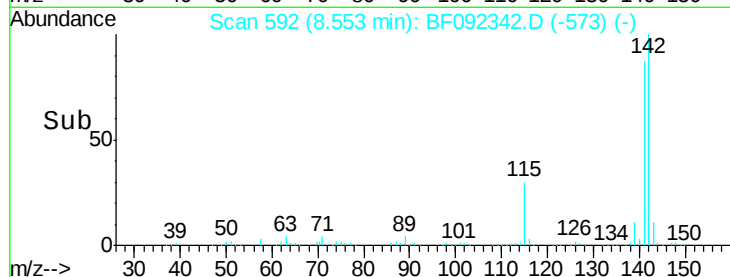
115 30.2 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

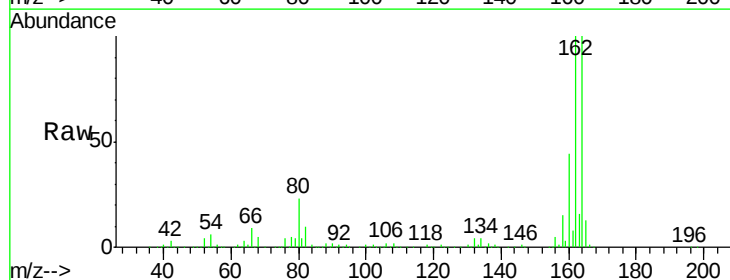
Tgt Ion:164 Resp: 471651

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

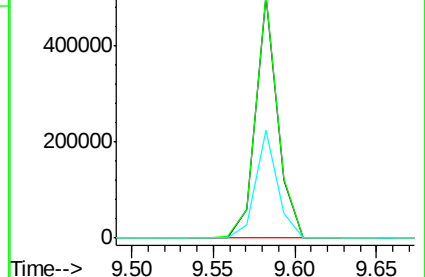
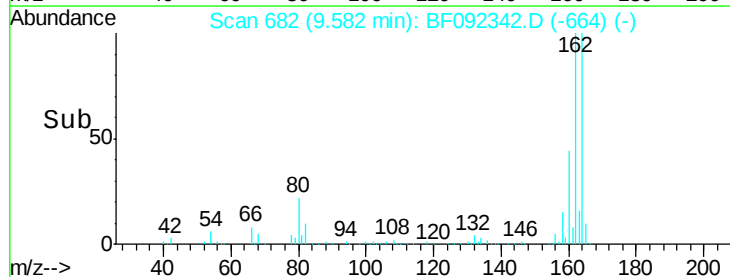
160 44.6 36.9 55.3

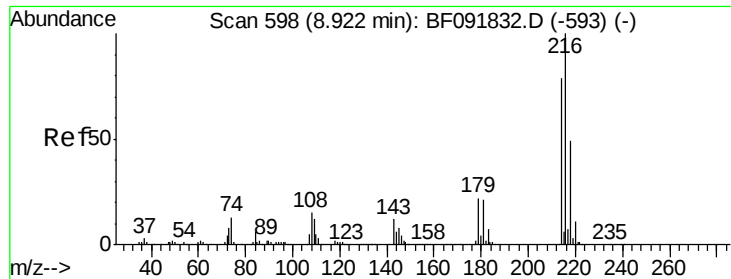


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

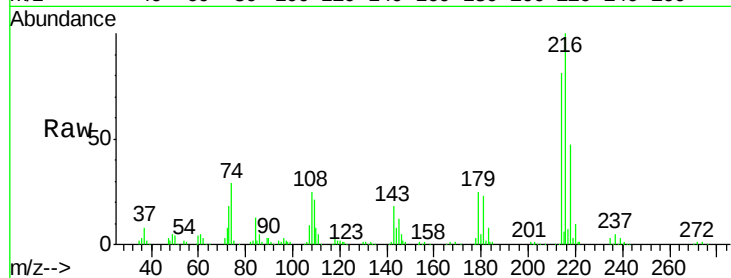




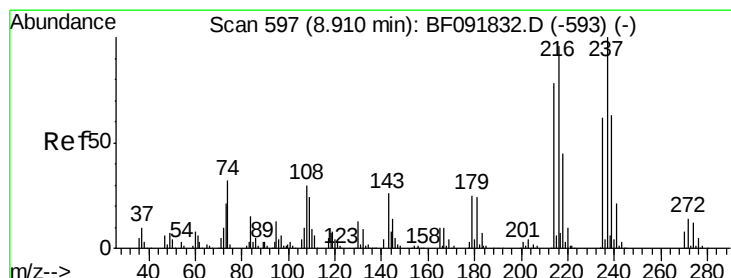
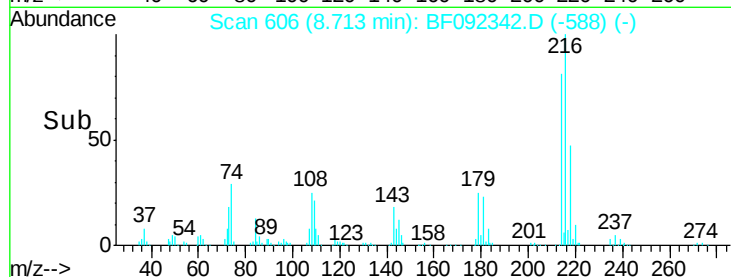
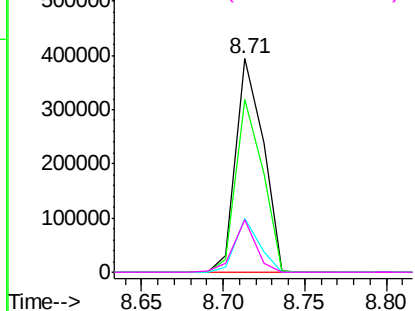
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.30 ng
 RT: 8.71 min Scan# 606
 Delta R.T. -0.10 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	456446
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	22.2	17.4	26.2
108	20.6	15.6	23.4

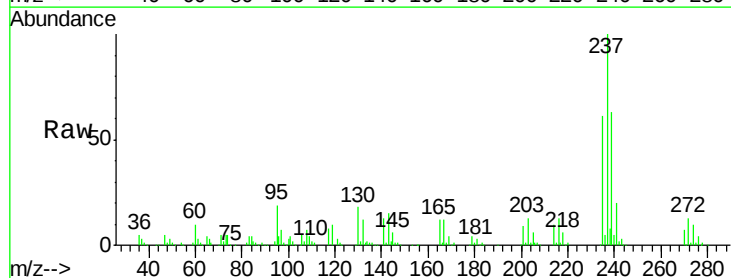


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

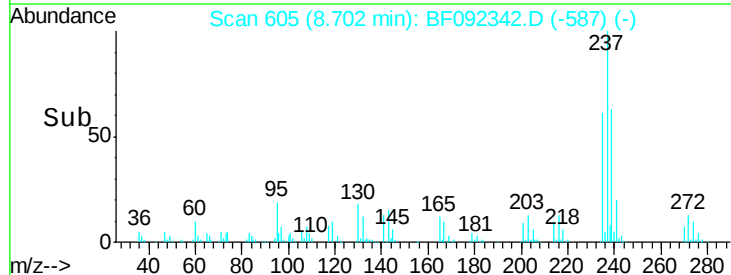
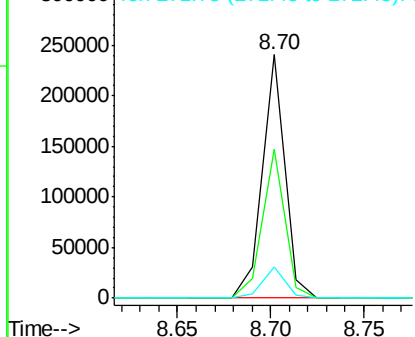


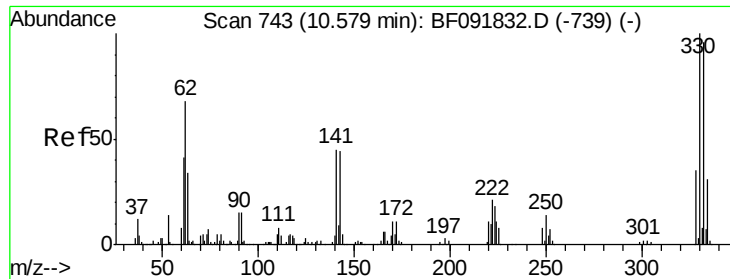
#40
 Hexachlorocyclopentadiene
 Concen: 39.56 ng
 RT: 8.70 min Scan# 605
 Delta R.T. -0.10 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Tgt Ion:	237	Resp:	198731
Ion	Ratio	Lower	Upper
237	100		
235	61.1	41.2	81.2
272	13.0	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

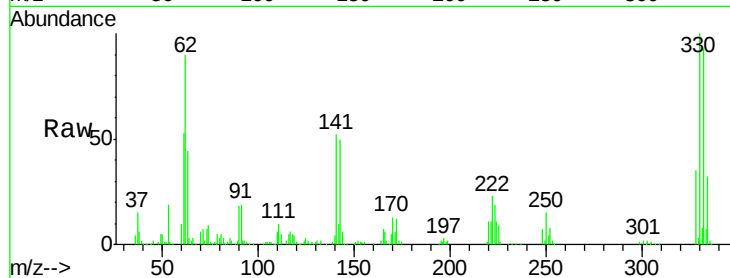




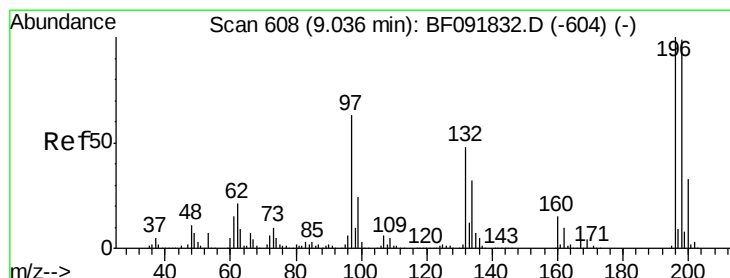
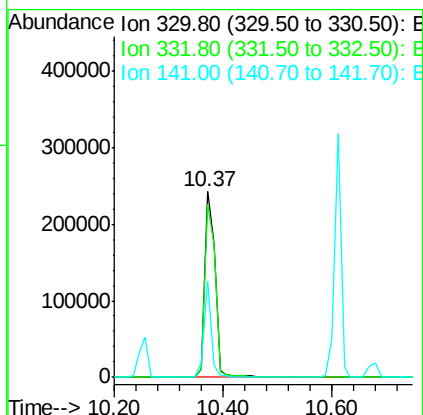
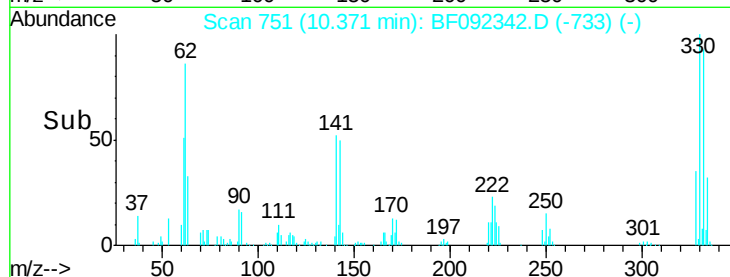
#41
 2,4,6-Tribromophenol
 Concen: 80.65 ng
 RT: 10.37 min Scan# 751
 Delta R.T. -0.10 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 314791
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 36.3 34.1 51.1

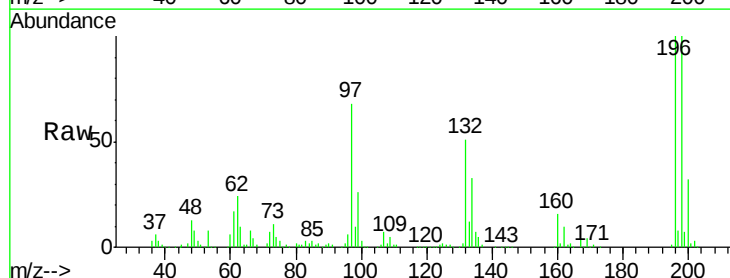


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

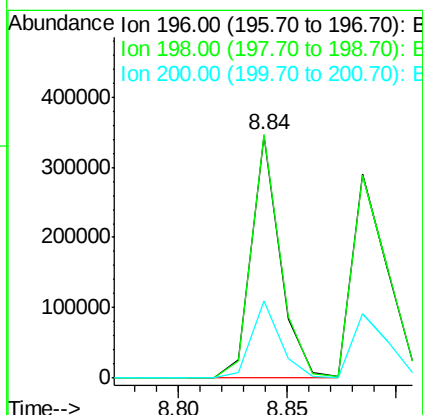
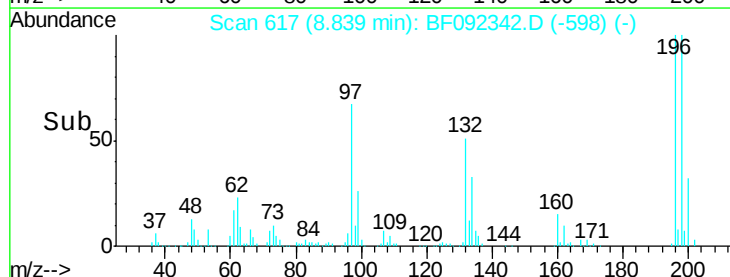


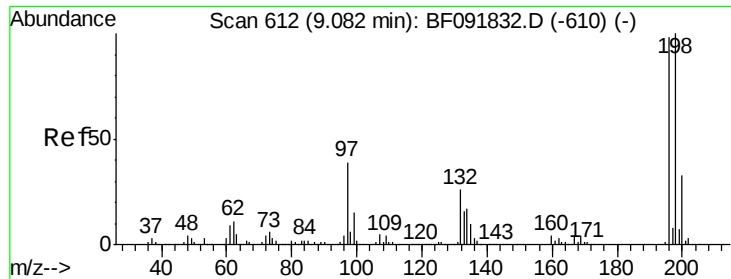
#42
 2,4,6-Trichlorophenol
 Concen: 38.36 ng
 RT: 8.84 min Scan# 617
 Delta R.T. -0.09 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Tgt Ion:196 Resp: 319645
 Ion Ratio Lower Upper
 196 100
 198 100.4 82.1 123.1
 200 31.9 27.0 40.4



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

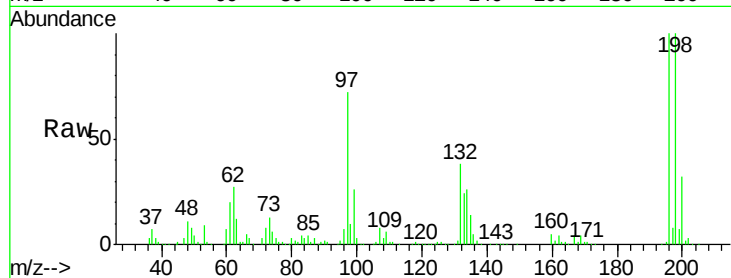




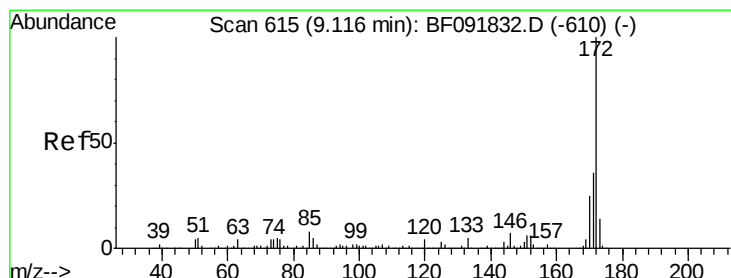
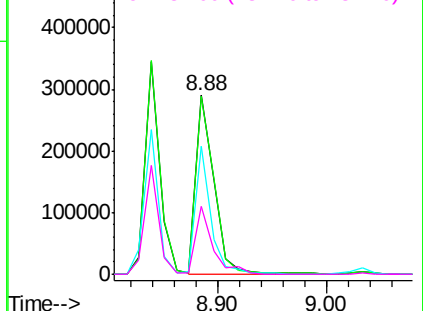
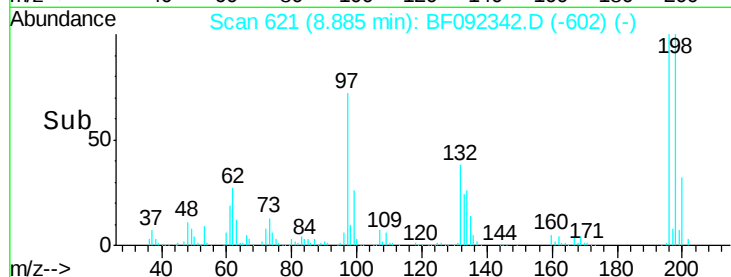
#43
 2,4,5-Trichlorophenol
 Concen: 38.60 ng
 RT: 8.88 min Scan# 621
 Delta R.T. -0.09 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 331033
 Ion Ratio Lower Upper
 196 100
 198 99.6 79.4 119.2
 97 71.8 51.5 77.3
 132 37.8 27.4 41.2

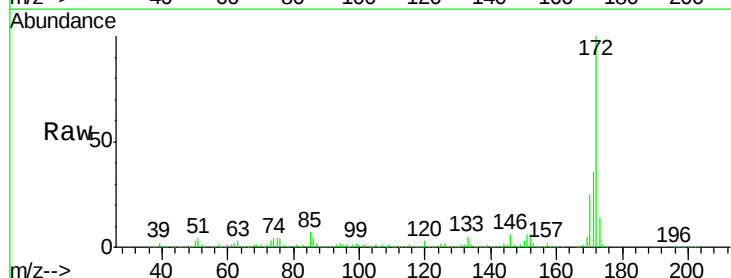


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

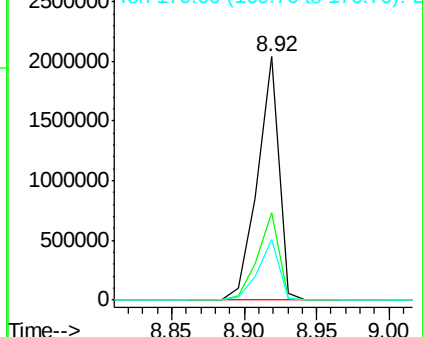
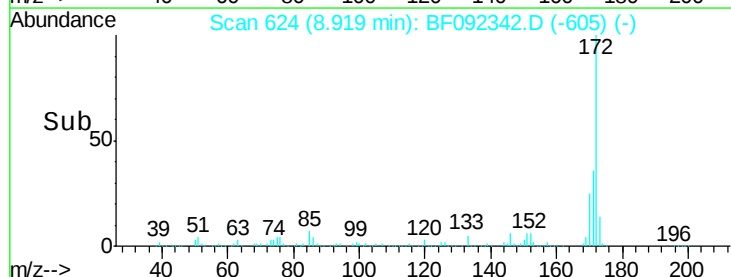


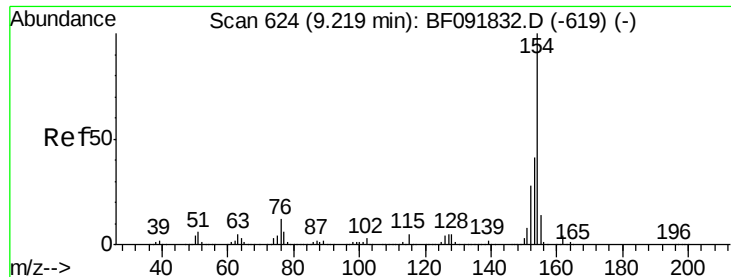
#44
 2-Fluorobiphenyl
 Concen: 91.74 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.09 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Tgt Ion:172 Resp: 2088260
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 25.0 20.2 30.4



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

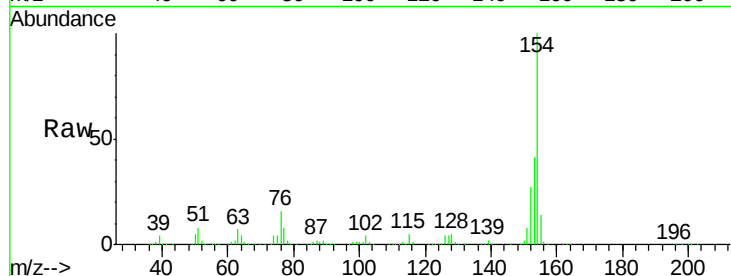




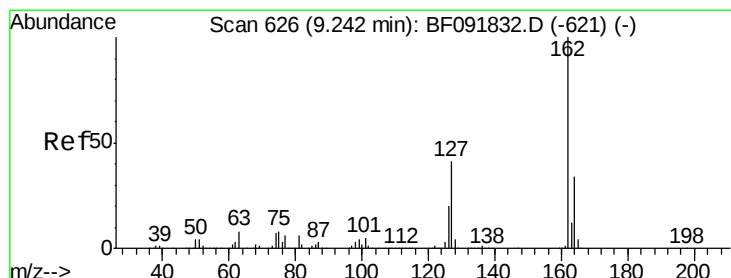
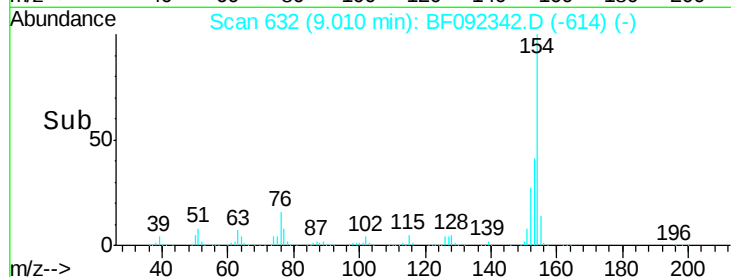
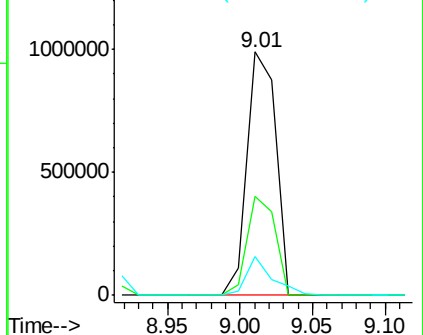
#45
 1,1'-Biphenyl
 Concen: 42.18 ng
 RT: 9.01 min Scan# 632
 Delta R.T. -0.10 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1362332
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.9 60.9
 76 15.9 0.0 30.5

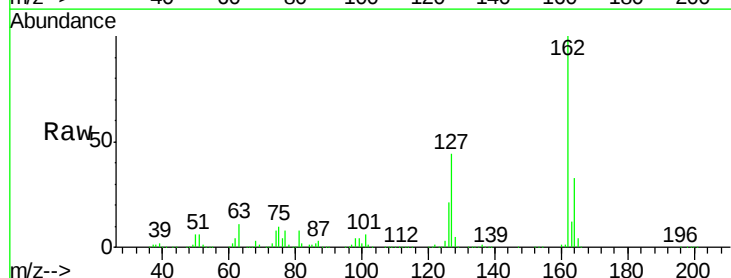


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

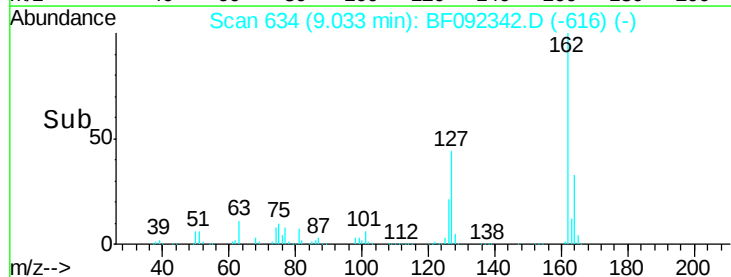
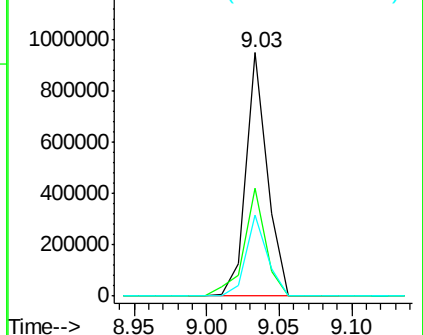


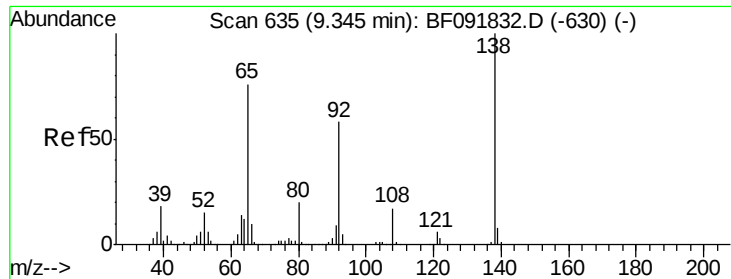
#46
 2-Chloronaphthalene
 Concen: 37.71 ng
 RT: 9.03 min Scan# 634
 Delta R.T. -0.10 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Tgt Ion:162 Resp: 964523
 Ion Ratio Lower Upper
 162 100
 127 44.2 30.7 46.1
 164 33.2 27.6 41.4



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

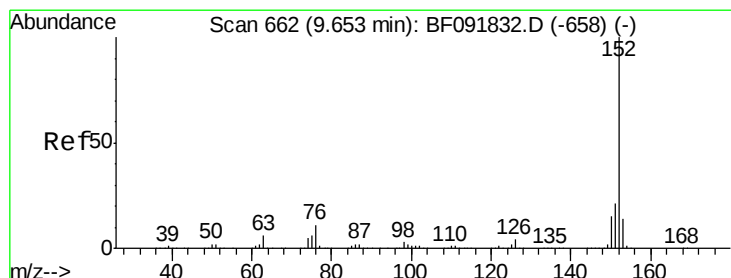
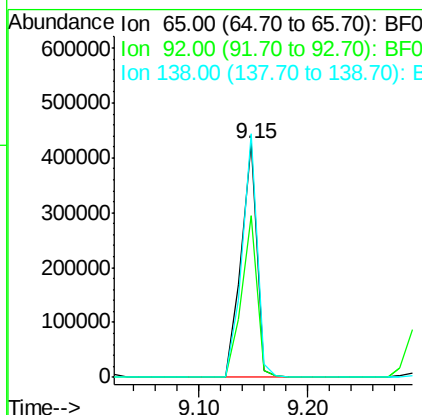
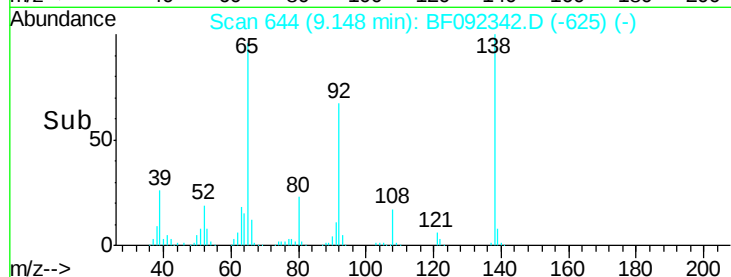
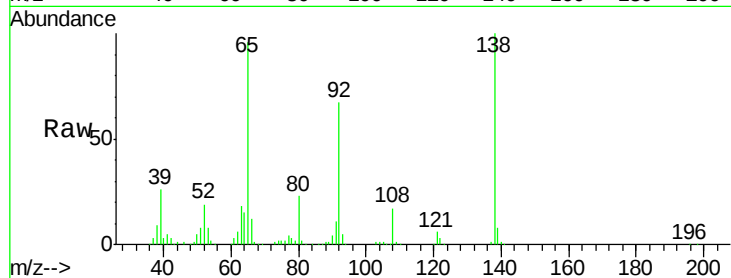




#47
2-Nitroaniline
Concen: 46.33 ng
RT: 9.15 min Scan# 644
Delta R.T. -0.09 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

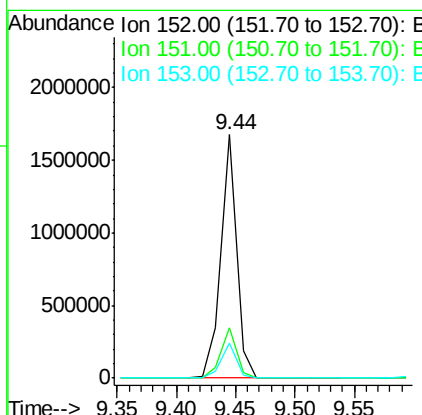
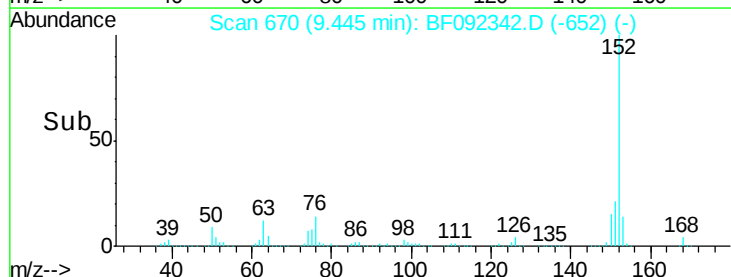
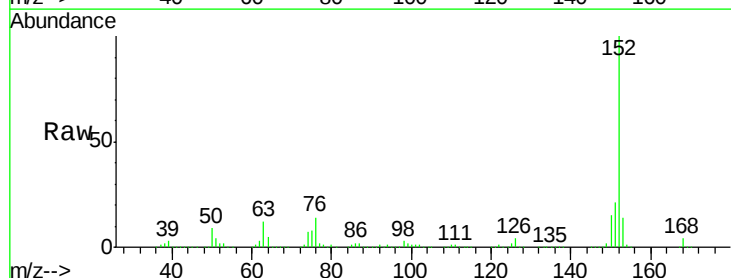
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

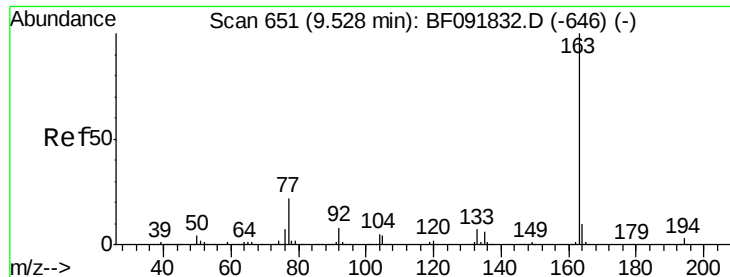
Tgt Ion: 65 Resp: 421880
Ion Ratio Lower Upper
65 100
92 69.3 53.9 80.9
138 103.9 76.8 115.2



#48
Acenaphthylene
Concen: 38.88 ng
RT: 9.44 min Scan# 670
Delta R.T. -0.10 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Tgt Ion: 152 Resp: 1529167
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.5 11.4 17.2

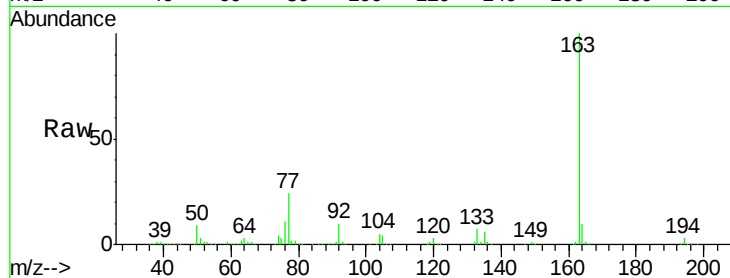




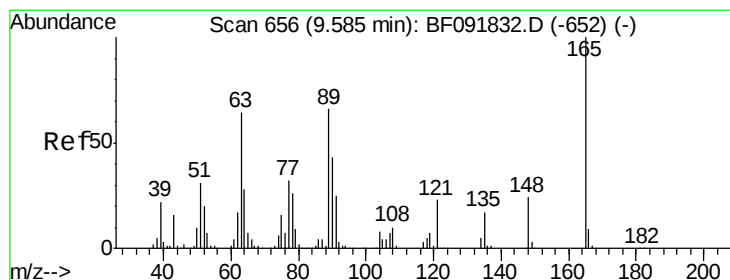
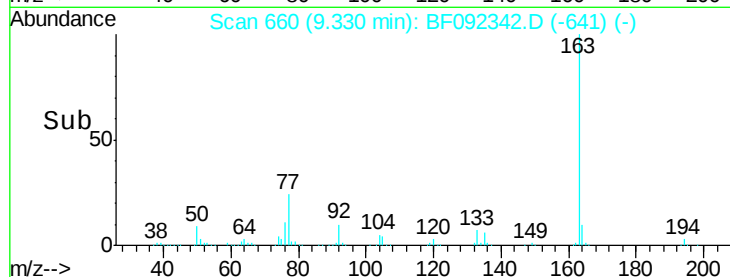
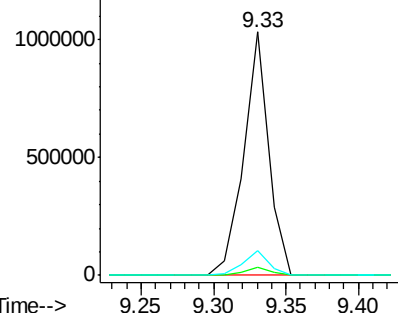
#49
Dimethylphthalate
Concen: 40.86 ng
RT: 9.33 min Scan# 660
Delta R.T. -0.09 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1232529
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.4 8.0 12.0

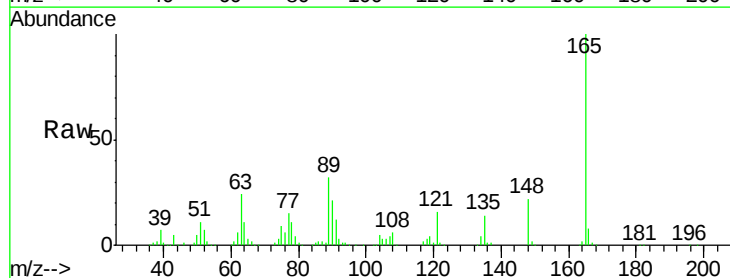


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

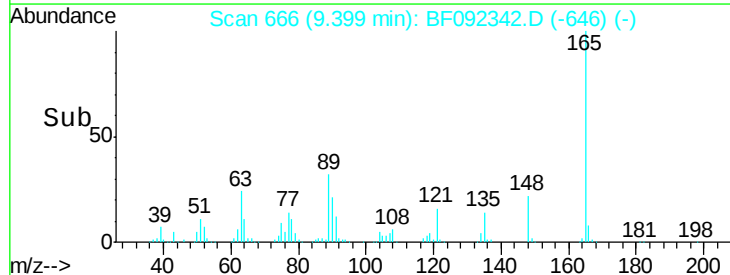
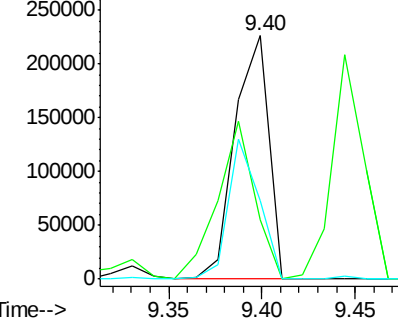


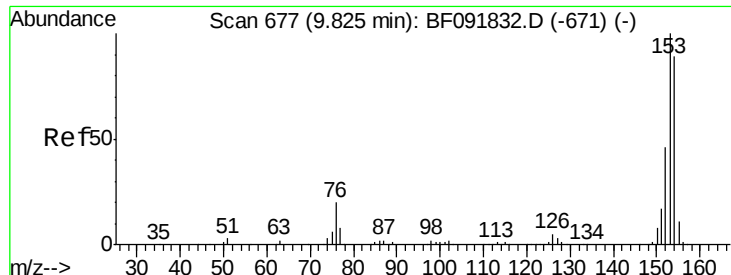
#50
2,6-Dinitrotoluene
Concen: 42.87 ng
RT: 9.40 min Scan# 666
Delta R.T. -0.08 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Tgt Ion:165 Resp: 283087
Ion Ratio Lower Upper
165 100
63 24.2 36.2 54.4#
89 32.5 40.2 60.4#



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





#51

Acenaphthene

Concen: 35.54 ng

RT: 9.62 min Scan# 685

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

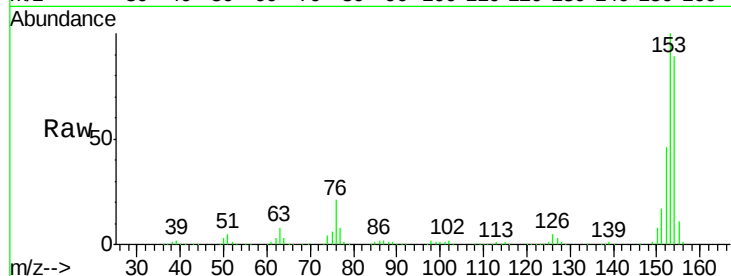
Tgt Ion:154 Resp: 947828

Ion Ratio Lower Upper

154 100

153 112.1 88.6 133.0

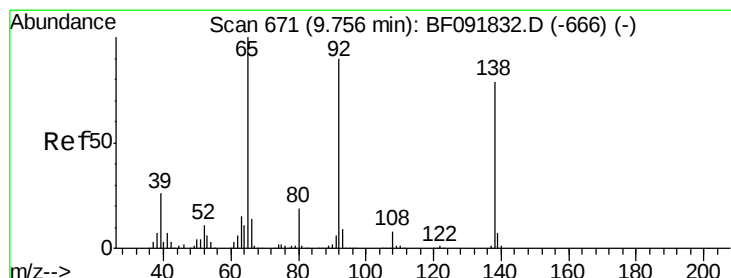
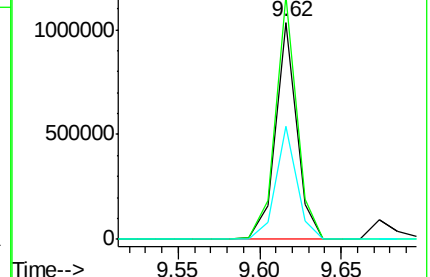
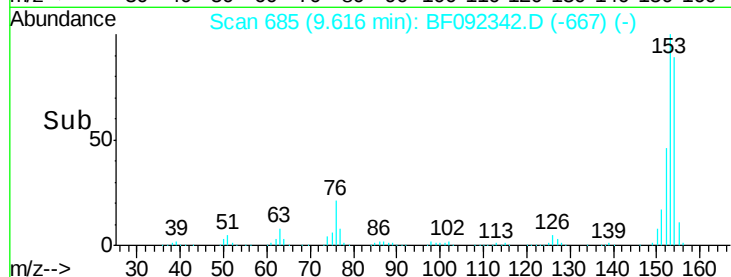
152 52.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.90 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

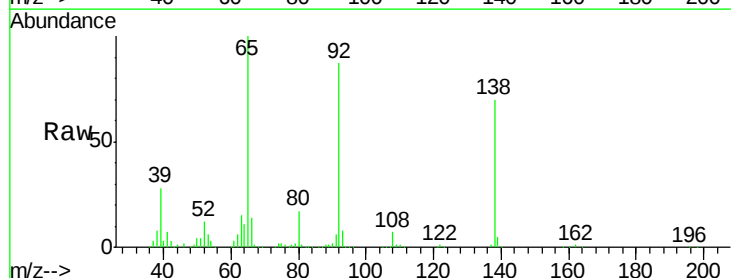
Tgt Ion:138 Resp: 309692

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

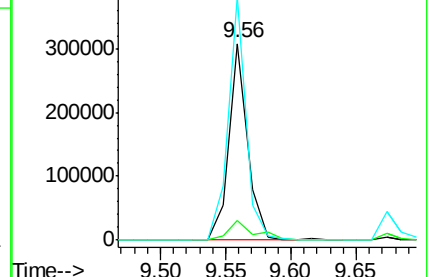
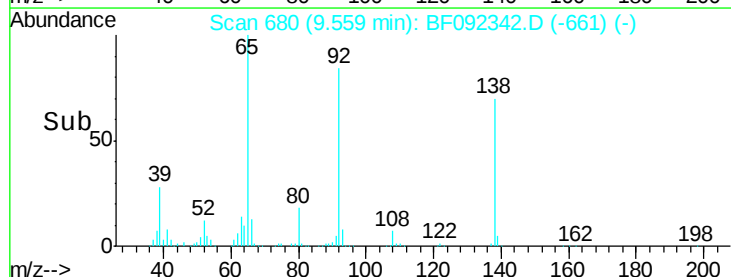
92 123.7 97.8 146.8

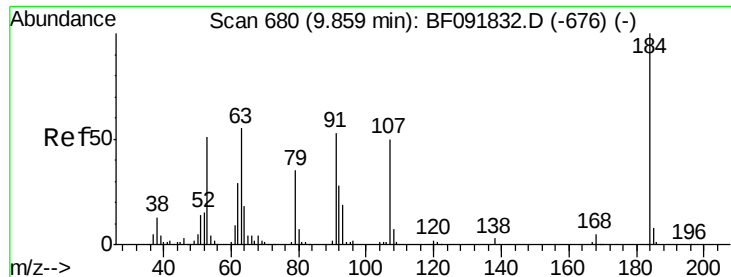


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

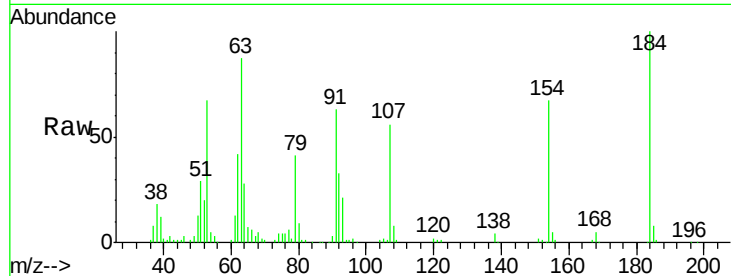




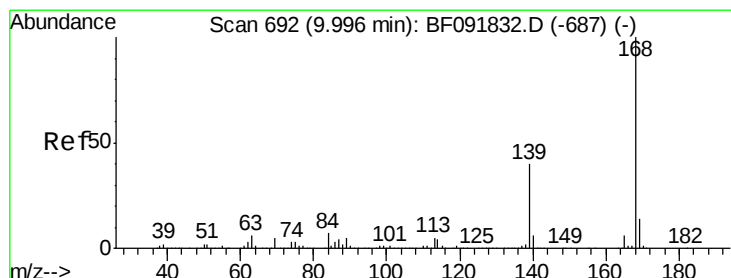
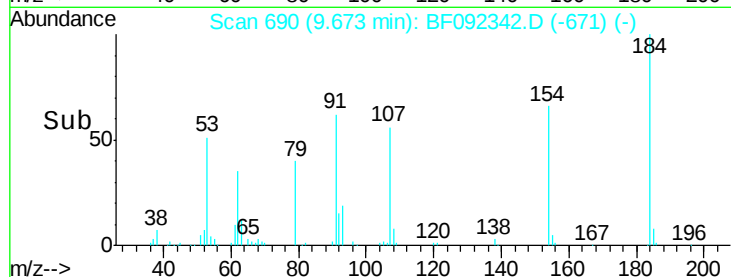
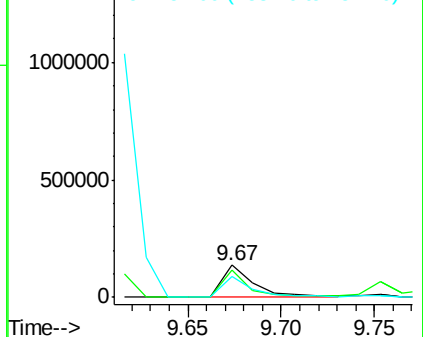
#53
 2,4-Dinitrophenol
 Concen: 45.83 ng
 RT: 9.67 min Scan# 690
 Delta R.T. -0.09 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 168370
 Ion Ratio Lower Upper
 184 100
 63 86.7 28.4 42.6#
 154 66.7 44.3 66.5#

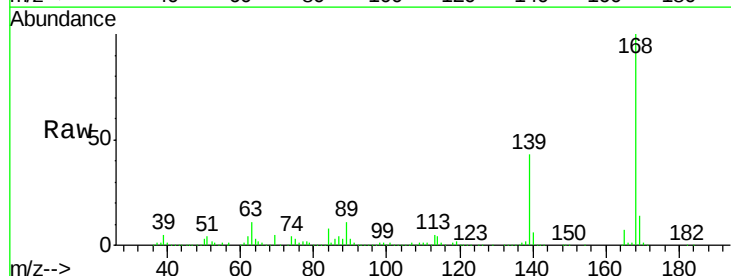


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

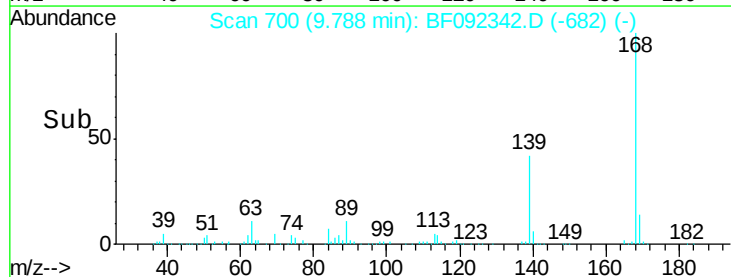
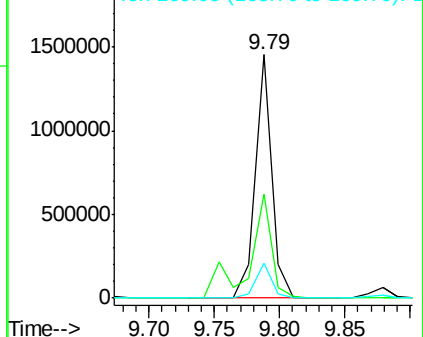


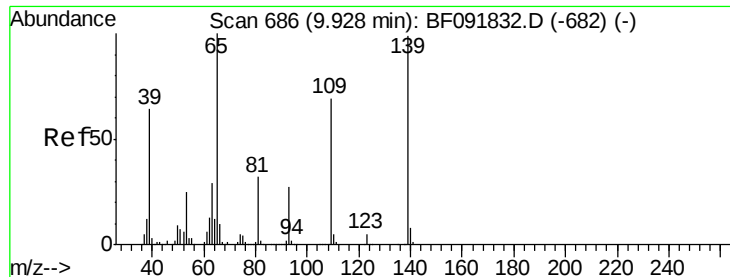
#54
 Dibenzofuran
 Concen: 35.47 ng
 RT: 9.79 min Scan# 700
 Delta R.T. -0.10 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Tgt Ion:168 Resp: 1277211
 Ion Ratio Lower Upper
 168 100
 139 42.5 32.6 49.0
 169 14.1 11.3 16.9



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





#55

4-Nitrophenol

Concen: 35.87 ng m

RT: 9.75 min Scan# 697

Delta R.T. -0.08 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

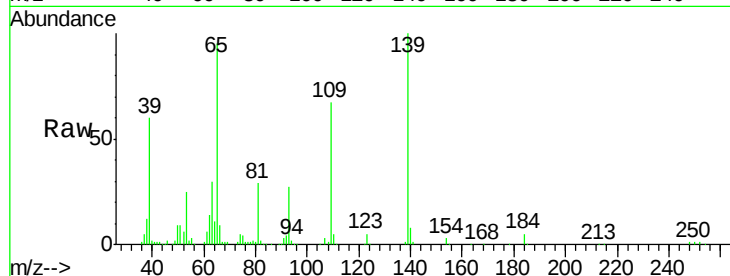
Tgt Ion:139 Resp: 199015

Ion Ratio Lower Upper

139 100

109 67.1 52.2 92.2

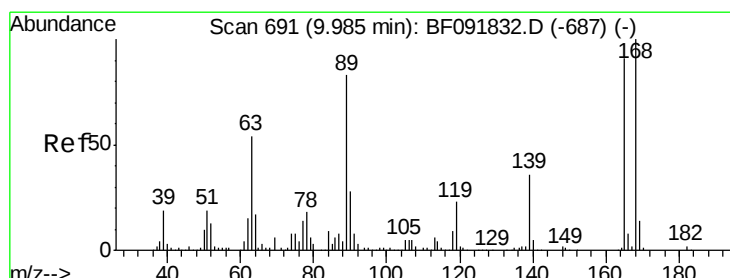
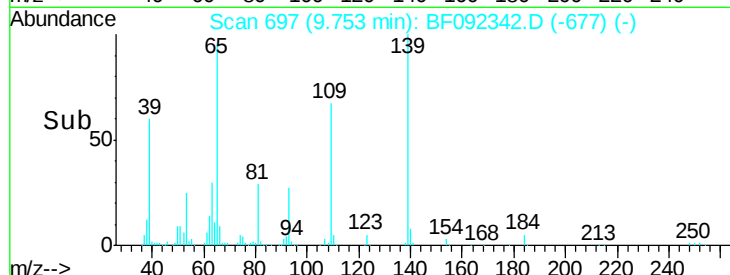
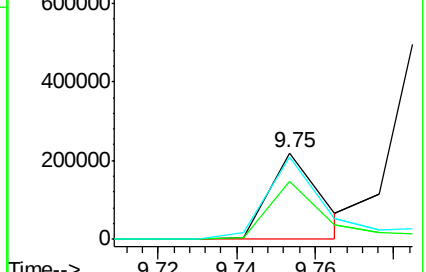
65 94.9 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 44.78 ng

RT: 9.80 min Scan# 701

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Tgt Ion:165 Resp: 371121

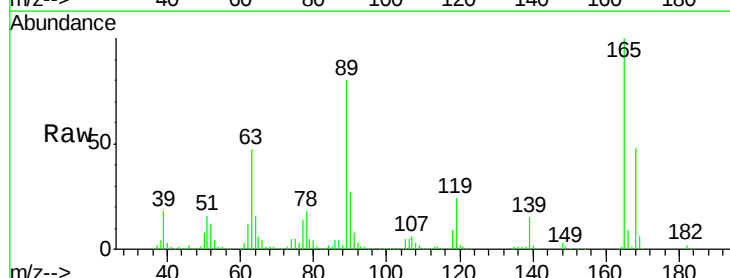
Ion Ratio Lower Upper

165 100

63 46.6 40.2 60.4

89 79.7 62.5 93.7

182 2.2 1.8 2.8

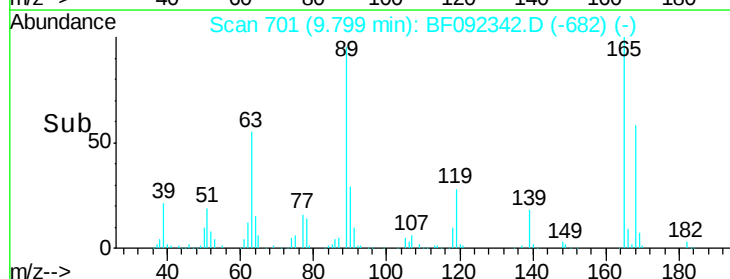
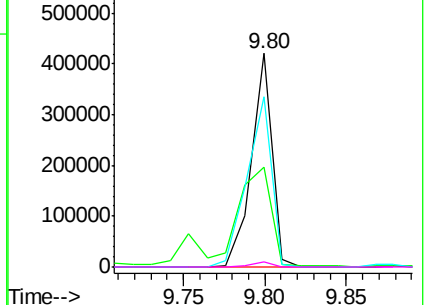


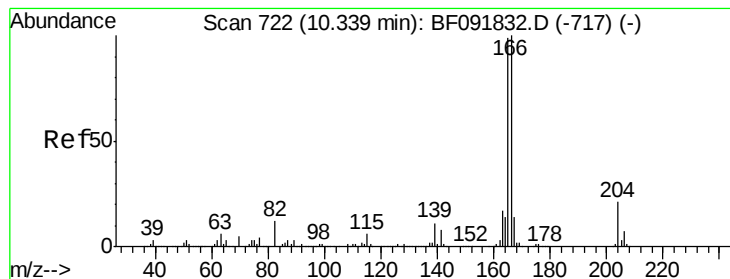
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.62 ng

RT: 10.13 min Scan# 730

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

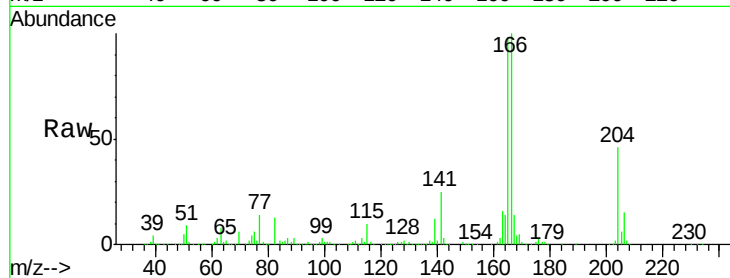
Tgt Ion:166 Resp: 1064265

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

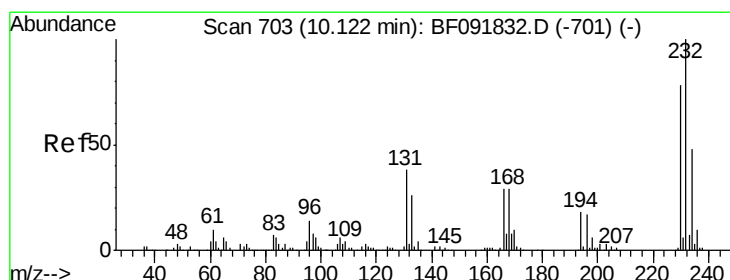
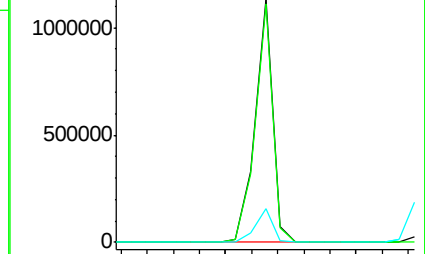
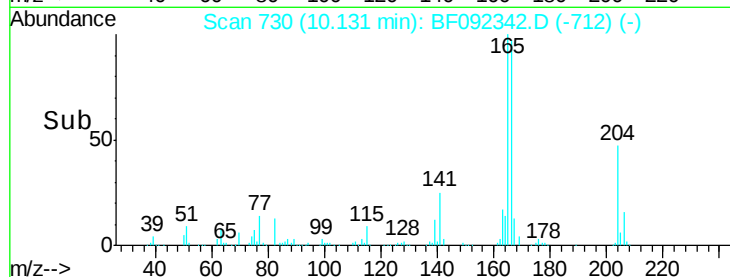
167 13.8 10.8 16.2



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: 39.05 ng

RT: 9.92 min Scan# 712

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Tgt Ion:232 Resp: 264854

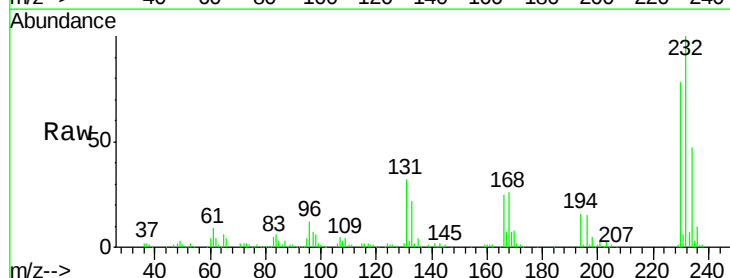
Ion Ratio Lower Upper

232 100

131 48.5 40.1 60.1

130 2.1 1.8 2.8

166 31.3 26.6 39.8

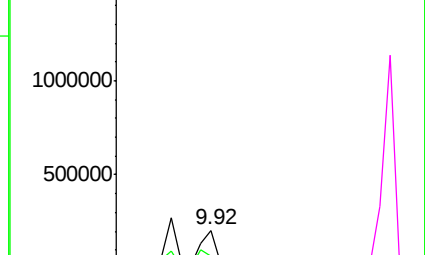
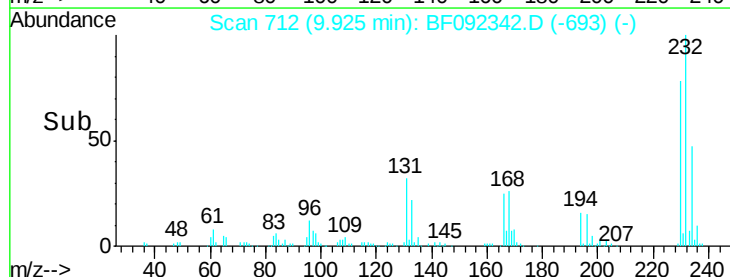


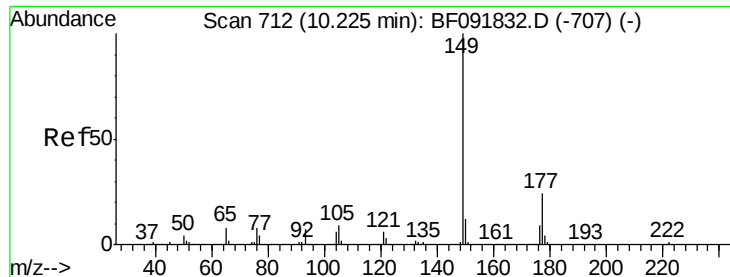
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

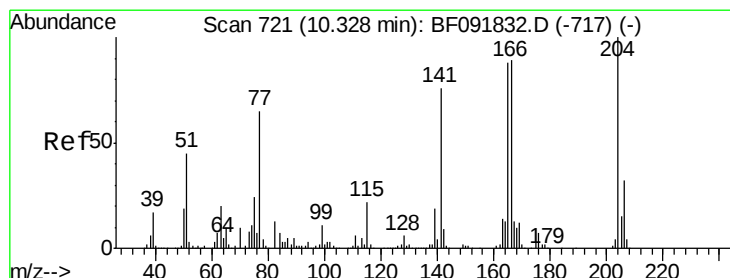
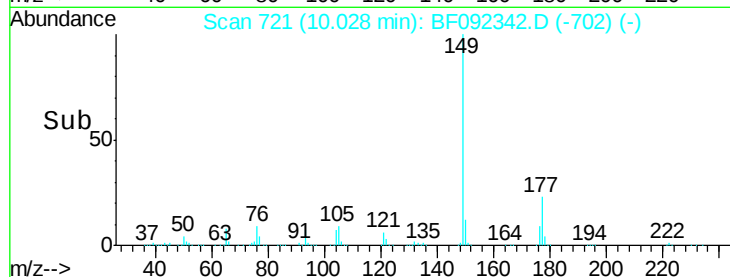
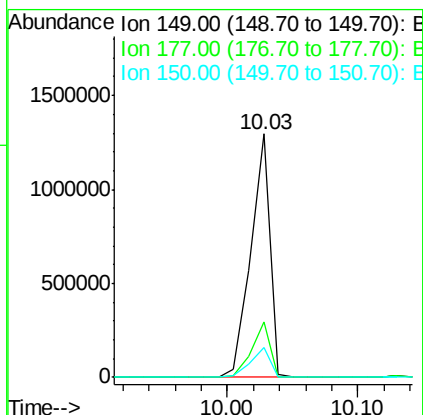
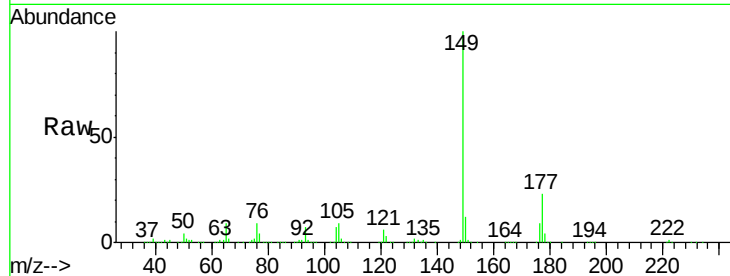




#59
Diethylphthalate
Concen: 45.08 ng
RT: 10.03 min Scan# 721
Delta R.T. -0.09 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

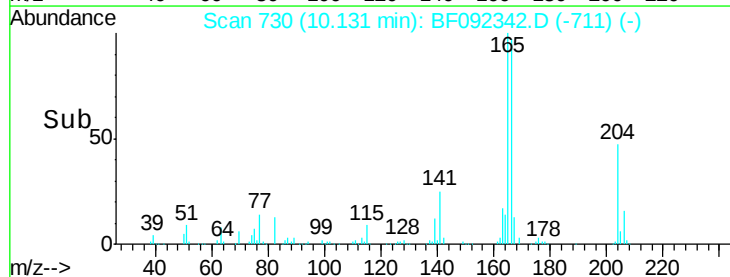
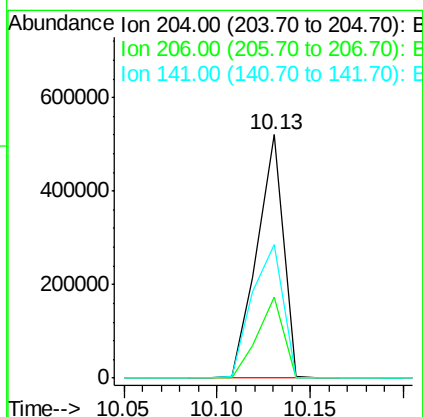
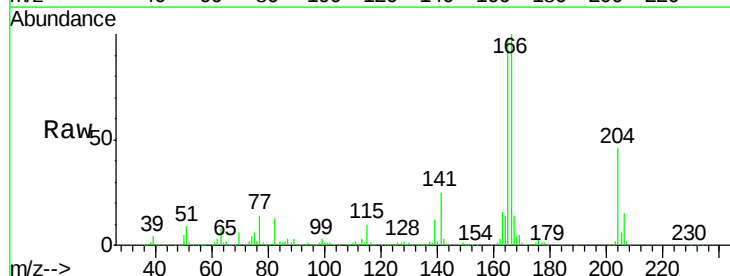
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

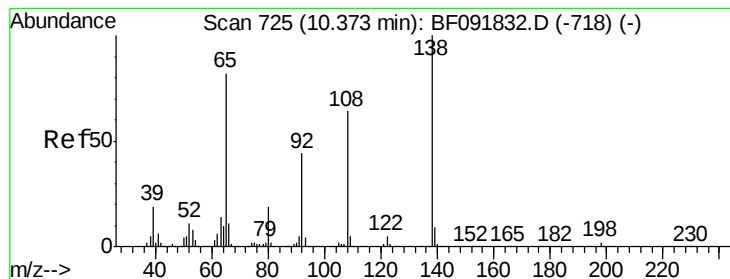
Tgt Ion:149 Resp: 1320716
Ion Ratio Lower Upper
149 100
177 23.0 16.6 25.0
150 12.5 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 44.56 ng
RT: 10.13 min Scan# 730
Delta R.T. -0.09 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Tgt Ion:204 Resp: 511140
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 54.7 59.4 89.0#





#61

4-Nitroaniline

Concen: 40.20 ng

RT: 10.18 min Scan# 734

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

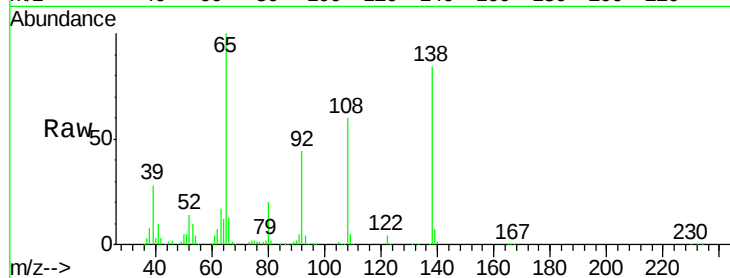
Tgt Ion:138 Resp: 340387

Ion Ratio Lower Upper

138 100

92 52.6 31.7 71.7

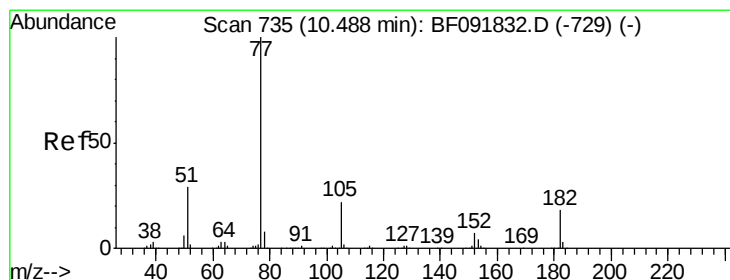
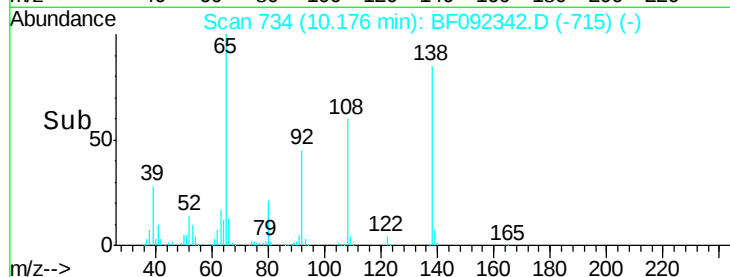
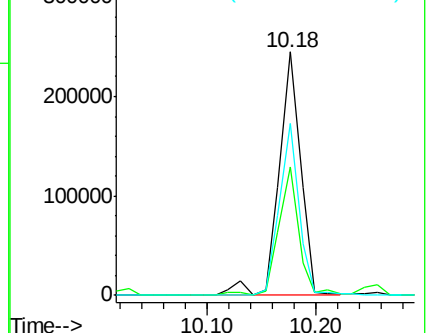
108 70.5 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.35 ng

RT: 10.29 min Scan# 744

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Tgt Ion: 77 Resp: 1462881

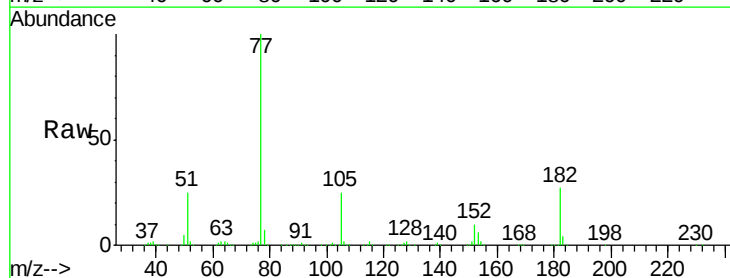
Ion Ratio Lower Upper

77 100

182 27.3 0.0 39.3

105 25.2 2.3 42.3

51 25.5 8.9 48.9

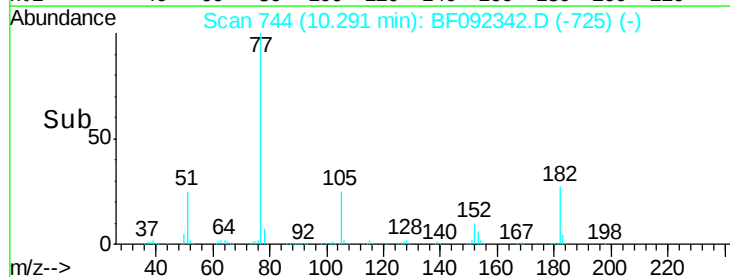
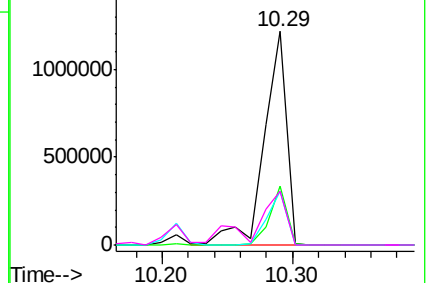


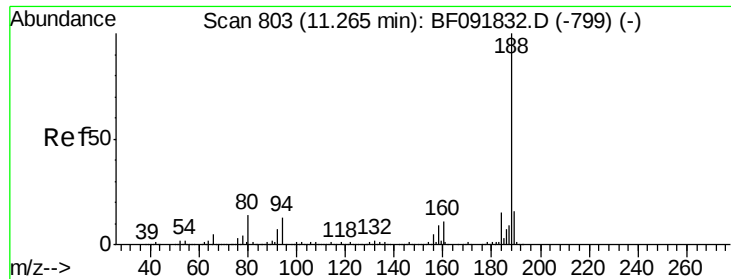
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

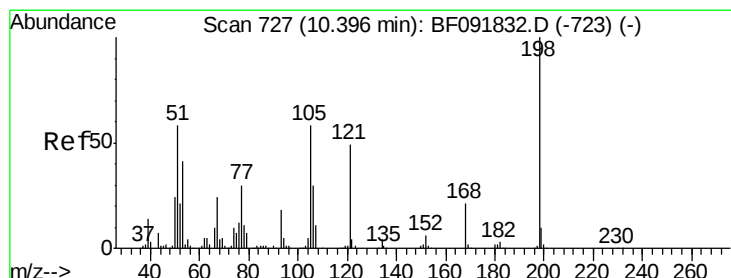
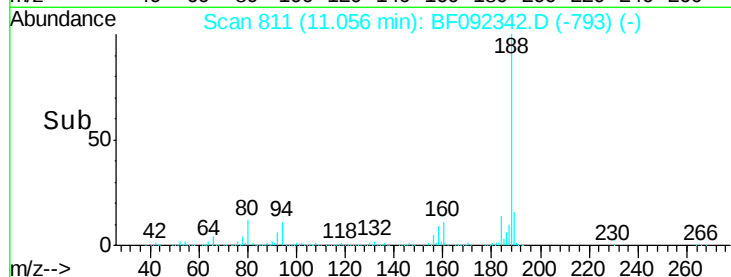
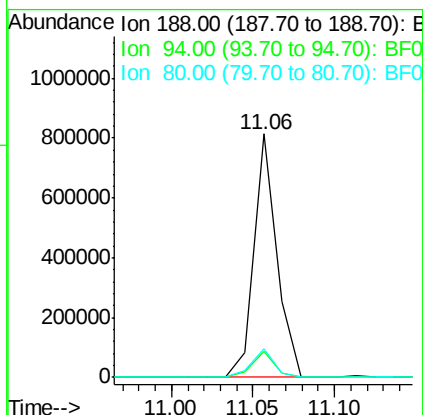
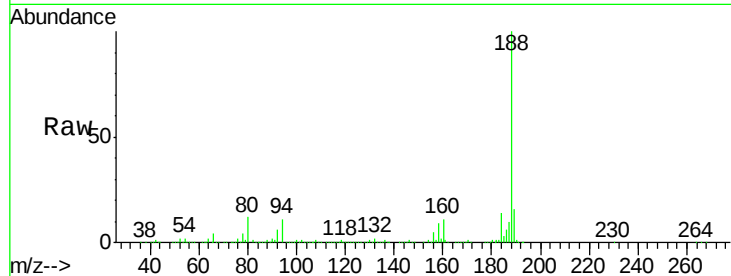




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.10 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

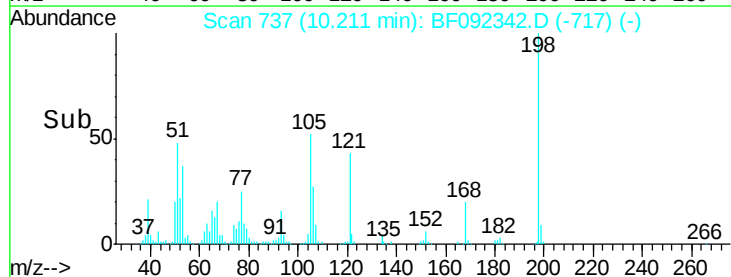
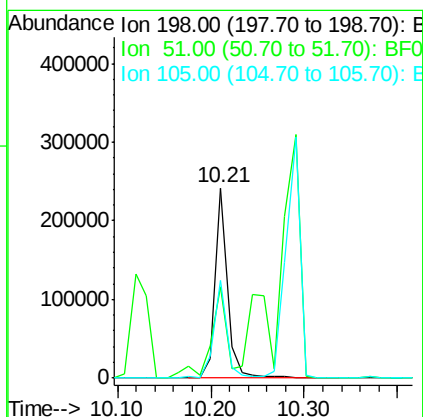
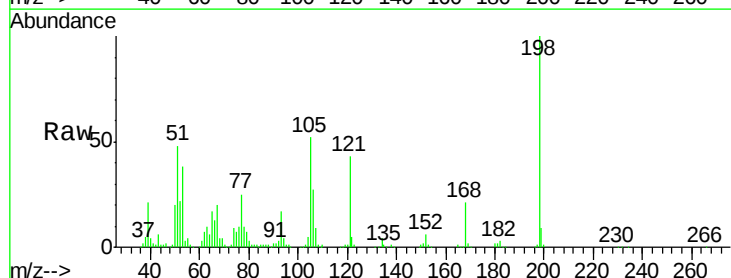
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

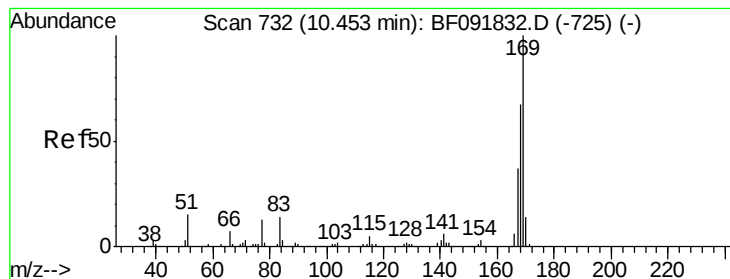
Tgt Ion:188 Resp: 794483
Ion Ratio Lower Upper
188 100
94 10.8 10.0 15.0
80 11.8 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 46.66 ng
RT: 10.21 min Scan# 737
Delta R.T. -0.08 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Tgt Ion:198 Resp: 224159
Ion Ratio Lower Upper
198 100
51 48.3 6.7 46.7#
105 51.7 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 46.01 ng

RT: 10.26 min Scan# 741

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

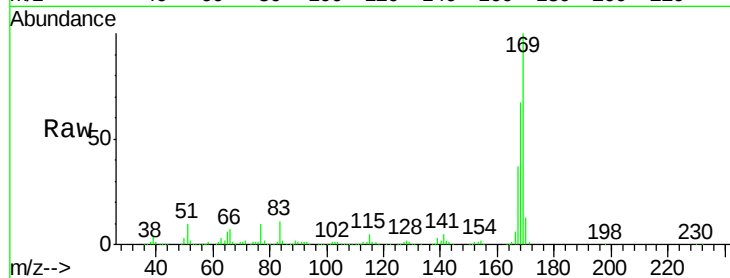
Tgt Ion:169 Resp: 1084678

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

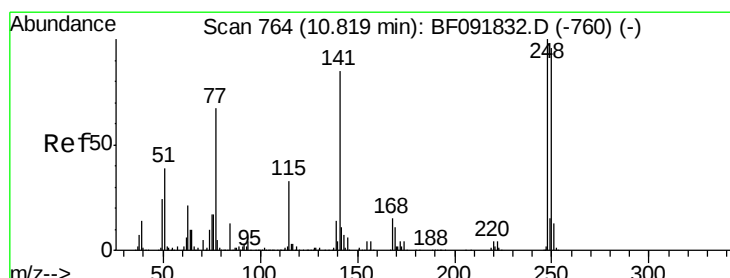
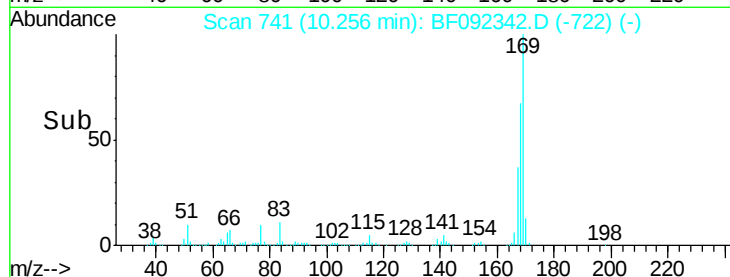
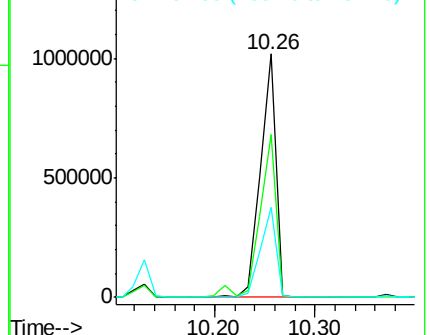
167 37.0 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.52 ng

RT: 10.61 min Scan# 772

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

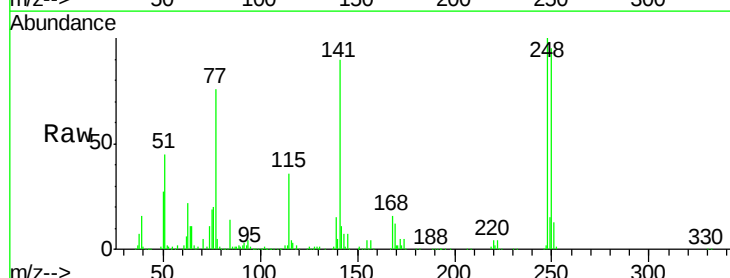
Tgt Ion:248 Resp: 310121

Ion Ratio Lower Upper

248 100

250 95.3 76.9 115.3

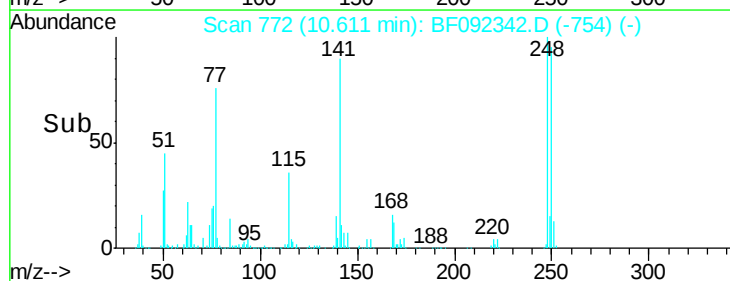
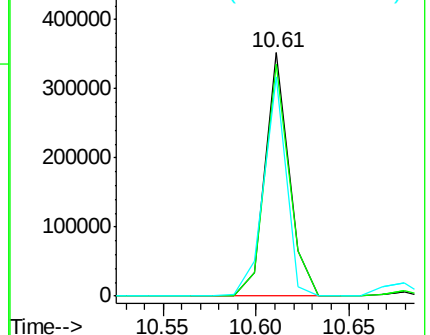
141 90.3 68.2 102.4

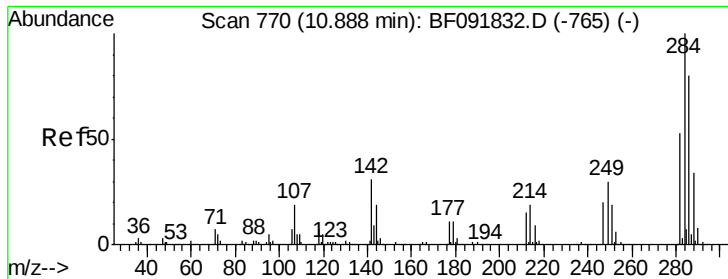


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

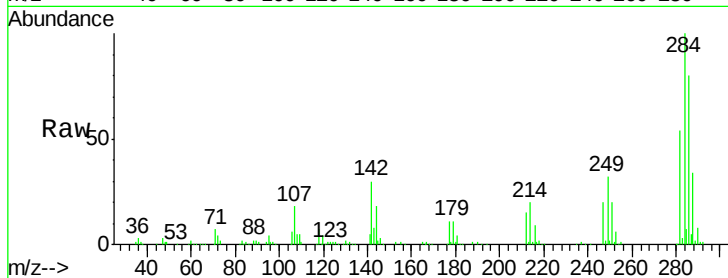




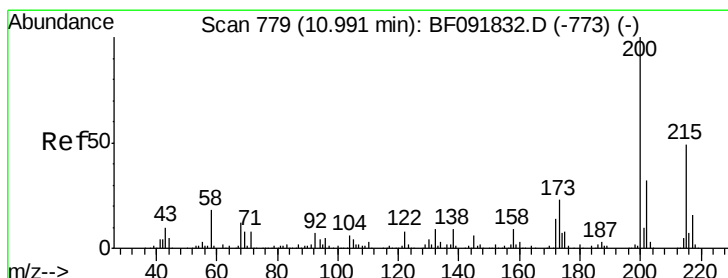
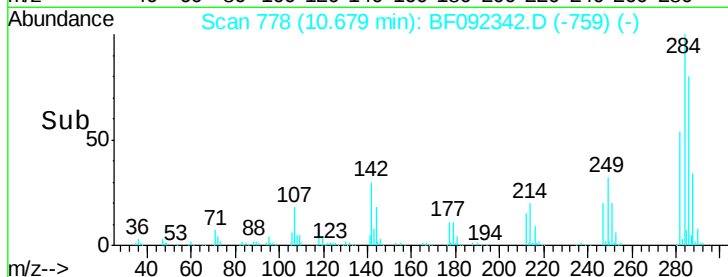
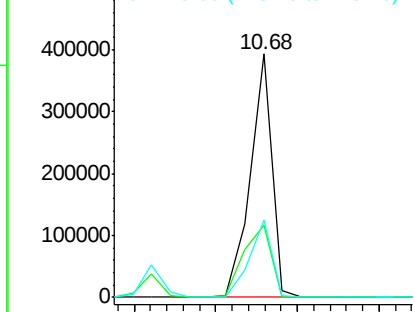
#67
Hexachlorobenzene
Concen: 40.96 ng
RT: 10.68 min Scan# 778
Delta R.T. -0.09 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 361828
Ion Ratio Lower Upper
284 100
142 29.8 22.6 33.8
249 31.9 25.4 38.0

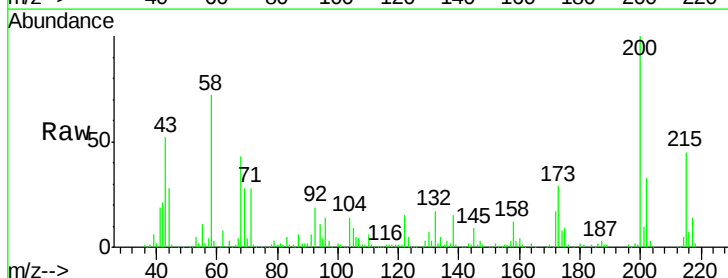


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

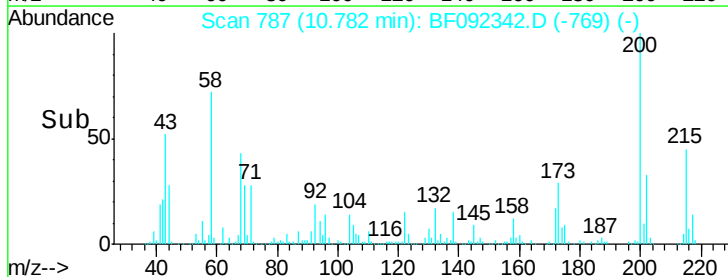
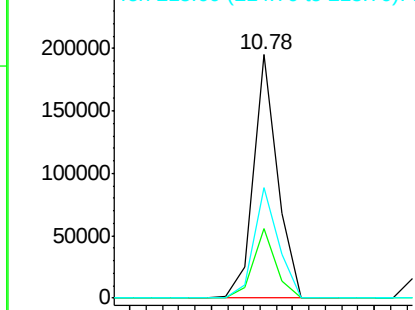


#68
Atrazine
Concen: 26.16 ng
RT: 10.78 min Scan# 787
Delta R.T. -0.10 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Tgt Ion:200 Resp: 198913
Ion Ratio Lower Upper
200 100
173 28.6 9.6 49.6
215 45.5 25.7 65.7



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

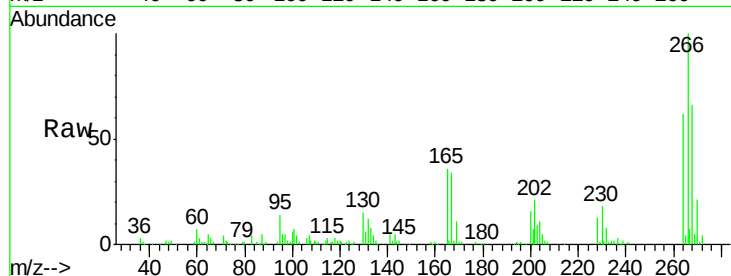




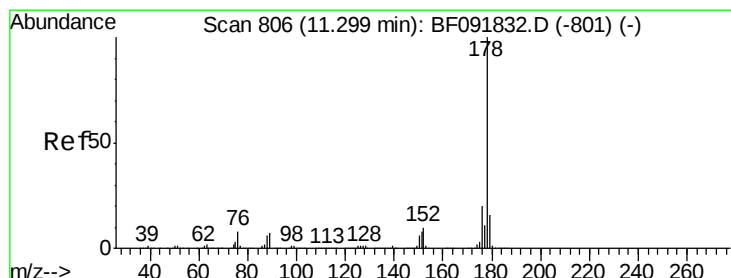
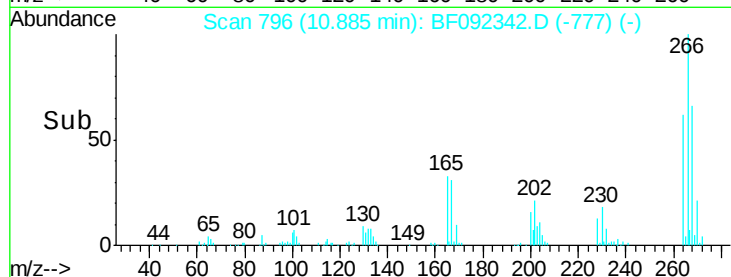
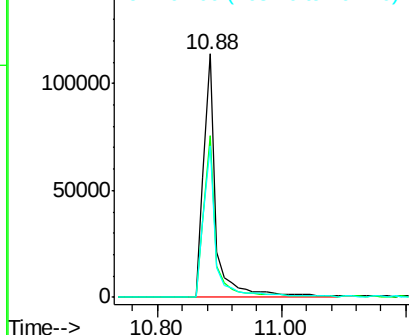
#69
 Pentachlorophenol
 Concen: 37.35 ng
 RT: 10.88 min Scan# 796
 Delta R.T. -0.09 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 161875
 Ion Ratio Lower Upper
 266 100
 268 66.3 53.3 79.9
 264 62.4 50.3 75.5

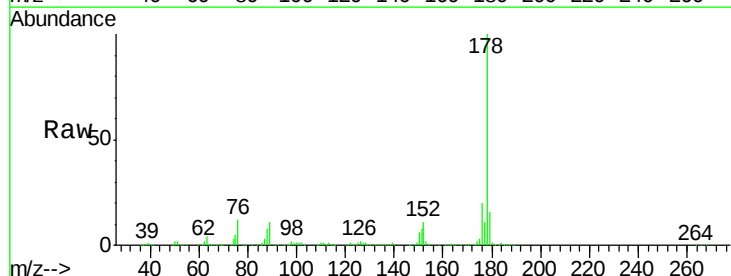


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

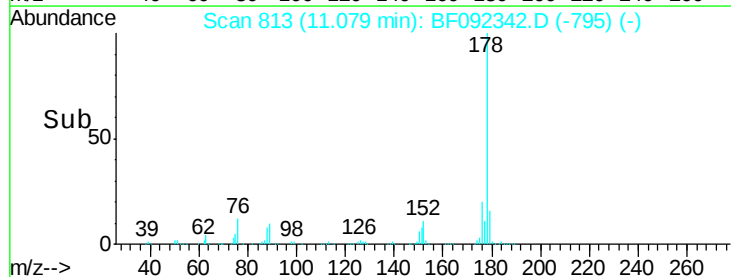
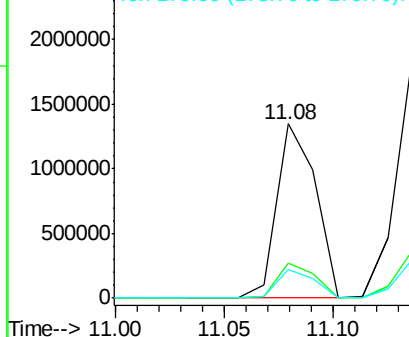


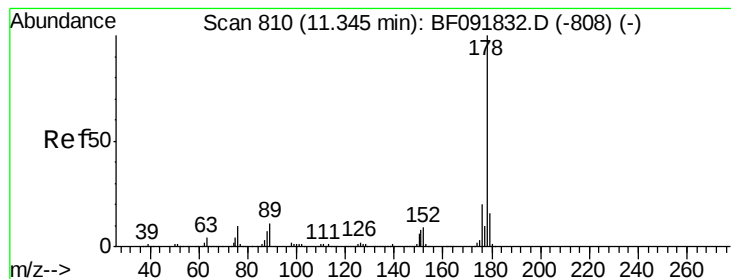
#70
 Phenanthrene
 Concen: 38.95 ng
 RT: 11.08 min Scan# 813
 Delta R.T. -0.10 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Tgt Ion: 178 Resp: 1677927
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 16.3 12.8 19.2



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





#71

Anthracene

Concen: 44.86 ng

RT: 11.14 min Scan# 818

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

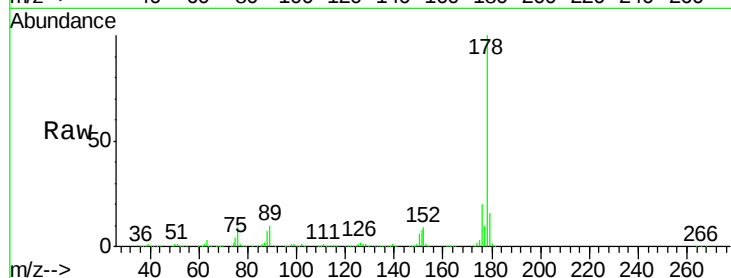
Tgt Ion:178 Resp: 1715455

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

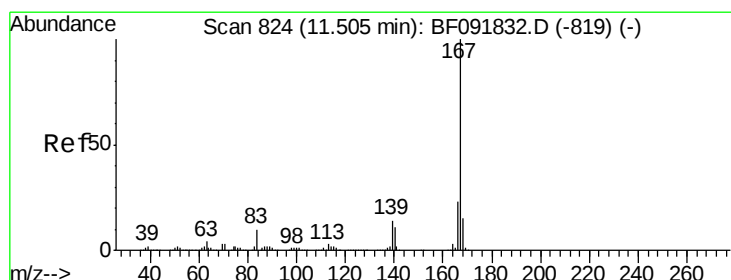
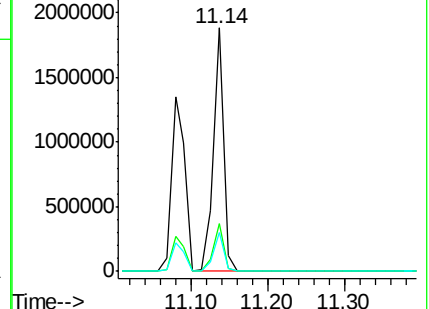
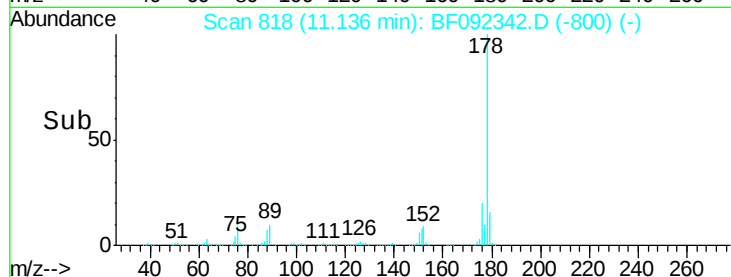
179 16.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.57 ng

RT: 11.30 min Scan# 832

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

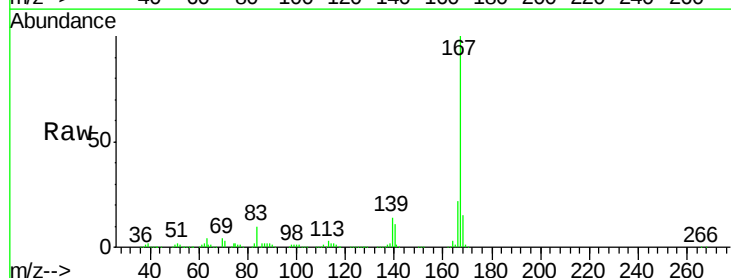
Tgt Ion:167 Resp: 1479271

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

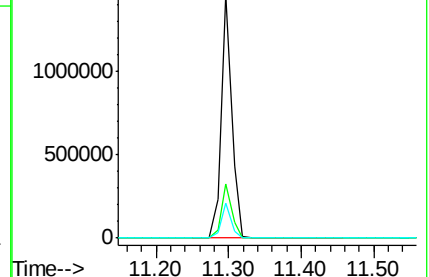
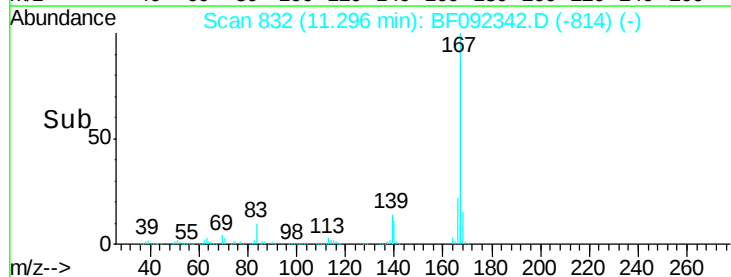
139 14.3 11.4 17.2

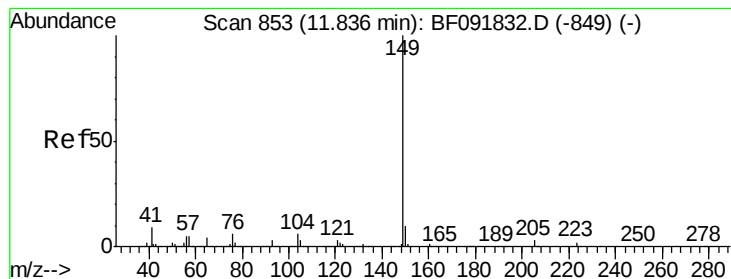


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.60 ng

RT: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

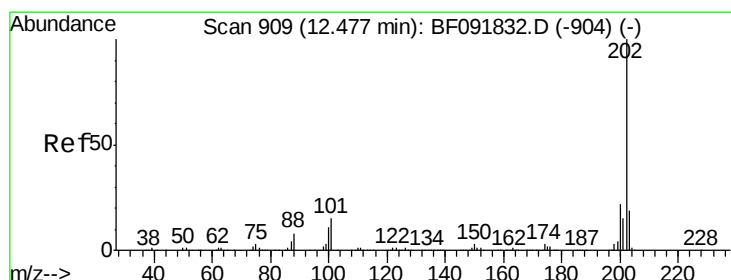
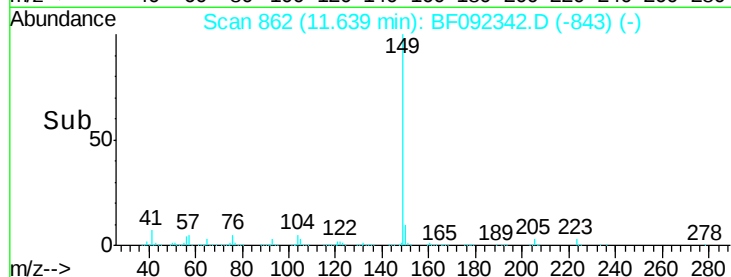
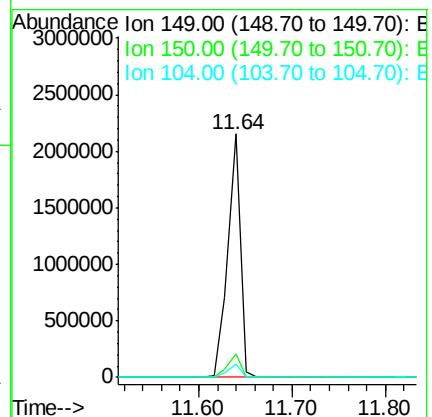
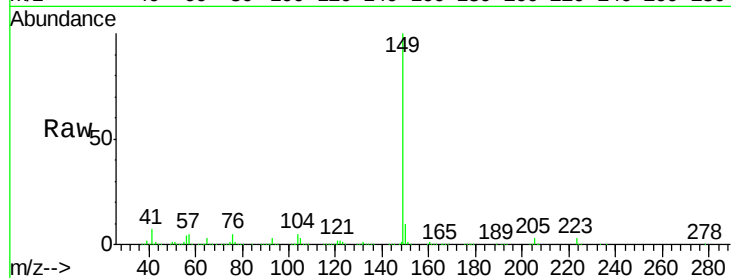
Tgt Ion:149 Resp: 2007387

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

104 5.2 4.6 7.0



#74

Fluoranthene

Concen: 61.79 ng

RT: 12.27 min Scan# 917

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

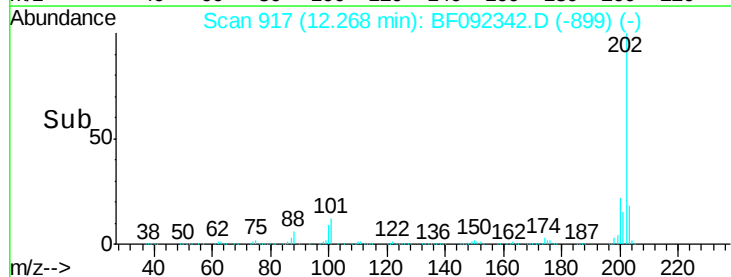
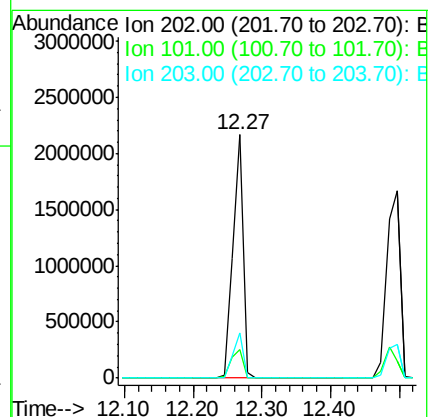
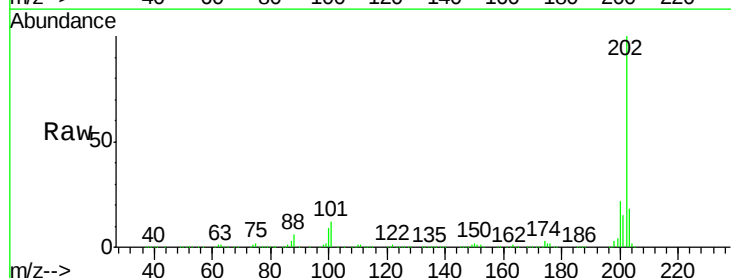
Tgt Ion:202 Resp: 2281274

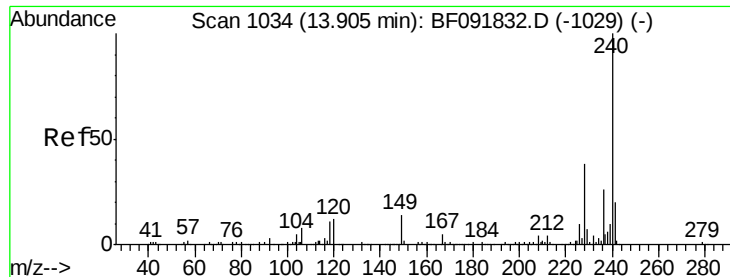
Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.6

203 18.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

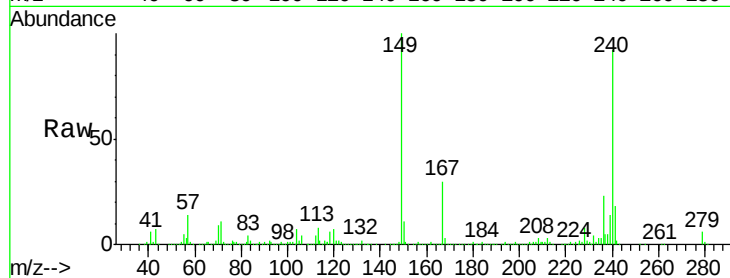
Tgt Ion:240 Resp: 666147

Ion Ratio Lower Upper

240 100

120 7.2 12.9 19.3#

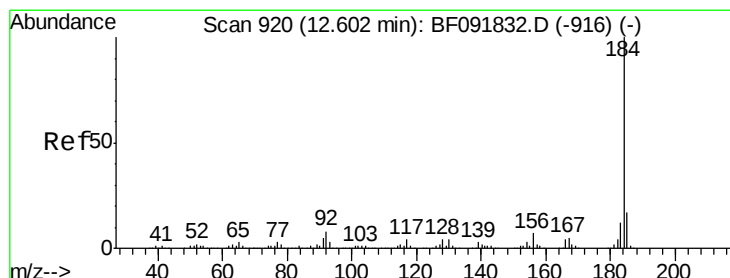
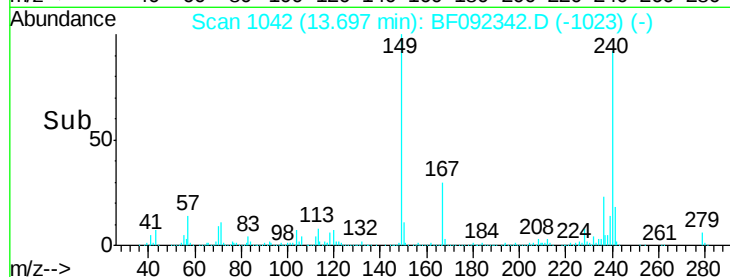
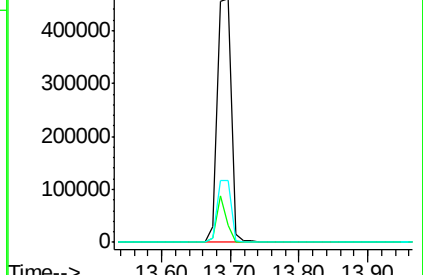
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 64.96 ng

RT: 12.39 min Scan# 928

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

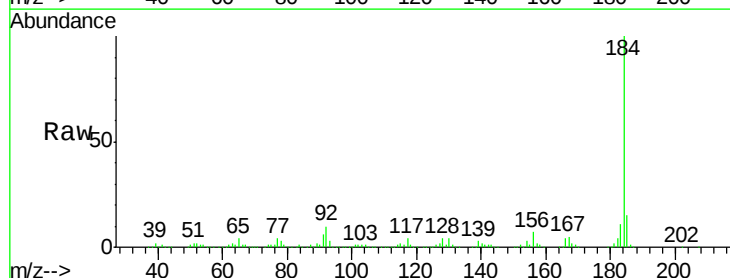
Tgt Ion:184 Resp: 997659

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.0

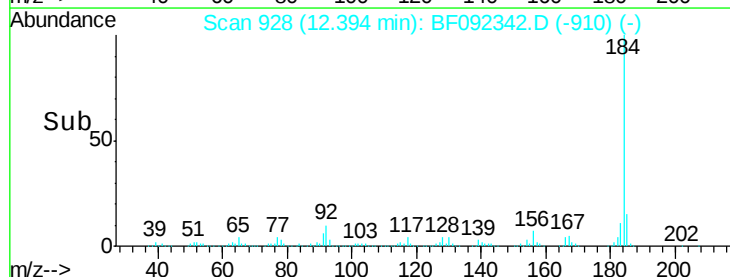
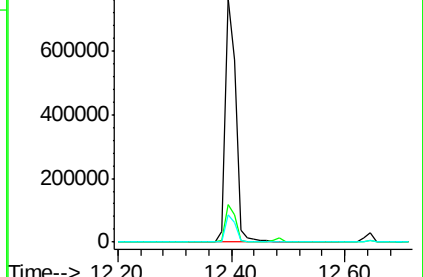
183 11.1 9.2 13.8

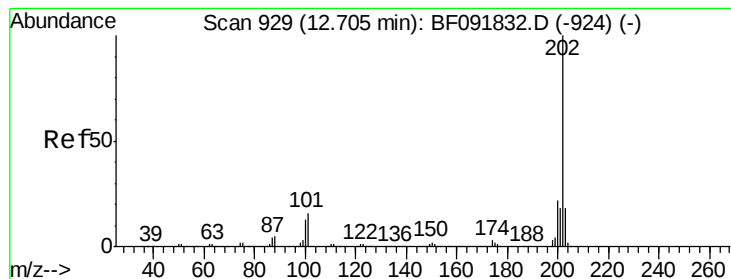


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.68 ng

RT: 12.50 min Scan# 937

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

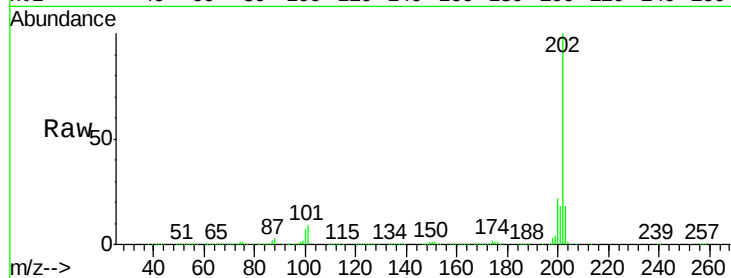
Tgt Ion: 202 Resp: 2232632

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

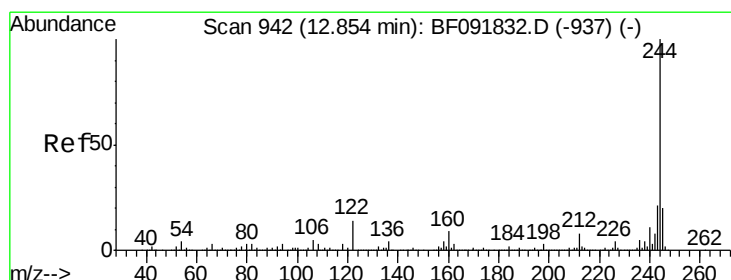
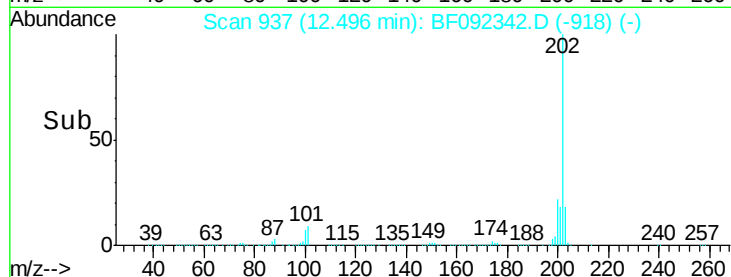
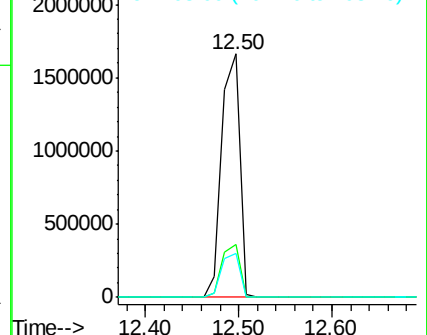
203 17.8 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.25 ng

RT: 12.65 min Scan# 950

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

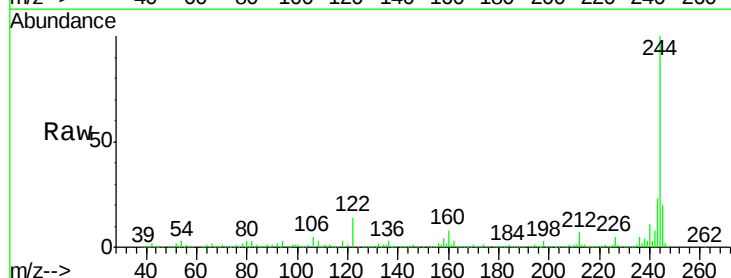
Tgt Ion: 244 Resp: 2176625

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

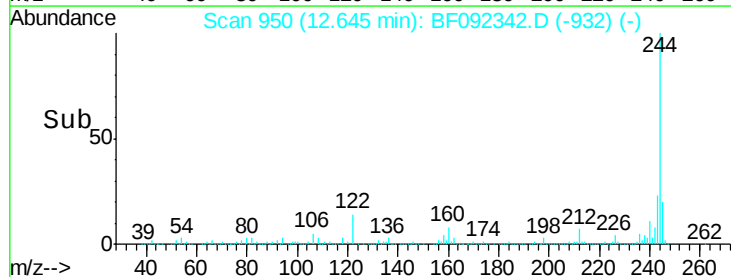
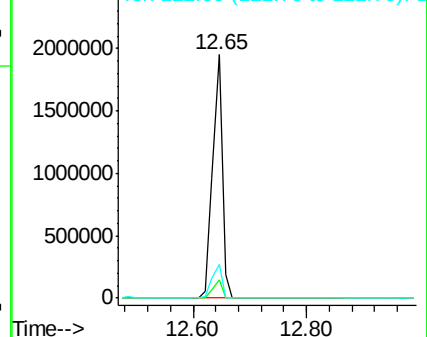
122 13.8 11.4 17.2

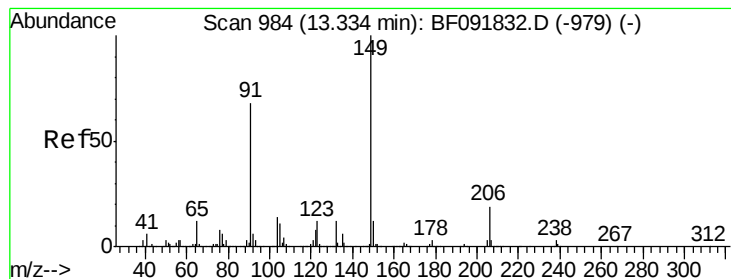


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.10 ng

RT: 13.13 min Scan# 992

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

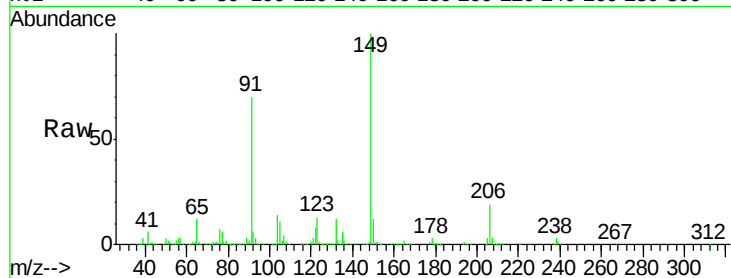
Tgt Ion:149 Resp: 1091386

Ion Ratio Lower Upper

149 100

91 70.2 63.9 95.9

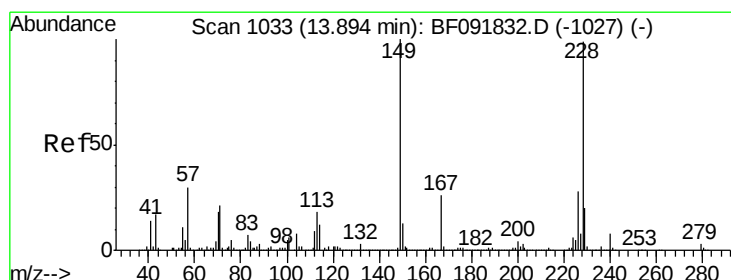
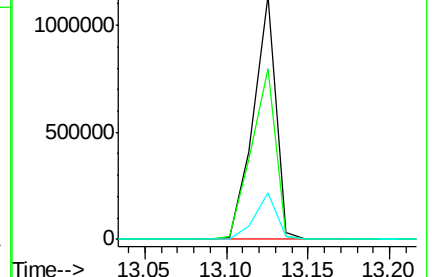
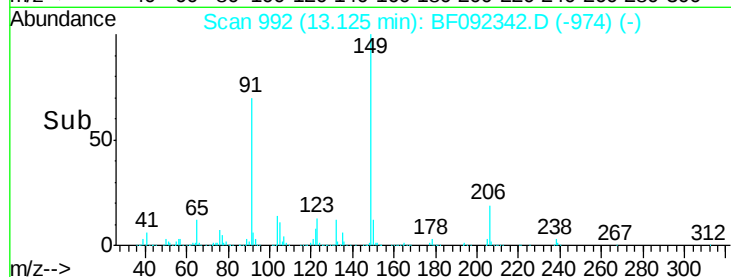
206 19.2 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.77 ng

RT: 13.67 min Scan# 1040

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

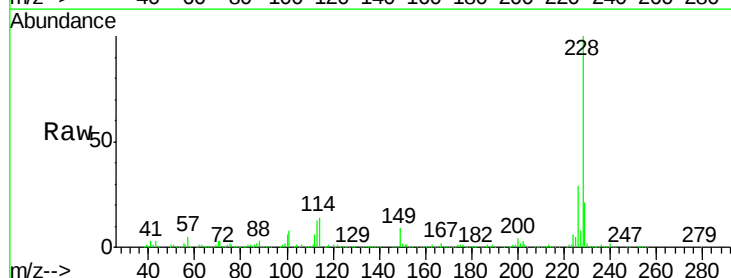
Tgt Ion:228 Resp: 1758719

Ion Ratio Lower Upper

228 100

226 28.8 22.4 33.6

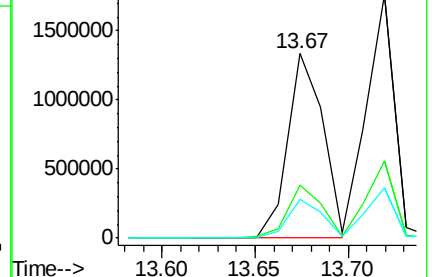
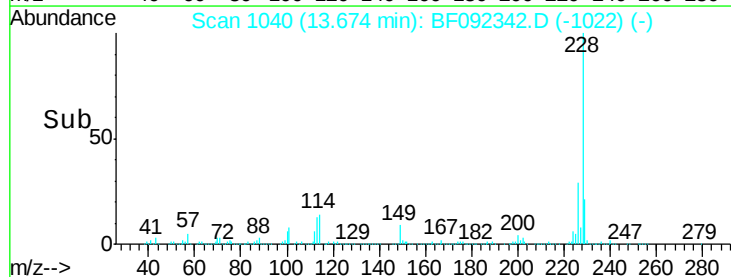
229 20.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

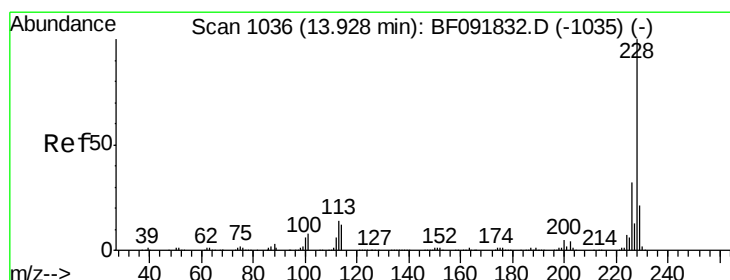
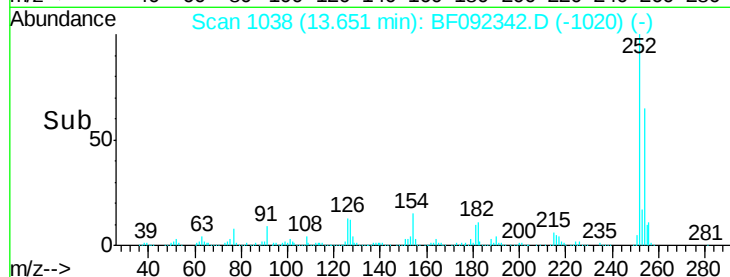
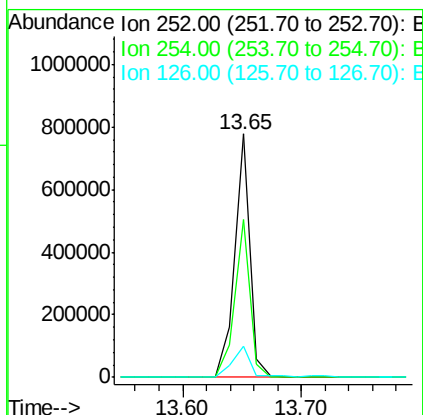
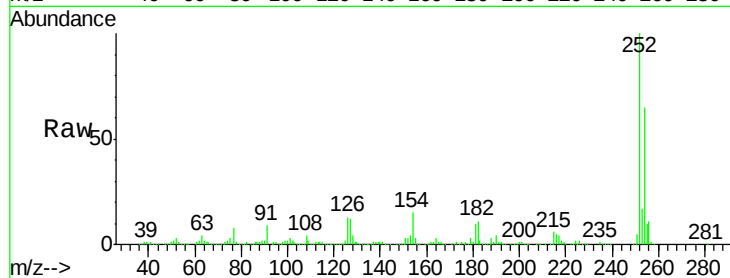




#81
 3,3'-Dichlorobenzidine
 Concen: 48.46 ng
 RT: 13.65 min Scan# 1038
 Delta R.T. -0.10 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

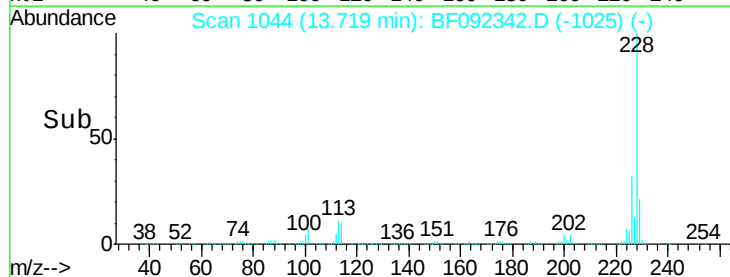
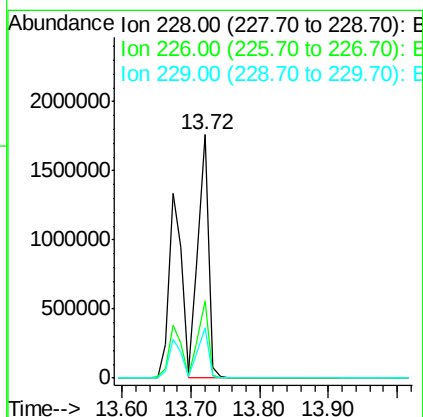
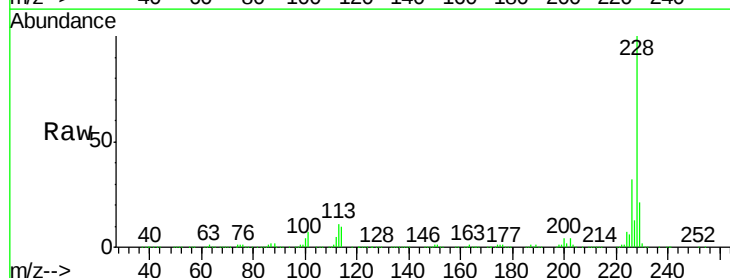
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 690976
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.3 78.5
 126 12.7 13.6 20.4#



#82
 Chrysene
 Concen: 48.46 ng
 RT: 13.72 min Scan# 1044
 Delta R.T. -0.09 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Tgt Ion:228 Resp: 1827836
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.4 38.0
 229 20.5 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.38 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

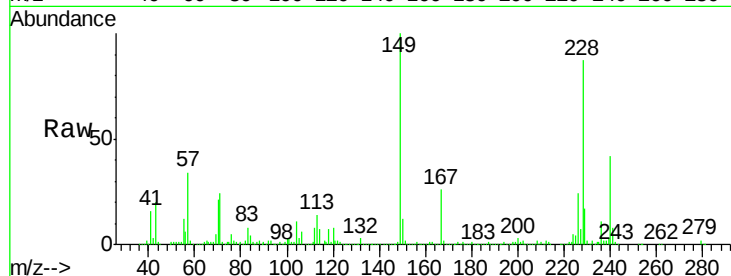
Tgt Ion:149 Resp: 1187858

Ion Ratio Lower Upper

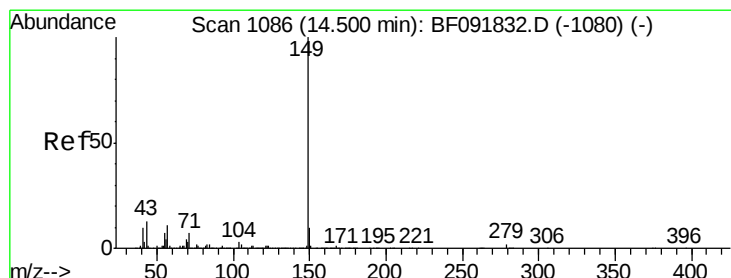
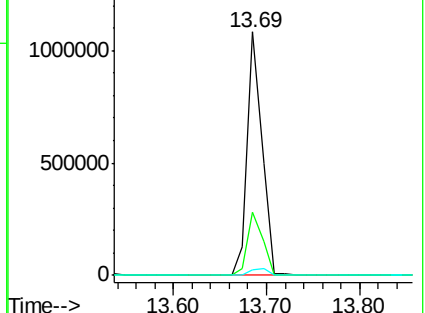
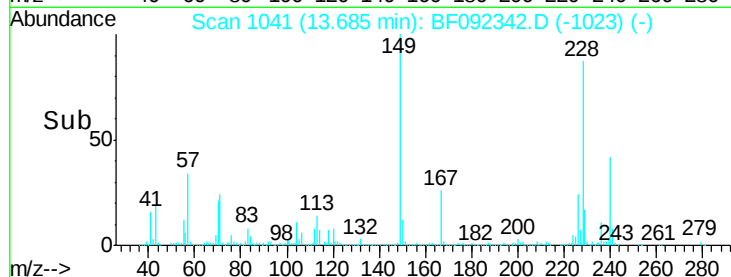
149 100

167 25.8 20.2 30.4

279 2.2 1.8 2.8



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



#84

Di-n-octyl phthalate

Concen: 50.34 ng

RT: 14.30 min Scan# 1095

Delta R.T. -0.09 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

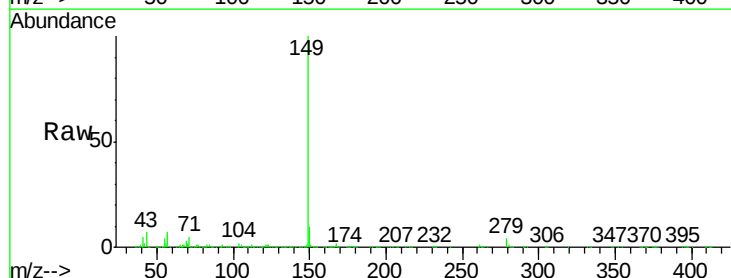
Tgt Ion:149 Resp: 2441053

Ion Ratio Lower Upper

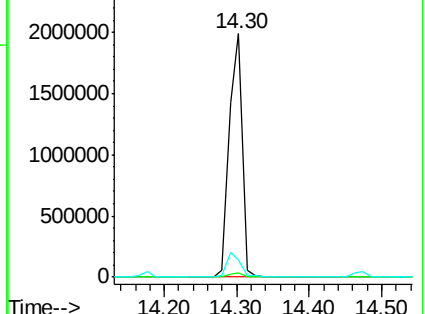
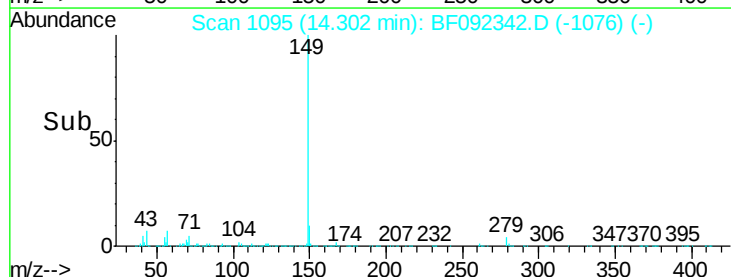
149 100

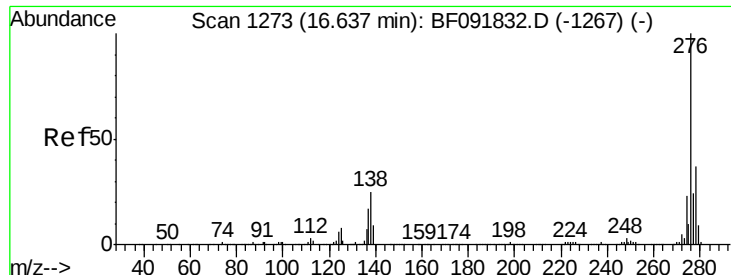
167 1.6 1.3 1.9

43 10.7 8.9 13.3



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

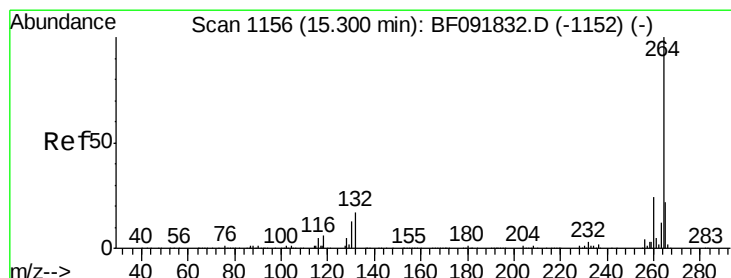
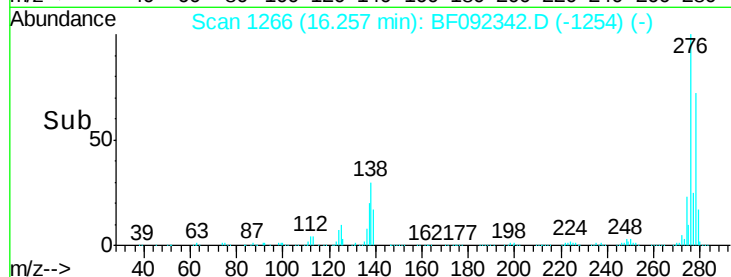
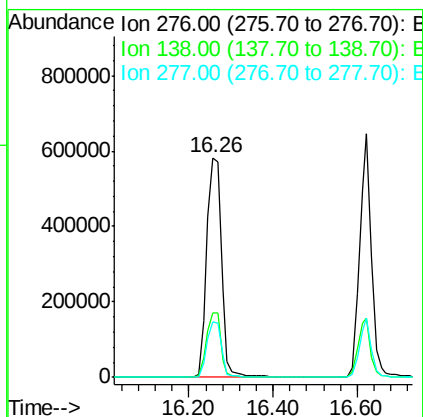
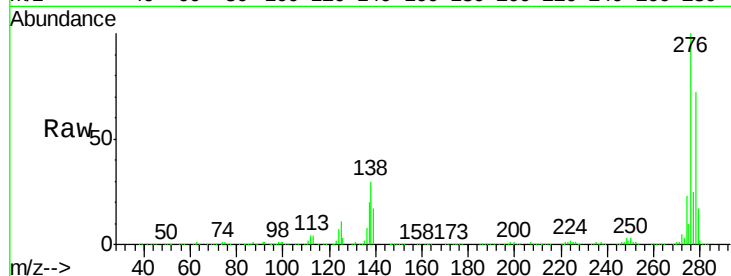




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.73 ng
 RT: 16.26 min Scan# 1266
 Delta R.T. -0.17 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

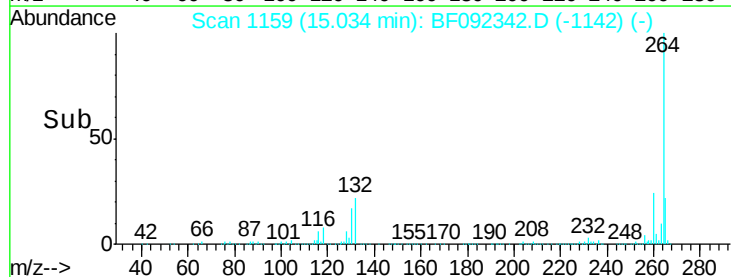
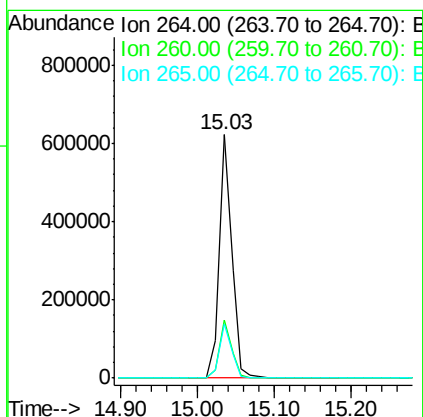
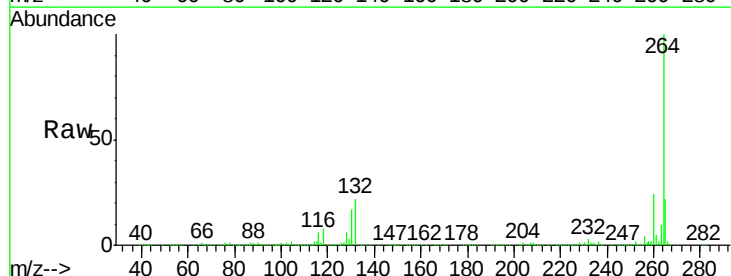
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

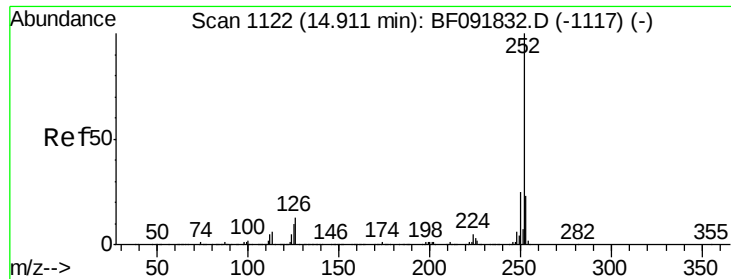
Tgt Ion: 276 Resp: 1428998
 Ion Ratio Lower Upper
 276 100
 138 28.8 21.8 32.6
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1159
 Delta R.T. -0.11 min
 Lab File: BF092342.D
 Acq: 18 Jan 2017 10:35

Tgt Ion: 264 Resp: 711864
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.4 17.4 26.0

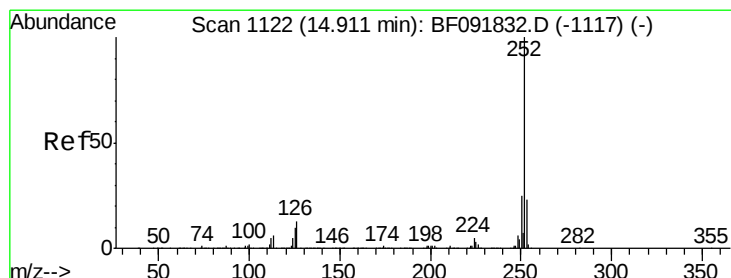
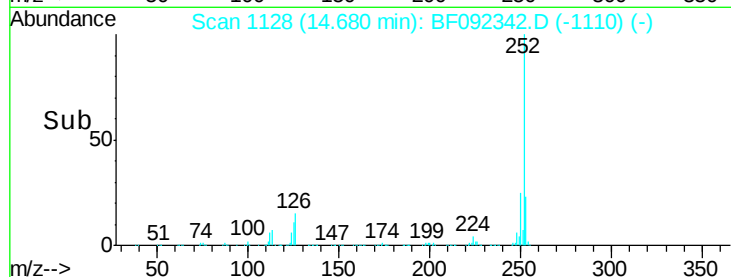
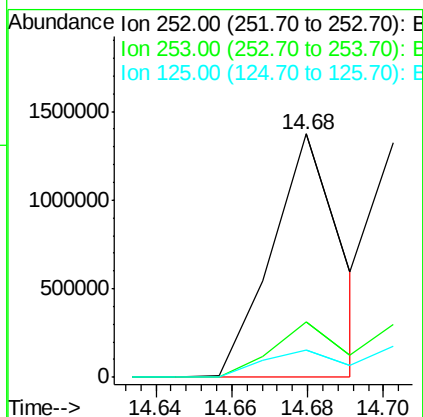
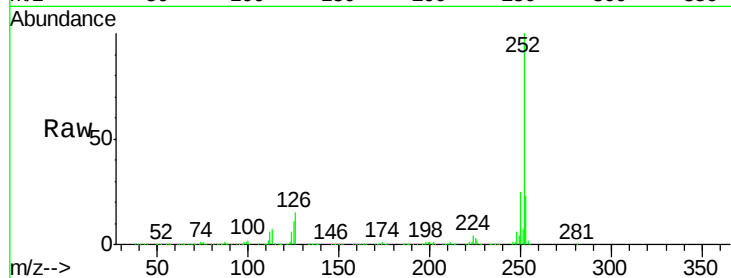




#87
Benzo(b)fluoranthene
Concen: 38.91 ng m
RT: 14.68 min Scan# 1128
Delta R.T. -0.10 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

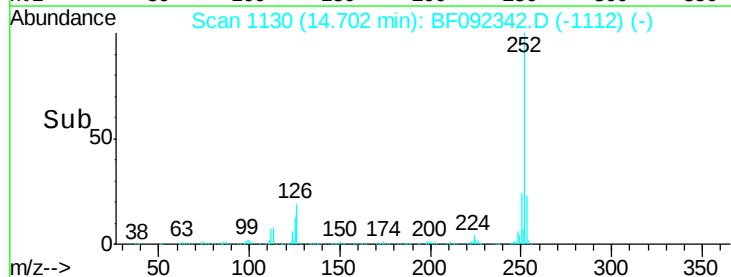
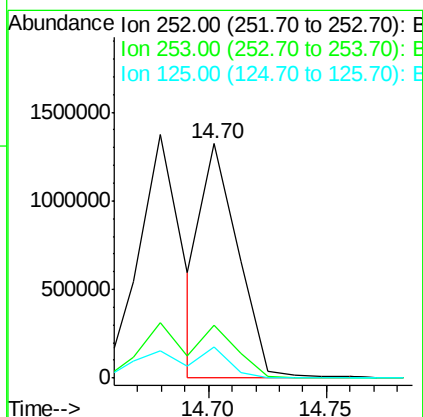
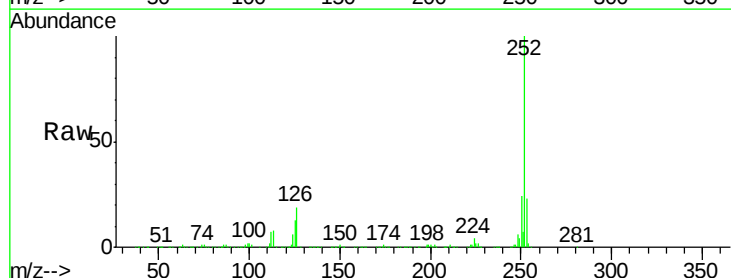
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1724483
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 11.3 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 37.16 ng m
RT: 14.70 min Scan# 1130
Delta R.T. -0.10 min
Lab File: BF092342.D
Acq: 18 Jan 2017 10:35

Tgt Ion:252 Resp: 1404498
Ion Ratio Lower Upper
252 100
253 22.6 18.5 27.7
125 13.0 8.9 13.3





#89

Benzo(a)pyrene

Concen: 38.95 ng

RT: 14.99 min Scan# 1155

Delta R.T. -0.11 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

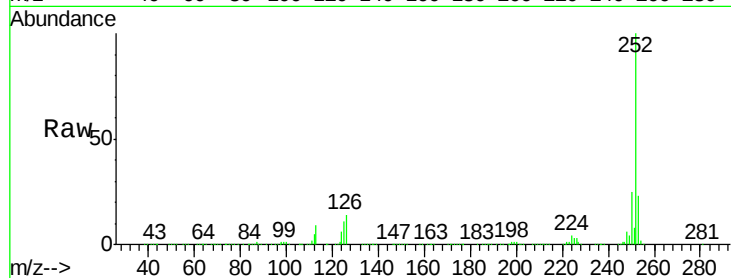
Tgt Ion:252 Resp: 1532088

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

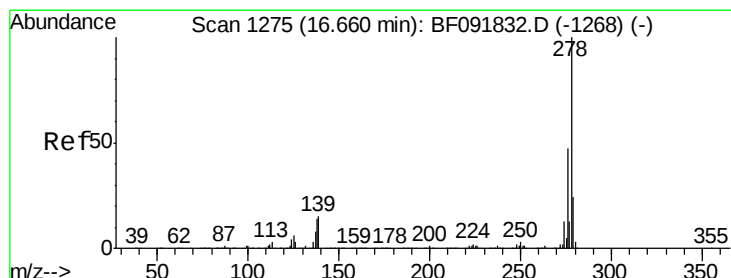
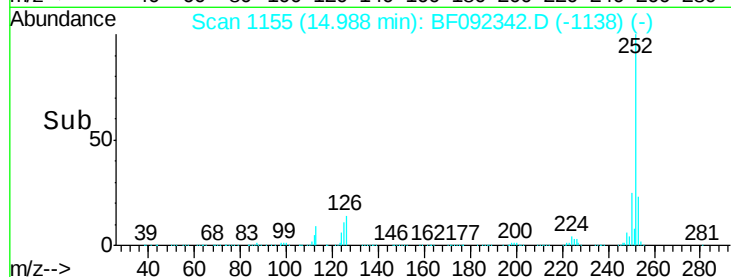
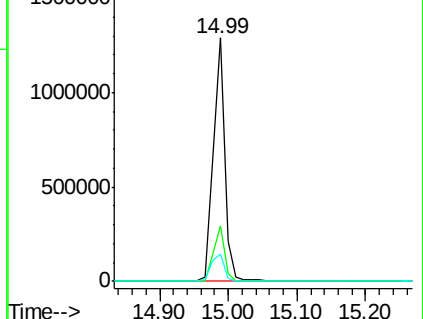
125 11.3 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.59 ng

RT: 16.27 min Scan# 1267

Delta R.T. -0.17 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

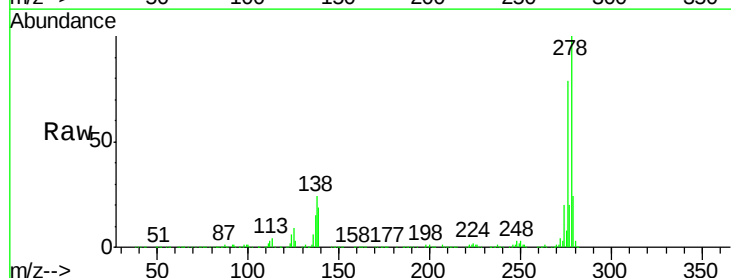
Tgt Ion:278 Resp: 1183188

Ion Ratio Lower Upper

278 100

139 18.5 14.8 22.2

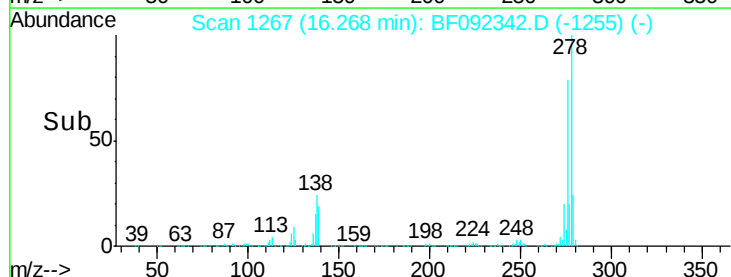
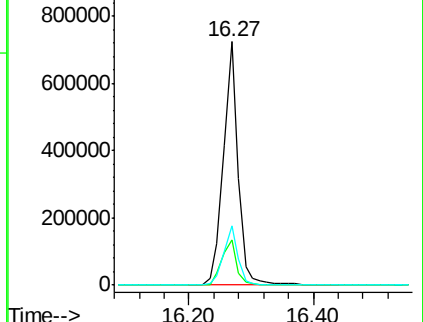
279 24.1 19.8 29.6

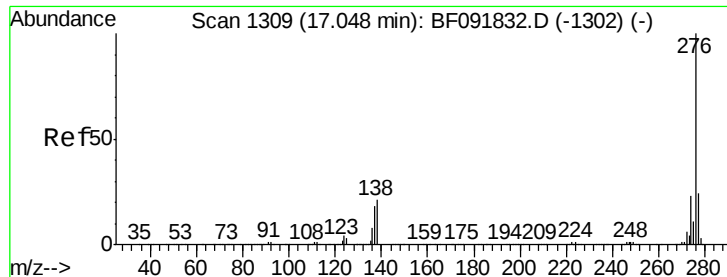


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.68 ng

RT: 16.62 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF092342.D

Acq: 18 Jan 2017 10:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

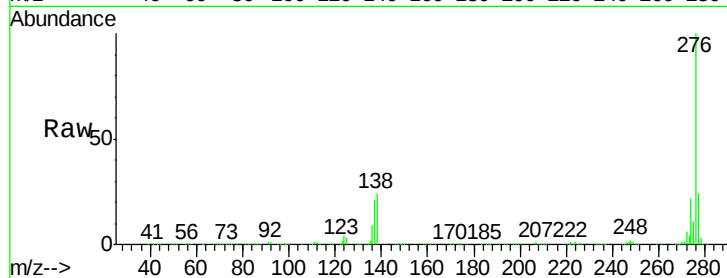
Tgt Ion: 276 Resp: 1266894

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 24.2 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

