

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092421.D
 Acq On : 24 Jan 2017 11:37
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Jan 24 12:47:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 12:41:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166231	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	683154	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	364917	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	619540	20.00	ng	0.00
75) Chrysene-d12	14.17	240	500900	20.00	ng	0.00
86) Perylene-d12	15.64	264	428055	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	834867	83.86	ng	0.00
7) Phenol-d6	6.59	99	1076010	88.53	ng	0.00
23) Nitrobenzene-d5	7.54	82	994787	80.97	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	202725	67.13	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1664437	87.56	ng	0.00
78) Terphenyl-d14	13.12	244	1325828	64.19	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	224374	45.78	ng	# 83
3) Pyridine	3.38	79	638397	37.32	ng	# 82
4) n-Nitrosodimethylamine	3.33	42	317969	49.28	ng	# 82
6) Aniline	6.62	93	823324	52.15	ng	# 47
8) 2-Chlorophenol	6.75	128	450635	39.79	ng	95
9) Benzaldehyde	6.51	77	374248	49.82	ng	88
10) Phenol	6.60	94	681951	49.24	ng	# 74
11) bis(2-Chloroethyl)ether	6.70	93	516218	46.84	ng	94
12) 1,3-Dichlorobenzene	6.91	146	532185	44.02	ng	# 92
13) 1,4-Dichlorobenzene	6.99	146	557968	45.35	ng	95
14) 1,2-Dichlorobenzene	7.14	146	474900	44.48	ng	97
15) Benzyl Alcohol	7.10	79	415378	43.98	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	965568	58.83	ng	92
17) 2-Methylphenol	7.22	107	389903	42.81	ng	96
18) Hexachloroethane	7.49	117	189464	41.53	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	360487	44.58	ng	91
20) 3+4-Methylphenols	7.38	107	493902	45.47	ng	94
22) Acetophenone	7.39	105	646016	38.34	ng	# 88
24) Nitrobenzene	7.56	77	561095	42.88	ng	90
25) Isophorone	7.80	82	972220	42.89	ng	96
26) 2-Nitrophenol	7.87	139	213629	33.11	ng	# 85
27) 2,4-Dimethylphenol	7.92	122	445505	41.63	ng	92
28) bis(2-Chloroethoxy)methane	8.01	93	600080	43.66	ng	99
29) 2,4-Dichlorophenol	8.11	162	389561	42.98	ng	88
30) 1,2,4-Trichlorobenzene	8.20	180	401867	40.47	ng	94
31) Naphthalene	8.28	128	1315154	42.06	ng	99
32) Benzoic acid	8.03	122	343608	43.29	ng	97
33) 4-Chloroaniline	8.33	127	553777	39.28	ng	# 91
34) Hexachlorobutadiene	8.41	225	231182	44.10	ng	100
35) Caprolactam	8.72	113	134007	45.00	ng	# 29
36) 4-Chloro-3-methylphenol	8.82	107	441022	42.29	ng	85
37) 2-Methylnaphthalene	8.98	142	814523	37.99	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	386637	41.94	ng	98
40) Hexachlorocyclopentadiene	9.14	237	200702	55.35	ng	97

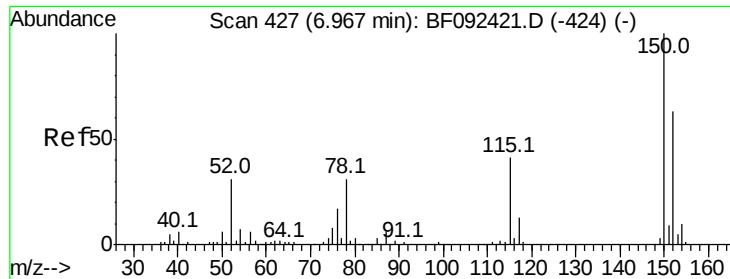
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	282359	43.79	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	277987	41.89	nq #	84
45) 1,1'-Biphenyl	9.45	154	989752	39.61	nq	96
46) 2-Chloronaphthalene	9.47	162	860640	43.49	nq	94
47) 2-Nitroaniline	9.56	65	295740	41.98	nq	86
48) Acenaphthylene	9.89	152	1299598	42.71	nq	99
49) Dimethylphthalate	9.76	163	980936	42.03	nq	100
50) 2,6-Dinitrotoluene	9.81	165	218121	42.70	nq #	85
51) Acenaphthene	10.06	154	744768	36.10	nq	96
52) 3-Nitroaniline	9.98	138	288250	45.60	nq	92
53) 2,4-Dinitrophenol	10.09	184	77542	27.28	nq	97
54) Dibenzofuran	10.24	168	1029728	36.96	nq	97
55) 4-Nitrophenol	10.13	139	222532	51.84	nq #	77
56) 2,4-Dinitrotoluene	10.21	165	251703	39.26	nq	96
57) Fluorene	10.58	166	752448	37.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	196523	37.45	nq	96
59) Diethylphthalate	10.45	149	880046	38.83	nq	99
60) 4-Chlorophenyl-phenylether	10.58	204	395585	44.57	nq #	81
61) 4-Nitroaniline	10.60	138	251711	38.42	nq	96
62) Azobenzene	10.74	77	1090030	43.68	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	133889	35.74	nq #	55
65) n-Nitrosodiphenylamine	10.69	169	712374	38.75	nq	99
66) 4-Bromophenyl-phenylether	11.07	248	240973	37.39	nq	92
67) Hexachlorobenzene	11.13	284	233925	33.96	nq #	76
68) Atrazine	11.23	200	269057	45.37	nq	93
69) Pentachlorophenol	11.32	266	167574	49.58	nq	97
70) Phenanthrene	11.55	178	1297263	38.62	nq	99
71) Anthracene	11.60	178	1264677	37.59	nq	99
72) Carbazole	11.76	167	1265552	40.66	nq	98
73) Di-n-butylphthalate	12.09	149	1378122	37.91	nq	98
74) Fluoranthene	12.74	202	1235710	36.87	nq	99
76) Benzidine	12.87	184	786364	54.17	nq	99
77) Pyrene	12.97	202	1284506	34.95	nq	99
79) Butylbenzylphthalate	13.60	149	615834	36.84	nq #	78
80) Benzo(a)anthracene	14.16	228	1018114	36.01	nq	100
81) 3,3'-Dichlorobenzidine	14.12	252	417775	38.96	nq	97
82) Chrysene	14.19	228	1045083	36.85	nq	99
83) Bis(2-ethylhexyl)phthalate	14.16	149	730399	37.11	nq #	97
84) Di-n-octyl phthalate	14.77	149	1432981	39.30	nq	96
85) Indeno(1,2,3-cd)pyrene	17.13	276	824178	33.54	nq #	94
87) Benzo(b)fluoranthene	15.21	252	1142349	42.86	nq	97
88) Benzo(k)fluoranthene	15.21	252	1142349	50.27	nq #	96
89) Benzo(a)pyrene	15.59	252	924161	39.07	nq	98
90) Dibenzo(a,h)anthracene	17.15	278	726515	37.37	nq	96
91) Benzo(g,h,i)perylene	17.59	276	704787	34.86	nq #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

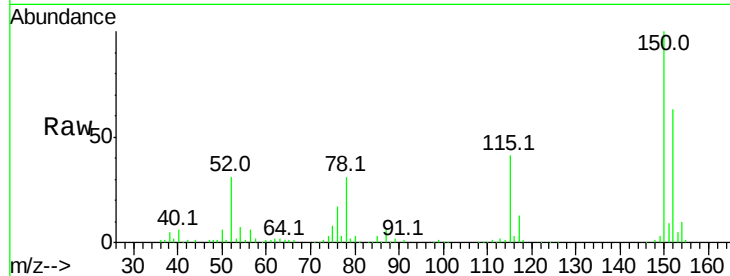
Tot Ion:152 Resp: 166231

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

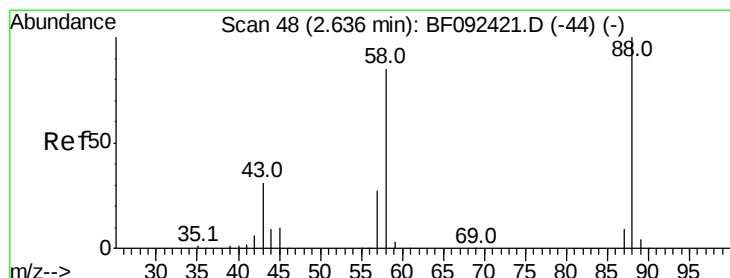
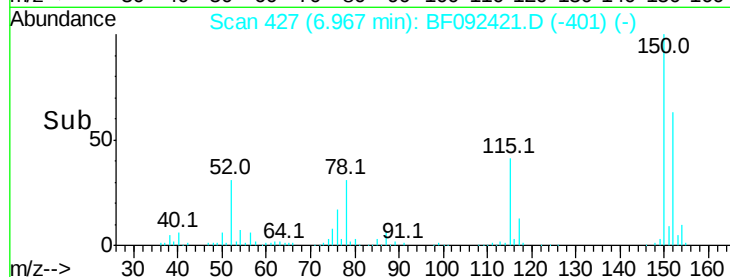
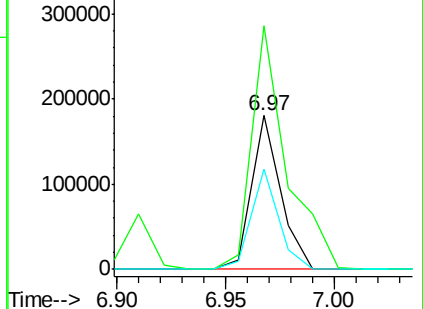
115 65.3 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.78 ng

RT: 2.64 min Scan# 48

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

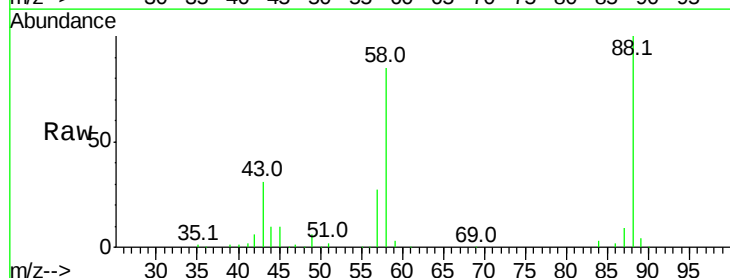
Tgt Ion: 88 Resp: 224374

Ion Ratio Lower Upper

88 100

58 89.2 57.8 86.8#

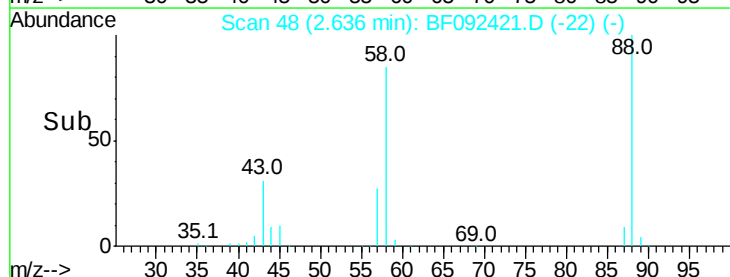
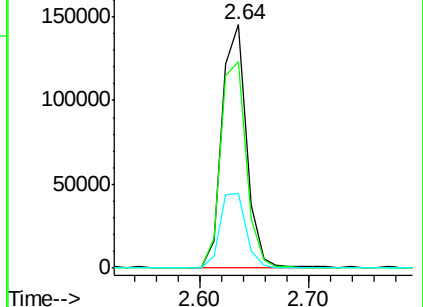
43 33.1 22.3 33.5

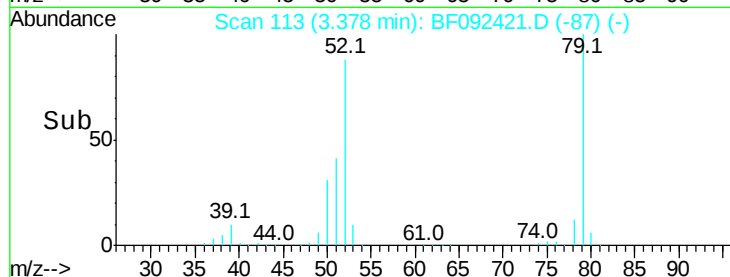
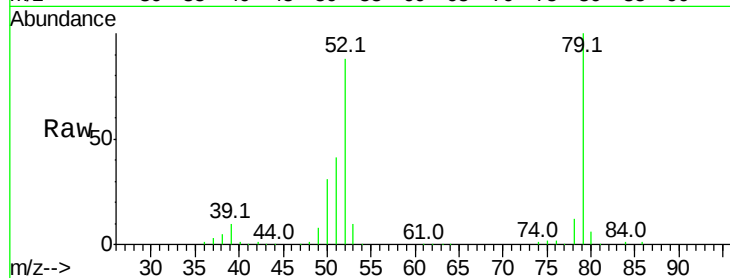
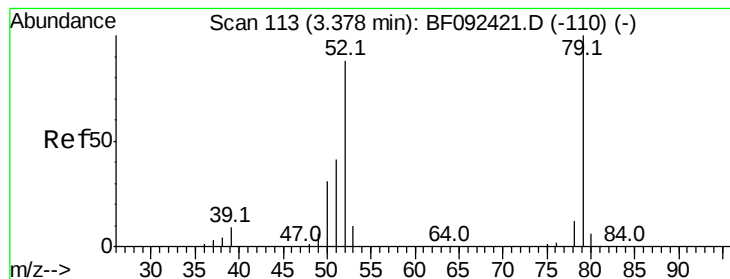


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.32 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

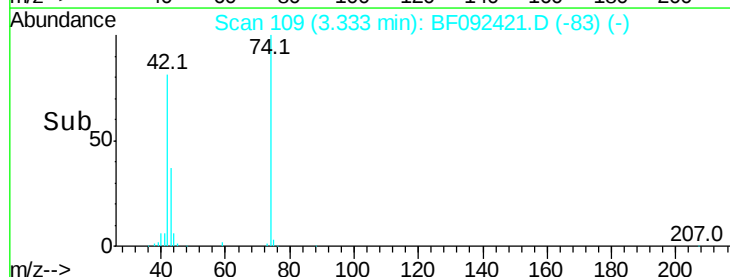
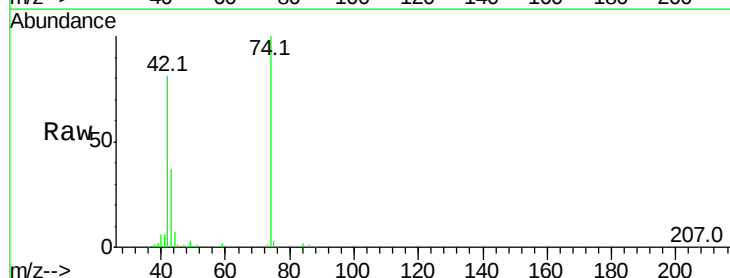
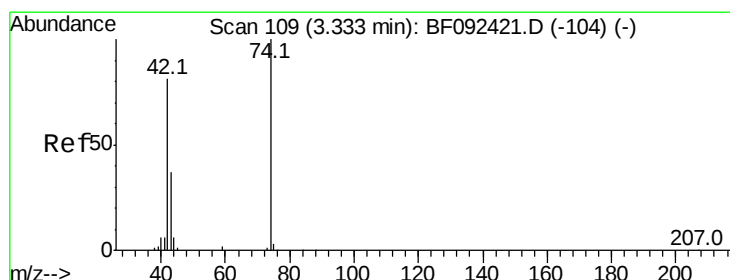
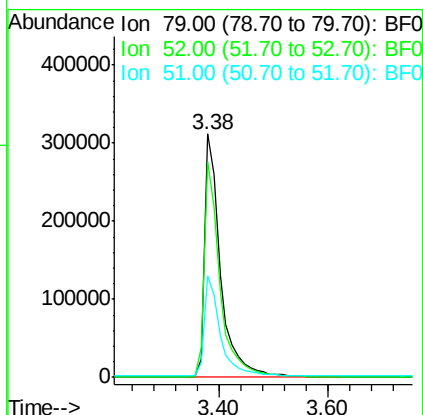
Tot Ion: 79 Resp: 638397

Ion Ratio Lower Upper

79 100

52 88.3 57.1 85.7#

51 41.5 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 49.28 ng

RT: 3.33 min Scan# 109

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

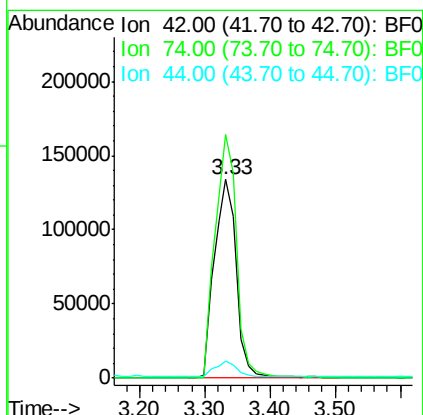
Tgt Ion: 42 Resp: 317969

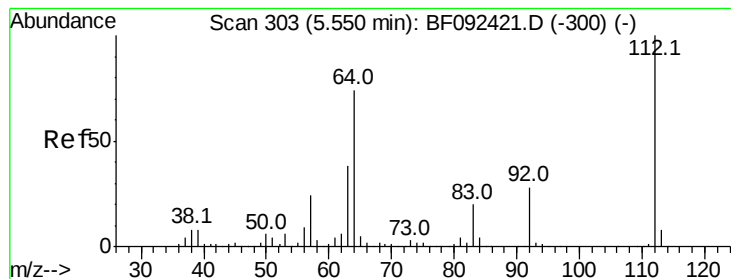
Ion Ratio Lower Upper

42 100

74 122.7 117.0 175.4

44 8.5 5.5 8.3#





#5

2-Fluorophenol

Concen: 83.86 ng

RT: 5.55 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

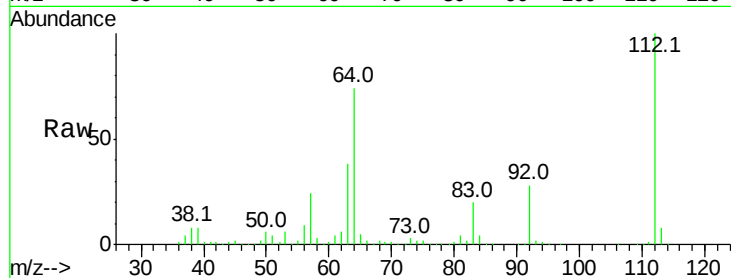
Tot Ion:112 Resp: 834867

Ion Ratio Lower Upper

112 100

64 74.3 46.1 69.1#

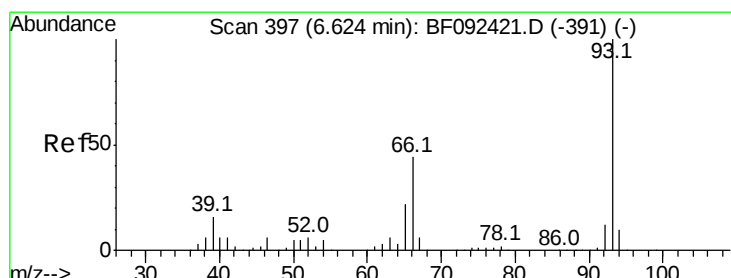
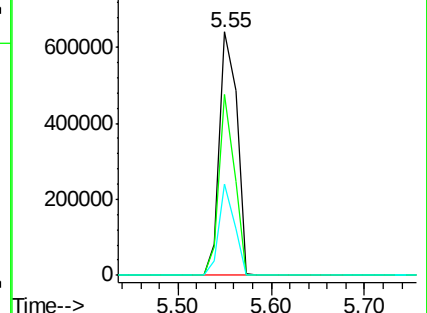
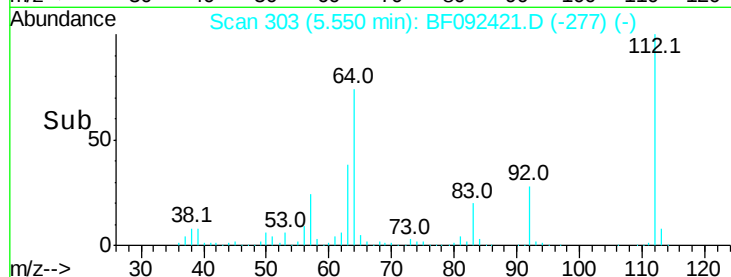
63 37.6 23.8 35.6#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 52.15 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

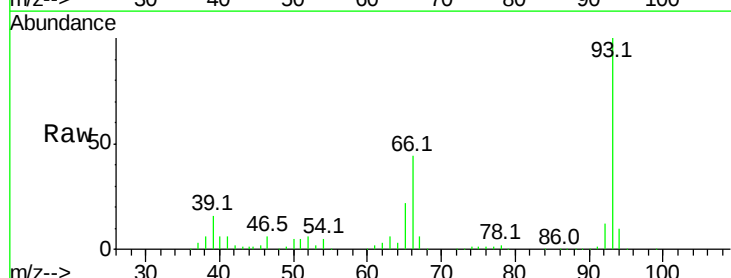
Tgt Ion: 93 Resp: 823324

Ion Ratio Lower Upper

93 100

66 43.8 76.2 114.2#

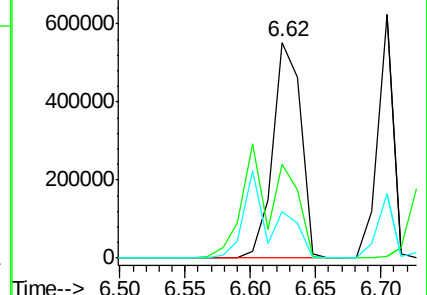
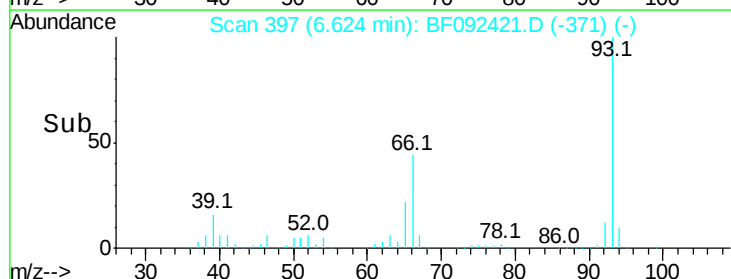
65 21.6 49.3 73.9#

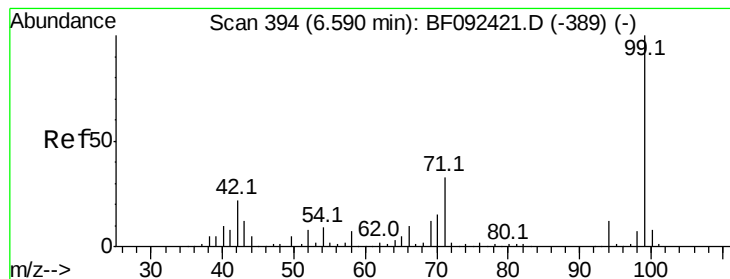


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.53 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092421.D

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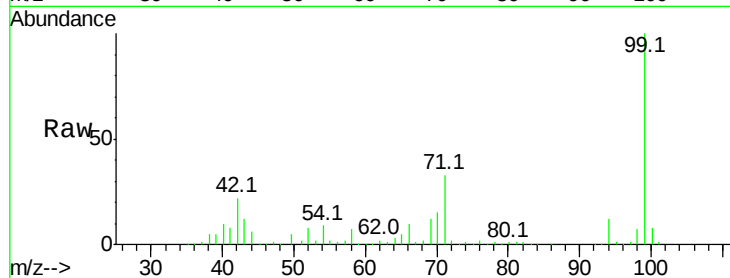
Tot Ion: 99 Resp: 1076010

Ion Ratio Lower Upper

99 100

42 22.2 15.6 23.4

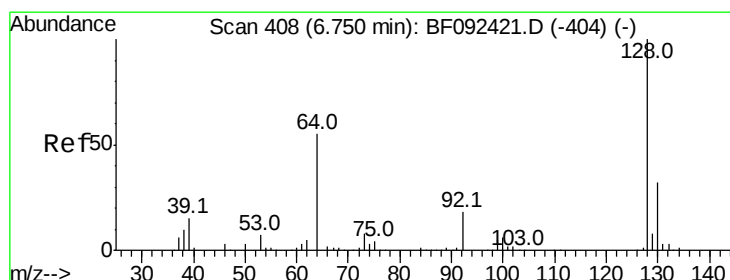
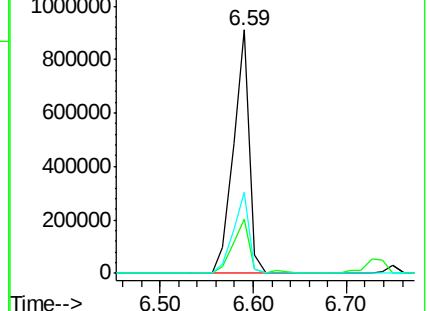
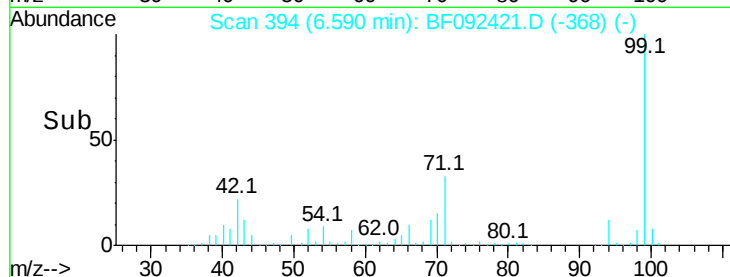
71 33.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.79 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

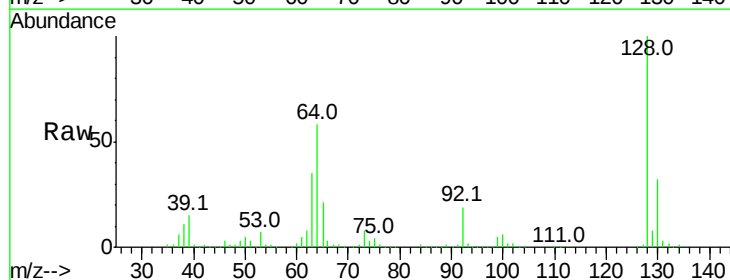
Tgt Ion: 128 Resp: 450635

Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

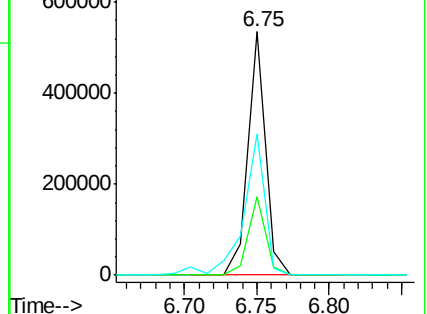
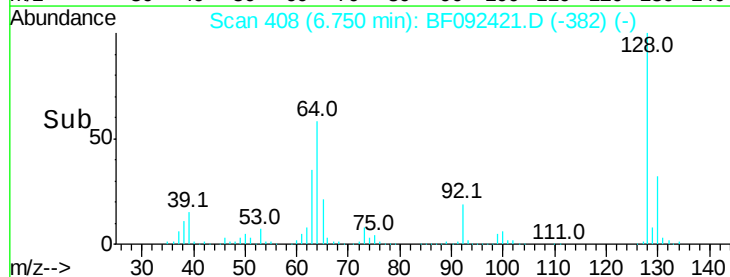
64 58.0 32.2 72.2

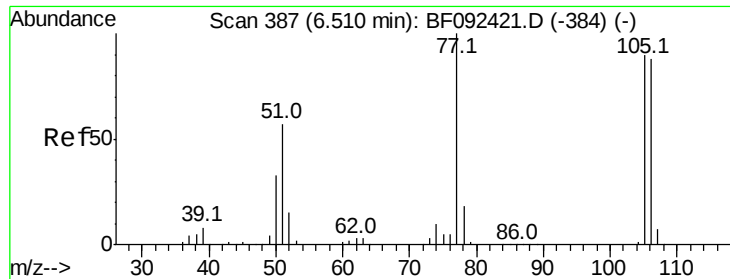


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 49.82 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

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SSTDICCC040

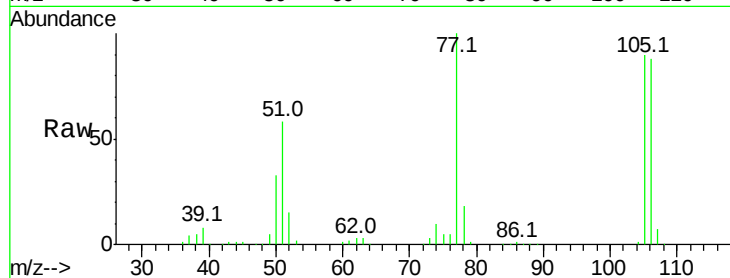
Tot Ion: 77 Resp: 374248

Ion Ratio Lower Upper

77 100

105 90.5 83.9 123.9

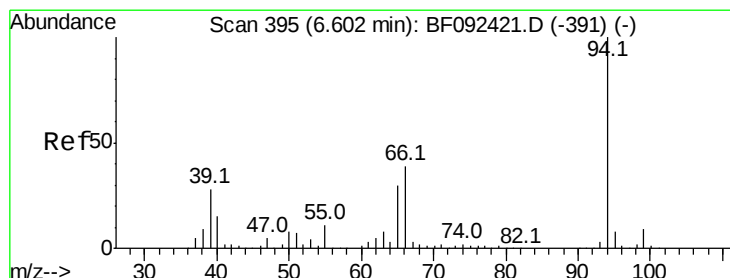
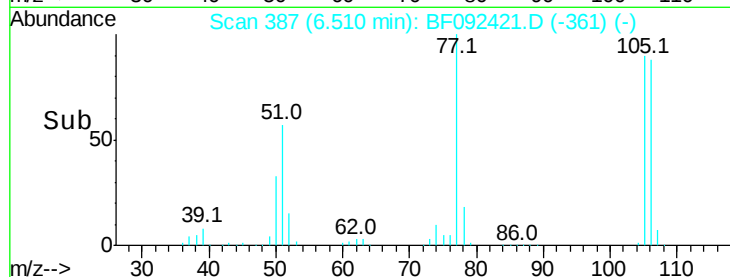
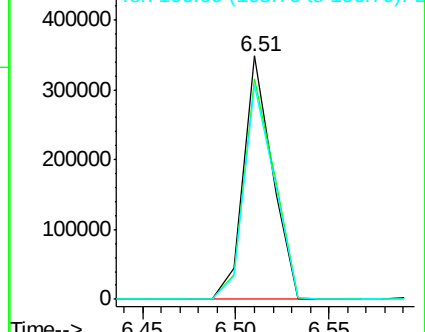
106 87.8 77.6 117.6



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: 49.24 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

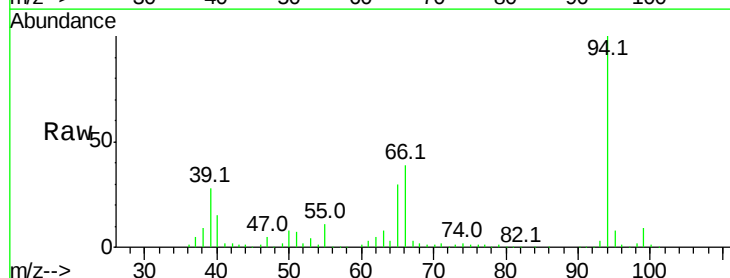
Tgt Ion: 94 Resp: 681951

Ion Ratio Lower Upper

94 100

65 30.3 21.4 61.4

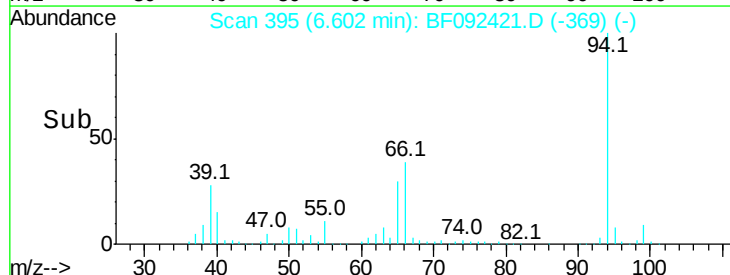
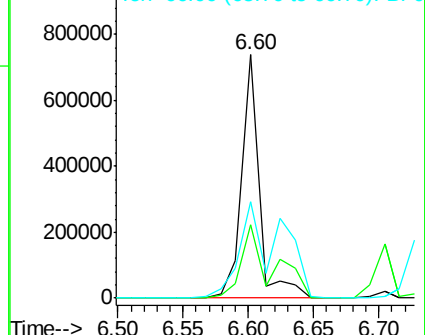
66 39.5 44.0 84.0#

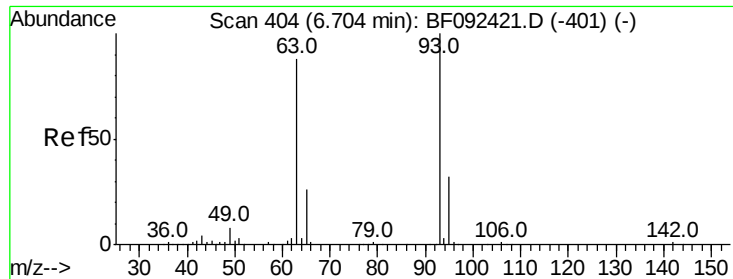


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.84 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

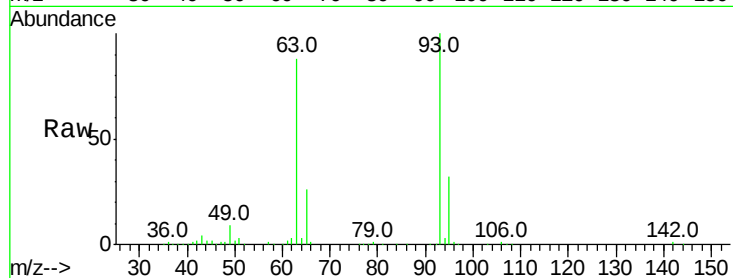
Tot Ion: 93 Resp: 516218

Ion Ratio Lower Upper

93 100

63 87.8 60.4 100.4

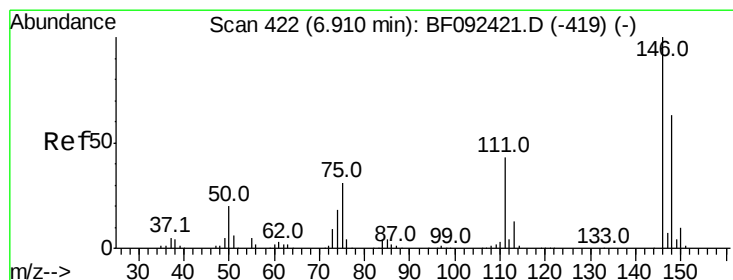
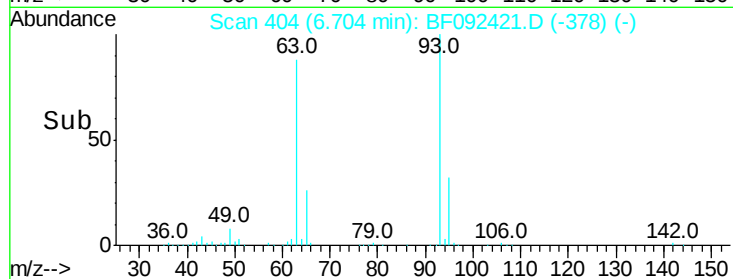
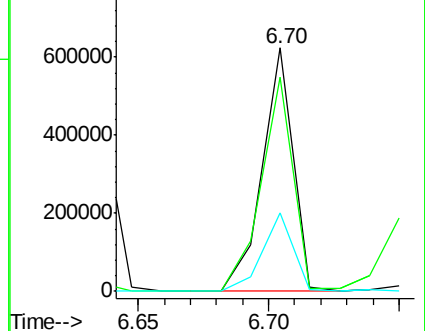
95 32.4 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.02 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

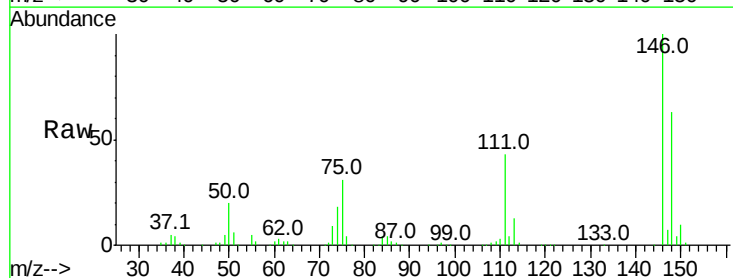
Tgt Ion: 146 Resp: 532185

Ion Ratio Lower Upper

146 100

148 63.0 53.4 80.0

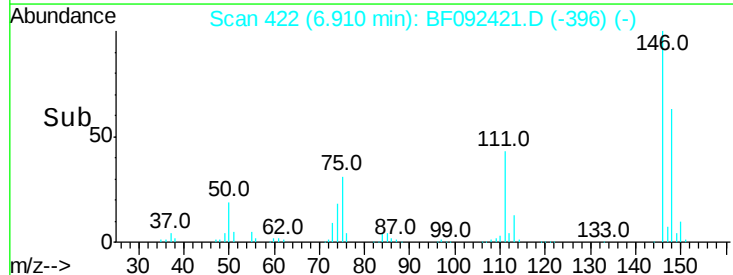
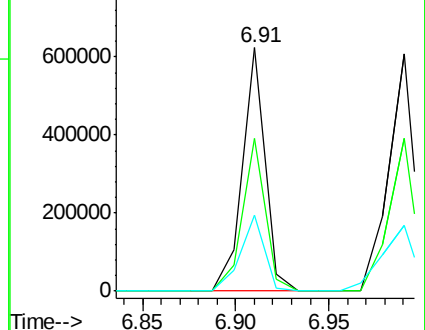
75 31.3 18.5 27.7#

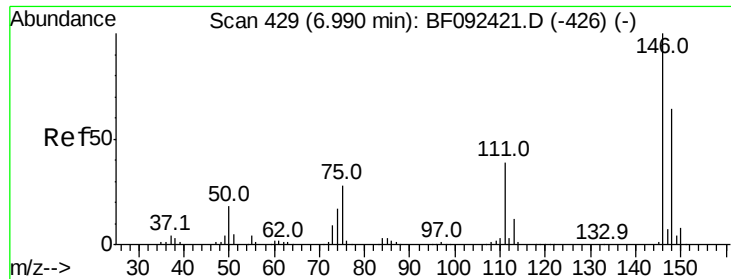


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

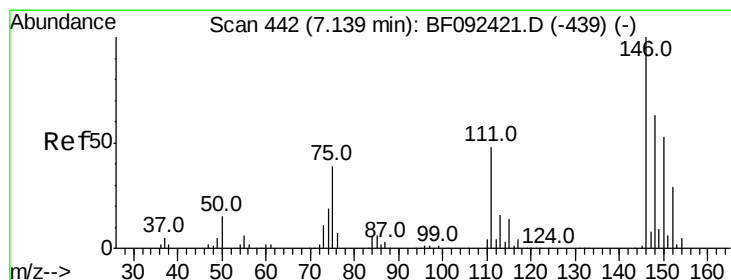
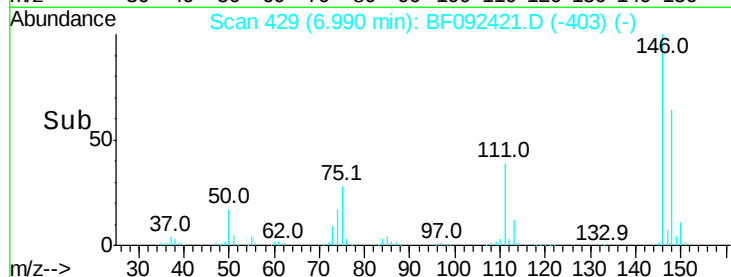
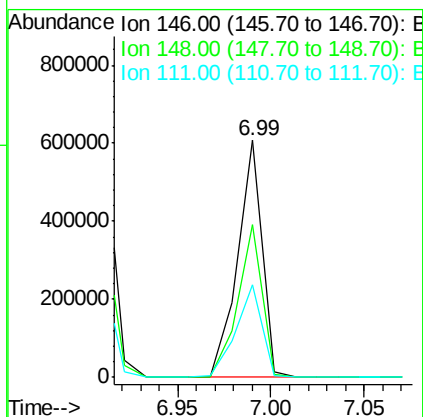
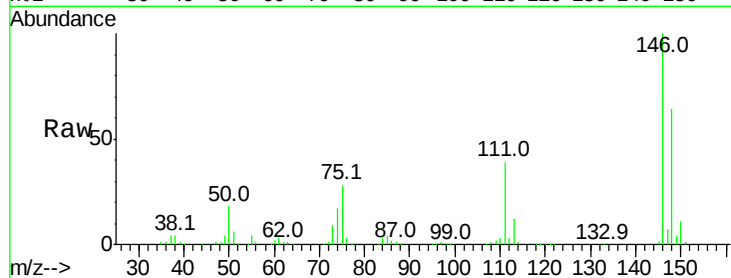




#13
 1,4-Dichlorobenzene
 Concen: 45.35 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

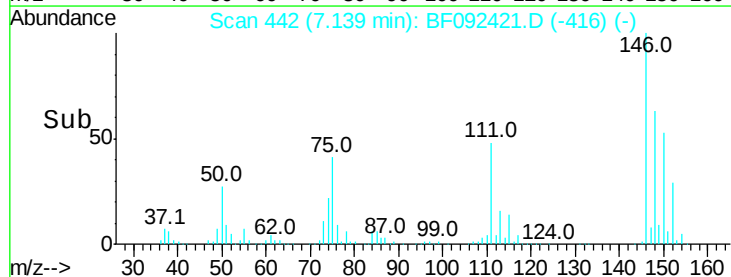
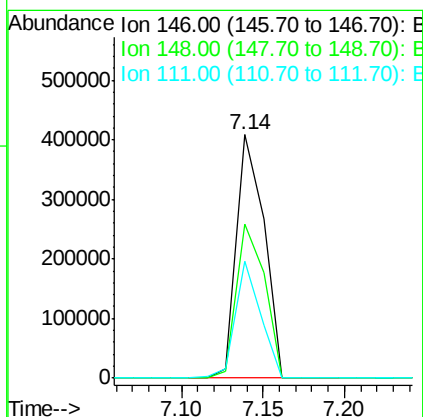
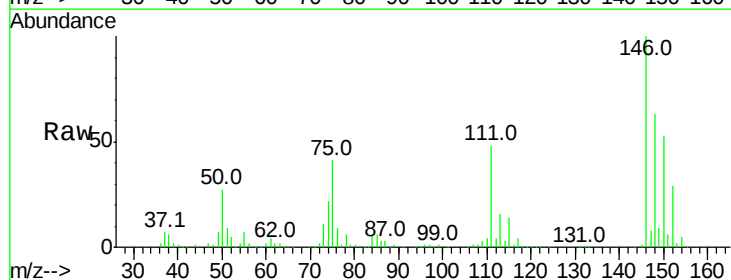
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

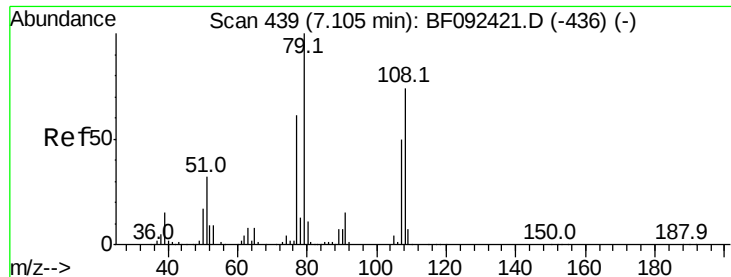
Tot Ion:146 Resp: 557968
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 76.0
 111 39.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 44.48 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion:146 Resp: 474900
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 48.1 36.2 54.2





#15

Benzyl Alcohol

Concen: 43.98 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

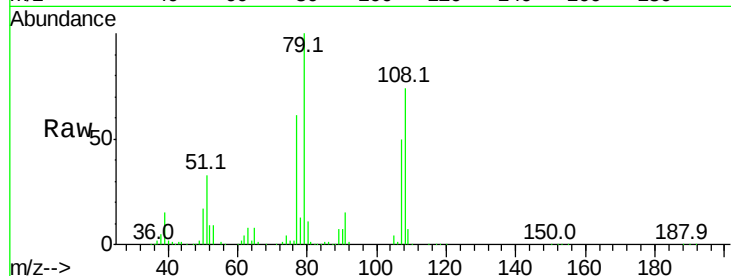
Tot Ion: 79 Resp: 415378

Ion Ratio Lower Upper

79 100

108 73.8 61.4 92.0

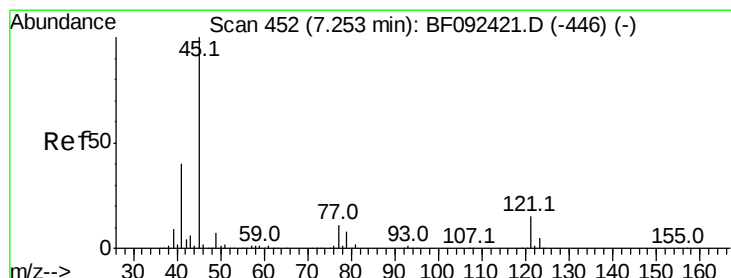
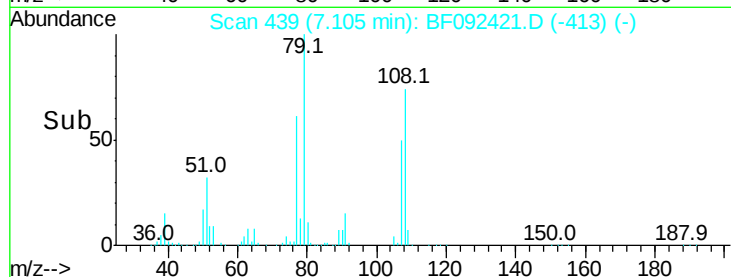
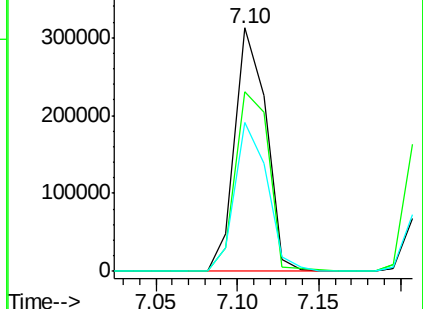
77 61.0 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.83 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

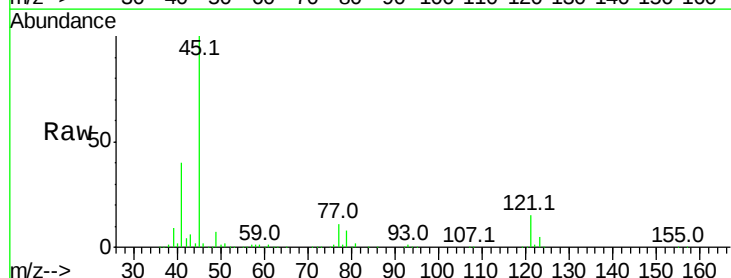
Tgt Ion: 45 Resp: 965568

Ion Ratio Lower Upper

45 100

77 10.8 0.0 34.6

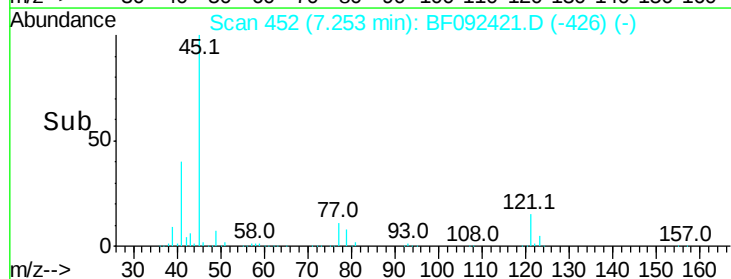
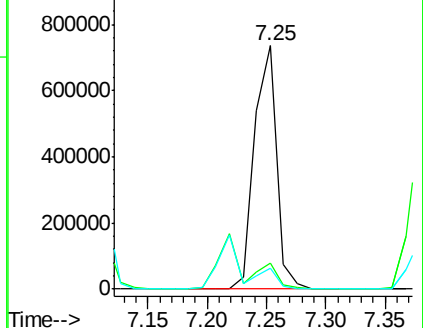
79 8.3 0.0 31.2

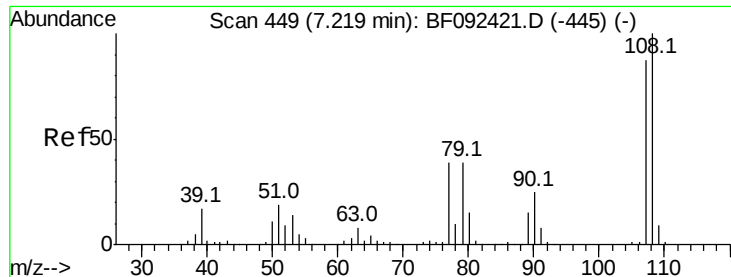


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

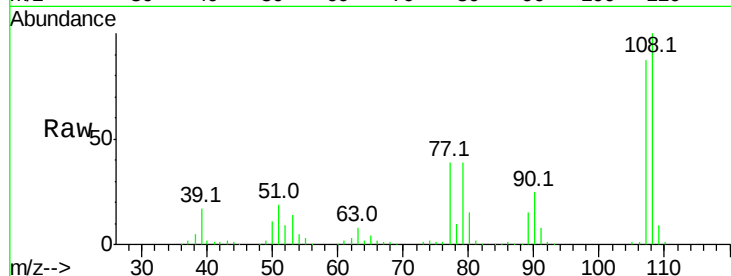




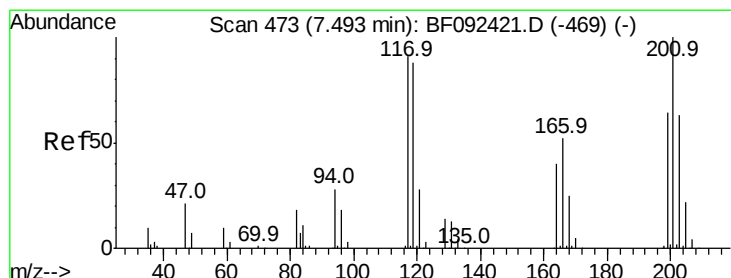
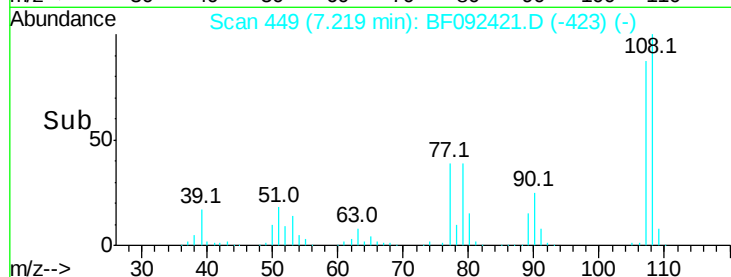
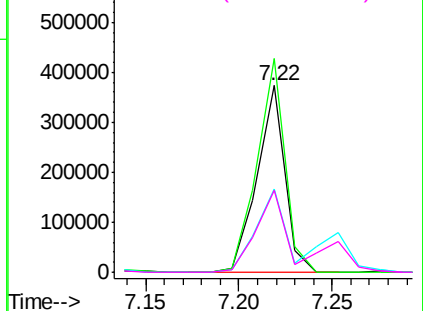
#17
2-Methylphenol
Concen: 42.81 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.0	139.6
77	44.8	39.8	59.8
79	44.2	38.0	57.0

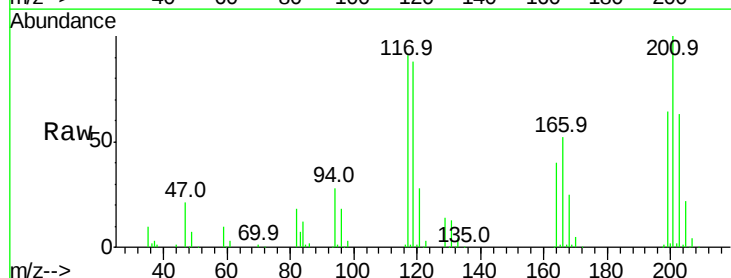


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

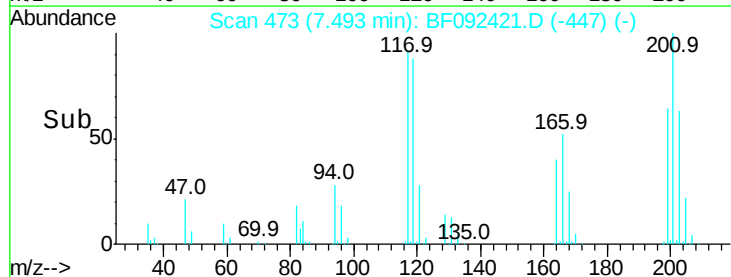
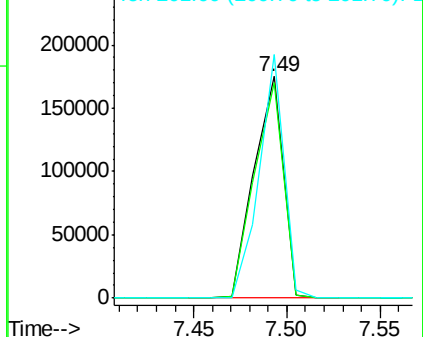


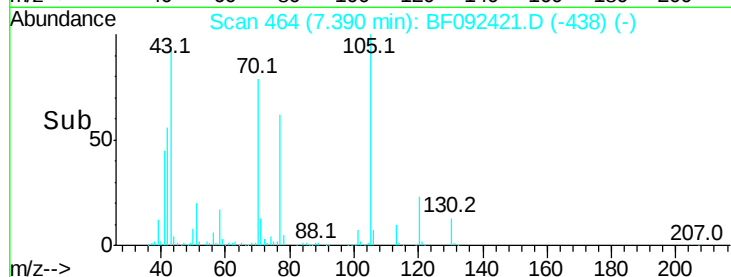
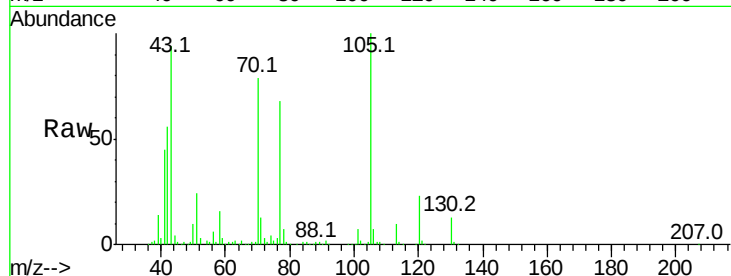
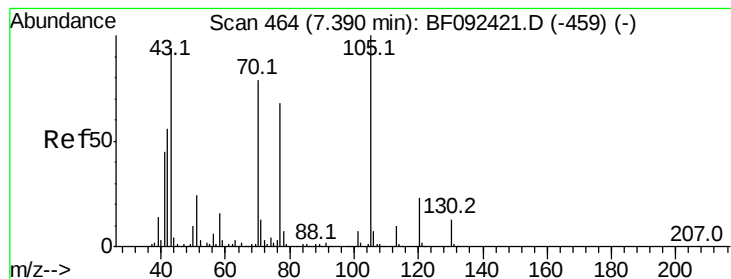
#18
Hexachloroethane
Concen: 41.53 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.1	117.1
201	109.8	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.58 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 70 Resp: 360487

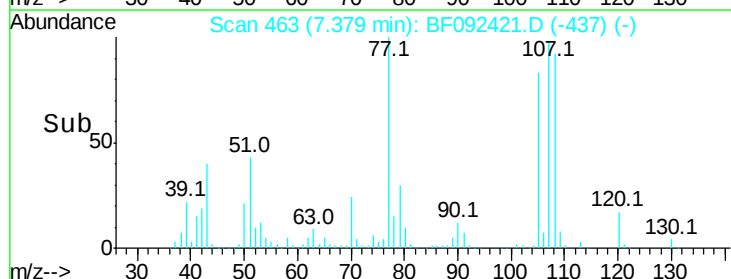
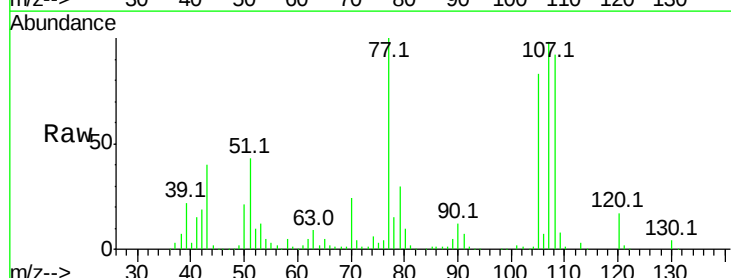
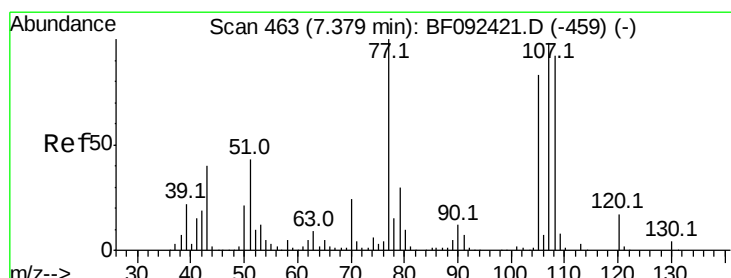
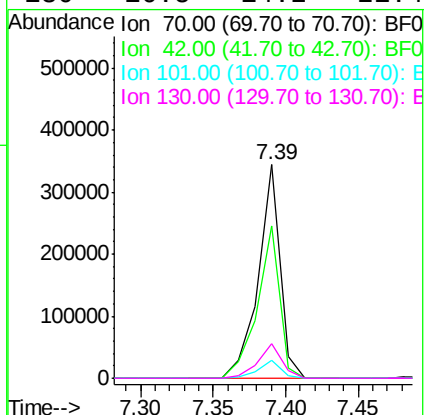
Ion Ratio Lower Upper

70 100

42 71.3 49.4 74.0

101 8.7 7.4 11.2

130 16.5 14.2 21.4



#20

3+4-Methylphenols

Concen: 45.47 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion: 107 Resp: 493902

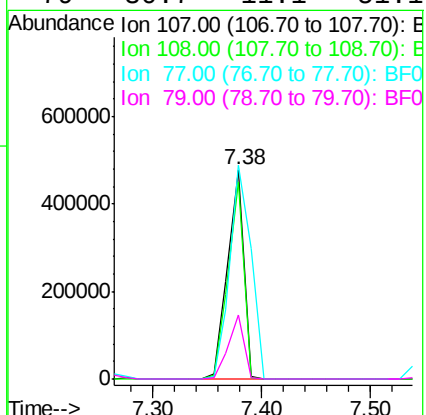
Ion Ratio Lower Upper

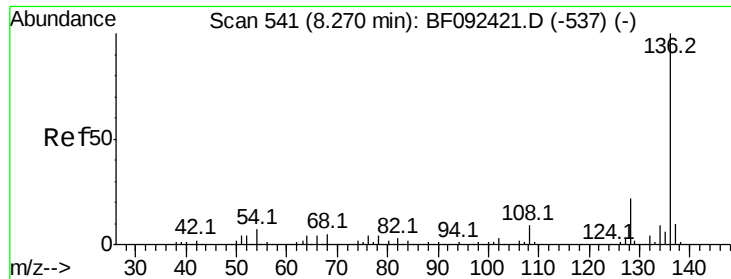
107 100

108 94.3 73.0 113.0

77 102.1 71.3 111.3

79 30.7 11.1 51.1

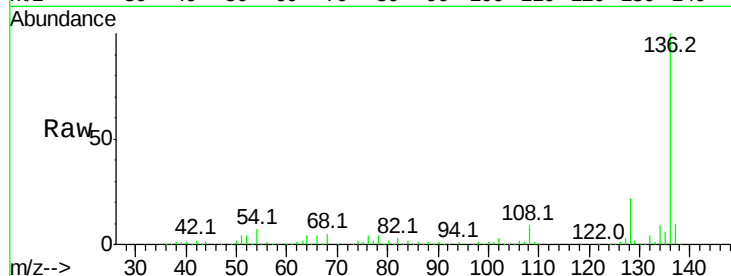




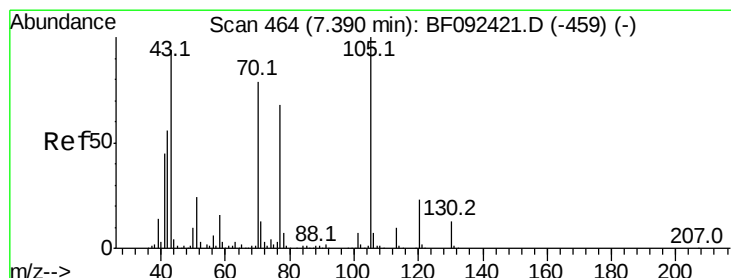
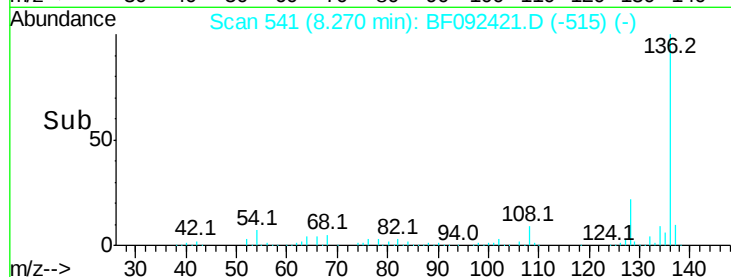
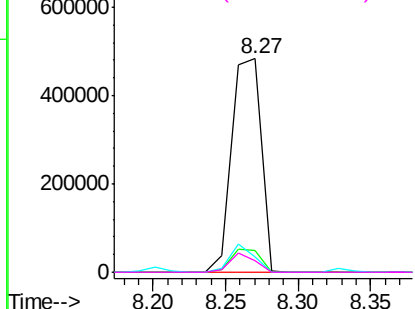
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:136	Resp: 683154
Ion Ratio	Lower Upper
136 100	
137 10.4	8.4 12.6
54 7.1	4.5 6.7#
68 5.4	3.6 5.4#

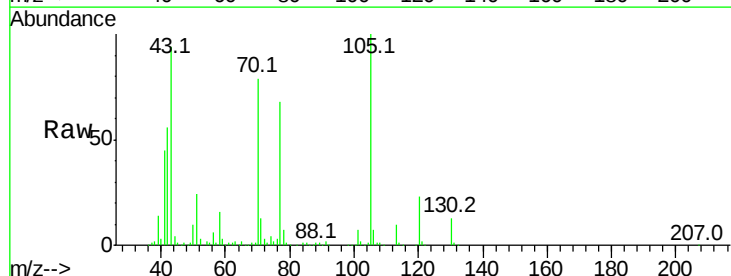


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

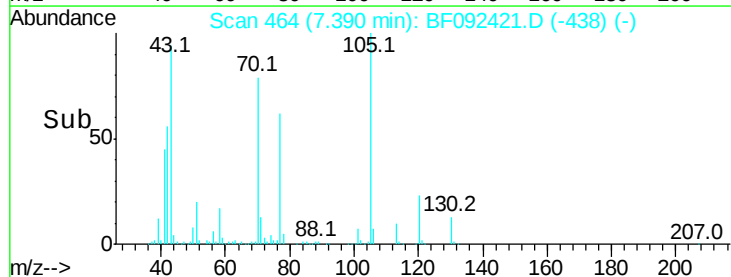
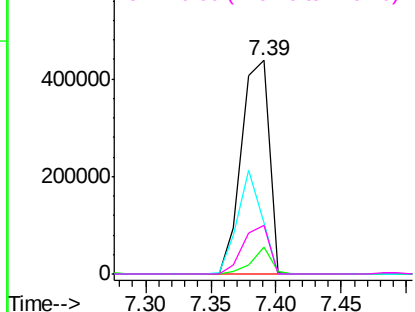


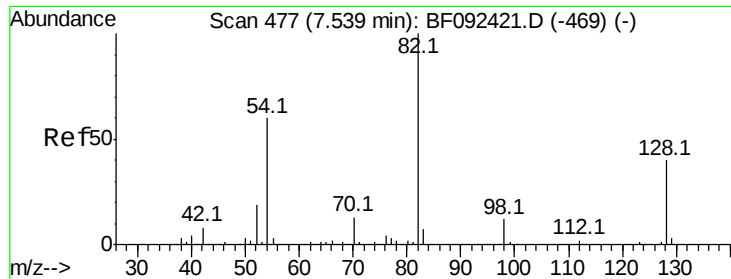
#22
Acetophenone
Concen: 38.34 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt	Ion:105	Resp:	646016
Ion	Ratio	Lower	Upper
105	100		
71	12.9	3.2	4.8#
51	23.9	26.2	39.4#
120	22.8	16.6	24.8



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

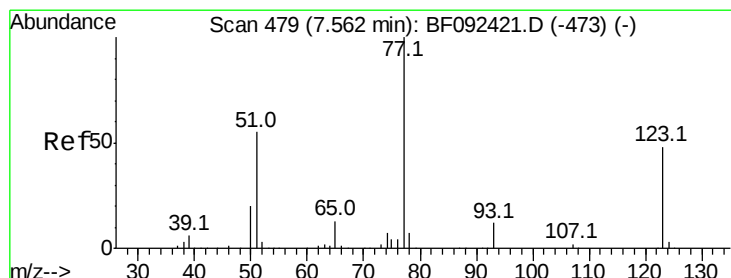
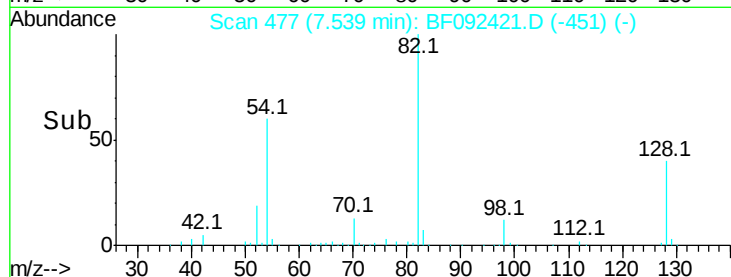
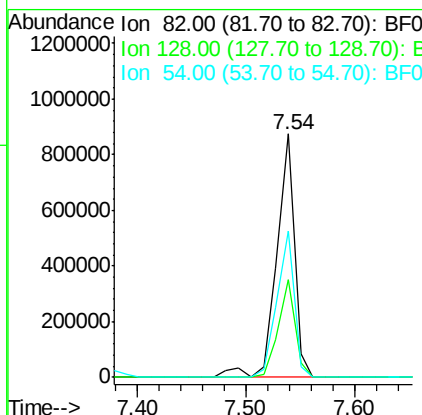
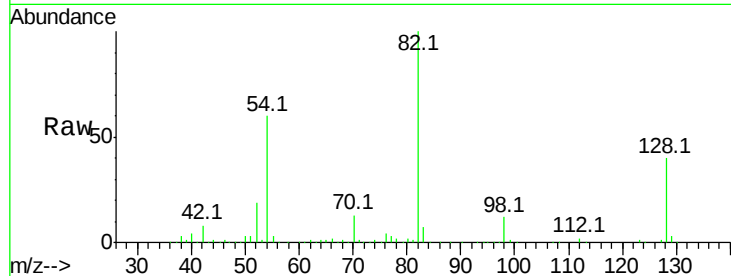




#23
Nitrobenzene-d5
Concen: 80.97 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

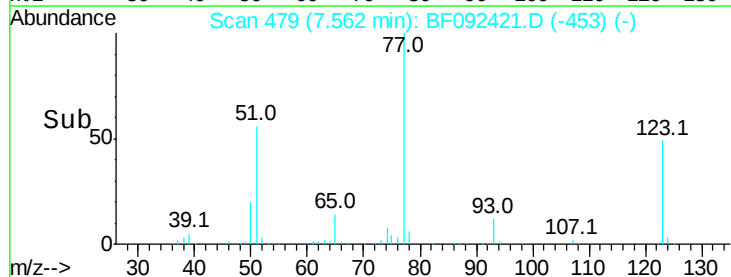
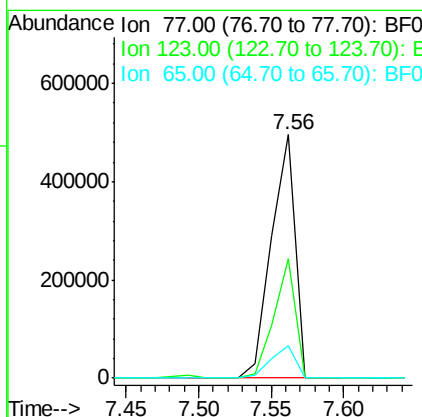
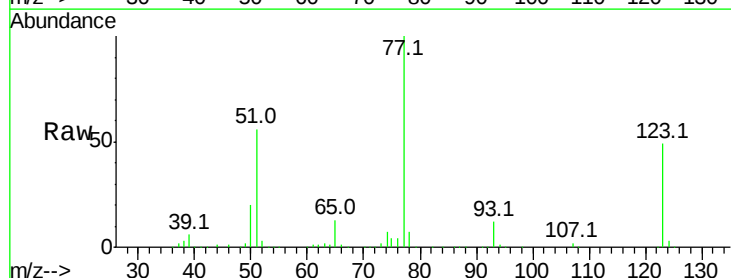
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

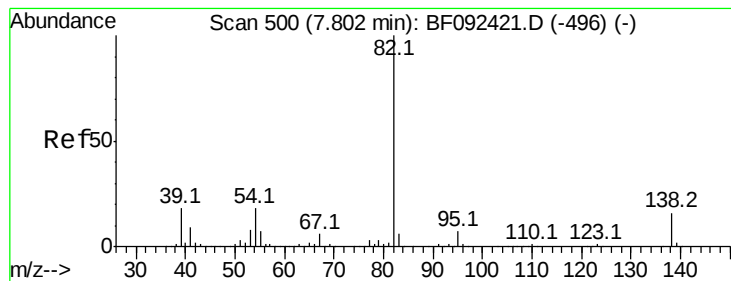
Tot Ion	82	Resp	994787
Ion Ratio	Lower	Upper	
82	100		
128	40.4	34.6	52.0
54	60.2	39.5	59.3#



#24
Nitrobenzene
Concen: 42.88 ng
RT: 7.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	77	Resp	561095
Ion Ratio	Lower	Upper	
77	100		
123	49.1	33.0	49.4
65	13.4	11.2	16.8





#25

Isophorone

Concen: 42.89 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

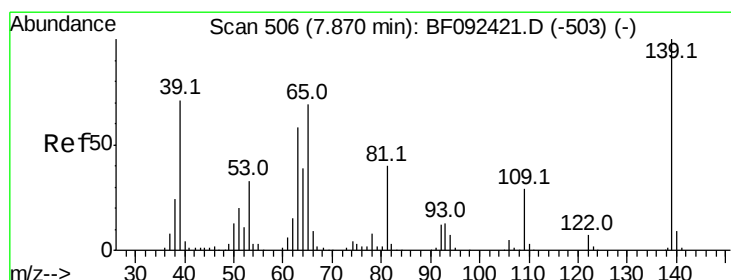
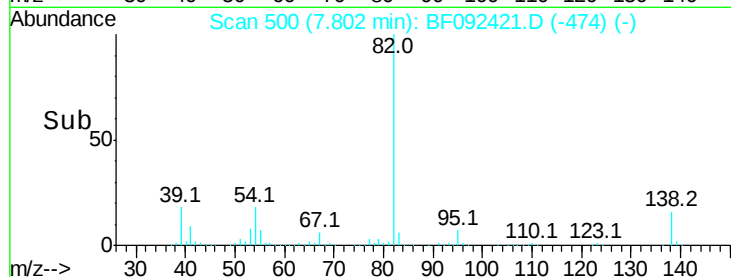
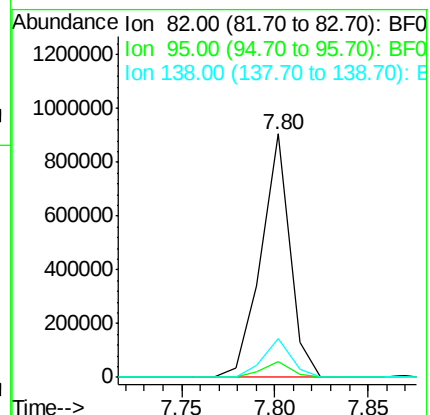
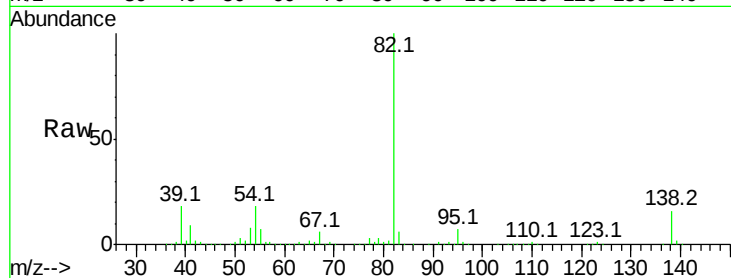
Tot Ion: 82 Resp: 972220

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.0 14.6 22.0



#26

2-Nitrophenol

Concen: 33.11 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

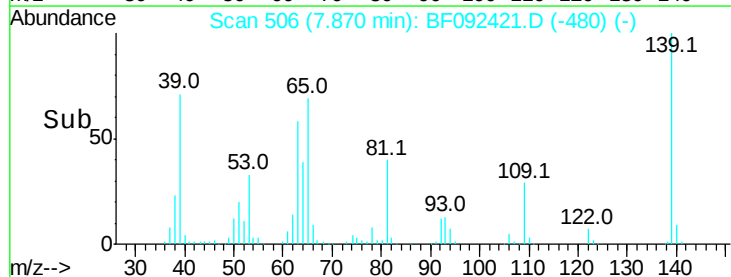
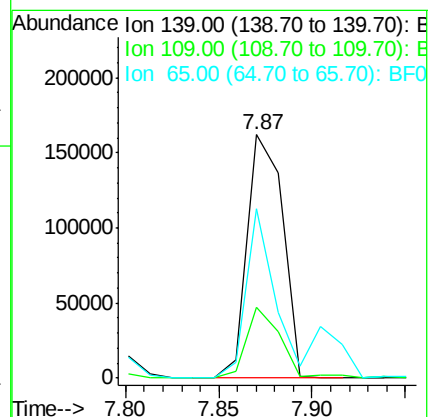
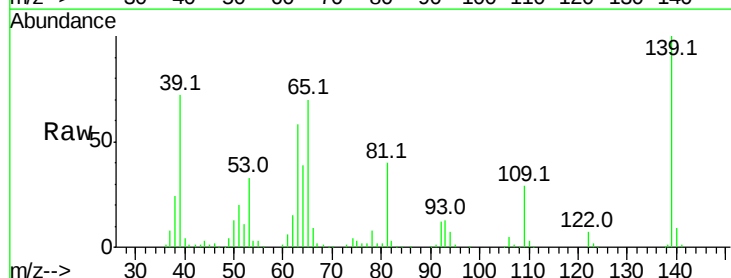
Tgt Ion: 139 Resp: 213629

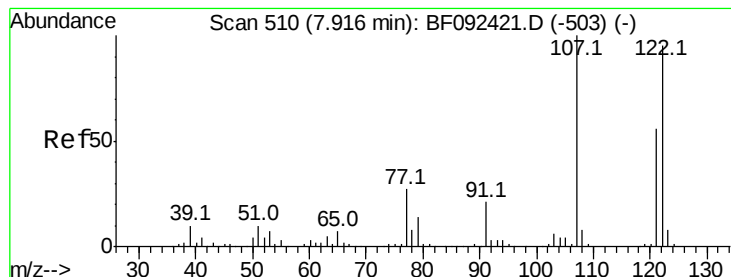
Ion Ratio Lower Upper

139 100

109 29.2 23.3 34.9

65 69.7 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 41.63 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

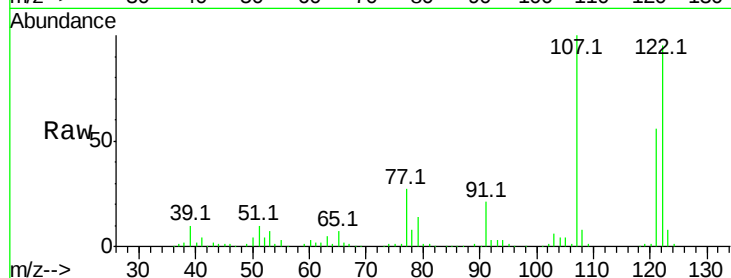
Tot Ion:122 Resp: 445505

Ion Ratio Lower Upper

122 100

107 105.4 94.1 141.1

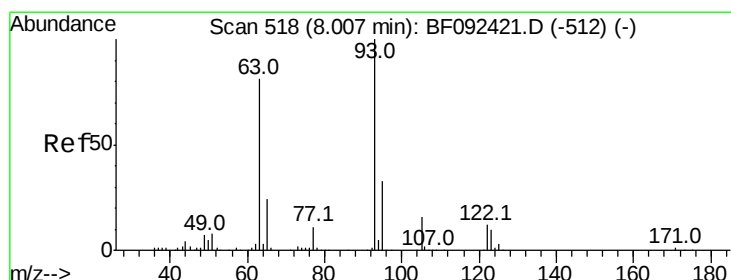
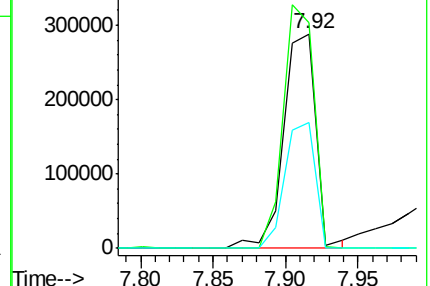
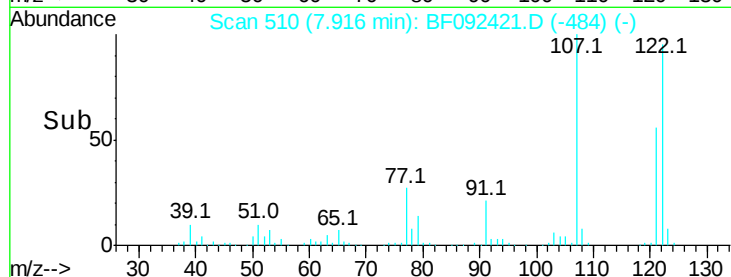
121 59.0 46.0 69.0



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: 43.66 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

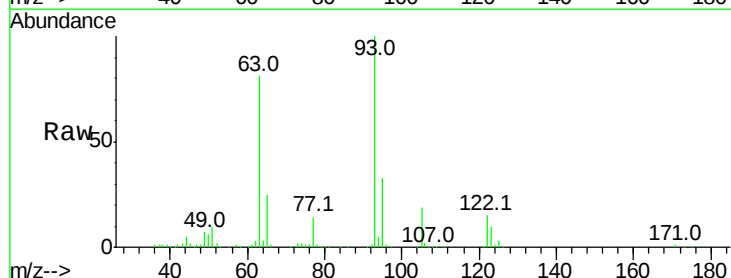
Tgt Ion: 93 Resp: 600080

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

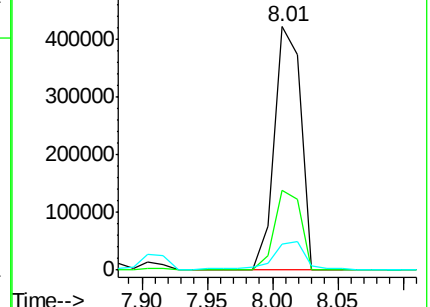
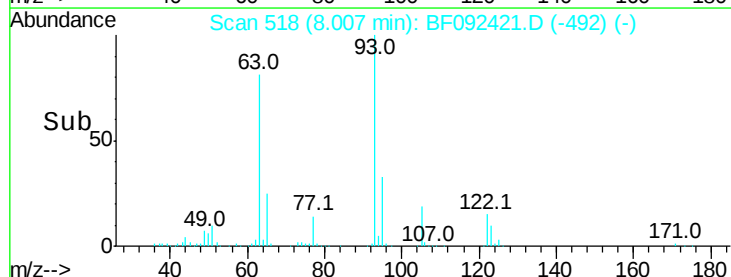
123 10.4 8.6 13.0

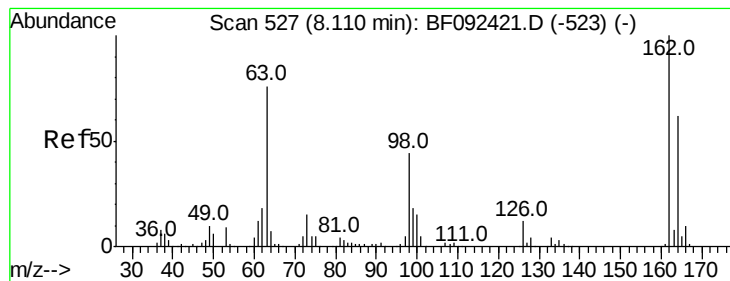


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.98 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

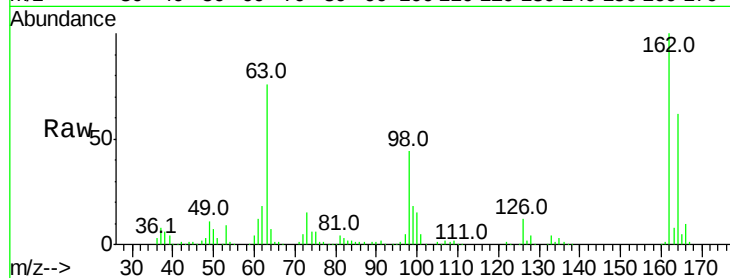
Tot Ion:162 Resp: 389561

Ion Ratio Lower Upper

162 100

164 62.5 46.8 86.8

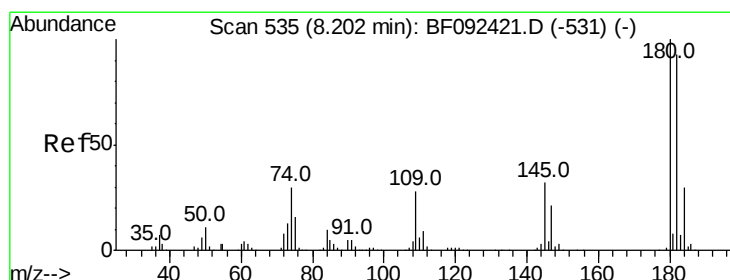
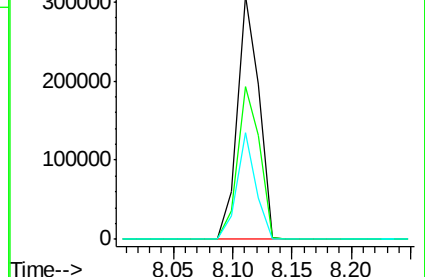
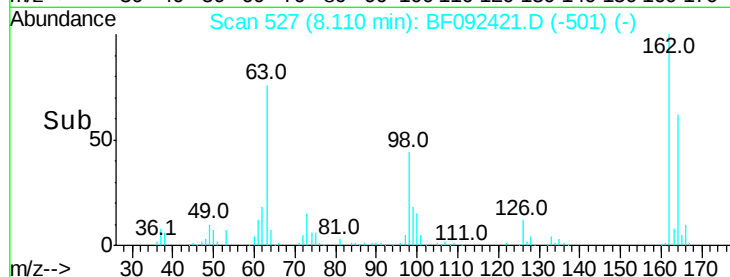
98 43.7 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.47 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

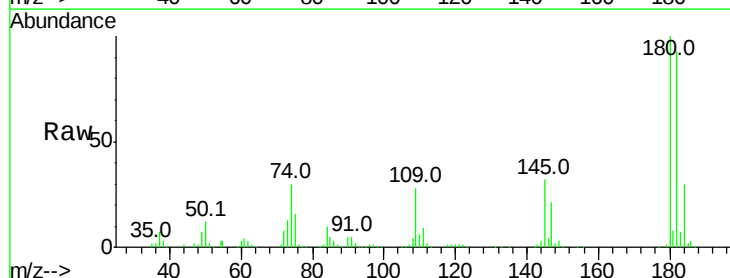
Tgt Ion:180 Resp: 401867

Ion Ratio Lower Upper

180 100

182 92.7 78.2 117.4

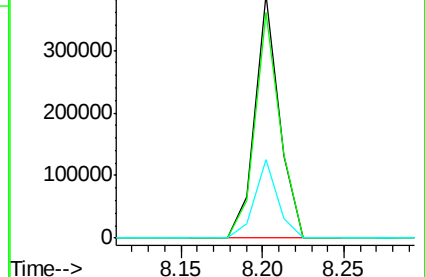
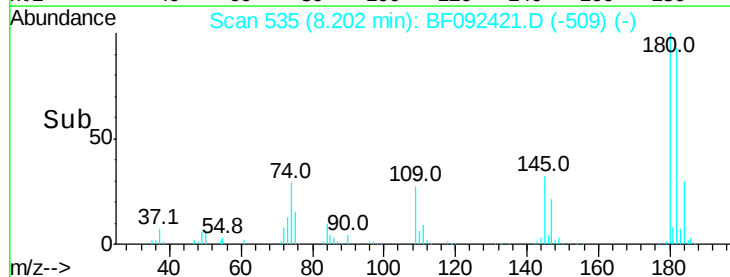
145 32.3 21.6 32.4

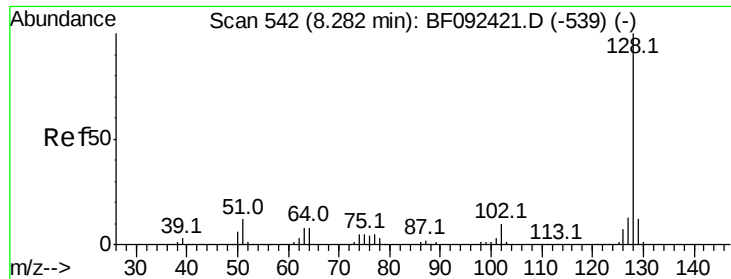


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

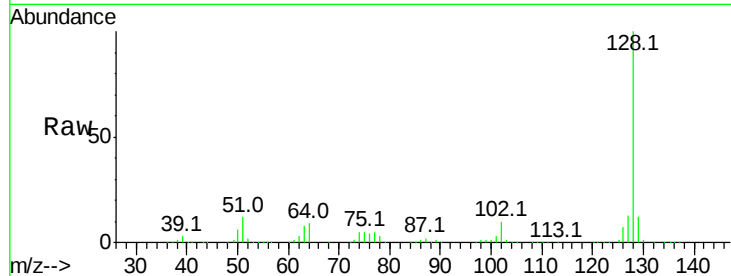




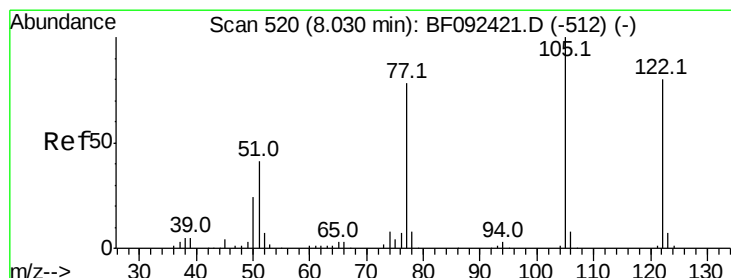
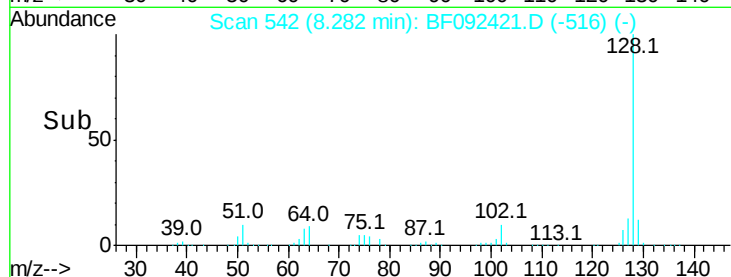
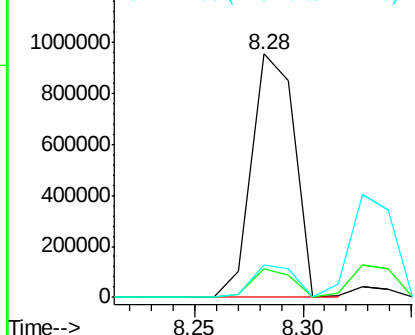
#31
Naphthalene
Concen: 42.06 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:128 Resp: 1315154
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.4 10.8 16.2

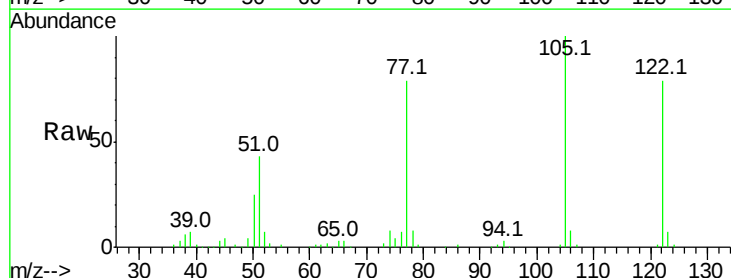


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

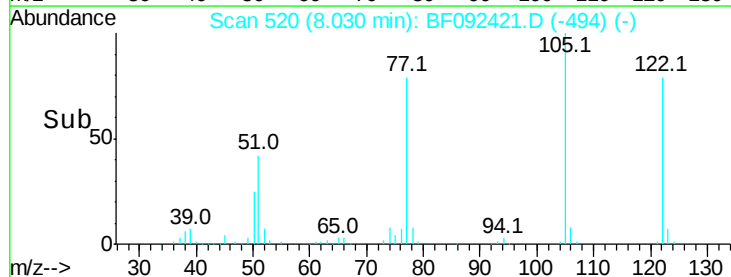
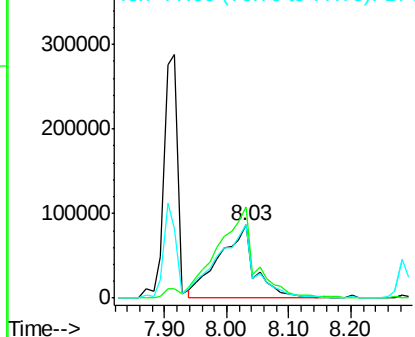


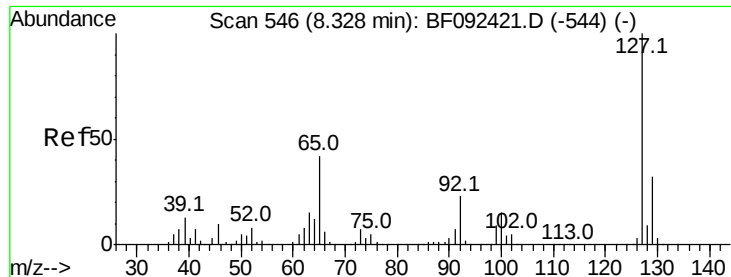
#32
Benzoic acid
Concen: 43.29 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion:122 Resp: 343608
Ion Ratio Lower Upper
122 100
105 125.9 107.2 147.2
77 100.1 74.5 114.5



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

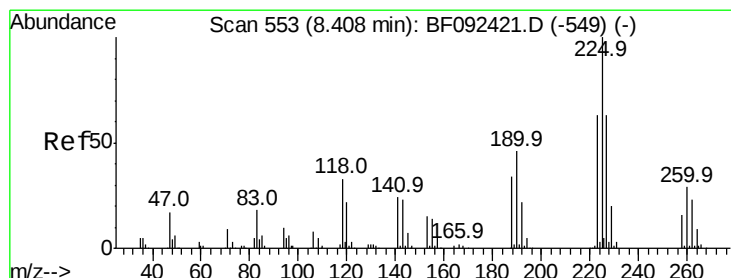
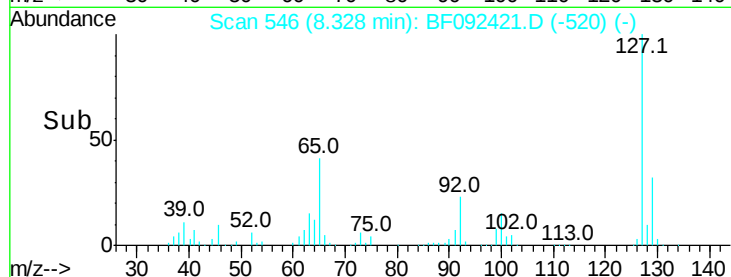
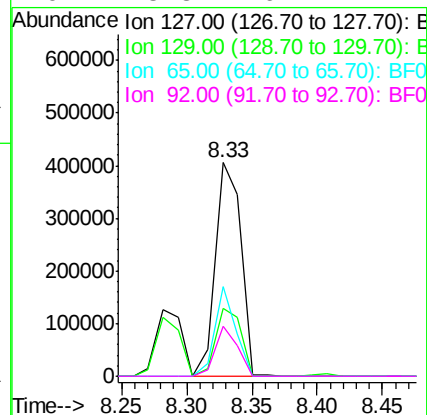
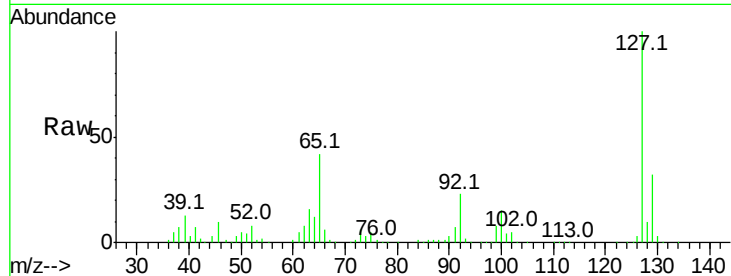




#33
4-Chloroaniline
Concen: 39.28 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

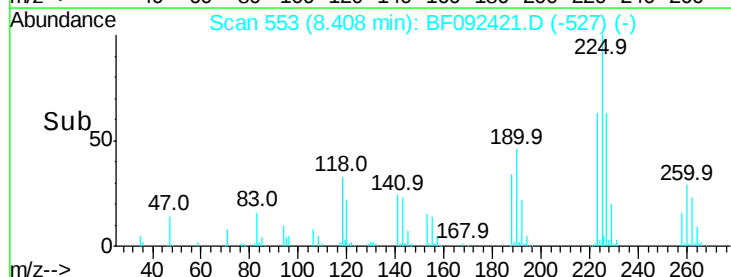
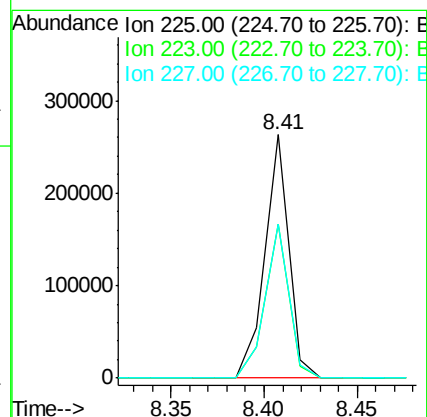
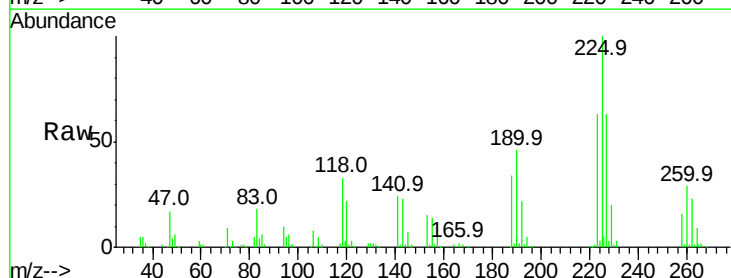
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

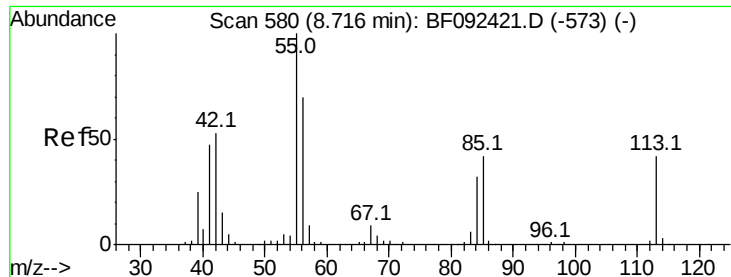
Tot Ion:	127	Resp:	553777
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	42.2	25.8	38.8
92	23.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.10 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion:	225	Resp:	231182
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	63.1	50.6	76.0





#35

Caprolactam

Concen: 45.00 ng

RT: 8.72 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

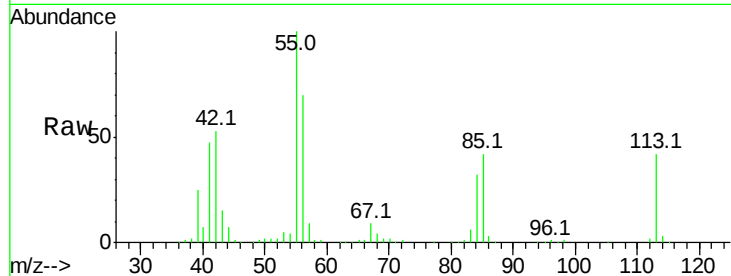
Tot Ion:113 Resp: 134007

Ion Ratio Lower Upper

113 100

55 235.5 119.2 159.2#

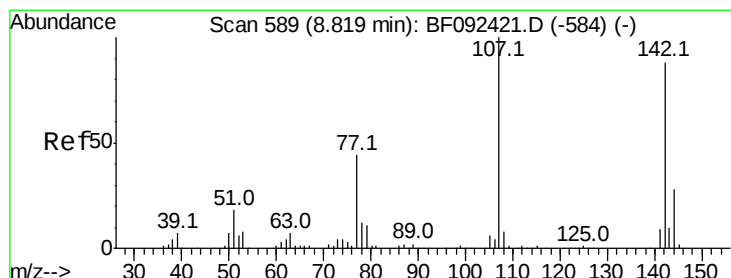
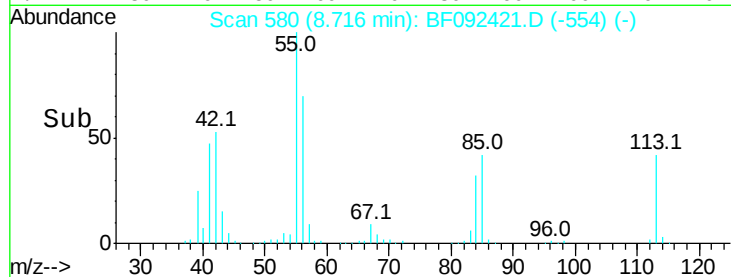
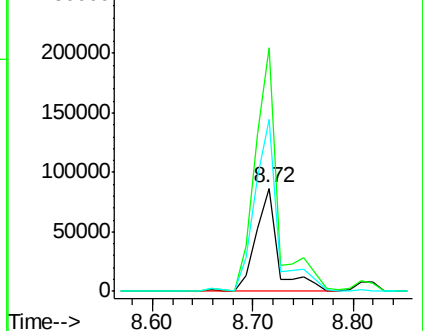
56 165.9 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.29 ng

RT: 8.82 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

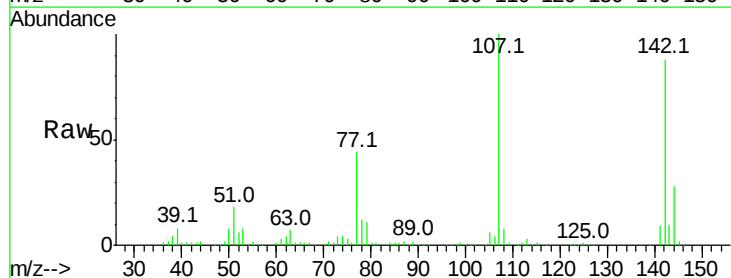
Tgt Ion:107 Resp: 441022

Ion Ratio Lower Upper

107 100

144 28.5 19.3 28.9

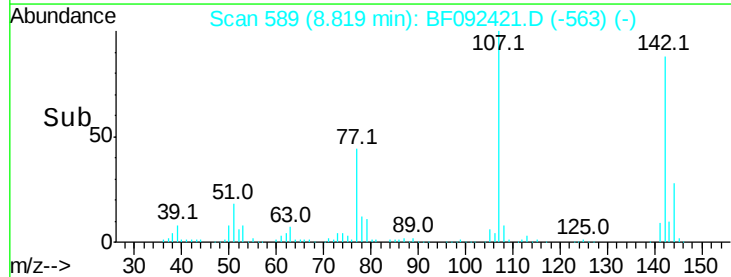
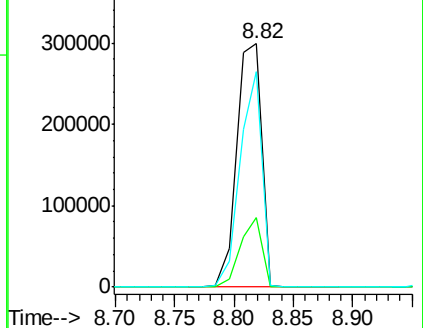
142 88.3 59.0 88.6

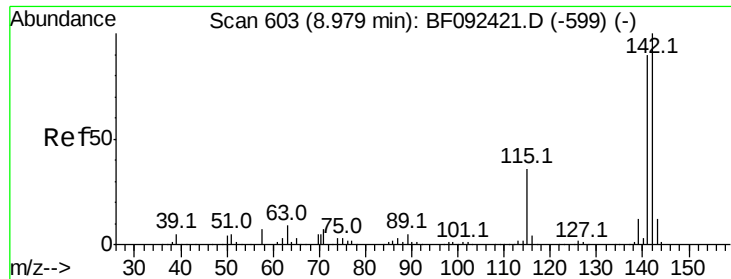


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

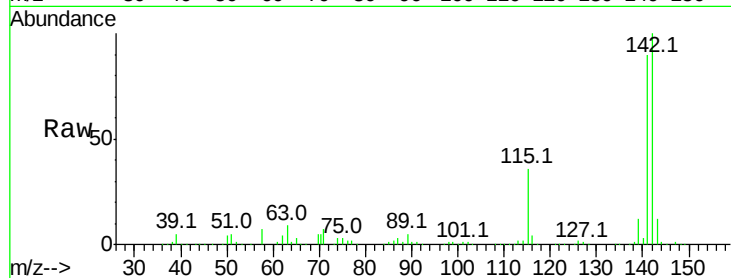




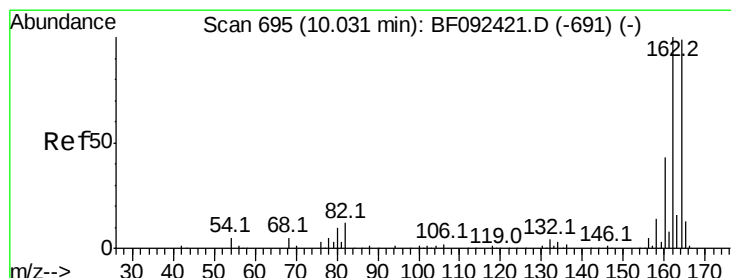
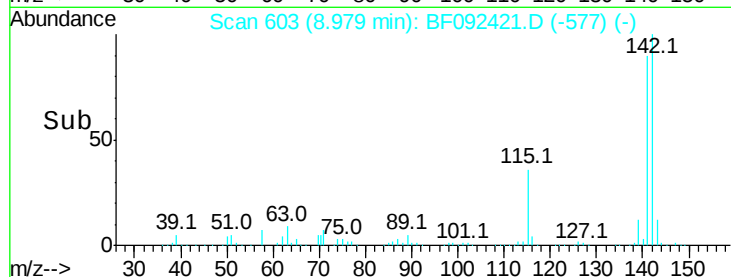
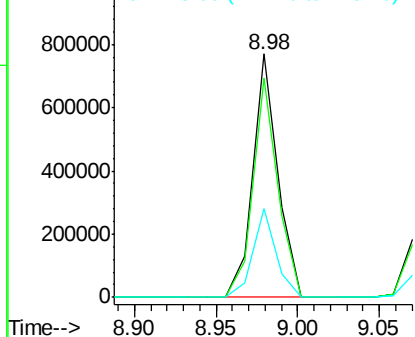
#37
2-Methylnaphthalene
Concen: 37.99 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:142 Resp: 814523
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 36.2 28.3 42.5

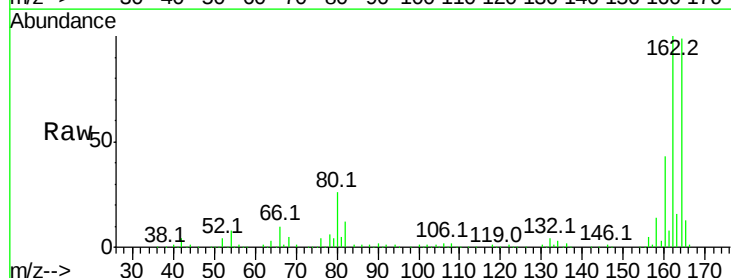


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

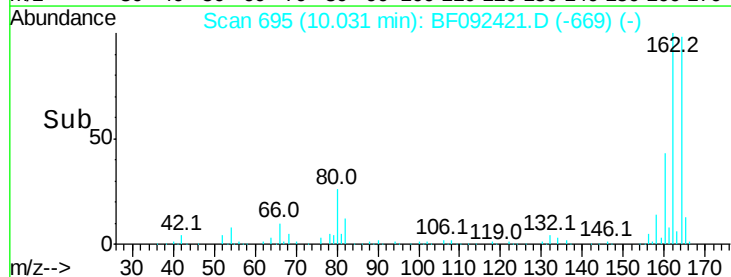
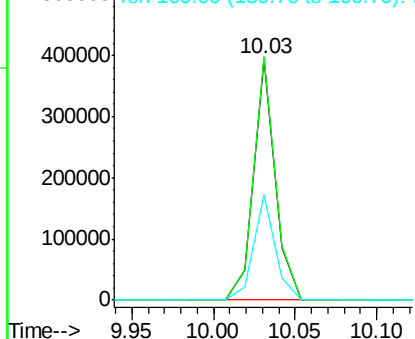


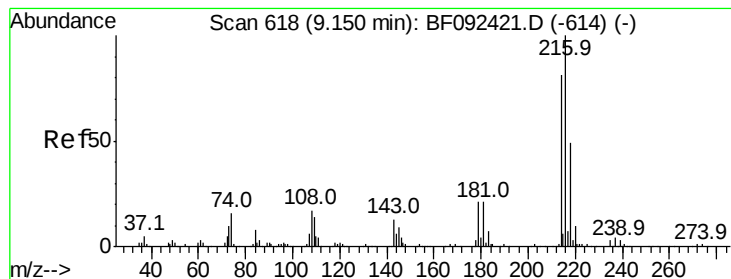
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion:164 Resp: 364917
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 43.5 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: 41.94 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:216 Resp: 386637

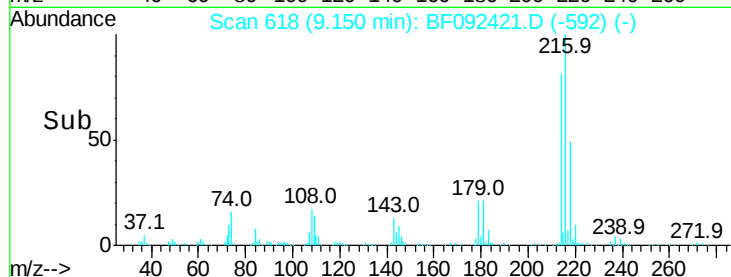
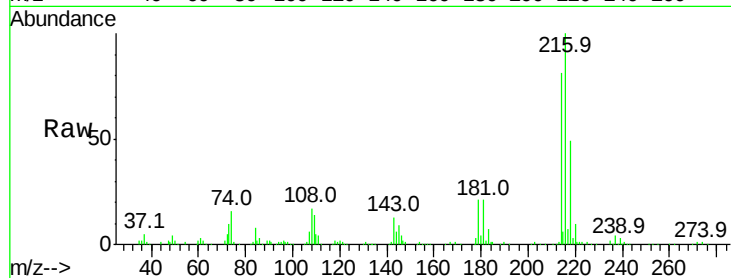
Ion Ratio Lower Upper

216 100

214 81.0 63.4 95.0

179 21.8 17.4 26.2

108 21.1 15.6 23.4

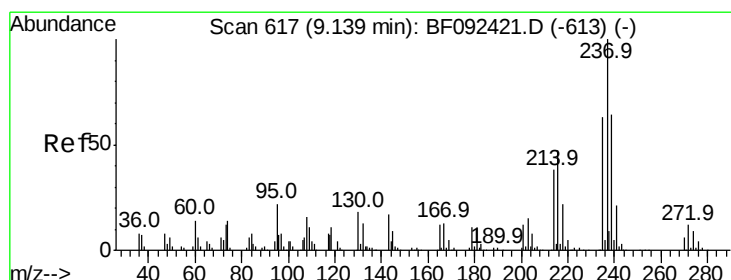
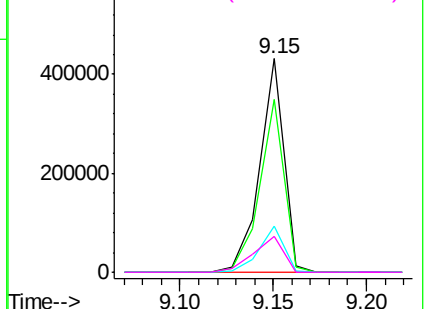


Abundance Ion 216.00 (215.70 to 216.70): E

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: 55.35 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

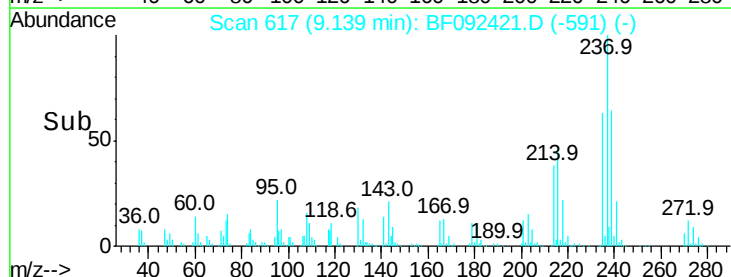
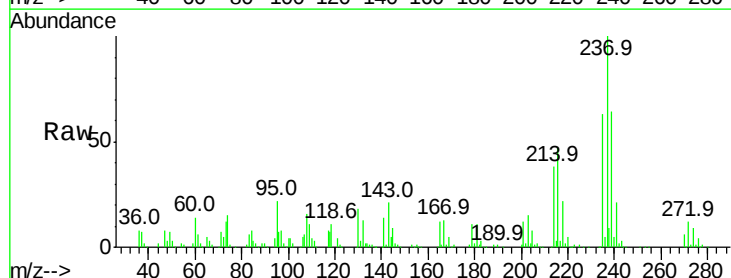
Tgt Ion:237 Resp: 200702

Ion Ratio Lower Upper

237 100

235 62.5 41.2 81.2

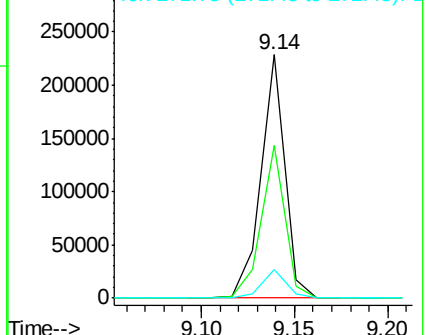
272 11.7 0.0 35.4

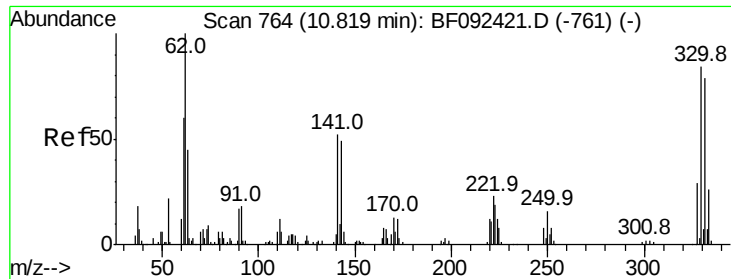


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

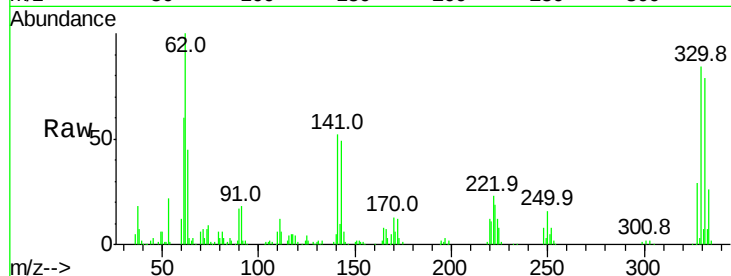




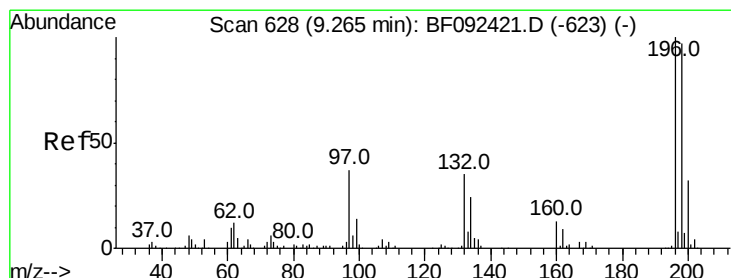
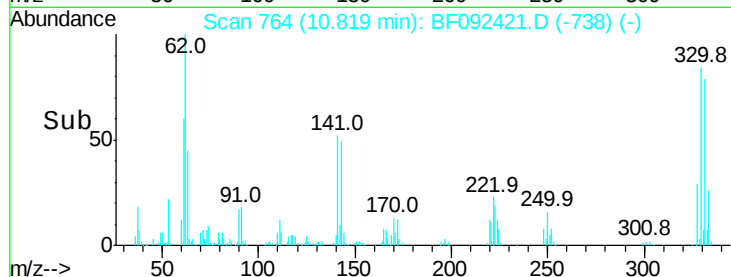
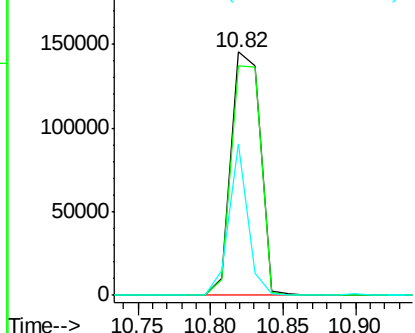
#41
 2,4,6-Tribromophenol
 Concen: 67.13 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	40.4	34.1	51.1

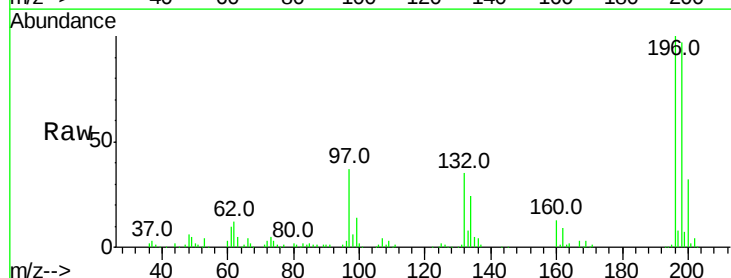


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

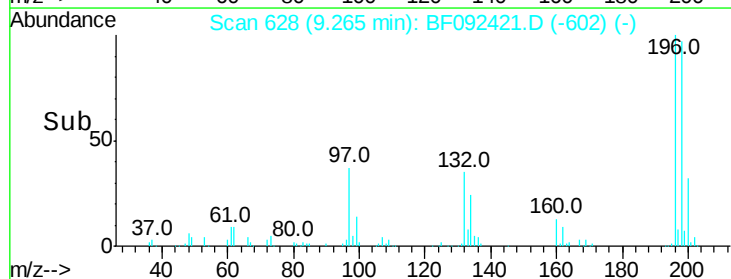
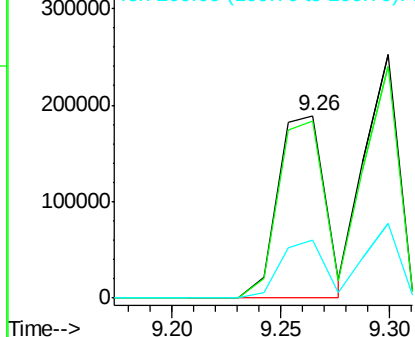


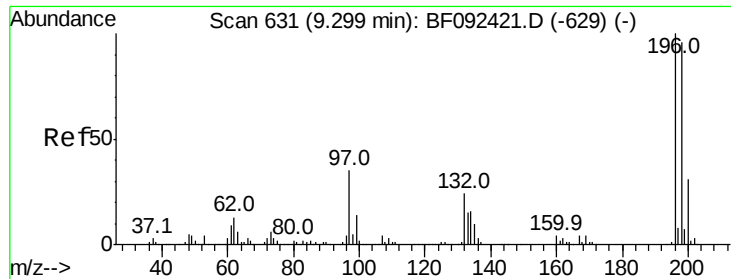
#42
 2,4,6-Trichlorophenol
 Concen: 43.79 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	82.1	123.1
200	32.0	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: 41.89 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:196 Resp: 277987

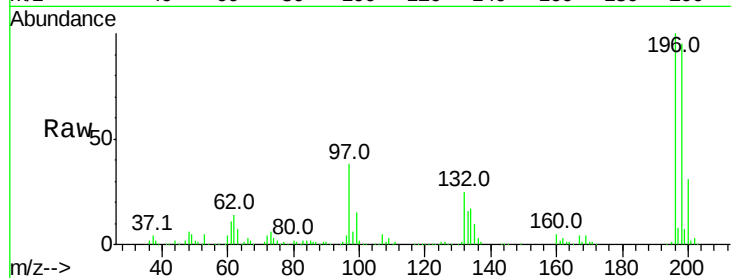
Ion Ratio Lower Upper

196 100

198 95.4 79.4 119.2

97 38.4 51.5 77.3#

132 24.8 27.4 41.2#

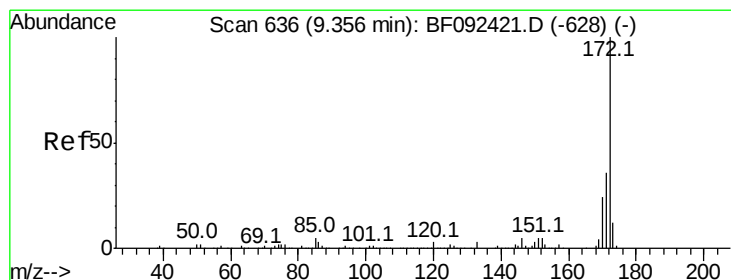
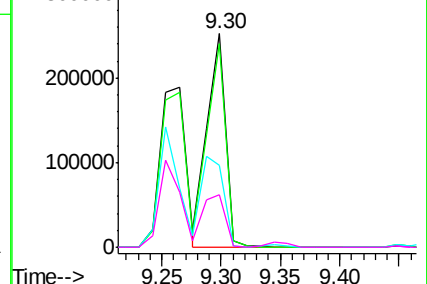
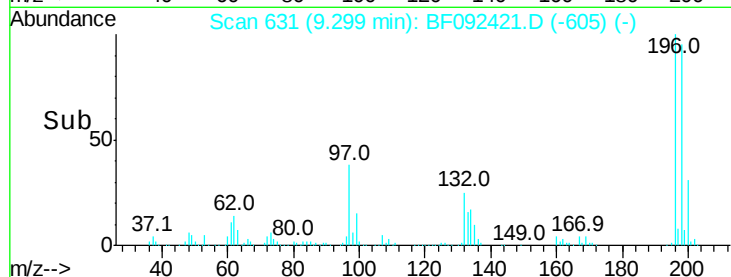


Abundance Ion 196.00 (195.70 to 196.70): E

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: 87.56 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

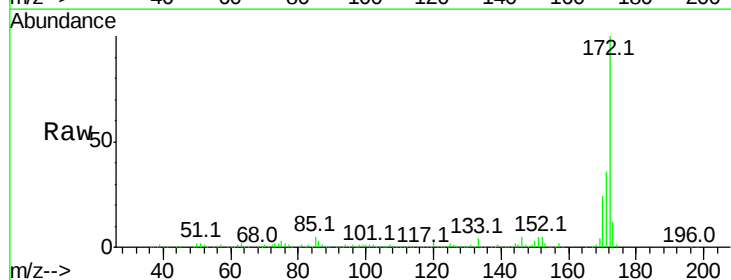
Tgt Ion:172 Resp: 1664437

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

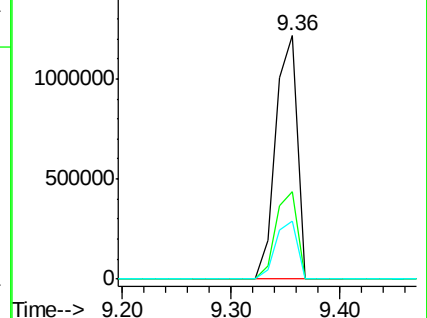
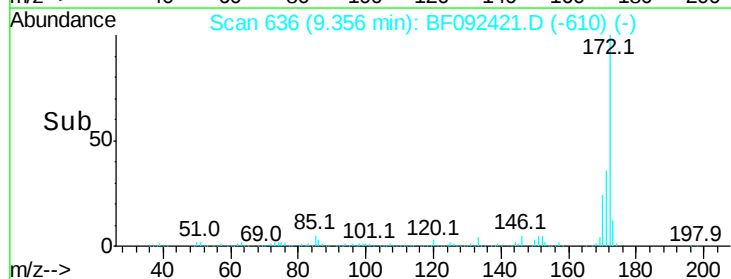
170 24.0 20.2 30.4

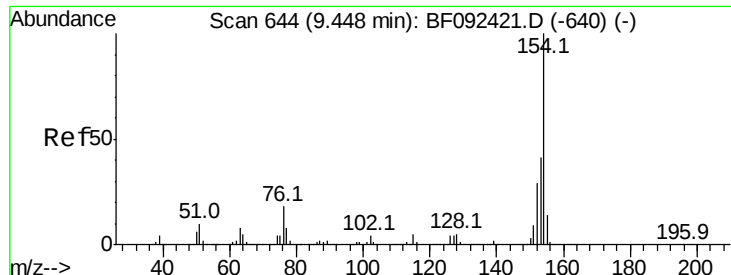


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

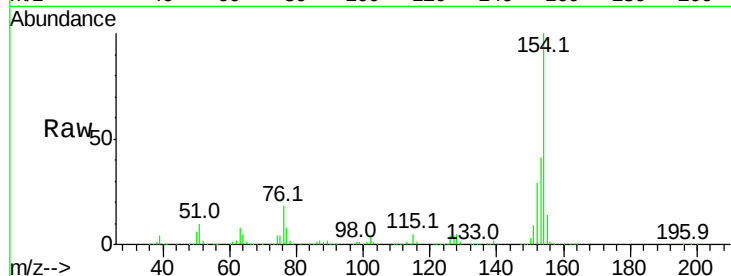




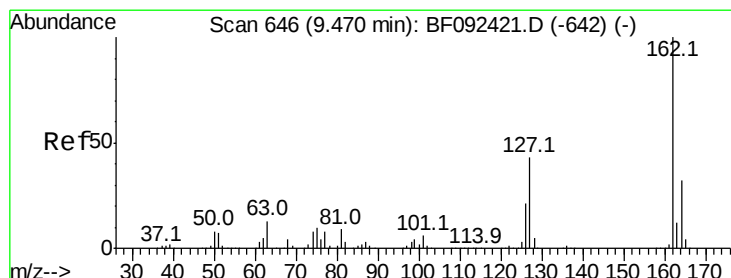
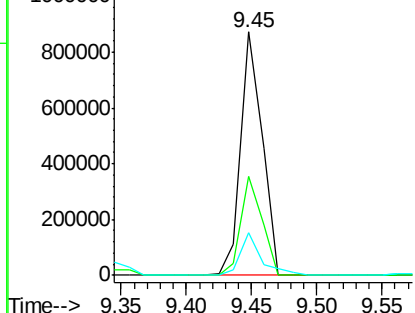
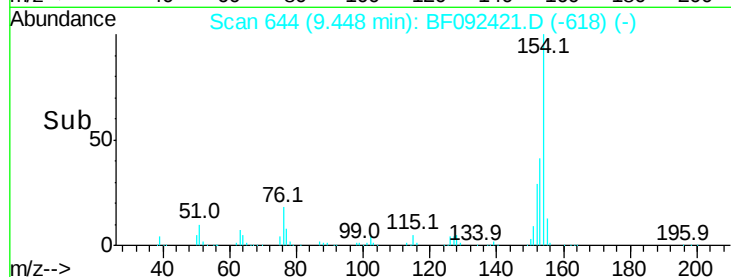
#45
 1,1'-Biphenyl
 Concen: 39.61 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	17.6	0.0	30.5

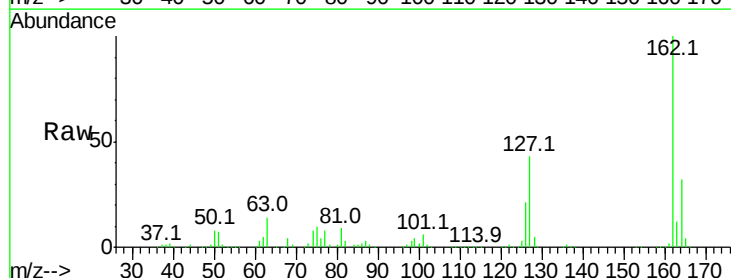


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

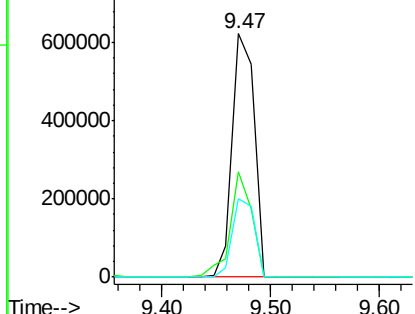
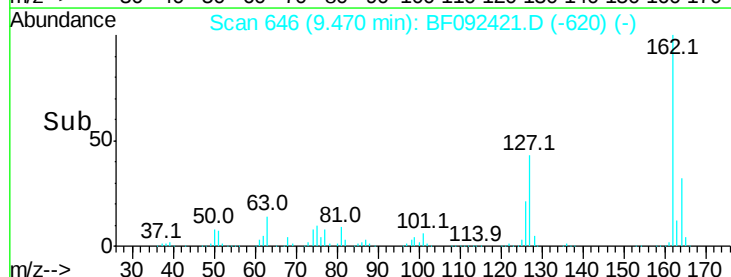


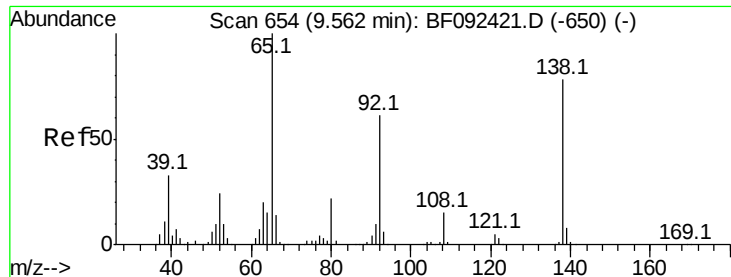
#46
 2-Chloronaphthalene
 Concen: 43.49 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.1	30.7	46.1
164	32.4	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: 41.98 ng

RT: 9.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

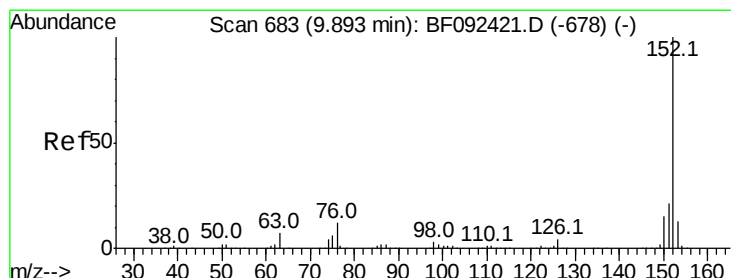
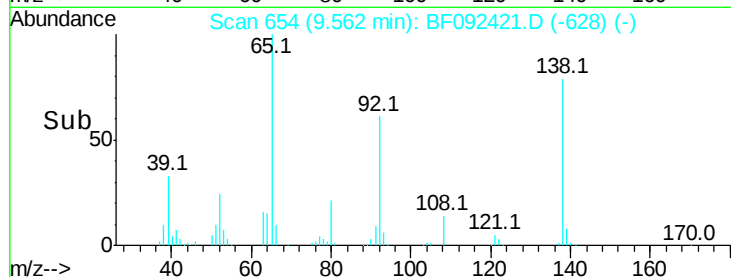
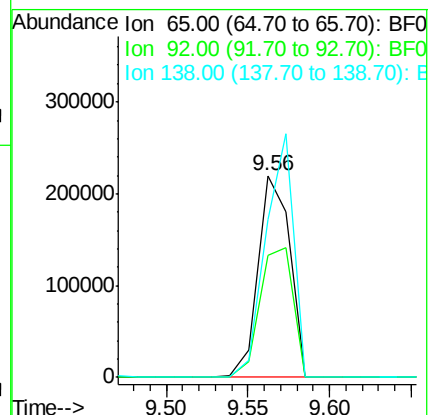
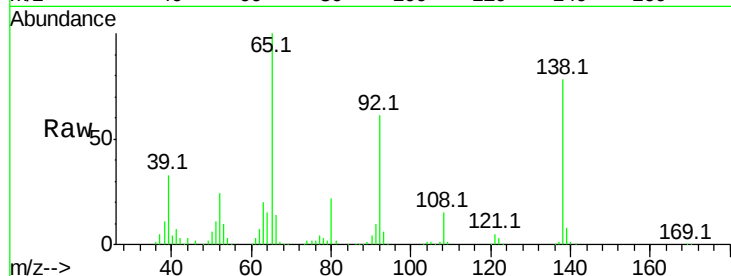
Tot Ion: 65 Resp: 295740

Ion Ratio Lower Upper

65 100

92 60.6 53.9 80.9

138 78.4 76.8 115.2



#48

Acenaphthylene

Concen: 42.71 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

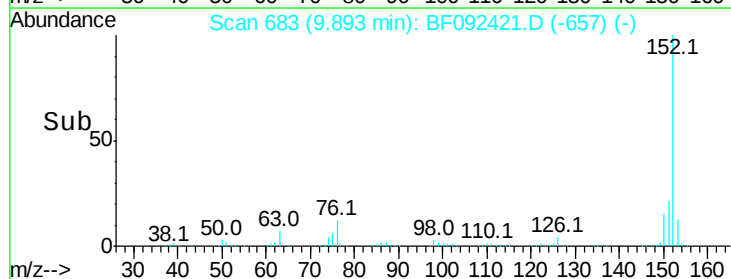
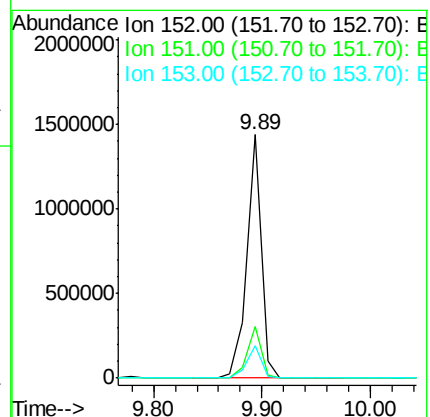
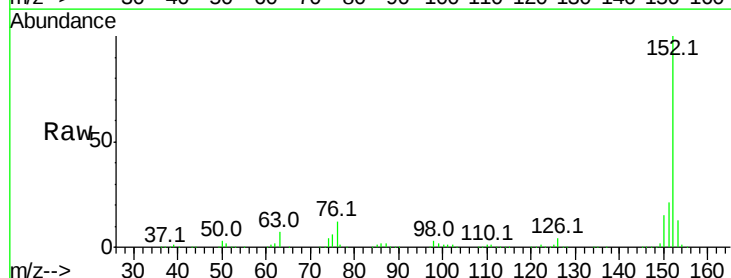
Tgt Ion:152 Resp: 1299598

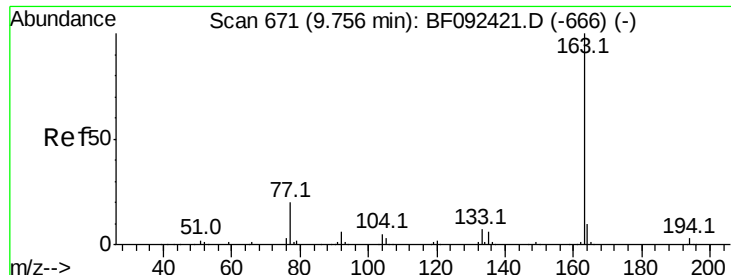
Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

153 13.3 11.4 17.2

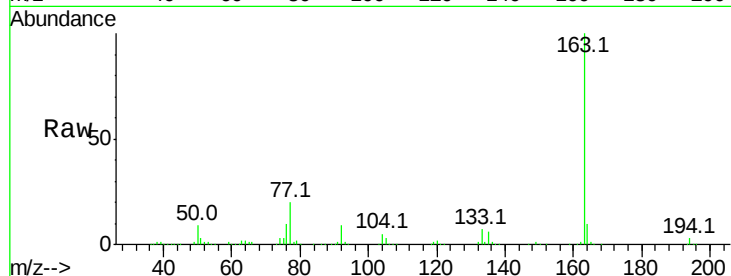




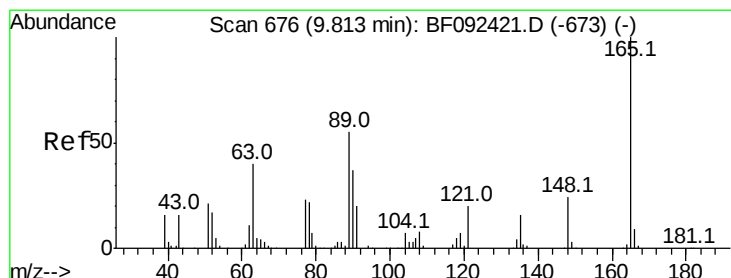
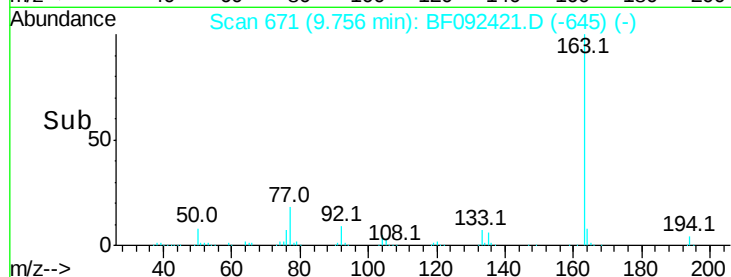
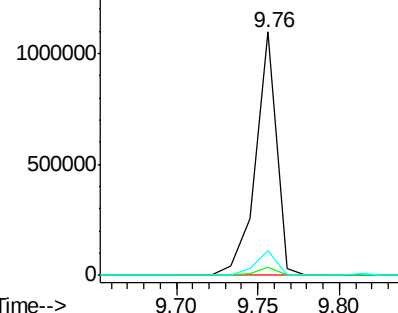
#49
Dimethylphthalate
Concen: 42.03 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.1	8.0	12.0

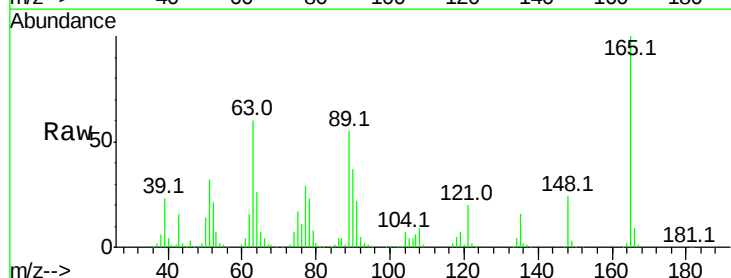


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

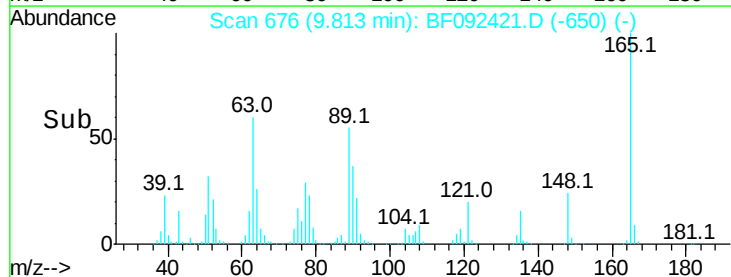
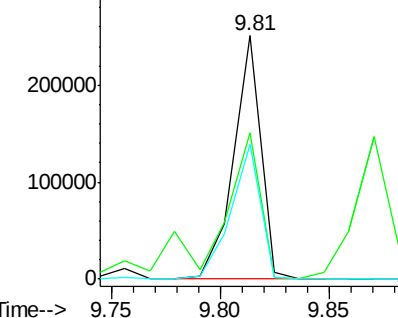


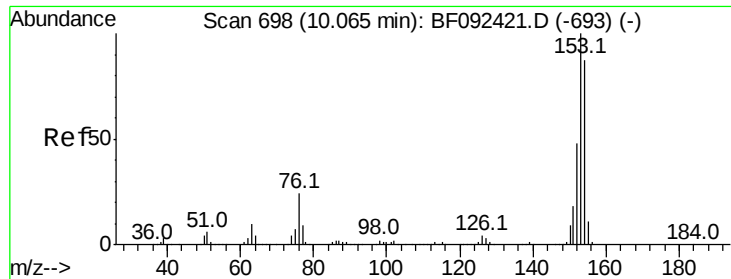
#50
2,6-Dinitrotoluene
Concen: 42.70 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.2	36.2	54.4#
89	55.2	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: 36.10 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

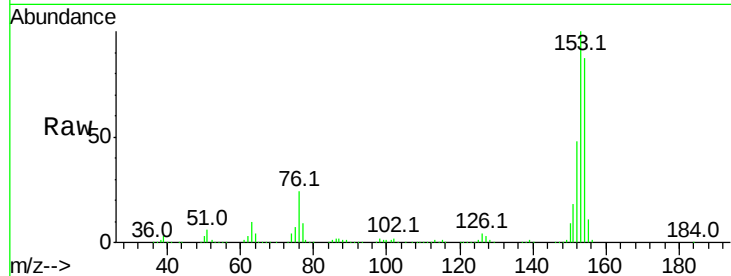
Tot Ion:154 Resp: 744768

Ion Ratio Lower Upper

154 100

153 114.7 88.6 133.0

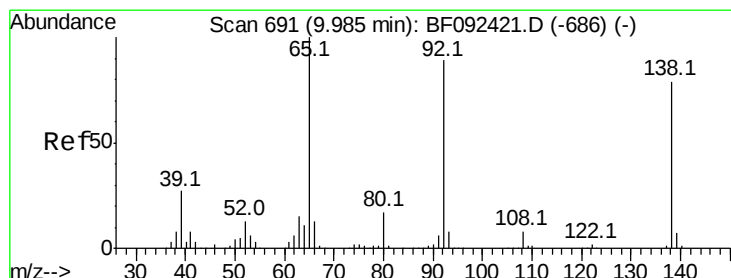
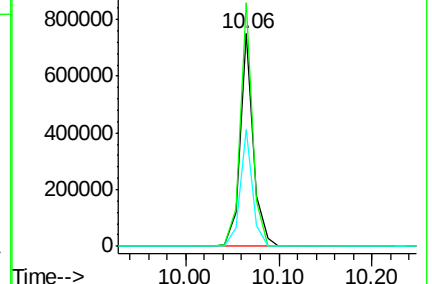
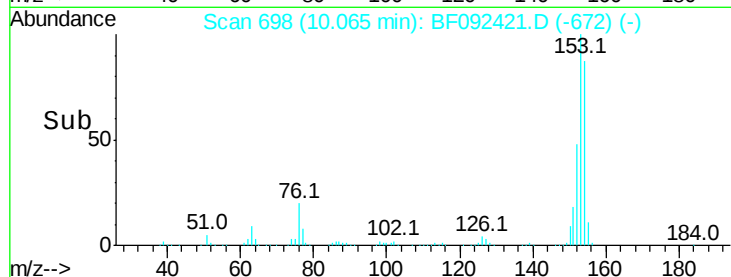
152 55.0 41.6 62.4



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: 45.60 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

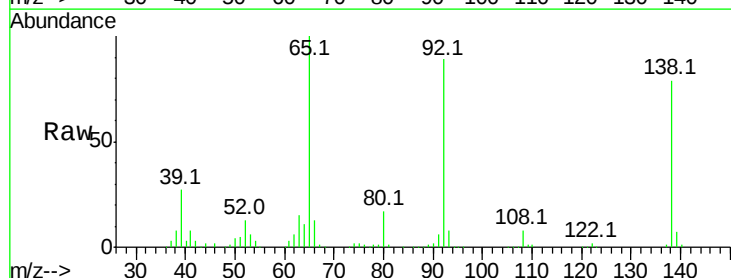
Tgt Ion:138 Resp: 288250

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

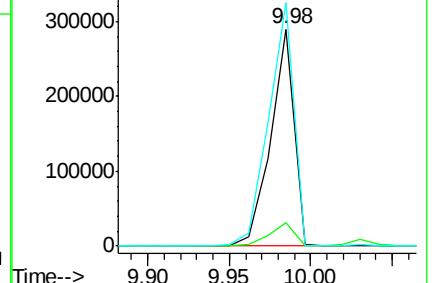
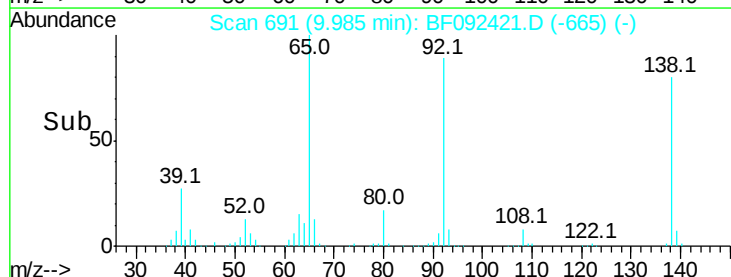
92 112.2 97.8 146.8

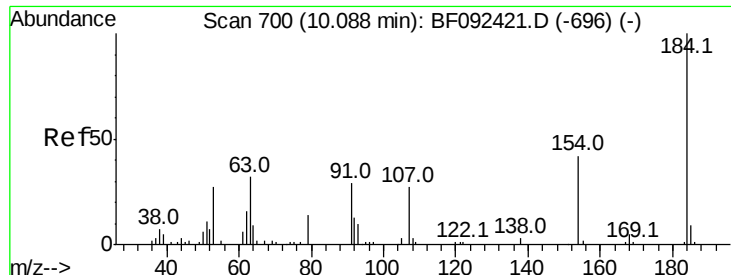


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

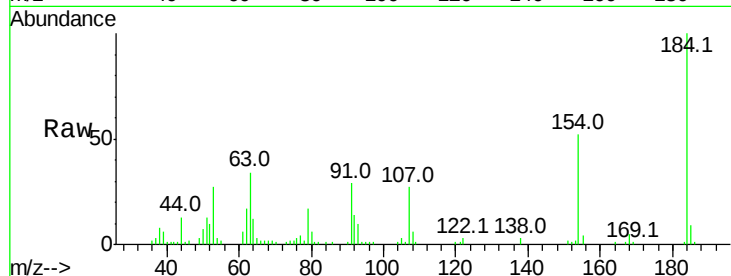




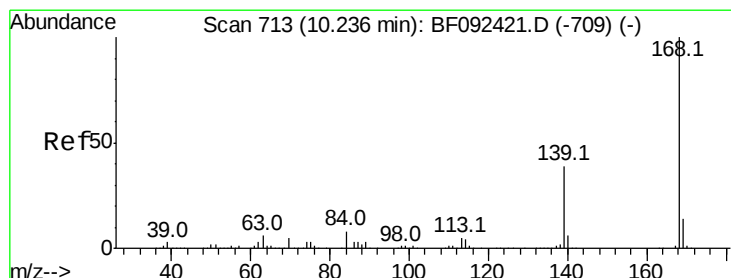
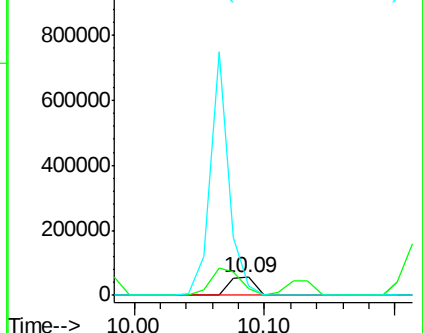
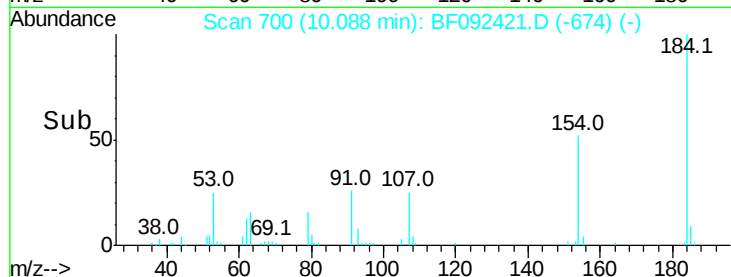
#53
 2,4-Dinitrophenol
 Concen: 27.28 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:184 Resp: 77542
 Ion Ratio Lower Upper
 184 100
 63 34.2 28.4 42.6
 154 52.3 44.3 66.5

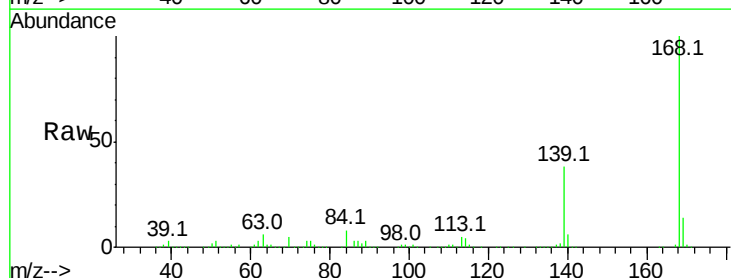


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

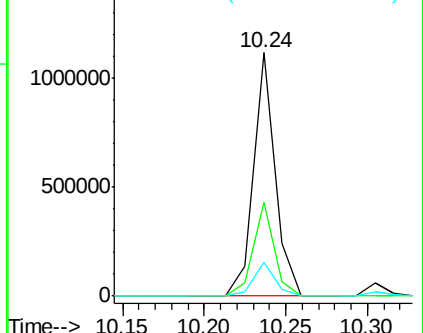
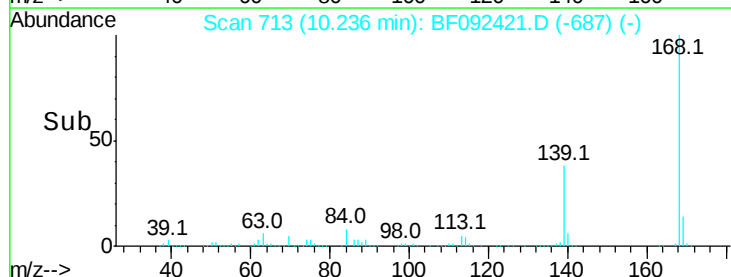


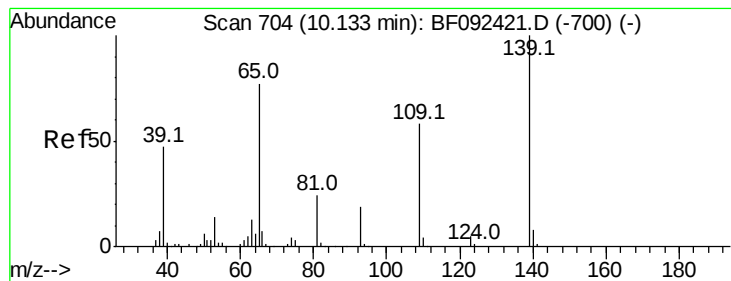
#54
 Dibenzofuran
 Concen: 36.96 ng
 RT: 10.24 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion:168 Resp: 1029728
 Ion Ratio Lower Upper
 168 100
 139 38.5 32.6 49.0
 169 13.7 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: 51.84 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

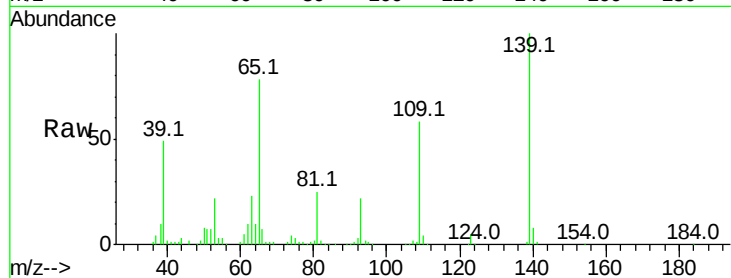
Tot Ion:139 Resp: 222532

Ion Ratio Lower Upper

139 100

109 57.8 52.2 92.2

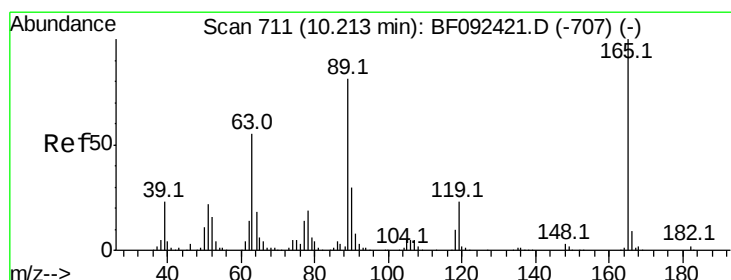
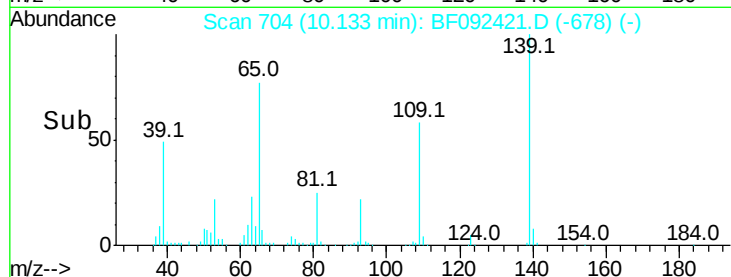
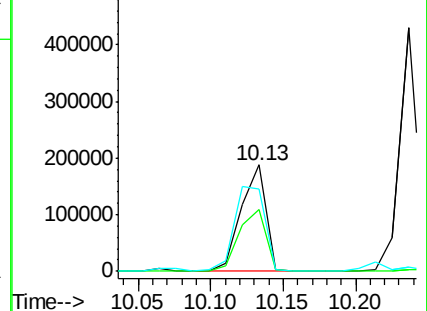
65 77.7 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.26 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion:165 Resp: 251703

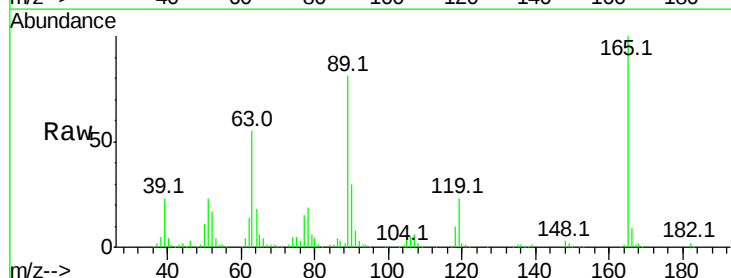
Ion Ratio Lower Upper

165 100

63 54.9 40.2 60.4

89 80.8 62.5 93.7

182 2.1 1.8 2.8

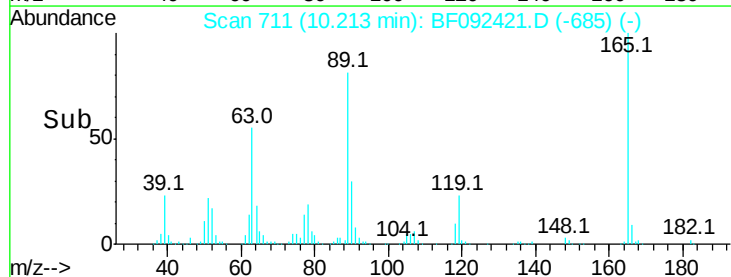
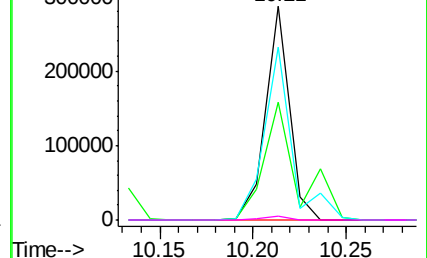


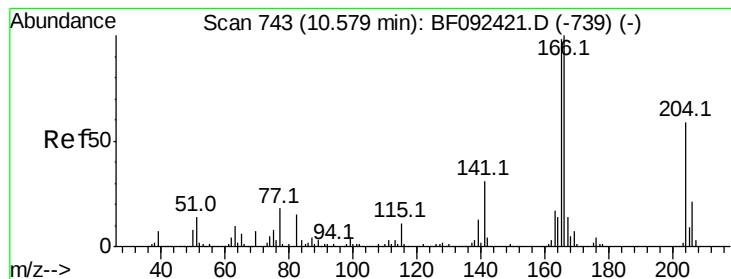
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.12 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

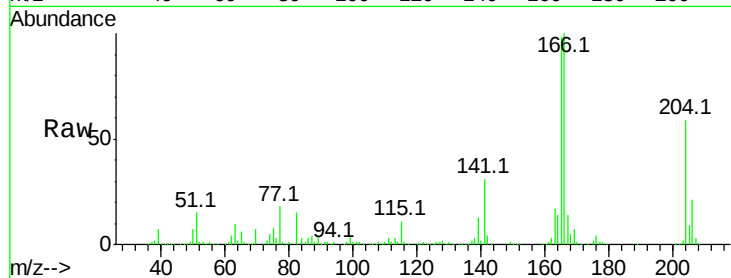
Tot Ion:166 Resp: 752448

Ion Ratio Lower Upper

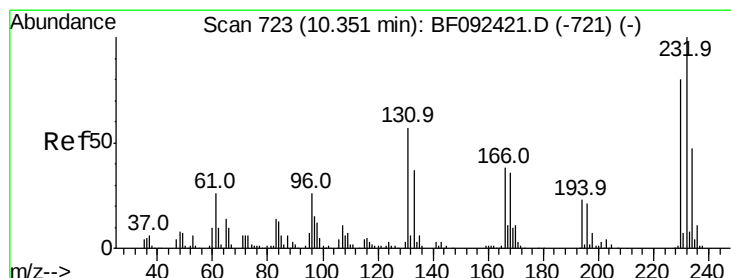
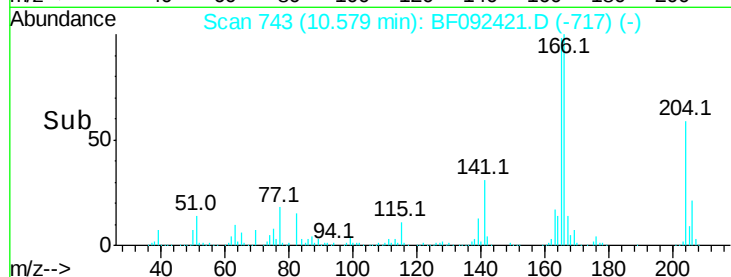
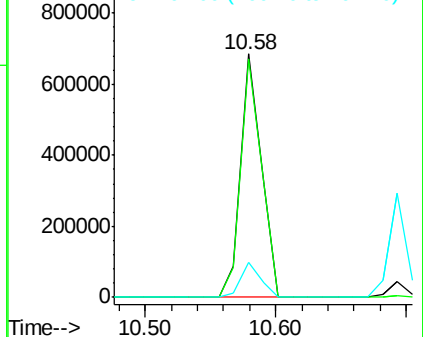
166 100

165 98.0 77.8 116.8

167 14.2 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: 37.45 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion:232 Resp: 196523

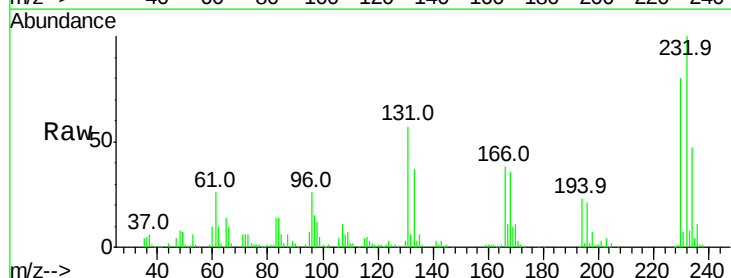
Ion Ratio Lower Upper

232 100

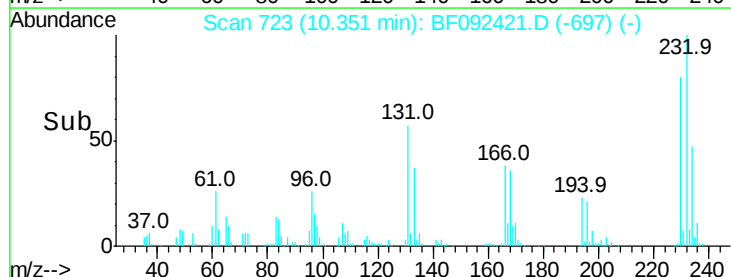
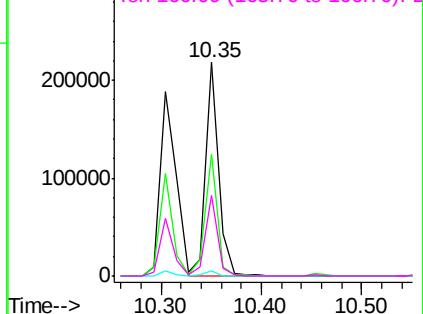
131 53.6 40.1 60.1

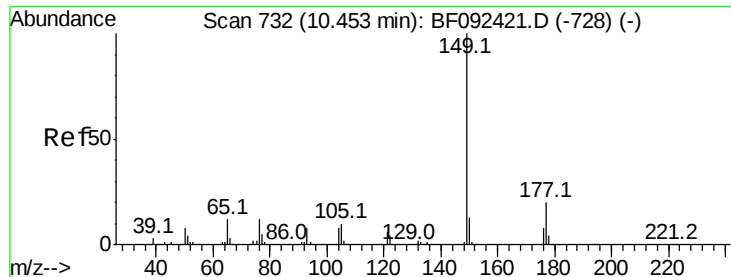
130 2.5 1.8 2.8

166 35.1 26.6 39.8



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

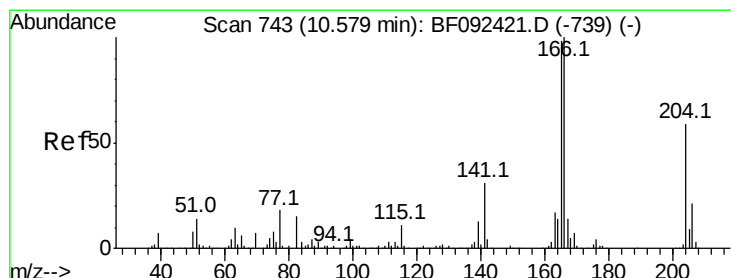
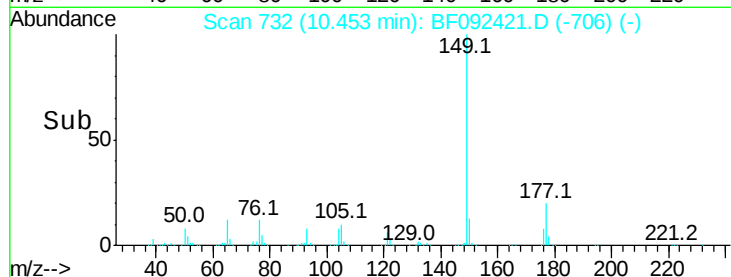
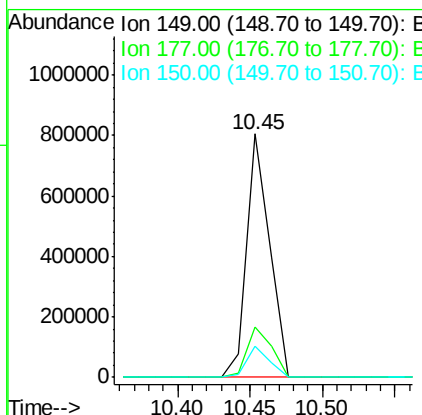
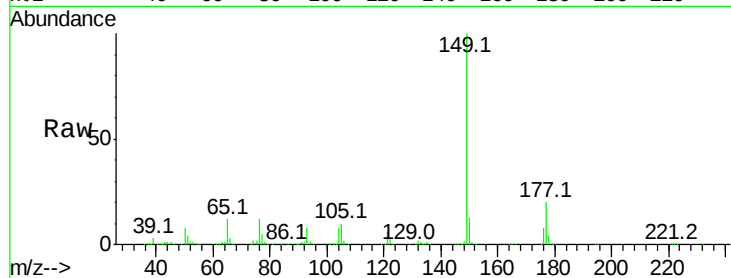




#59
Diethylphthalate
Concen: 38.83 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

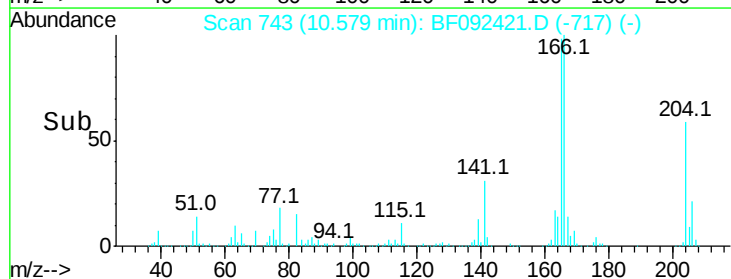
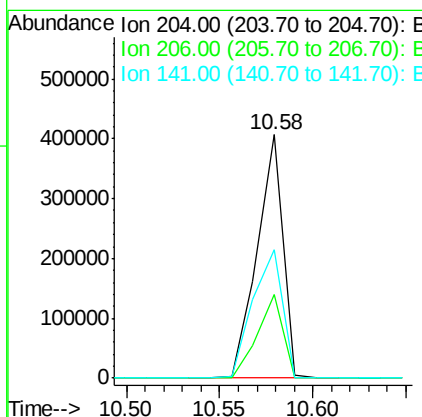
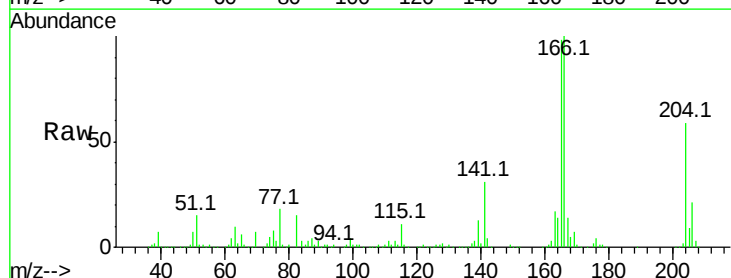
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

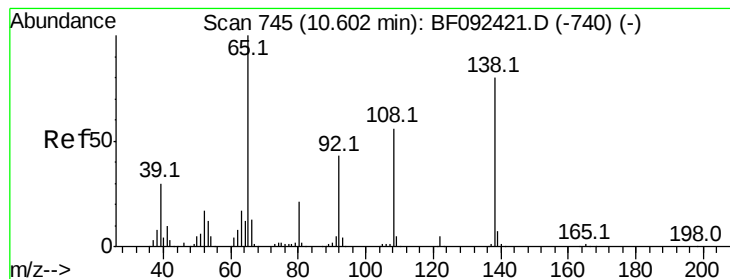
Tot Ion:149 Resp: 880046
Ion Ratio Lower Upper
149 100
177 20.4 16.6 25.0
150 12.9 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 44.57 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion:204 Resp: 395585
Ion Ratio Lower Upper
204 100
206 34.5 25.8 38.6
141 52.7 59.4 89.0#





#61

4-Nitroaniline

Concen: 38.42 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

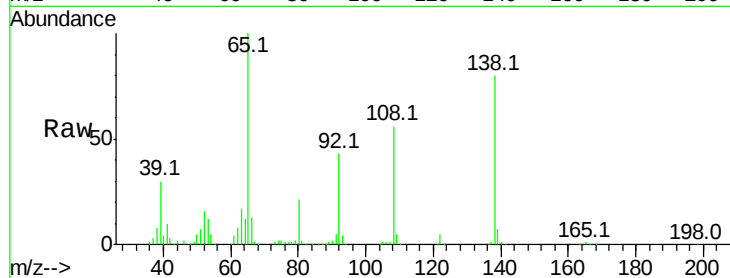
Tot Ion:138 Resp: 251711

Ion Ratio Lower Upper

138 100

92 54.0 31.7 71.7

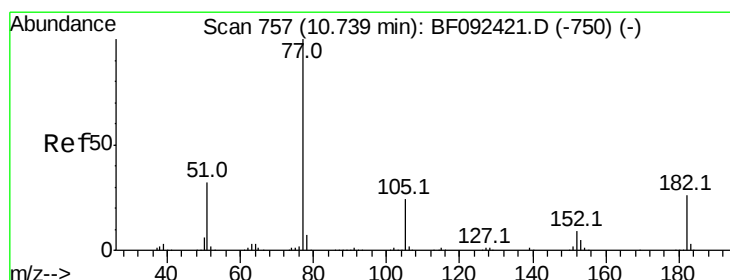
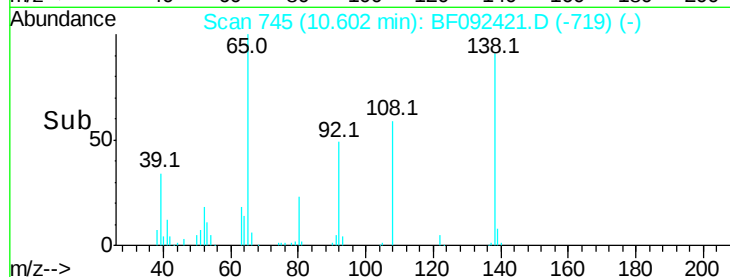
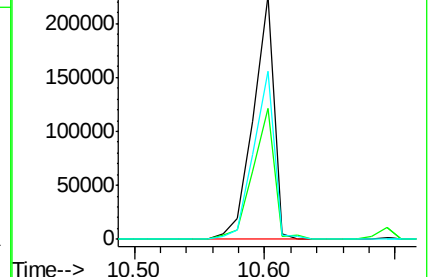
108 69.2 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.68 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion: 77 Resp: 1090030

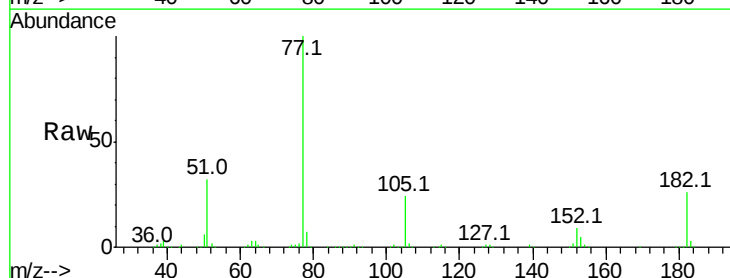
Ion Ratio Lower Upper

77 100

182 25.5 0.0 39.3

105 24.2 2.3 42.3

51 31.7 8.9 48.9

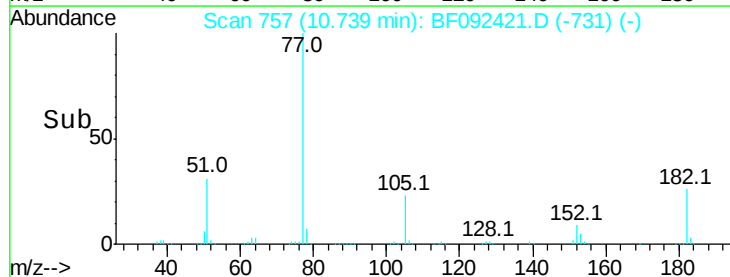
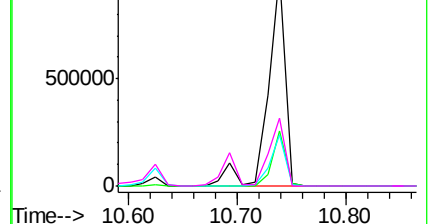


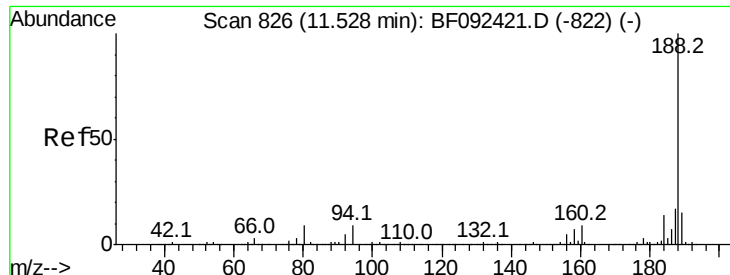
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

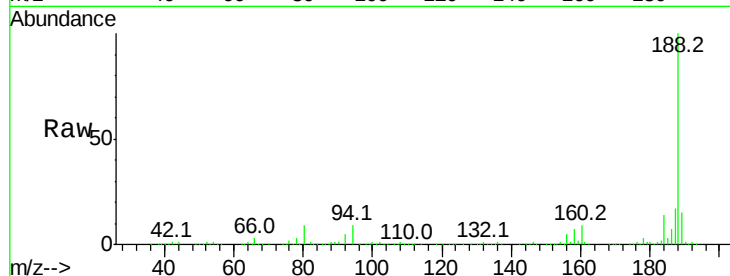




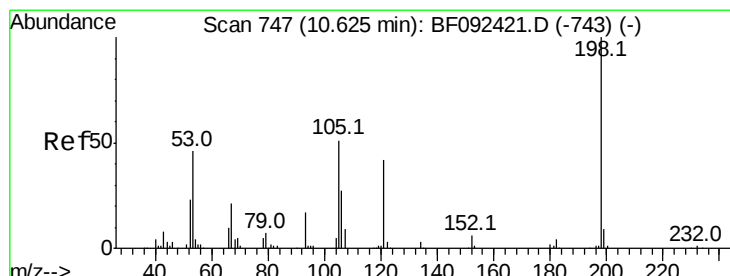
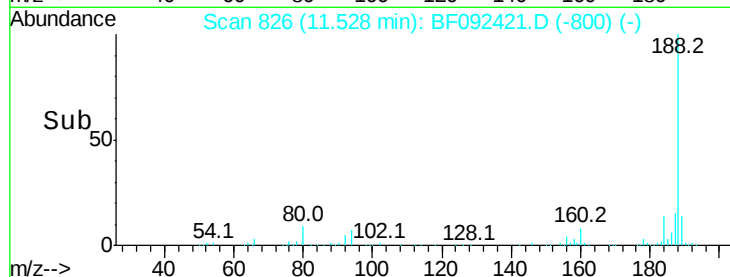
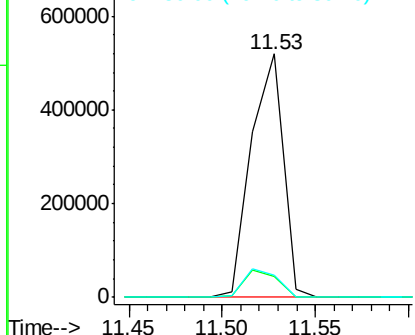
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:188 Resp: 619540
 Ion Ratio Lower Upper
 188 100
 94 8.8 10.0 15.0#
 80 9.0 11.2 16.8#

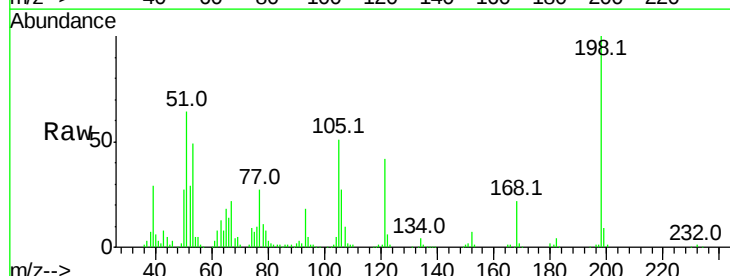


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

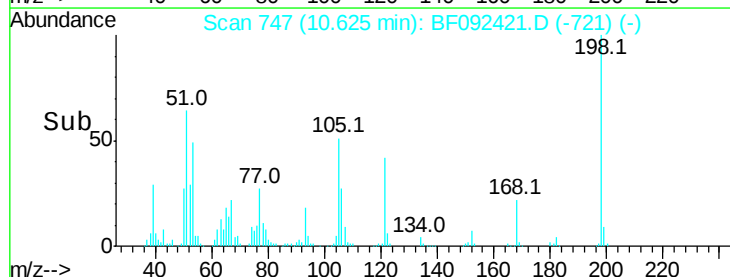
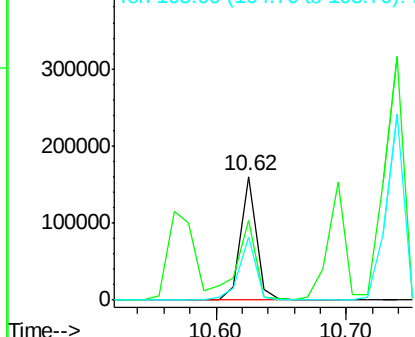


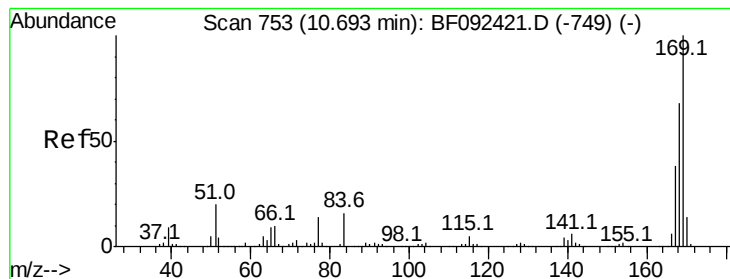
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.74 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion:198 Resp: 133889
 Ion Ratio Lower Upper
 198 100
 51 64.1 6.7 46.7#
 105 51.5 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 38.75 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

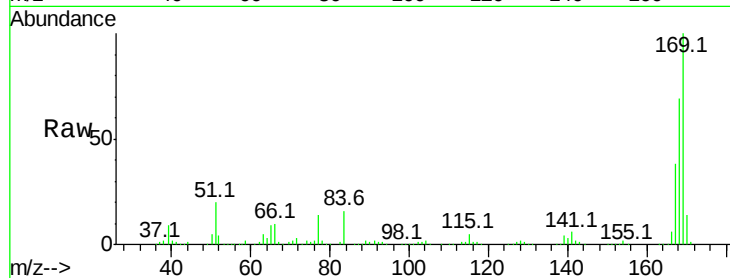
Tot Ion:169 Resp: 712374

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

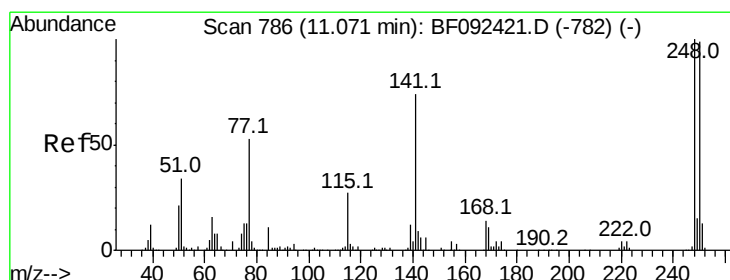
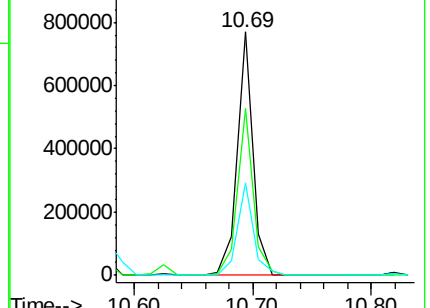
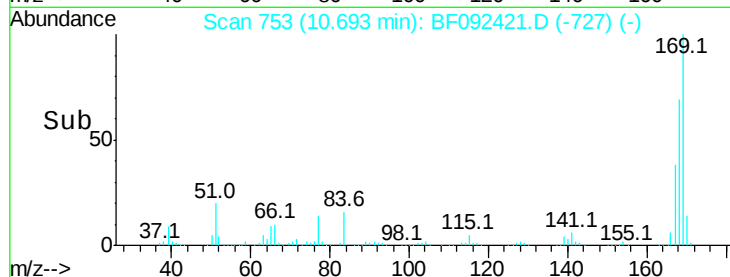
167 38.2 30.2 45.4



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: 37.39 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

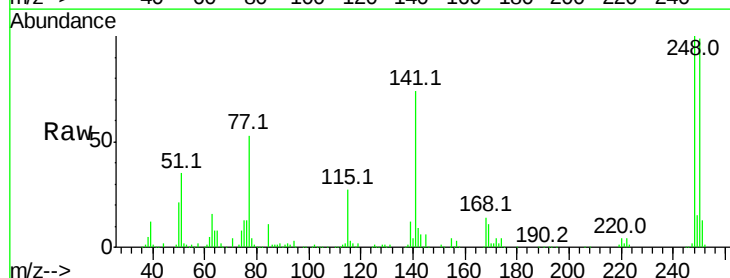
Tgt Ion:248 Resp: 240973

Ion Ratio Lower Upper

248 100

250 99.3 76.9 115.3

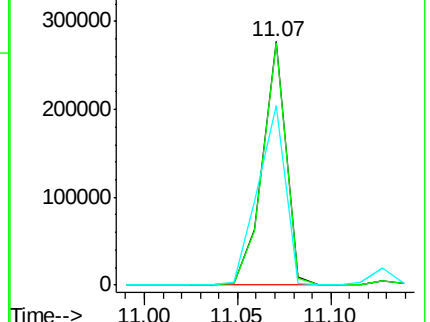
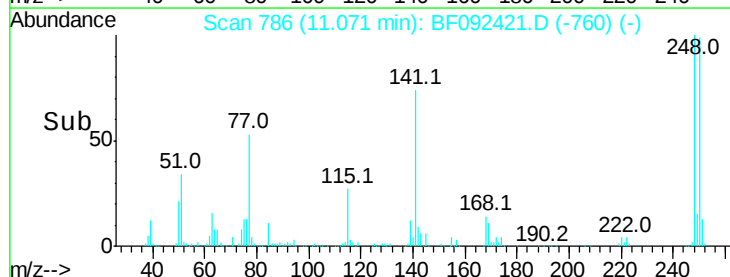
141 73.9 68.2 102.4

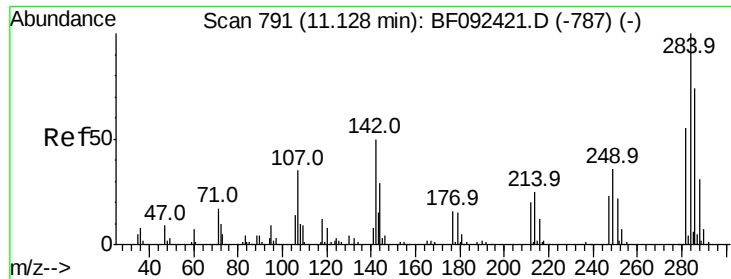


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

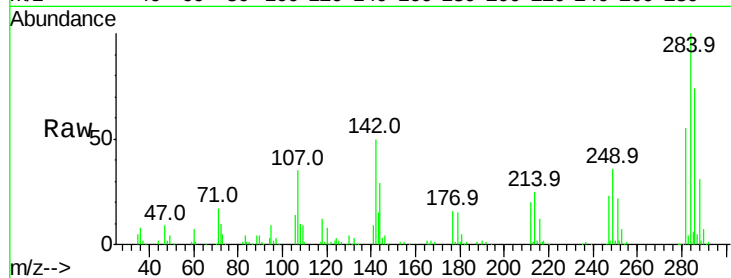




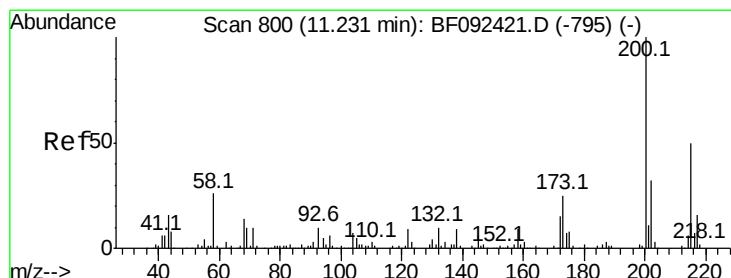
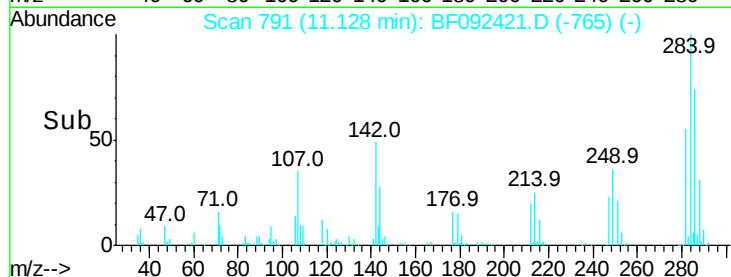
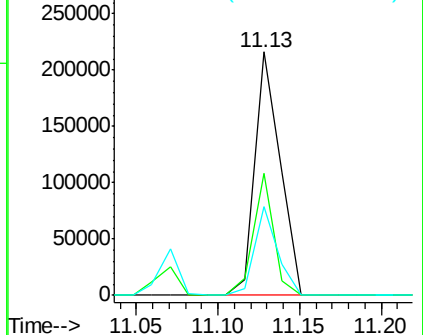
#67
Hexachlorobenzene
Concen: 33.96 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	50.3	22.6	33.8#
249	36.4	25.4	38.0

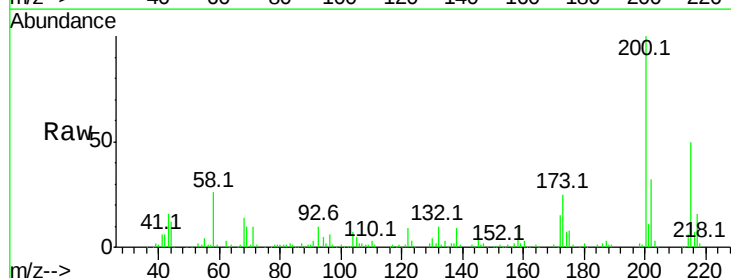


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

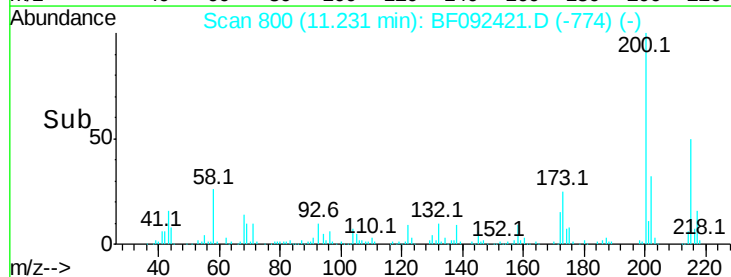
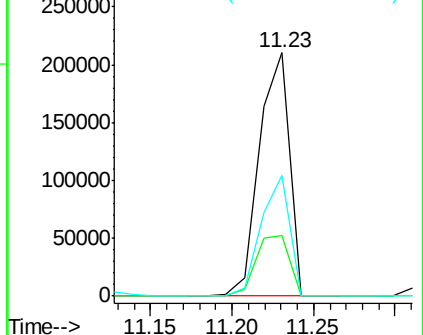


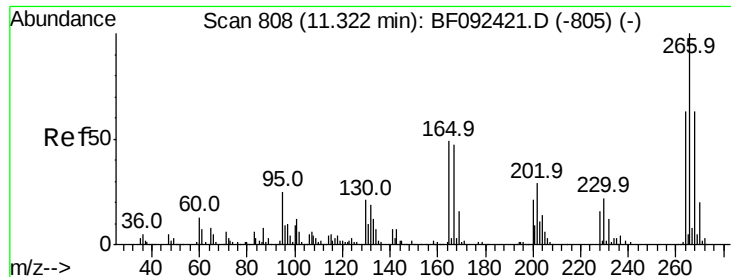
#68
Atrazine
Concen: 45.37 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	9.6	49.6
215	49.7	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

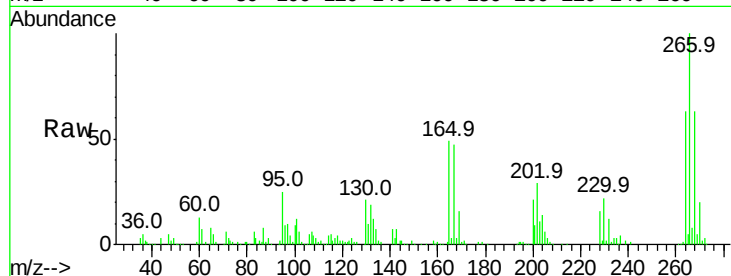




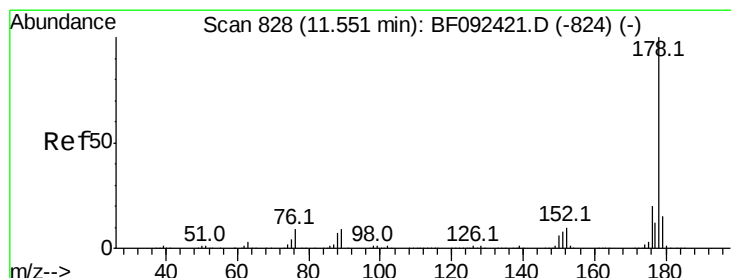
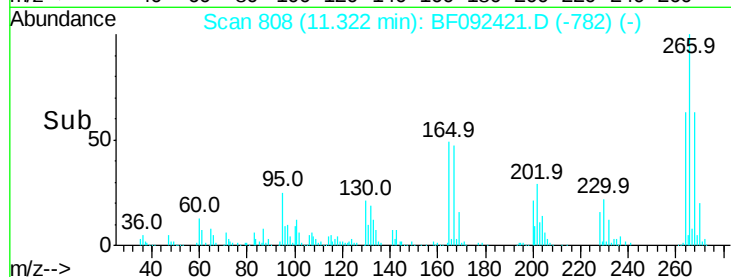
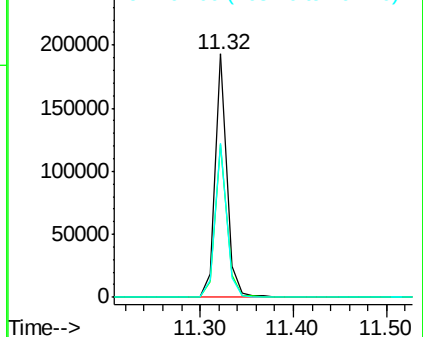
#69
 Pentachlorophenol
 Concen: 49.58 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTD1CCC040

Tot Ion:266 Resp: 167574
 Ion Ratio Lower Upper
 266 100
 268 62.8 53.3 79.9
 264 63.3 50.3 75.5

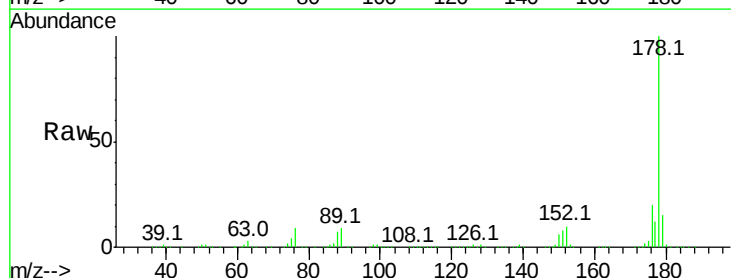


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

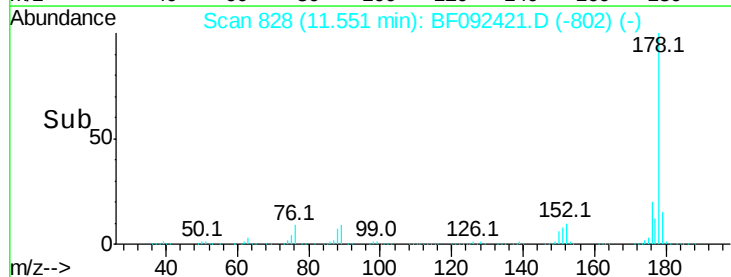
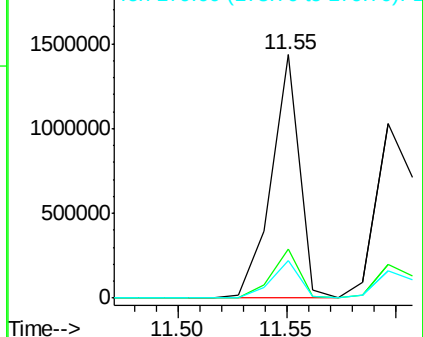


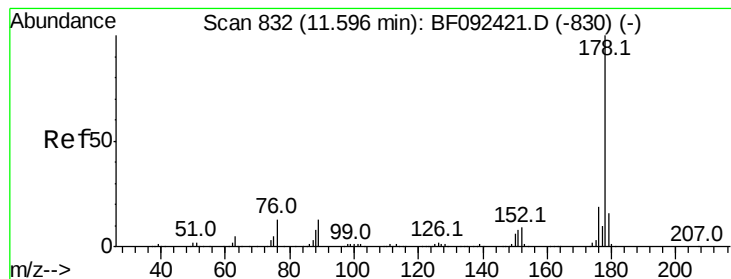
#70
 Phenanthrene
 Concen: 38.62 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion:178 Resp: 1297263
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 15.4 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: 37.59 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

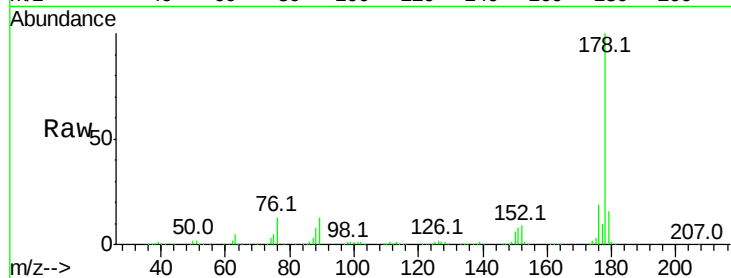
Tot Ion:178 Resp: 1264677

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

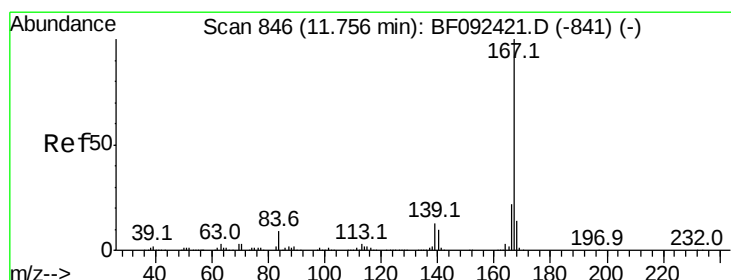
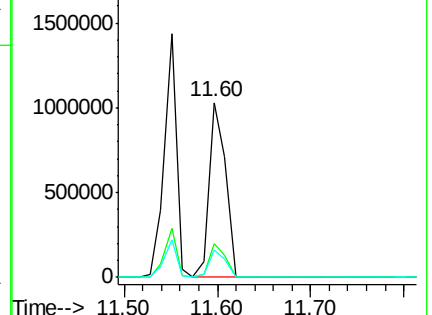
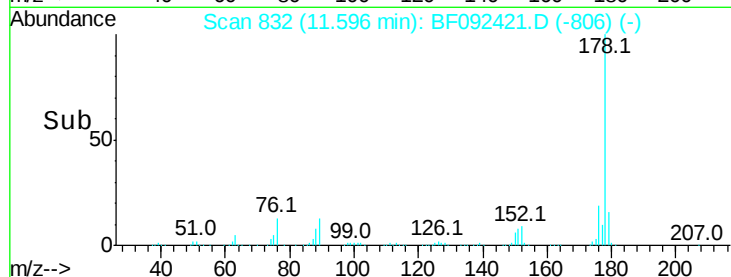
179 15.9 13.2 19.8



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: 40.66 ng

RT: 11.76 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

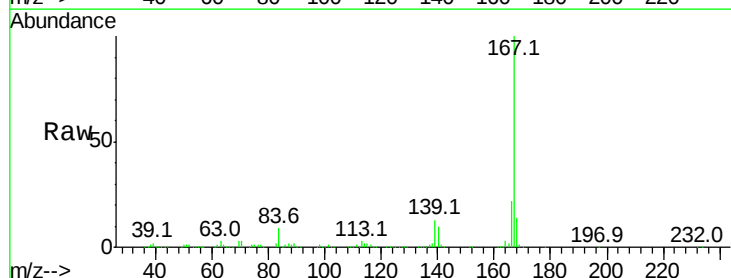
Tgt Ion:167 Resp: 1265552

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

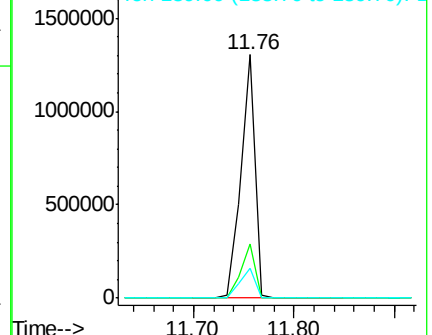
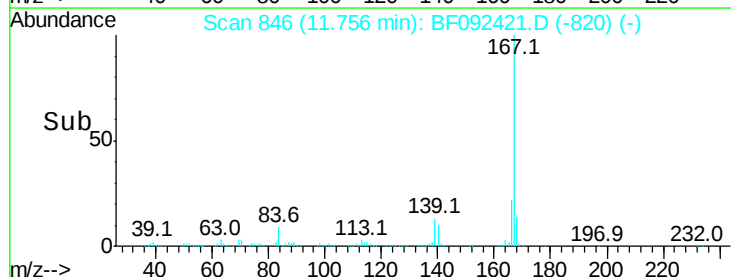
139 12.5 11.4 17.2

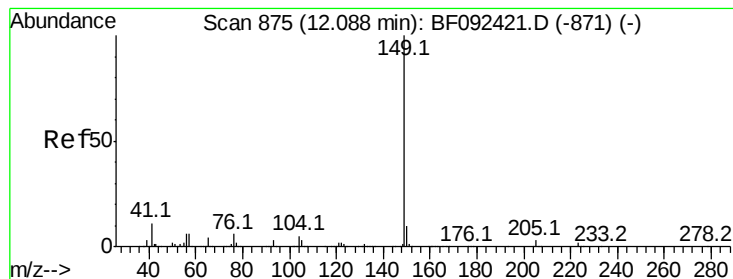


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.91 ng

RT: 12.09 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

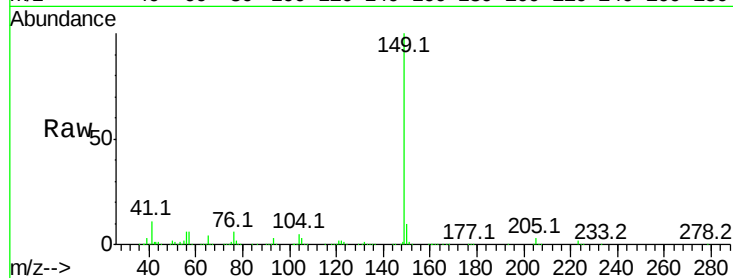
Tot Ion:149 Resp: 1378122

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

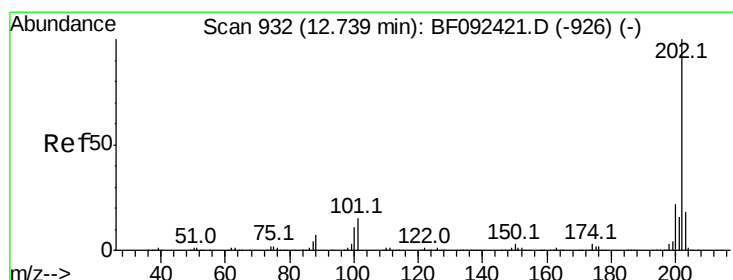
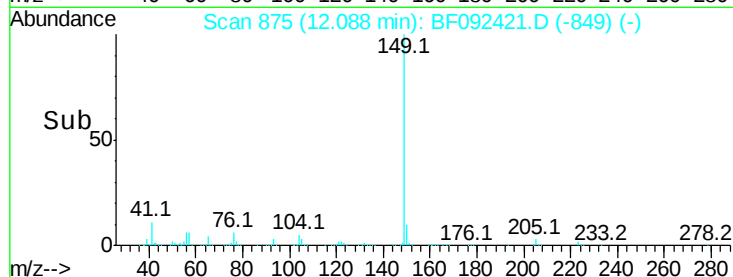
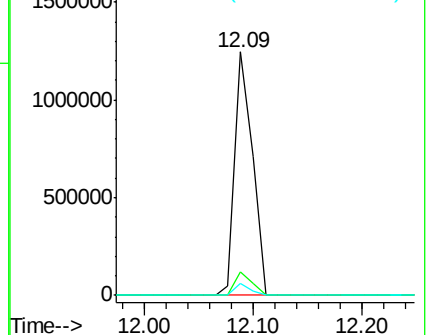
104 5.1 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.87 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

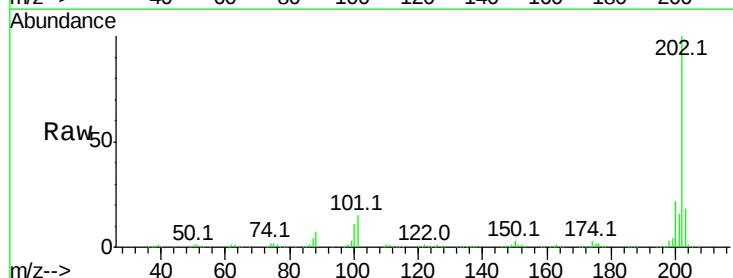
Tgt Ion:202 Resp: 1235710

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

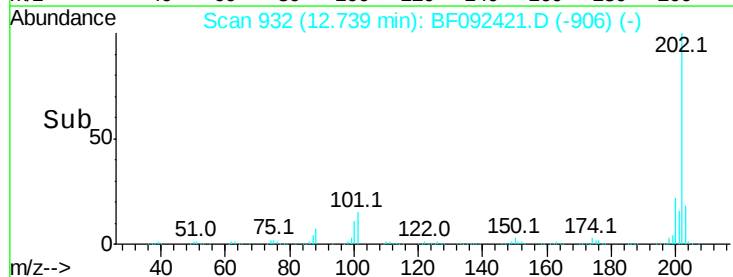
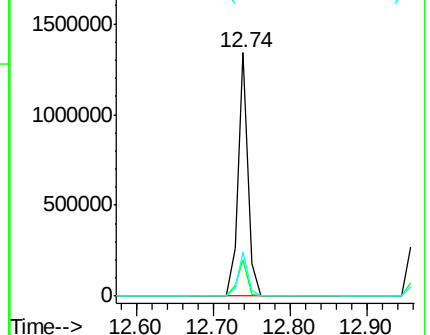
203 18.0 0.0 38.7

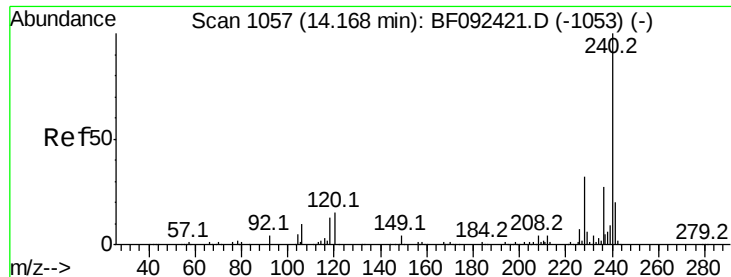


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

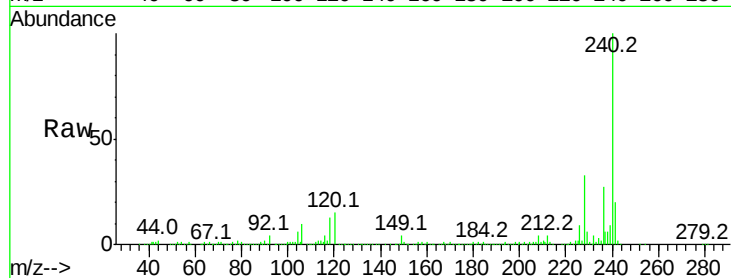
Tot Ion:240 Resp: 500900

Ion Ratio Lower Upper

240 100

120 14.8 12.9 19.3

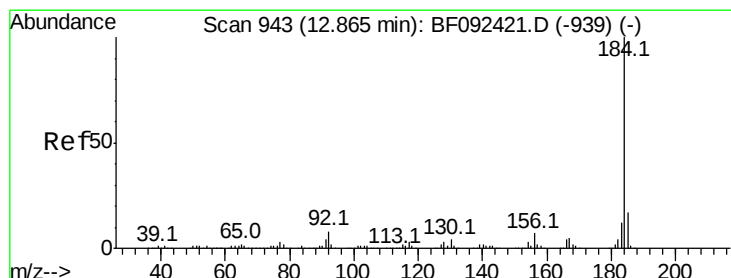
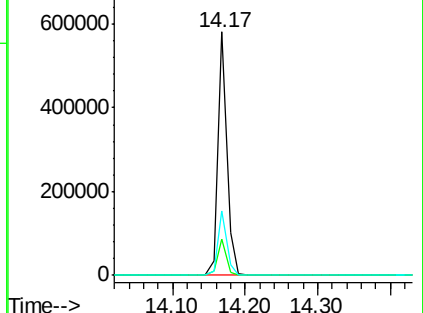
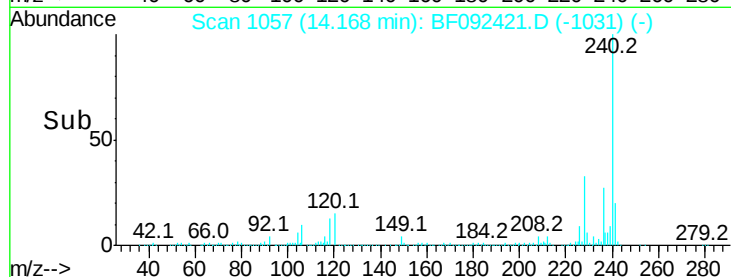
236 26.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.17 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

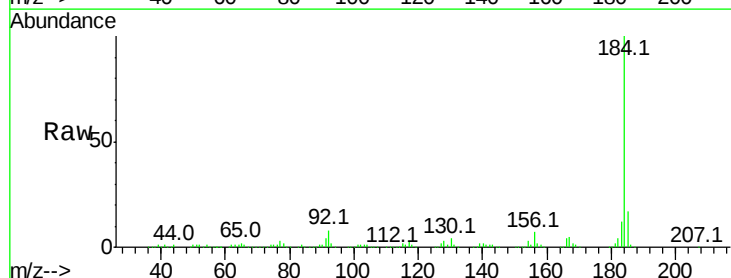
Tgt Ion:184 Resp: 786364

Ion Ratio Lower Upper

184 100

185 16.9 13.4 20.0

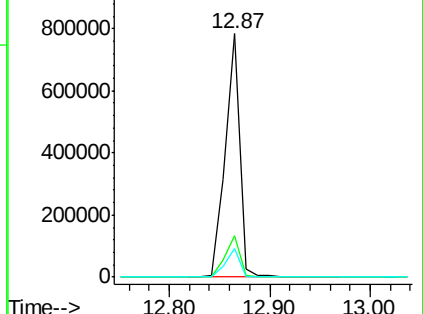
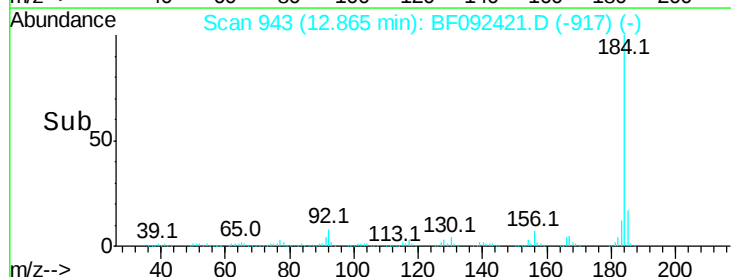
183 11.9 9.2 13.8

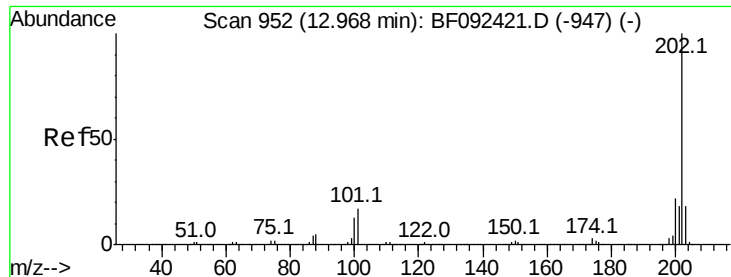


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

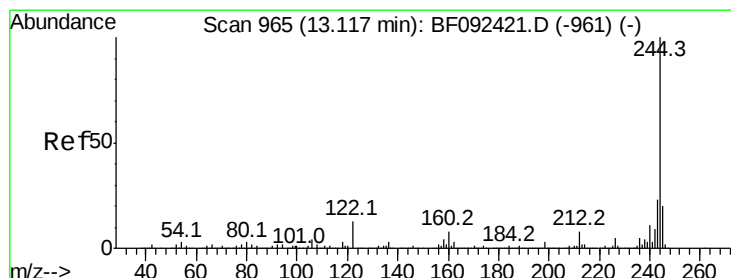
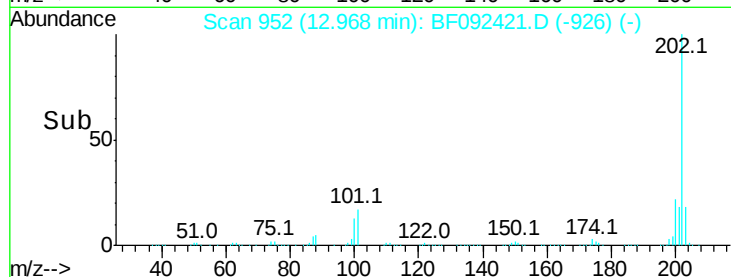
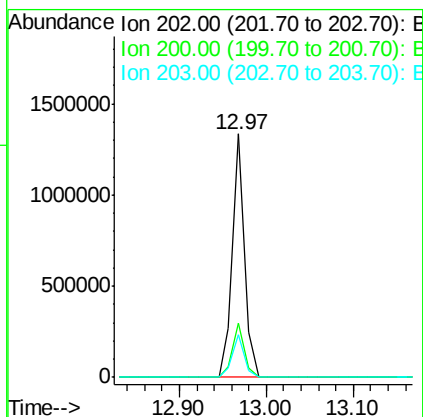
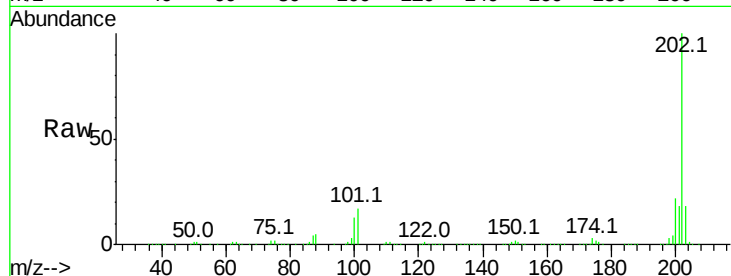




#77
Pvrene
Concen: 34.95 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

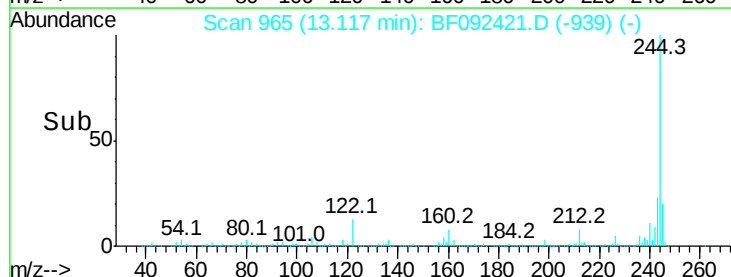
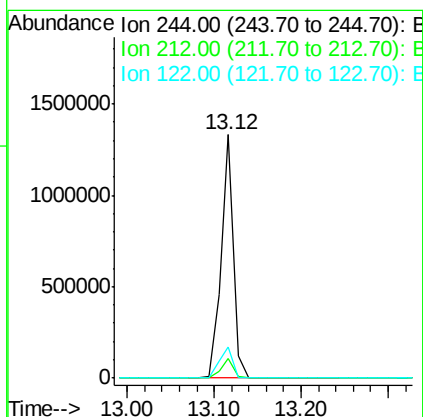
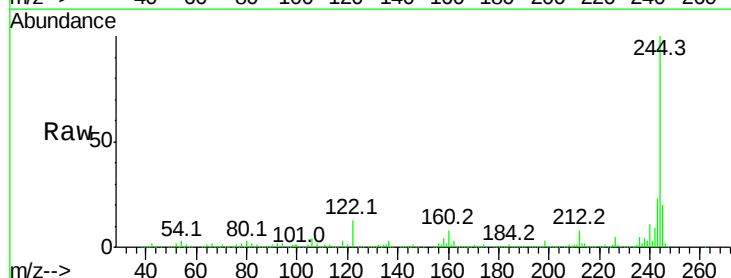
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

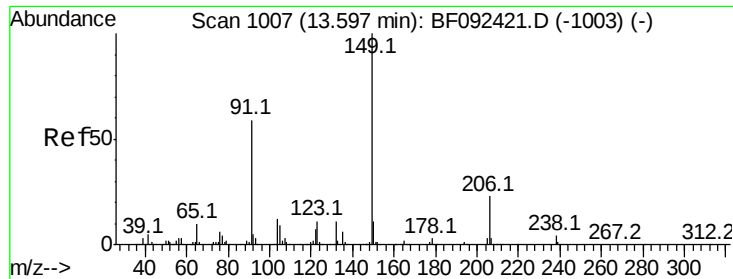
Tot Ion:202 Resp: 1284506
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 17.6 14.7 22.1



#78
Terphenyl-d14
Concen: 64.19 ng
RT: 13.12 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion:244 Resp: 1325828
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 13.0 11.4 17.2

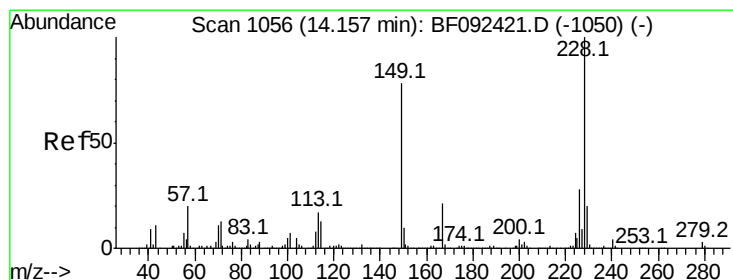
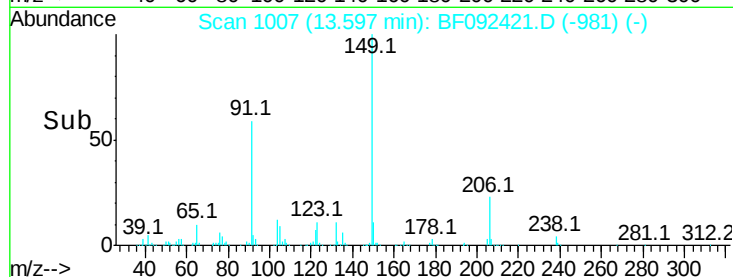
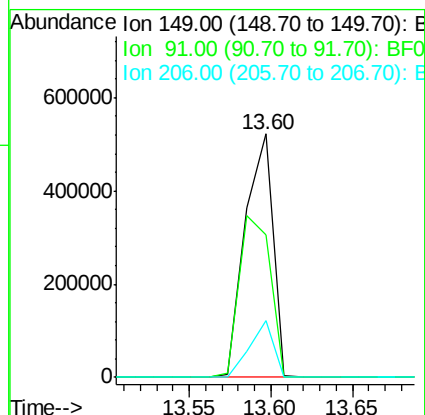
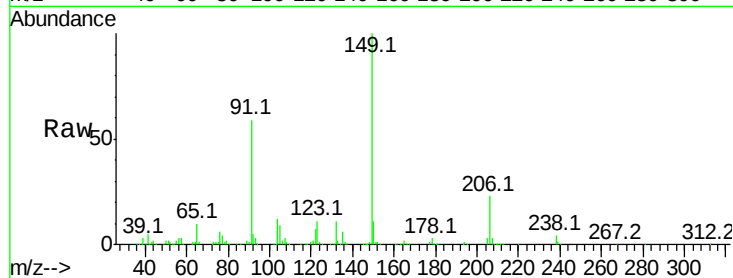




#79
Butylbenzylphthalate
Concen: 36.84 ng
RT: 13.60 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

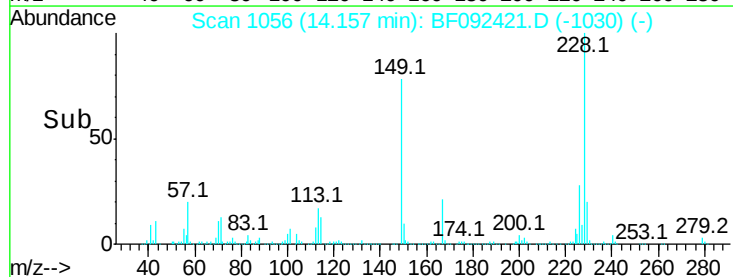
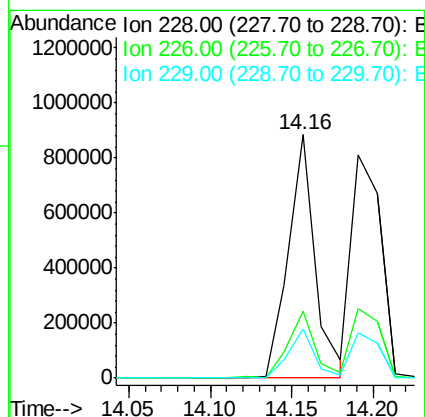
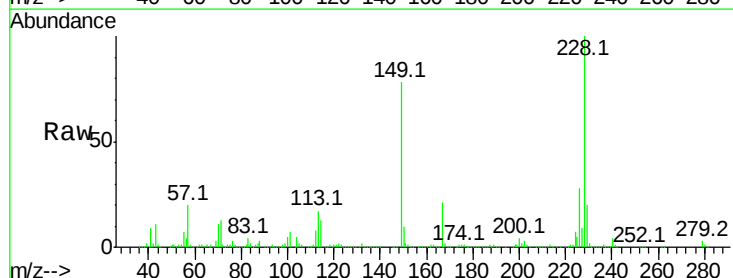
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

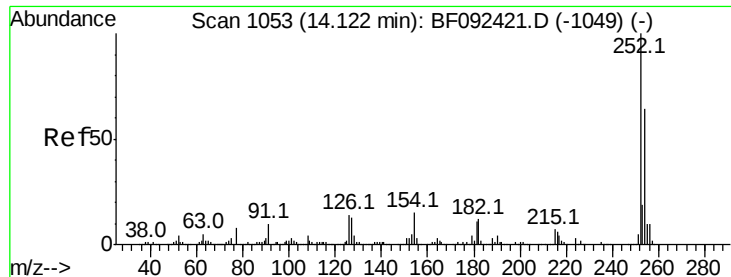
Tot Ion:149 Resp: 615834
Ion Ratio Lower Upper
149 100
91 58.6 63.9 95.9#
206 23.4 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 36.01 ng
RT: 14.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion:228 Resp: 1018114
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.3 16.2 24.4

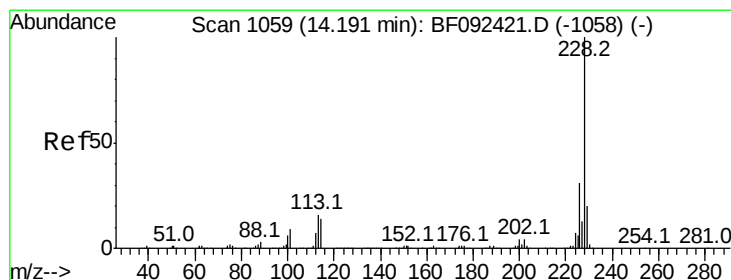
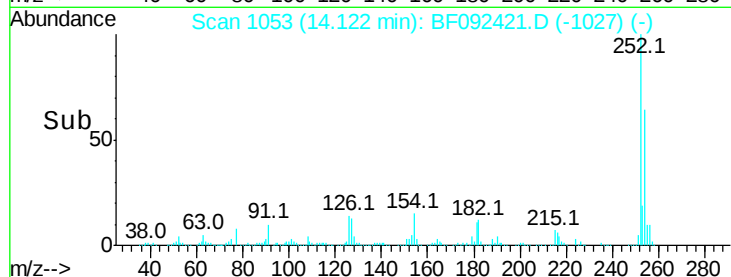
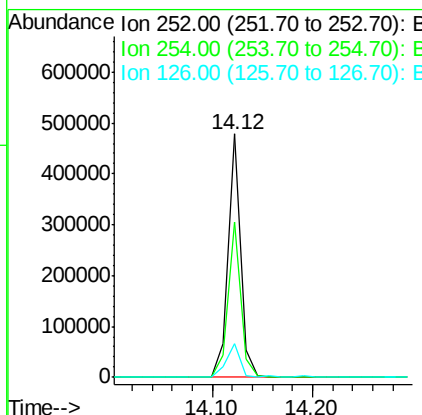
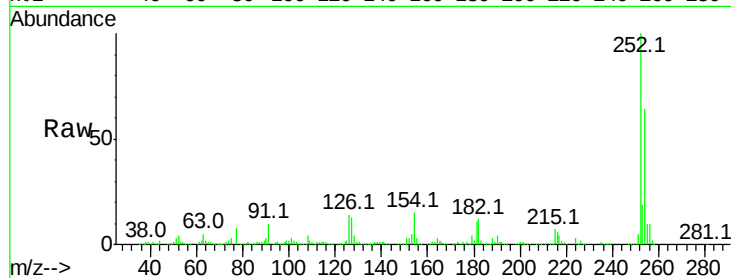




#81
 3,3'-Dichlorobenzidine
 Concen: 38.96 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

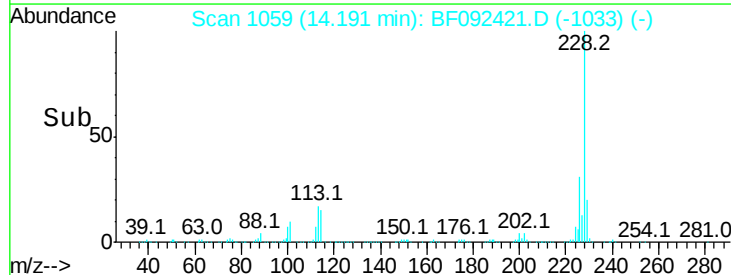
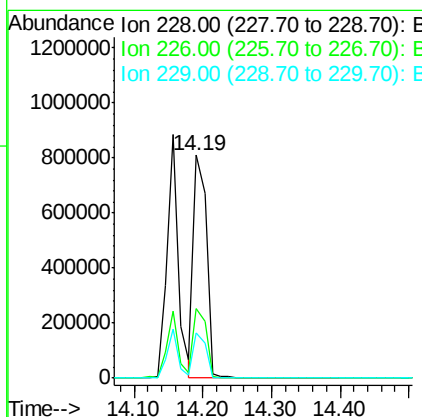
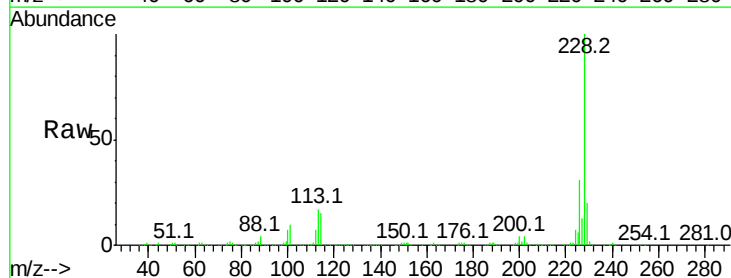
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

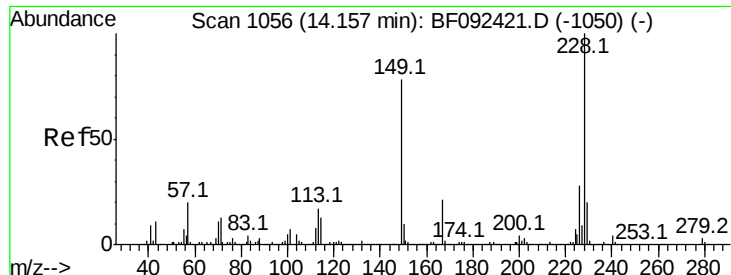
Tot Ion:252 Resp: 417775
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.3 78.5
 126 13.7 13.6 20.4



#82
 Chrysene
 Concen: 36.85 ng
 RT: 14.19 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion:228 Resp: 1045083
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 20.3 16.2 24.2

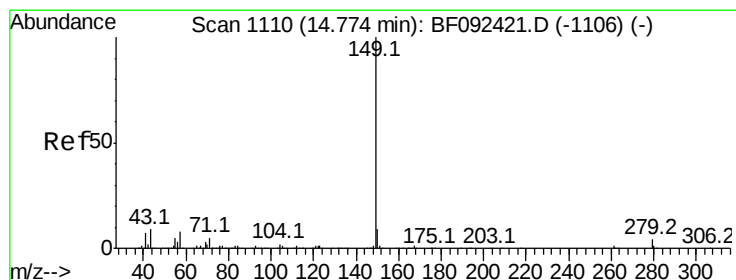
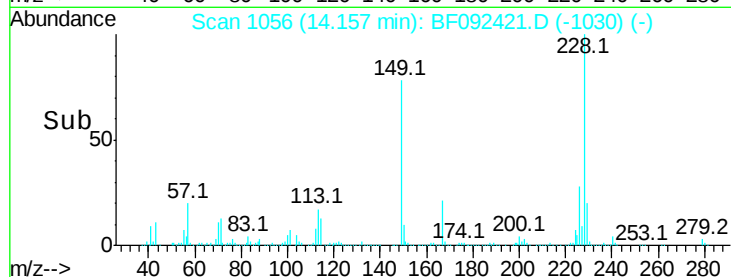
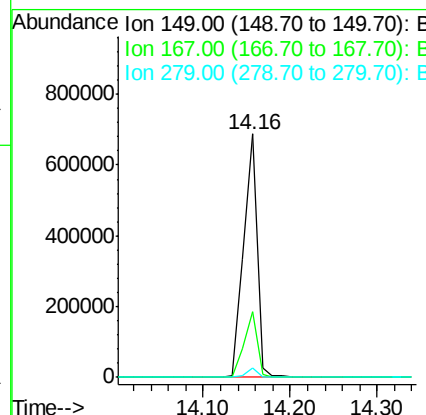
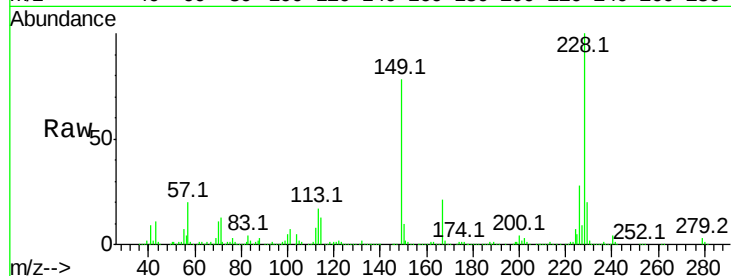




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.11 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

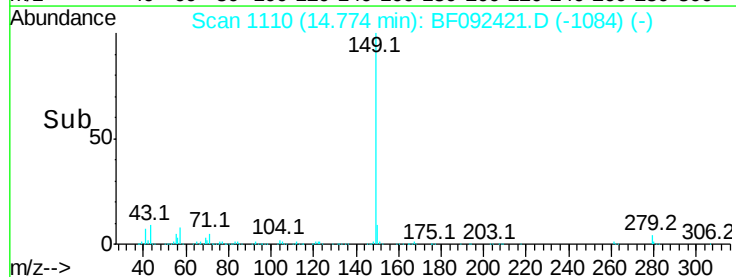
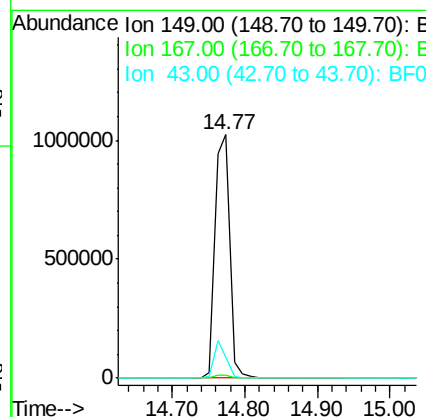
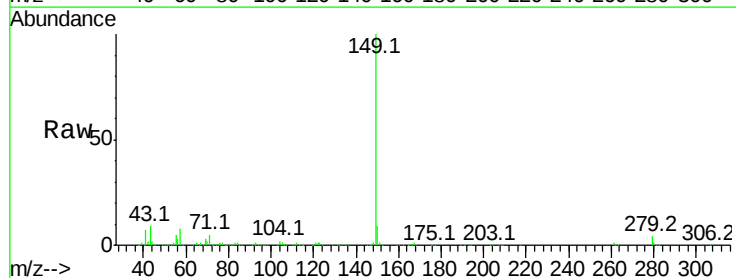
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

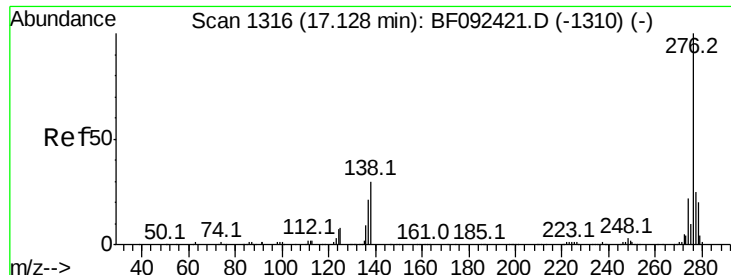
Tot Ion:149 Resp: 730399
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.2 30.4
 279 3.7 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 39.30 ng
 RT: 14.77 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion:149 Resp: 1432981
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 12.8 8.9 13.3

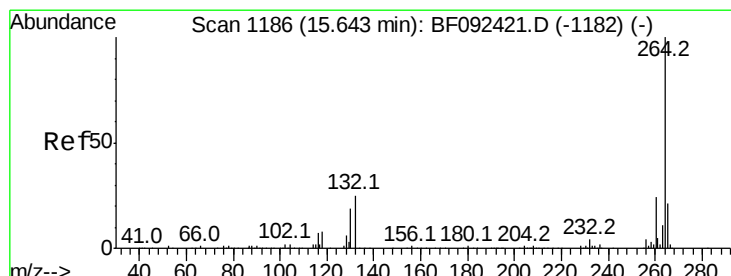
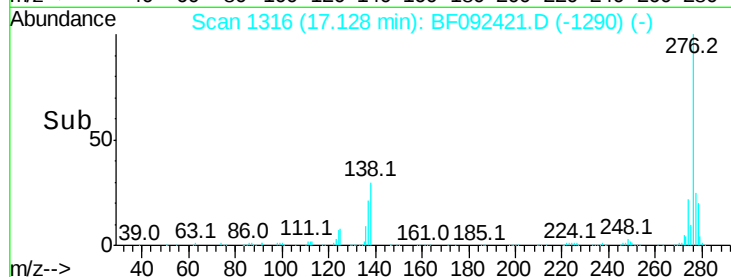
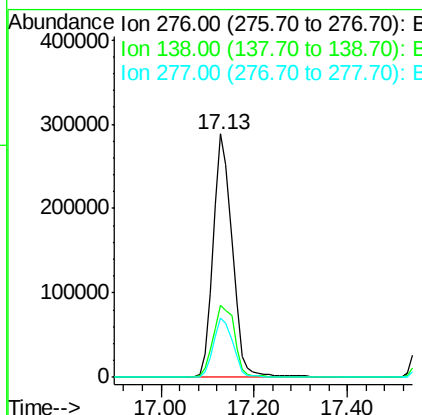
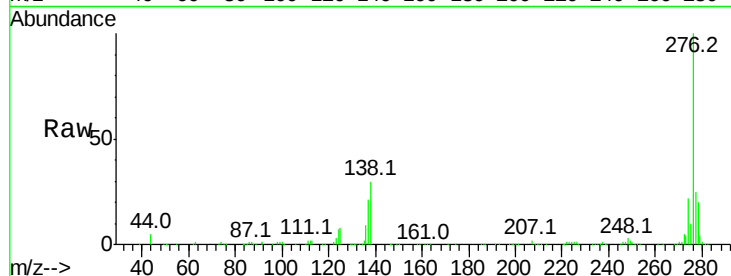




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.54 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

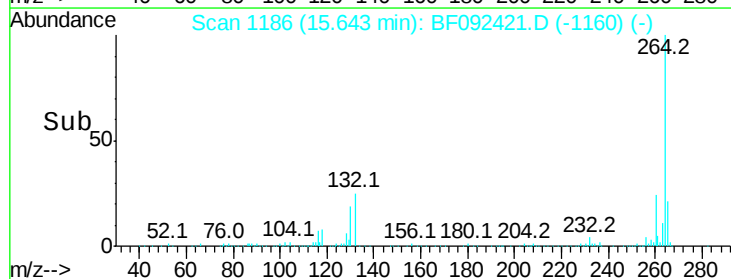
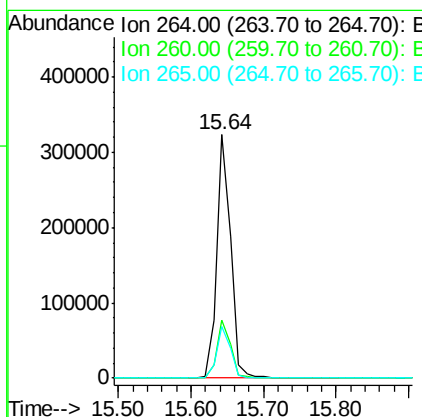
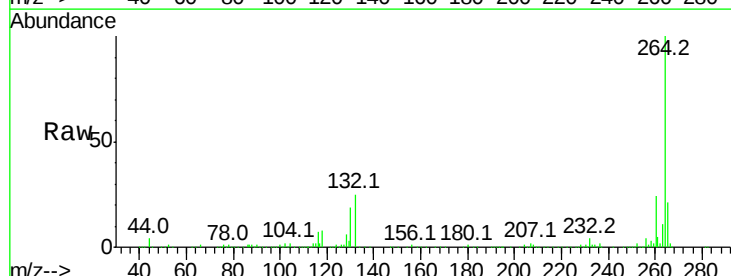
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

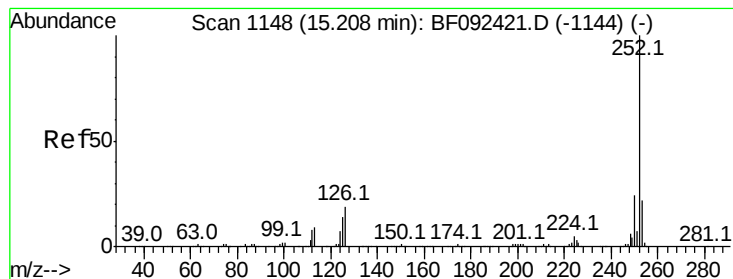
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	21.8	32.6#
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.86 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

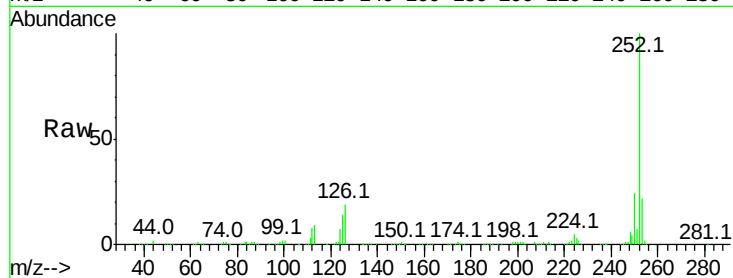
Tot Ion:252 Resp: 1142349

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

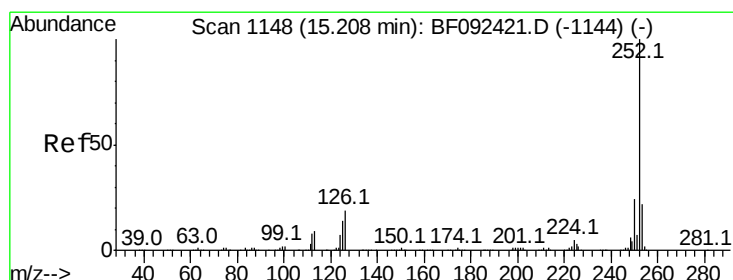
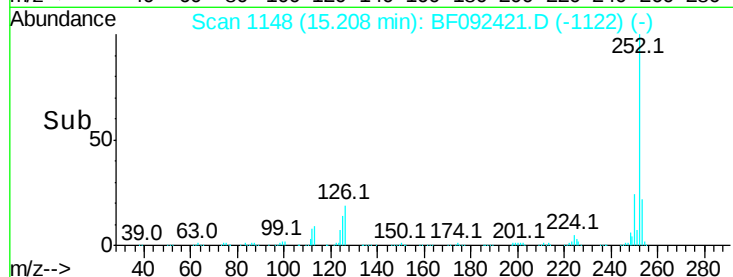
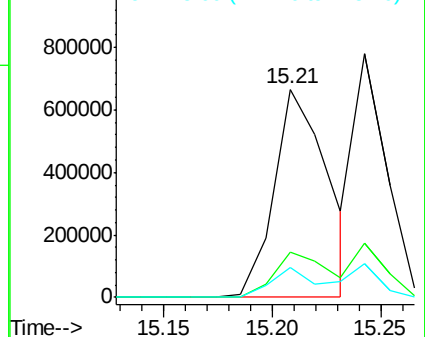
125 14.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.27 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.03 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

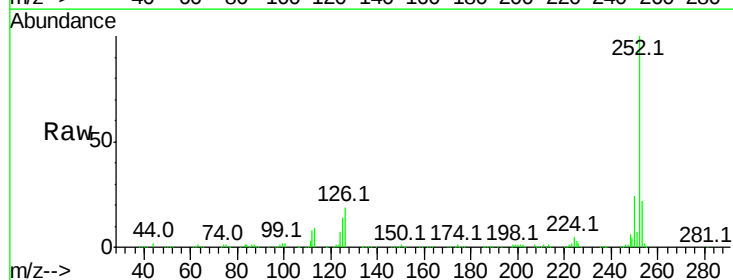
Tgt Ion:252 Resp: 1142349

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

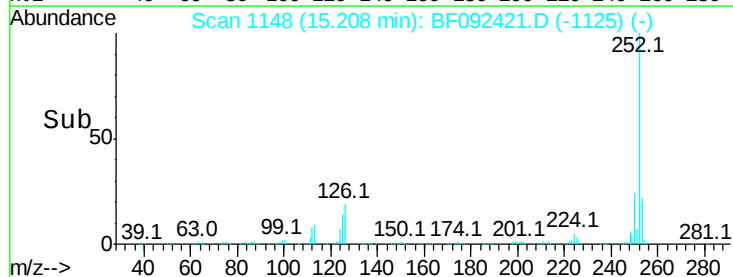
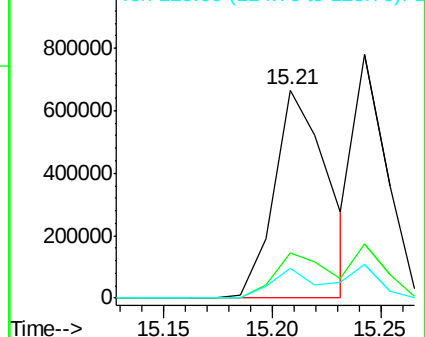
125 14.4 8.9 13.3#

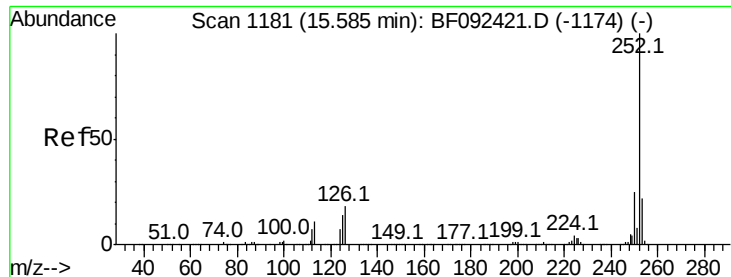


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.07 ng

RT: 15.59 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

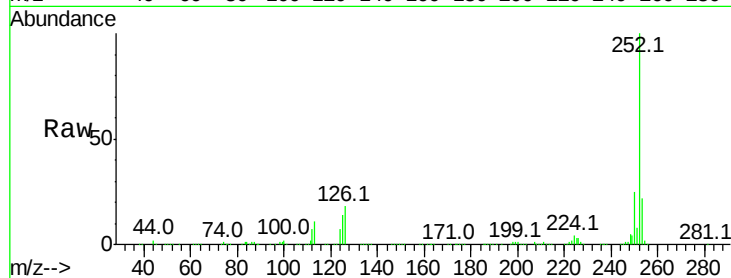
Tot Ion:252 Resp: 924161

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

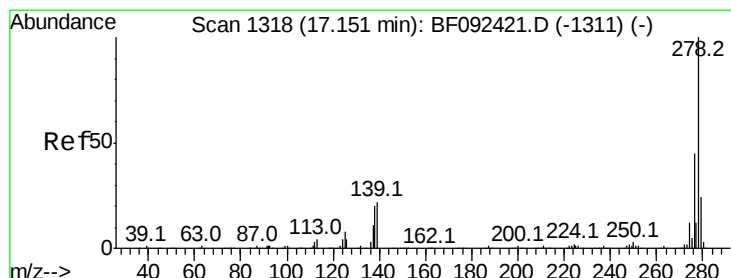
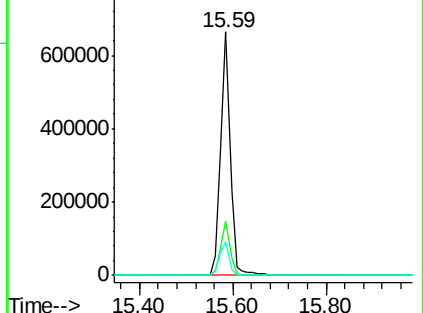
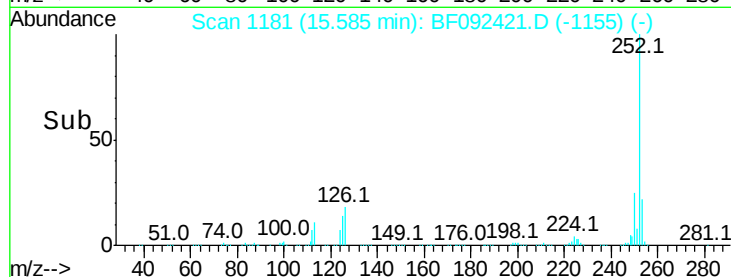
125 13.9 10.0 15.0



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: 37.37 ng

RT: 17.15 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

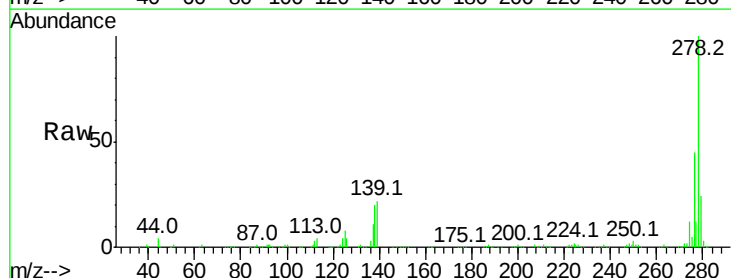
Tgt Ion:278 Resp: 726515

Ion Ratio Lower Upper

278 100

139 21.9 14.8 22.2

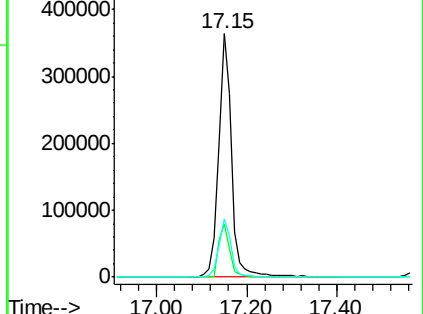
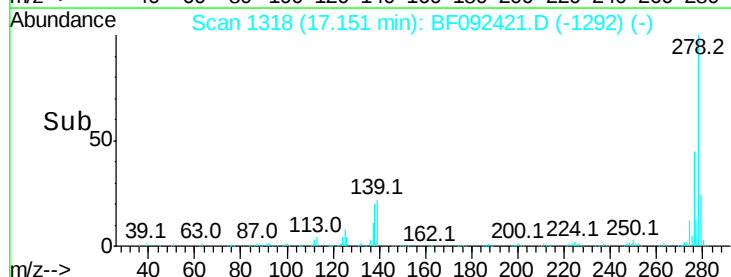
279 24.0 19.8 29.6

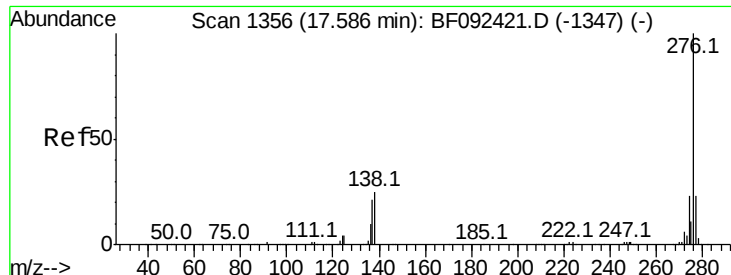


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.86 ng

RT: 17.59 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

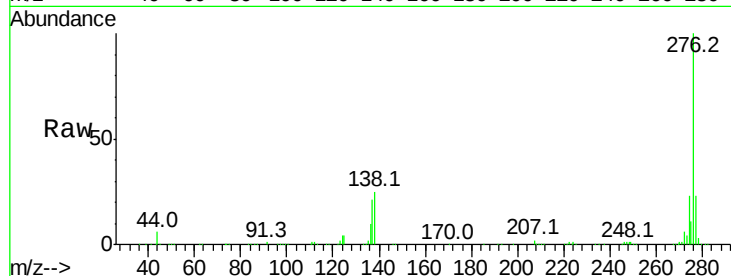
Tot Ion:276 Resp: 704787

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 25.3 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

