

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092477.D
 Acq On : 25 Jan 2017 15:32
 Operator : SJ/MA
 Sample : PB96241BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 17:23:06 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 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174514	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	712226	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	416520	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	640511	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	526894	20.00	ng	-0.01
86) Perylene-d12	15.63	264	410634	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	1257175	112.08	ng	0.02
7) Phenol-d6	6.59	99	1755159	122.85	ng	0.00
23) Nitrobenzene-d5	7.54	82	1108385	85.01	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	317799	111.96	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1690417	75.05	ng	-0.01
78) Terphenyl-d14	13.11	244	1560098	78.85	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	194140	32.55	ng	# 83
3) Pyridine	3.46	79	546262	32.17	ng	# 84
4) n-Nitrosodimethylamine	3.41	42	304304	36.52	ng	# 82
6) Aniline	6.62	93	606850	28.47	ng	# 47
8) 2-Chlorophenol	6.75	128	469613	39.86	ng	# 93
9) Benzaldehyde	6.51	77	274982	27.12	ng	# 90
10) Phenol	6.61	94	588806	34.14	ng	# 69
11) bis(2-Chloroethyl)ether	6.70	93	514380	39.87	ng	# 94
12) 1,3-Dichlorobenzene	6.91	146	552865	39.68	ng	# 96
13) 1,4-Dichlorobenzene	6.99	146	557591	39.76	ng	# 93
14) 1,2-Dichlorobenzene	7.14	146	494204	37.15	ng	# 99
15) Benzyl Alcohol	7.10	79	467320	43.40	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	965250	37.82	ng	# 93
17) 2-Methylphenol	7.22	107	423872	42.11	ng	# 97
18) Hexachloroethane	7.48	117	188608	39.04	ng	# 85
19) n-Nitroso-di-n-propylamine	7.39	70	381771	39.24	ng	# 96
20) 3+4-Methylphenols	7.38	107	526081	43.07	ng	# 91
22) Acetophenone	7.38	105	682537	40.24	ng	# 87
24) Nitrobenzene	7.55	77	534037	39.10	ng	# 99
25) Isophorone	7.80	82	1053603	41.01	ng	# 99
26) 2-Nitrophenol	7.87	139	254583	44.48	ng	# 93
27) 2,4-Dimethylphenol	7.92	122	486511	40.87	ng	# 91
28) bis(2-Chloroethoxy)methane	8.01	93	613348	36.37	ng	# 99
29) 2,4-Dichlorophenol	8.11	162	435746	42.22	ng	# 87
30) 1,2,4-Trichlorobenzene	8.20	180	445663	39.95	ng	# 95
31) Naphthalene	8.28	128	1354995	37.17	ng	# 99
32) Benzoic acid	8.04	122	338777	39.04	ng	# 90
33) 4-Chloroaniline	8.33	127	303934	19.71	ng	# 96
34) Hexachlorobutadiene	8.41	225	245267	40.20	ng	# 99
35) Caprolactam	8.70	113	81045	23.52	ng	# 20
36) 4-Chloro-3-methylphenol	8.82	107	489622	44.00	ng	# 88
37) 2-Methylnaphthalene	8.98	142	926700	40.16	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	450795	42.91	ng	# 99
40) Hexachlorocyclopentadiene	9.14	237	435909	82.85	ng	# 96

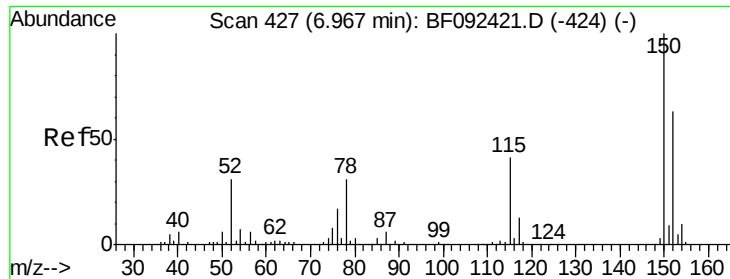
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092477.D
 Acq On : 25 Jan 2017 15:32
 Operator : SJ/MA
 Sample : PB96241BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 17:23:06 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 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	325409	40.42	nq	90
43) 2,4,5-Trichlorophenol	9.30	196	311700	42.32	nq	# 86
45) 1,1'-Biphenyl	9.45	154	1151734	38.25	nq	98
46) 2-Chloronaphthalene	9.47	162	874368	35.55	nq	96
47) 2-Nitroaniline	9.56	65	286117	34.55	nq	94
48) Acenaphthylene	9.89	152	1533687	42.52	nq	98
49) Dimethylphthalate	9.76	163	1123191	42.41	nq	99
50) 2,6-Dinitrotoluene	9.81	165	261990	48.39	nq	90
51) Acenaphthene	10.06	154	1002329	44.72	nq	98
52) 3-Nitroaniline	9.97	138	165791	24.45	nq	96
53) 2,4-Dinitrophenol	10.09	184	257339	74.67	nq	97
54) Dibenzofuran	10.24	168	1296427	42.60	nq	95
55) 4-Nitrophenol	10.13	139	391622	72.73	nq	95
56) 2,4-Dinitrotoluene	10.21	165	307420	42.78	nq	98
57) Fluorene	10.58	166	947559	41.99	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	255232	46.25	nq	99
59) Diethylphthalate	10.45	149	1010626	39.79	nq	98
60) 4-Chlorophenyl-phenylether	10.57	204	398088	36.37	nq	94
61) 4-Nitroaniline	10.60	138	286842	42.30	nq	89
62) Azobenzene	10.73	77	1148403	39.73	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	180847	51.94	nq	86
65) n-Nitrosodiphenylamine	10.69	169	888836	44.44	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	255305	39.48	nq	97
67) Hexachlorobenzene	11.13	284	271565	41.54	nq	97
68) Atrazine	11.22	200	275594	40.25	nq	99
69) Pentachlorophenol	11.32	266	337975	80.87	nq	98
70) Phenanthrene	11.54	178	1285155	36.43	nq	99
71) Anthracene	11.60	178	1578431	45.79	nq	98
72) Carbazole	11.74	167	1274458	38.72	nq	100
73) Di-n-butylphthalate	12.08	149	1498127	39.81	nq	98
74) Fluoranthene	12.73	202	1372935	39.79	nq	98
76) Benzidine	12.84	184	504088	25.77	nq	99
77) Pyrene	12.96	202	1379018	36.12	nq	99
79) Butylbenzylphthalate	13.57	149	660244	42.69	nq	96
80) Benzo(a)anthracene	14.15	228	1154271	40.76	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	291566	27.12	nq	# 96
82) Chrysene	14.18	228	999927	33.06	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	804368	41.30	nq	100
84) Di-n-octyl phthalate	14.75	149	1539424	43.53	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	942513	42.12	nq	95
87) Benzo(b)fluoranthene	15.20	252	1272966	48.29	nq	98
88) Benzo(k)fluoranthene	15.20	252	1272966	58.07	nq	# 97
89) Benzo(a)pyrene	15.57	252	996770	44.70	nq	97
90) Dibenzo(a,h)anthracene	17.14	278	786347	43.61	nq	99
91) Benzo(g,h,i)perylene	17.56	276	776442	42.57	nq	# 90

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

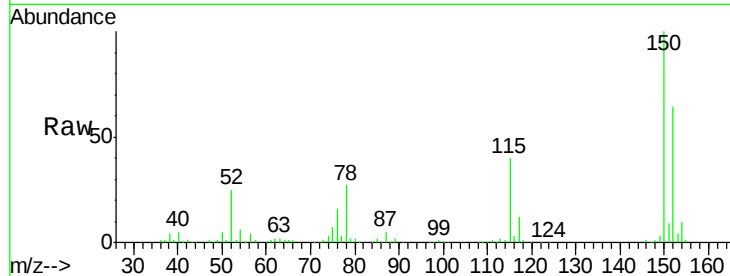


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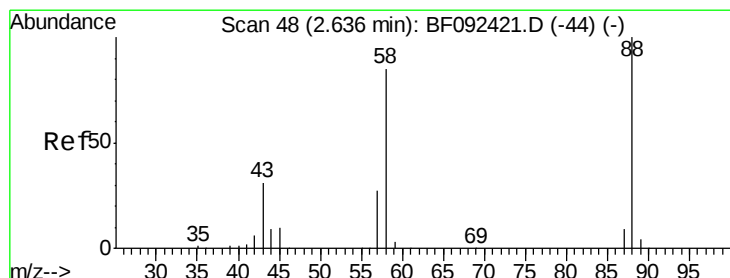
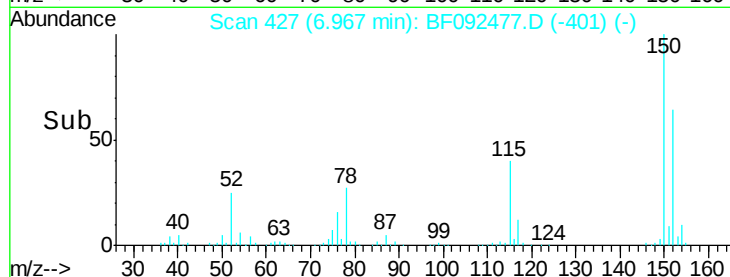
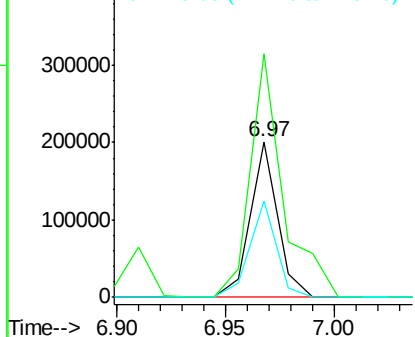
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174514
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 62.1 46.0 69.0



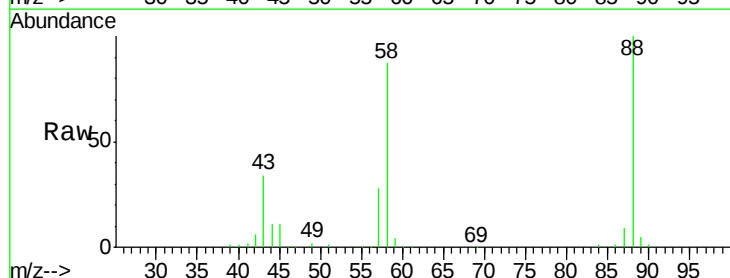
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



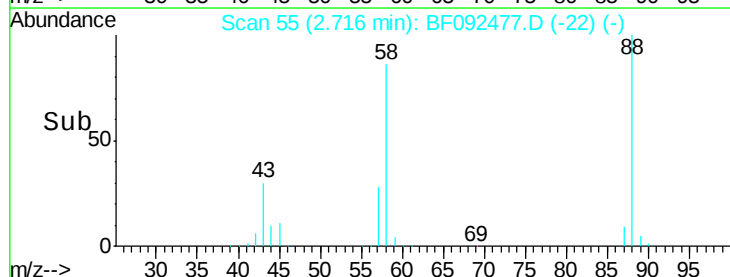
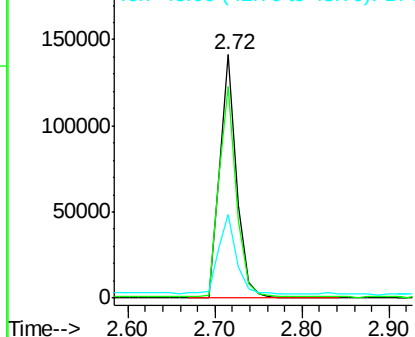
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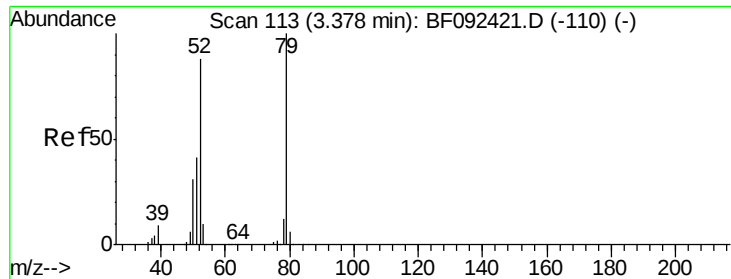
1,4-Dioxane
Concen: 32.55 ng
RT: 2.72 min Scan# 55
Delta R.T. 0.08 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion: 88 Resp: 194140
Ion Ratio Lower Upper
88 100
58 88.6 57.8 86.8#
43 33.7 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: 32.17 ng

RT: 3.46 min Scan# 120

Delta R.T. 0.08 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

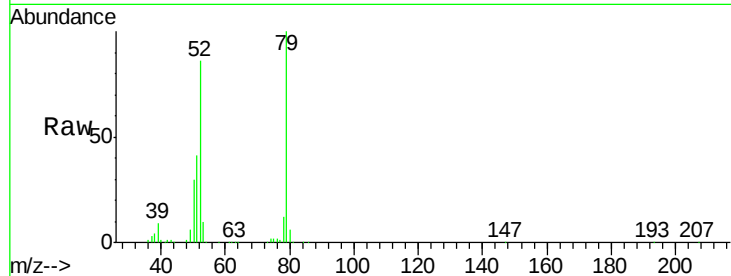
Tot Ion: 79 Resp: 546262

Ion Ratio Lower Upper

79 100

52 86.2 57.1 85.7#

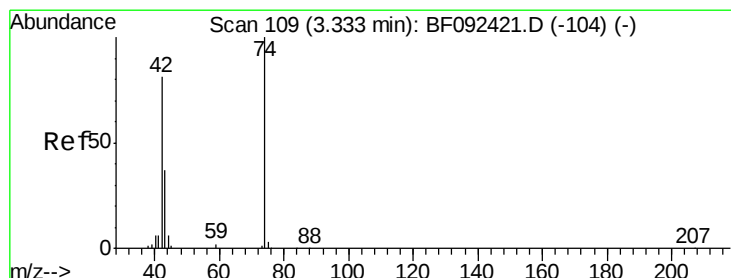
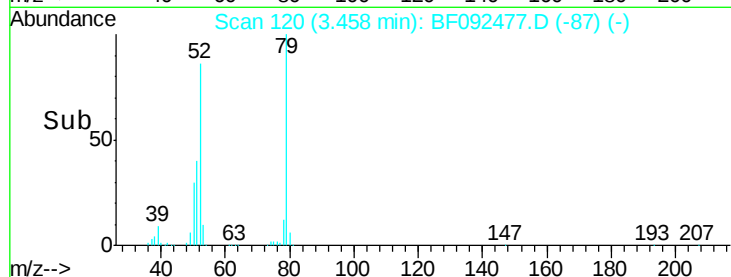
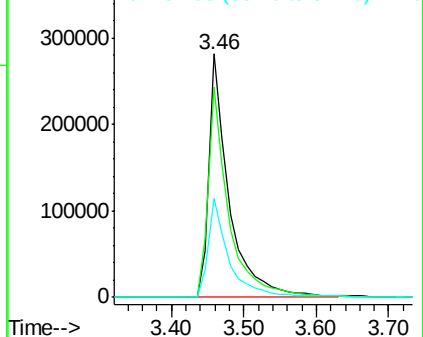
51 40.5 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.52 ng

RT: 3.41 min Scan# 116

Delta R.T. 0.08 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

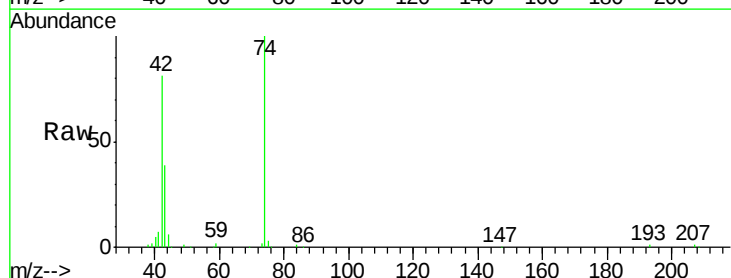
Tgt Ion: 42 Resp: 304304

Ion Ratio Lower Upper

42 100

74 123.3 117.0 175.4

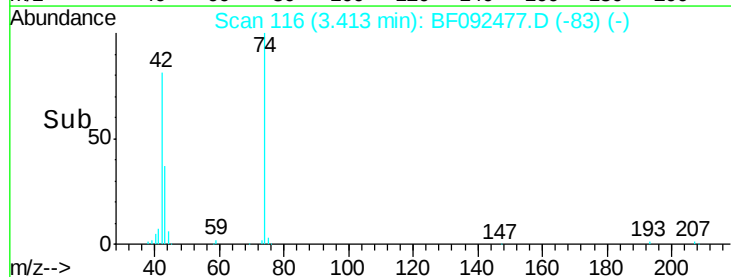
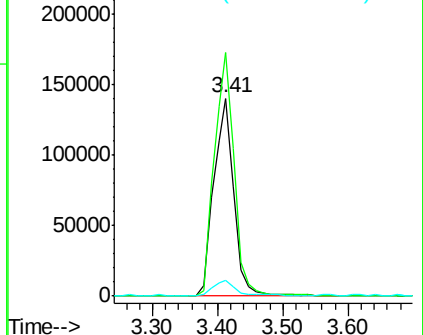
44 7.9 5.5 8.3

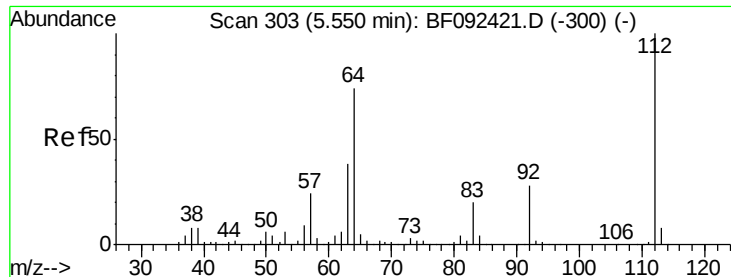


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 112.08 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampled :

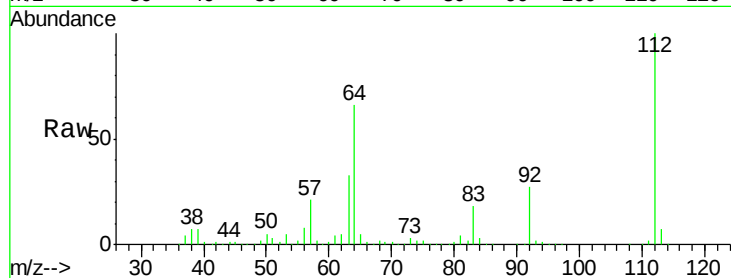
Tot Ion:112 Resp: 1257175

Ion Ratio Lower Upper

112 100

64 65.7 46.1 69.1

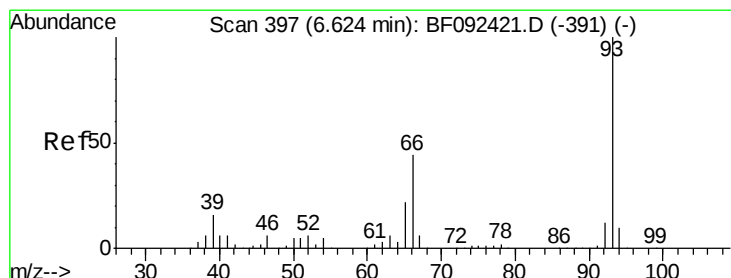
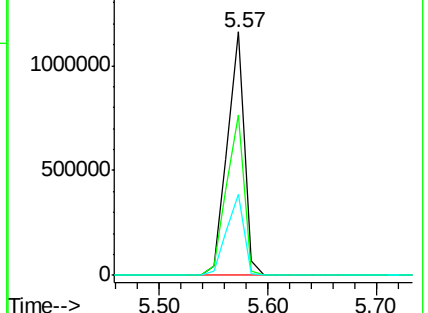
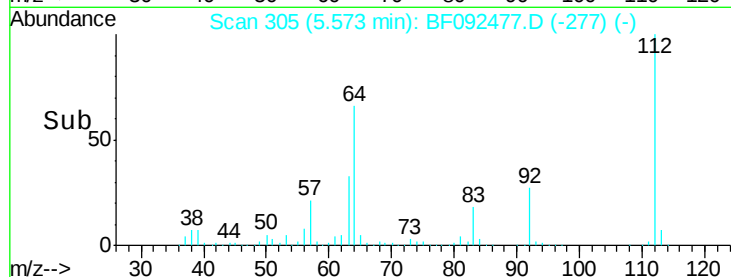
63 33.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.47 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

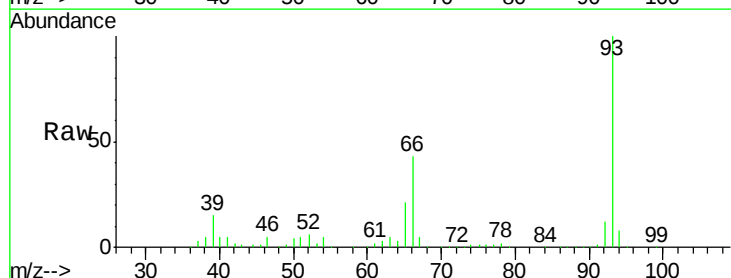
Tgt Ion: 93 Resp: 606850

Ion Ratio Lower Upper

93 100

66 43.2 76.2 114.2#

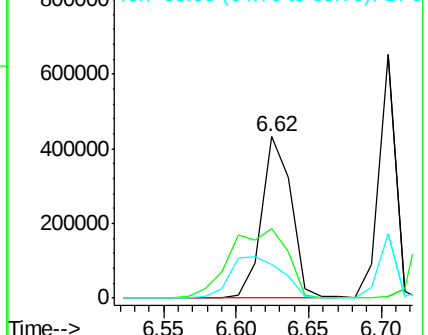
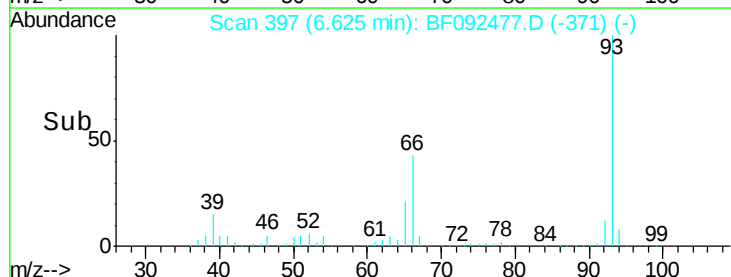
65 21.3 49.3 73.9#

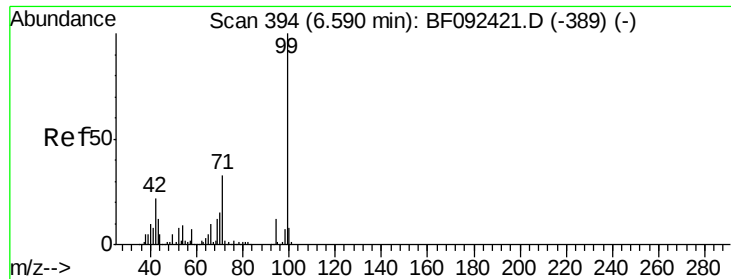


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.85 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampled :

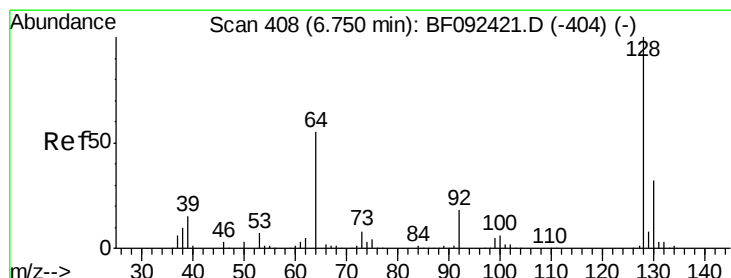
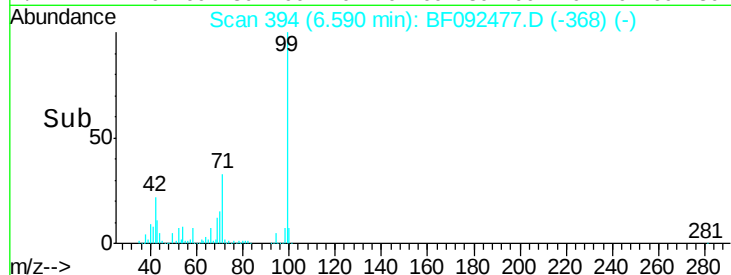
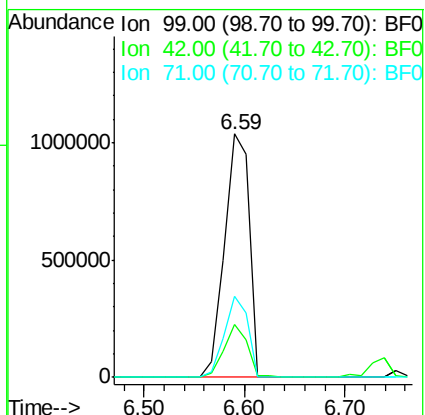
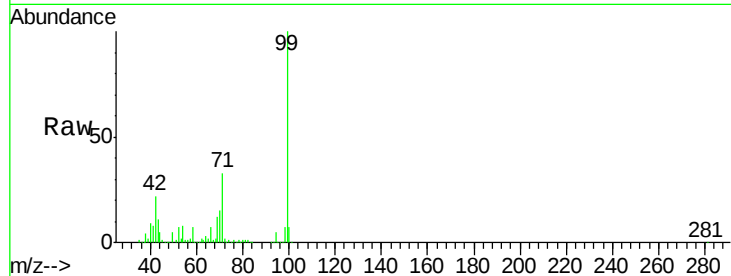
Tot Ion: 99 Resp: 1755159

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

71 33.2 27.5 41.3



#8

2-Chlorophenol

Concen: 39.86 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

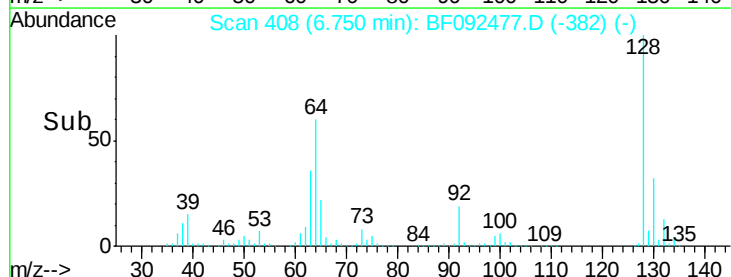
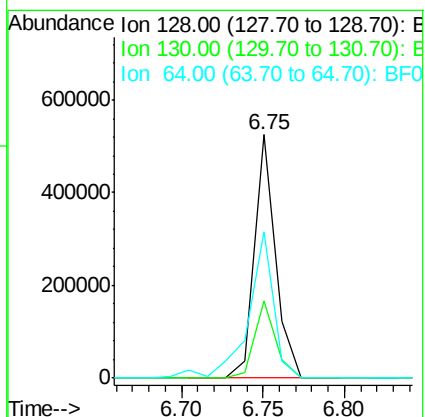
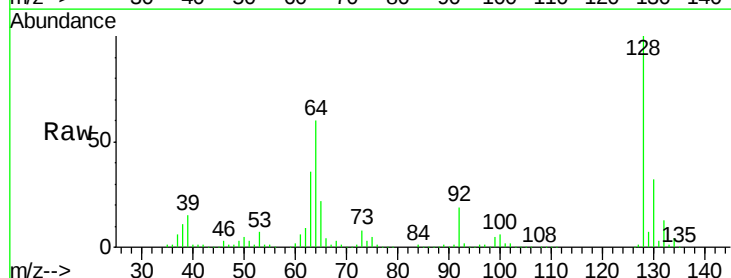
Tgt Ion:128 Resp: 469613

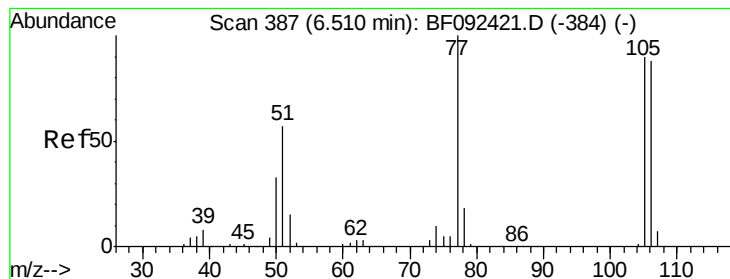
Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

64 60.1 32.2 72.2





#9

Benzaldehyde

Concen: 27.12 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

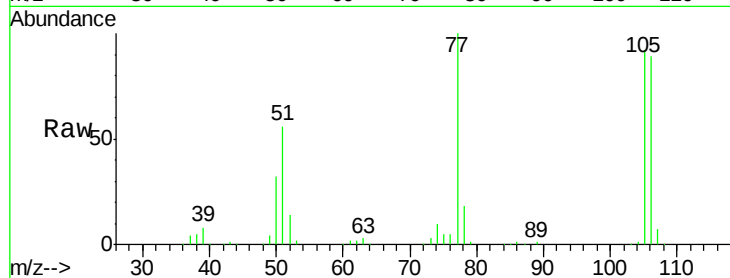
Tot Ion: 77 Resp: 274982

Ion Ratio Lower Upper

77 100

105 92.2 83.9 123.9

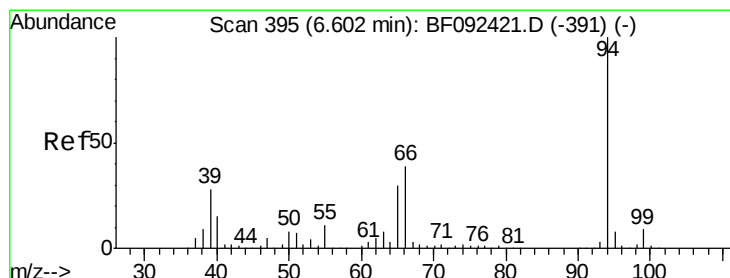
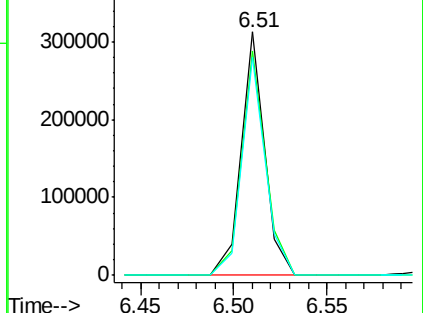
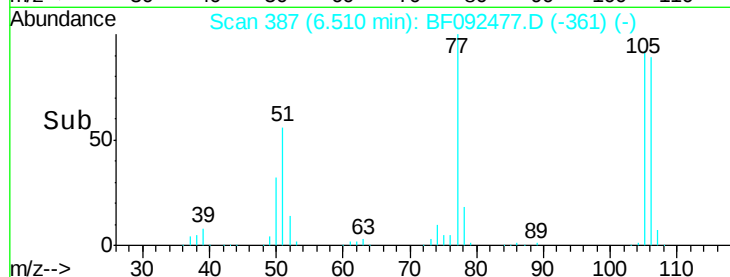
106 89.4 77.6 117.6



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: 34.14 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

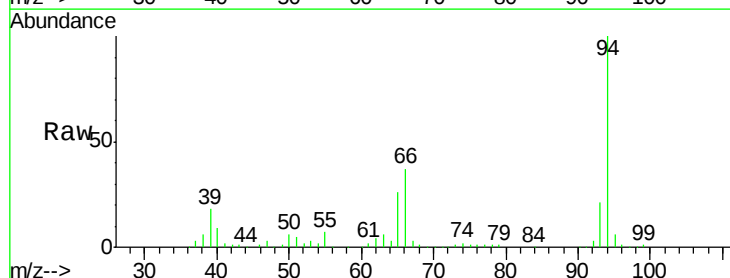
Tgt Ion: 94 Resp: 588806

Ion Ratio Lower Upper

94 100

65 26.2 21.4 61.4

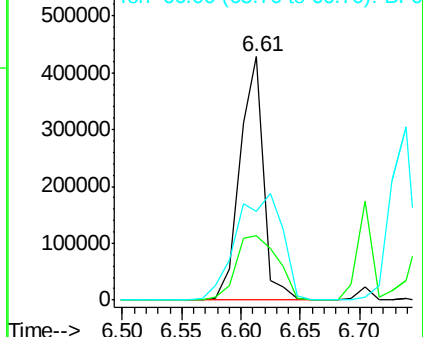
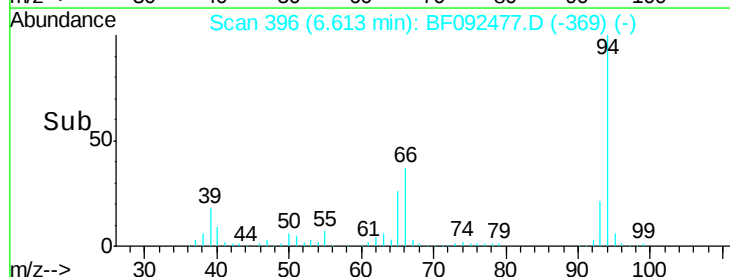
66 36.7 44.0 84.0#

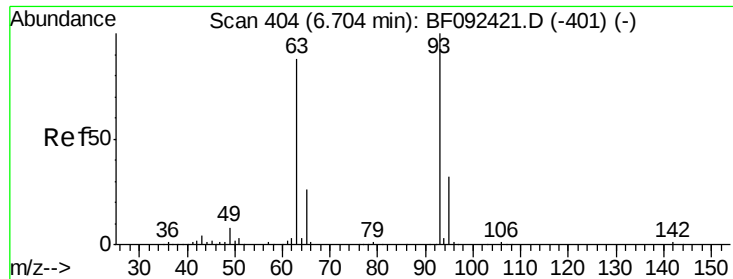


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

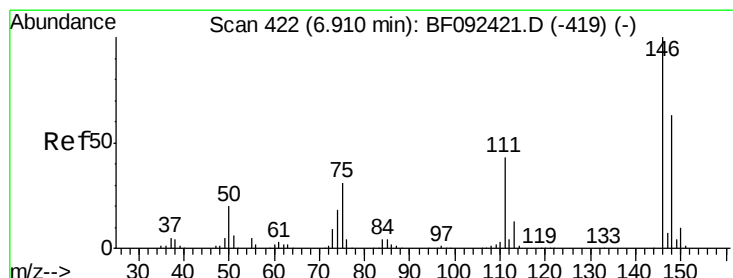
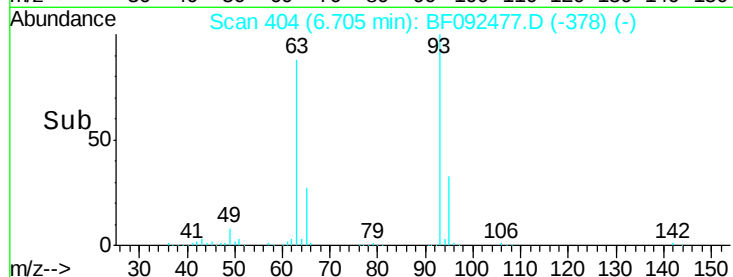
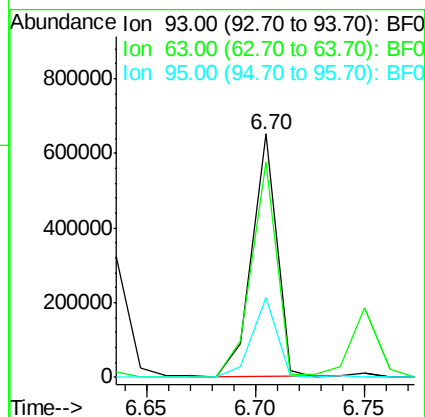
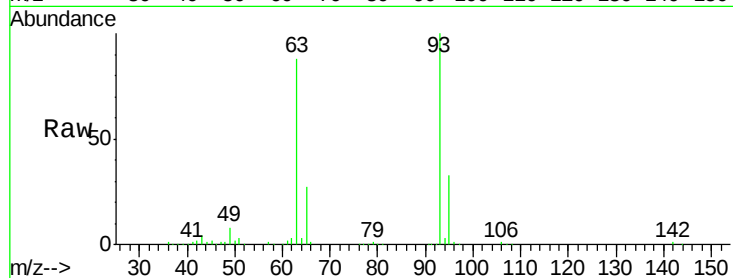




#11
bis(2-Chloroethyl)ether
Concen: 39.87 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

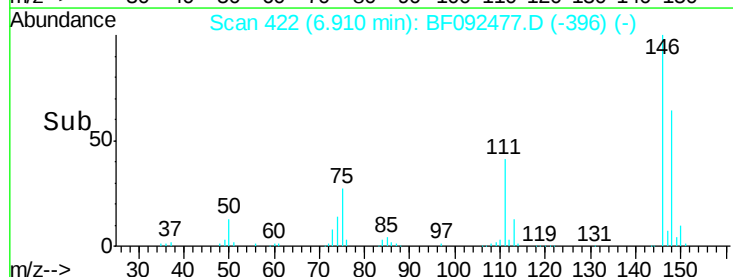
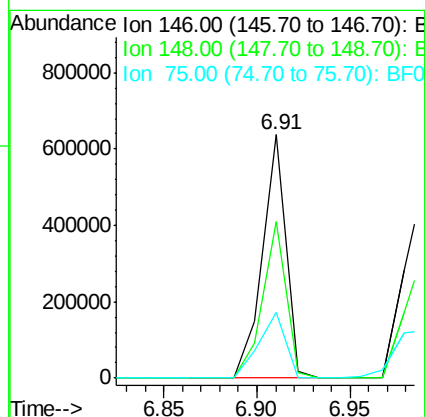
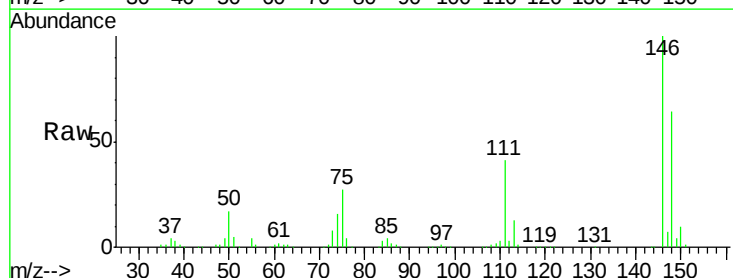
Instrument :
BNA_F
ClientSampleId :

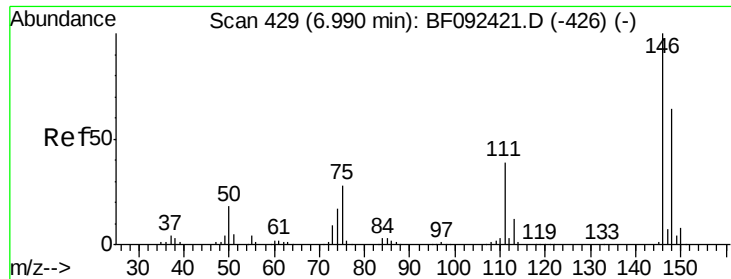
Tot Ion: 93 Resp: 514380
Ion Ratio Lower Upper
93 100
63 88.2 60.4 100.4
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.68 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion: 146 Resp: 552865
Ion Ratio Lower Upper
146 100
148 64.3 53.4 80.0
75 27.2 18.5 27.7

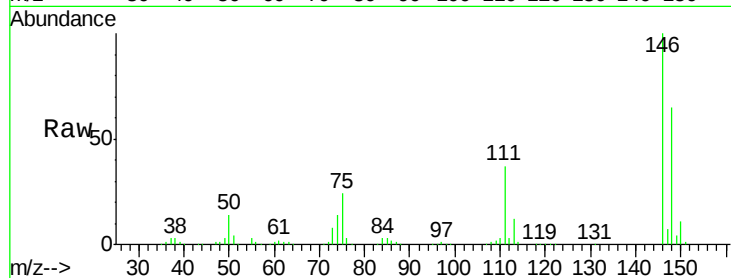




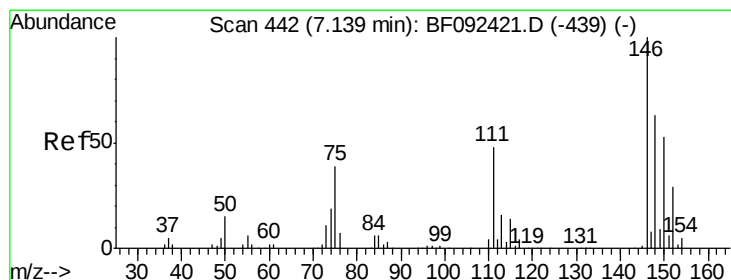
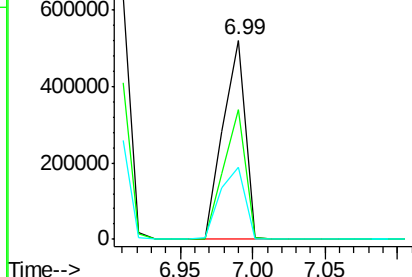
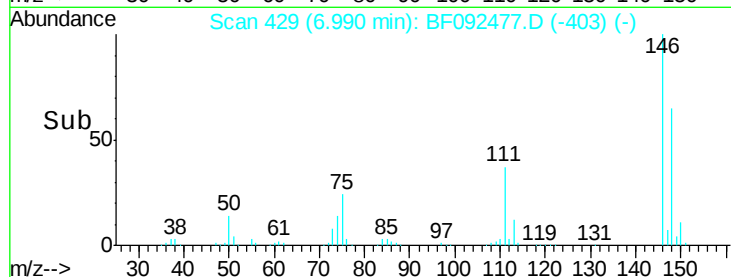
#13
 1,4-Dichlorobenzene
 Concen: 39.76 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 557591
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 76.0
 111 36.5 36.2 54.4

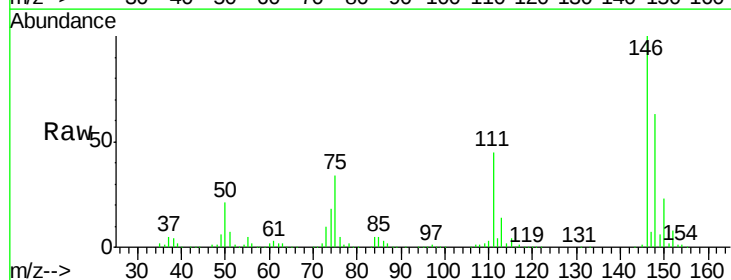


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

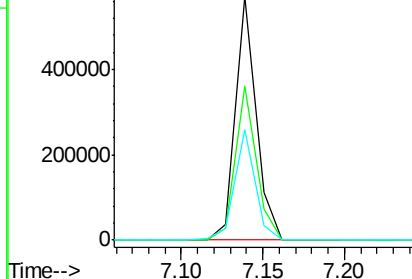
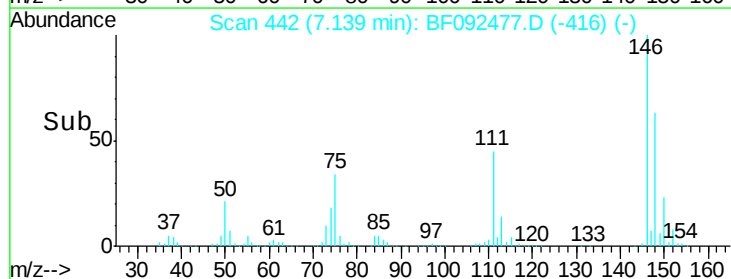


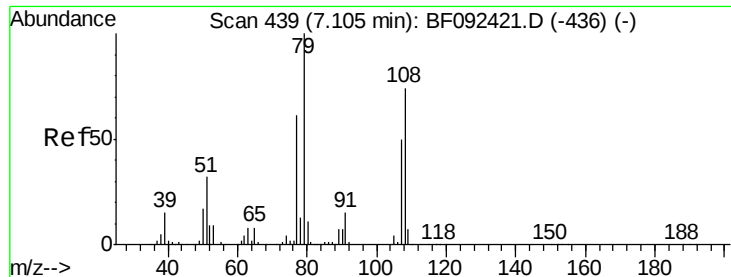
#14
 1,2-Dichlorobenzene
 Concen: 37.15 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:146 Resp: 494204
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 45.2 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

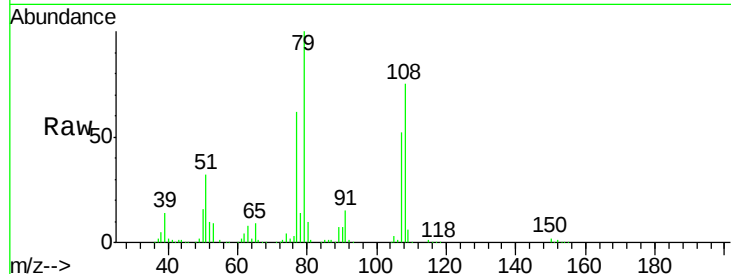




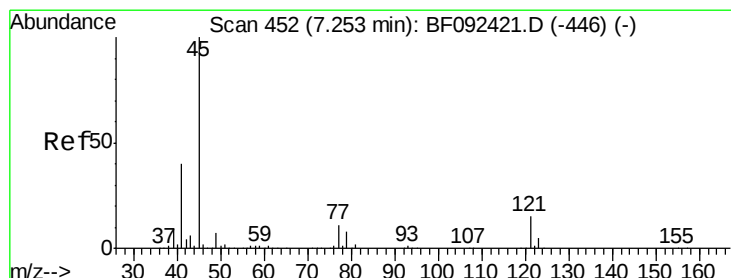
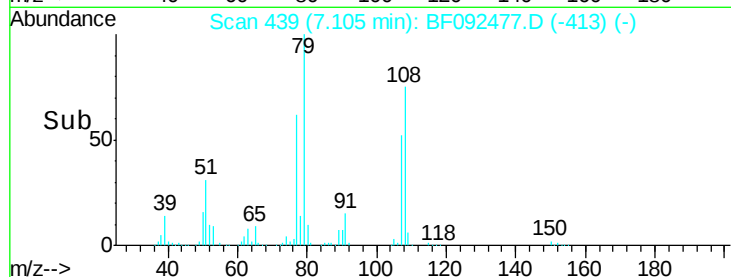
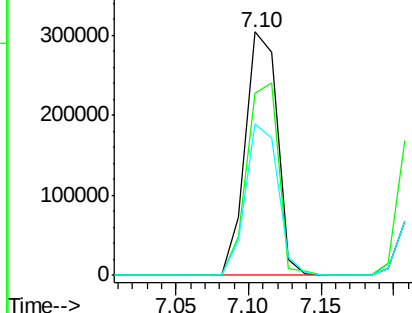
#15
Benzyl Alcohol
Concen: 43.40 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 467320
Ion Ratio Lower Upper
79 100
108 74.6 61.4 92.0
77 62.3 50.9 76.3

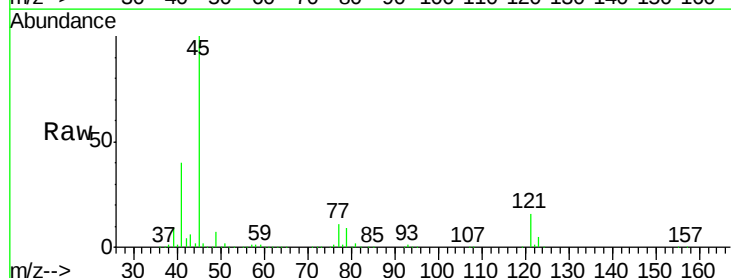


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

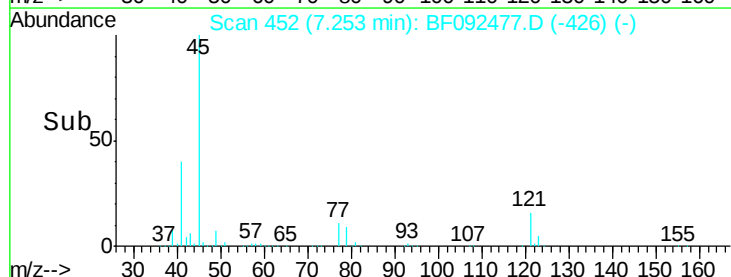
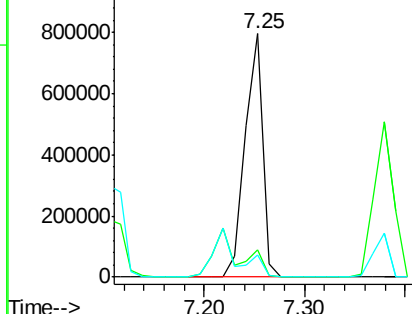


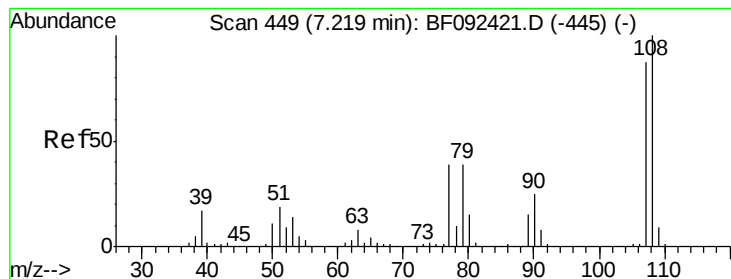
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.82 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion: 45 Resp: 965250
Ion Ratio Lower Upper
45 100
77 11.2 0.0 34.6
79 9.1 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

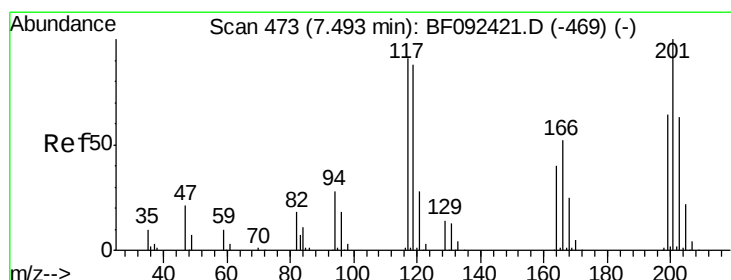
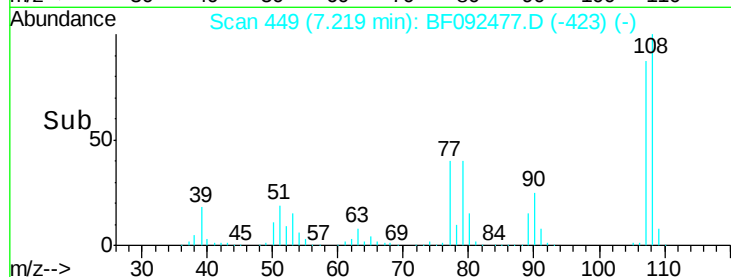
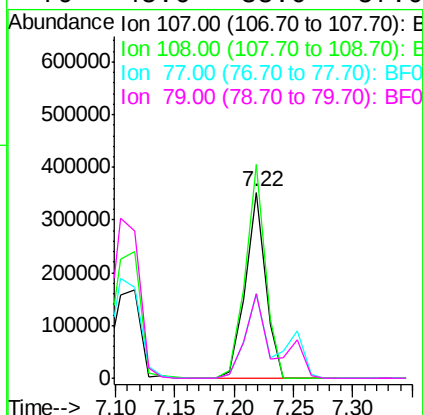
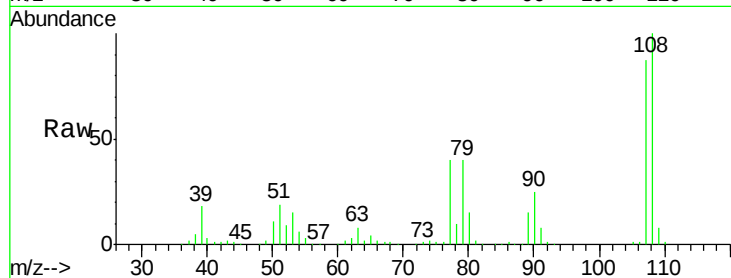




#17
2-Methylphenol
Concen: 42.11 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

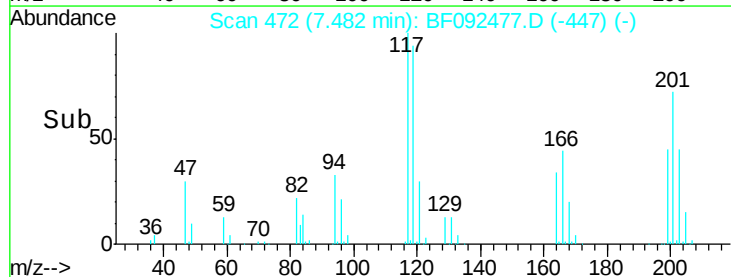
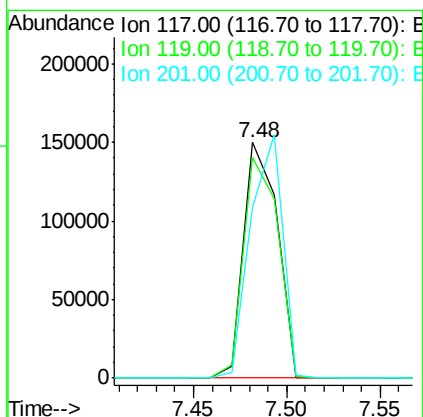
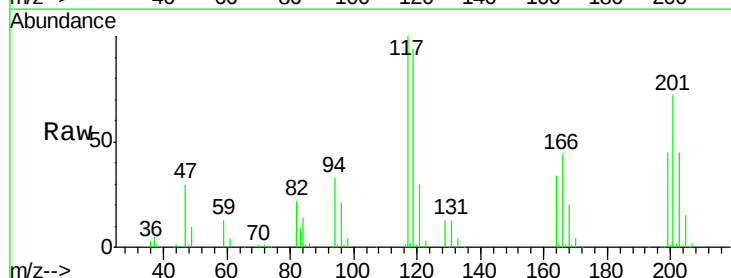
Instrument :
BNA_F
ClientSampleId :

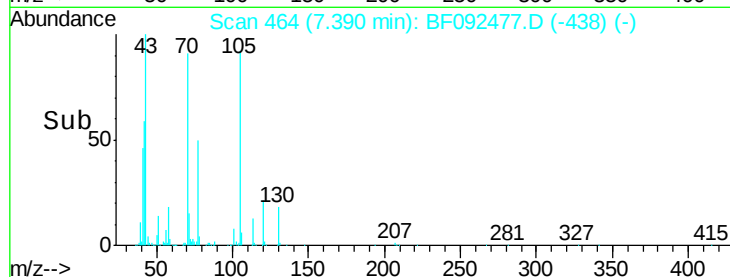
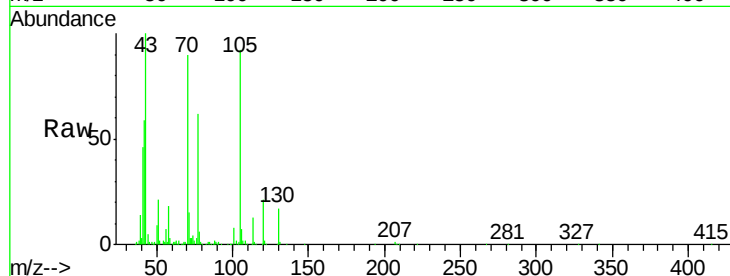
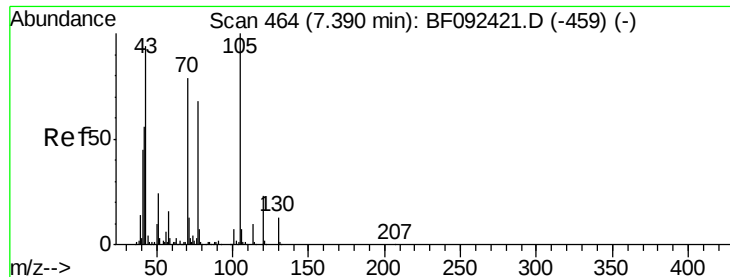
Tot Ion:	107	Resp:	423872
Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.0	139.6
77	45.5	39.8	59.8
79	45.6	38.0	57.0



#18
Hexachloroethane
Concen: 39.04 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:	117	Resp:	188608
Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.1	117.1
201	72.3	78.6	117.8#

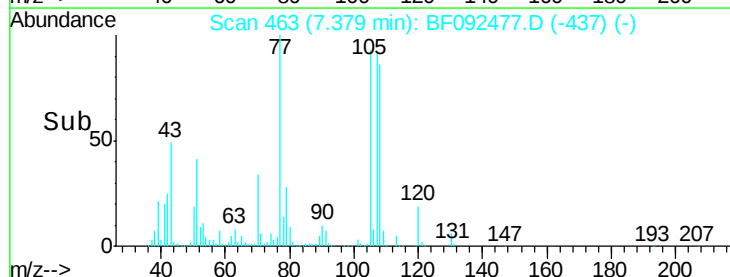
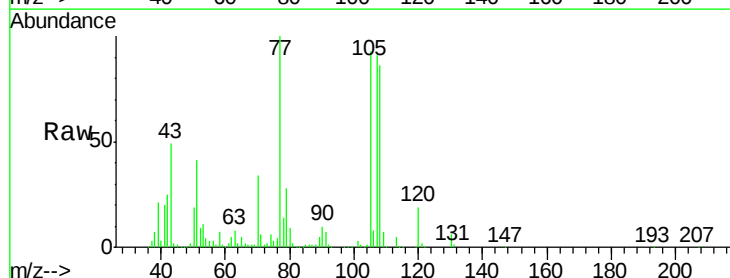
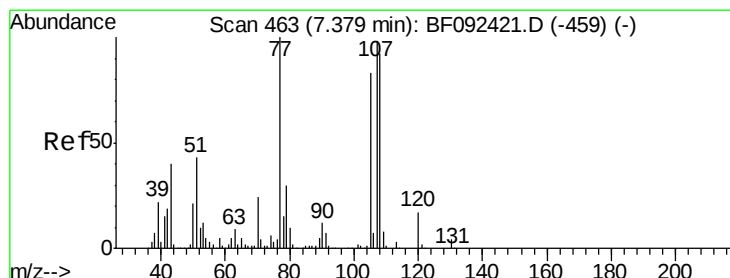
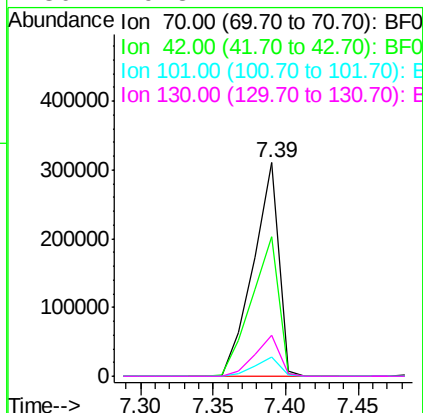




#19
n-Nitroso-di-n-propylamine
Concen: 39.24 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

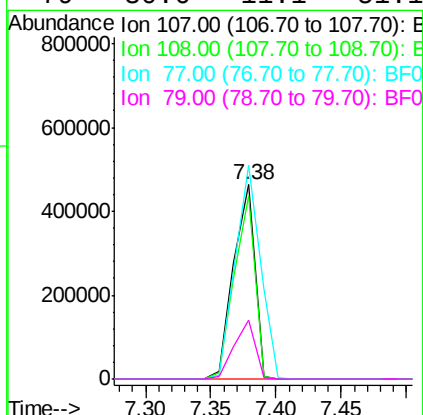
Instrument :
BNA_F
ClientSampleId :

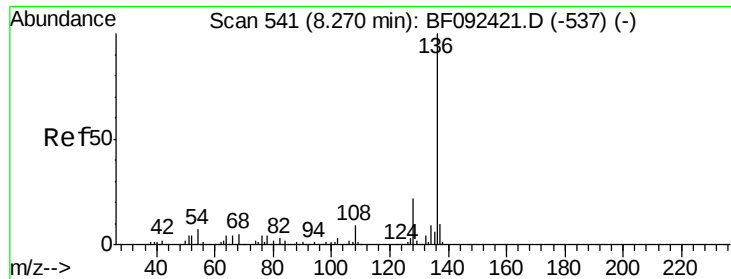
Tot Ion: 70 Resp: 381771
Ion Ratio Lower Upper
70 100
42 65.2 49.4 74.0
101 9.1 7.4 11.2
130 19.3 14.2 21.4



#20
3+4-Methylphenols
Concen: 43.07 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion: 107 Resp: 526081
Ion Ratio Lower Upper
107 100
108 94.6 73.0 113.0
77 110.1 71.3 111.3
79 30.6 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 712226

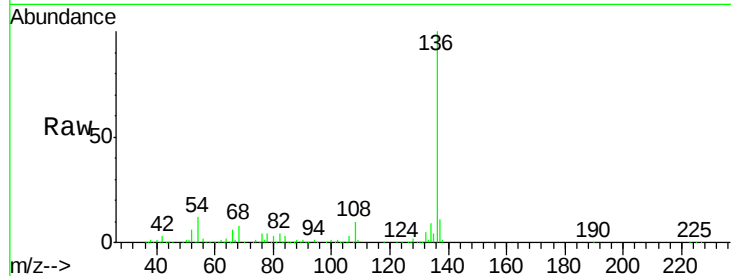
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.6 4.5 6.7#

68 7.8 3.6 5.4#

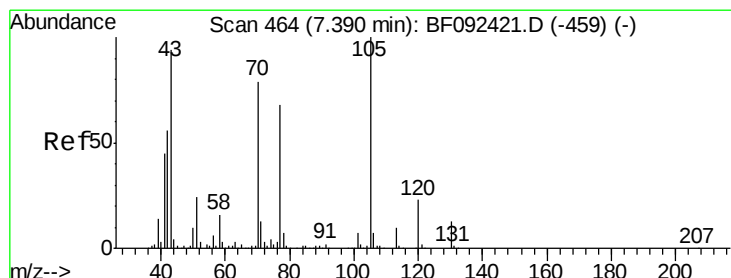
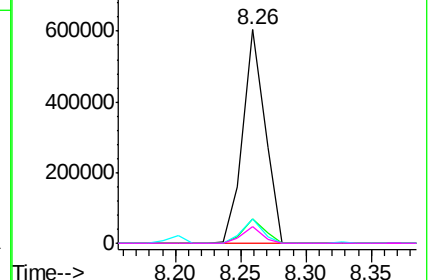
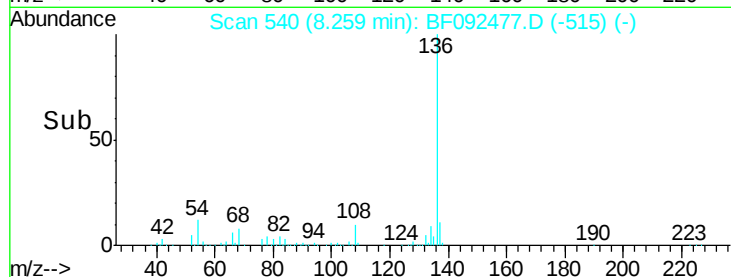


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.24 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Tgt Ion:105 Resp: 682537

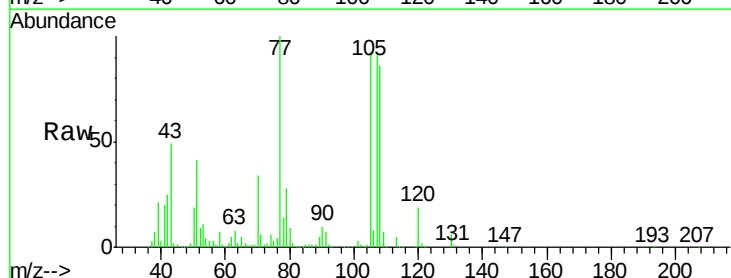
Ion Ratio Lower Upper

105 100

71 6.1 3.2 4.8#

51 44.6 26.2 39.4#

120 20.8 16.6 24.8

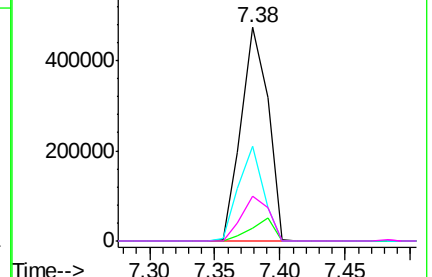
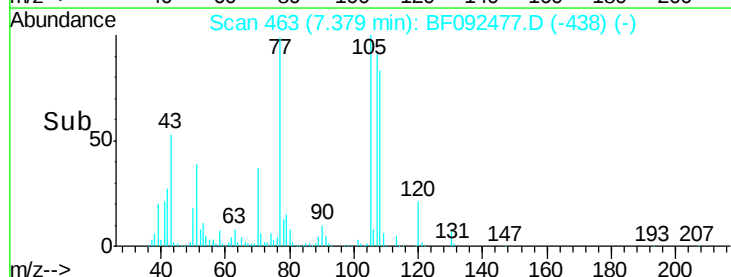


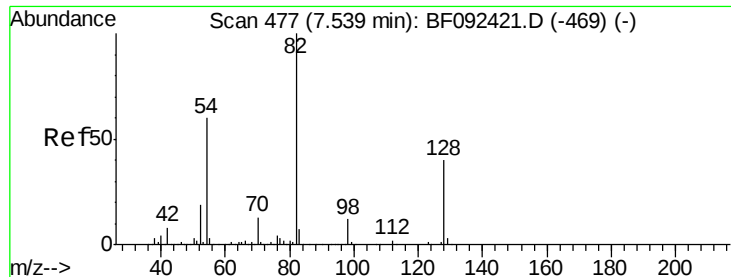
Abundance Ion 105.00 (104.70 to 105.70): E

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

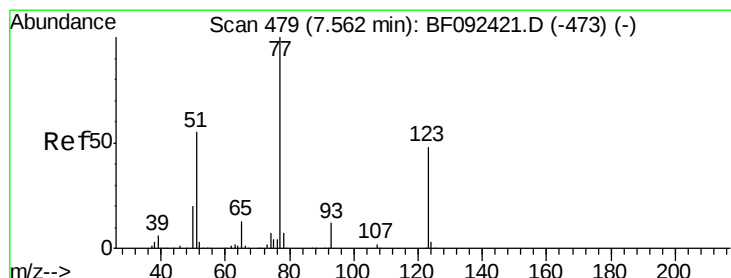
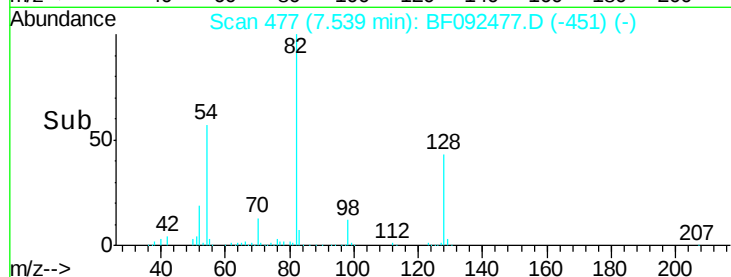
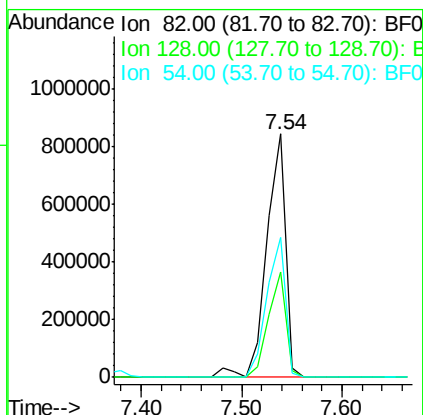
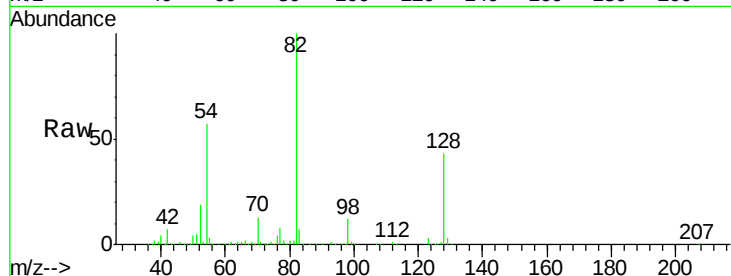




#23
 Nitrobenzene-d5
 Concen: 85.01 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

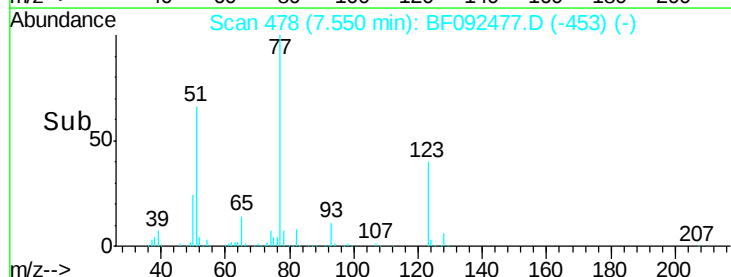
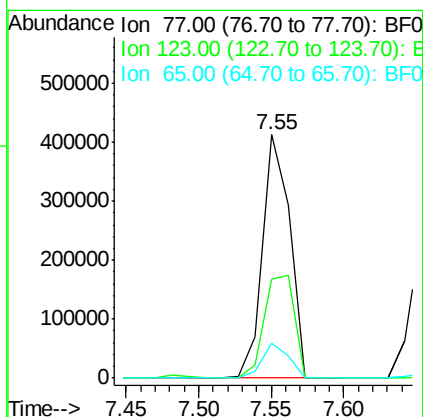
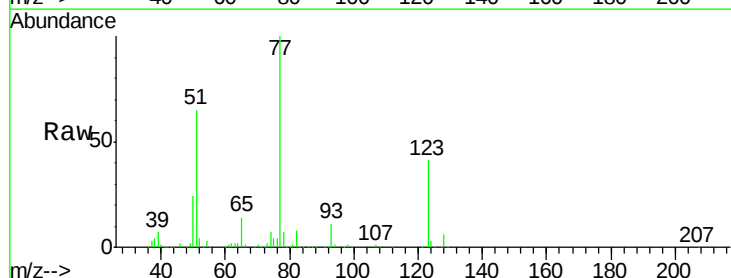
Instrument :
 BNA_F
 ClientSampleId :

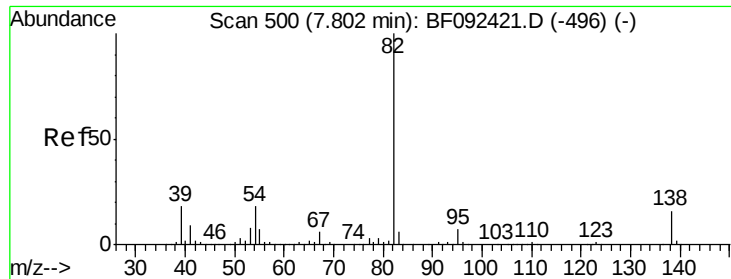
Tot Ion: 82 Resp: 1108385
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 52.0
 54 57.5 39.5 59.3



#24
 Nitrobenzene
 Concen: 39.10 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion: 77 Resp: 534037
 Ion Ratio Lower Upper
 77 100
 123 40.7 33.0 49.4
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 41.01 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampled :

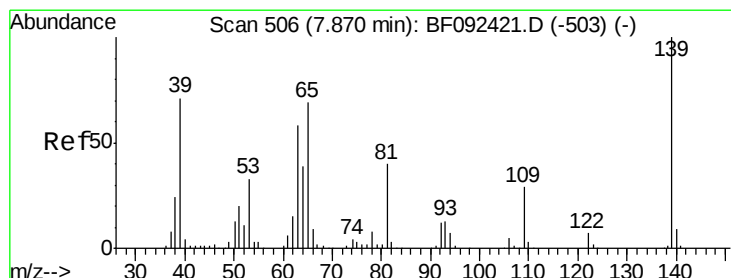
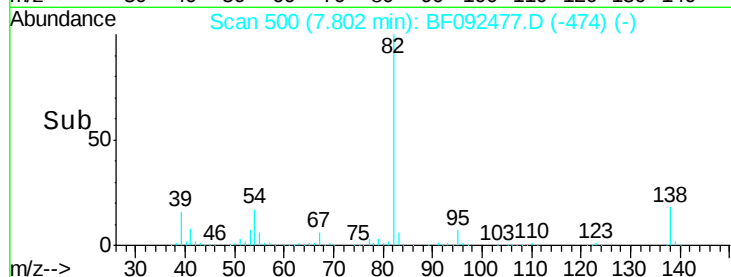
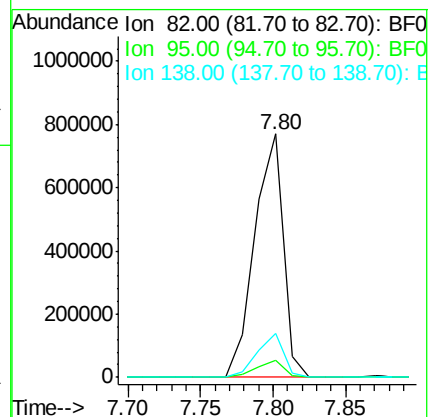
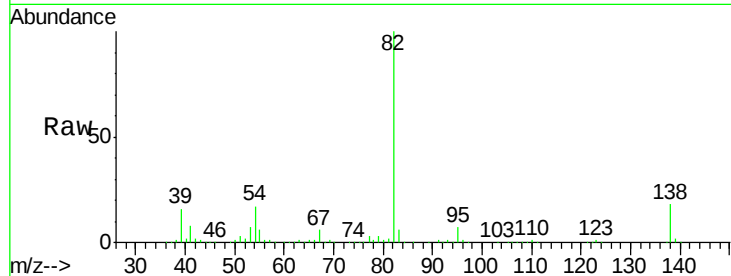
Tot Ion: 82 Resp: 1053603

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 17.9 14.6 22.0



#26

2-Nitrophenol

Concen: 44.48 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

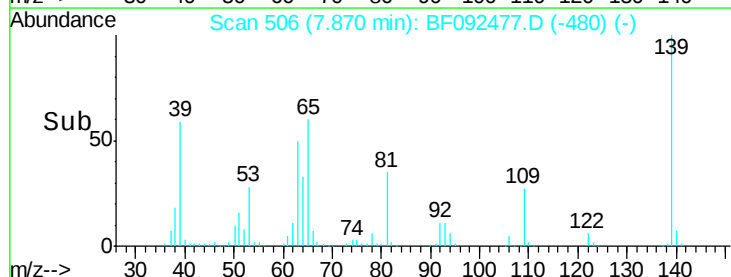
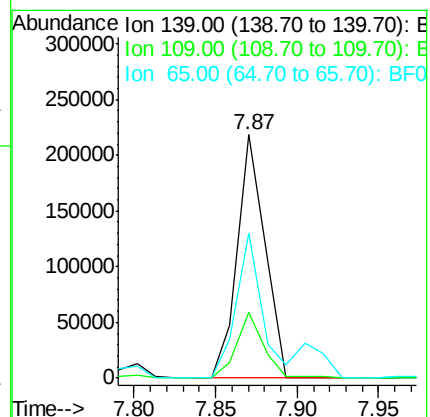
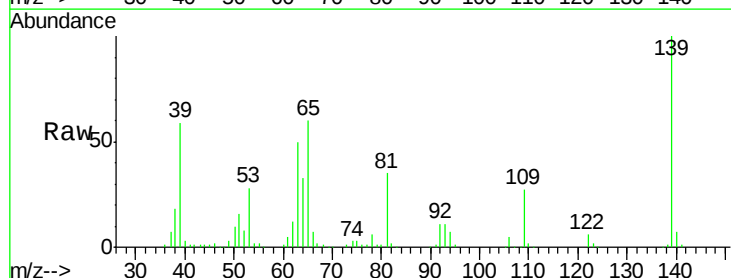
Tgt Ion: 139 Resp: 254583

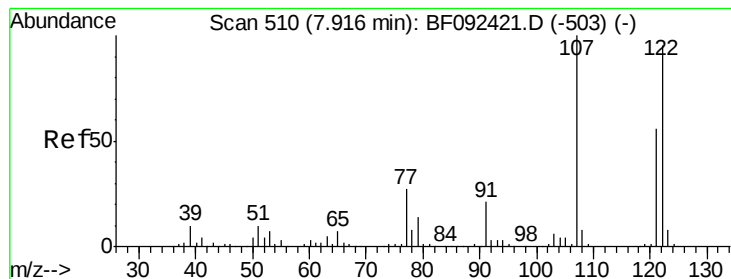
Ion Ratio Lower Upper

139 100

109 27.1 23.3 34.9

65 59.6 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 40.87 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

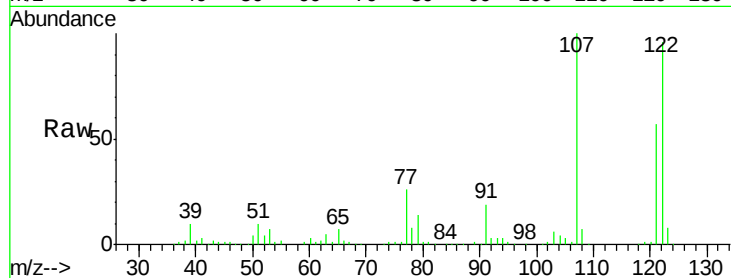
Tot Ion:122 Resp: 486511

Ion Ratio Lower Upper

122 100

107 104.5 94.1 141.1

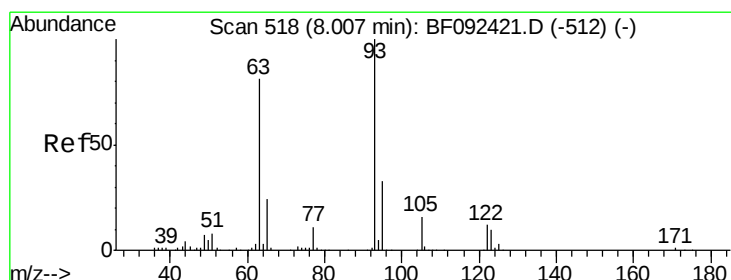
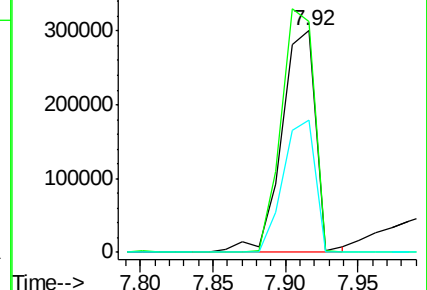
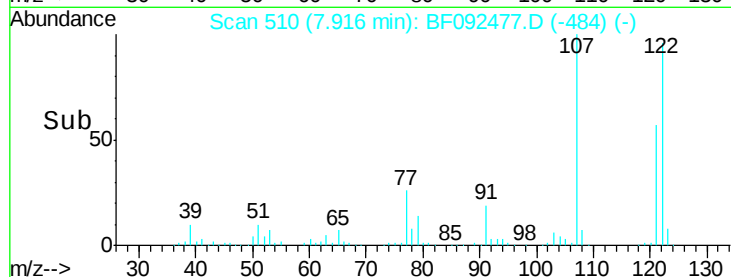
121 59.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.37 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

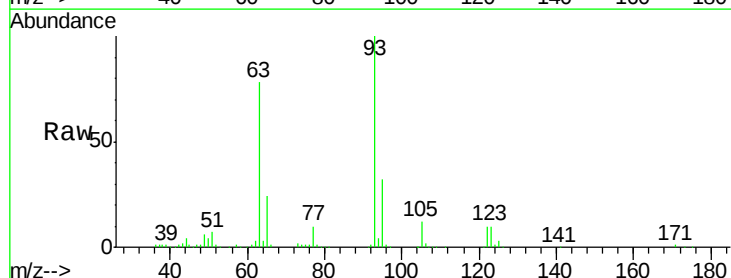
Tgt Ion: 93 Resp: 613348

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

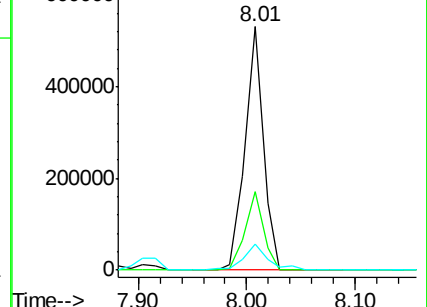
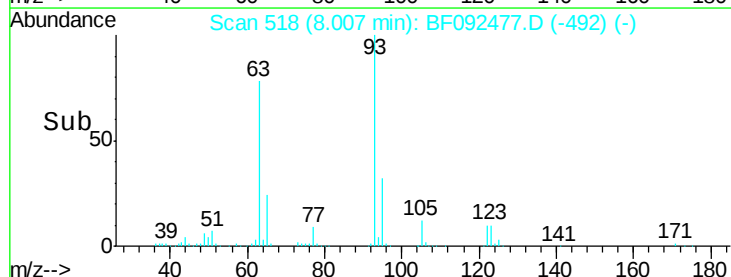
123 10.5 8.6 13.0

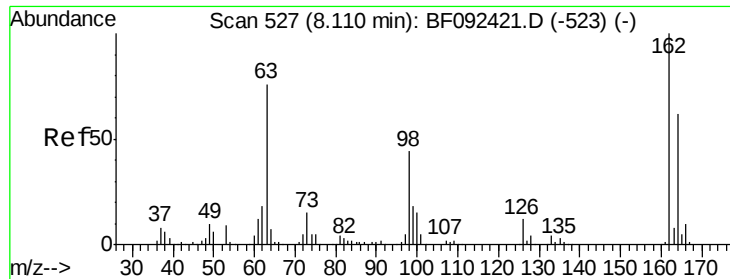


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

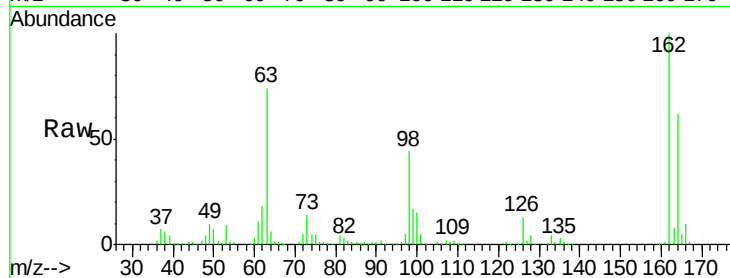




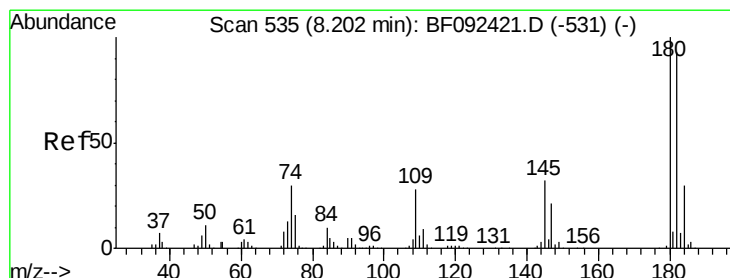
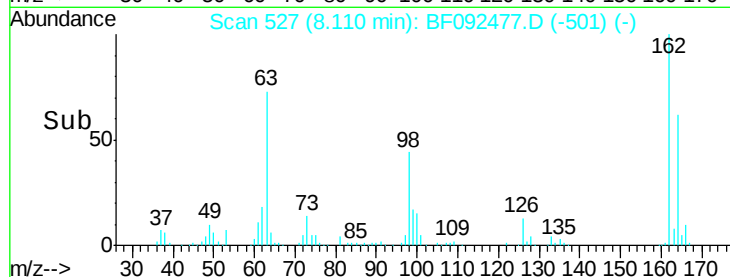
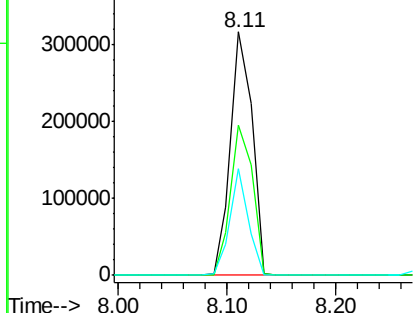
#29
 2,4-Dichlorophenol
 Concen: 42.22 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 435746
 Ion Ratio Lower Upper
 162 100
 164 61.6 46.8 86.8
 98 43.9 9.1 49.1

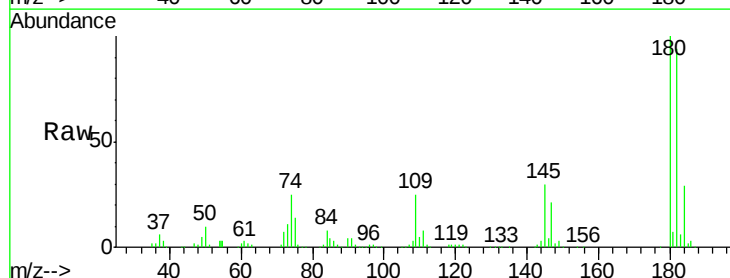


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

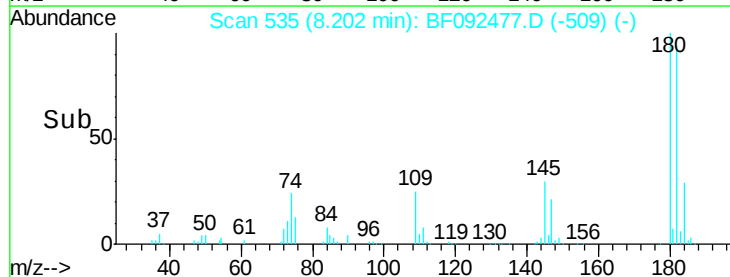
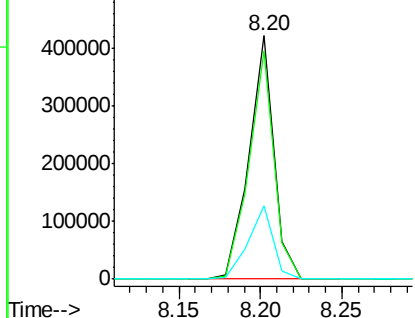


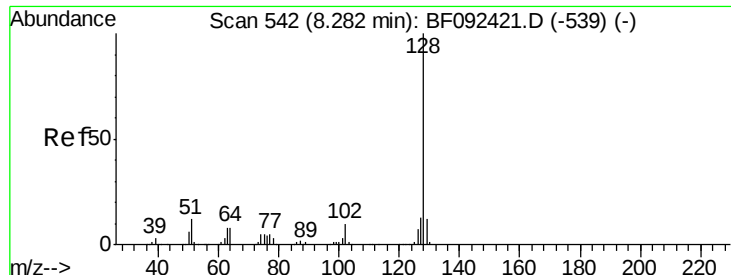
#30
 1,2,4-Trichlorobenzene
 Concen: 39.95 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:180 Resp: 445663
 Ion Ratio Lower Upper
 180 100
 182 93.7 78.2 117.4
 145 30.0 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

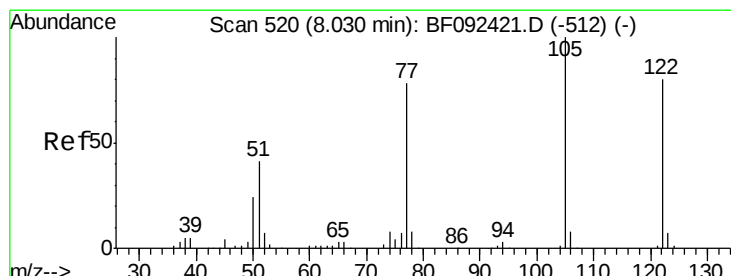
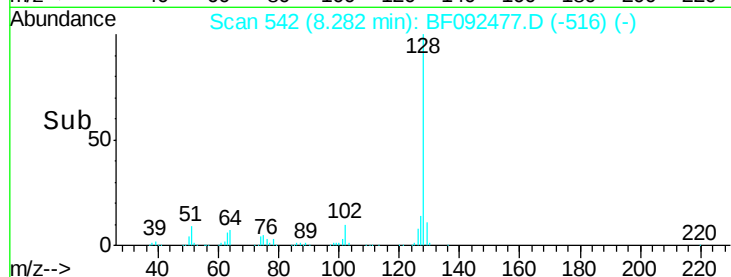
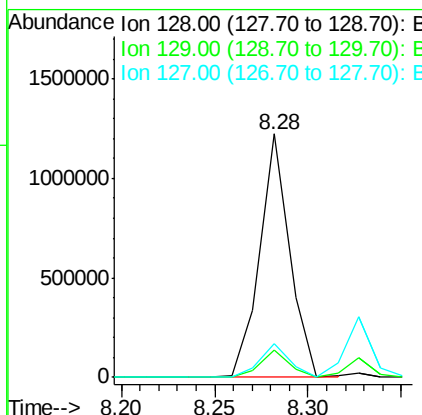
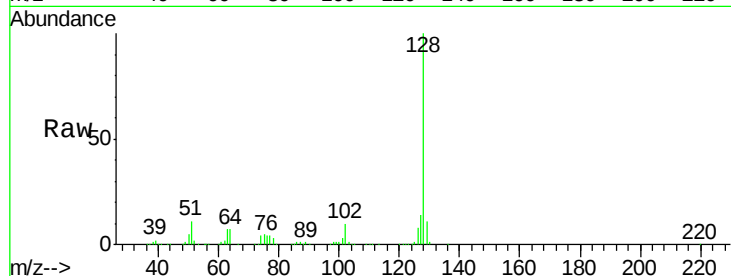




#31
Naphthalene
Concen: 37.17 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

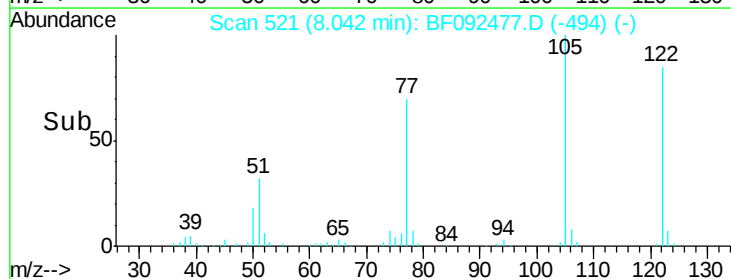
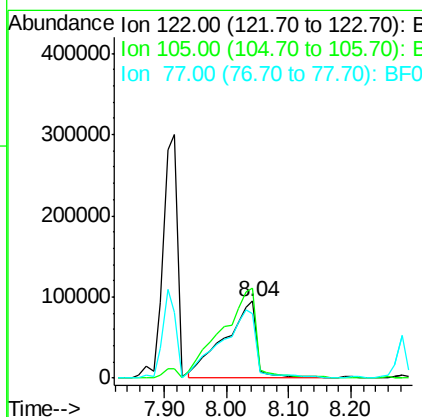
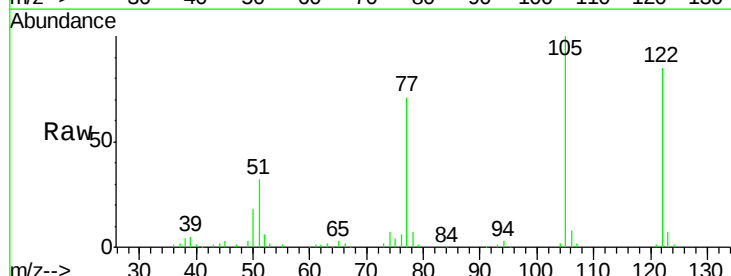
Instrument :
BNA_F
ClientSampleId :

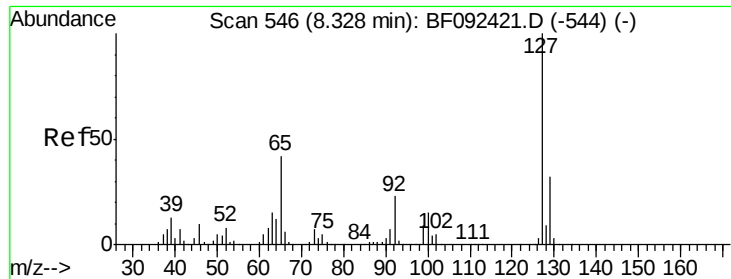
Tot Ion:128 Resp: 1354995
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 39.04 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:122 Resp: 338777
Ion Ratio Lower Upper
122 100
105 117.6 107.2 147.2
77 83.2 74.5 114.5

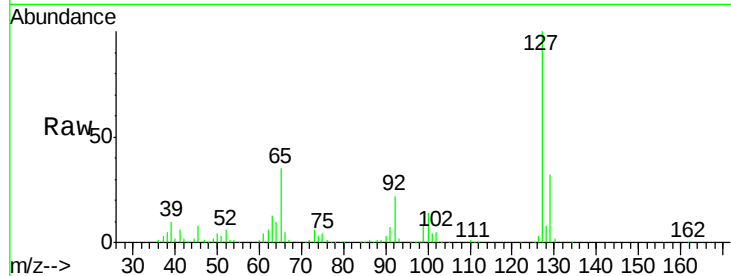




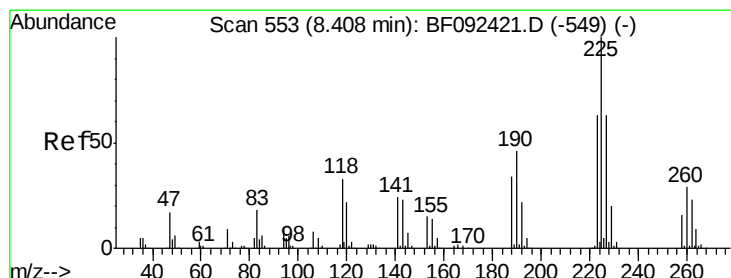
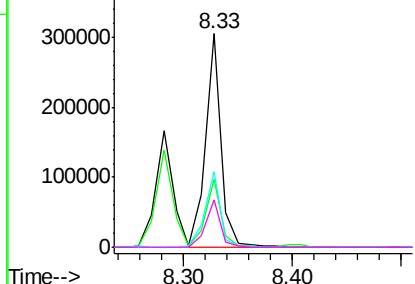
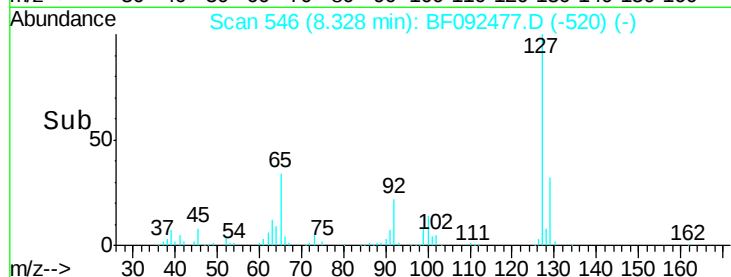
#33
4-Chloroaniline
Concen: 19.71 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	303934
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	35.4	25.8	38.8
92	21.9	16.1	24.1

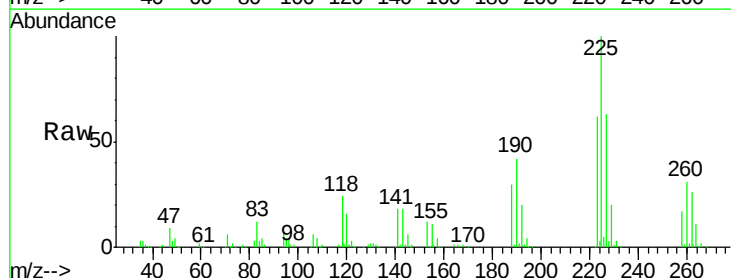


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

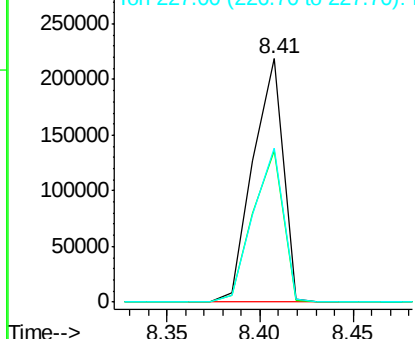
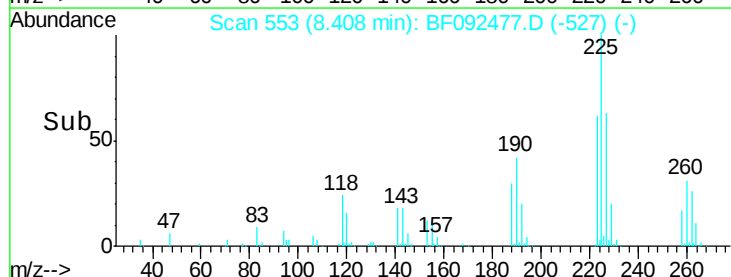


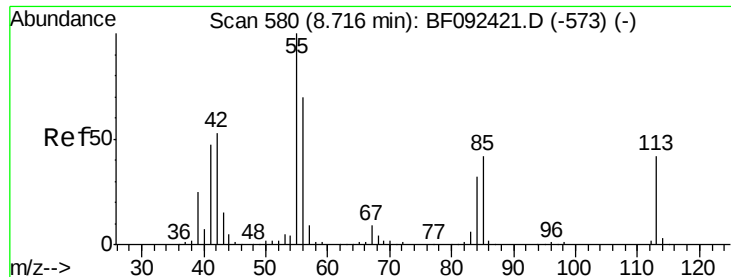
#34
Hexachlorobutadiene
Concen: 40.20 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:	225	Resp:	245267
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	63.1	50.6	76.0



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

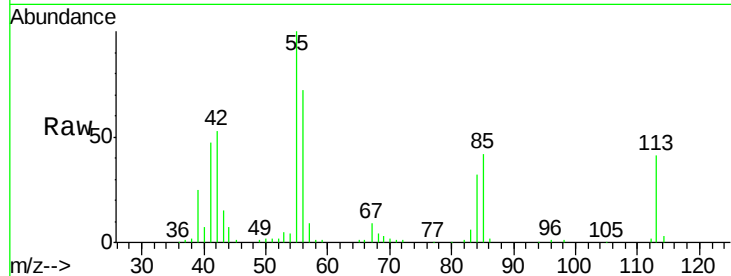




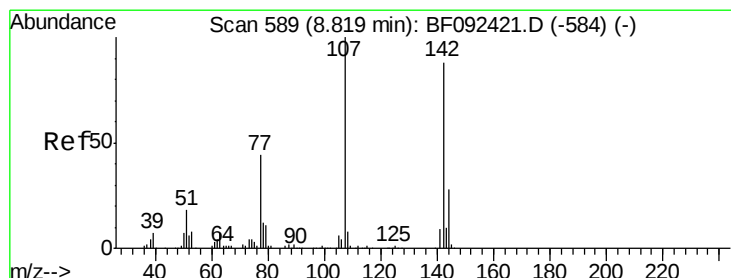
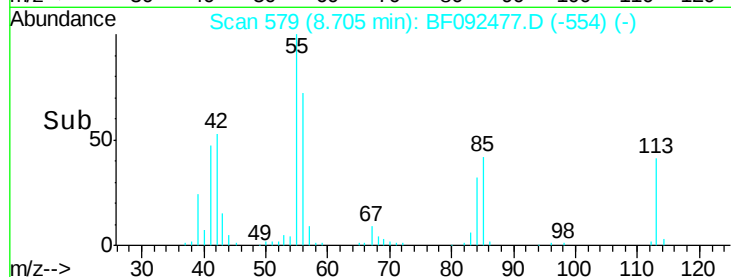
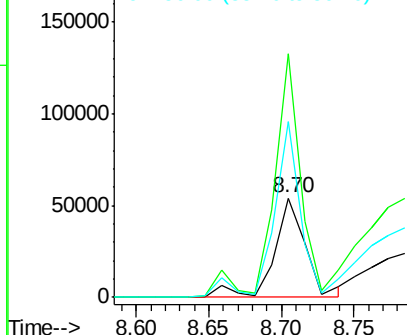
#35
 Caprolactam
 Concen: 23.52 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 81045
 Ion Ratio Lower Upper
 113 100
 55 244.5 119.2 159.2#
 56 176.2 83.8 123.8#

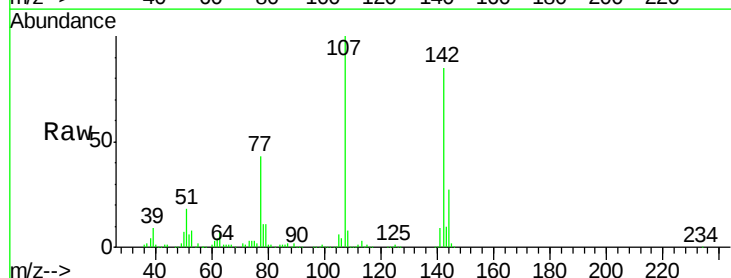


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

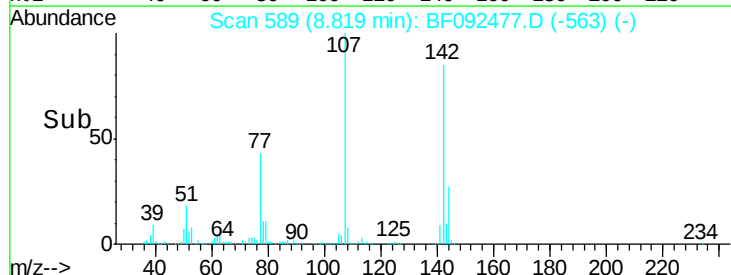
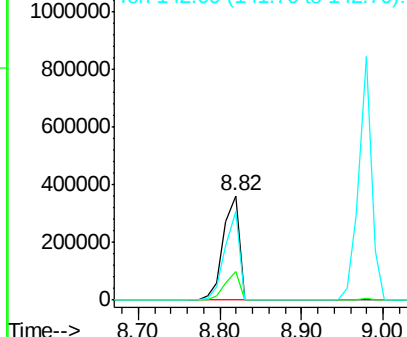


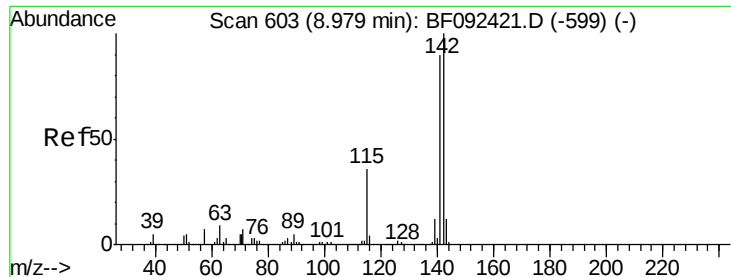
#36
 4-Chloro-3-methylphenol
 Concen: 44.00 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:107 Resp: 489622
 Ion Ratio Lower Upper
 107 100
 144 27.3 19.3 28.9
 142 85.1 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

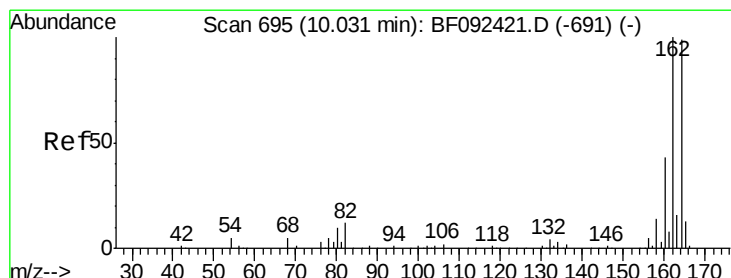
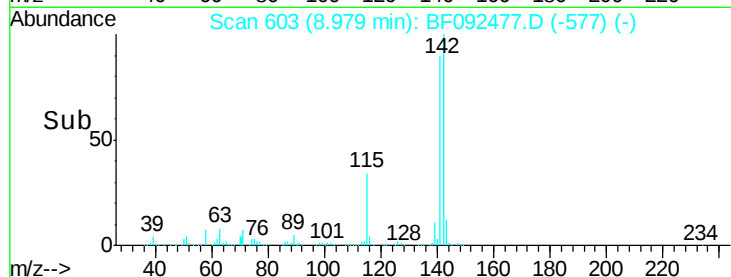
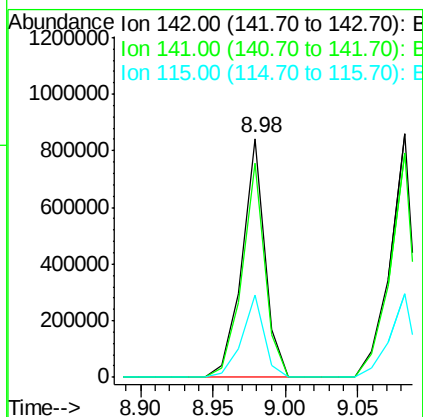
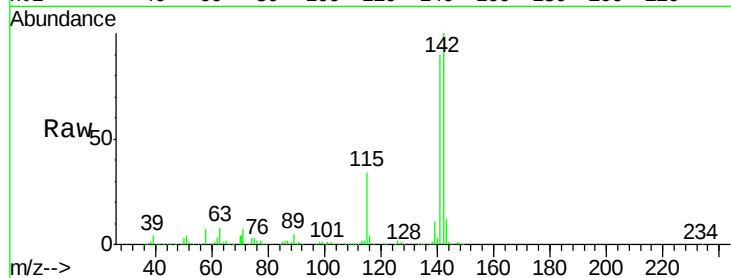




#37
2-Methylnaphthalene
Concen: 40.16 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

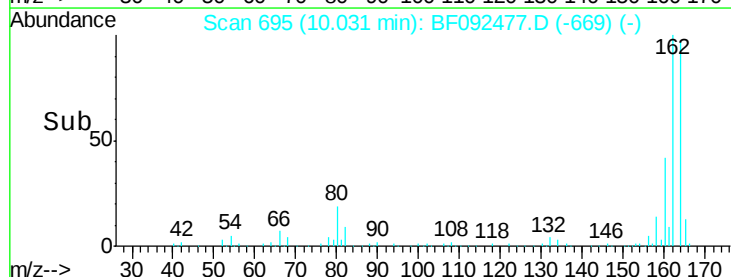
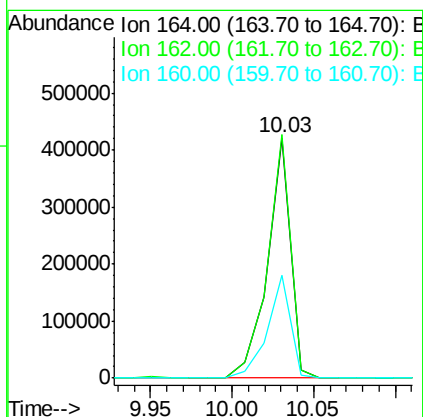
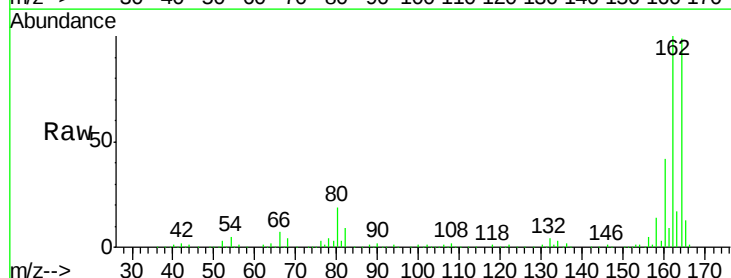
Instrument :
BNA_F
ClientSampleId :

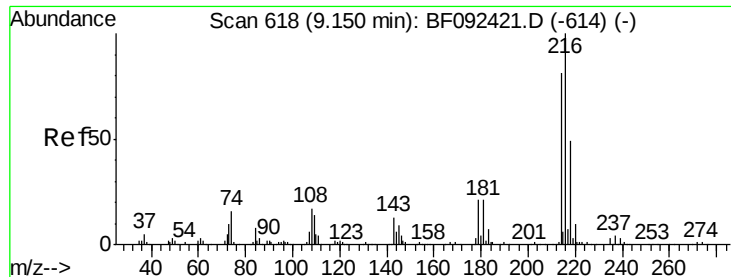
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	34.2	28.3	42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	42.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.91 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 450795

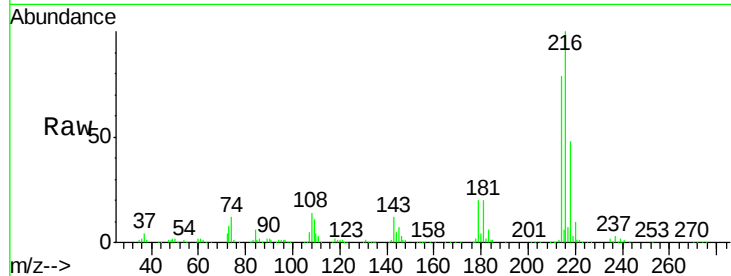
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.0

179 21.0 17.4 26.2

108 19.8 15.6 23.4

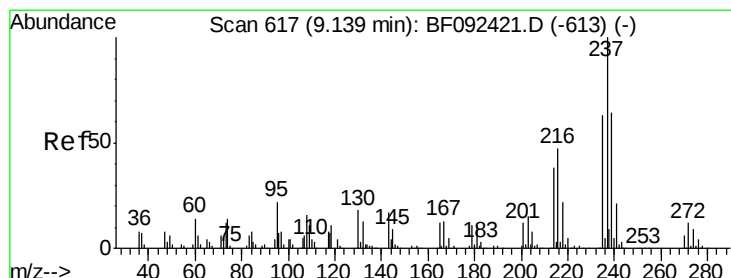
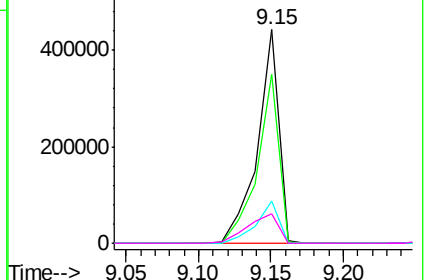
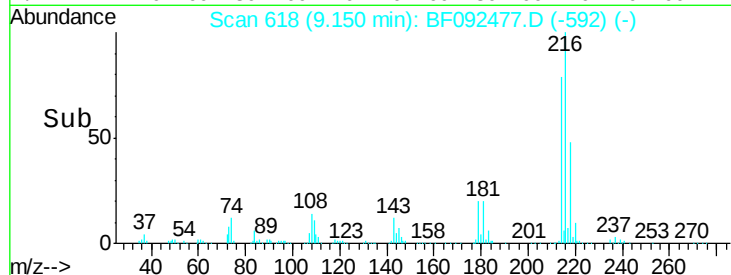


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.85 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

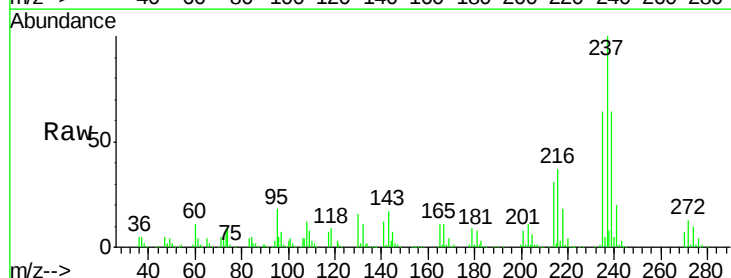
Tgt Ion:237 Resp: 435909

Ion Ratio Lower Upper

237 100

235 63.6 41.2 81.2

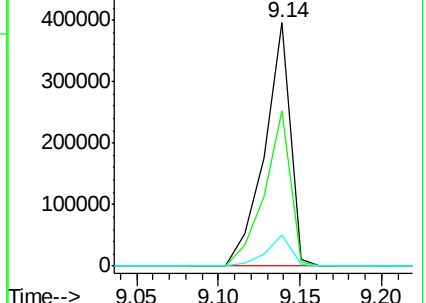
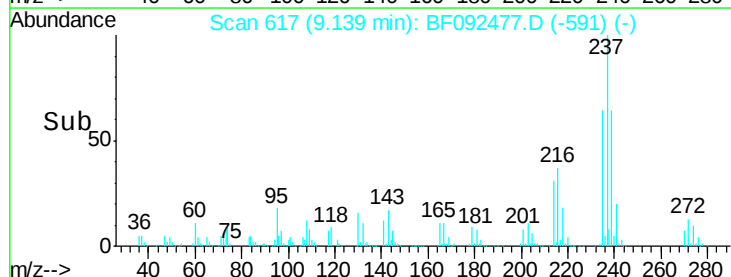
272 13.0 0.0 35.4

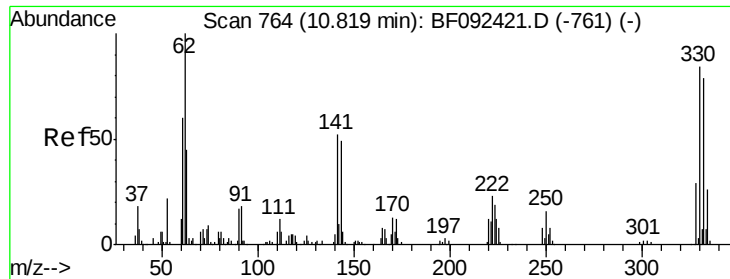


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

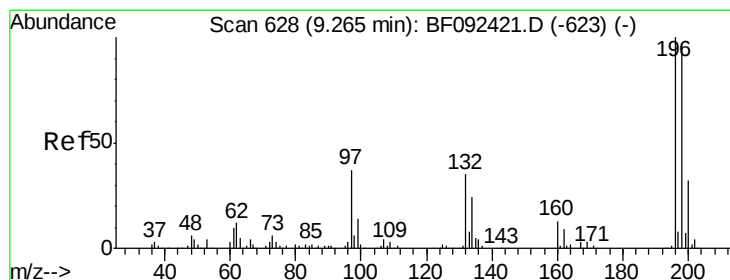
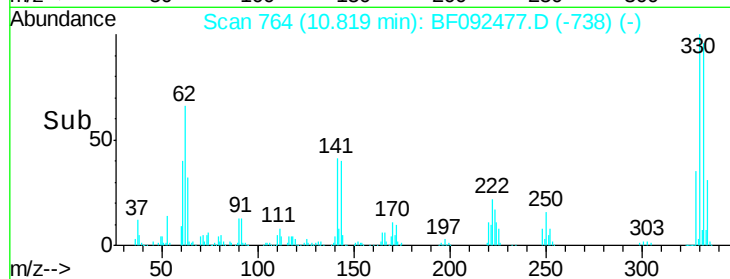
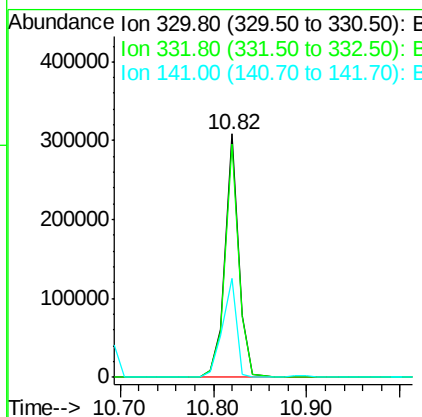
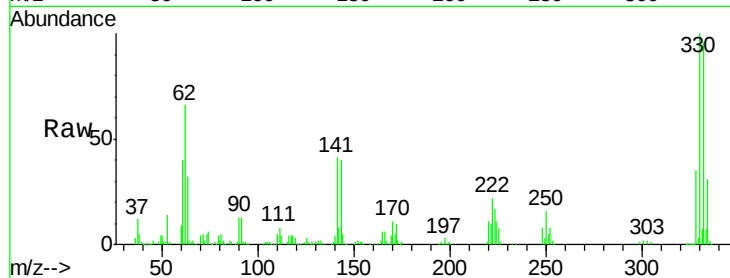




#41
 2,4,6-Tribromophenol
 Concen: 111.96 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

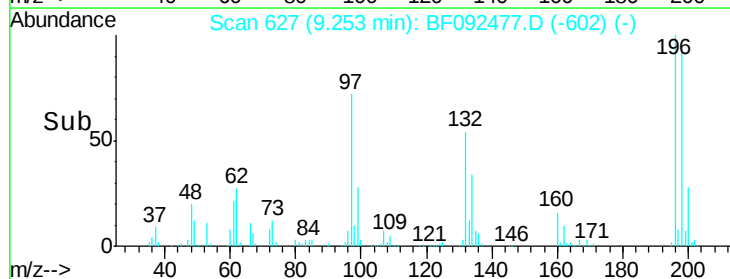
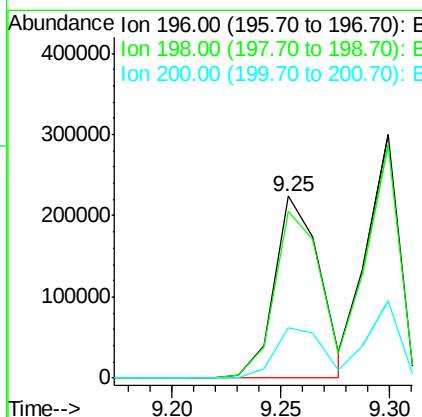
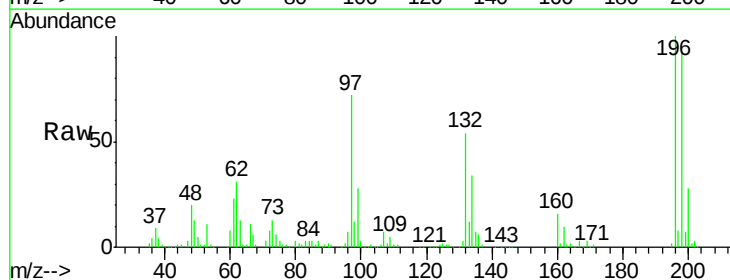
Instrument :
 BNA_F
 ClientSampleId :

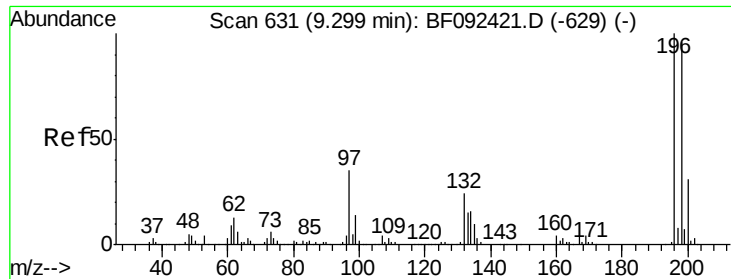
Tot Ion:330 Resp: 317799
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 41.5 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 40.42 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:196 Resp: 325409
 Ion Ratio Lower Upper
 196 100
 198 92.0 82.1 123.1
 200 27.8 27.0 40.4

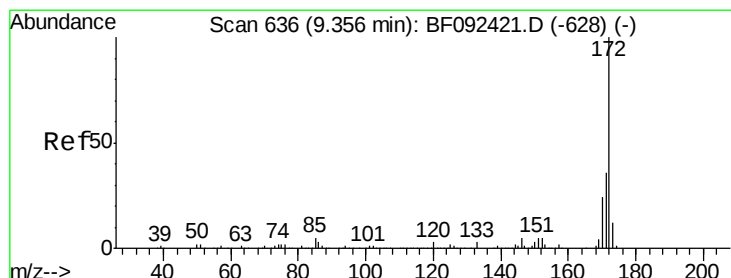
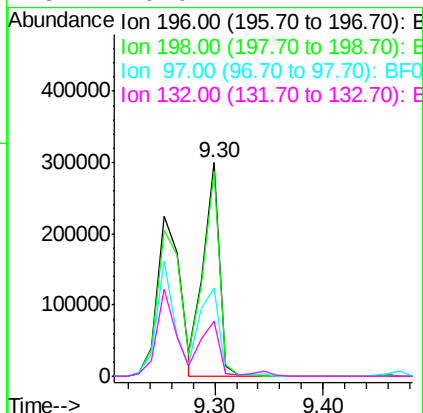
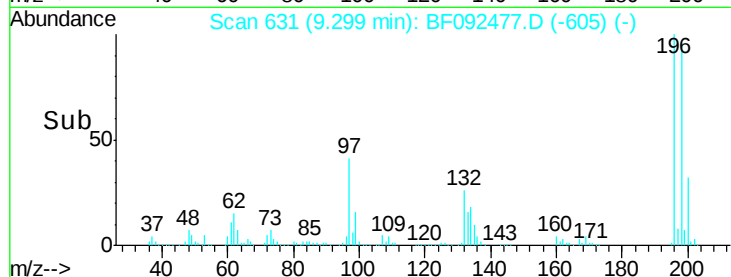
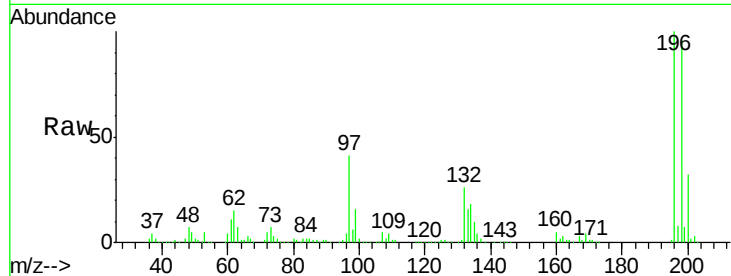




#43
 2,4,5-Trichlorophenol
 Concen: 42.32 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

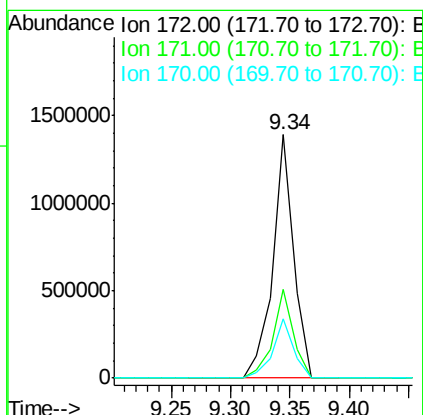
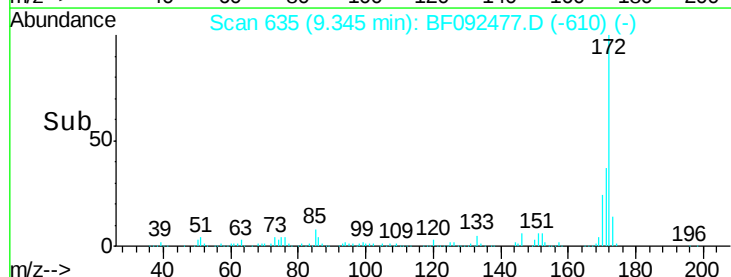
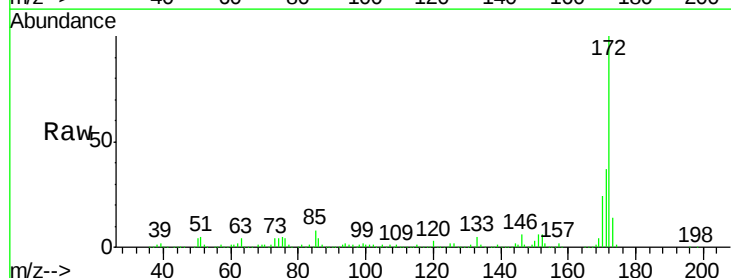
Instrument :
 BNA_F
 ClientSampled :

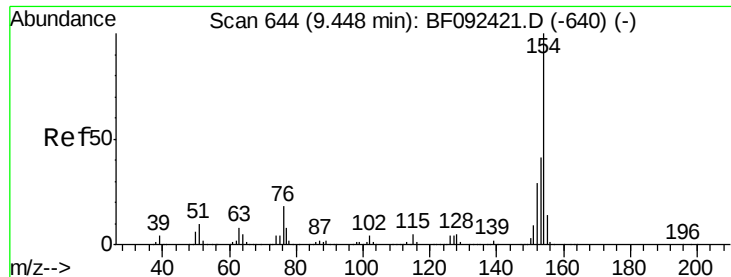
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	79.4	119.2
97	41.2	51.5	77.3#
132	26.0	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 75.05 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.3	20.2	30.4

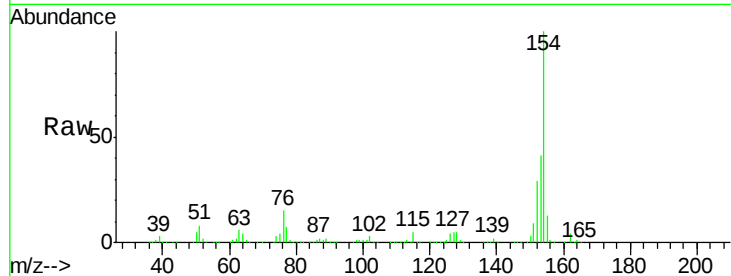




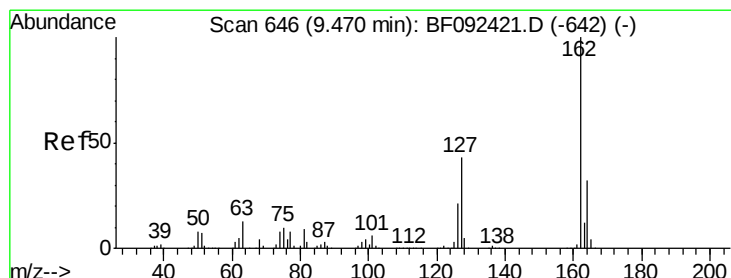
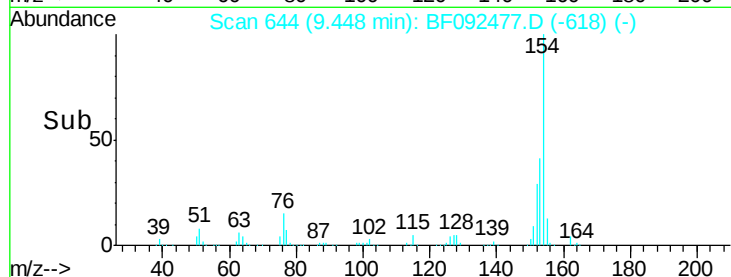
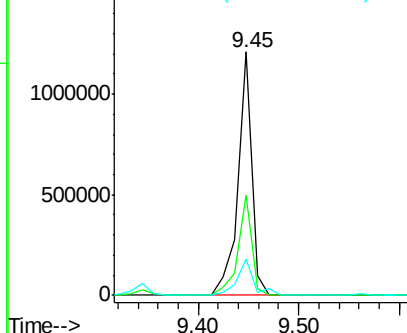
#45
 1,1'-Biphenyl
 Concen: 38.25 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1151734
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 14.9 0.0 30.5

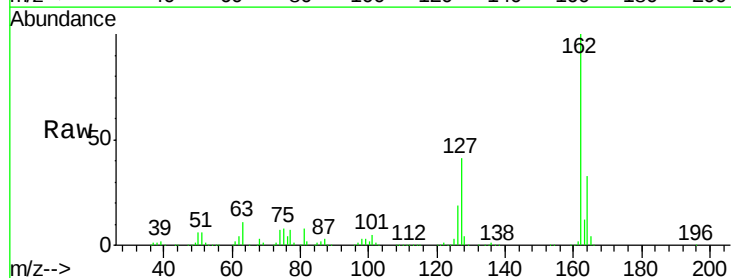


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

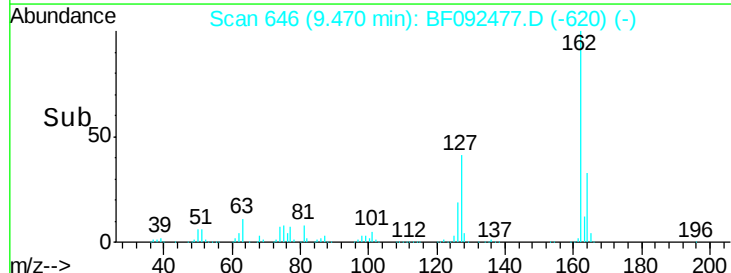
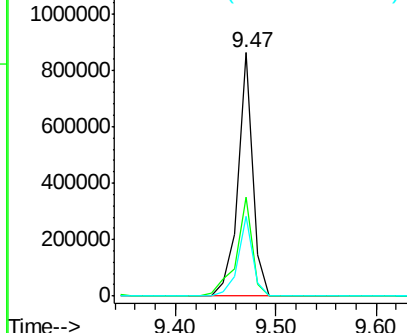


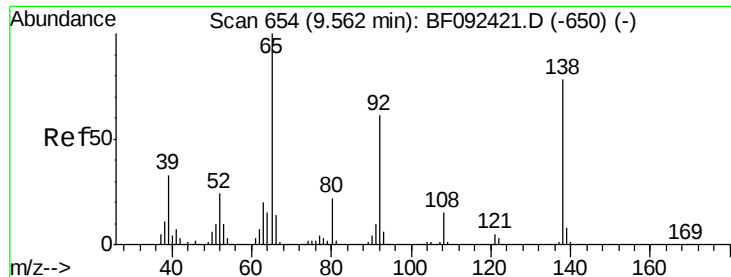
#46
 2-Chloronaphthalene
 Concen: 35.55 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:162 Resp: 874368
 Ion Ratio Lower Upper
 162 100
 127 40.9 30.7 46.1
 164 32.8 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: 34.55 ng

RT: 9.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

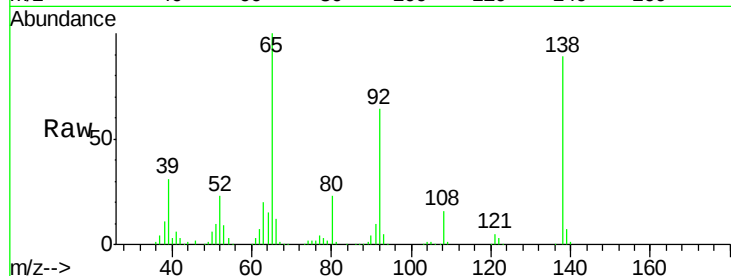
Tot Ion: 65 Resp: 286117

Ion Ratio Lower Upper

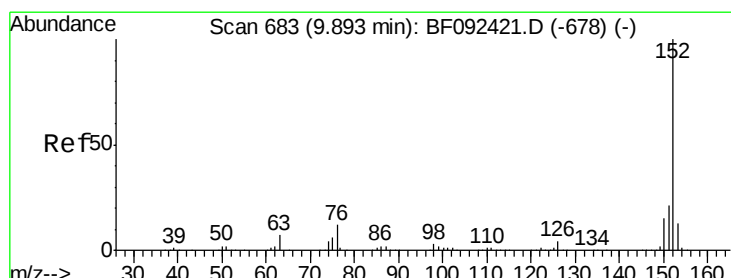
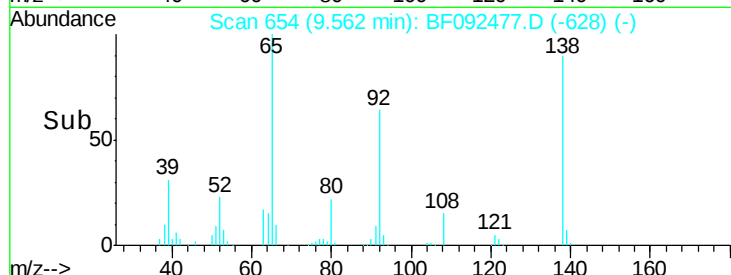
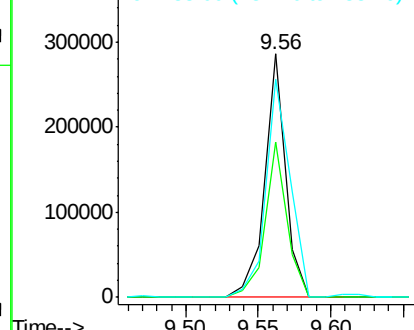
65 100

92 63.7 53.9 80.9

138 89.5 76.8 115.2



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



#48

Acenaphthylene

Concen: 42.52 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

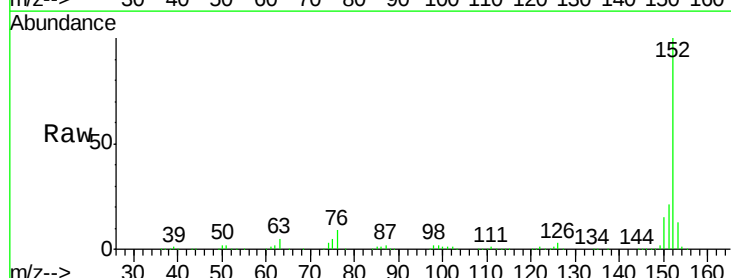
Tgt Ion:152 Resp: 1533687

Ion Ratio Lower Upper

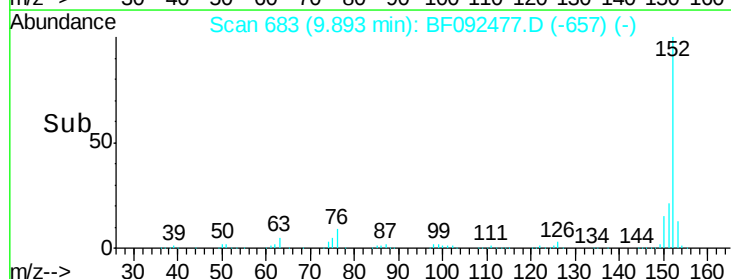
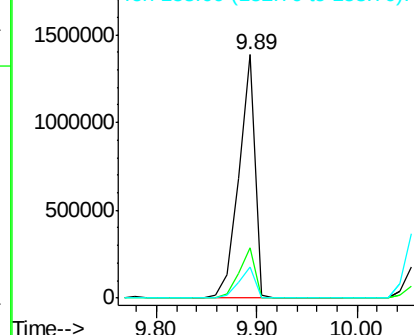
152 100

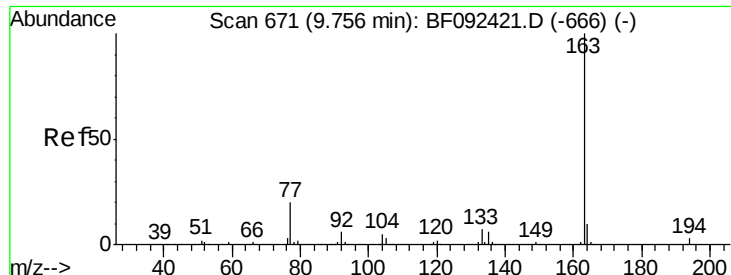
151 20.8 16.9 25.3

153 12.9 11.4 17.2



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

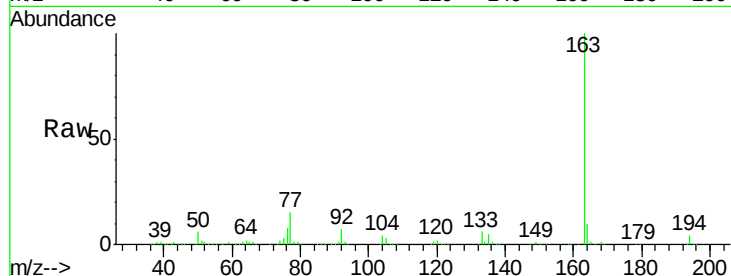




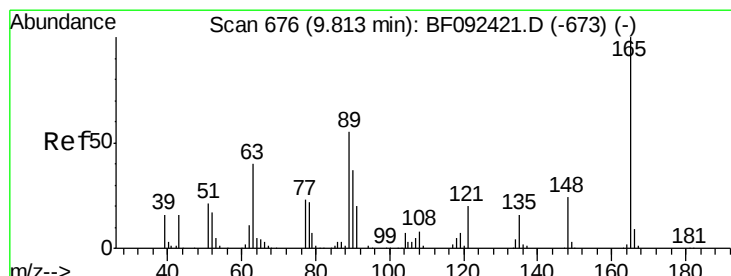
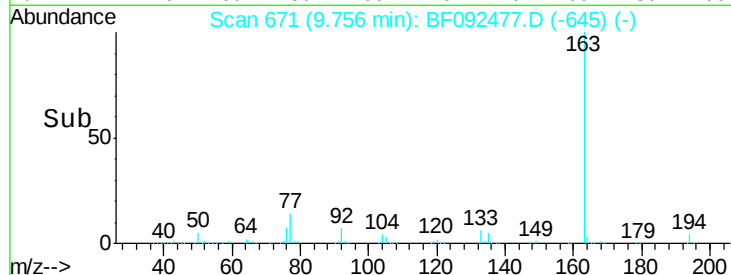
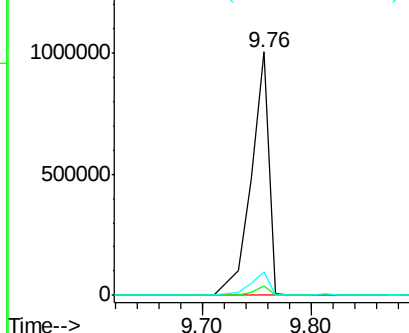
#49
Dimethylphthalate
Concen: 42.41 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1123191
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.6 8.0 12.0

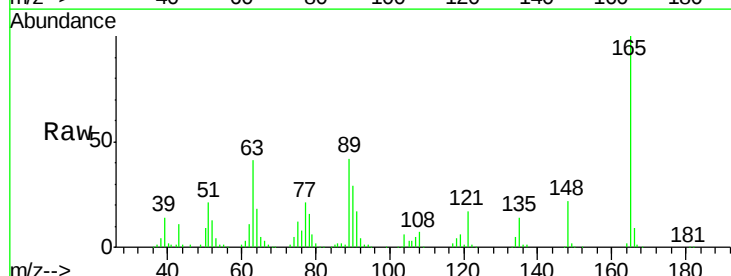


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

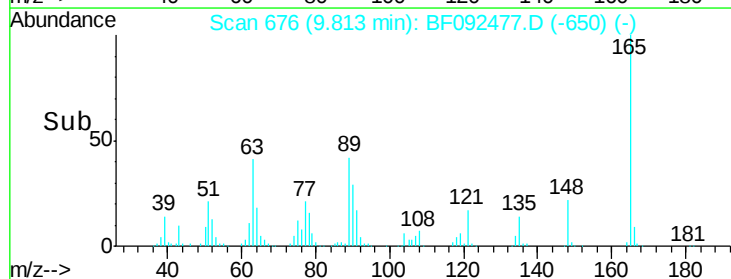
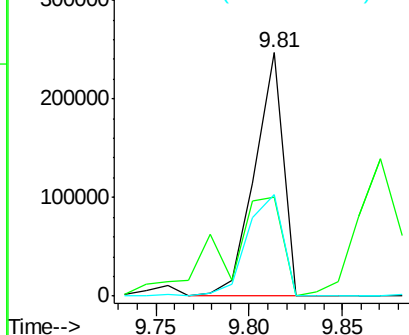


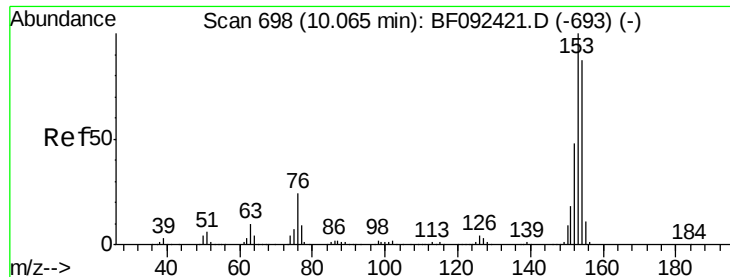
#50
2,6-Dinitrotoluene
Concen: 48.39 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:165 Resp: 261990
Ion Ratio Lower Upper
165 100
63 40.8 36.2 54.4
89 41.6 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: 44.72 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

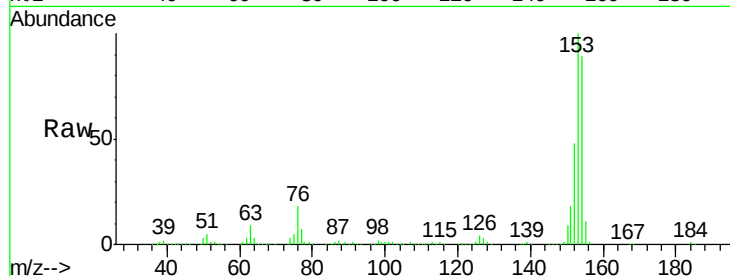
Tot Ion:154 Resp: 1002329

Ion Ratio Lower Upper

154 100

153 112.6 88.6 133.0

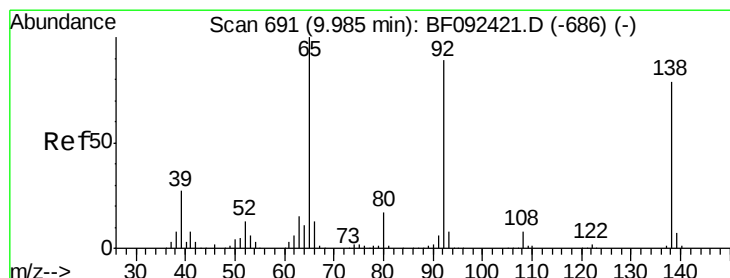
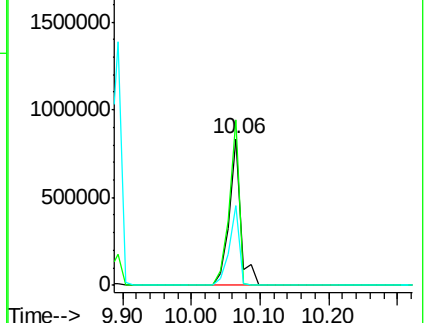
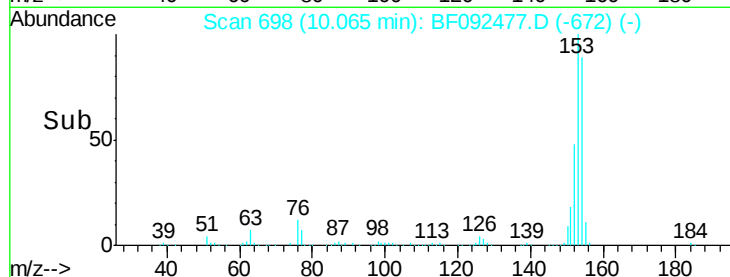
152 54.4 41.6 62.4



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: 24.45 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

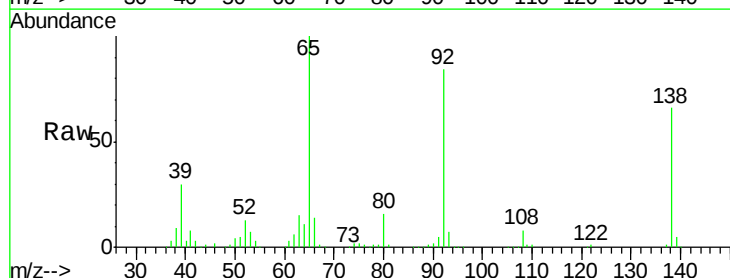
Tgt Ion:138 Resp: 165791

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

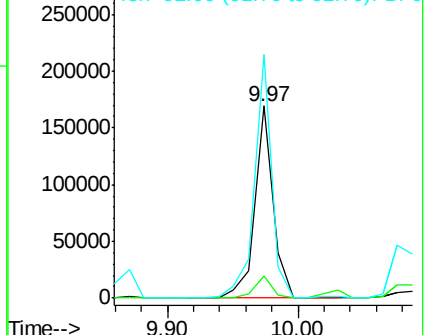
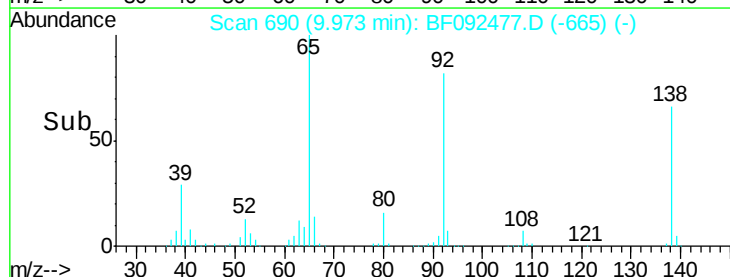
92 126.7 97.8 146.8

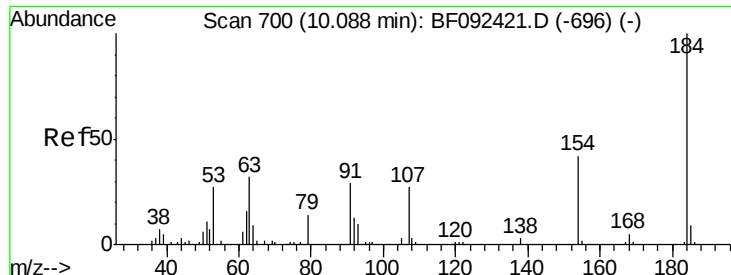


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

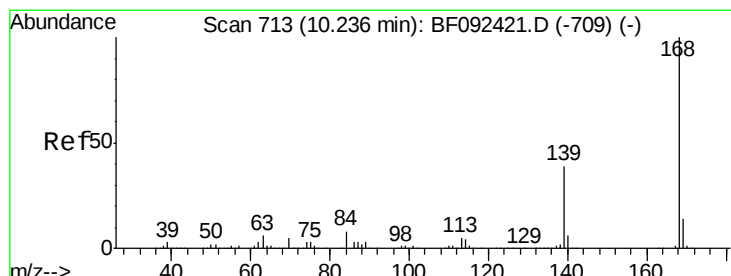
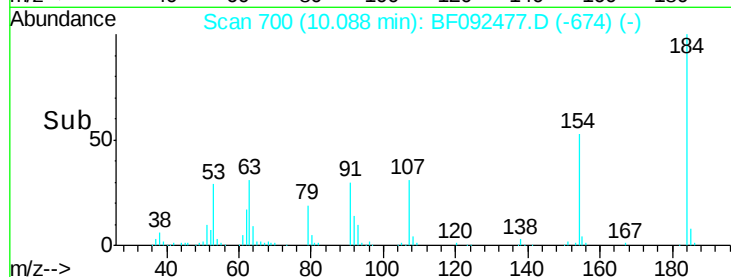
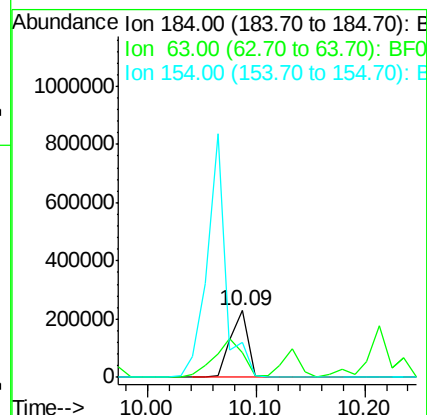
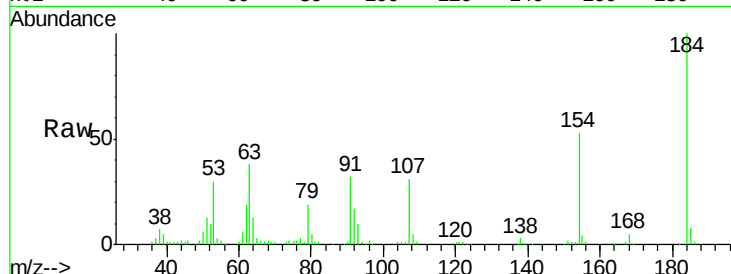




#53
 2,4-Dinitrophenol
 Concen: 74.67 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

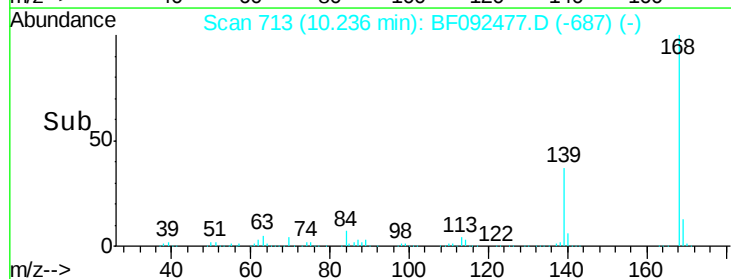
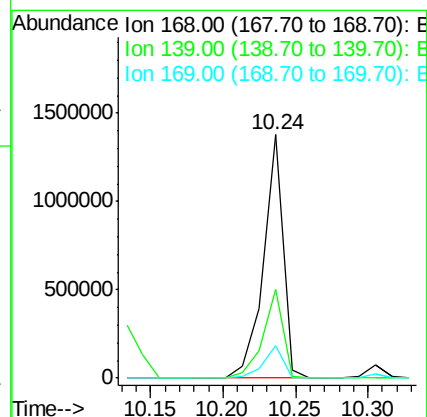
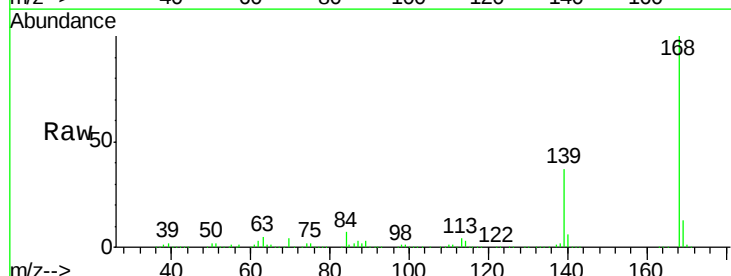
Instrument :
 BNA_F
 ClientSampleId :

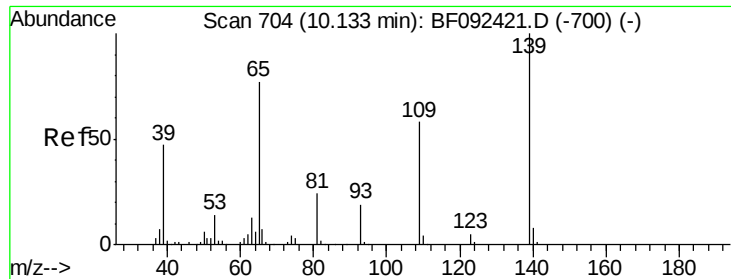
Tot Ion:184 Resp: 257339
 Ion Ratio Lower Upper
 184 100
 63 37.7 28.4 42.6
 154 53.2 44.3 66.5



#54
 Dibenzofuran
 Concen: 42.60 ng
 RT: 10.24 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:168 Resp: 1296427
 Ion Ratio Lower Upper
 168 100
 139 36.6 32.6 49.0
 169 13.4 11.3 16.9

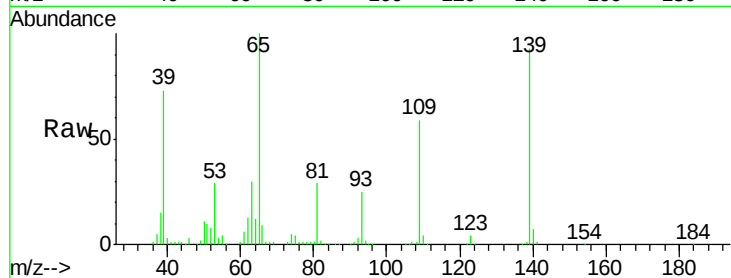




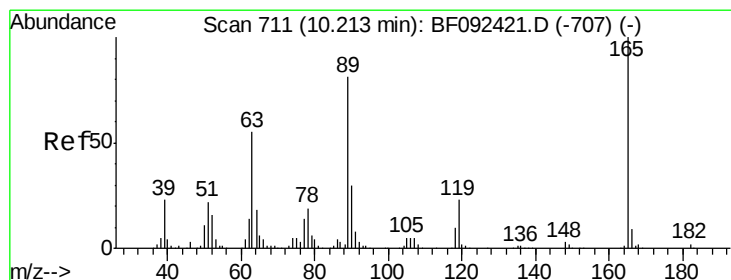
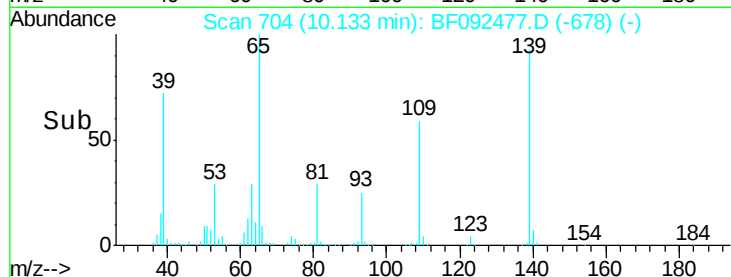
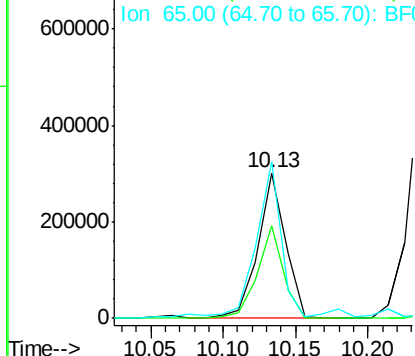
#55
4-Nitrophenol
Concen: 72.73 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 391622
Ion Ratio Lower Upper
139 100
109 63.7 52.2 92.2
65 107.9 85.8 125.8

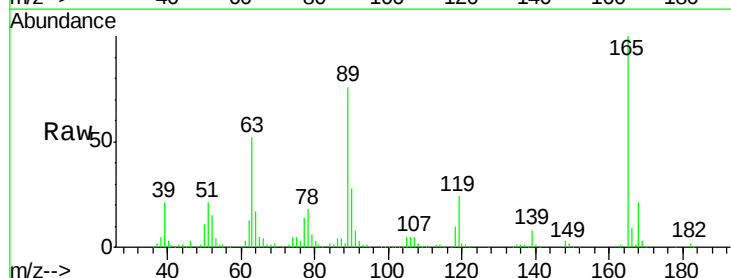


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

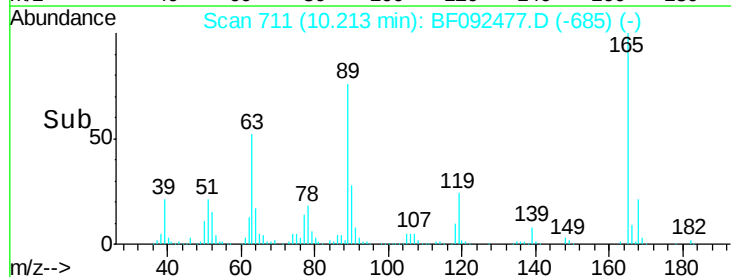
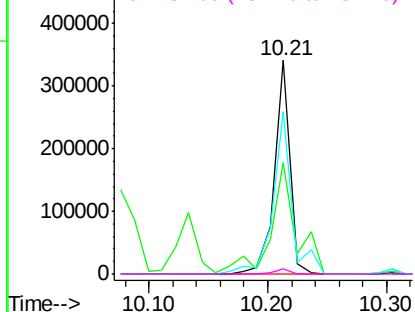


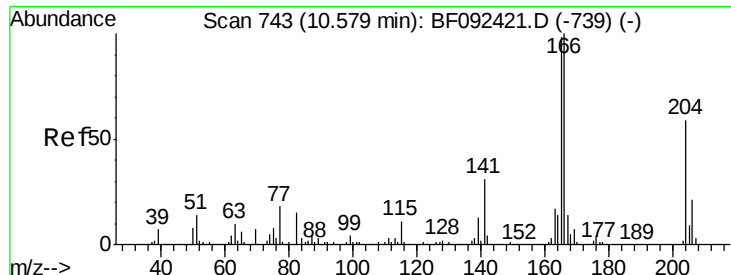
#56
2,4-Dinitrotoluene
Concen: 42.78 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:165 Resp: 307420
Ion Ratio Lower Upper
165 100
63 52.1 40.2 60.4
89 76.3 62.5 93.7
182 2.4 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

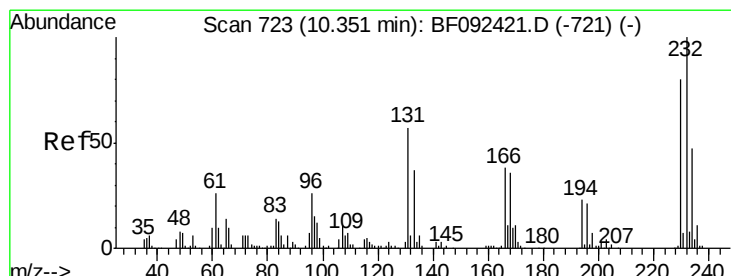
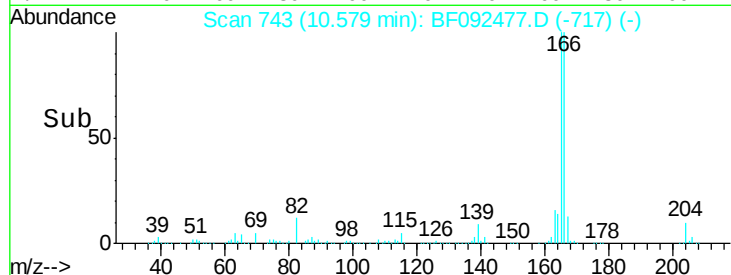
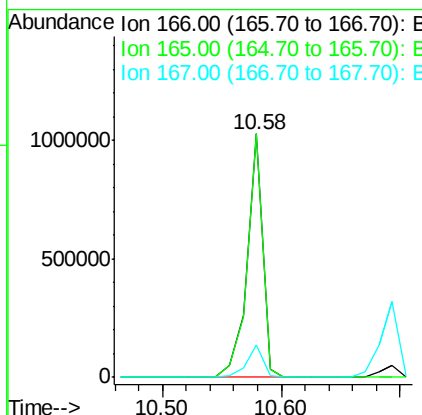
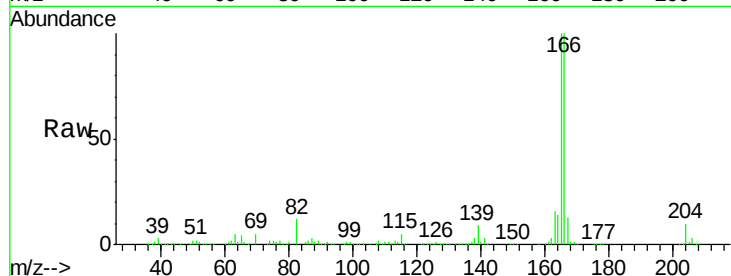




#57
 Fluorene
 Concen: 41.99 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

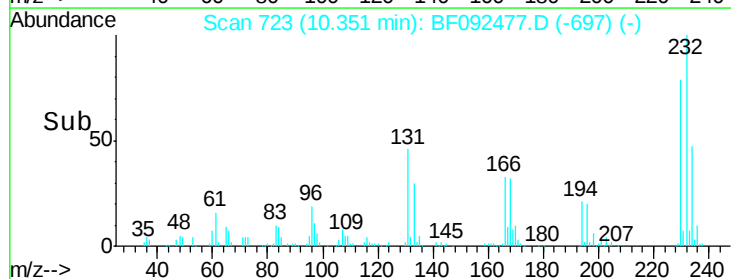
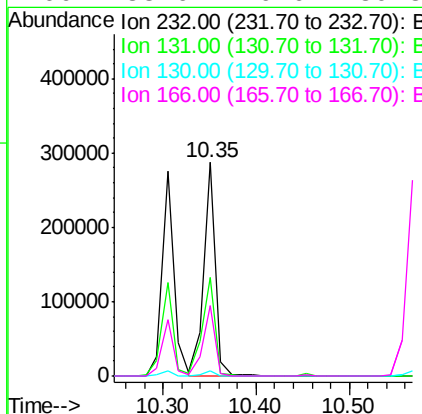
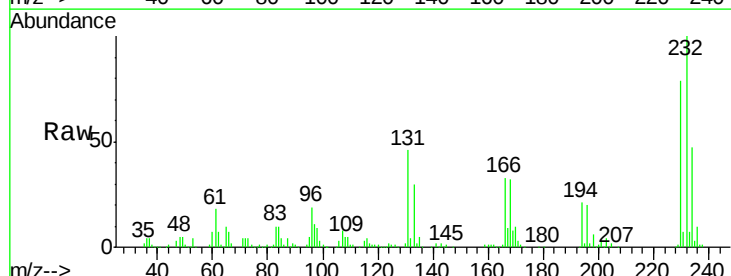
Instrument :
 BNA_F
 ClientSampleId :

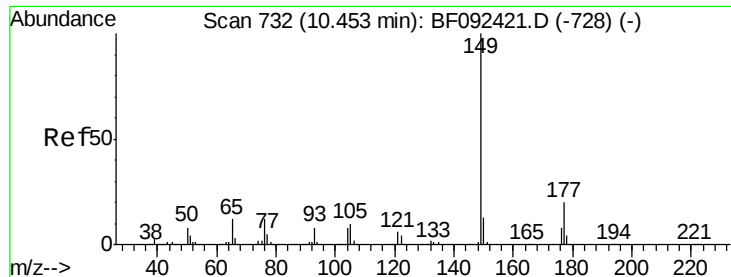
Tot Ion:166 Resp: 947559
 Ion Ratio Lower Upper
 166 100
 165 99.8 77.8 116.8
 167 13.3 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.25 ng
 RT: 10.35 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:232 Resp: 255232
 Ion Ratio Lower Upper
 232 100
 131 49.4 40.1 60.1
 130 2.4 1.8 2.8
 166 33.6 26.6 39.8

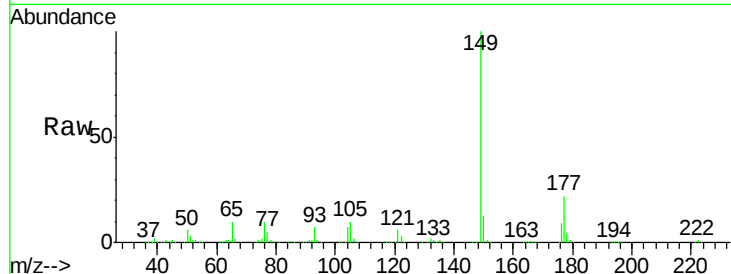




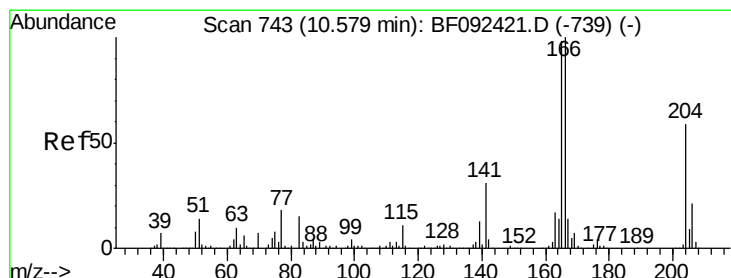
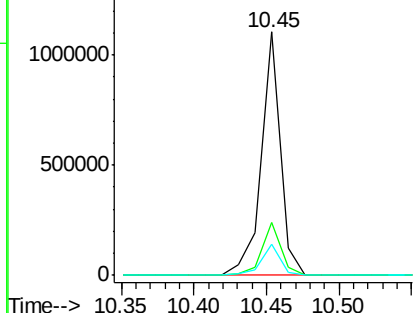
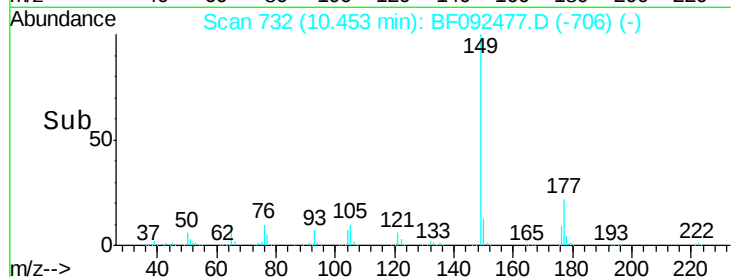
#59
Diethylphthalate
Concen: 39.79 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1010626
Ion Ratio Lower Upper
149 100
177 21.8 16.6 25.0
150 12.6 10.4 15.6

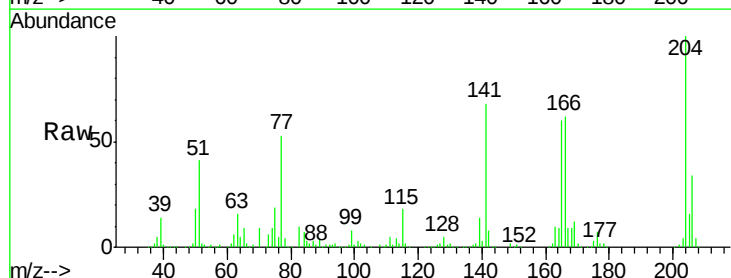


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

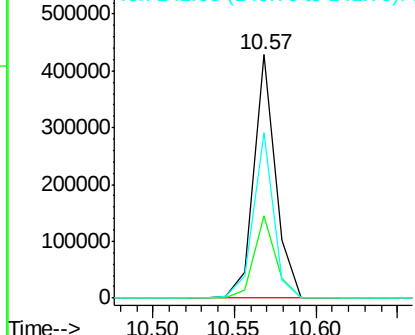
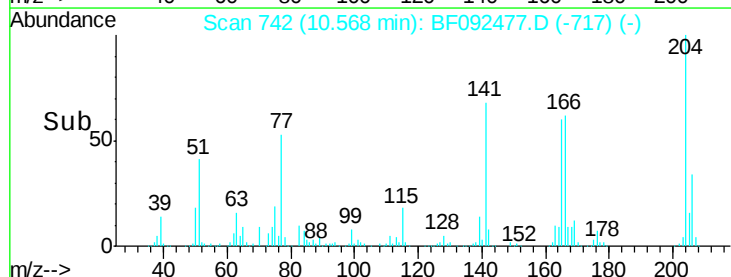


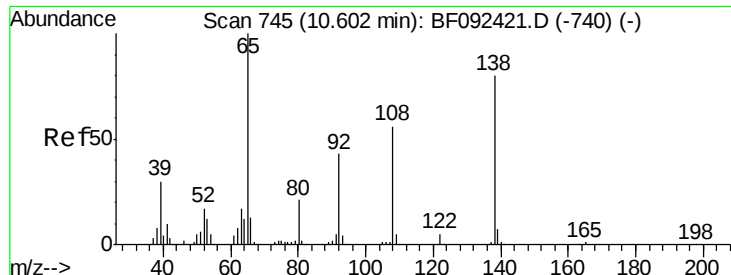
#60
4-Chlorophenyl-phenylether
Concen: 36.37 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:204 Resp: 398088
Ion Ratio Lower Upper
204 100
206 34.0 25.8 38.6
141 67.9 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

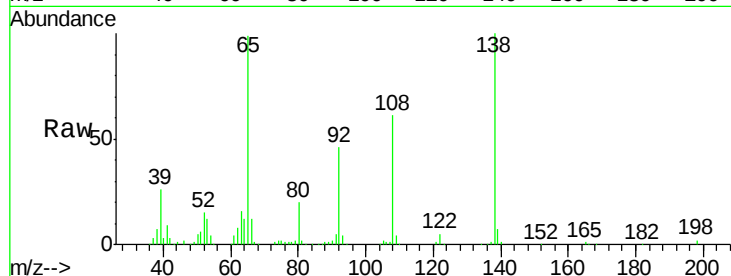




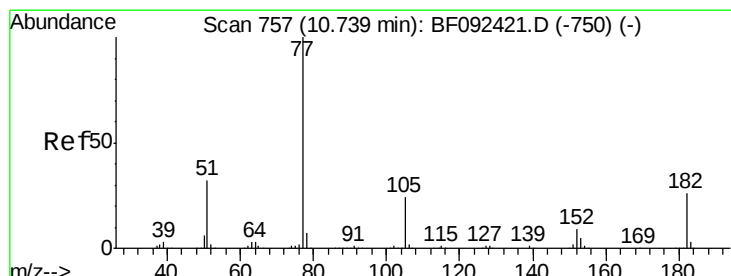
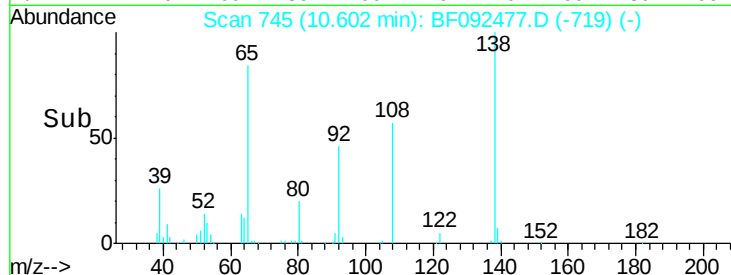
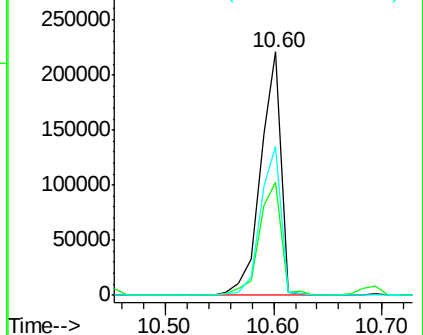
#61
4-Nitroaniline
Concen: 42.30 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 286842
Ion Ratio Lower Upper
138 100
92 46.2 31.7 71.7
108 61.3 52.6 92.6

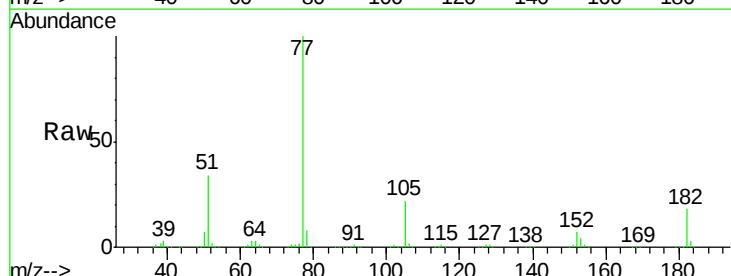


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

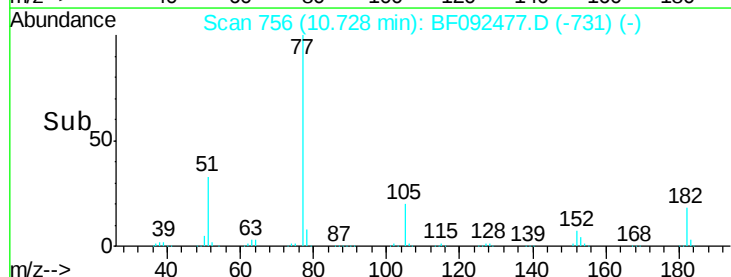
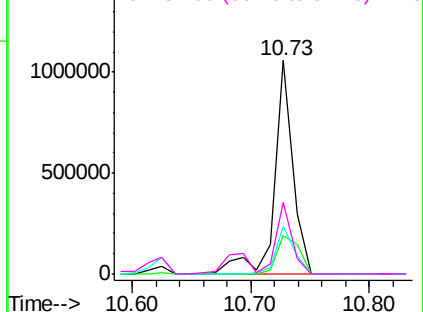


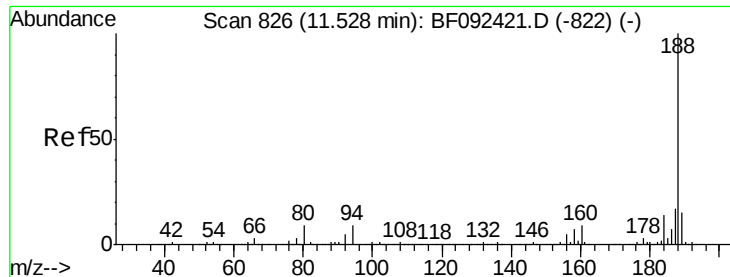
#62
Azobenzene
Concen: 39.73 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion: 77 Resp: 1148403
Ion Ratio Lower Upper
77 100
182 18.3 0.0 39.3
105 22.2 2.3 42.3
51 33.9 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

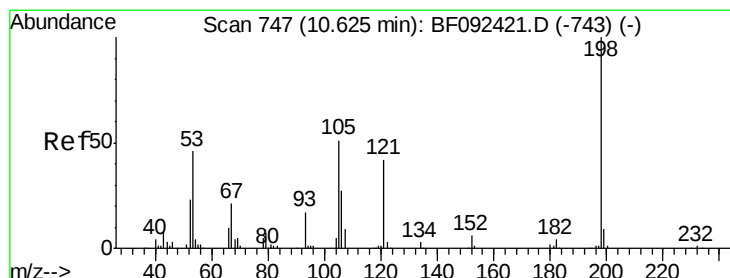
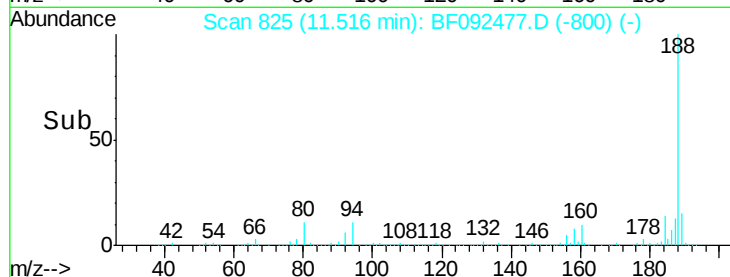
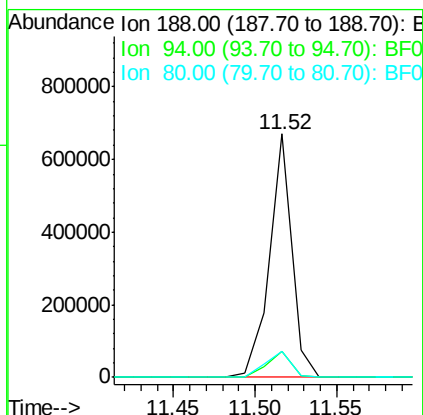
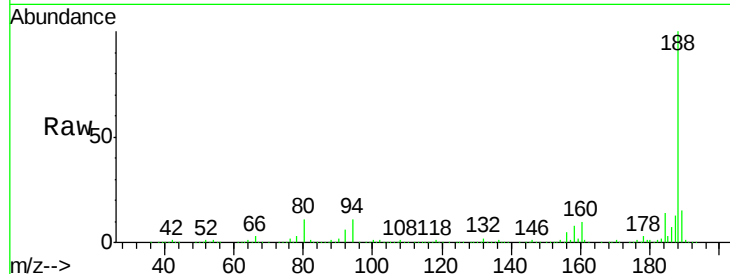




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

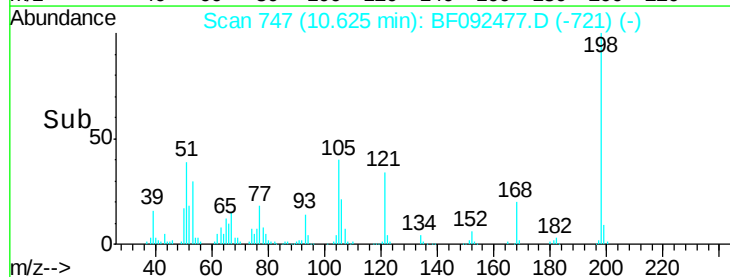
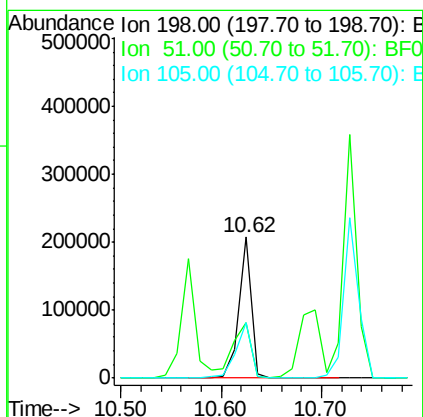
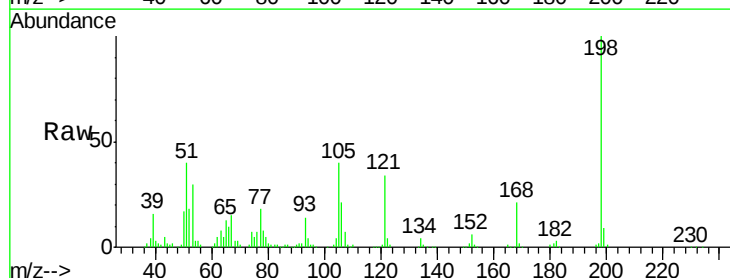
Instrument :
 BNA_F
 ClientSampled :

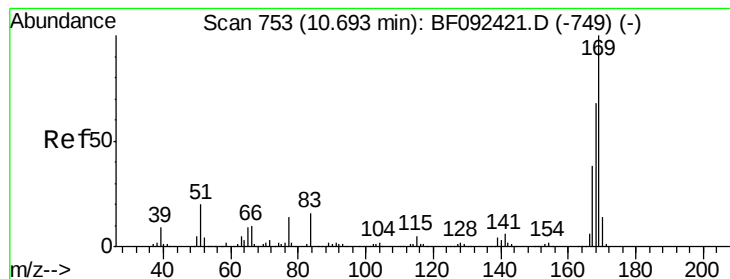
Tot Ion:188 Resp: 640511
 Ion Ratio Lower Upper
 188 100
 94 10.7 10.0 15.0
 80 10.9 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 51.94 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:198 Resp: 180847
 Ion Ratio Lower Upper
 198 100
 51 39.6 6.7 46.7
 105 39.7 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 44.44 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

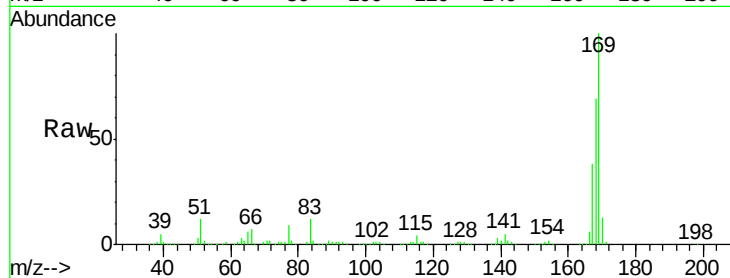
Tot Ion:169 Resp: 888836

Ion Ratio Lower Upper

169 100

168 68.8 54.2 81.2

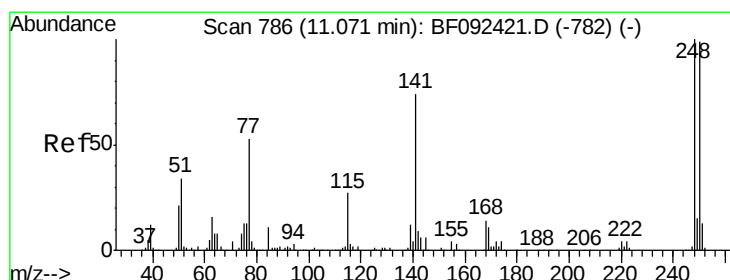
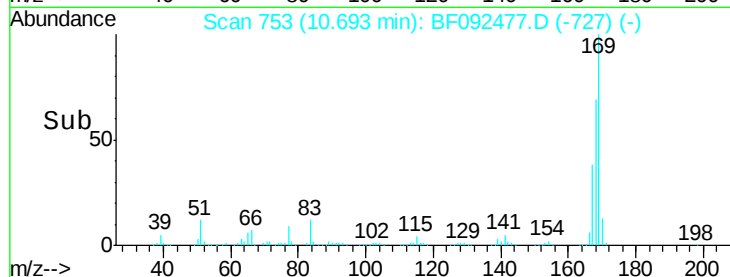
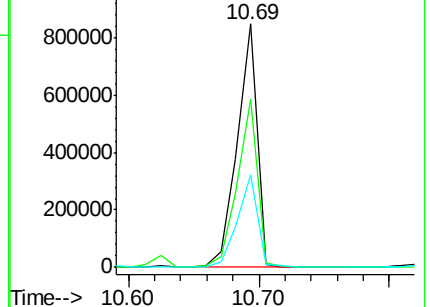
167 37.8 30.2 45.4



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: 39.48 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

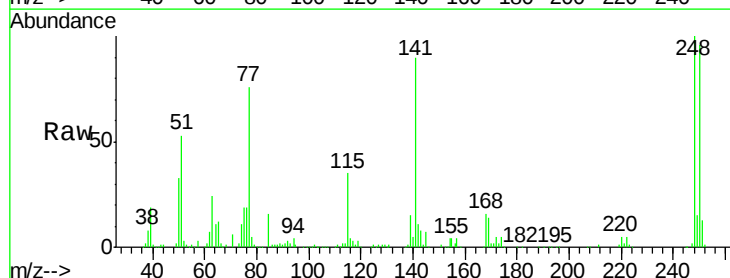
Tgt Ion:248 Resp: 255305

Ion Ratio Lower Upper

248 100

250 96.5 76.9 115.3

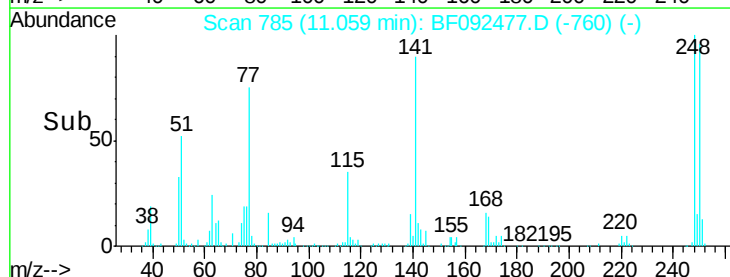
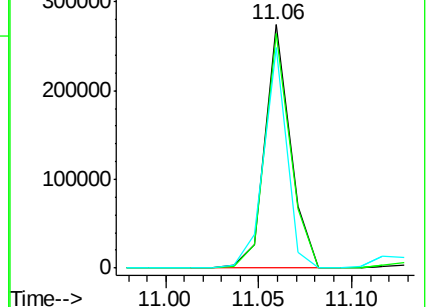
141 90.5 68.2 102.4

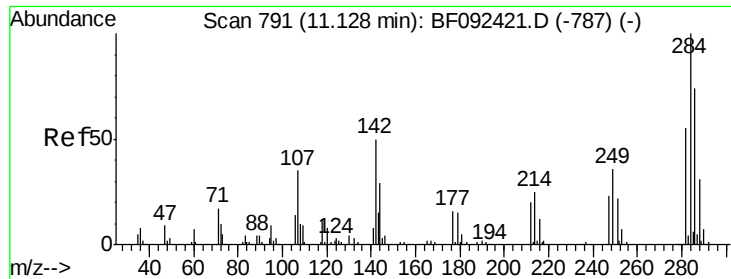


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

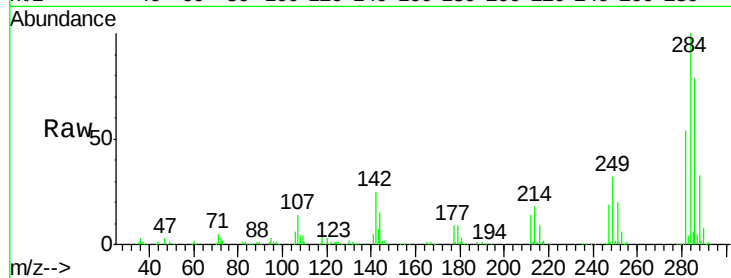




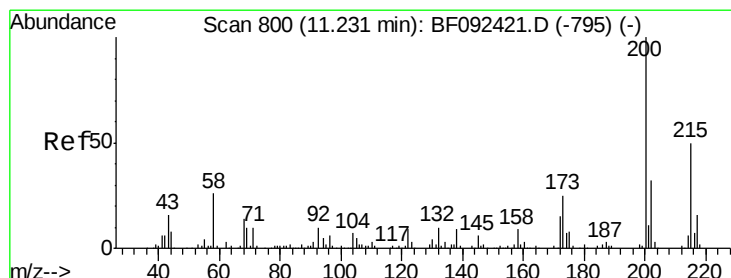
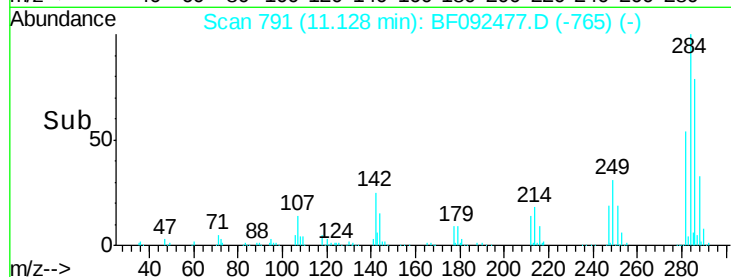
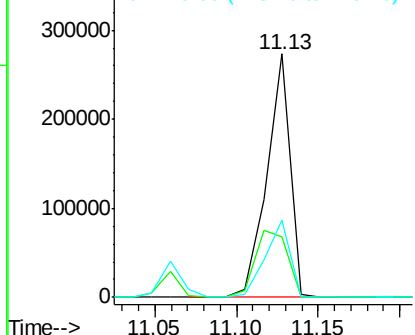
#67
Hexachlorobenzene
Concen: 41.54 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.0	22.6	33.8
249	31.6	25.4	38.0

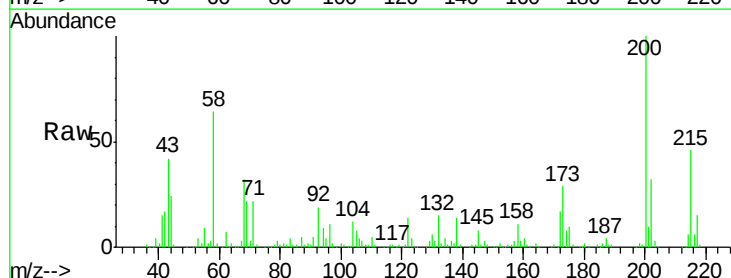


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

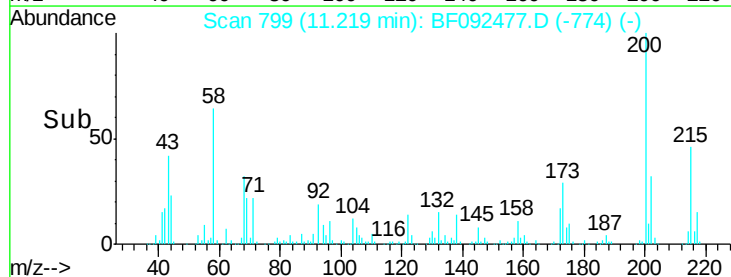
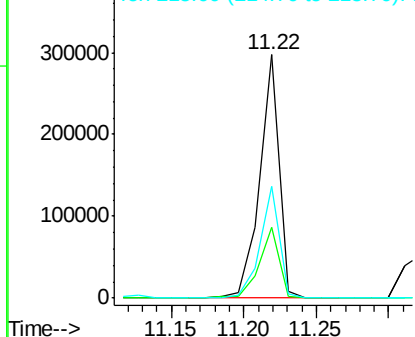


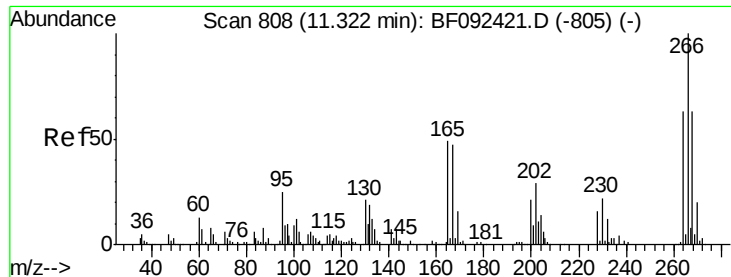
#68
Atrazine
Concen: 40.25 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	9.6	49.6
215	46.1	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

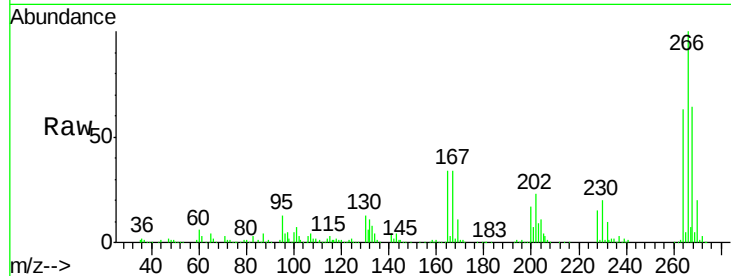




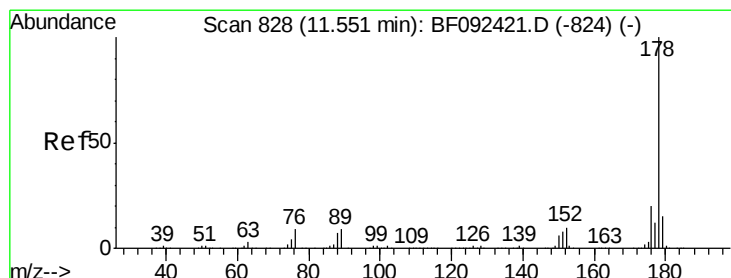
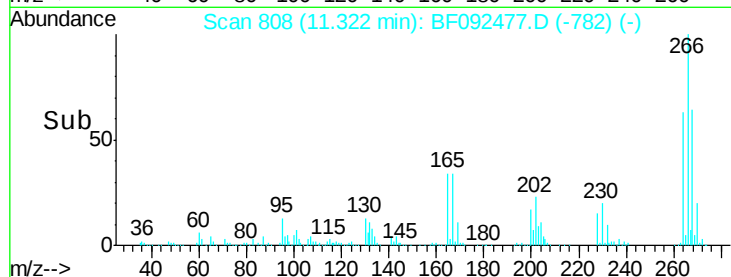
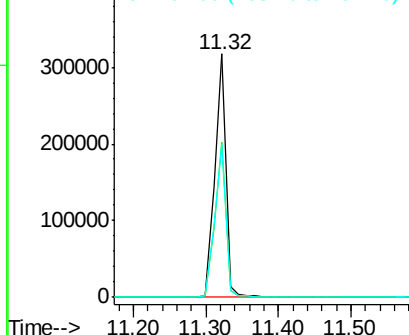
#69
 Pentachlorophenol
 Concen: 80.87 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 337975
 Ion Ratio Lower Upper
 266 100
 268 64.0 53.3 79.9
 264 62.5 50.3 75.5

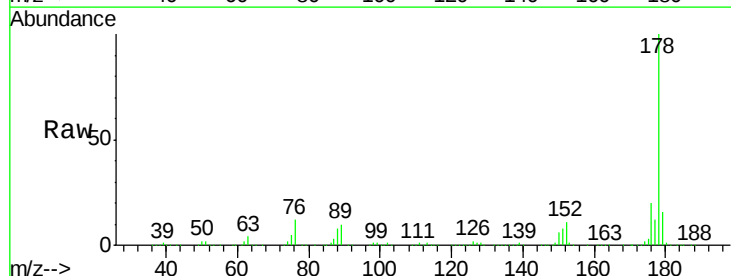


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

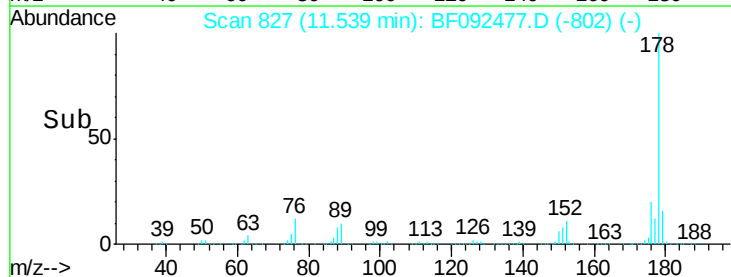
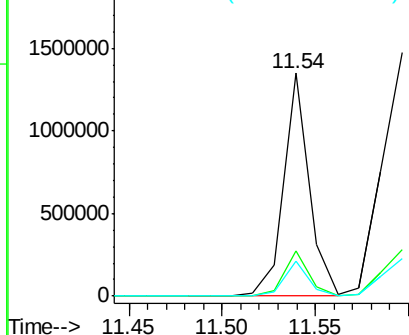


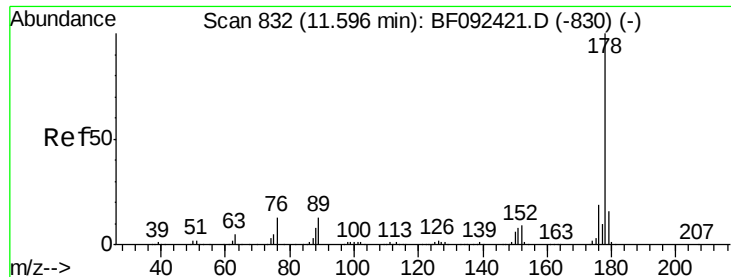
#70
 Phenanthrene
 Concen: 36.43 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:178 Resp: 1285155
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.9 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: 45.79 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

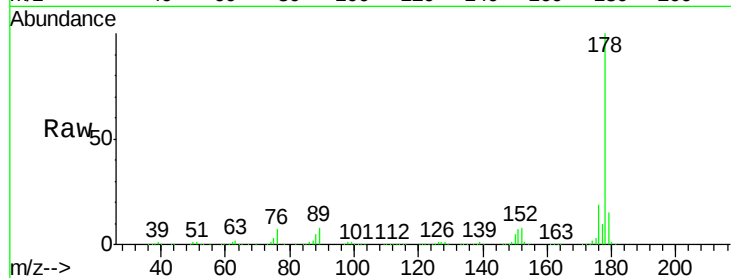
Tot Ion:178 Resp: 1578431

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.3	13.2	19.8

178 100

176 19.3 15.9 23.9

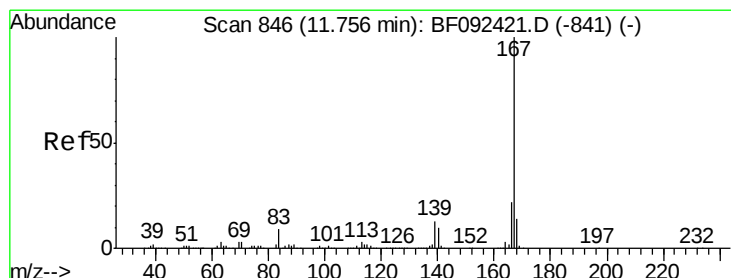
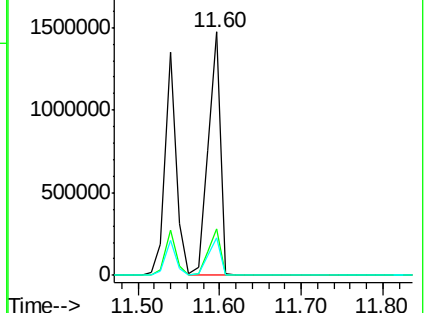
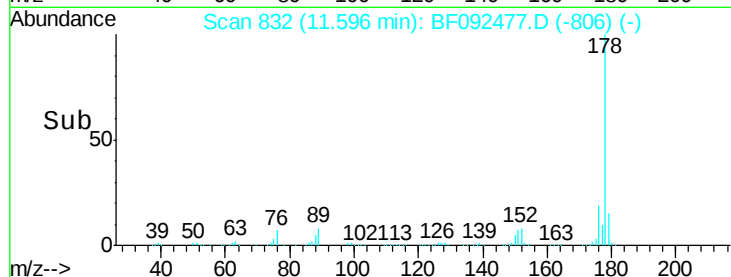
179 15.3 13.2 19.8



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: 38.72 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

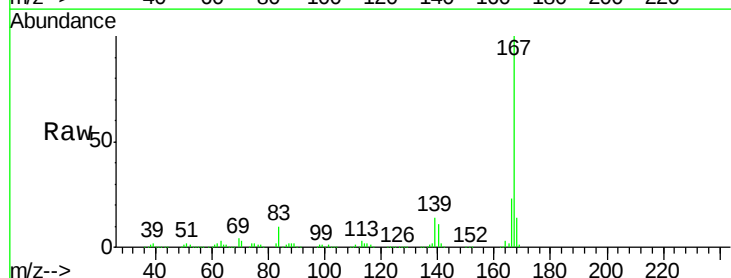
Tgt Ion:167 Resp: 1274458

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	14.0	11.4	17.2

167 100

166 22.7 18.2 27.2

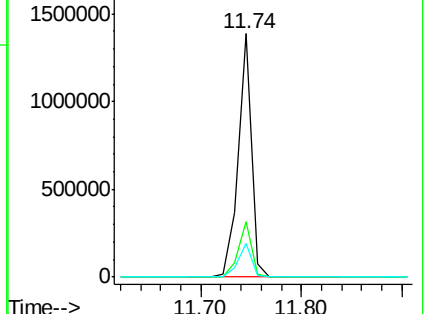
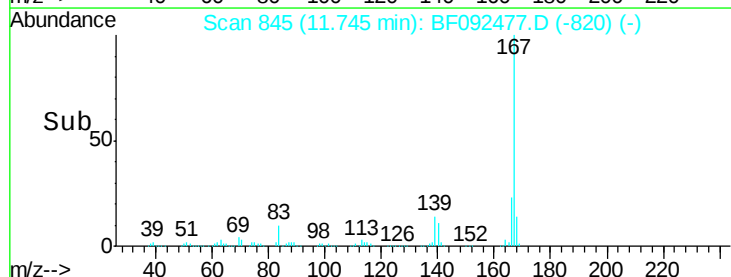
139 14.0 11.4 17.2

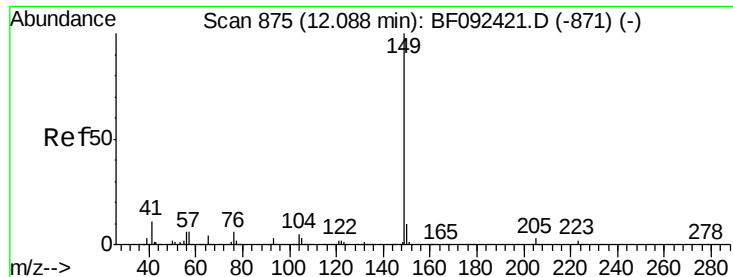


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.81 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

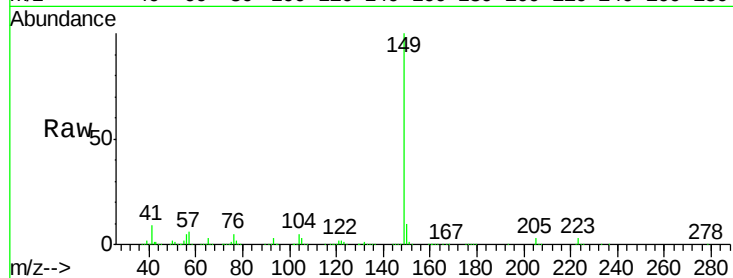
Tot Ion:149 Resp: 1498127

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

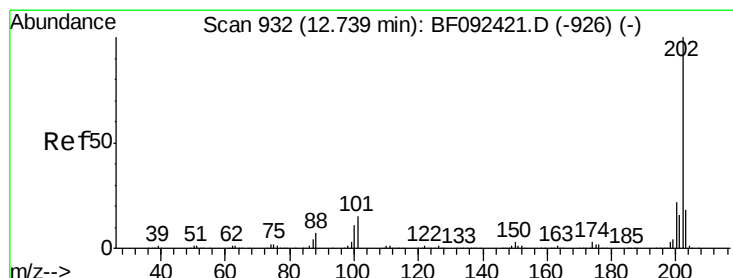
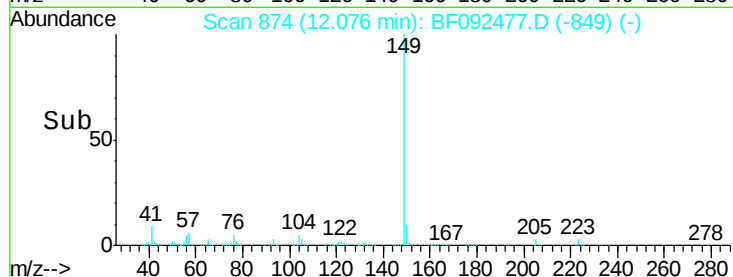
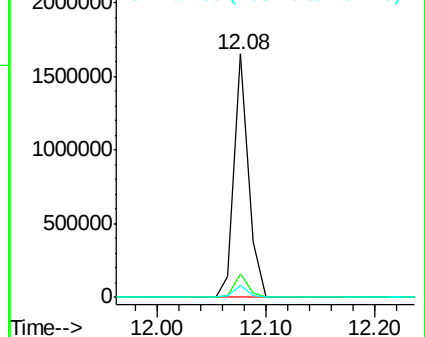
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.79 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

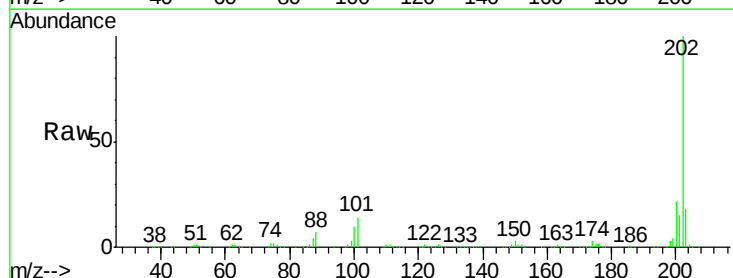
Tgt Ion:202 Resp: 1372935

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.6

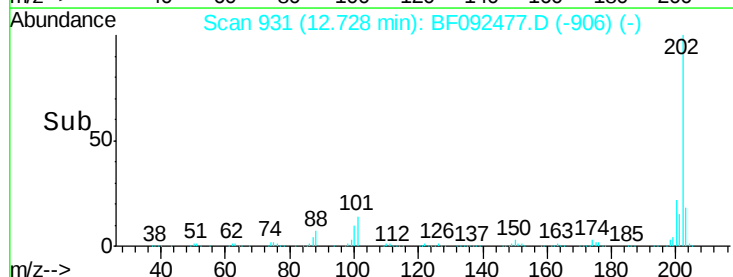
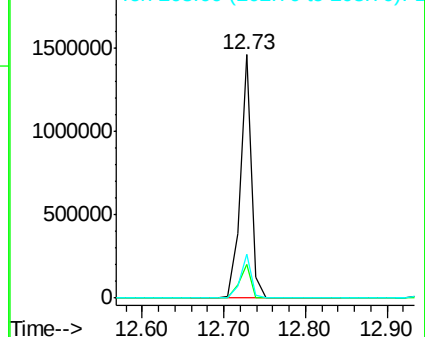
203 18.0 0.0 38.7

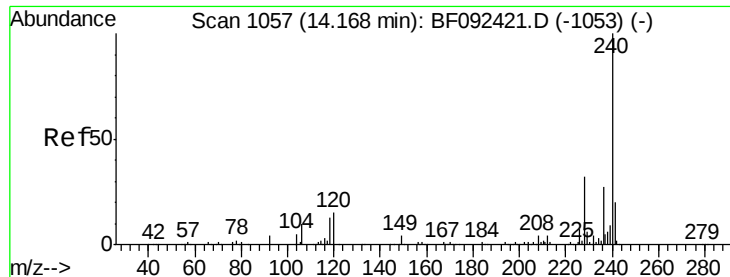


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

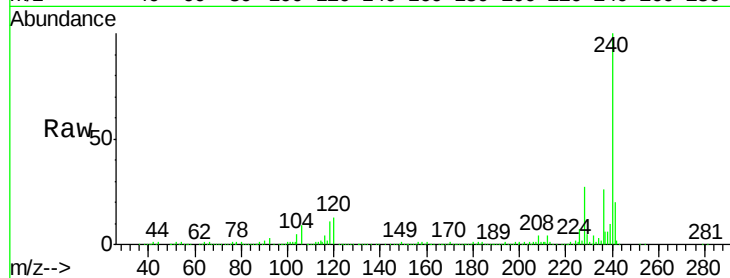
Tot Ion:240 Resp: 526894

Ion Ratio Lower Upper

240 100

120 12.9 12.9 19.3#

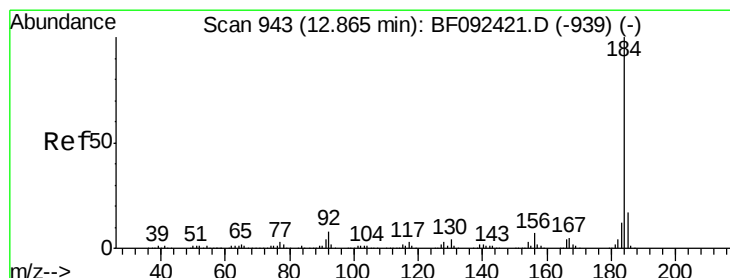
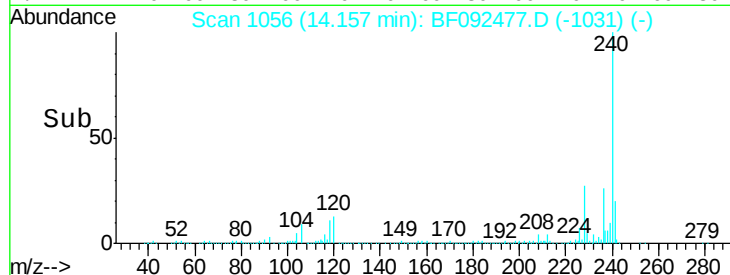
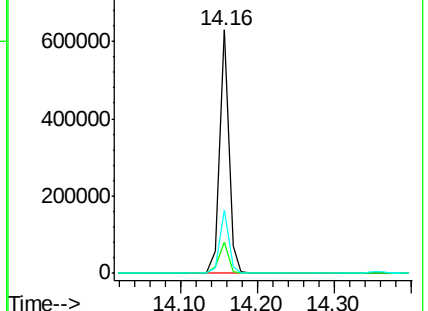
236 26.2 20.9 31.3



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: 25.77 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

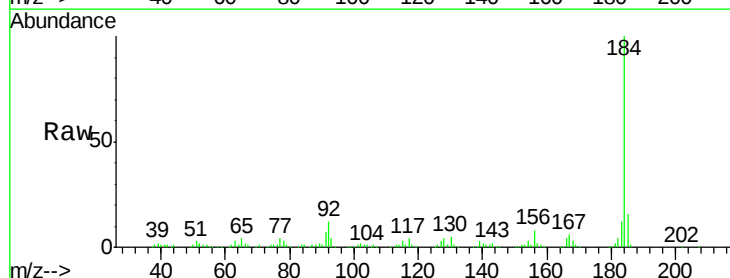
Tgt Ion:184 Resp: 504088

Ion Ratio Lower Upper

184 100

185 16.3 13.4 20.0

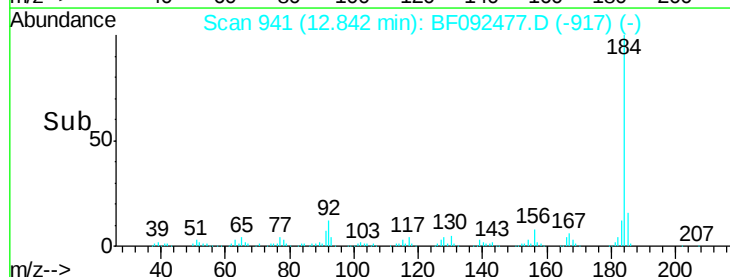
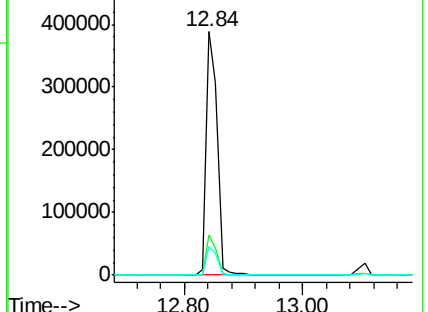
183 11.8 9.2 13.8

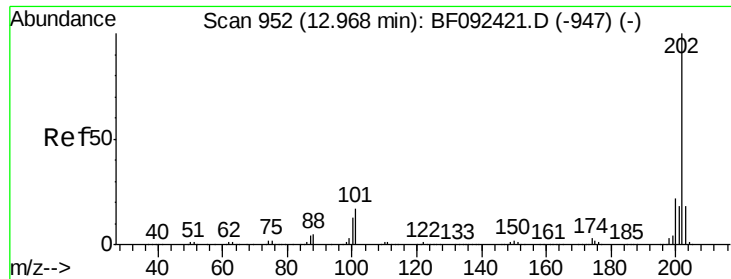


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

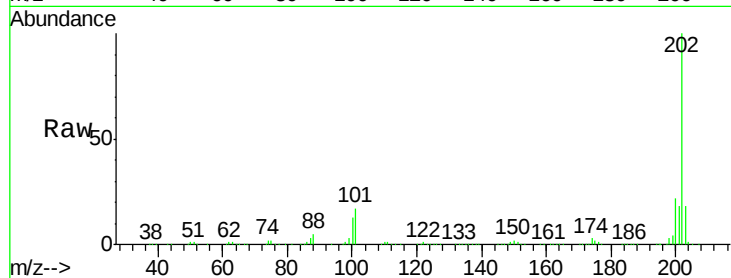




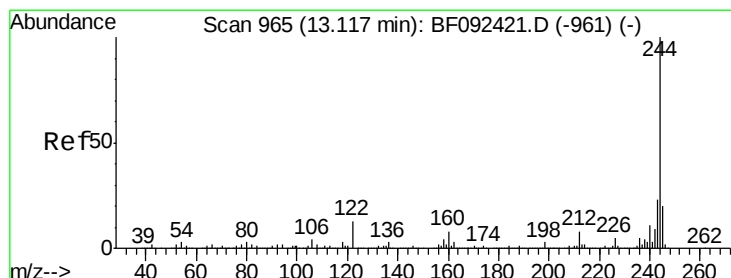
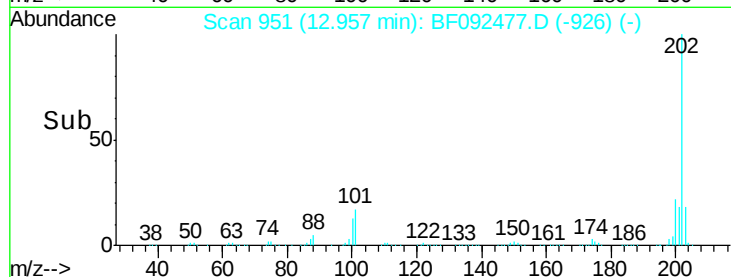
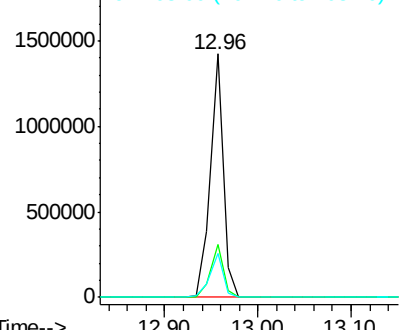
#77
Pvrene
Concen: 36.12 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1379018
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 17.8 14.7 22.1

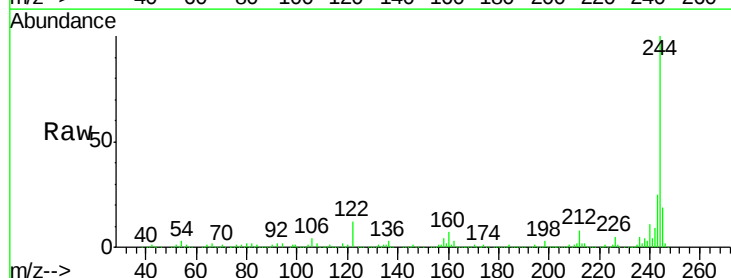


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

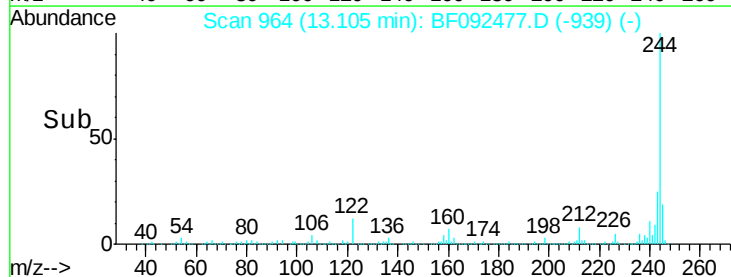
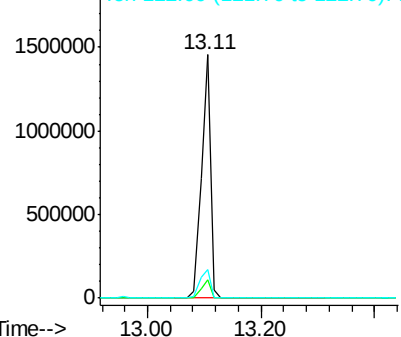


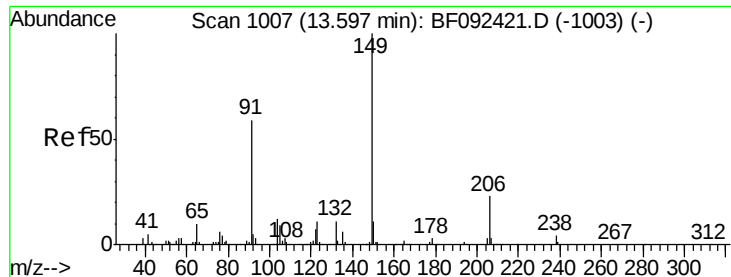
#78
Terphenyl-d14
Concen: 78.85 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:244 Resp: 1560098
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 11.6 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

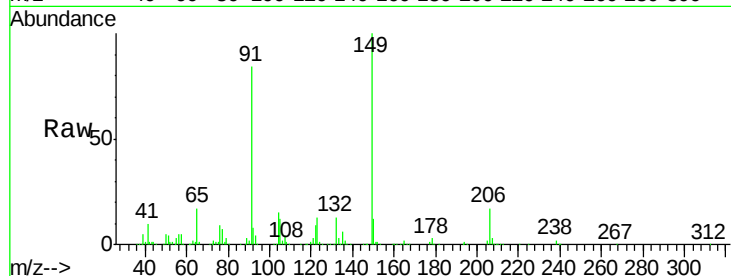




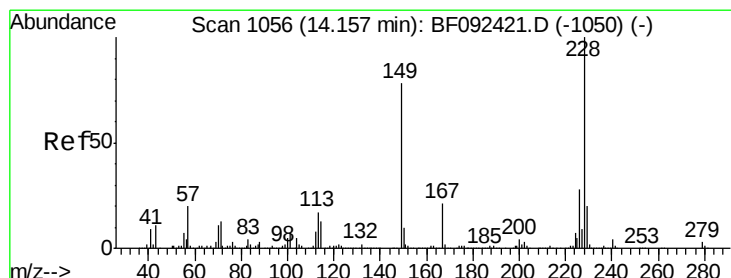
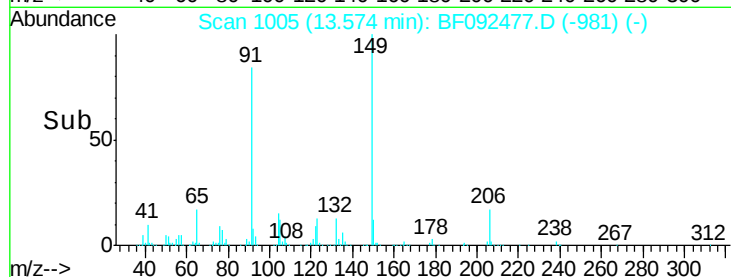
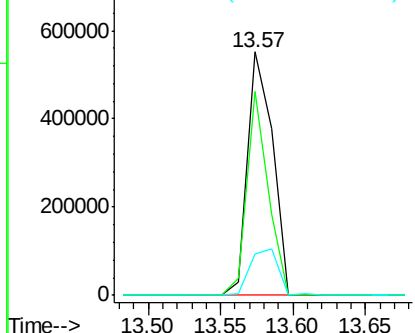
#79
Butylbenzylphthalate
Concen: 42.69 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 660244
Ion Ratio Lower Upper
149 100
91 83.9 63.9 95.9
206 16.8 14.6 21.8

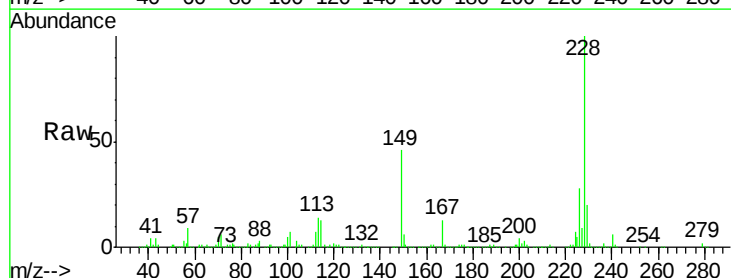


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

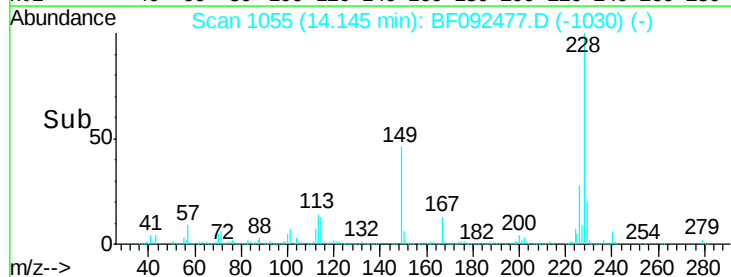
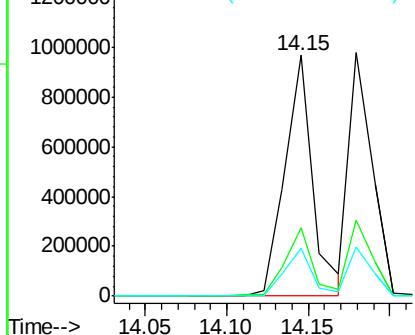


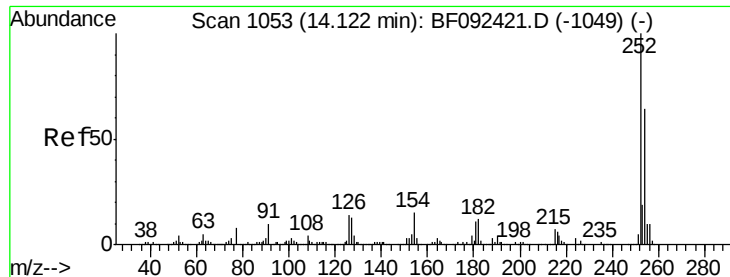
#80
Benzo(a)anthracene
Concen: 40.76 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:228 Resp: 1154271
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 19.8 16.2 24.4



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

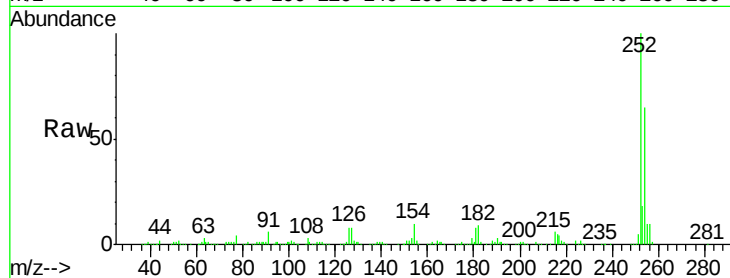




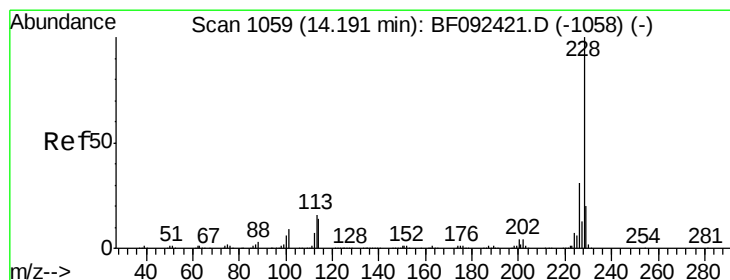
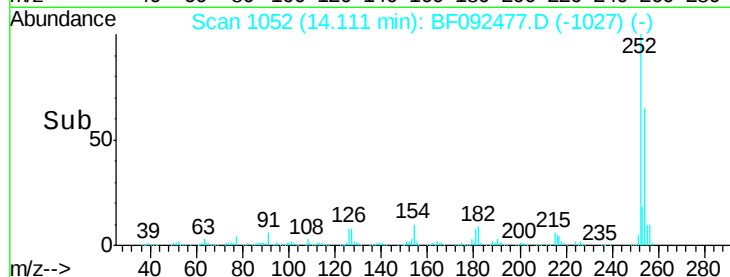
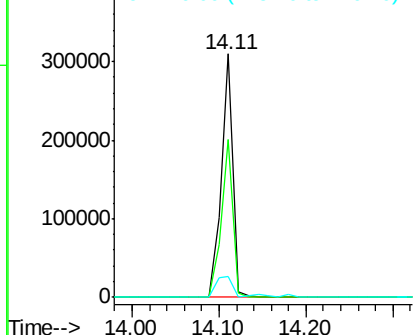
#81
 3,3'-Dichlorobenzidine
 Concen: 27.12 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 291566
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.3 78.5
 126 8.5 13.6 20.4#

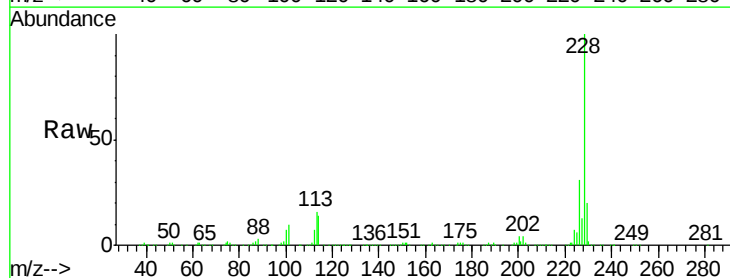


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

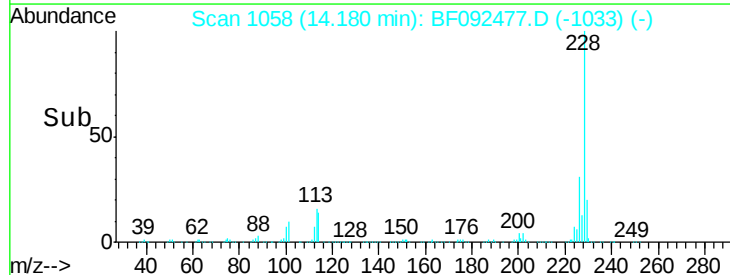
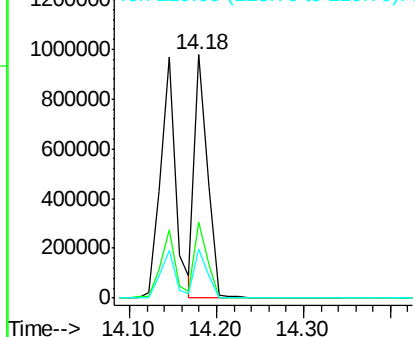


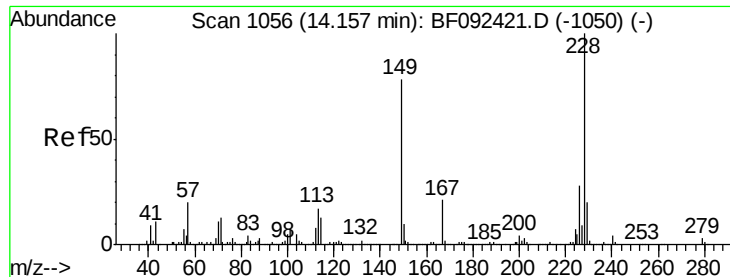
#82
 Chrysene
 Concen: 33.06 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Tgt Ion:228 Resp: 999927
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.1 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.30 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

Instrument :

BNA_F

ClientSampleId :

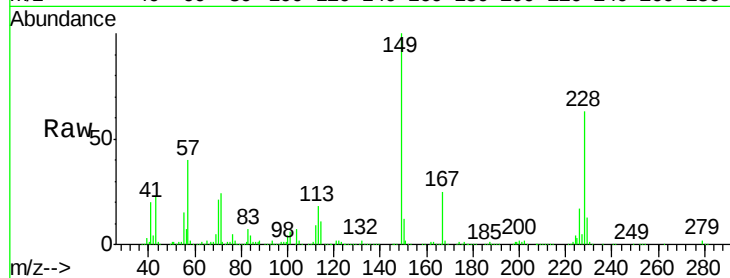
Tot Ion:149 Resp: 804368

Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.4

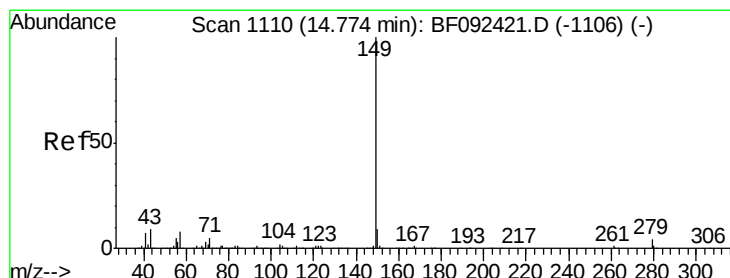
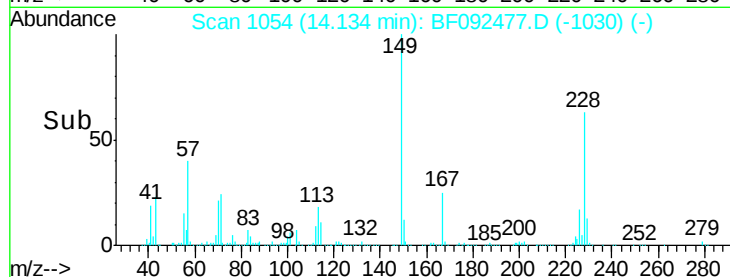
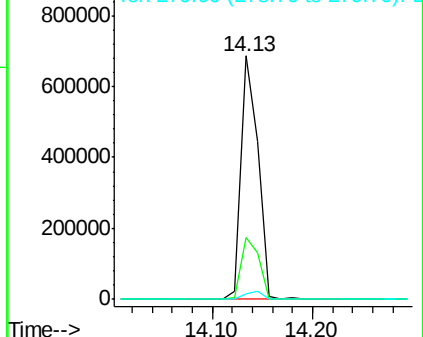
279 2.0 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.53 ng

RT: 14.75 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF092477.D

Acq: 25 Jan 2017 15:32

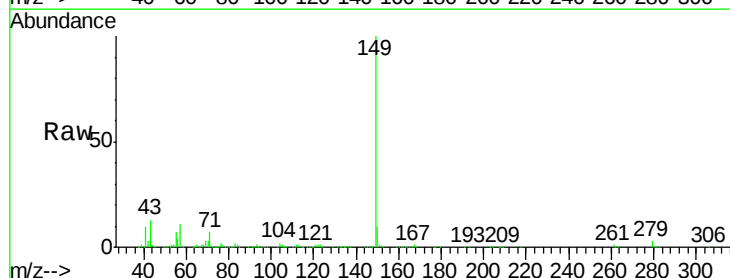
Tgt Ion:149 Resp: 1539424

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

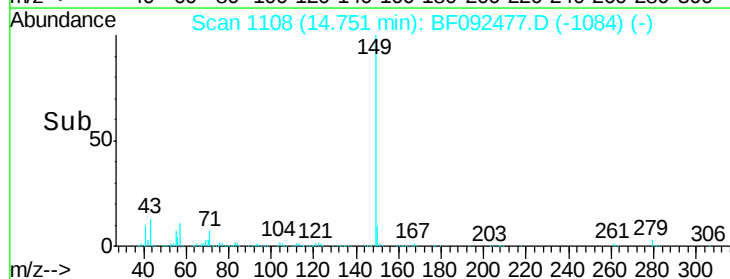
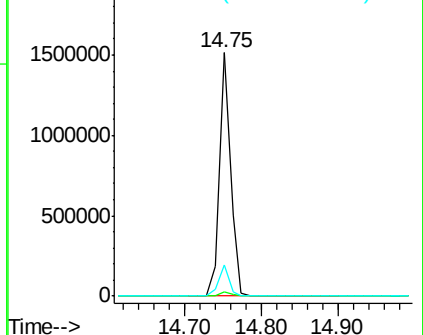
43 12.1 8.9 13.3

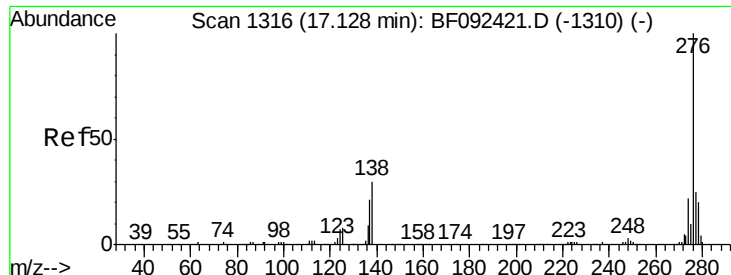


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

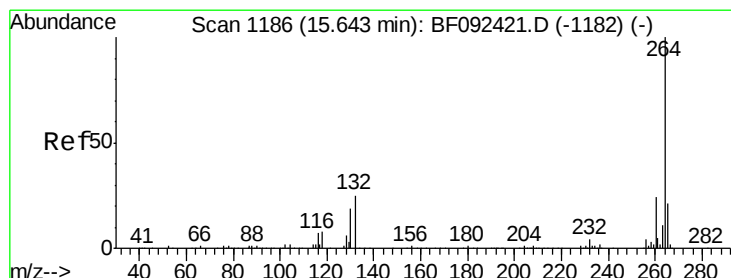
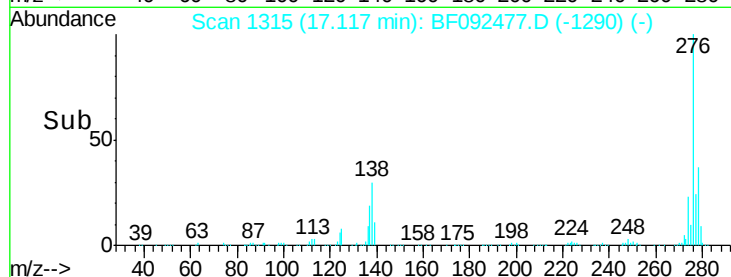
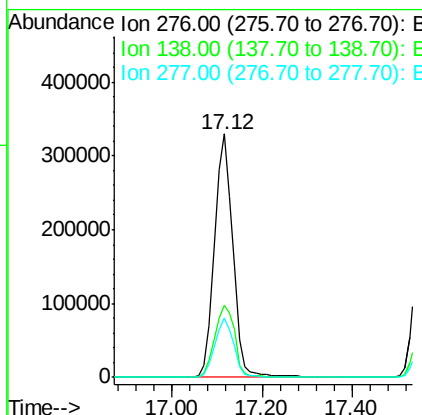
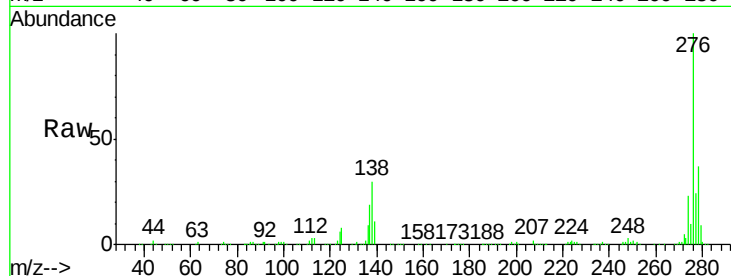




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.12 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

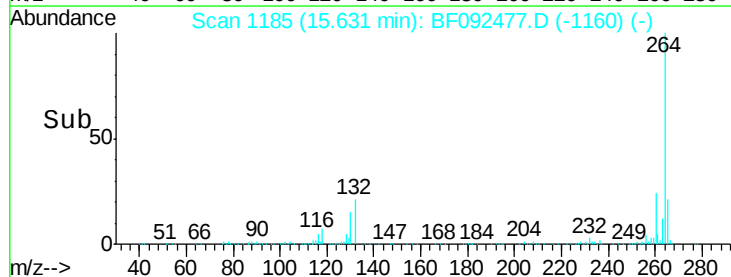
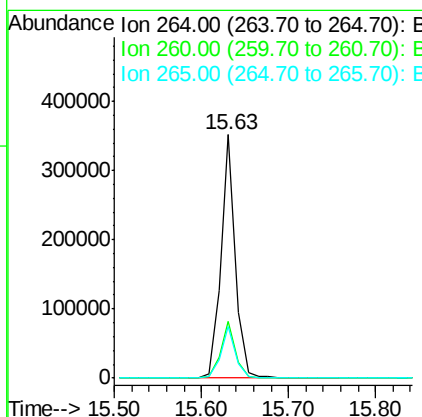
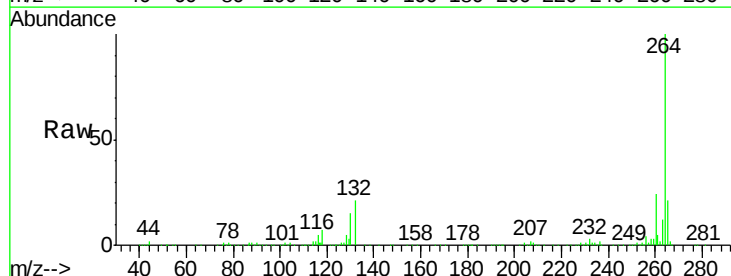
Instrument :
BNA_F
ClientSampleId :

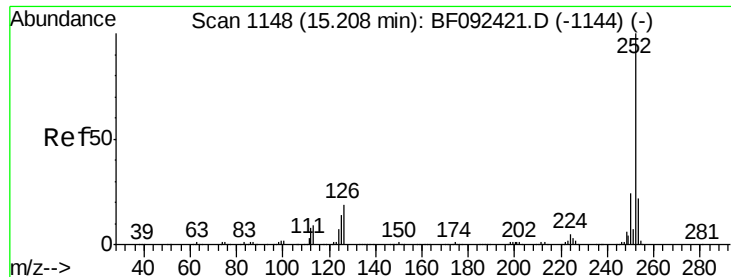
Tot Ion:276 Resp: 942513
Ion Ratio Lower Upper
276 100
138 32.3 21.8 32.6
277 25.0 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:264 Resp: 410634
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.3 17.4 26.0

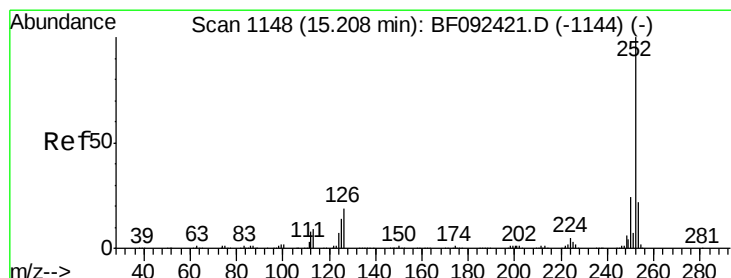
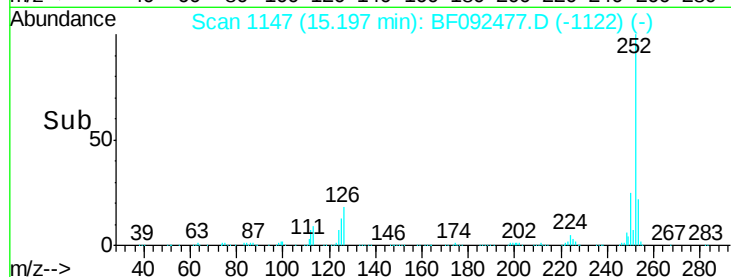
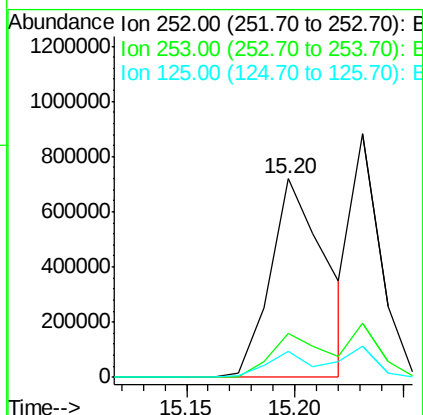
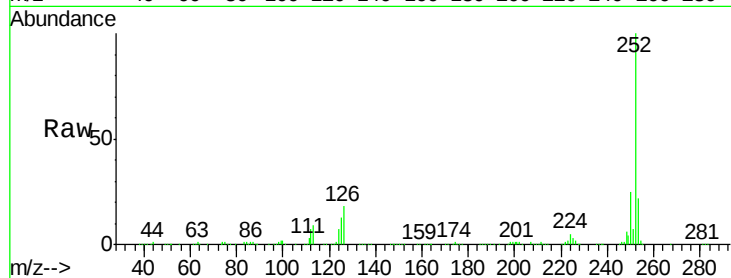




#87
Benzo(b)fluoranthene
Concen: 48.29 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

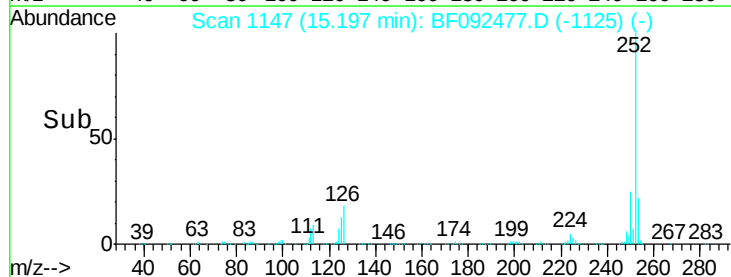
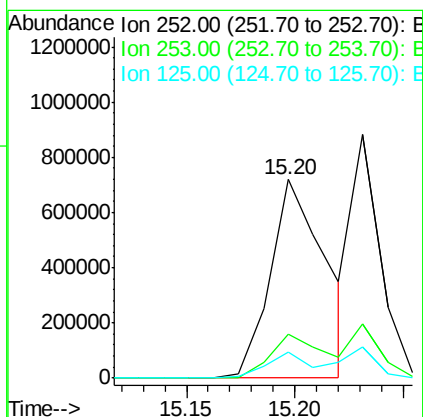
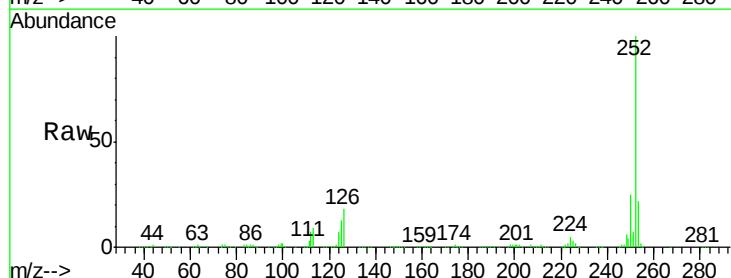
Instrument :
BNA_F
ClientSampled :

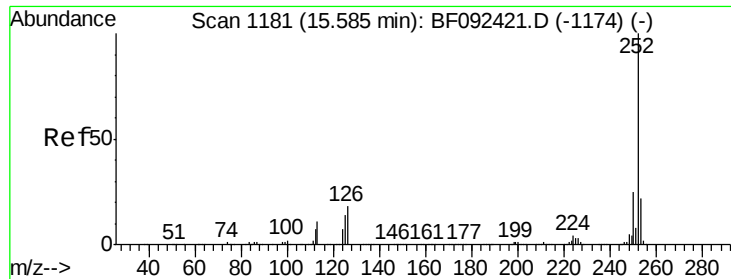
Tot Ion:252 Resp: 1272966
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 13.4 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 58.07 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:252 Resp: 1272966
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 13.4 8.9 13.3#

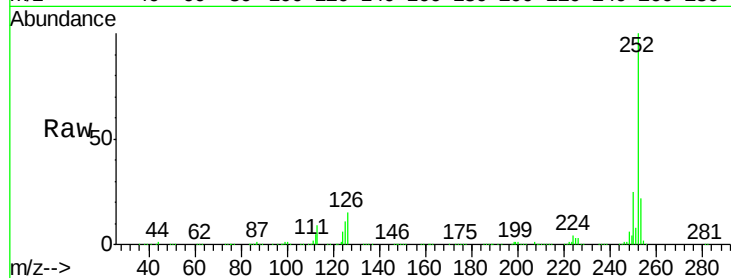




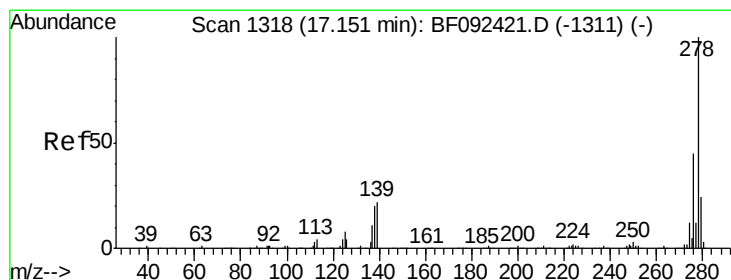
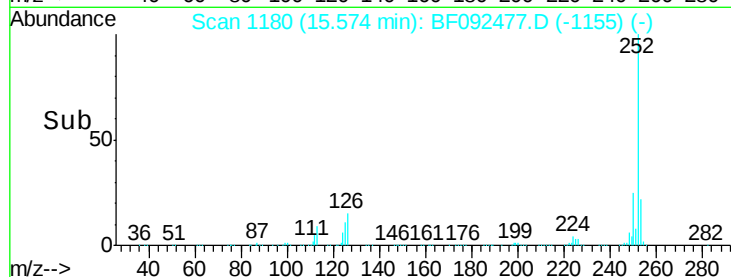
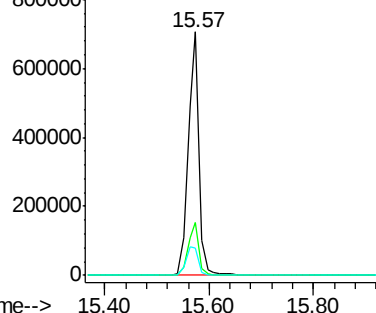
#89
Benzo(a)pyrene
Concen: 44.70 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 996770
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 11.0 10.0 15.0

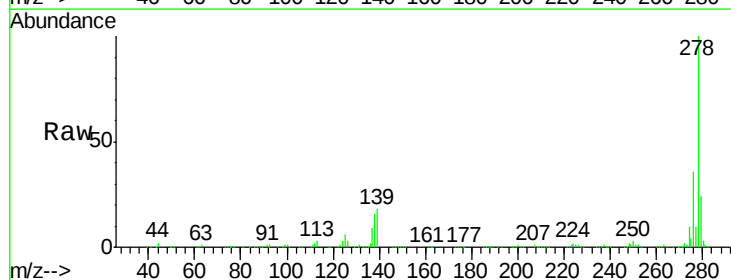


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

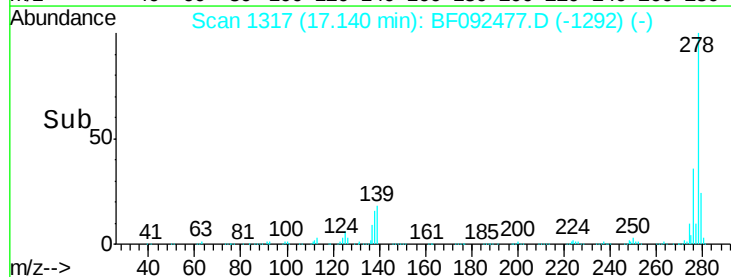
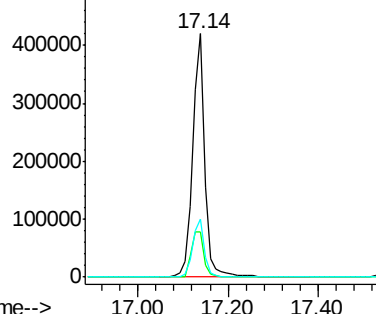


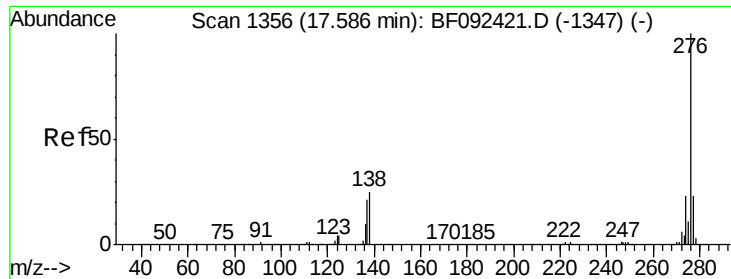
#90
Dibenzo(a,h)anthracene
Concen: 43.61 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF092477.D
Acq: 25 Jan 2017 15:32

Tgt Ion:278 Resp: 786347
Ion Ratio Lower Upper
278 100
139 18.4 14.8 22.2
279 24.1 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

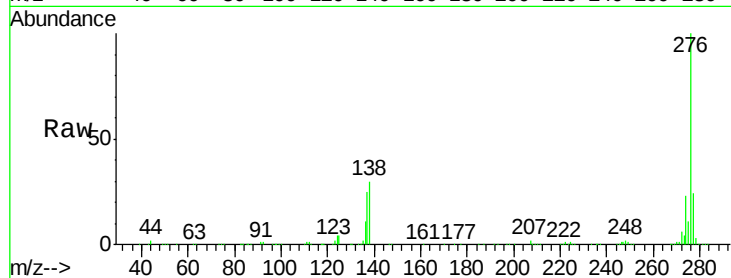




#91
 Benzo(a,h,i)perylene
 Concen: 42.57 ng
 RT: 17.56 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BF092477.D
 Acq: 25 Jan 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 776442
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.2 28.8
 138 29.8 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

