

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092517.D
 Acq On : 26 Jan 2017 11:20
 Operator : SJ/MA
 Sample : I1309-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 13:28:19 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	156500	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	619846	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	348072	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	525970	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	350577	20.00	ng	-0.01
86) Perylene-d12	15.63	264	335476	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1317696	131.00	ng	0.02
7) Phenol-d6	6.60	99	1767016	137.91	ng	0.01
23) Nitrobenzene-d5	7.54	82	1098169	96.78	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	294798	124.28	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1651599	87.74	ng	-0.01
78) Terphenyl-d14	13.10	244	1357094	103.08	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	212987	39.81	ng	# 84
3) Pyridine	3.44	79	583459	38.31	ng	# 85
4) n-Nitrosodimethylamine	3.39	42	328737	44.00	ng	# 84
6) Aniline	6.64	93	359366	18.80	ng	# 44
8) 2-Chlorophenol	6.75	128	486262	46.02	ng	# 90
9) Benzaldehyde	6.51	77	379945	41.79	ng	# 90
10) Phenol	6.61	94	832491	53.83	ng	# 71
11) bis(2-Chloroethyl)ether	6.70	93	510529	44.12	ng	# 92
12) 1,3-Dichlorobenzene	6.99	146	592893	47.45	ng	# 98
13) 1,4-Dichlorobenzene	6.99	146	592893	47.14	ng	# 93
14) 1,2-Dichlorobenzene	7.14	146	508066	42.58	ng	# 99
15) Benzyl Alcohol	7.12	79	507279	52.54	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	7.25	45	988734	43.20	ng	# 93
17) 2-Methylphenol	7.22	107	453511	50.24	ng	# 98
18) Hexachloroethane	7.48	117	191246	44.14	ng	# 86
19) n-Nitroso-di-n-propylamine	7.39	70	369677	42.37	ng	# 93
20) 3+4-Methylphenols	7.38	107	522565	47.71	ng	# 96
22) Acetophenone	7.38	105	732080	49.59	ng	# 84
24) Nitrobenzene	7.56	77	612905	51.56	ng	# 85
25) Isophorone	7.80	82	1079652	48.28	ng	# 99
26) 2-Nitrophenol	7.87	139	267875	53.78	ng	# 90
27) 2,4-Dimethylphenol	7.92	122	525869	50.76	ng	# 94
28) bis(2-Chloroethoxy)methane	8.01	93	621935	42.37	ng	# 99
29) 2,4-Dichlorophenol	8.12	162	464530	51.72	ng	# 98
30) 1,2,4-Trichlorobenzene	8.20	180	442679	45.60	ng	# 96
31) Naphthalene	8.28	128	1385978	43.69	ng	# 99
32) Benzoic acid	8.01	122	175013	25.08	ng	# 98
33) 4-Chloroaniline	8.33	127	112070	8.35	ng	# 98
34) Hexachlorobutadiene	8.41	225	245646	46.26	ng	# 98
35) Caprolactam	8.70	113	101290	33.77	ng	# 29
36) 4-Chloro-3-methylphenol	8.82	107	493018	50.90	ng	# 96
37) 2-Methylnaphthalene	8.98	142	913348	45.48	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	457078	52.06	ng	# 100
40) Hexachlorocyclopentadiene	9.14	237	267604	60.86	ng	# 98

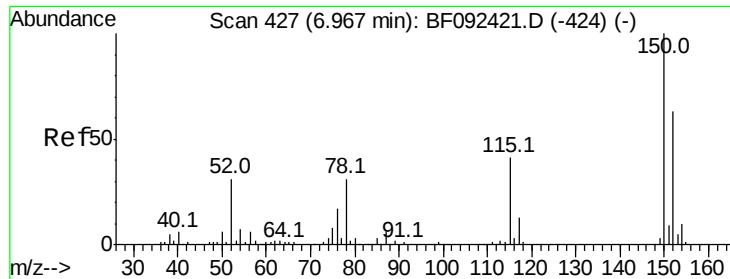
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	330030	49.06	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	316689	51.45	nq	# 91
45) 1,1'-Biphenyl	9.45	154	1102059	43.80	nq	97
46) 2-Chloronaphthalene	9.47	162	856385	41.67	nq	96
47) 2-Nitroaniline	9.56	65	295266	42.67	nq	92
48) Acenaphthylene	9.89	152	1490628	49.45	nq	99
49) Dimethylphthalate	9.76	163	1310078	59.19	nq	100
50) 2,6-Dinitrotoluene	9.81	165	262944	58.12	nq	96
51) Acenaphthene	10.06	154	901331	48.12	nq	97
52) 3-Nitroaniline	9.97	138	109323	19.29	nq	99
53) 2,4-Dinitrophenol	10.08	184	93236	43.92	nq	# 36
54) Dibenzofuran	10.24	168	1245449	48.97	nq	95
55) 4-Nitrophenol	10.14	139	434985	96.67	nq	# 65
56) 2,4-Dinitrotoluene	10.21	165	299815	49.93	nq	98
57) Fluorene	10.58	166	956223	50.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	246974	53.55	nq	99
59) Diethylphthalate	10.45	149	1008692	47.53	nq	98
60) 4-Chlorophenyl-phenylether	10.57	204	396135	43.31	nq	92
61) 4-Nitroaniline	10.59	138	232290	40.99	nq	95
62) Azobenzene	10.73	77	1100093	45.55	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	95781	35.26	nq	90
65) n-Nitrosodiphenylamine	10.69	169	886749	53.99	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	249637	47.01	nq	97
67) Hexachlorobenzene	11.13	284	260921	48.61	nq	# 92
68) Atrazine	11.22	200	275209	48.95	nq	98
69) Pentachlorophenol	11.32	266	304637	88.76	nq	98
70) Phenanthrene	11.54	178	1282528	44.28	nq	99
71) Anthracene	11.60	178	1460888	51.61	nq	98
72) Carbazole	11.74	167	1224462	45.30	nq	99
73) Di-n-butylphthalate	12.08	149	1471390	47.61	nq	98
74) Fluoranthene	12.73	202	1220048	43.06	nq	97
76) Benzidine	12.85	184	406997	31.27	nq	98
77) Pyrene	12.96	202	1177242	46.35	nq	99
79) Butylbenzylphthalate	13.57	149	557394	54.16	nq	97
80) Benzo(a)anthracene	14.15	228	868940	46.12	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	290614	40.62	nq	# 95
82) Chrysene	14.18	228	817339	40.62	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	688536	53.13	nq	100
84) Di-n-octyl phthalate	14.75	149	1276000	54.23	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	932872	62.66	nq	# 94
87) Benzo(b)fluoranthene	15.20	252	870594	40.42	nq	99
88) Benzo(k)fluoranthene	15.20	252	870594	48.61	nq	98
89) Benzo(a)pyrene	15.57	252	880535	48.33	nq	97
90) Dibenzo(a,h)anthracene	17.14	278	786438	53.38	nq	98
91) Benzo(g,h,i)perylene	17.56	276	760294	51.03	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092517.D

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BNA_F

ClientSampleId :

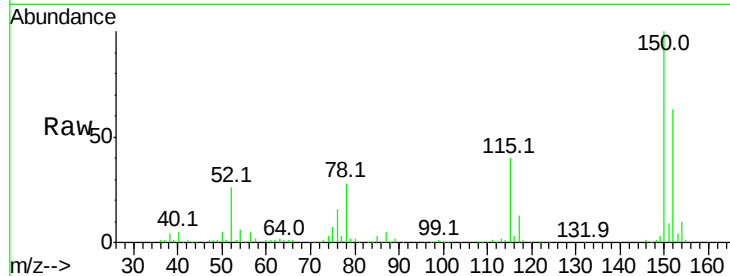
Tot Ion:152 Resp: 156500

Ion Ratio Lower Upper

152 100

150 159.2 124.9 187.3

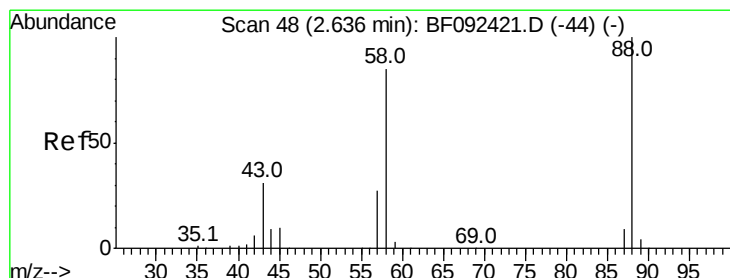
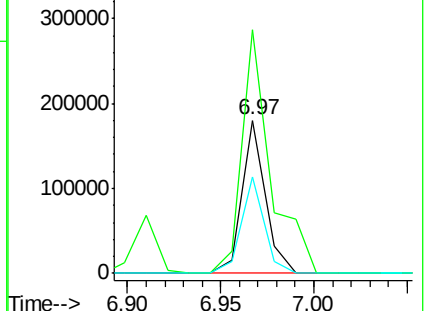
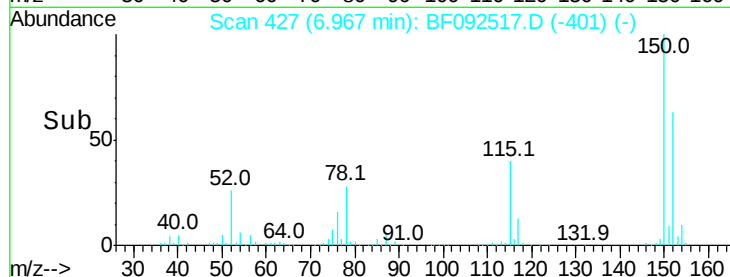
115 63.2 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.81 ng

RT: 2.68 min Scan# 52

Delta R.T. 0.05 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

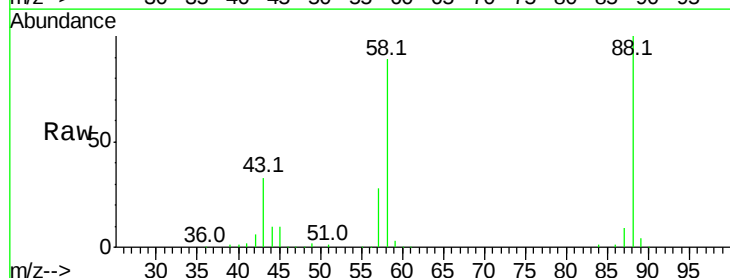
Tgt Ion: 88 Resp: 212987

Ion Ratio Lower Upper

88 100

58 88.2 57.8 86.8#

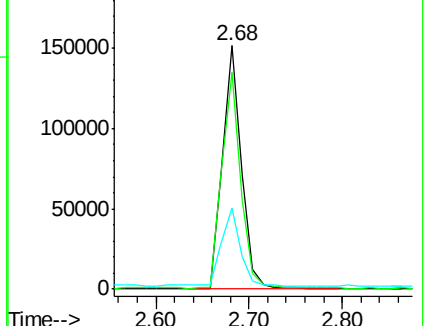
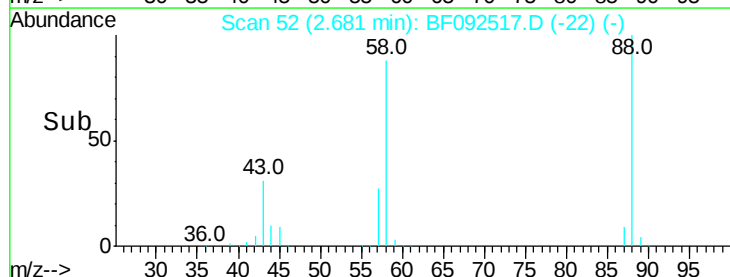
43 32.2 22.3 33.5

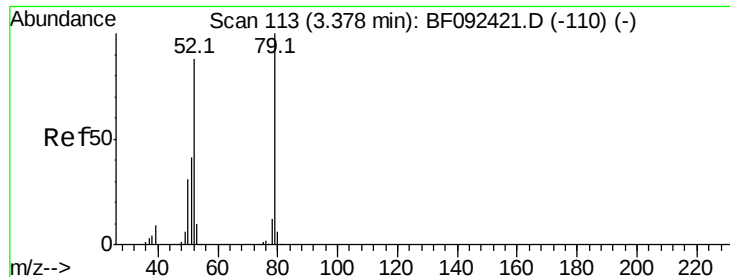


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.31 ng

RT: 3.44 min Scan# 118

Delta R.T. 0.06 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

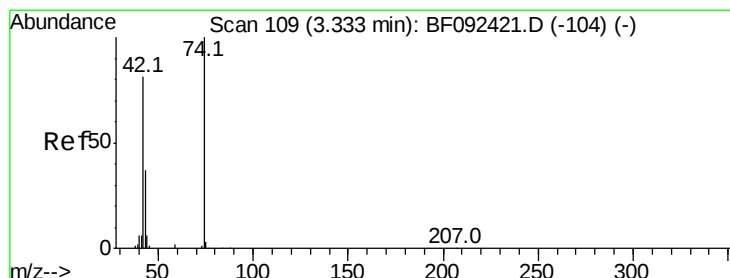
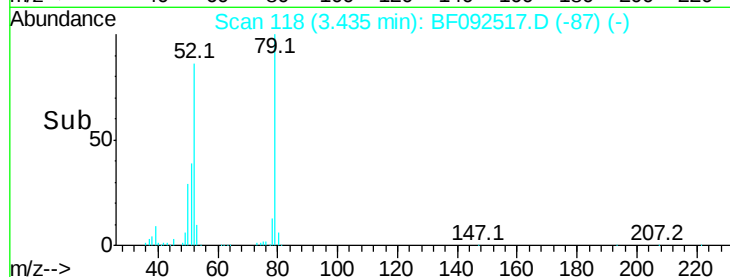
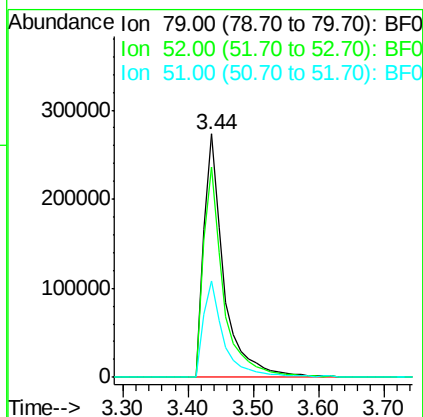
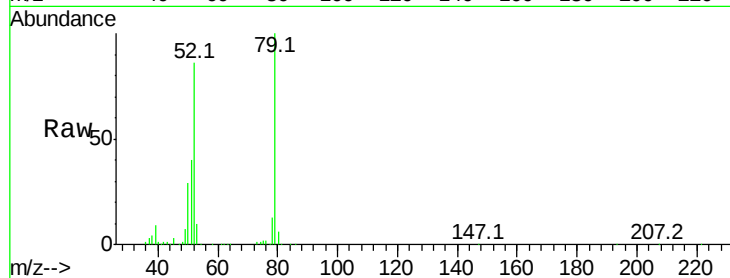
Tot Ion: 79 Resp: 583459

Ion Ratio Lower Upper

79 100

52 86.4 57.1 85.7#

51 39.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.00 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.06 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

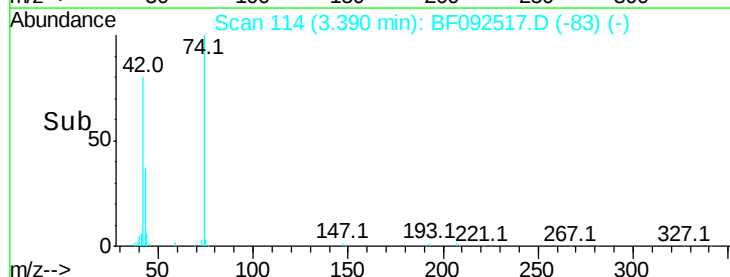
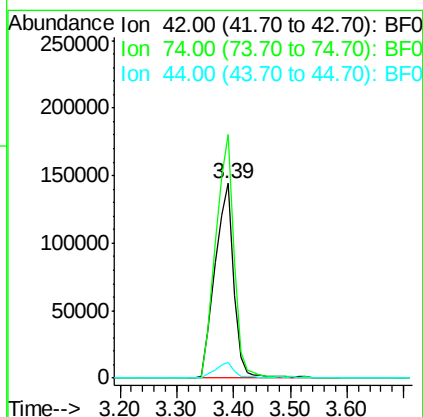
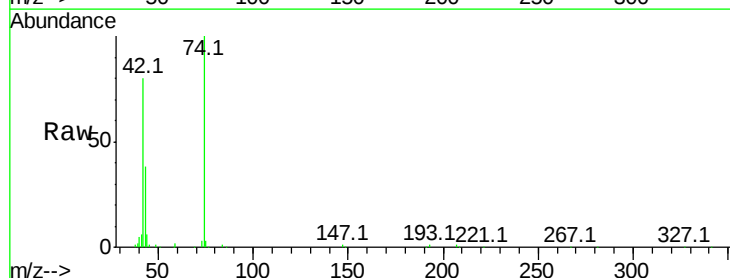
Tgt Ion: 42 Resp: 328737

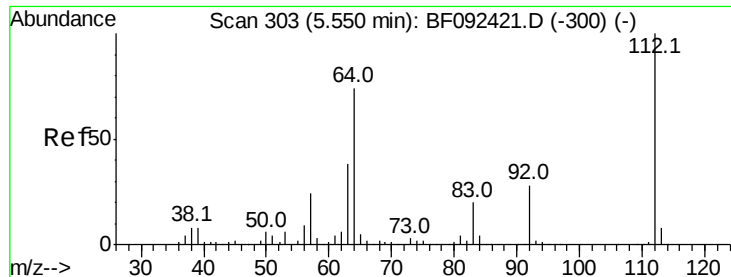
Ion Ratio Lower Upper

42 100

74 125.0 117.0 175.4

44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 131.00 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampled :

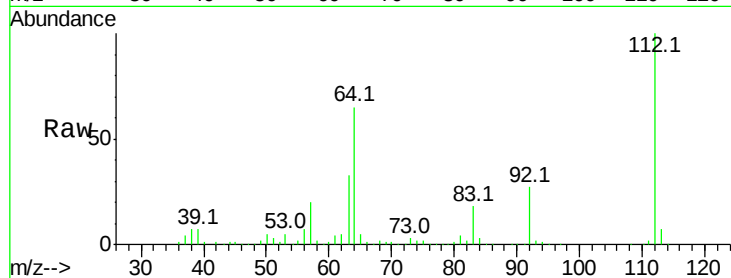
Tot Ion:112 Resp: 1317696

Ion Ratio Lower Upper

112 100

64 64.6 46.1 69.1

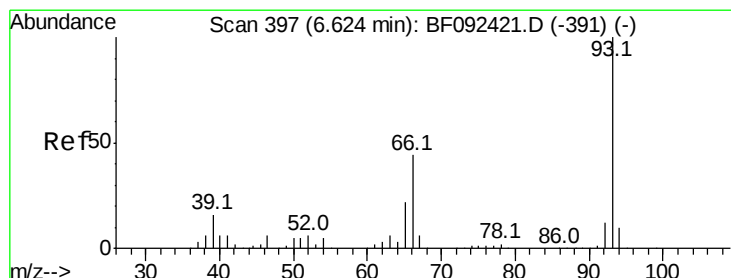
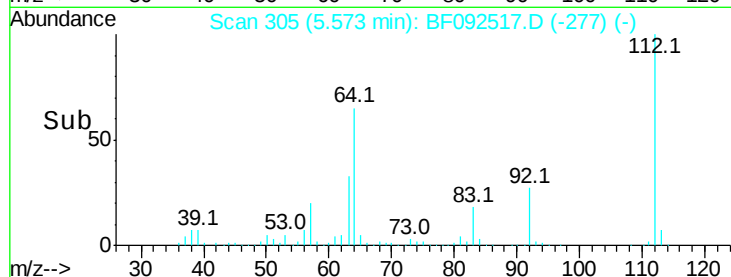
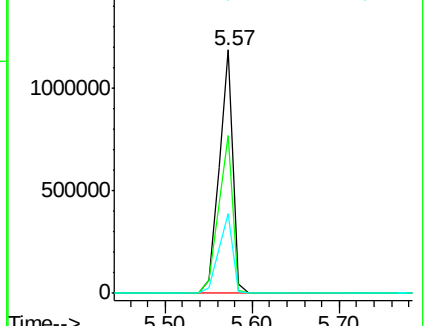
63 33.0 23.8 35.6



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: 18.80 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

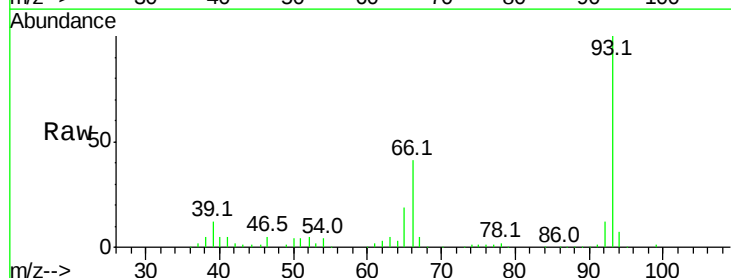
Tgt Ion: 93 Resp: 359366

Ion Ratio Lower Upper

93 100

66 40.5 76.2 114.2#

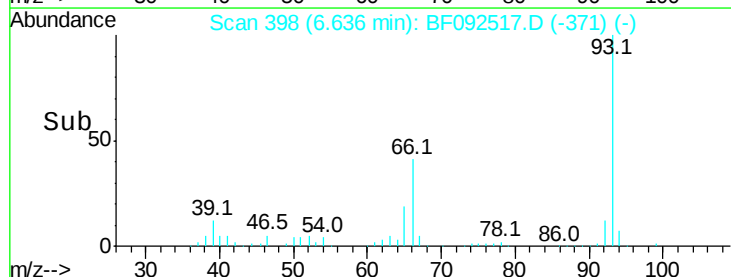
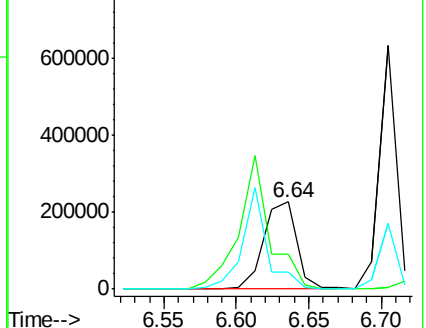
65 19.3 49.3 73.9#

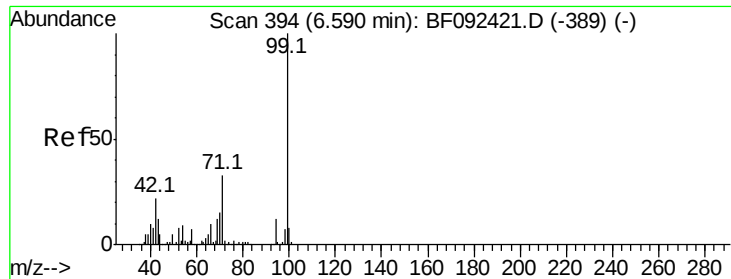


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.91 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

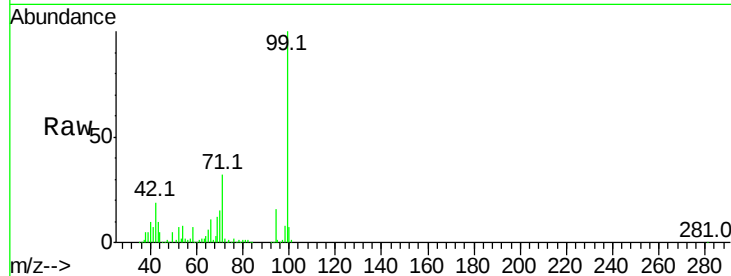
Tot Ion: 99 Resp: 1767016

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

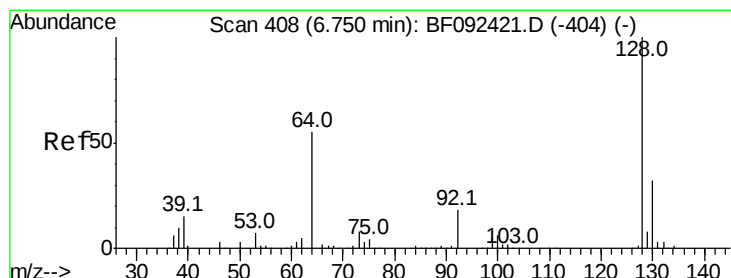
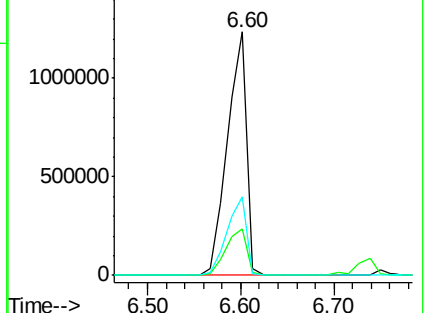
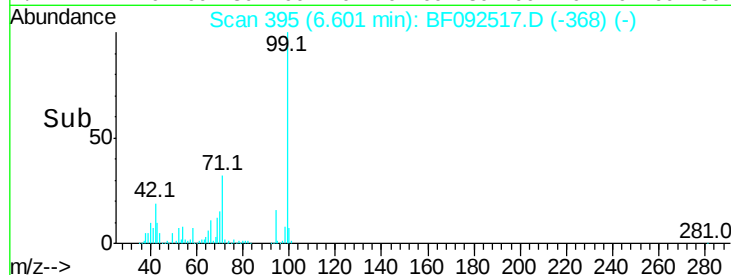
71 32.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.02 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

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Acq: 26 Jan 2017 11:20

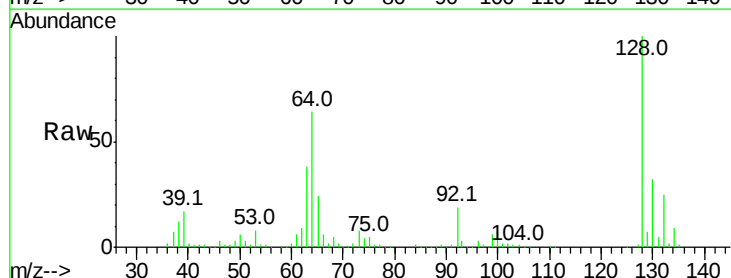
Tgt Ion: 128 Resp: 486262

Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

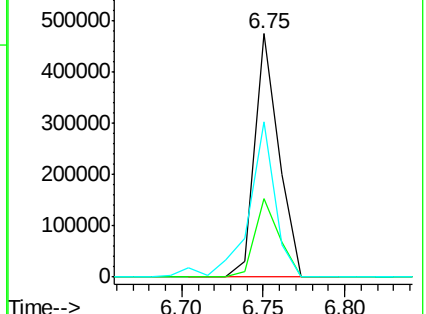
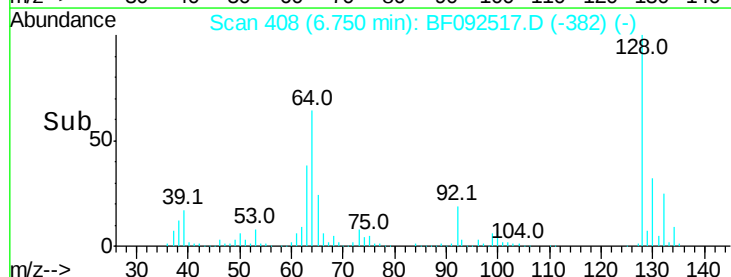
64 64.0 32.2 72.2

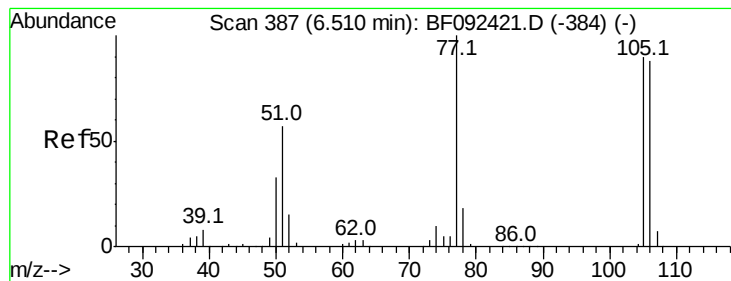


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.79 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampled :

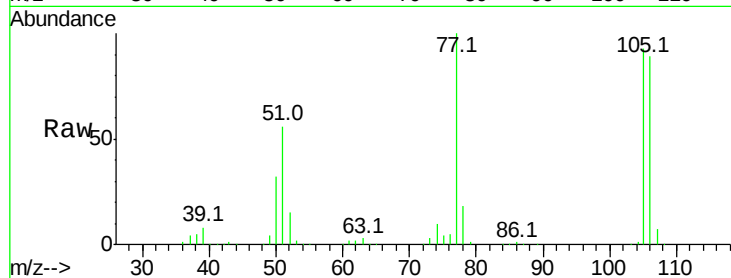
Tot Ion: 77 Resp: 379945

Ion Ratio Lower Upper

77 100

105 93.1 83.9 123.9

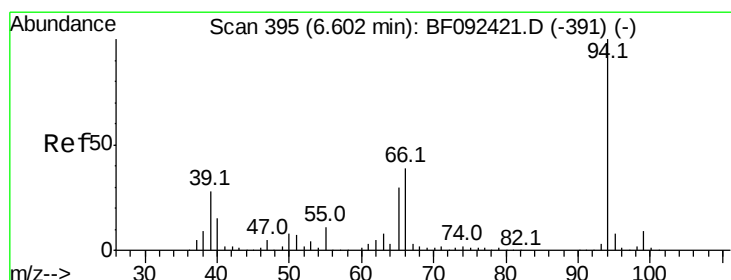
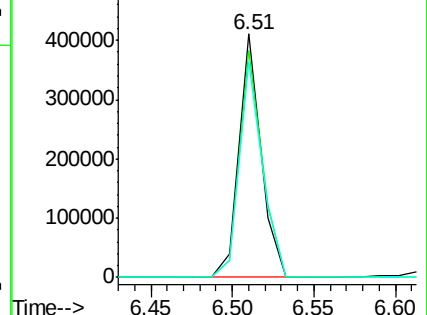
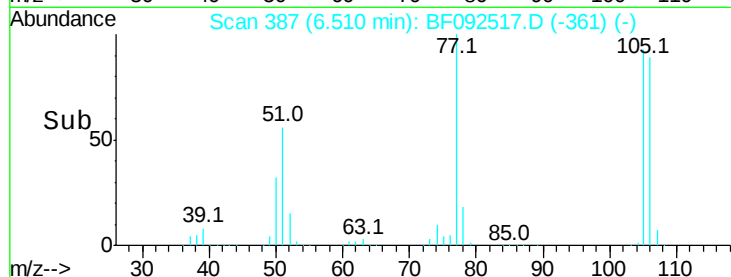
106 88.7 77.6 117.6



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: 53.83 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

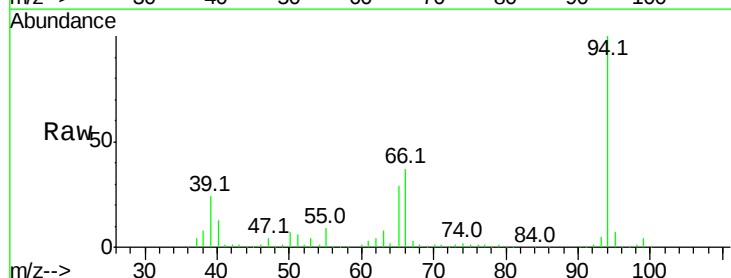
Tgt Ion: 94 Resp: 832491

Ion Ratio Lower Upper

94 100

65 28.5 21.4 61.4

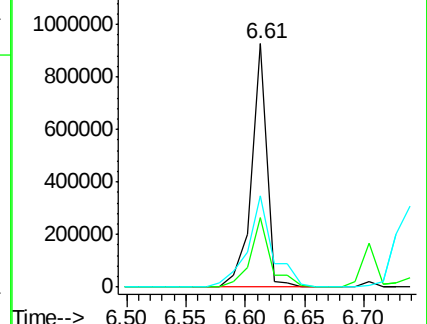
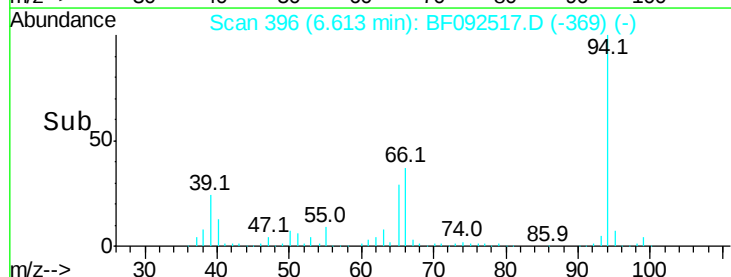
66 37.4 44.0 84.0#

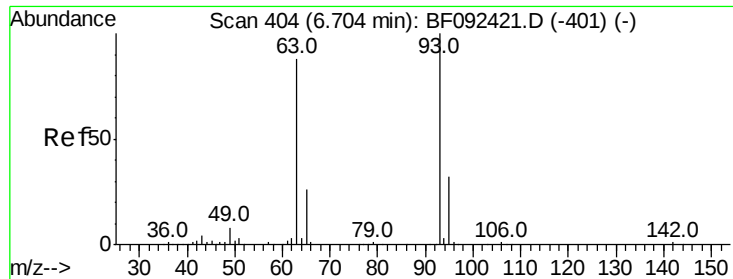


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

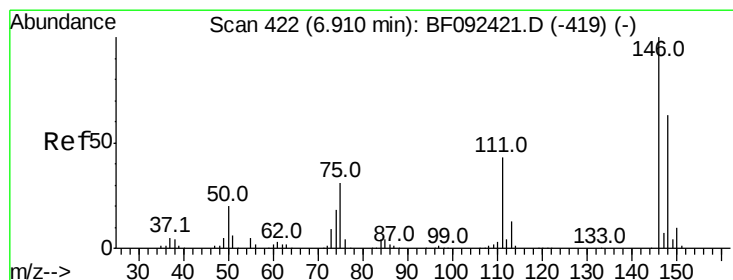
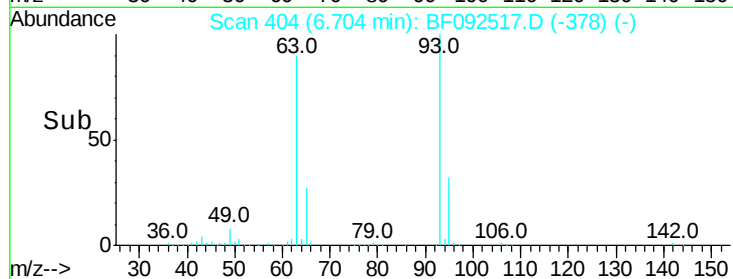
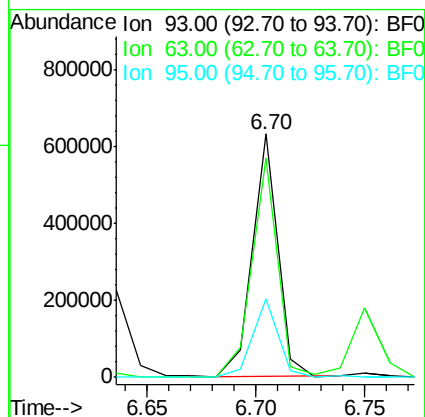
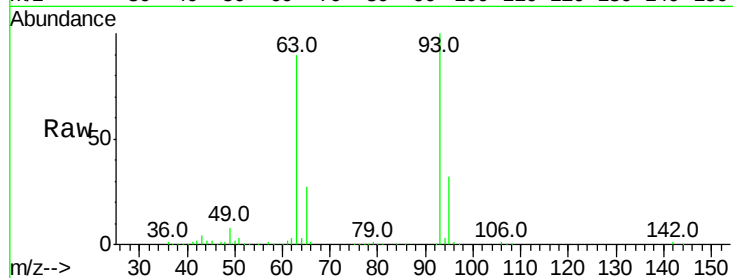




#11
bis(2-Chloroethyl)ether
Concen: 44.12 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

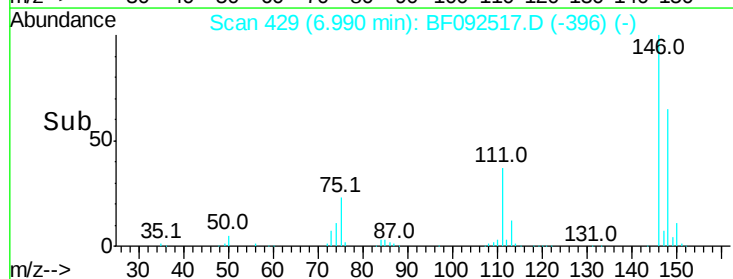
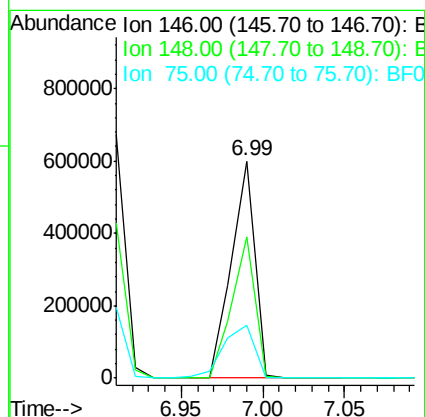
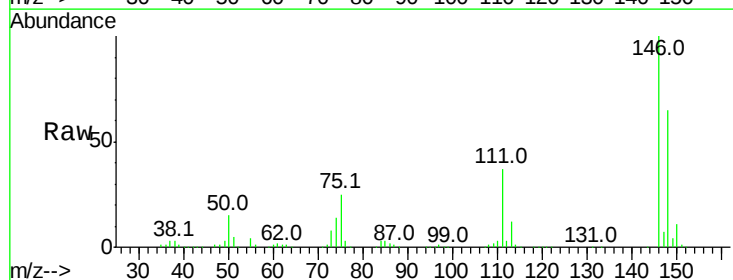
Instrument :
BNA_F
ClientSampleId :

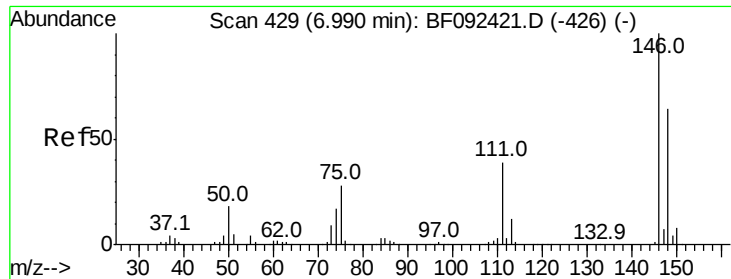
Tot Ion: 93 Resp: 510529
Ion Ratio Lower Upper
93 100
63 90.0 60.4 100.4
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.45 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.08 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion: 146 Resp: 592893
Ion Ratio Lower Upper
146 100
148 65.2 53.4 80.0
75 24.6 18.5 27.7

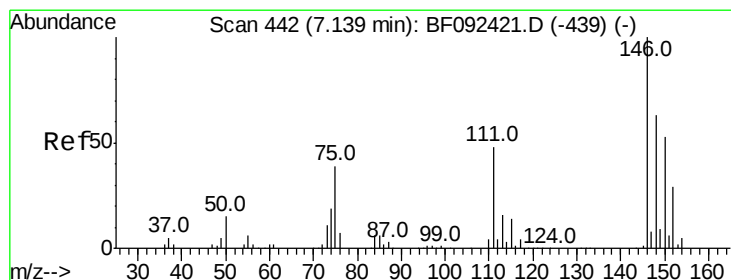
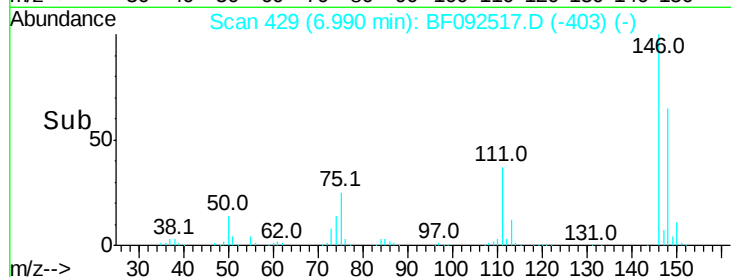
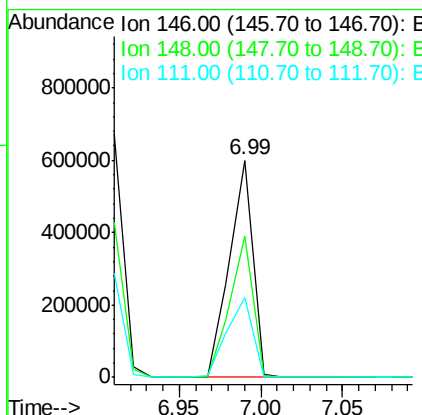
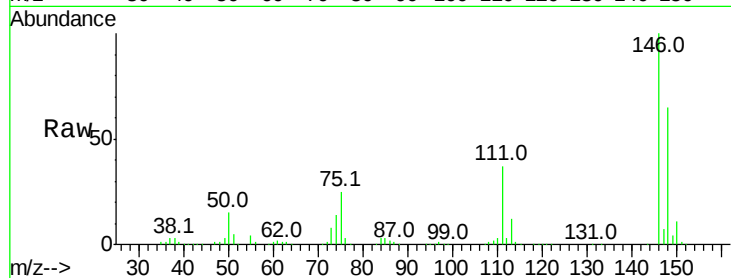




#13
 1,4-Dichlorobenzene
 Concen: 47.14 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

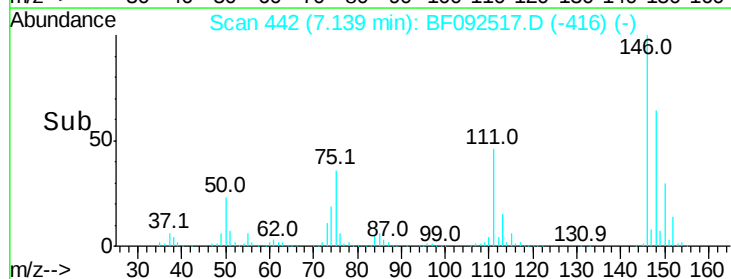
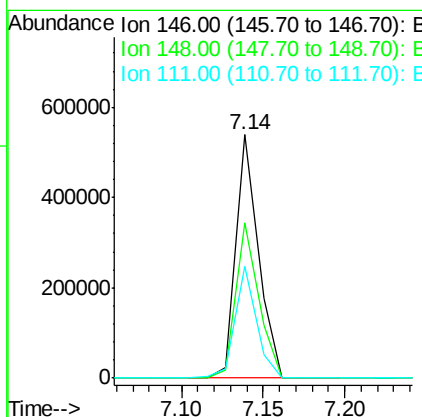
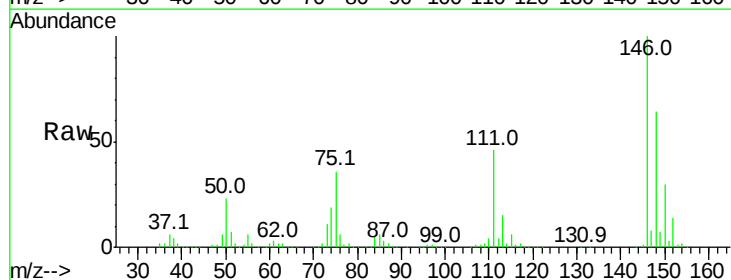
Instrument :
 BNA_F
 ClientSampled :

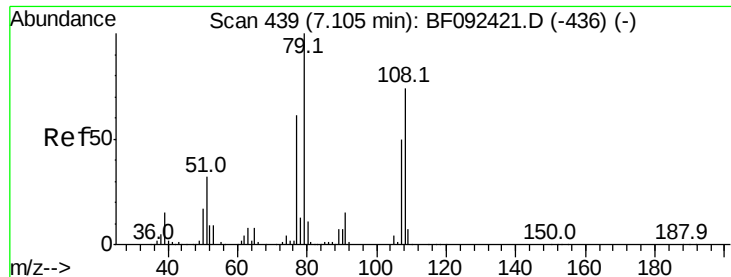
Tot Ion:146 Resp: 592893
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 76.0
 111 36.9 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 42.58 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion:146 Resp: 508066
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 45.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 52.54 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampled :

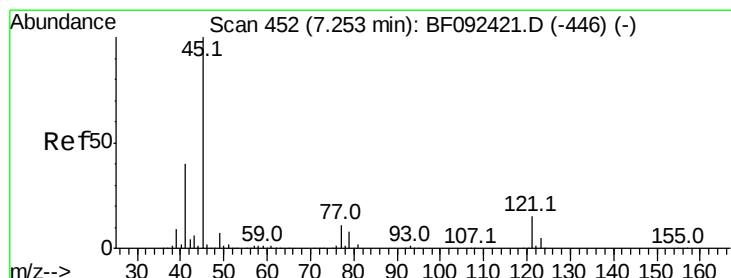
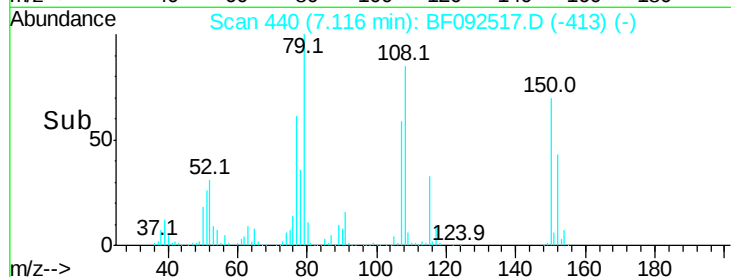
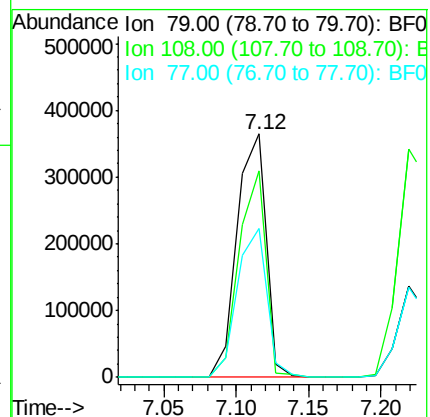
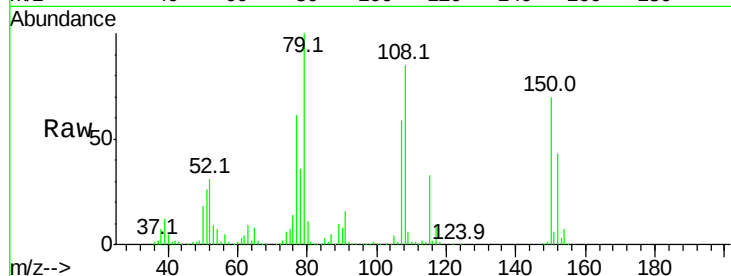
Tot Ion: 79 Resp: 507279

Ion Ratio Lower Upper

79 100

108 84.8 61.4 92.0

77 61.2 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.20 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

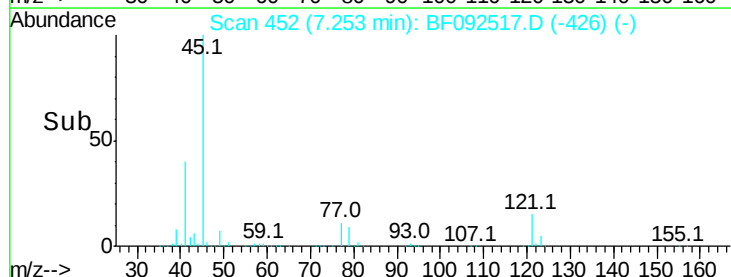
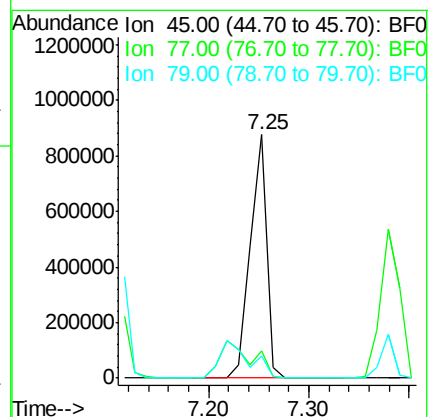
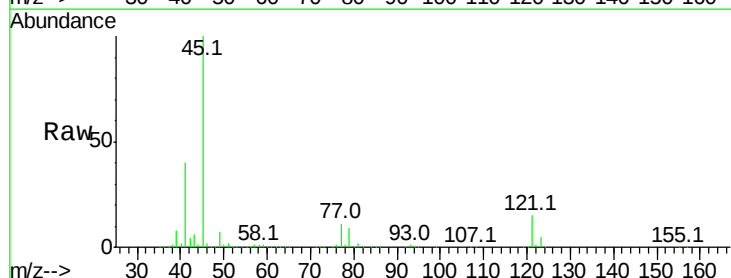
Tgt Ion: 45 Resp: 988734

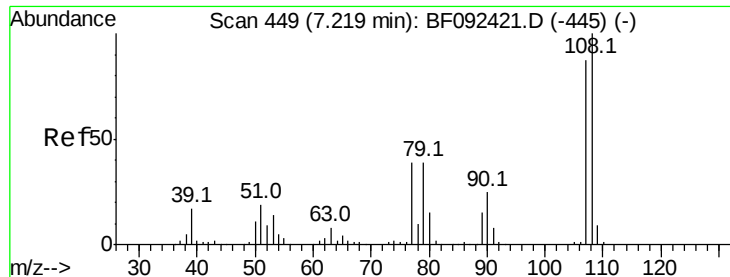
Ion Ratio Lower Upper

45 100

77 11.3 0.0 34.6

79 9.0 0.0 31.2

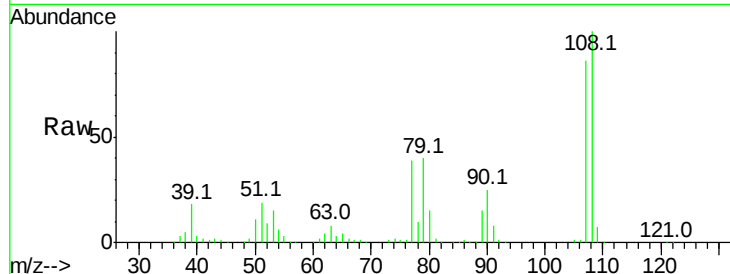




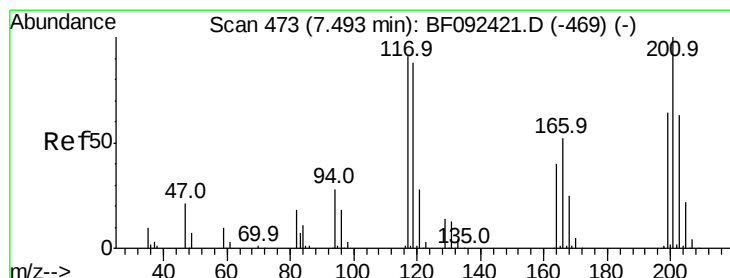
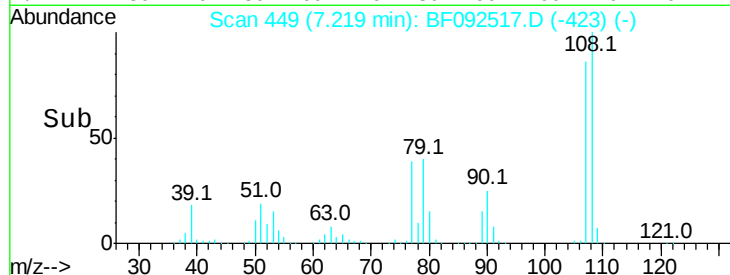
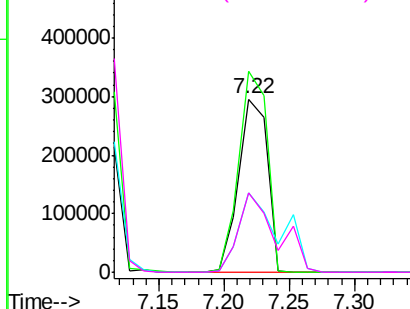
#17
2-Methylphenol
Concen: 50.24 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 453511
Ion Ratio Lower Upper
107 100
108 116.0 93.0 139.6
77 45.7 39.8 59.8
79 46.0 38.0 57.0

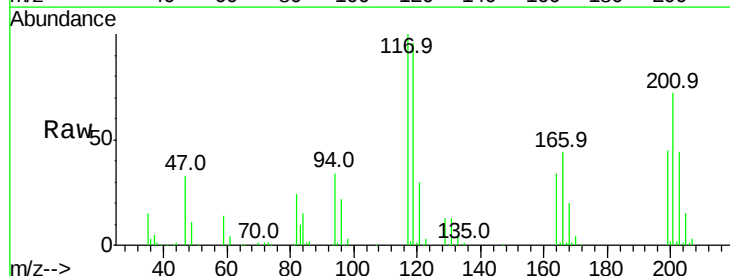


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

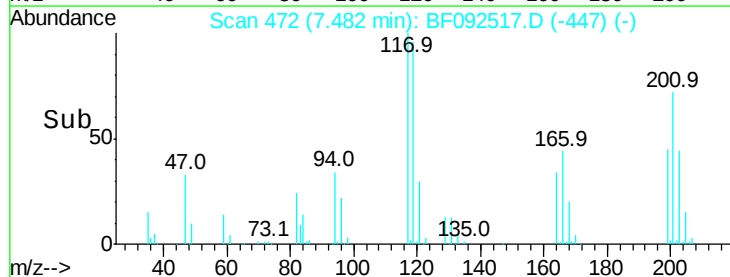
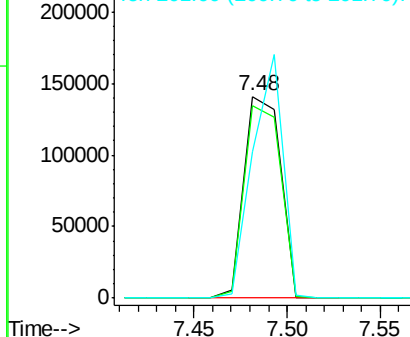


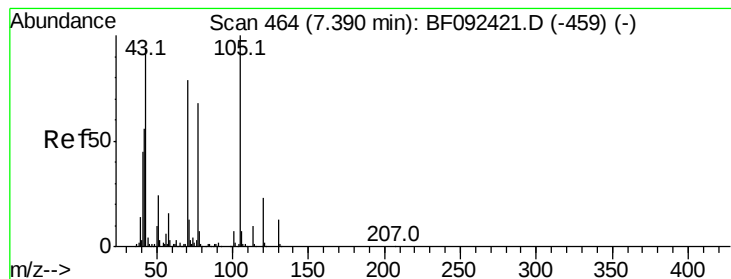
#18
Hexachloroethane
Concen: 44.14 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion:117 Resp: 191246
Ion Ratio Lower Upper
117 100
119 95.5 78.1 117.1
201 72.2 78.6 117.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 42.37 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 369677

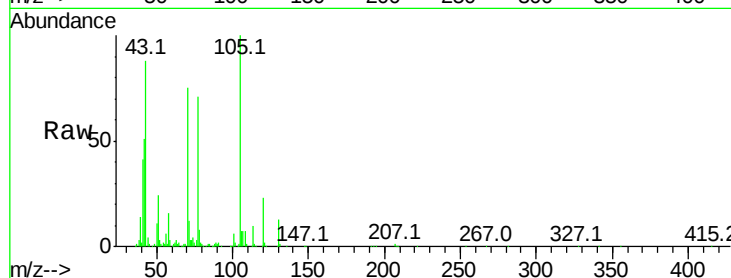
Ion Ratio Lower Upper

70 100

42 68.7 49.4 74.0

101 8.6 7.4 11.2

130 17.9 14.2 21.4

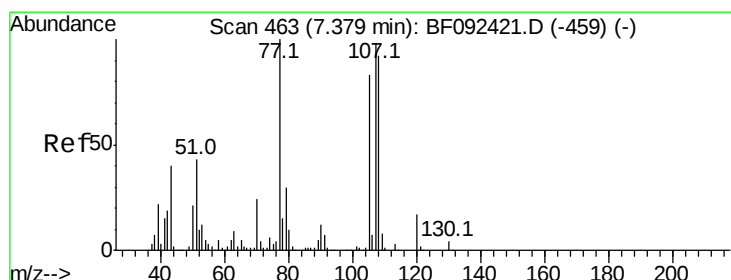
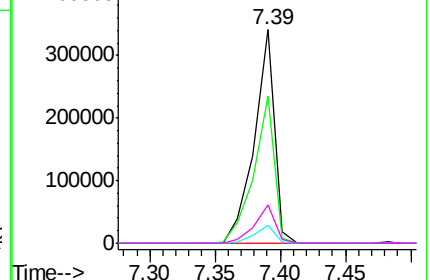
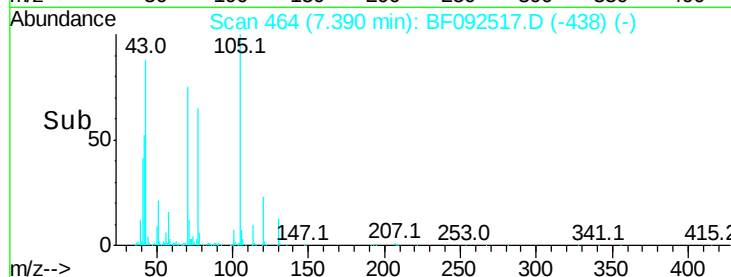


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 47.71 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Tgt Ion: 107 Resp: 522565

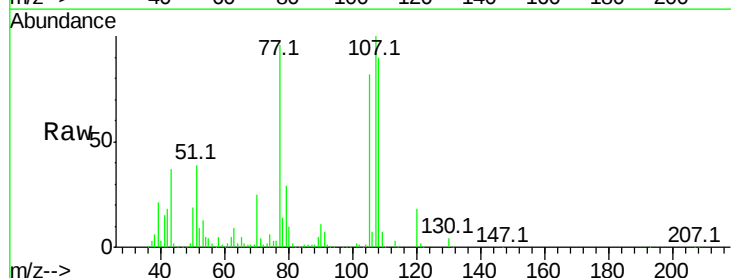
Ion Ratio Lower Upper

107 100

108 90.2 73.0 113.0

77 96.0 71.3 111.3

79 28.6 11.1 51.1

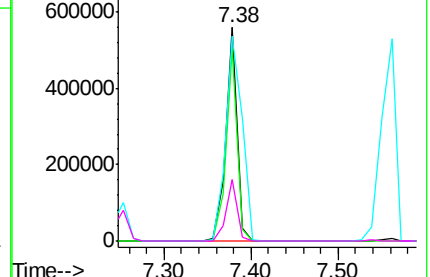
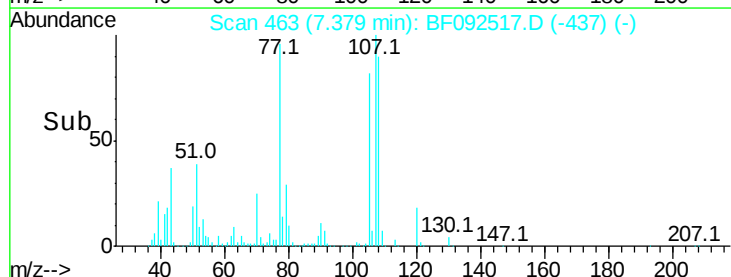


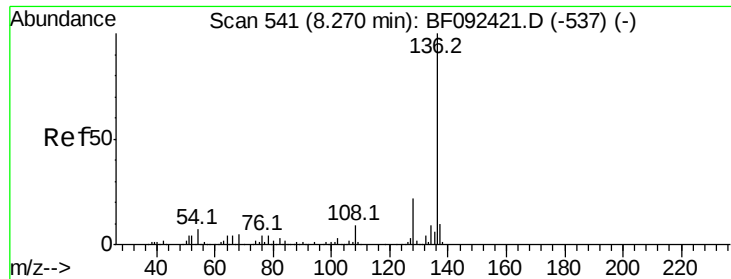
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

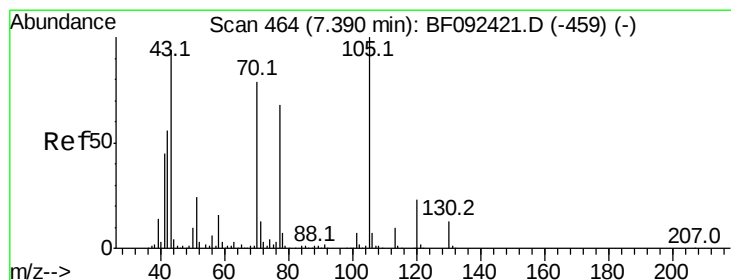
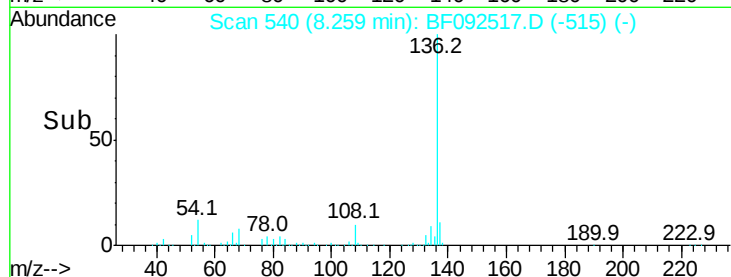
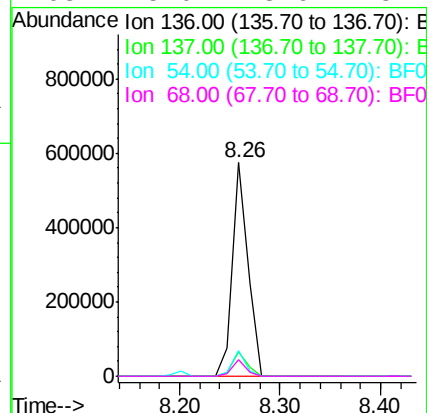
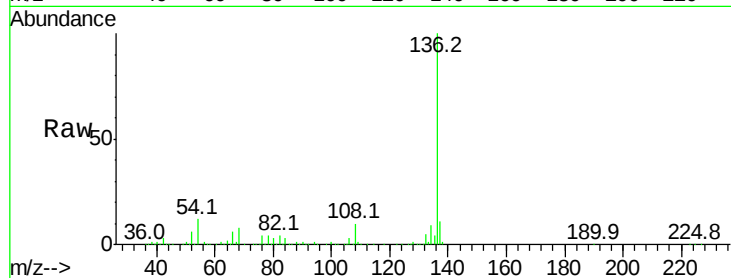




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

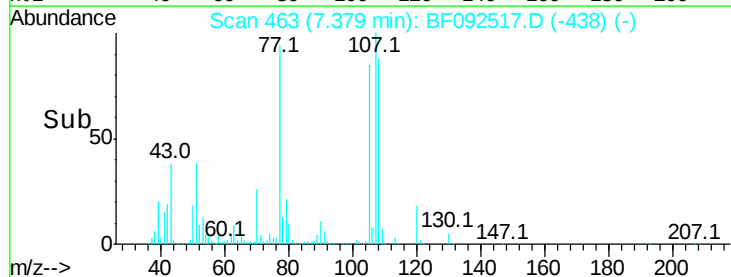
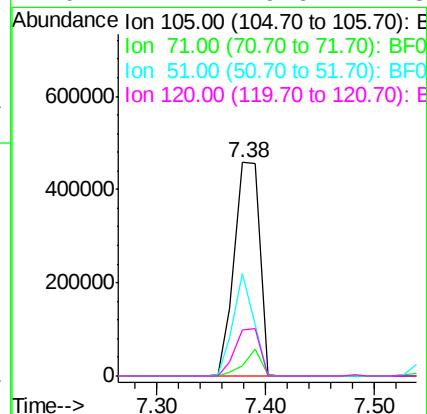
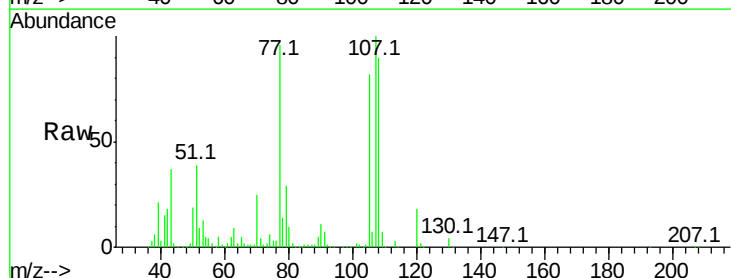
Instrument :
BNA_F
ClientSampleId :

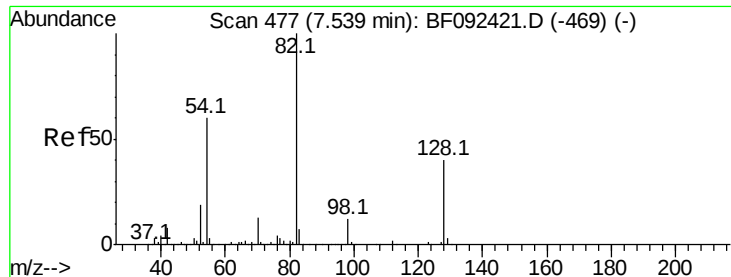
Tot Ion:136	Resp: 619846
Ion Ratio	Lower Upper
136 100	
137 11.1	8.4 12.6
54 12.1	4.5 6.7#
68 8.0	3.6 5.4#



#22
Acetophenone
Concen: 49.59 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt	Ion:105	Resp:	732080
Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.2	4.8#
51	47.9	26.2	39.4#
120	21.4	16.6	24.8





#23

Nitrobenzene-d5

Concen: 96.78 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampled :

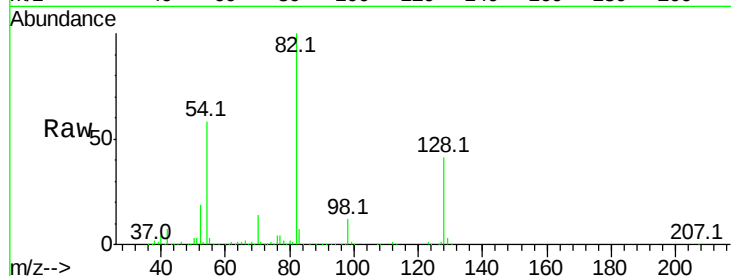
Tot Ion: 82 Resp: 1098169

Ion Ratio Lower Upper

82 100

128 41.5 34.6 52.0

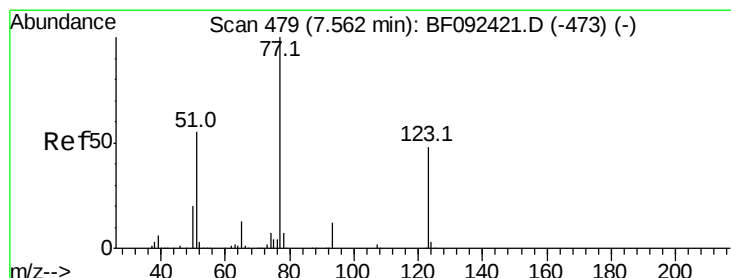
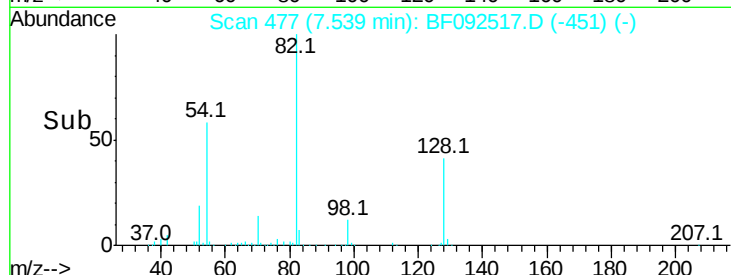
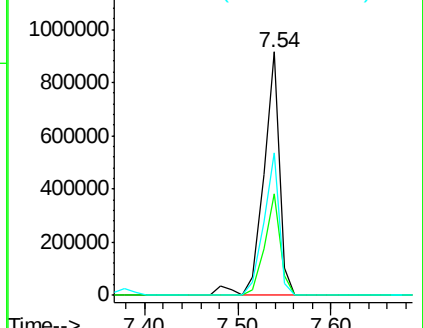
54 58.3 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 51.56 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

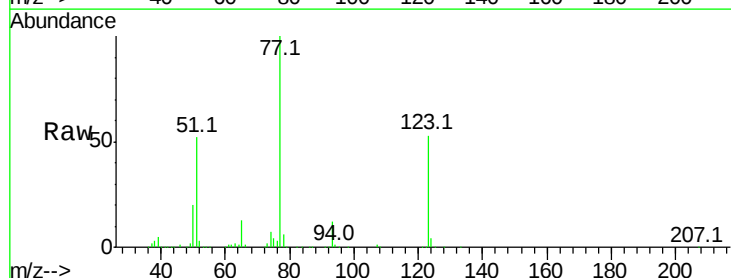
Tgt Ion: 77 Resp: 612905

Ion Ratio Lower Upper

77 100

123 53.1 33.0 49.4#

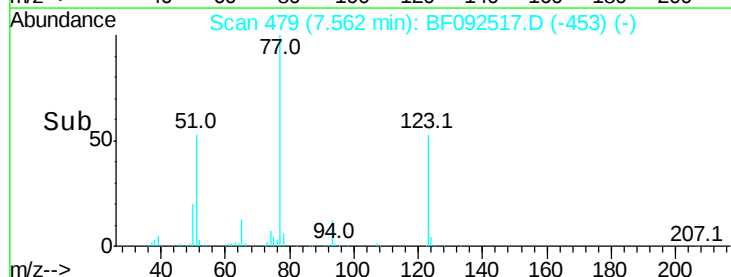
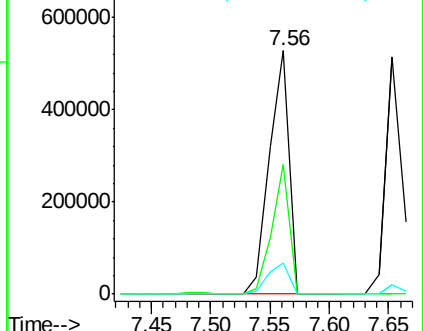
65 13.0 11.2 16.8

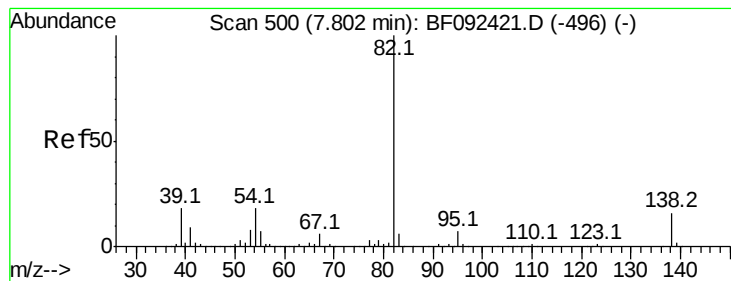


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.28 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

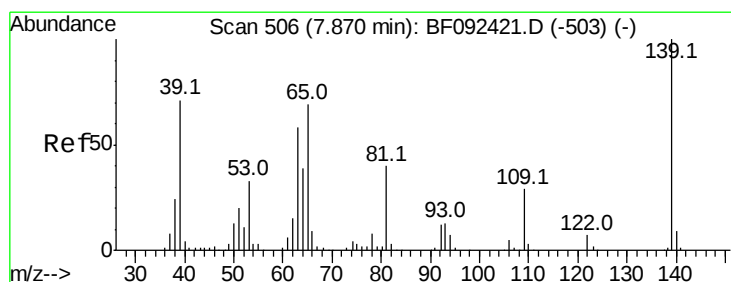
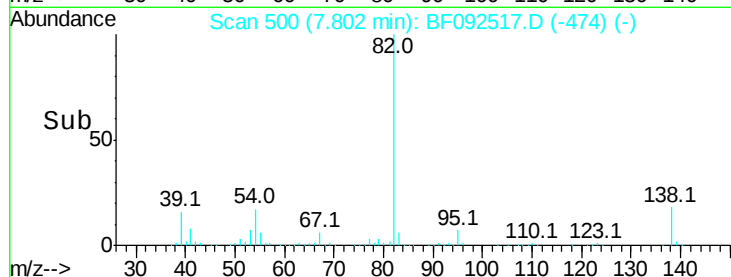
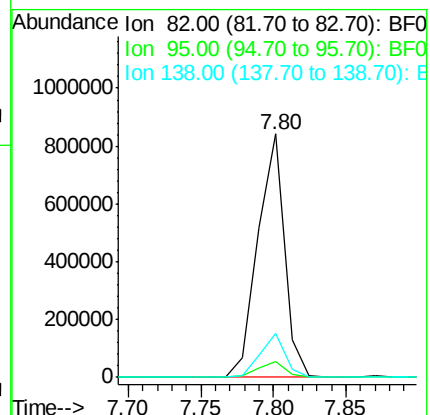
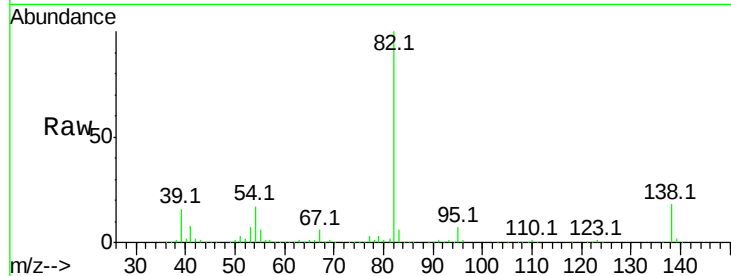
Tot Ion: 82 Resp: 1079652

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 18.0 14.6 22.0



#26

2-Nitrophenol

Concen: 53.78 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

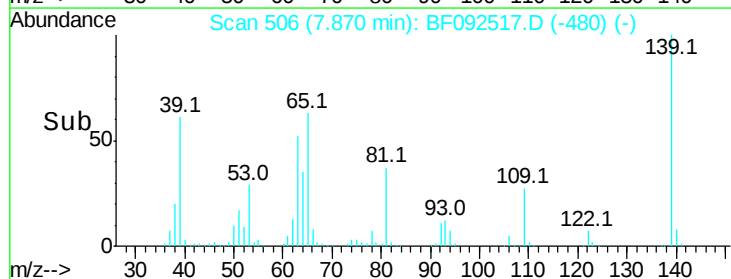
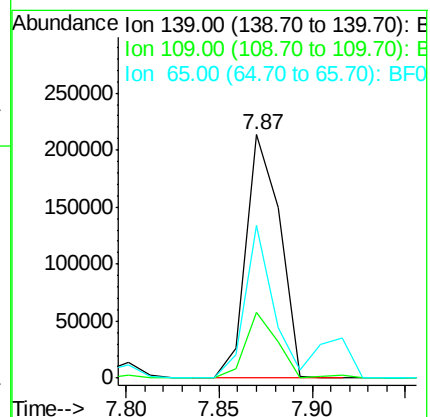
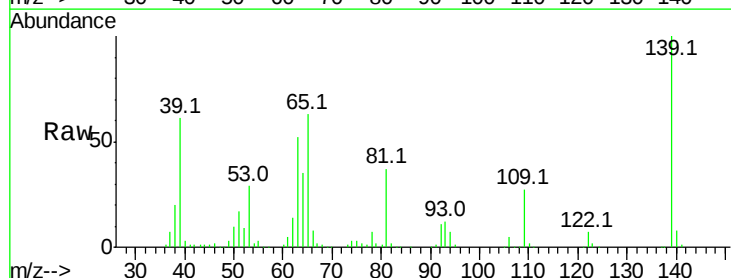
Tgt Ion: 139 Resp: 267875

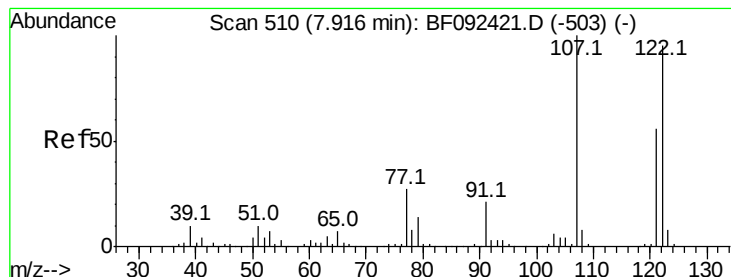
Ion Ratio Lower Upper

139 100

109 27.1 23.3 34.9

65 62.6 42.7 64.1

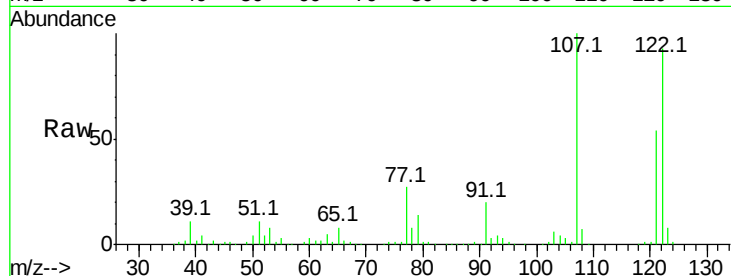




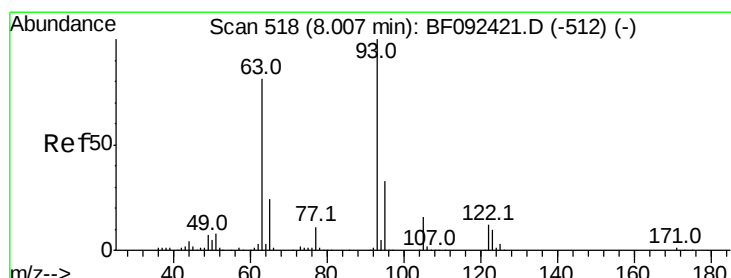
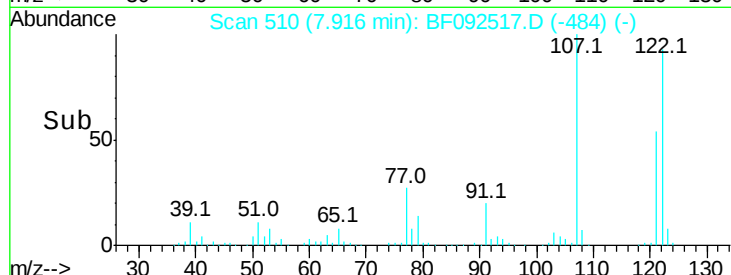
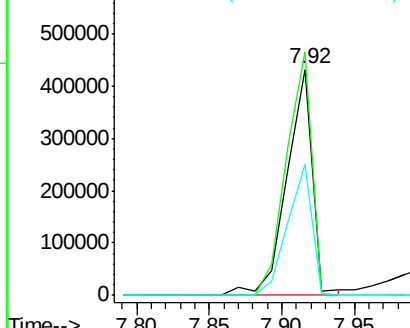
#27
 2,4-Dimethylphenol
 Concen: 50.76 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.8	94.1	141.1
121	58.1	46.0	69.0

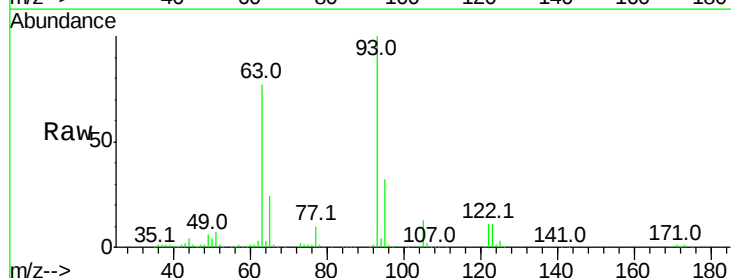


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

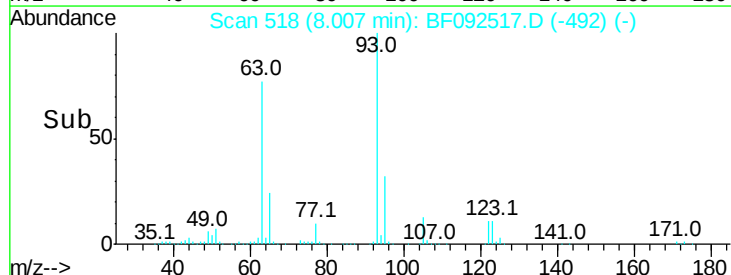
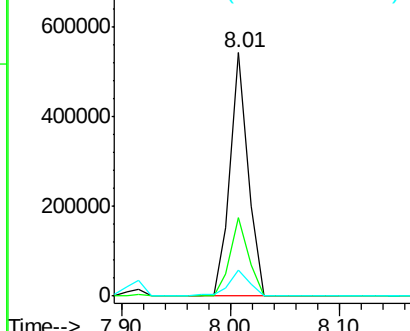


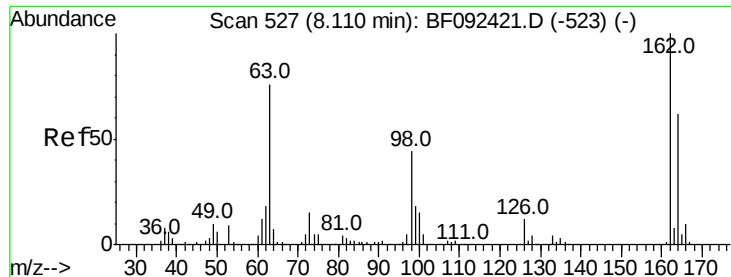
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.37 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	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

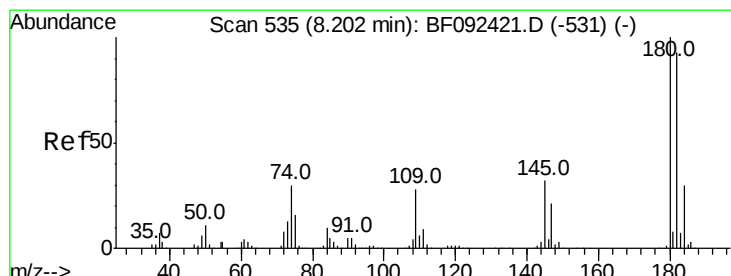
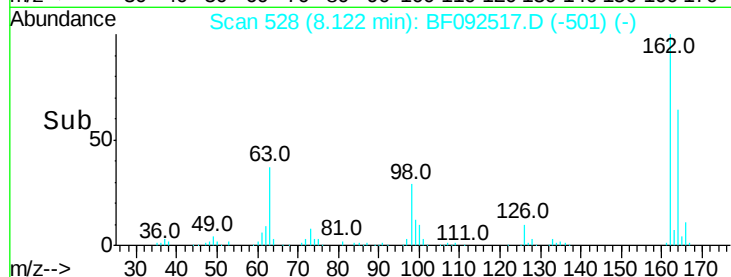
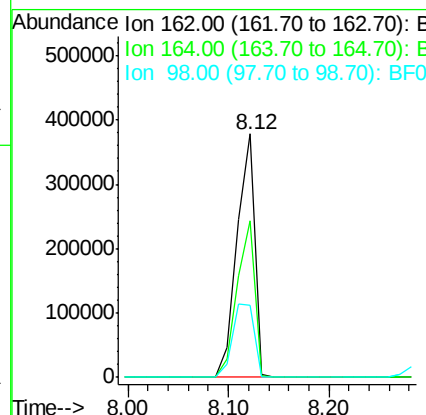
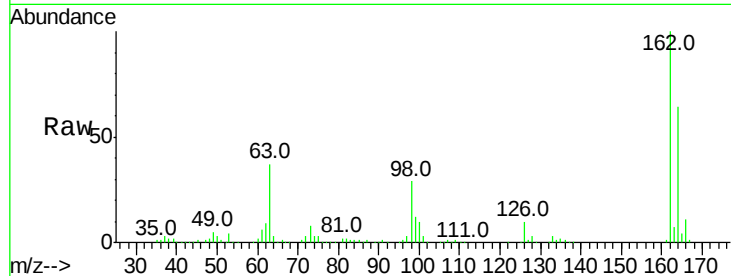




#29
 2,4-Dichlorophenol
 Concen: 51.72 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

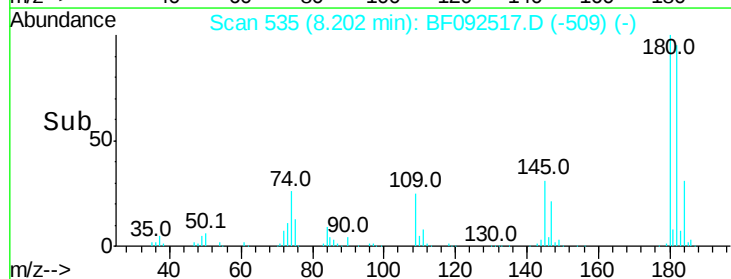
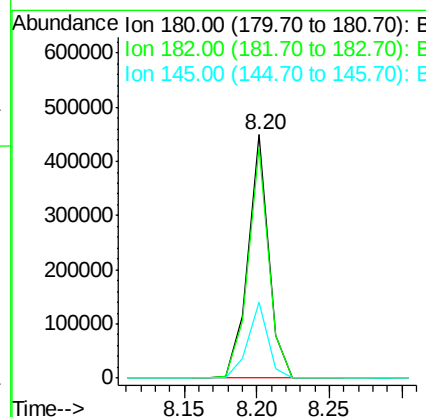
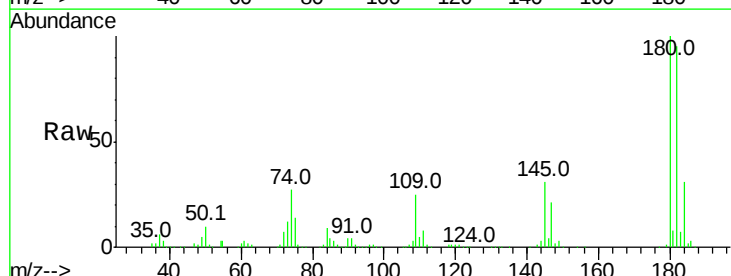
Instrument :
 BNA_F
 ClientSampled :

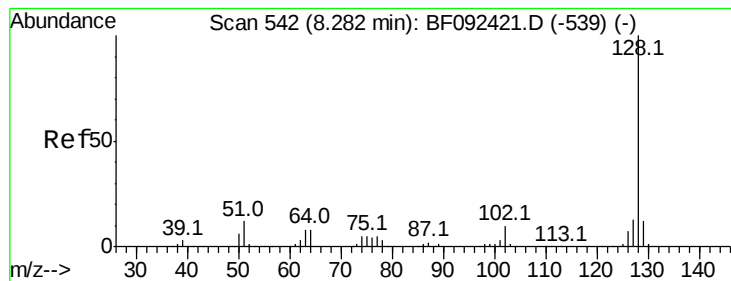
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	46.8	86.8
98	29.4	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.60 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.2	117.4
145	31.2	21.6	32.4





#31

Naphthalene

Concen: 43.69 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

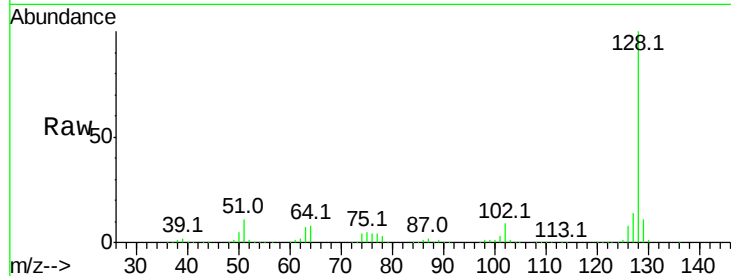
Tot Ion:128 Resp: 1385978

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

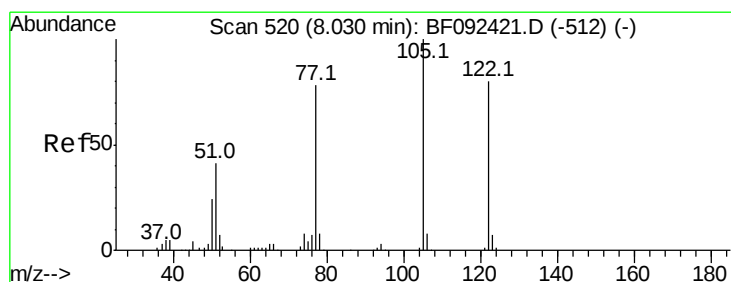
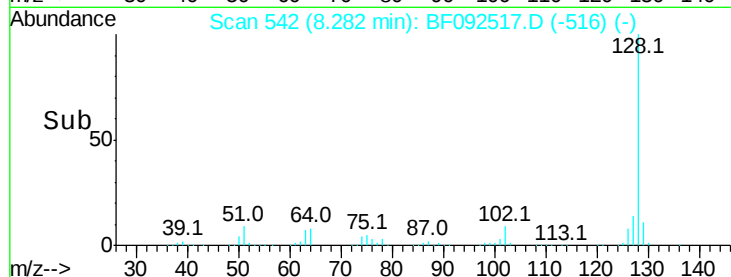
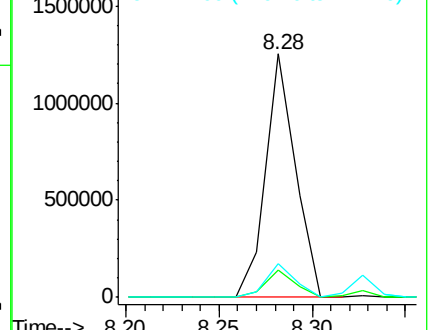
127 14.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.08 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

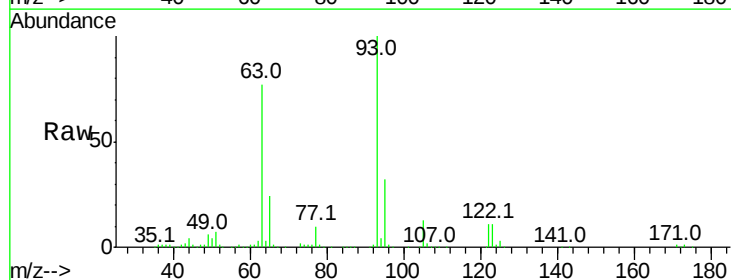
Tgt Ion:122 Resp: 175013

Ion Ratio Lower Upper

122 100

105 124.6 107.2 147.2

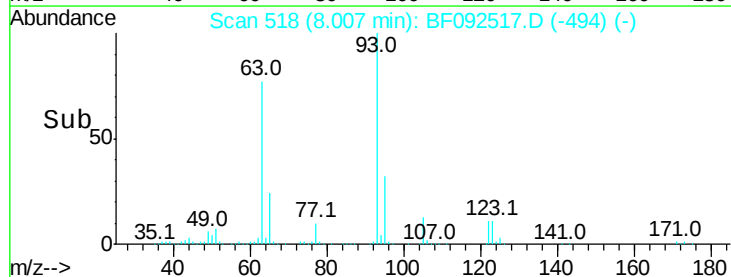
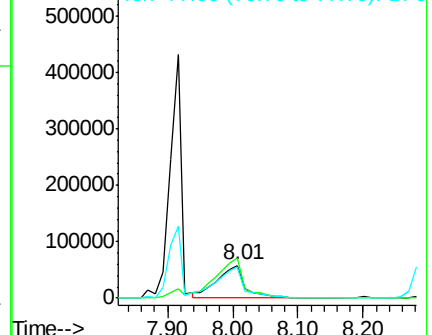
77 96.8 74.5 114.5

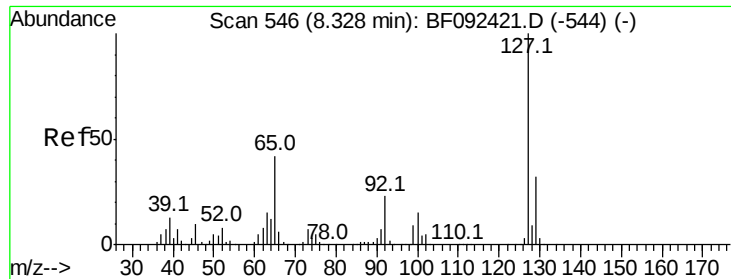


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

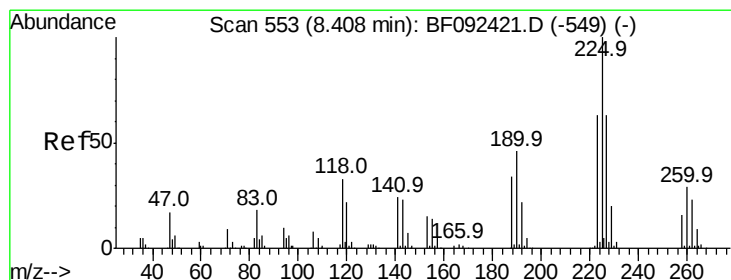
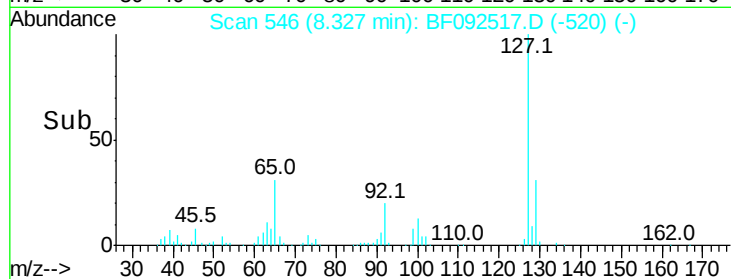
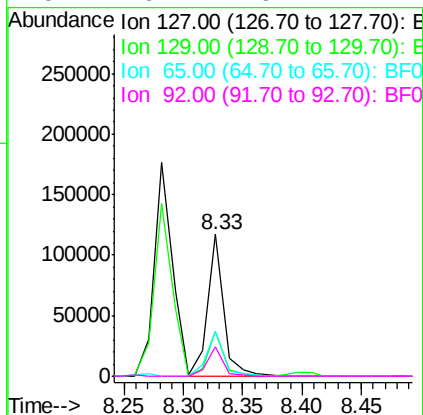
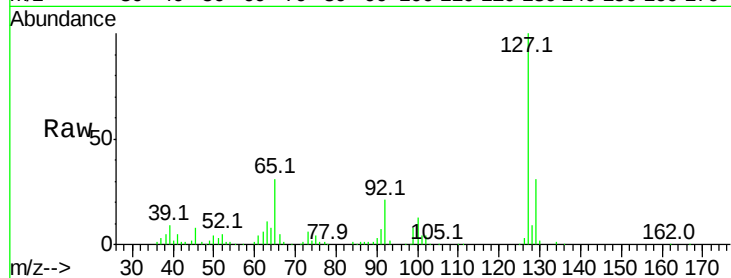




#33
4-Chloroaniline
Concen: 8.35 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

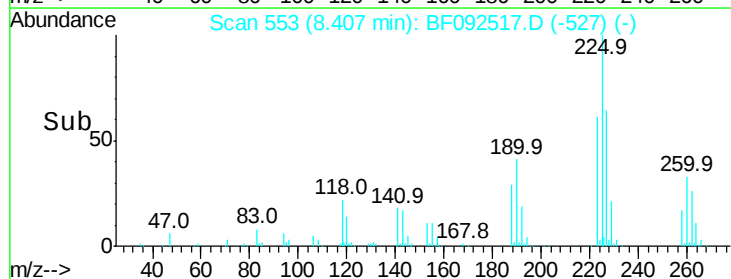
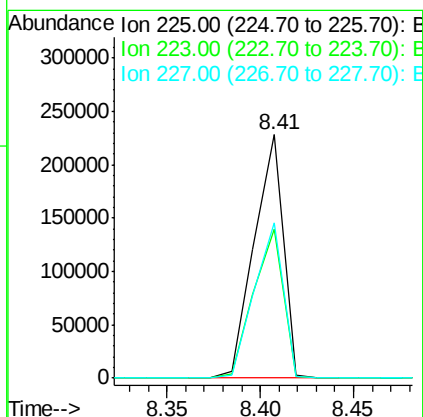
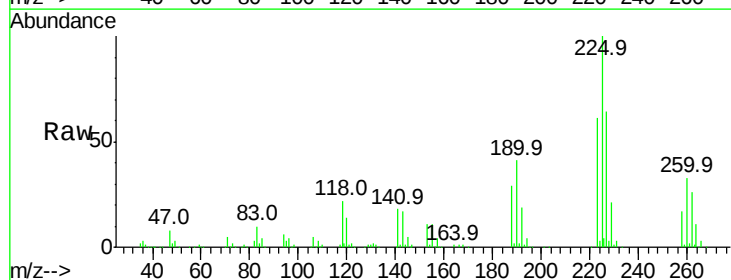
Instrument :
BNA_F
ClientSampleId :

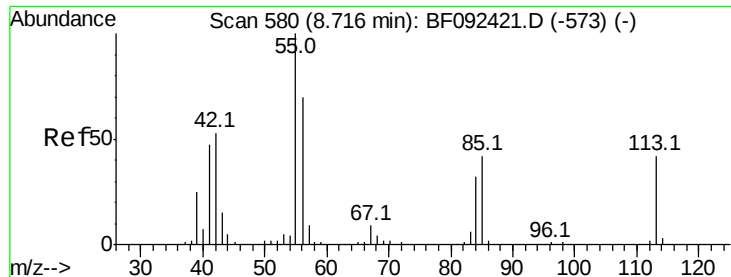
Tot Ion:	127	Resp:	112070
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	31.4	25.8	38.8
92	20.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 46.26 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion:	225	Resp:	245646
Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.0	76.6
227	63.5	50.6	76.0





#35

Caprolactam

Concen: 33.77 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

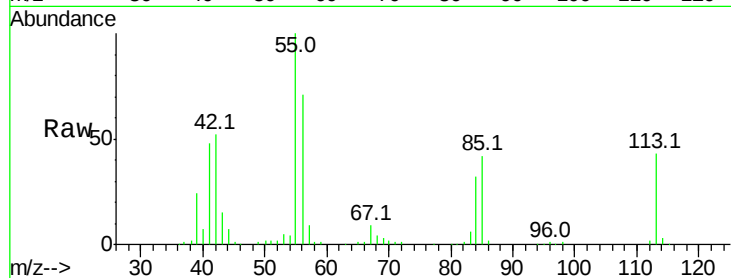
Tot Ion:113 Resp: 101290

Ion Ratio Lower Upper

113 100

55 234.0 119.2 159.2#

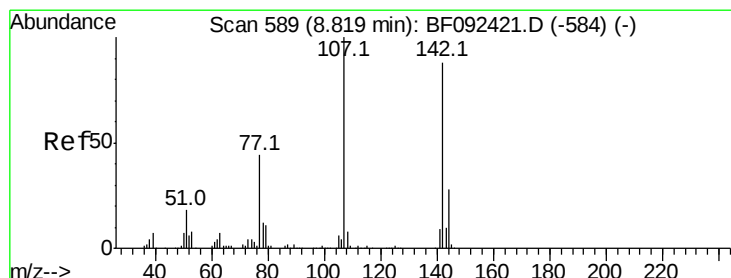
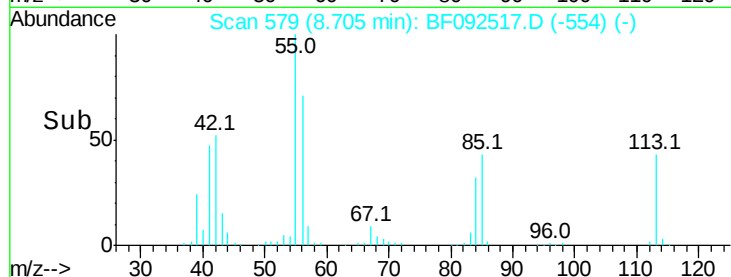
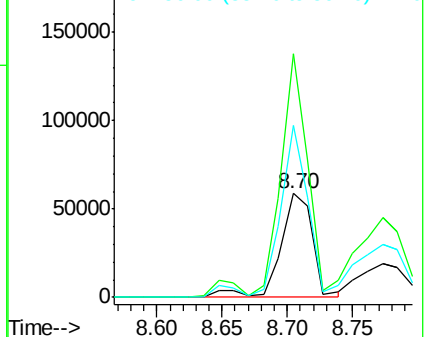
56 165.6 83.8 123.8#



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: 50.90 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

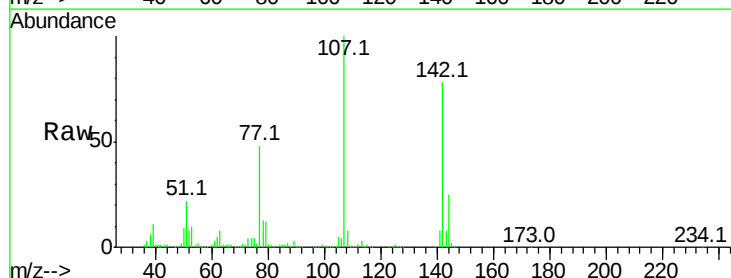
Tgt Ion:107 Resp: 493018

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

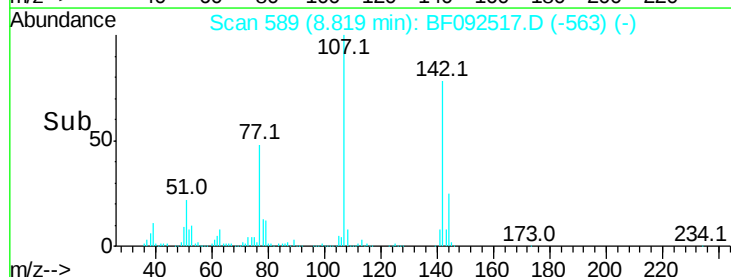
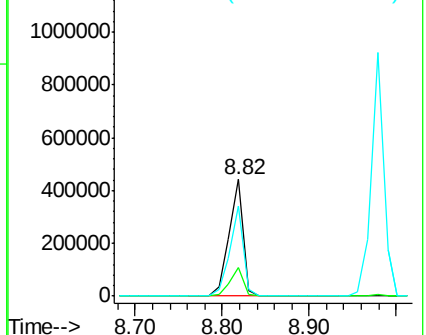
142 77.7 59.0 88.6

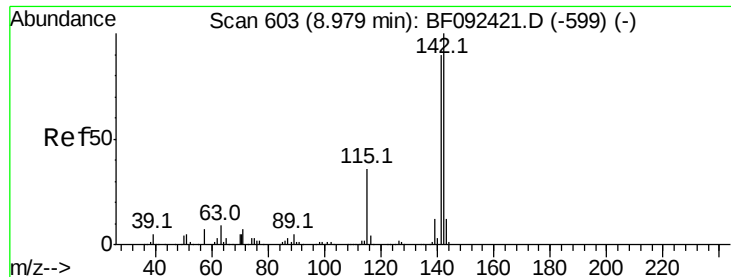


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.48 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

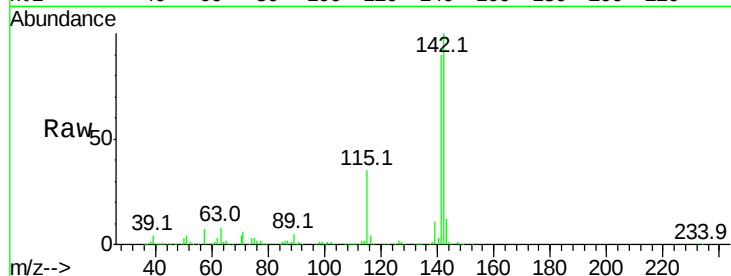
Tot Ion:142 Resp: 913348

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

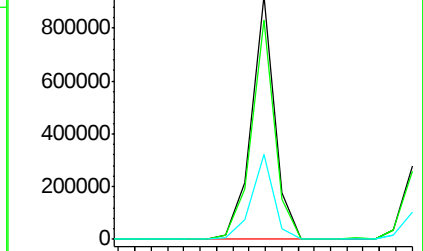
115 34.6 28.3 42.5



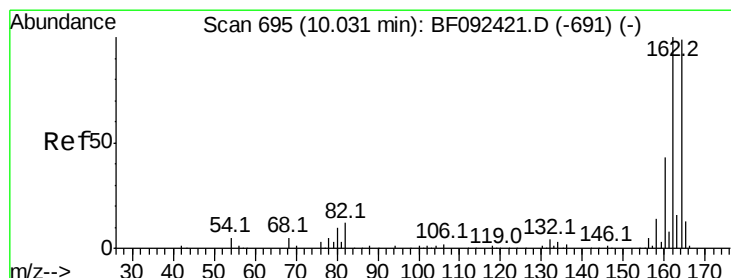
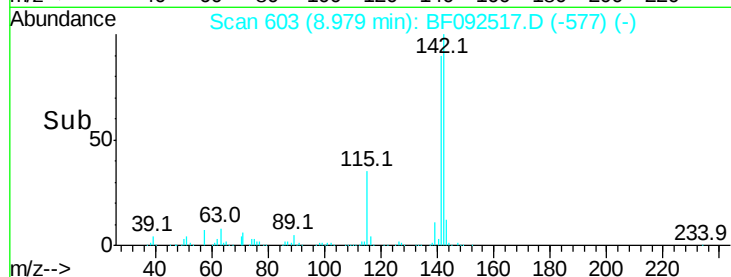
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

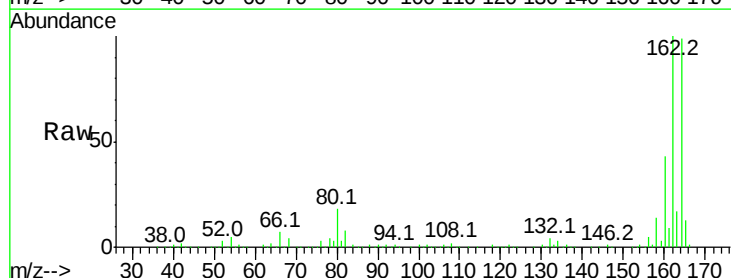
Tgt Ion:164 Resp: 348072

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

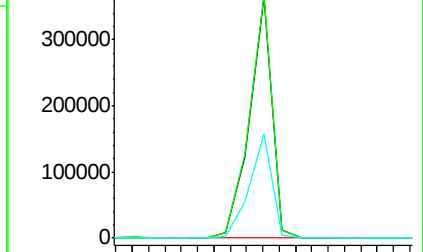
160 42.9 36.9 55.3



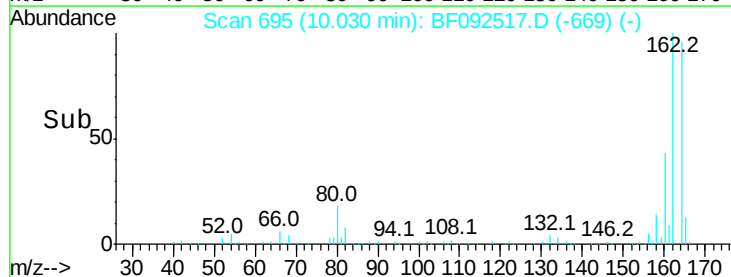
Abundance Ion 164.00 (163.70 to 164.70): E

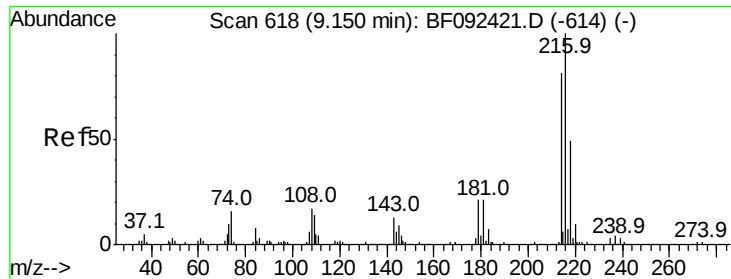
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

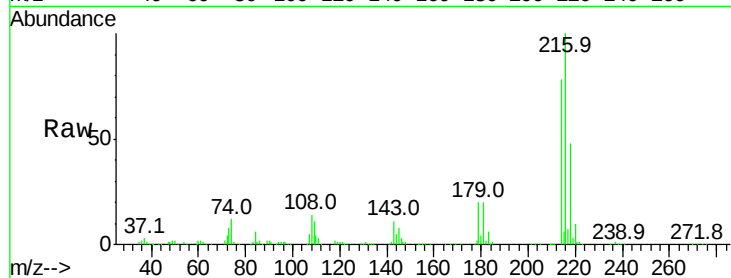




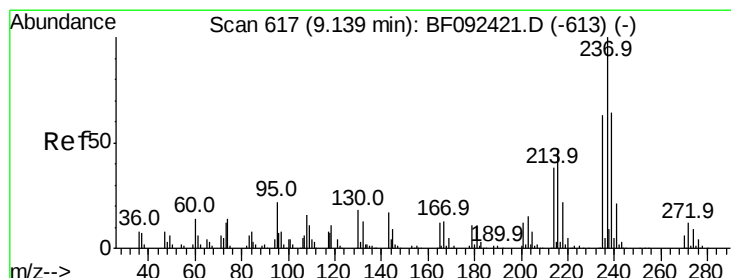
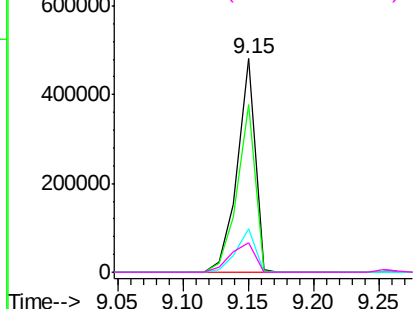
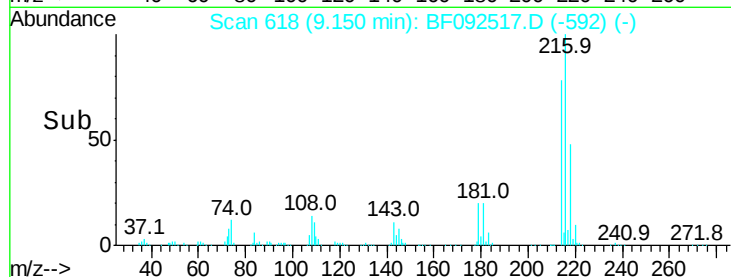
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.06 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	457078
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	21.4	17.4	26.2
108	19.3	15.6	23.4

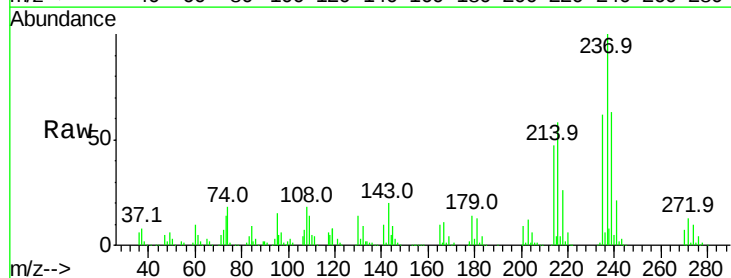


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

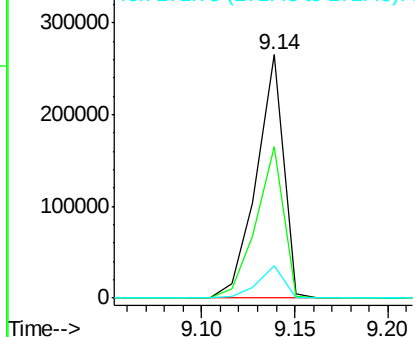
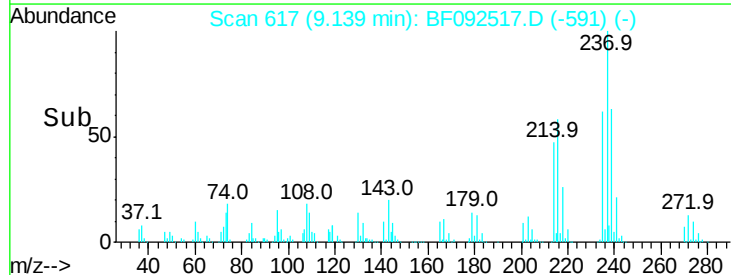


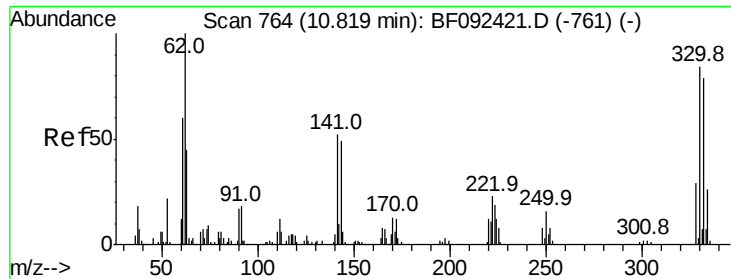
#40
 Hexachlorocyclopentadiene
 Concen: 60.86 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion:	237	Resp:	267604
Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.2	81.2
272	13.1	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: 124.28 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

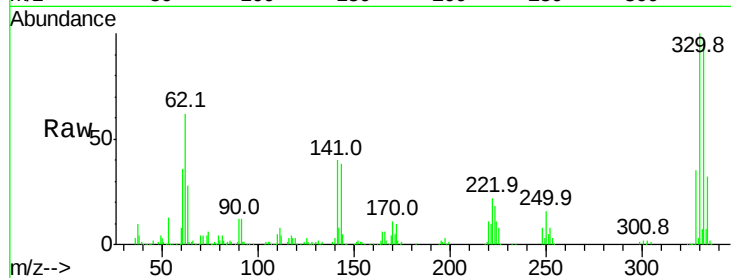
Tot Ion:330 Resp: 294798

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

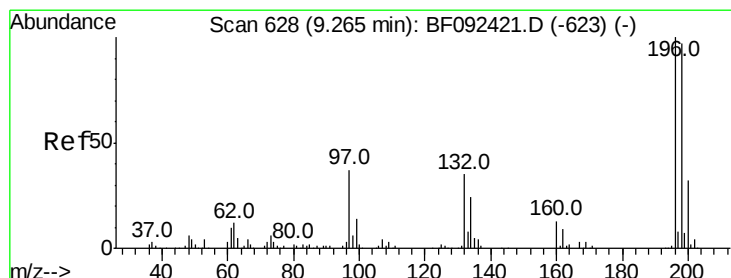
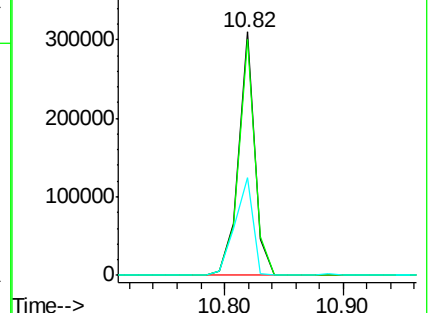
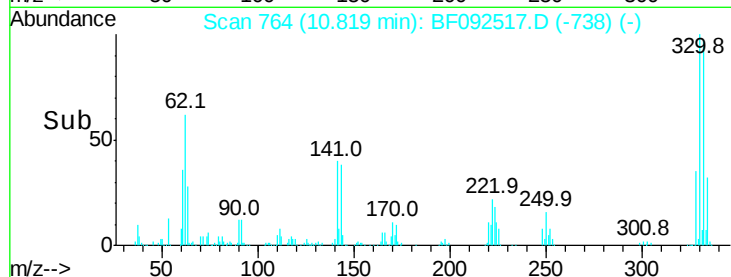
141 44.4 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 49.06 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

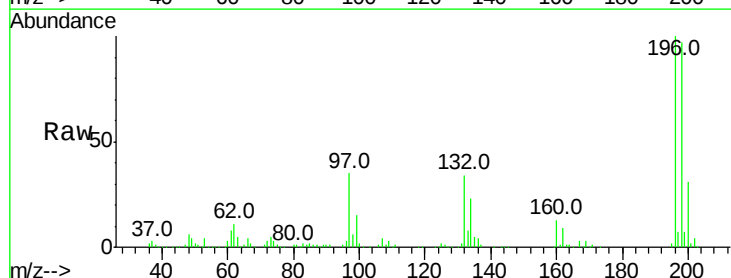
Tgt Ion:196 Resp: 330030

Ion Ratio Lower Upper

196 100

198 96.5 82.1 123.1

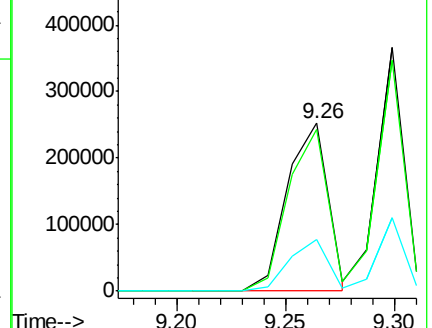
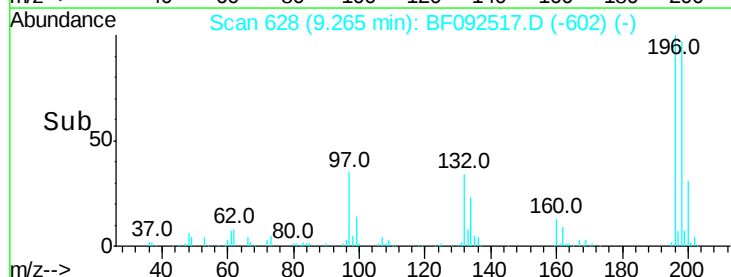
200 30.6 27.0 40.4

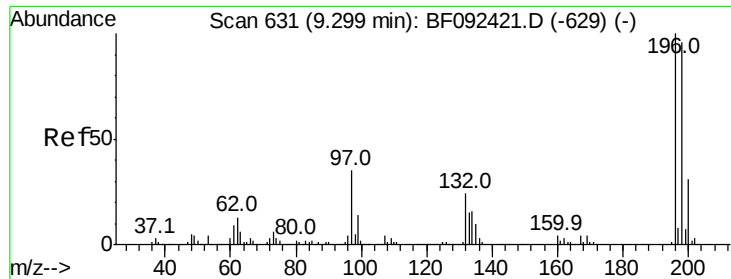


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

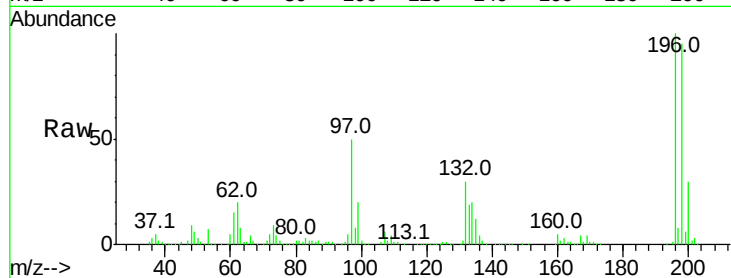




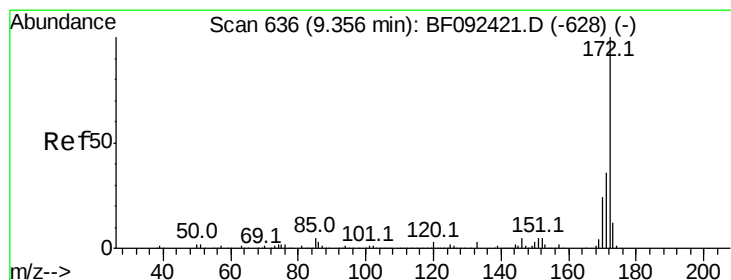
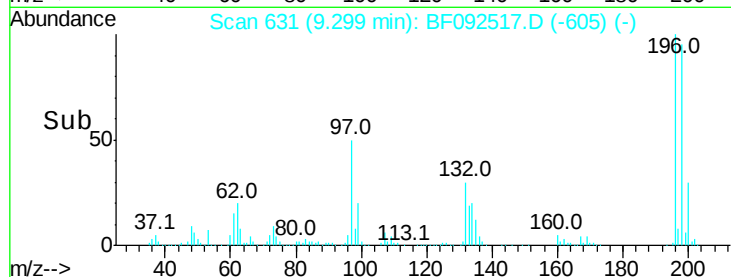
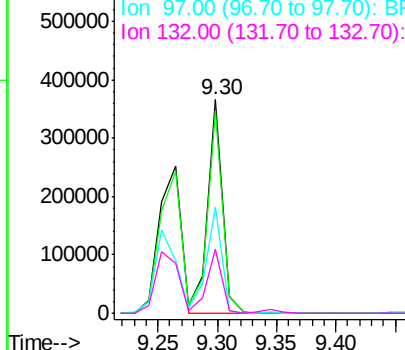
#43
 2,4,5-Trichlorophenol
 Concen: 51.45 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 316689
 Ion Ratio Lower Upper
 196 100
 198 94.7 79.4 119.2
 97 50.0 51.5 77.3#
 132 30.3 27.4 41.2

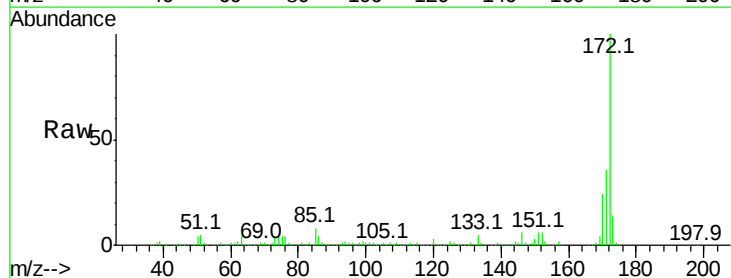


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

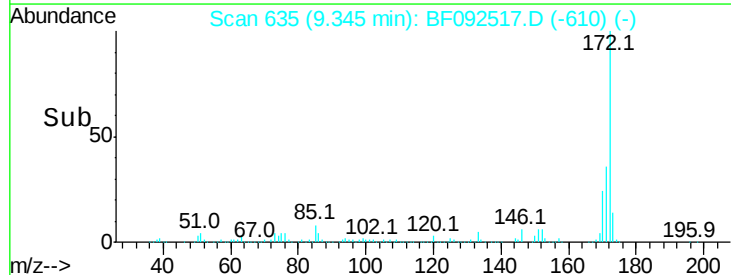
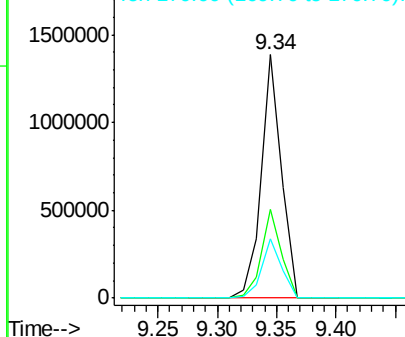


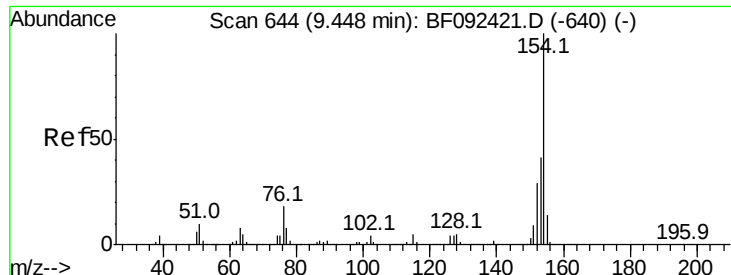
#44
 2-Fluorobiphenyl
 Concen: 87.74 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion:172 Resp: 1651599
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.2 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 43.80 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

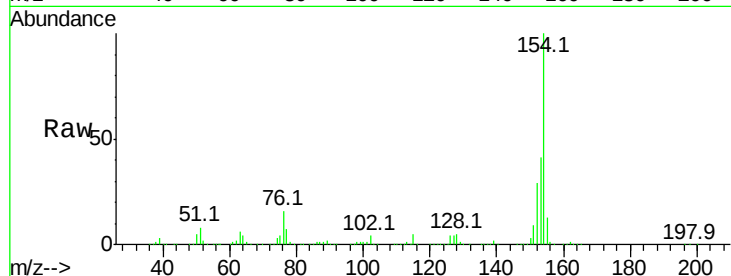
Tot Ion:154 Resp: 1102059

Ion Ratio Lower Upper

154 100

153 41.4 20.9 60.9

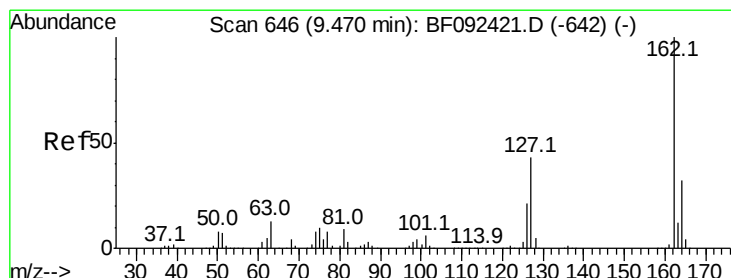
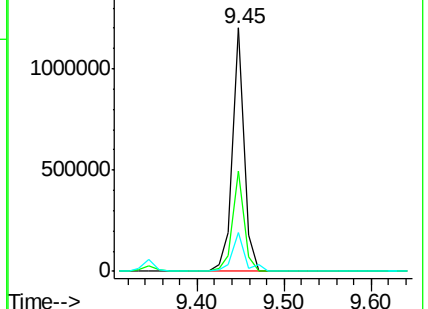
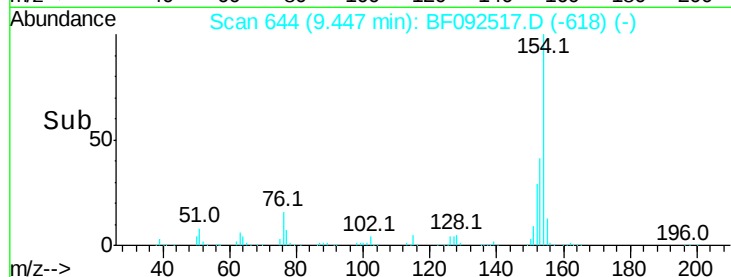
76 15.7 0.0 30.5



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: 41.67 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

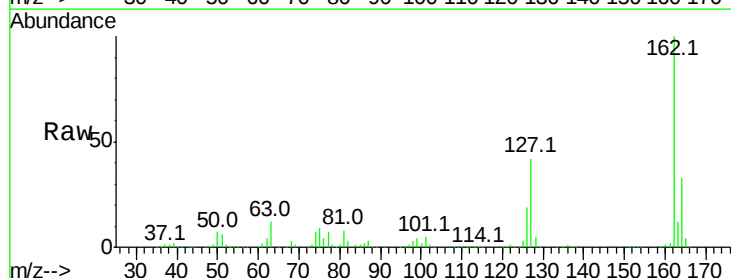
Tgt Ion:162 Resp: 856385

Ion Ratio Lower Upper

162 100

127 41.7 30.7 46.1

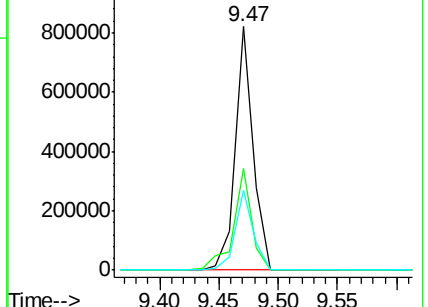
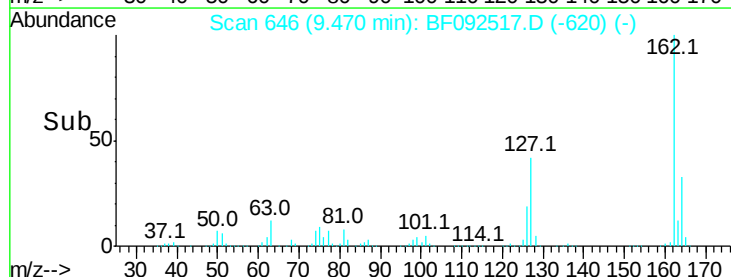
164 32.8 27.6 41.4

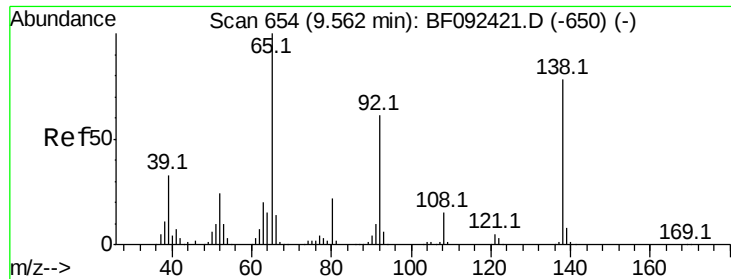


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

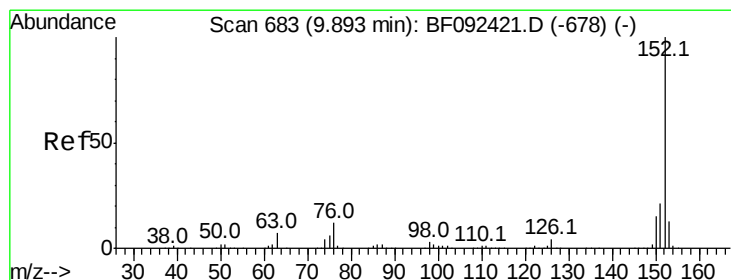
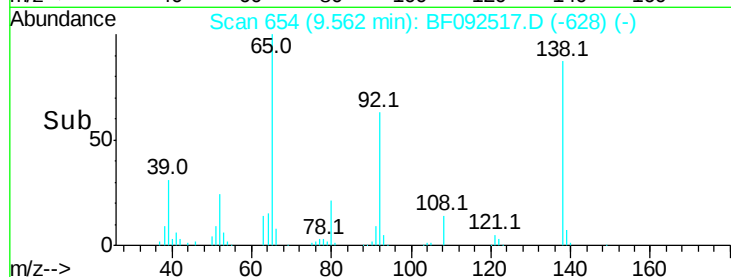
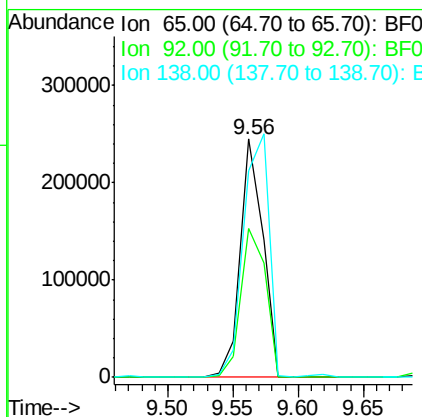
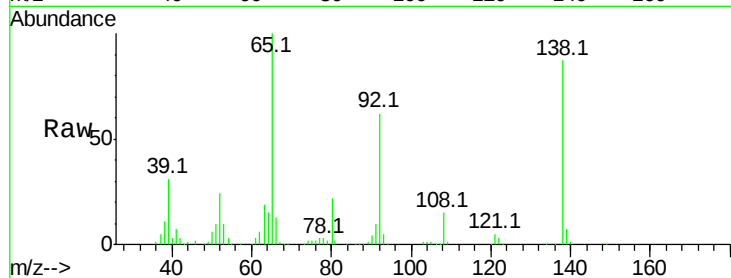




#47
2-Nitroaniline
Concen: 42.67 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

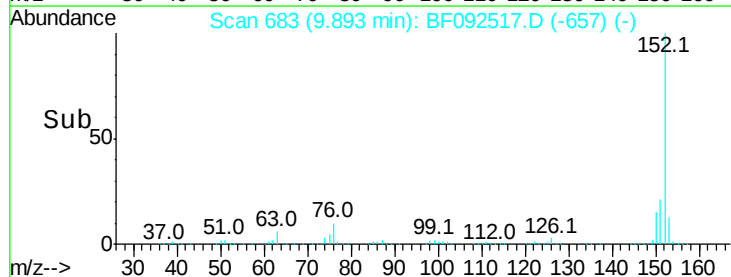
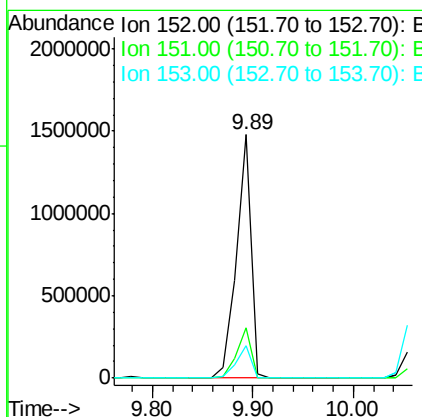
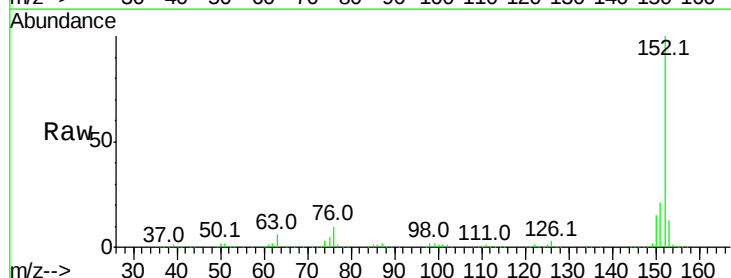
Instrument :
BNA_F
ClientSampleId :

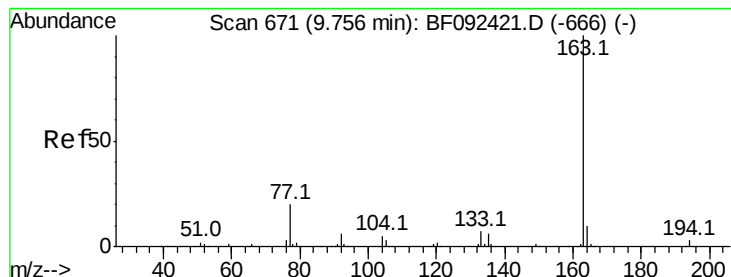
Tot Ion: 65 Resp: 295266
Ion Ratio Lower Upper
65 100
92 62.4 53.9 80.9
138 86.8 76.8 115.2



#48
Acenaphthylene
Concen: 49.45 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion: 152 Resp: 1490628
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.1 11.4 17.2





#49

Dimethylphthalate

Concen: 59.19 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

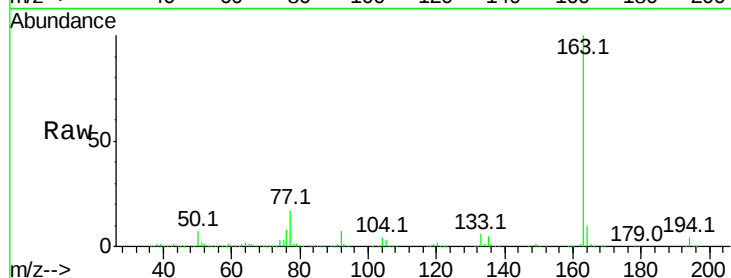
Tot Ion:163 Resp: 1310078

Ion Ratio Lower Upper

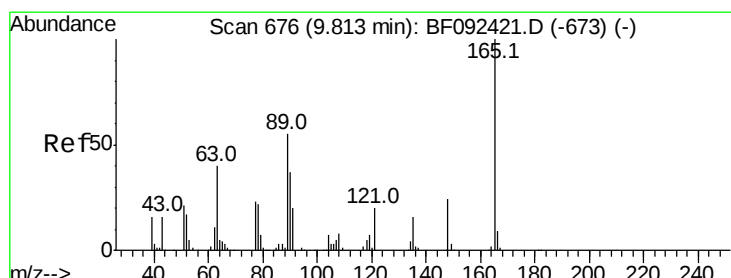
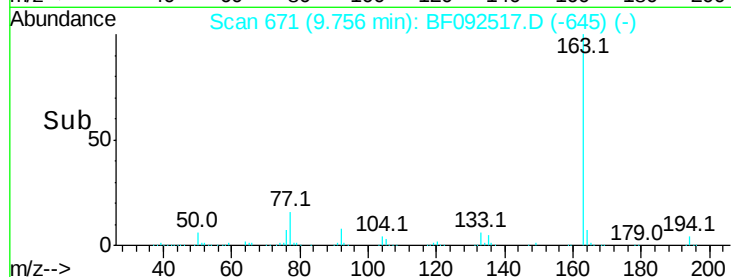
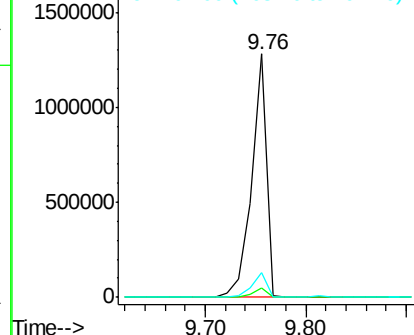
163 100

194 3.7 3.0 4.4

164 10.1 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 58.12 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

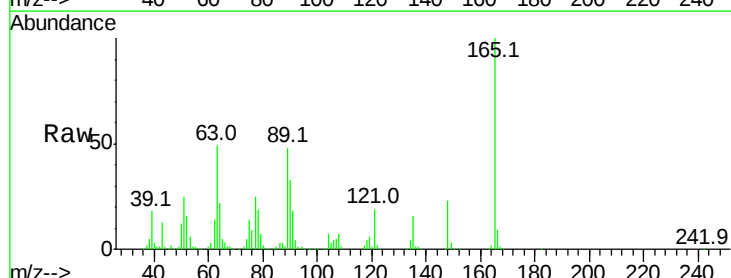
Tgt Ion:165 Resp: 262944

Ion Ratio Lower Upper

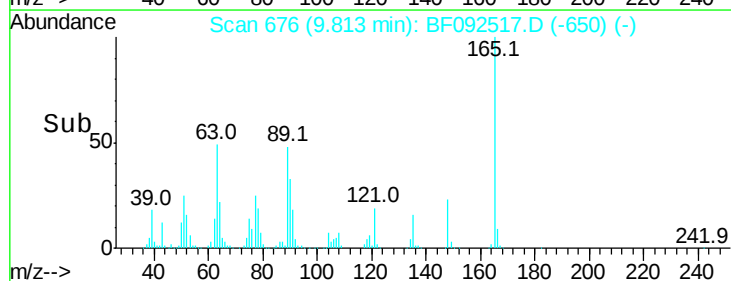
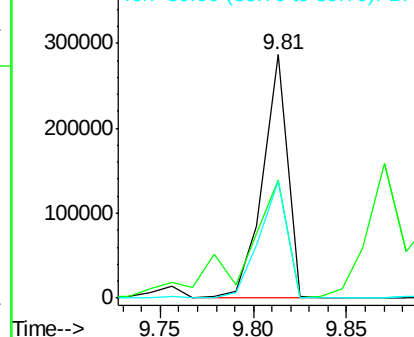
165 100

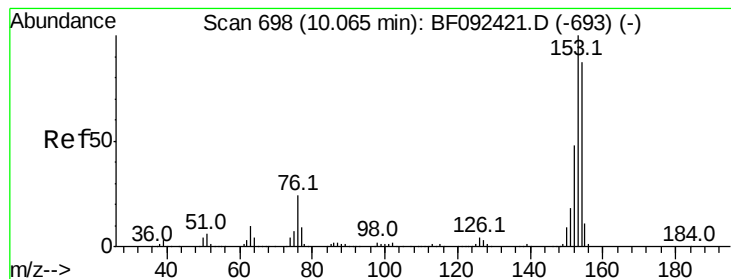
63 48.6 36.2 54.4

89 48.1 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: 48.12 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

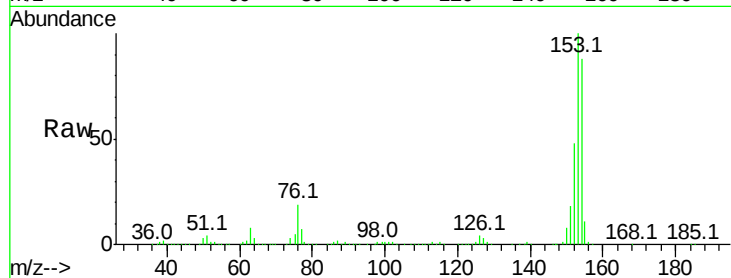
Tot Ion:154 Resp: 901331

Ion Ratio Lower Upper

154 100

153 113.4 88.6 133.0

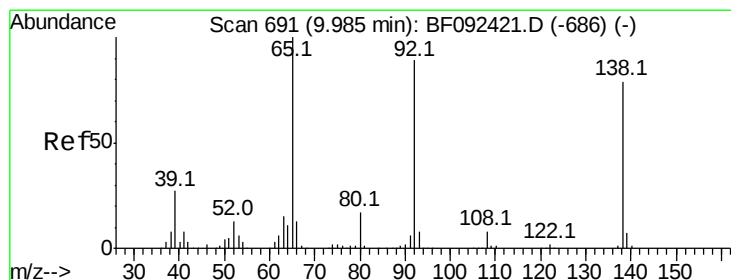
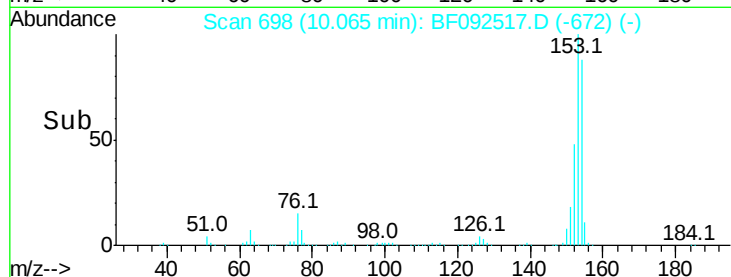
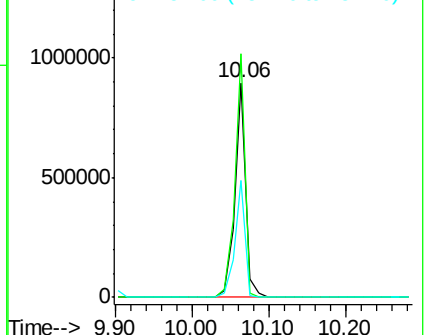
152 54.6 41.6 62.4



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: 19.29 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

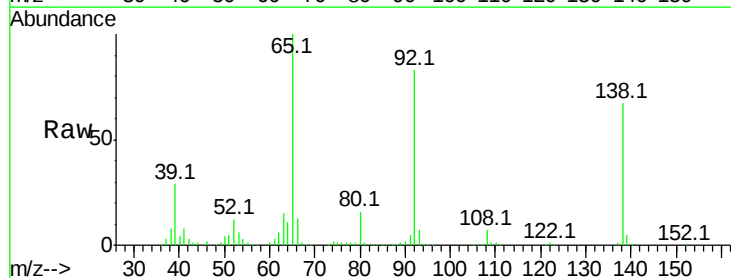
Tgt Ion:138 Resp: 109323

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

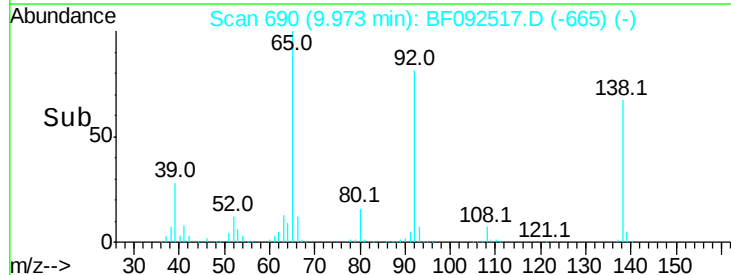
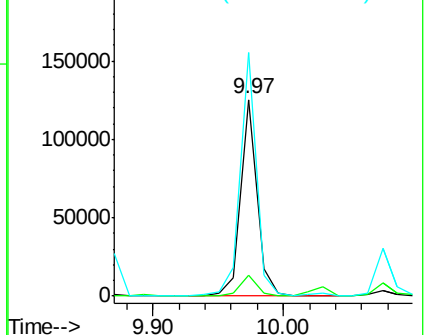
92 123.9 97.8 146.8

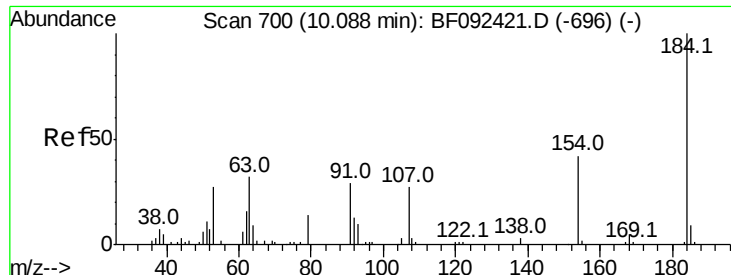


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

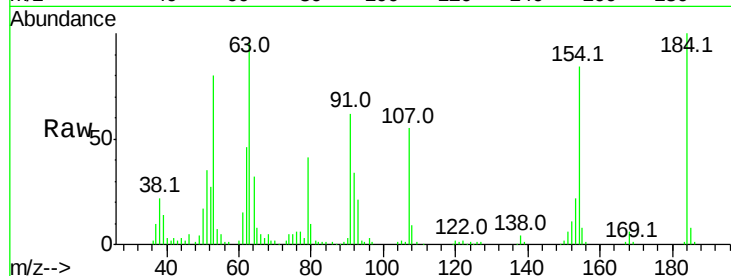




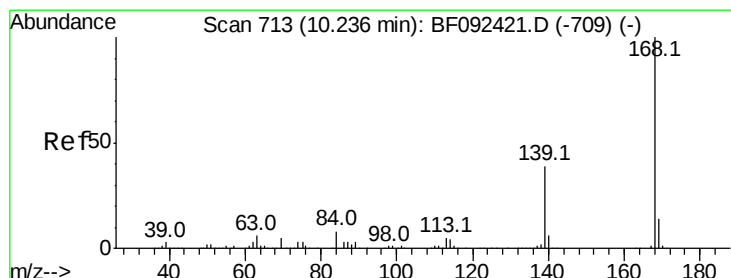
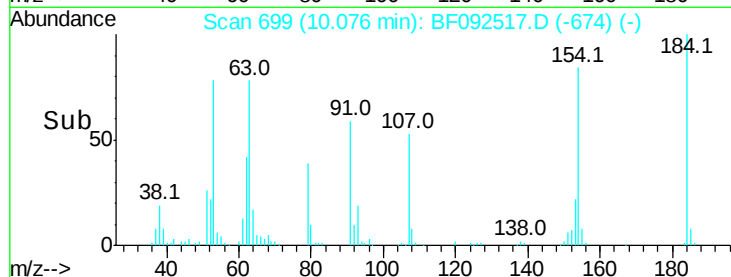
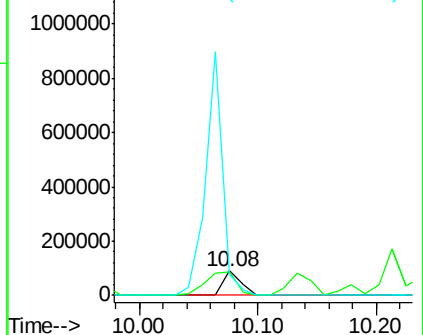
#53
 2,4-Dinitrophenol
 Concen: 43.92 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 93236
 Ion Ratio Lower Upper
 184 100
 63 95.6 28.4 42.6#
 154 84.1 44.3 66.5#

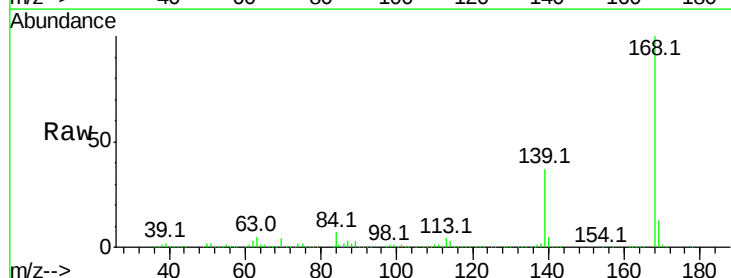


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

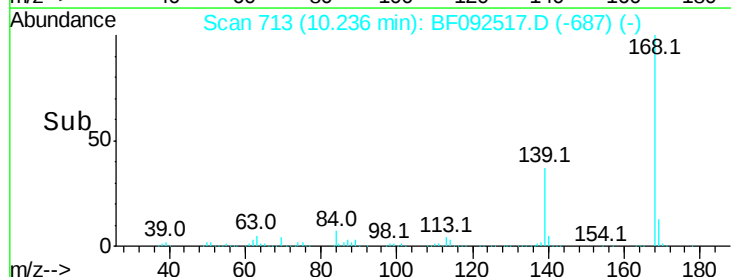
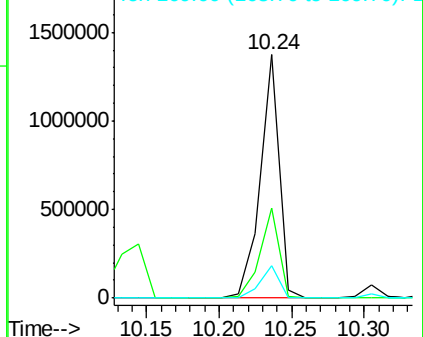


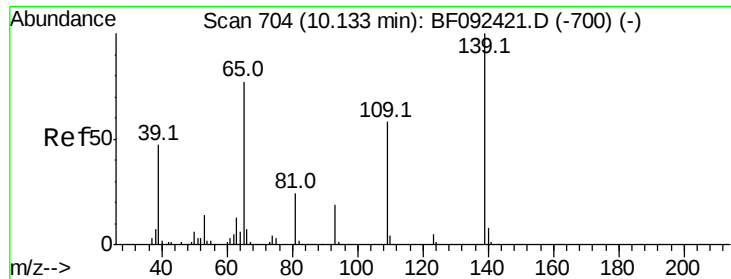
#54
 Dibenzofuran
 Concen: 48.97 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion:168 Resp: 1245449
 Ion Ratio Lower Upper
 168 100
 139 37.1 32.6 49.0
 169 13.3 11.3 16.9



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

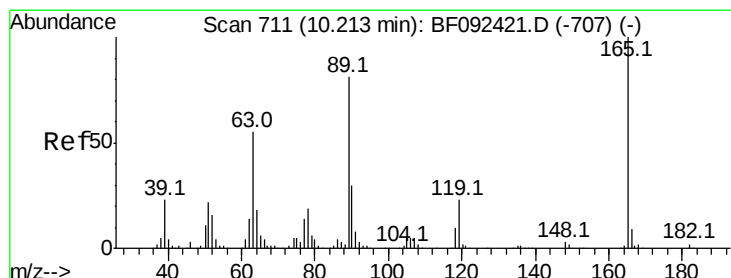
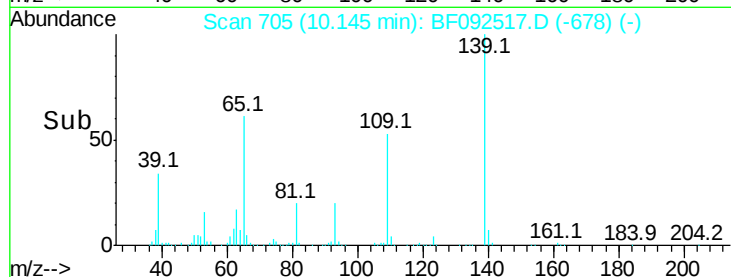
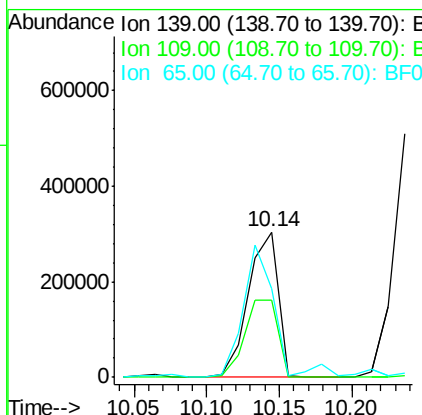
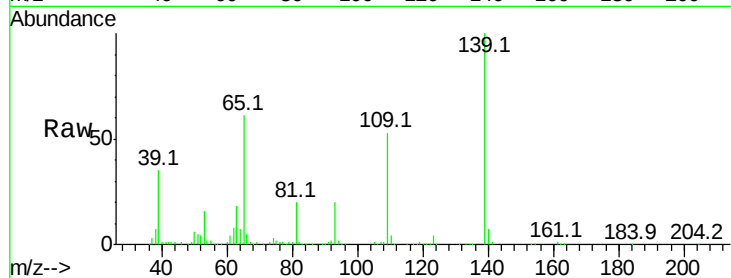




#55
4-Nitrophenol
Concen: 96.67 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

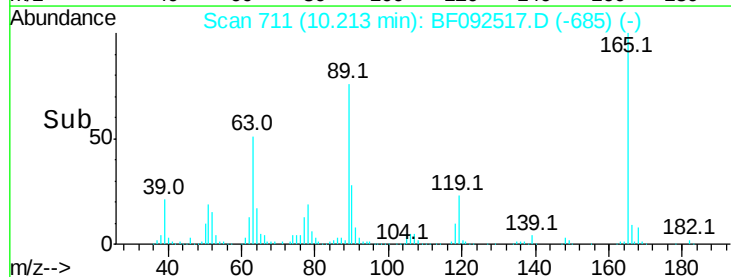
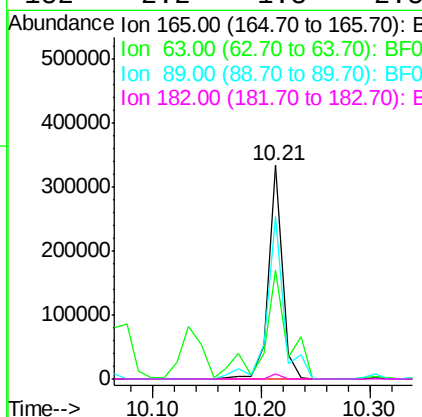
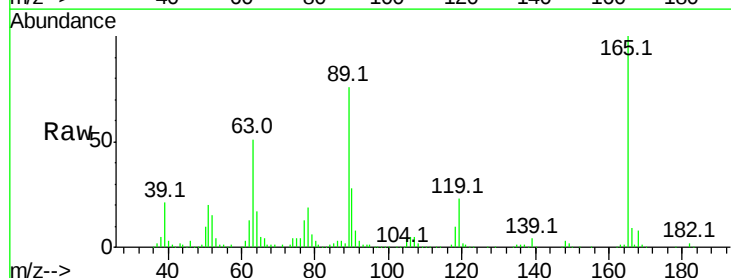
Instrument :
BNA_F
ClientSampled :

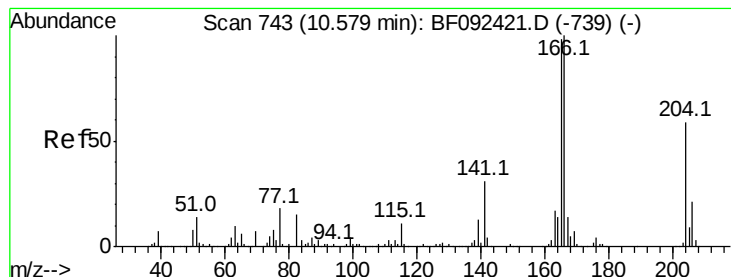
Tot Ion:139 Resp: 434985
Ion Ratio Lower Upper
139 100
109 52.9 52.2 92.2
65 61.1 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 49.93 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion:165 Resp: 299815
Ion Ratio Lower Upper
165 100
63 51.1 40.2 60.4
89 76.1 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 50.71 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

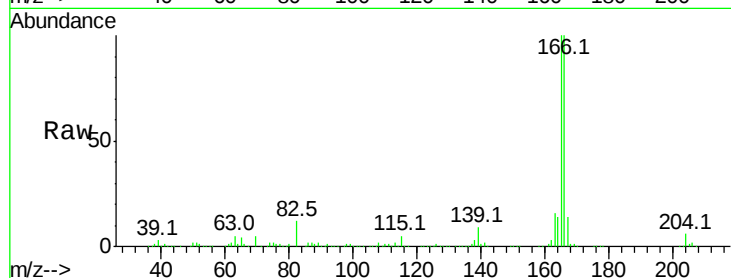
Tot Ion:166 Resp: 956223

Ion Ratio Lower Upper

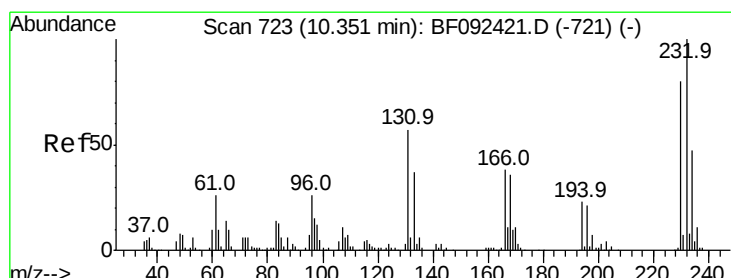
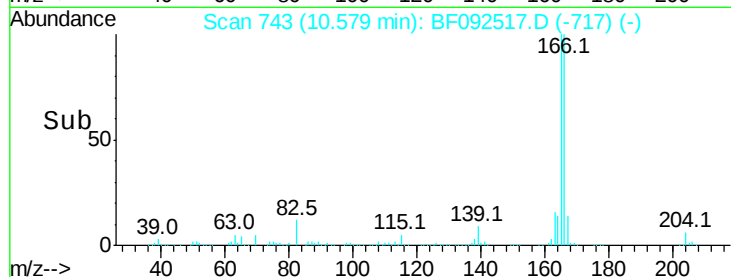
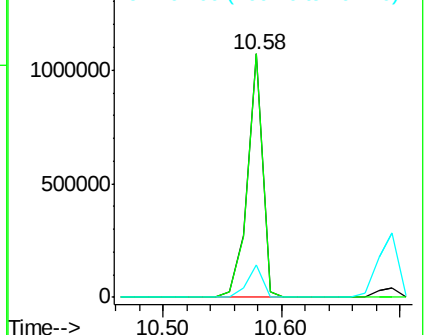
166 100

165 100.0 77.8 116.8

167 13.5 10.8 16.2



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.55 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Tgt Ion:232 Resp: 246974

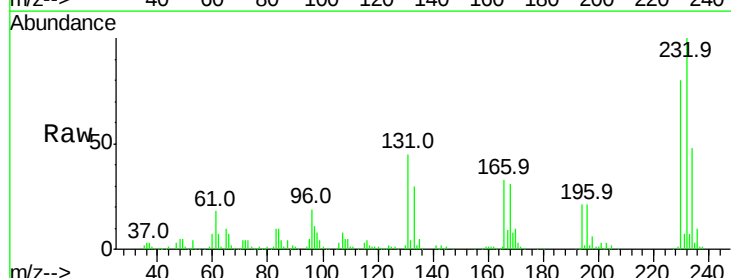
Ion Ratio Lower Upper

232 100

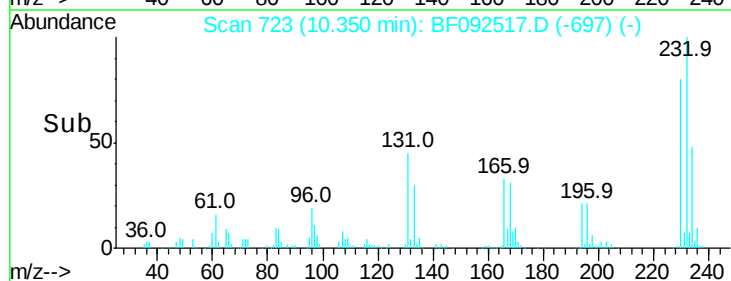
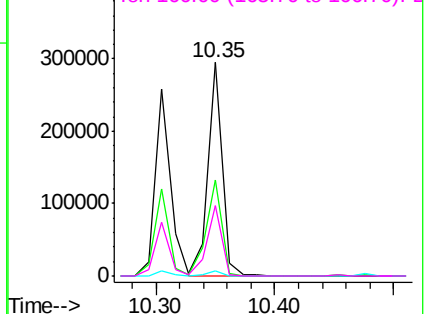
131 49.2 40.1 60.1

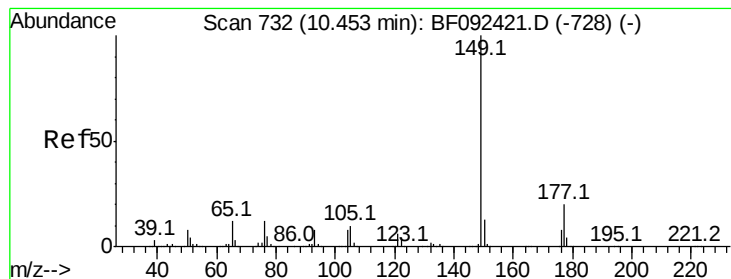
130 2.4 1.8 2.8

166 34.2 26.6 39.8



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





#59

Diethylphthalate

Concen: 47.53 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampled :

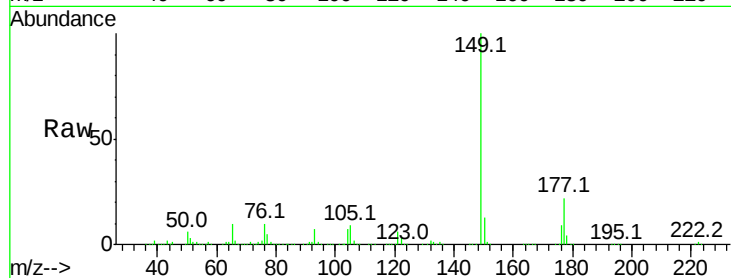
Tot Ion:149 Resp: 1008692

Ion Ratio Lower Upper

149 100

177 22.0 16.6 25.0

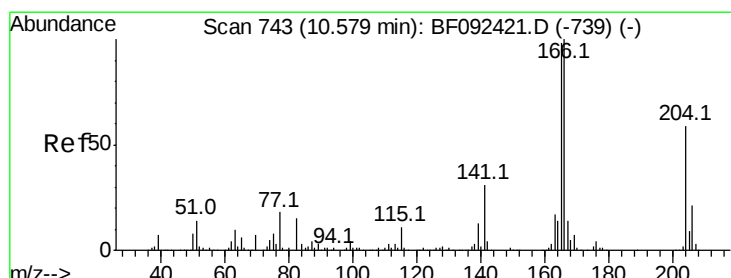
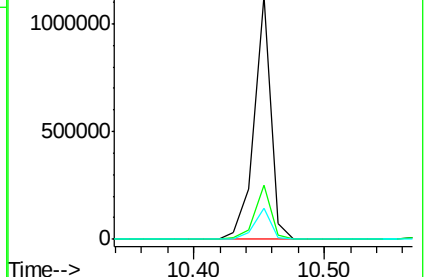
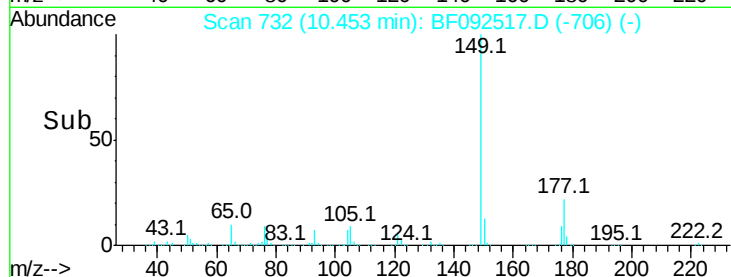
150 12.8 10.4 15.6



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: 43.31 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

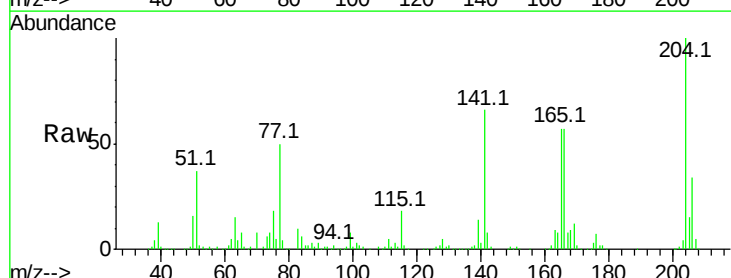
Tgt Ion:204 Resp: 396135

Ion Ratio Lower Upper

204 100

206 34.1 25.8 38.6

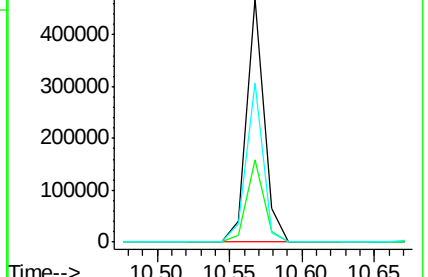
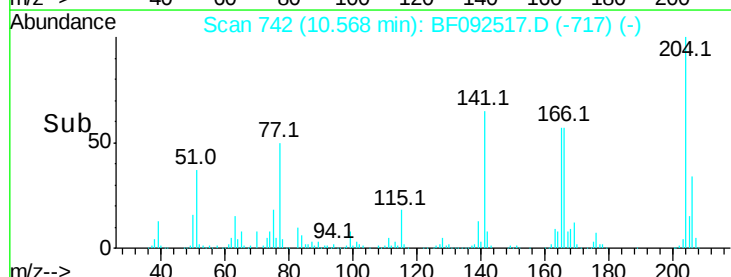
141 65.5 59.4 89.0

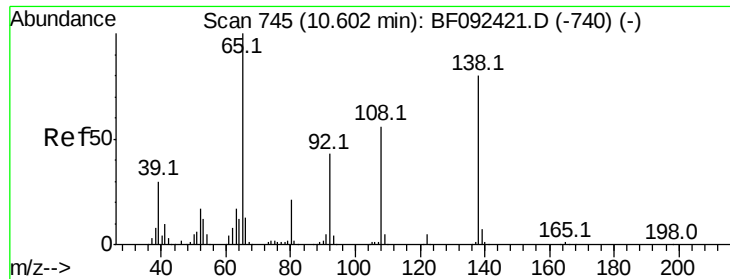


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

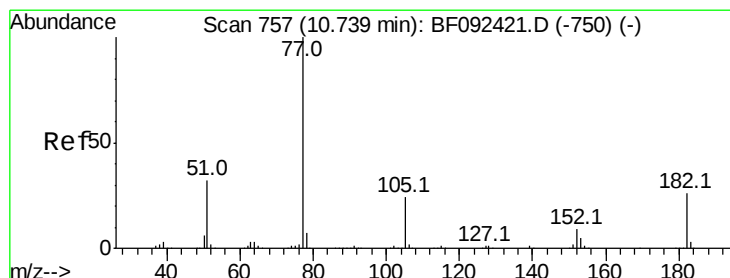
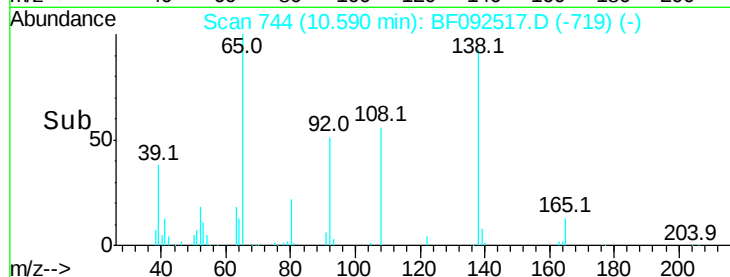
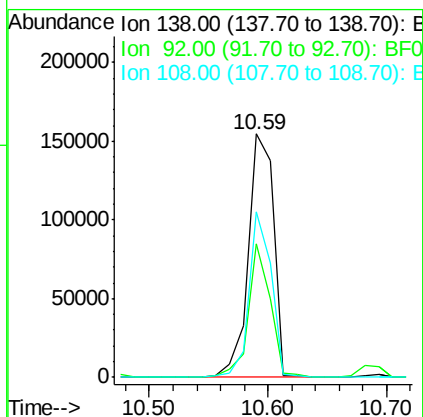
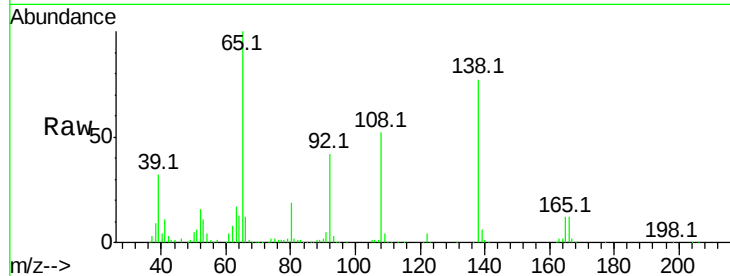




#61
4-Nitroaniline
Concen: 40.99 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

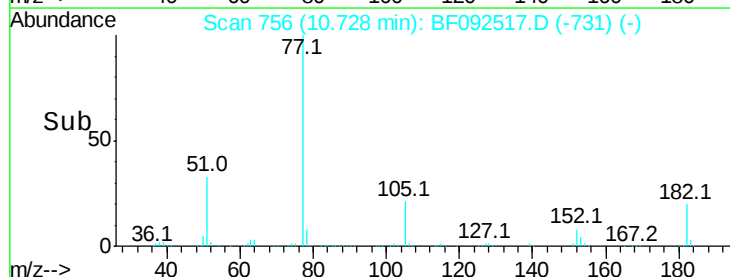
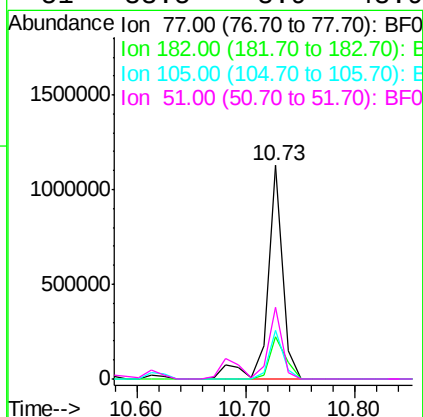
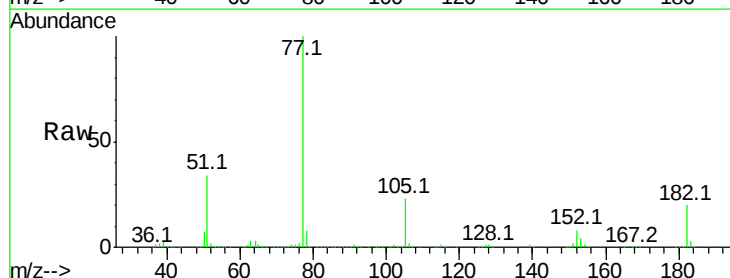
Instrument :
BNA_F
ClientSampled :

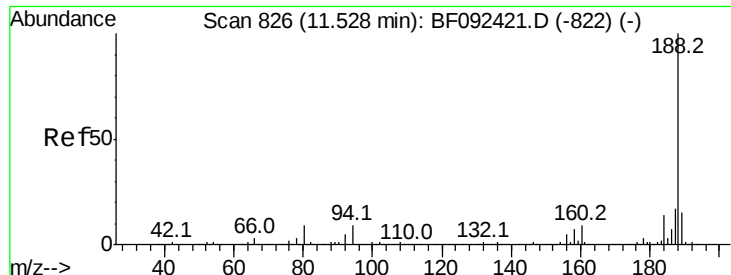
Tot Ion:138 Resp: 232290
Ion Ratio Lower Upper
138 100
92 54.7 31.7 71.7
108 67.7 52.6 92.6



#62
Azobenzene
Concen: 45.55 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion: 77 Resp: 1100093
Ion Ratio Lower Upper
77 100
182 20.1 0.0 39.3
105 23.0 2.3 42.3
51 33.5 8.9 48.9

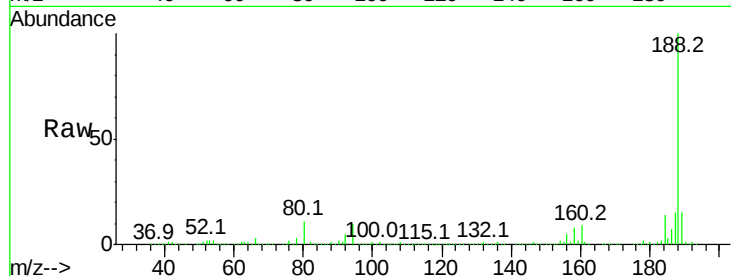




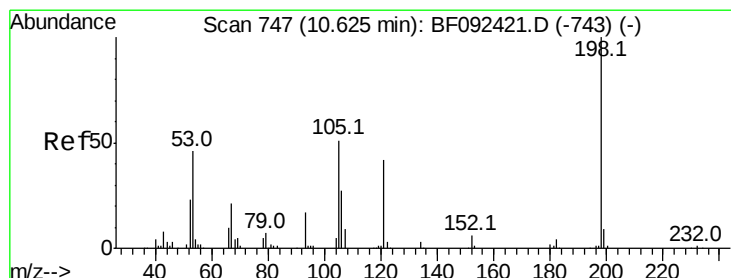
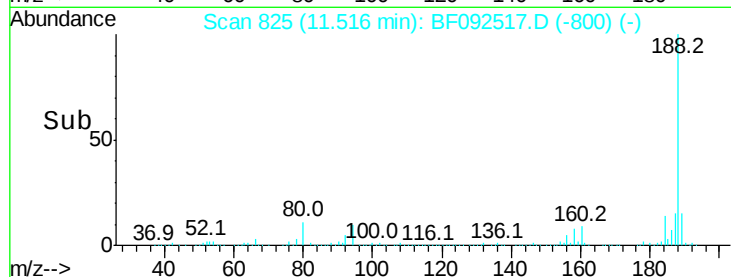
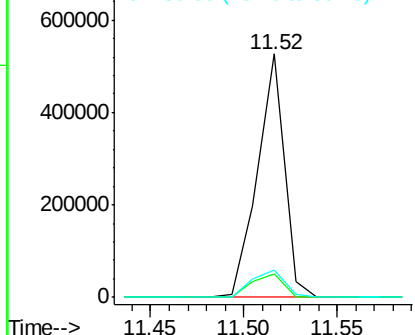
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 525970
Ion Ratio Lower Upper
188 100
94 9.8 10.0 15.0#
80 11.3 11.2 16.8

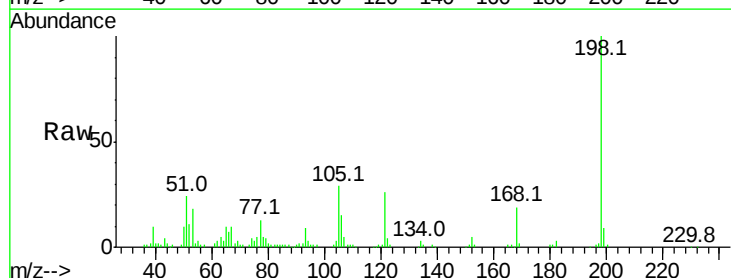


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

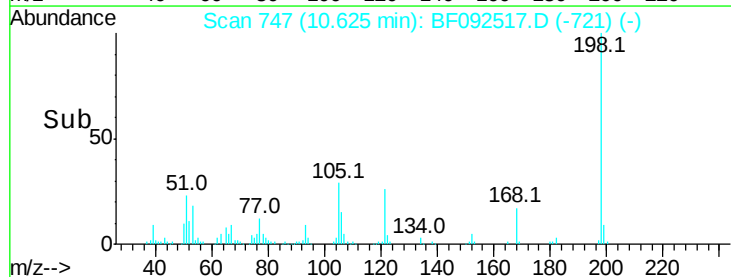
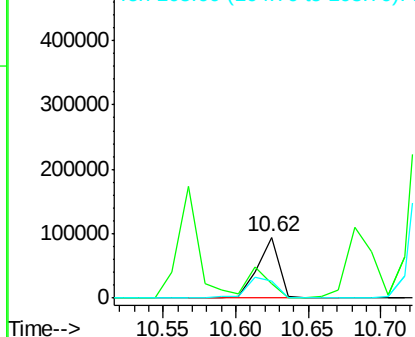


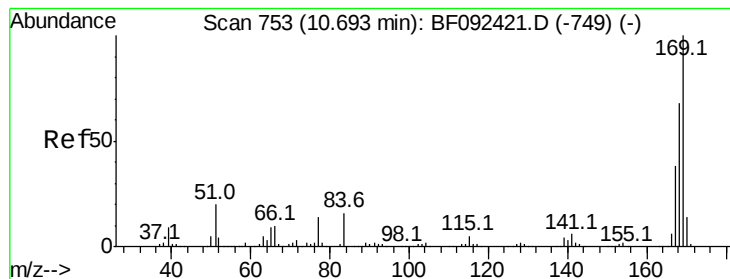
#64
4,6-Dinitro-2-methylphenol
Concen: 35.26 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion:198 Resp: 95781
Ion Ratio Lower Upper
198 100
51 23.9 6.7 46.7
105 28.8 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 53.99 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

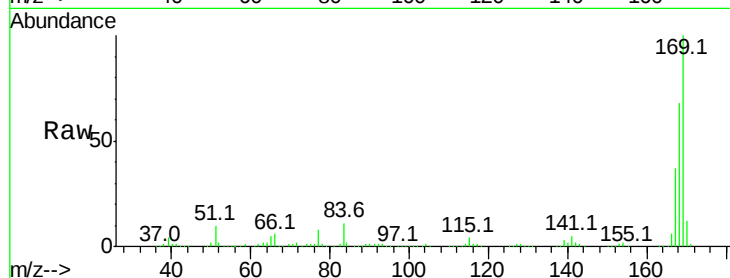
Tot Ion:169 Resp: 886749

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.2

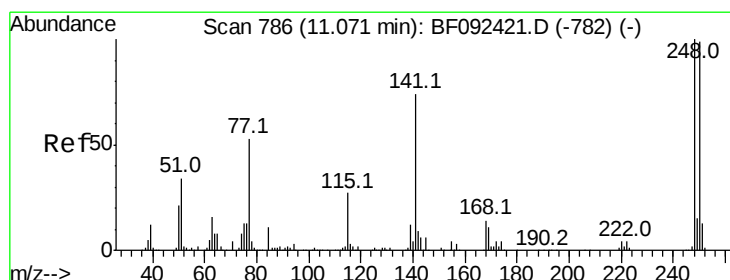
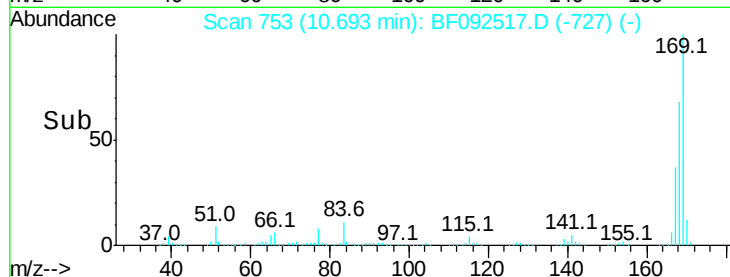
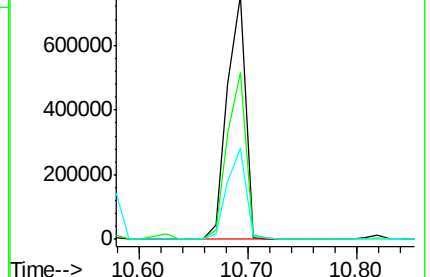
167 37.4 30.2 45.4



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: 47.01 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

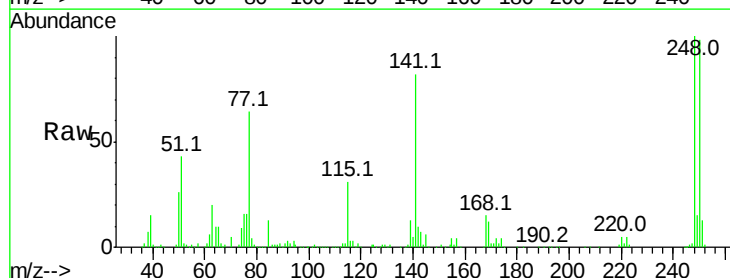
Tgt Ion:248 Resp: 249637

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

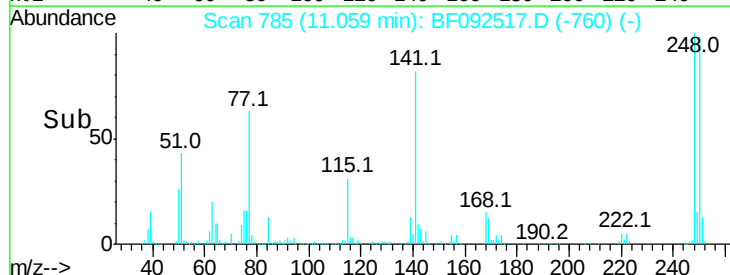
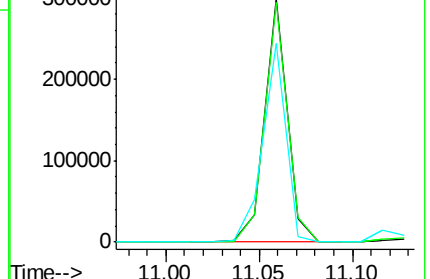
141 81.7 68.2 102.4

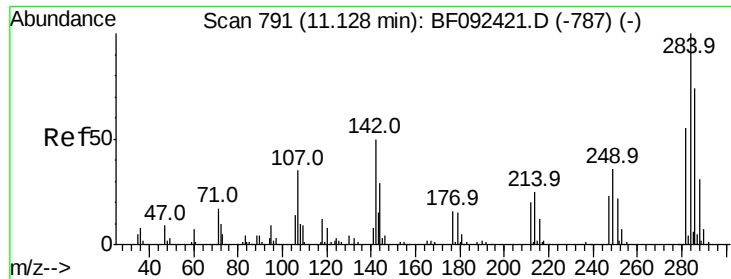


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

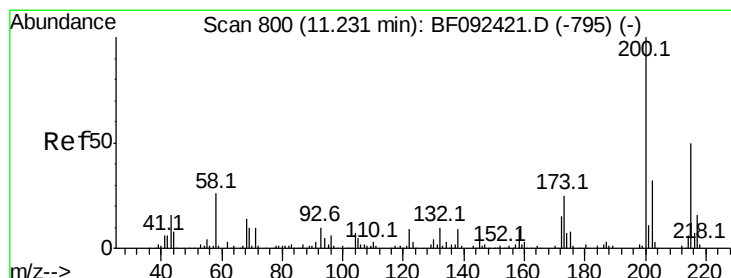
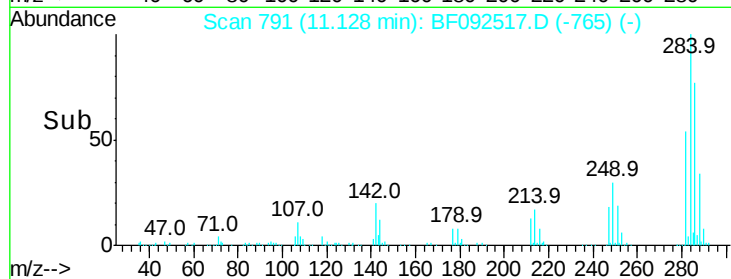
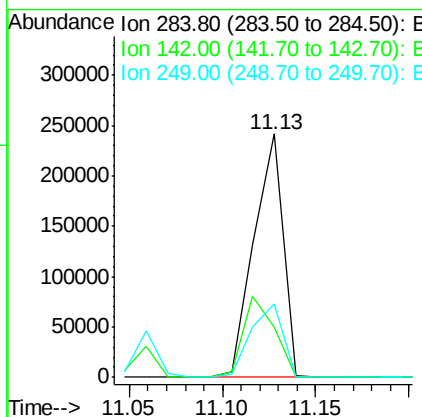
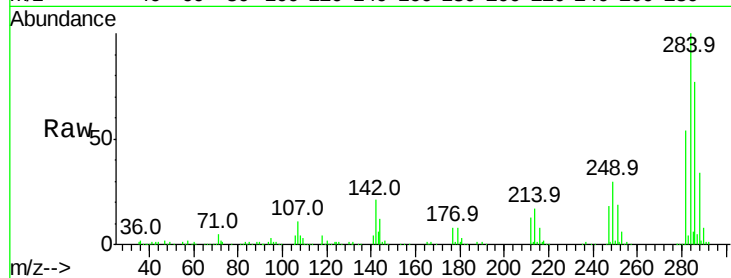




#67
Hexachlorobenzene
Concen: 48.61 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

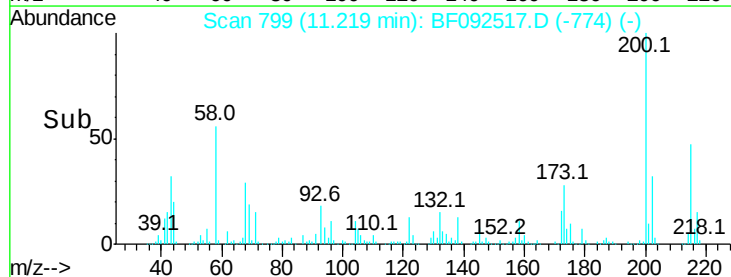
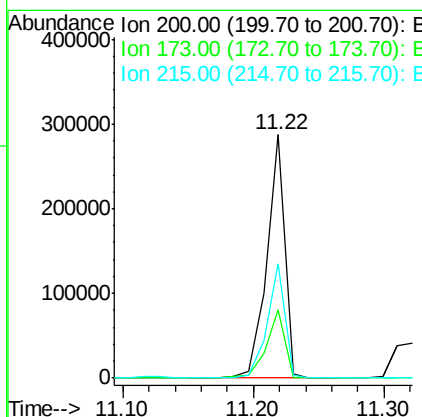
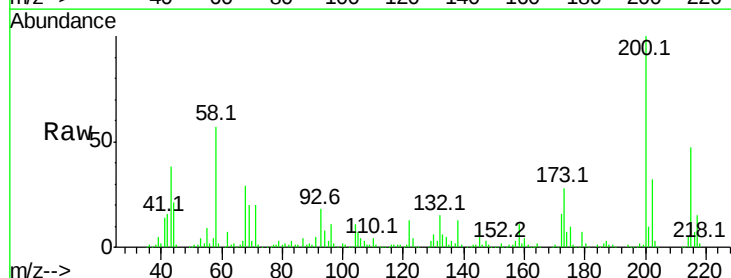
Instrument :
BNA_F
ClientSampleId :

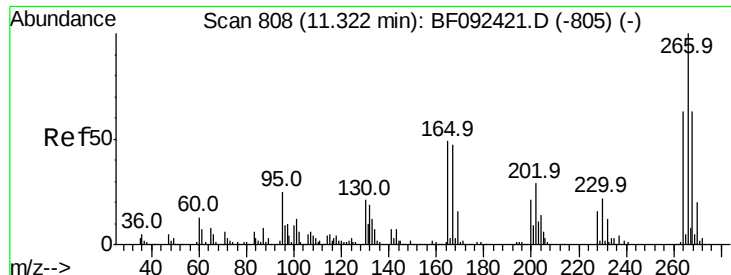
Tot Ion:284 Resp: 260921
Ion Ratio Lower Upper
284 100
142 20.7 22.6 33.8#
249 30.3 25.4 38.0



#68
Atrazine
Concen: 48.95 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion:200 Resp: 275209
Ion Ratio Lower Upper
200 100
173 27.9 9.6 49.6
215 46.8 25.7 65.7

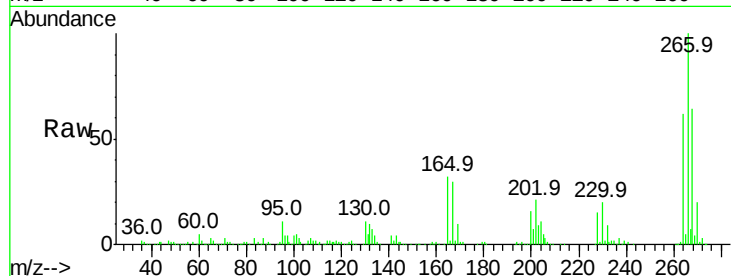




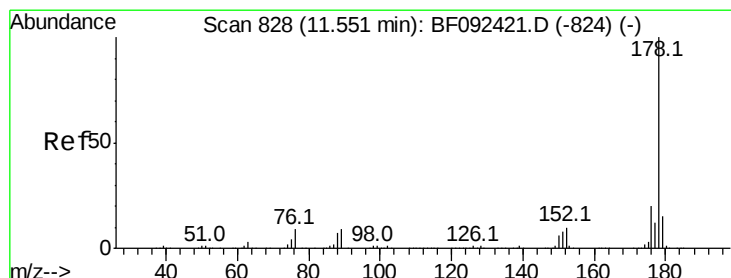
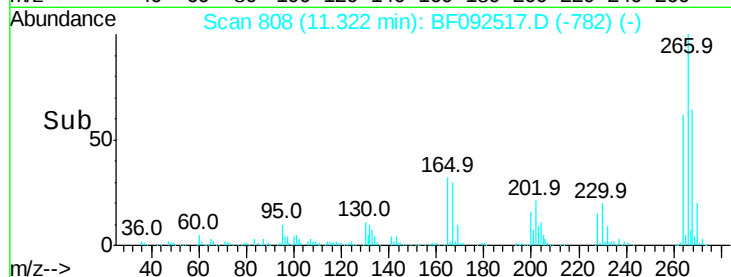
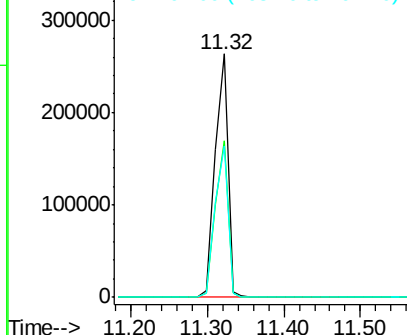
#69
 Pentachlorophenol
 Concen: 88.76 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 304637
 Ion Ratio Lower Upper
 266 100
 268 64.4 53.3 79.9
 264 62.1 50.3 75.5

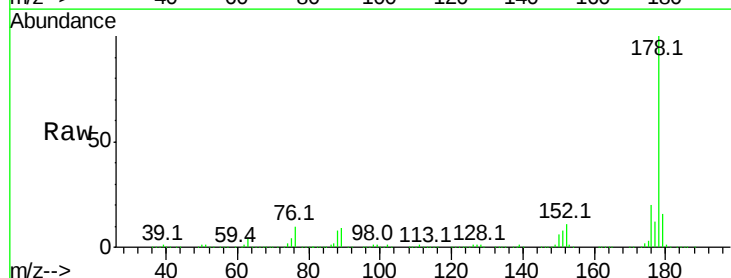


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

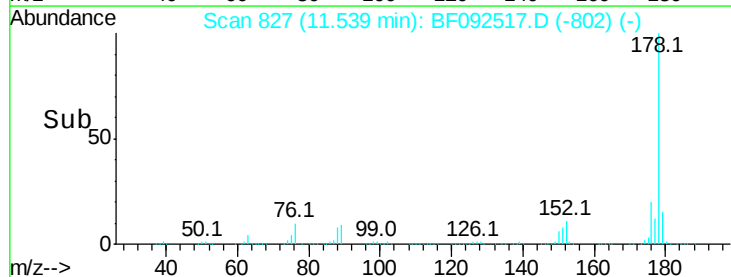
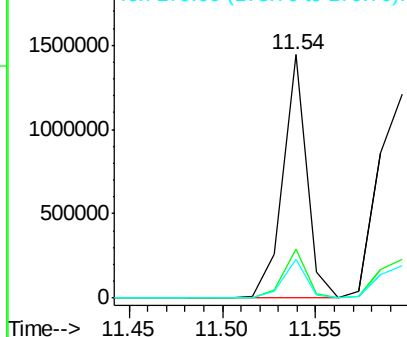


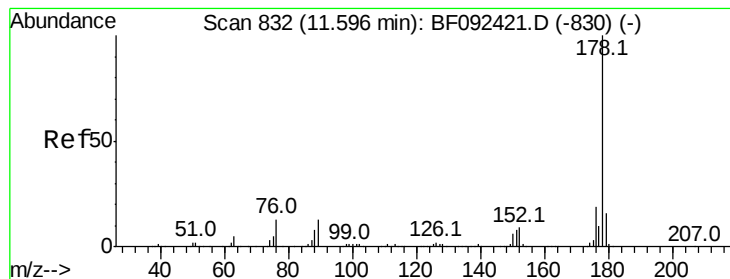
#70
 Phenanthrene
 Concen: 44.28 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion:178 Resp: 1282528
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.7 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: 51.61 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

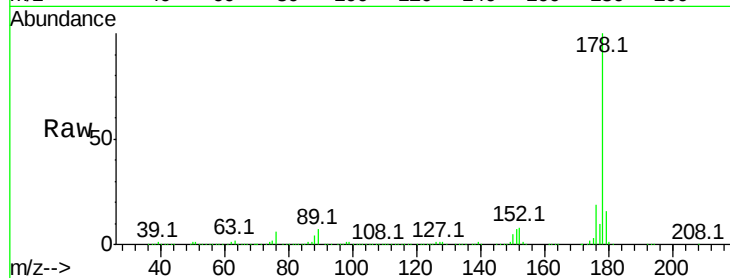
Tot Ion:178 Resp: 1460888

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

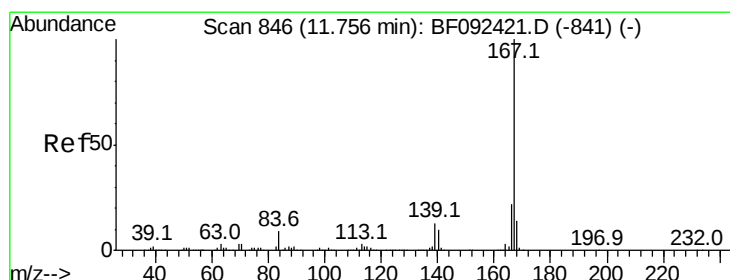
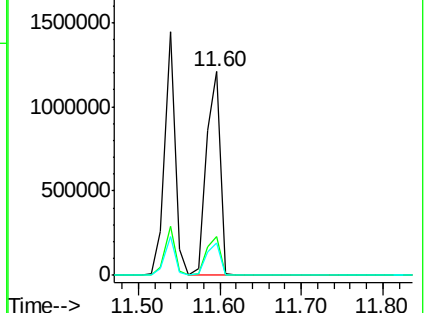
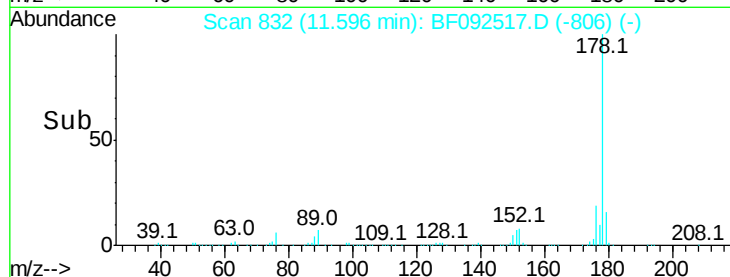
179 15.7 13.2 19.8



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: 45.30 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

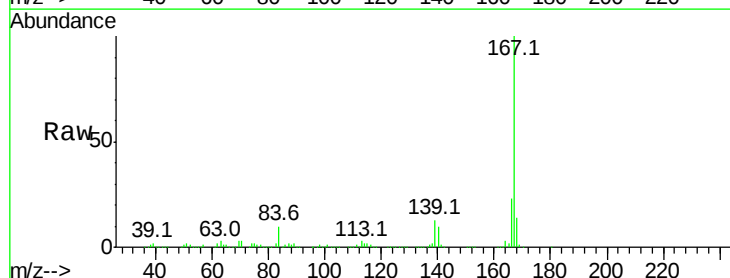
Tgt Ion:167 Resp: 1224462

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

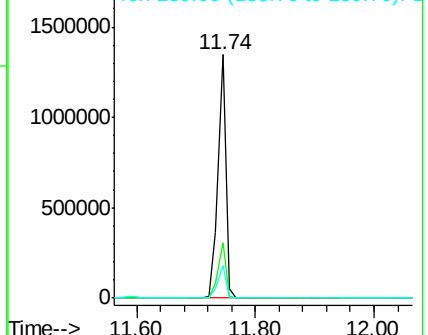
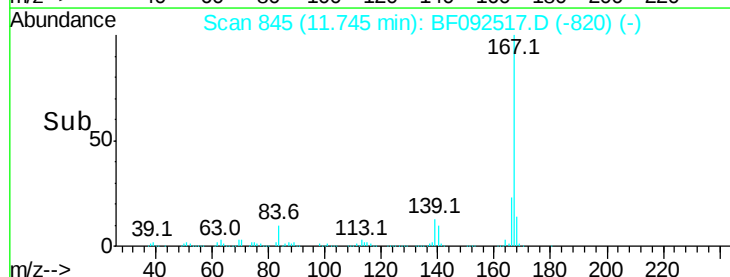
139 13.4 11.4 17.2

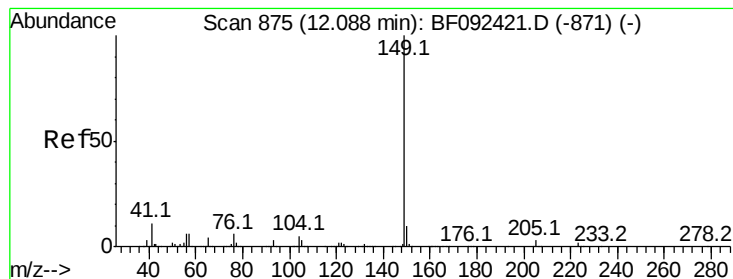


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.61 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

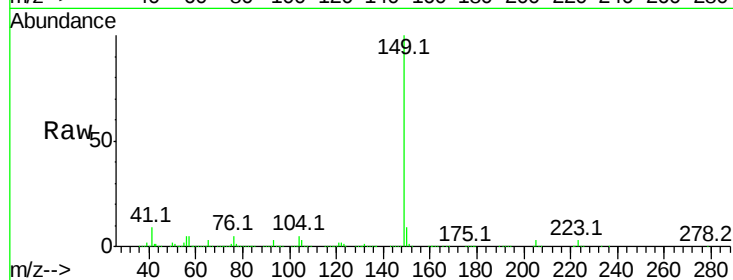
Tot Ion:149 Resp: 1471390

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

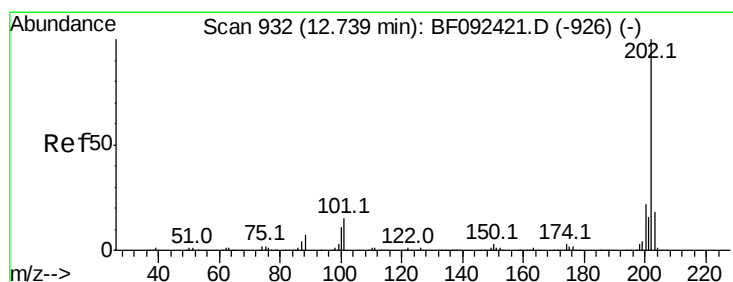
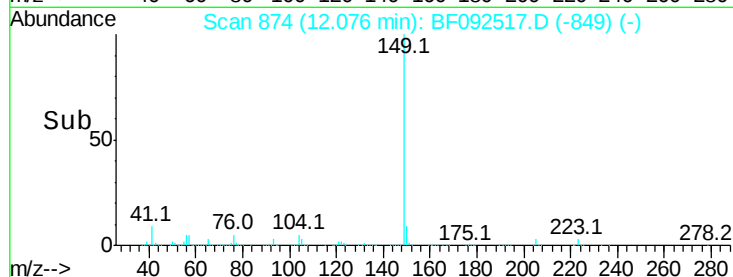
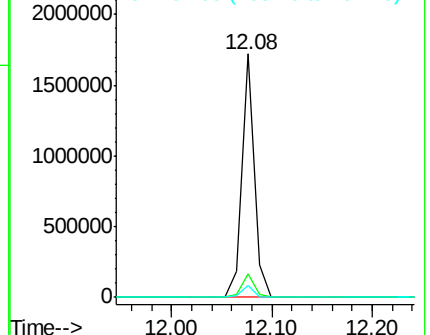
104 4.6 4.6 7.0



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: 43.06 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

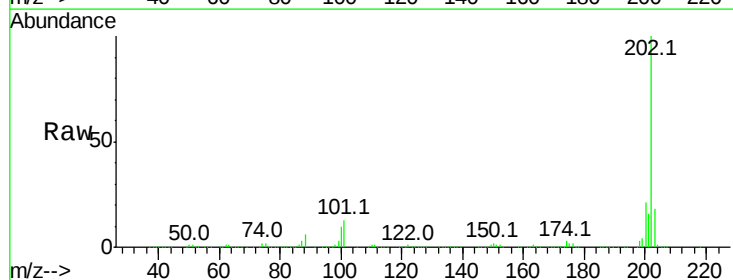
Tgt Ion:202 Resp: 1220048

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.6

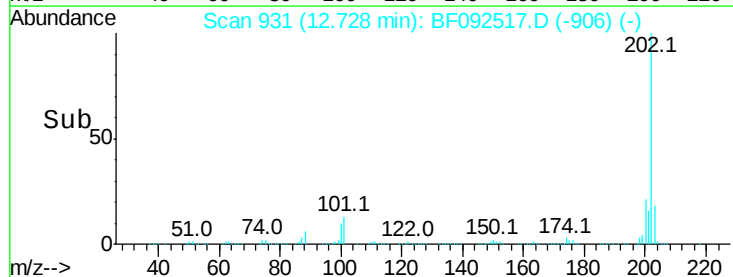
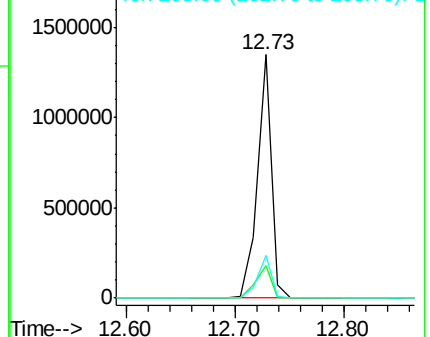
203 17.8 0.0 38.7

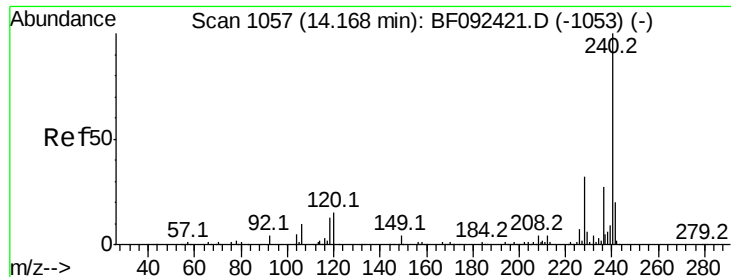


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampled :

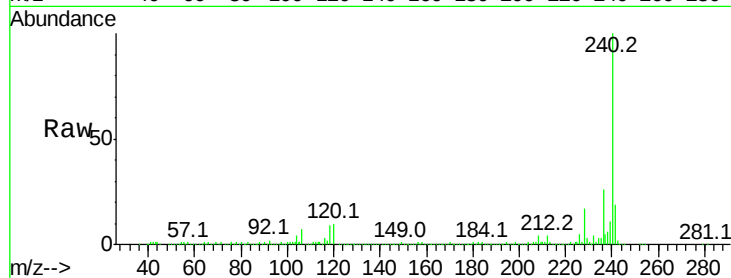
Tot Ion:240 Resp: 350577

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

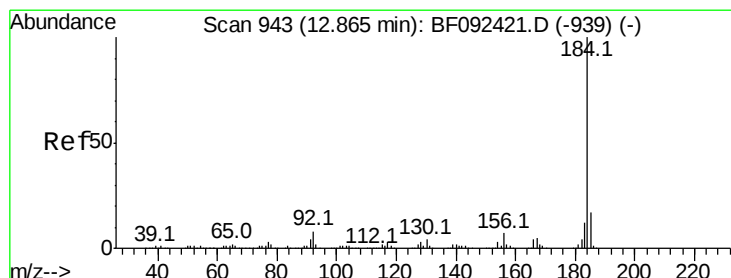
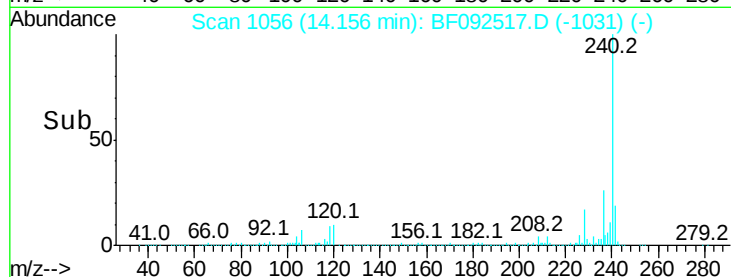
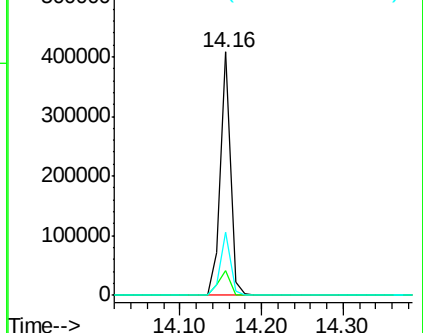
236 26.0 20.9 31.3



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: 31.27 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

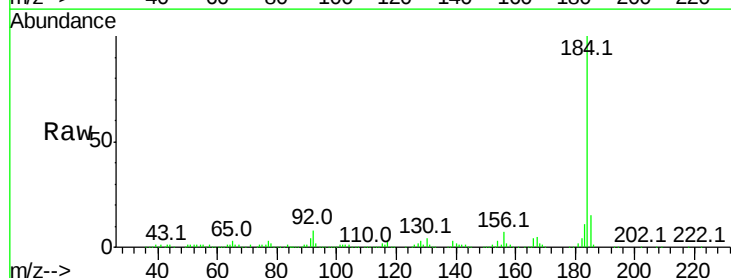
Tgt Ion:184 Resp: 406997

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

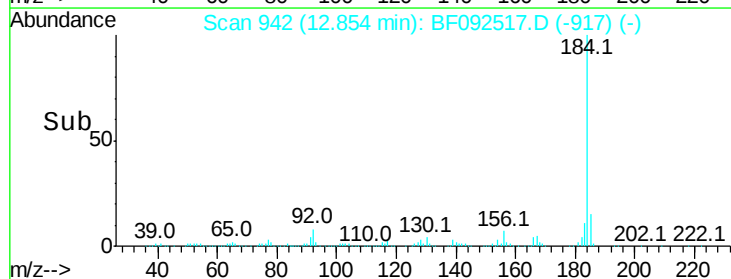
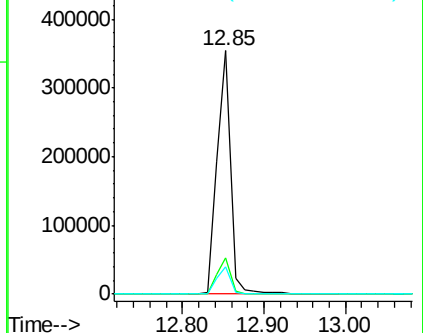
183 11.3 9.2 13.8

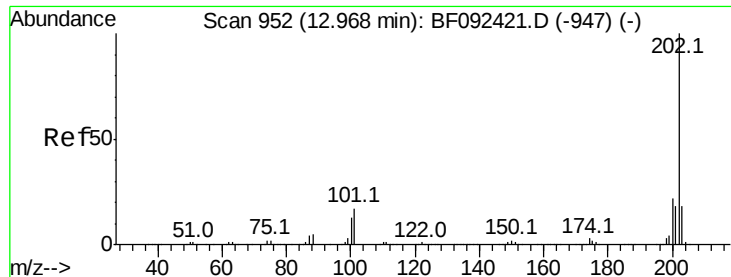


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.35 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

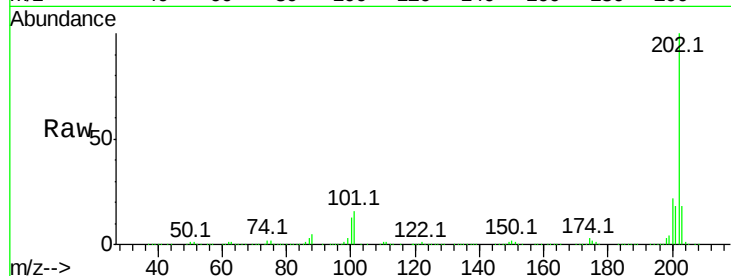
Tot Ion:202 Resp: 1177242

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

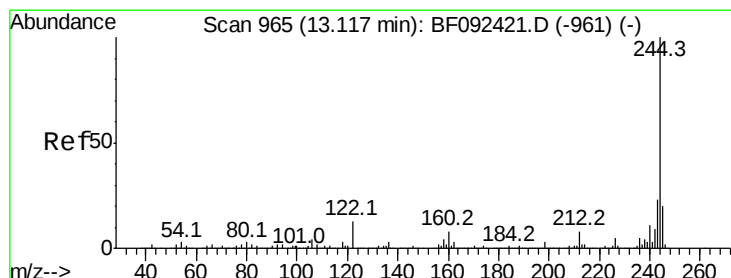
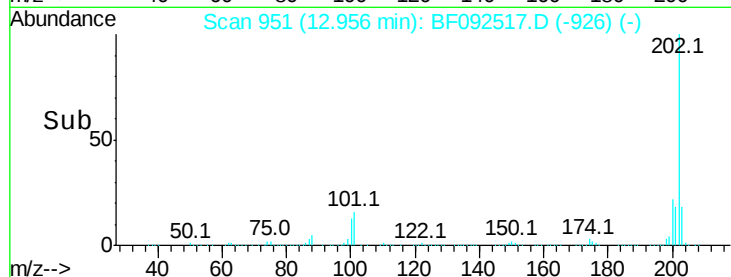
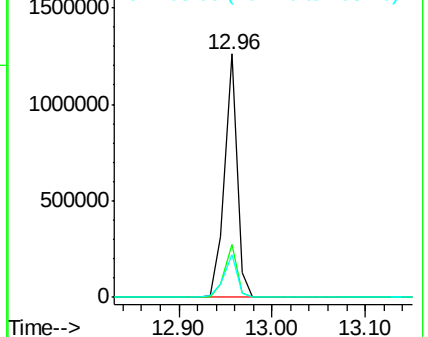
203 17.6 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 103.08 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

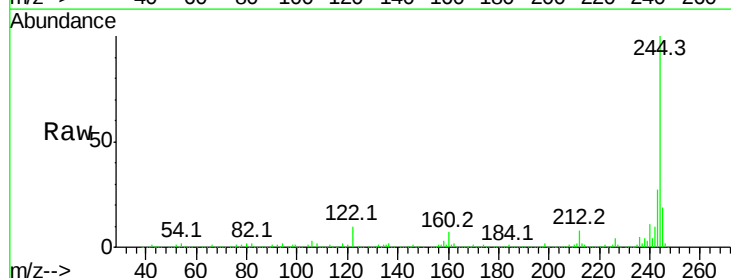
Tgt Ion:244 Resp: 1357094

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

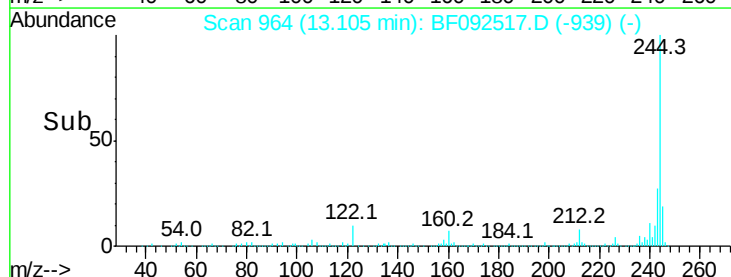
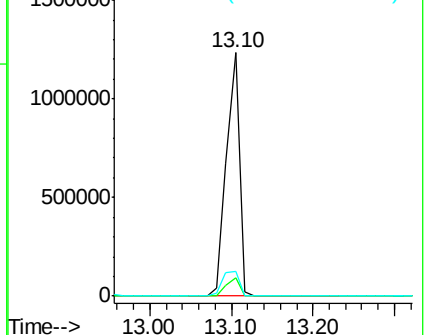
122 10.4 11.4 17.2#

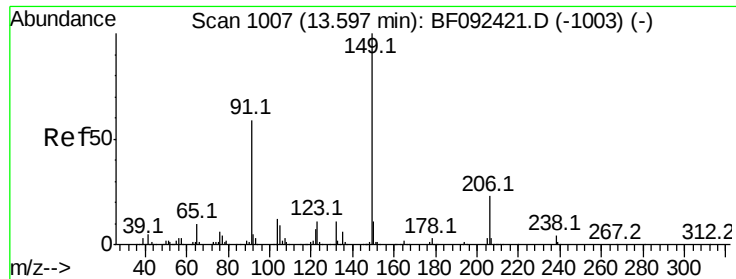


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

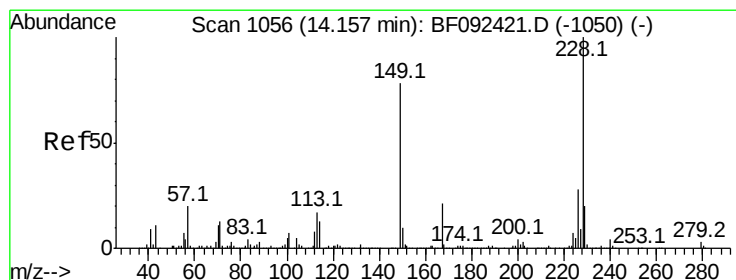
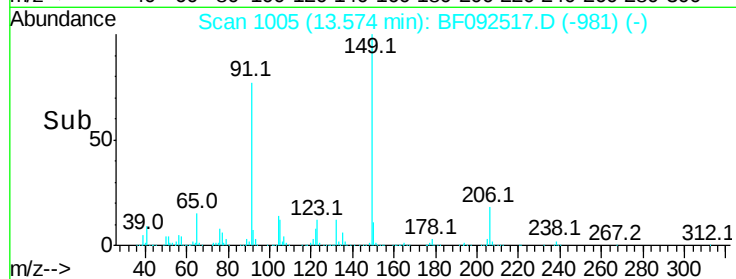
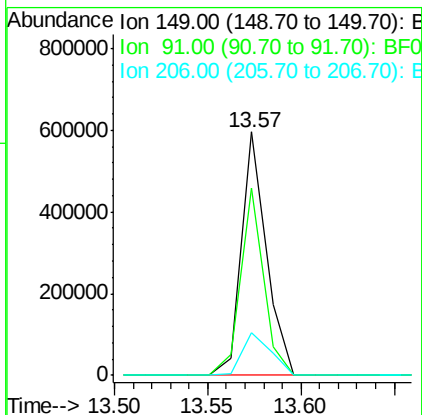
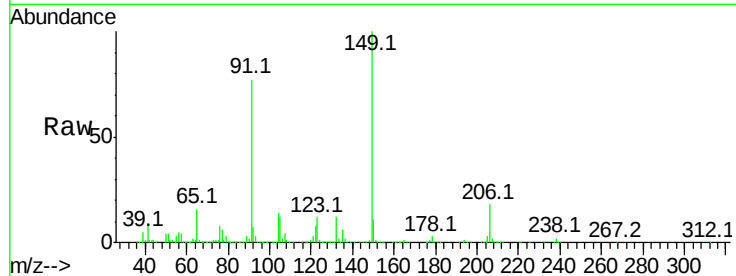




#79
Butylbenzylphthalate
Concen: 54.16 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

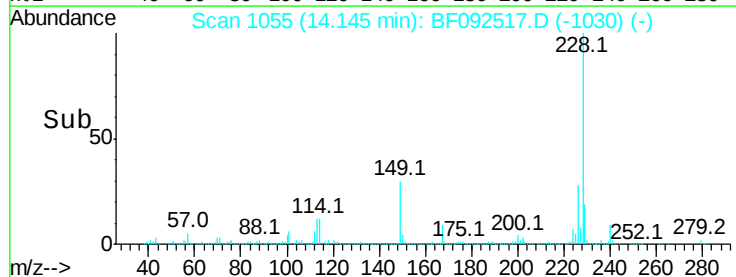
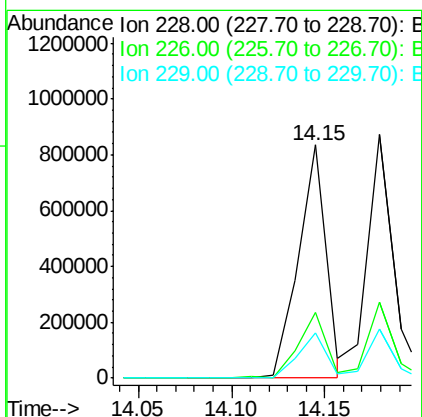
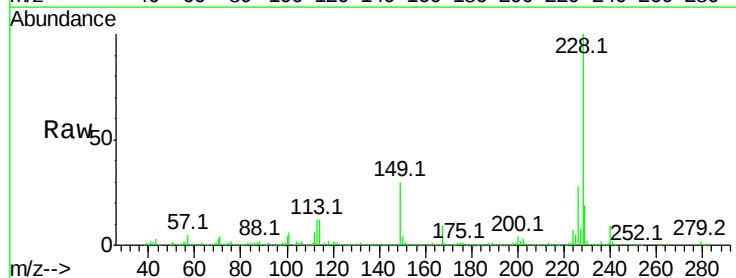
Instrument :
BNA_F
ClientSampleId :

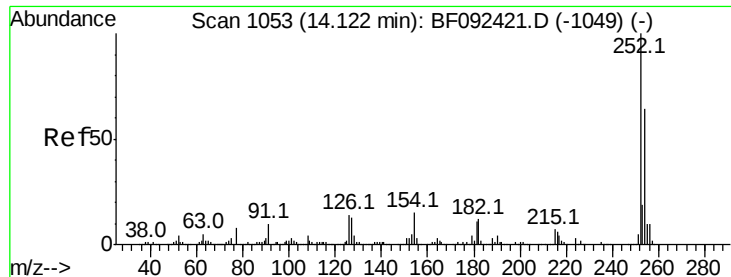
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.1	63.9	95.9
206	17.5	14.6	21.8



#80
Benzo(a)anthracene
Concen: 46.12 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	19.4	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 40.62 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

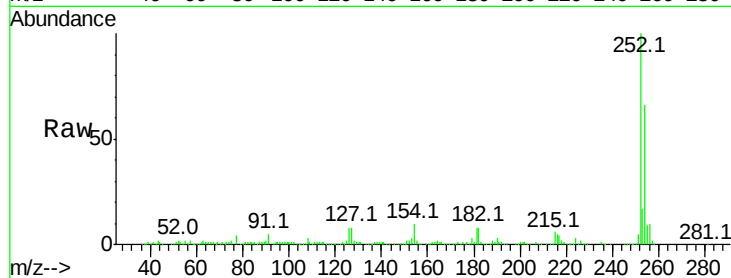
Tot Ion:252 Resp: 290614

Ion Ratio Lower Upper

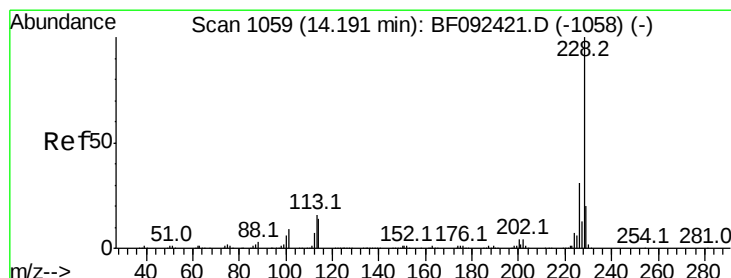
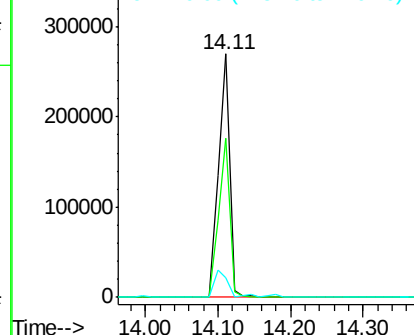
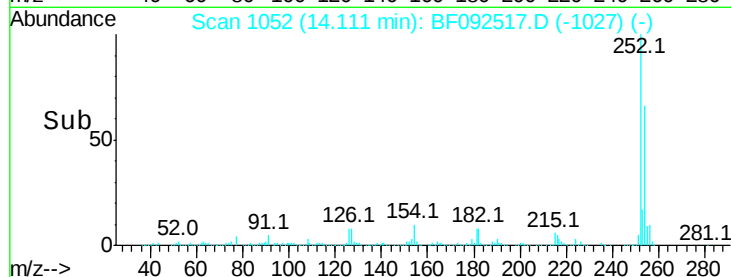
252 100

254 65.6 52.3 78.5

126 8.0 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: 40.62 ng

RT: 14.18 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

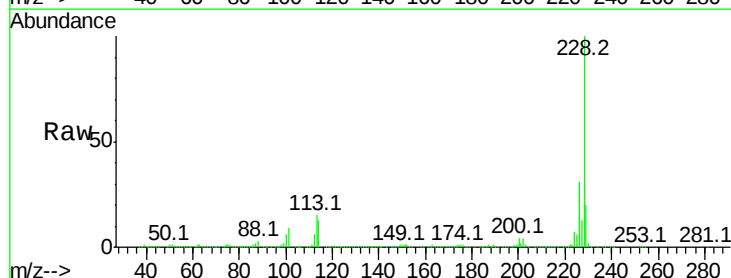
Tgt Ion:228 Resp: 817339

Ion Ratio Lower Upper

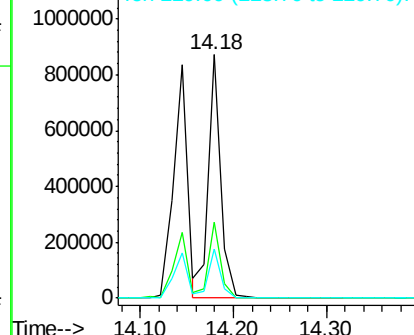
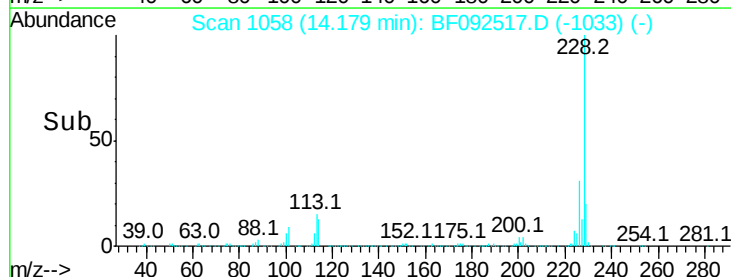
228 100

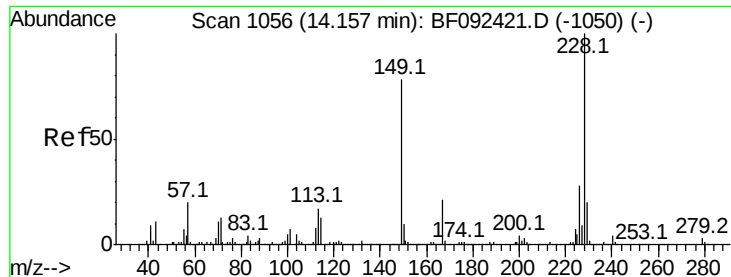
226 31.0 25.4 38.0

229 20.4 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

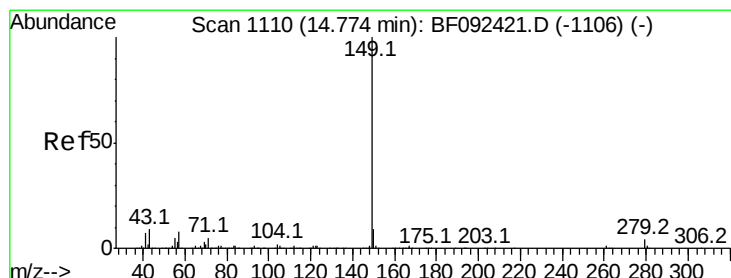
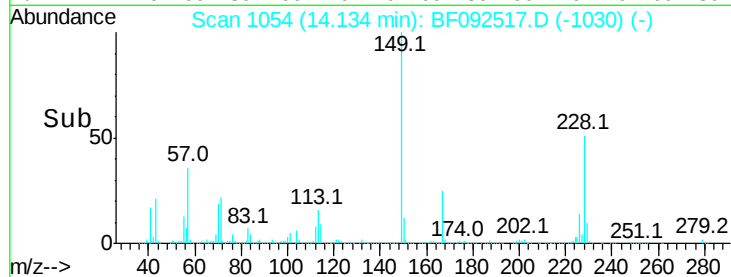
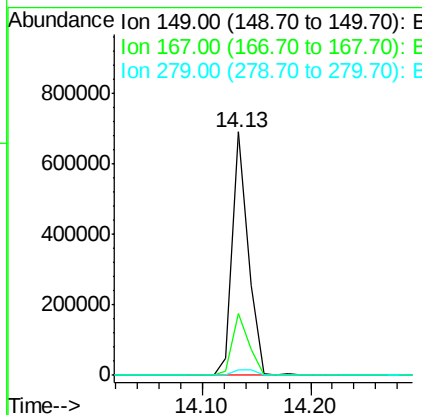
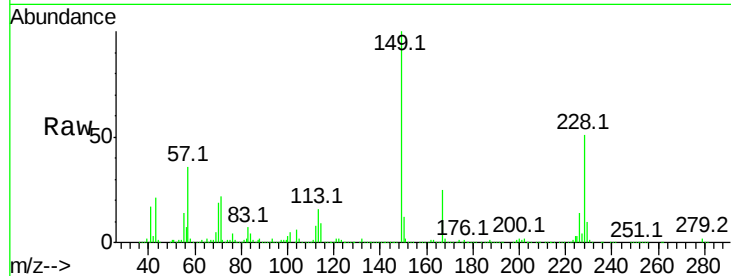




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.13 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

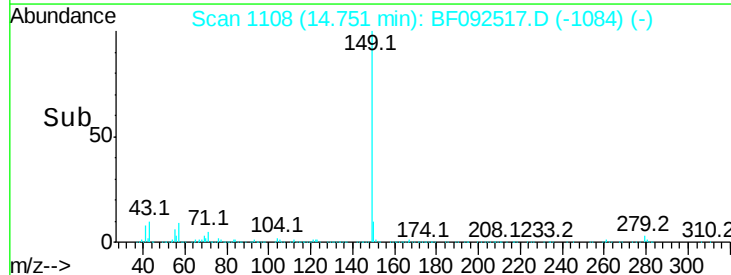
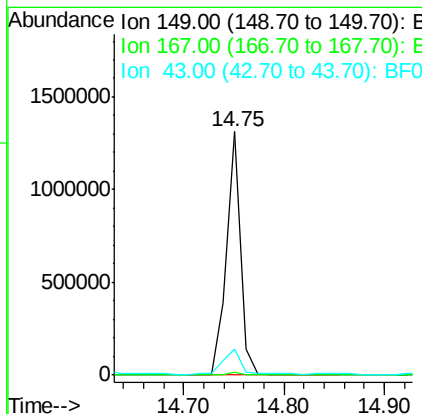
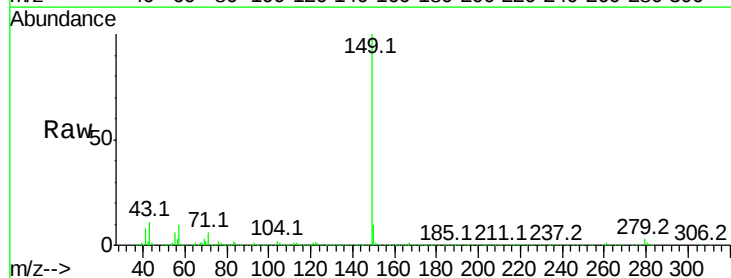
Instrument :
 BNA_F
 ClientSampleId :

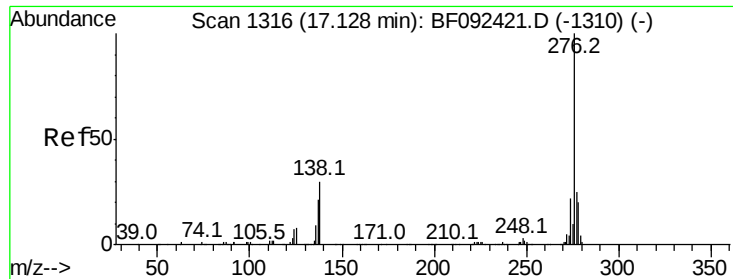
Tot Ion:149 Resp: 688536
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.2 30.4
 279 2.2 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 54.23 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion:149 Resp: 1276000
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.3 8.9 13.3

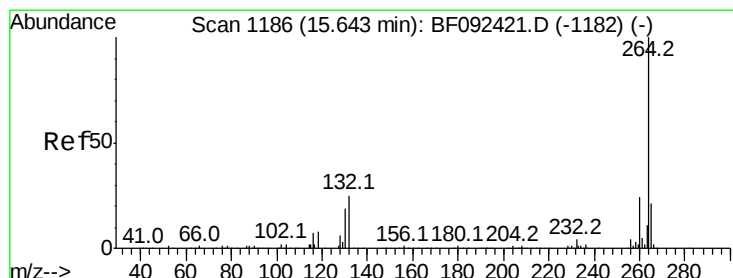
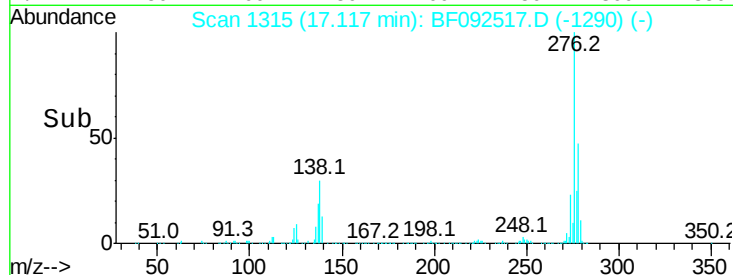
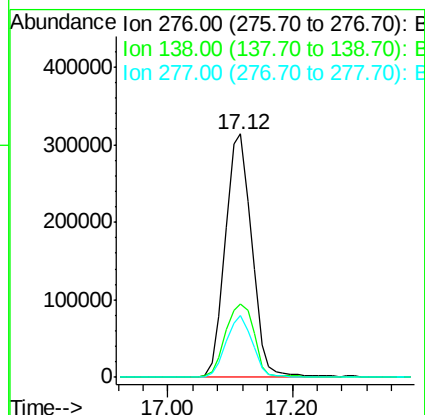
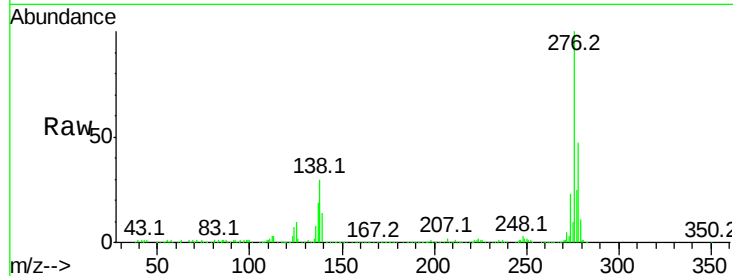




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.66 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

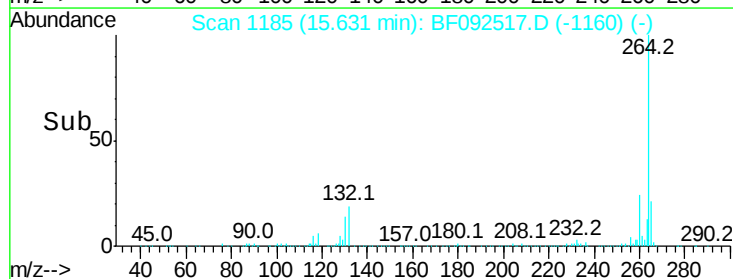
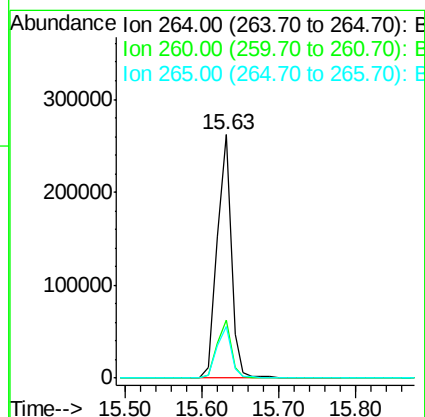
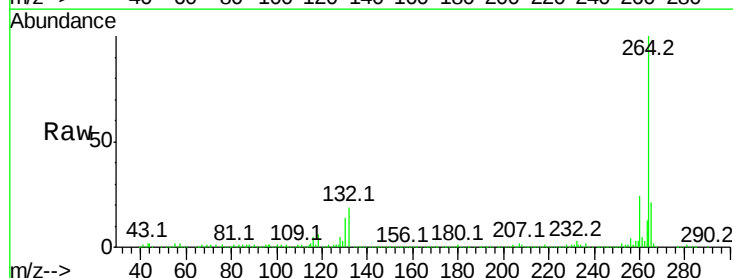
Instrument :
 BNA_F
 ClientSampleId :

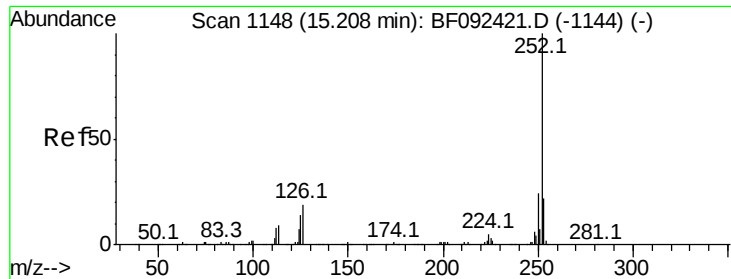
Tot Ion:276 Resp: 932872
 Ion Ratio Lower Upper
 276 100
 138 33.3 21.8 32.6#
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion:264 Resp: 335476
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.4 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 40.42 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

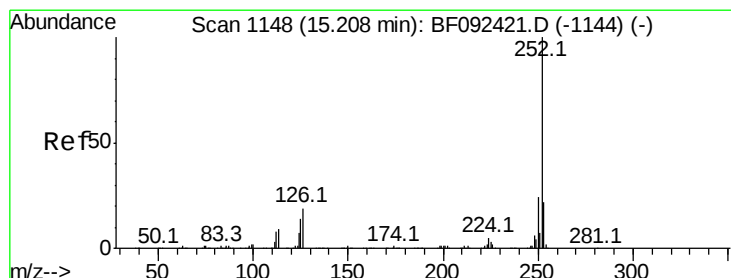
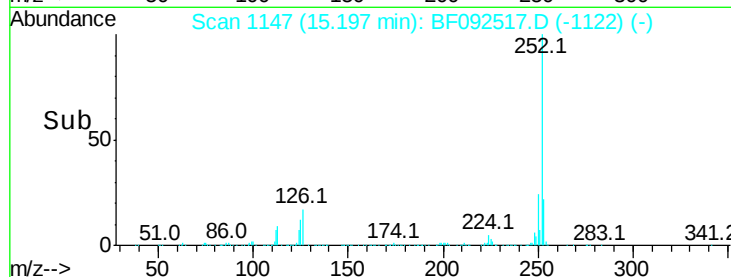
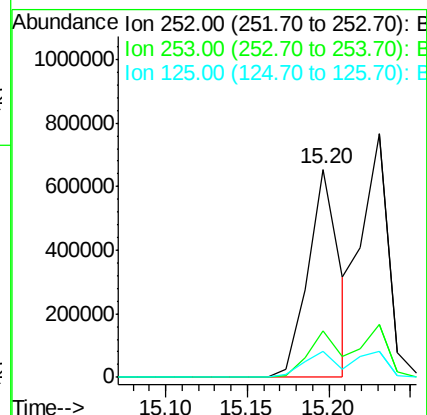
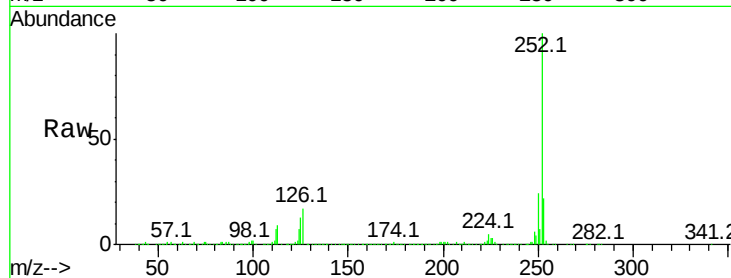
Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 870594

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	12.6	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 48.61 ng

RT: 15.20 min Scan# 1147

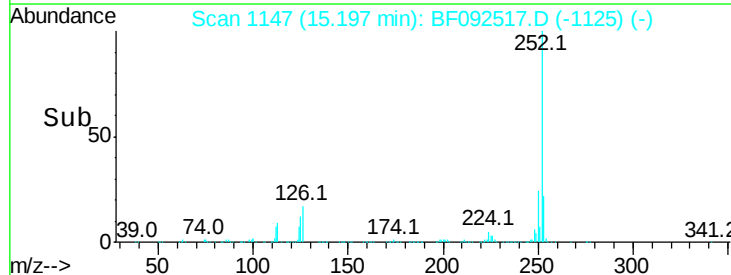
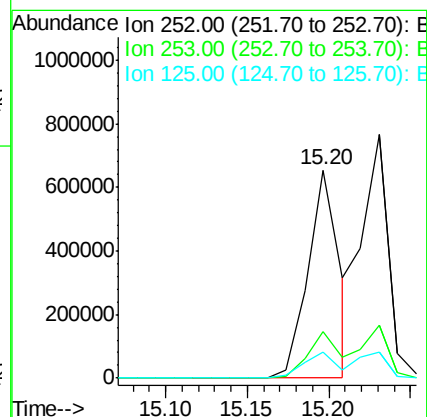
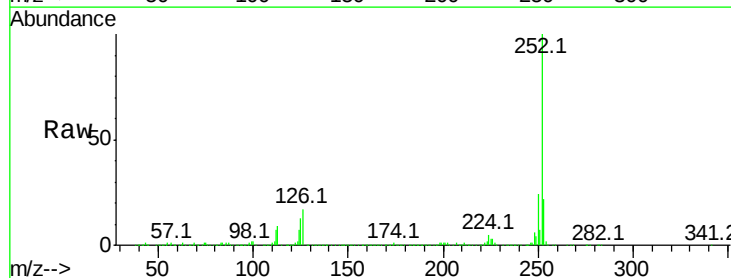
Delta R.T. -0.05 min

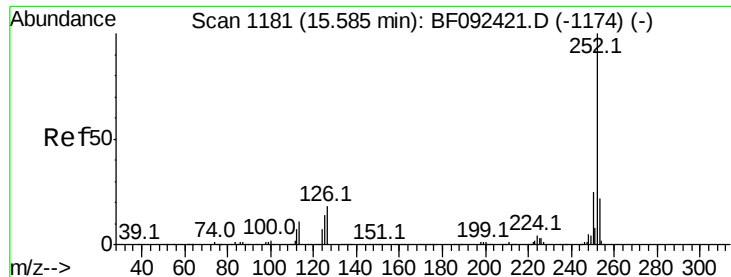
Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Tgt Ion:252 Resp: 870594

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	12.6	8.9	13.3





#89

Benzo(a)pyrene

Concen: 48.33 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

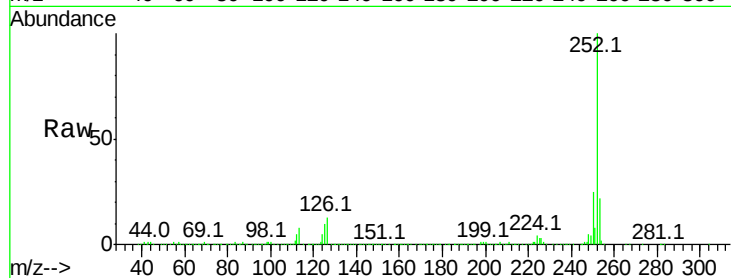
Tot Ion:252 Resp: 880535

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

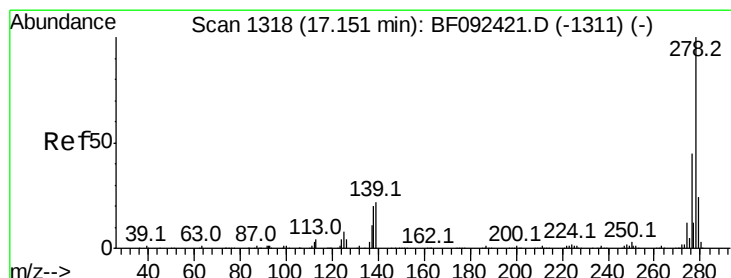
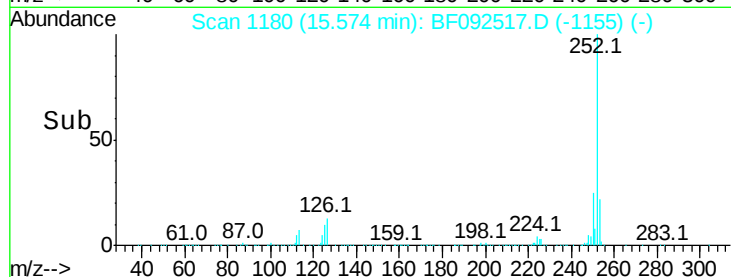
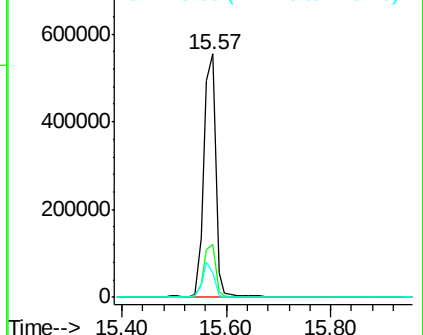
125 10.3 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.38 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

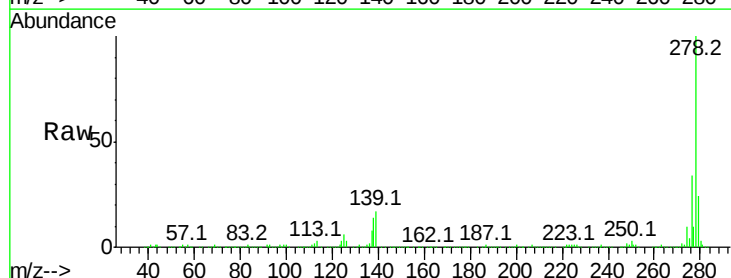
Tgt Ion:278 Resp: 786438

Ion Ratio Lower Upper

278 100

139 17.4 14.8 22.2

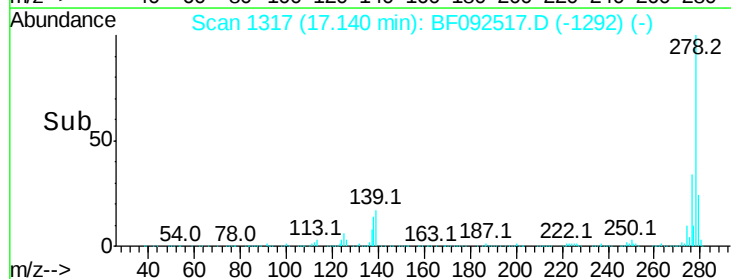
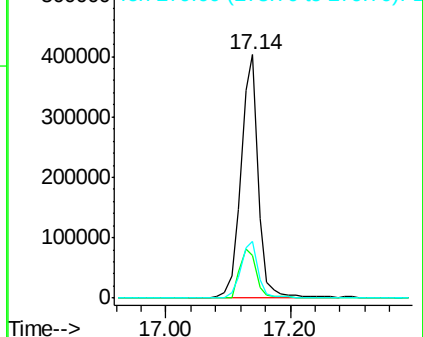
279 23.6 19.8 29.6

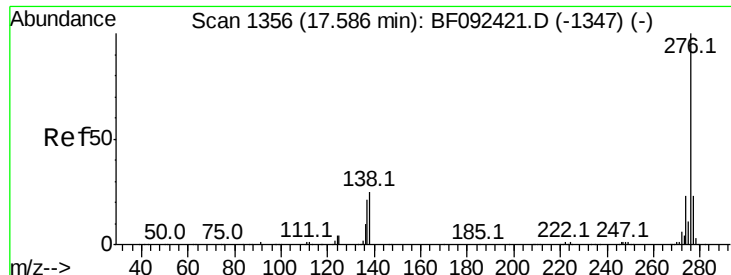


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.03 ng

RT: 17.56 min Scan# 1354

Delta R.T. -0.02 min

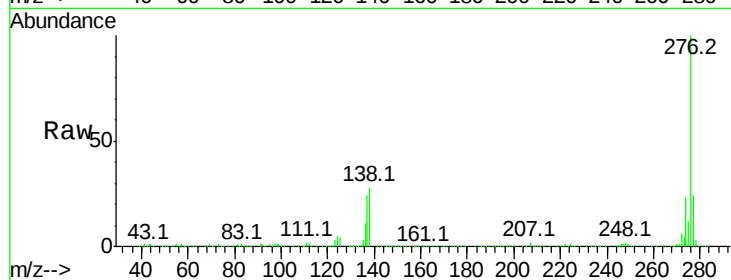
Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 760294

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 28.1 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

