

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
 Data File : BF092831.D
 Acq On : 7 Feb 2017 16:39
 Operator : SJ/MA
 Sample : PB96775BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Quant Time: Feb 07 23:47:10 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	175849	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	685465	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	358622	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	514490	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	392661	20.00	ng	-0.07
86) Perylene-d12	15.53	264	330235	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1119230	109.19	ng	-0.06
7) Phenol-d6	6.56	99	1310266	99.35	ng	-0.05
23) Nitrobenzene-d5	7.48	82	896087	72.80	ng	-0.06
41) 2,4,6-Tribromophenol	10.74	330	276639	106.65	ng	-0.07
44) 2-Fluorobiphenyl	9.28	172	1612578	81.46	ng	-0.06
78) Terphenyl-d14	13.03	244	1172264	70.15	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	137249	24.78	ng	# 84
3) Pyridine	3.29	79	430929	30.60	ng	# 79
4) n-Nitrosodimethylamine	3.24	42	214247	32.40	ng	# 84
6) Aniline	6.58	93	403619	22.44	ng	# 47
8) 2-Chlorophenol	6.69	128	378946	33.51	ng	# 86
9) Benzaldehyde	6.45	77	164372	17.40	ng	# 96
10) Phenol	6.57	94	501131	32.48	ng	# 89
11) bis(2-Chloroethyl)ether	6.65	93	399169	32.41	ng	# 95
12) 1,3-Dichlorobenzene	6.85	146	451894	34.12	ng	# 97
13) 1,4-Dichlorobenzene	6.92	146	426551	31.82	ng	# 99
14) 1,2-Dichlorobenzene	7.08	146	443970	34.64	ng	# 96
15) Benzyl Alcohol	7.06	79	354445	36.30	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	681793	31.86	ng	# 96
17) 2-Methylphenol	7.17	107	341662	35.22	ng	# 97
18) Hexachloroethane	7.42	117	131888	28.82	ng	# 84
19) n-Nitroso-di-n-propylamine	7.32	70	264834	31.55	ng	# 93
20) 3+4-Methylphenols	7.32	107	413022	35.61	ng	# 67
22) Acetophenone	7.32	105	519153	33.17	ng	# 94
24) Nitrobenzene	7.49	77	405218	32.06	ng	# 97
25) Isophorone	7.73	82	772161	33.66	ng	# 98
26) 2-Nitrophenol	7.81	139	229135	38.14	ng	# 87
27) 2,4-Dimethylphenol	7.85	122	374530	35.49	ng	# 99
28) bis(2-Chloroethoxy)methane	7.94	93	494377	32.54	ng	# 98
29) 2,4-Dichlorophenol	8.05	162	331862	33.72	ng	# 89
30) 1,2,4-Trichlorobenzene	8.13	180	351458	33.14	ng	# 95
31) Naphthalene	8.21	128	1067465	30.72	ng	# 99
32) Benzoic acid	7.97	122	207262	36.66	ng	# 95
33) 4-Chloroaniline	8.27	127	141173	10.36	ng	# 95
34) Hexachlorobutadiene	8.33	225	187264	32.09	ng	# 99
35) Caprolactam	8.64	113	113309	36.60	ng	# 39
36) 4-Chloro-3-methylphenol	8.76	107	384562	37.48	ng	# 89
37) 2-Methylnaphthalene	8.91	142	791065	35.46	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	323270	32.11	ng	# 99
40) Hexachlorocyclopentadiene	9.06	237	76341	16.81	ng	# 97

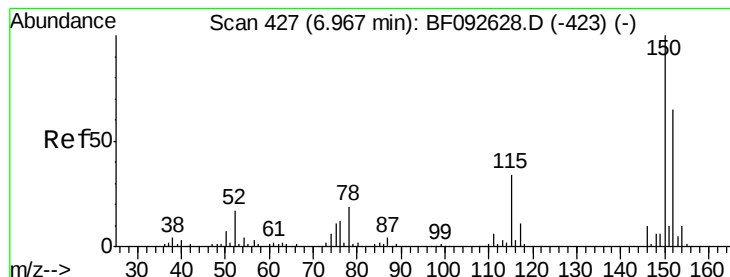
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	239255	36.17	ng	91
43) 2,4,5-Trichlorophenol	9.23	196	245197	33.83	ng	93
45) 1,1'-Biphenyl	9.37	154	864922	33.31	ng	96
46) 2-Chloronaphthalene	9.40	162	738683	36.36	ng	95
47) 2-Nitroaniline	9.49	65	228152	33.40	ng	96
48) Acenaphthylene	9.81	152	1130209	32.21	ng	99
49) Dimethylphthalate	9.68	163	934254	38.68	ng	100
50) 2,6-Dinitrotoluene	9.73	165	174783	33.50	ng	# 72
51) Acenaphthene	9.98	154	697457	33.24	ng	96
52) 3-Nitroaniline	9.90	138	124467	20.85	ng	96
53) 2,4-Dinitrophenol	10.02	184	53643	23.75	ng	95
54) Dibenzofuran	10.16	168	986357	35.15	ng	94
55) 4-Nitrophenol	10.09	139	323690	75.28	ng	# 68
56) 2,4-Dinitrotoluene	10.14	165	262516	37.80	ng	# 85
57) Fluorene	10.50	166	725707	33.61	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	188048	38.89	ng	93
59) Diethylphthalate	10.37	149	851579	37.41	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	340398	32.82	ng	92
61) 4-Nitroaniline	10.52	138	187395	30.65	ng	87
62) Azobenzene	10.65	77	836571	35.57	ng	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	47364	16.95	ng	94
65) n-Nitrosodiphenylamine	10.61	169	708722	43.12	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	200869	37.37	ng	98
67) Hexachlorobenzene	11.05	284	184664	34.76	ng	# 88
68) Atrazine	11.14	200	209026	39.63	ng	97
69) Pentachlorophenol	11.24	266	178712	66.51	ng	96
70) Phenanthrene	11.46	178	935871	31.75	ng	98
71) Anthracene	11.52	178	1101051	37.20	ng	98
72) Carbazole	11.66	167	882523	31.19	ng	98
73) Di-n-butylphthalate	12.00	149	1263825	41.30	ng	# 97
74) Fluoranthene	12.65	202	890491	29.29	ng	97
76) Benzidine	12.77	184	540459	32.30	ng	96
77) Pyrene	12.88	202	895033	30.46	ng	99
79) Butylbenzylphthalate	13.49	149	459656	38.52	ng	86
80) Benzo(a)anthracene	14.07	228	796934	33.18	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	308928	36.09	ng	# 95
82) Chrysene	14.10	228	680572	30.27	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	635137	38.92	ng	# 95
84) Di-n-octyl phthalate	14.66	149	1026902	38.64	ng	100
85) Indeno(1,2,3-cd)pyrene	16.98	276	601653	34.54	ng	95
87) Benzo(b)fluoranthene	15.14	252	1439518	66.23	ng	97
88) Benzo(k)fluoranthene	15.14	252	1439518	76.70	ng	98
89) Benzo(a)pyrene	15.47	252	655807	34.88	ng	99
90) Dibenzo(a,h)anthracene	16.99	278	516833	34.01	ng	99
91) Benzo(g,h,i)perylene	17.41	276	485961	31.66	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.06 min

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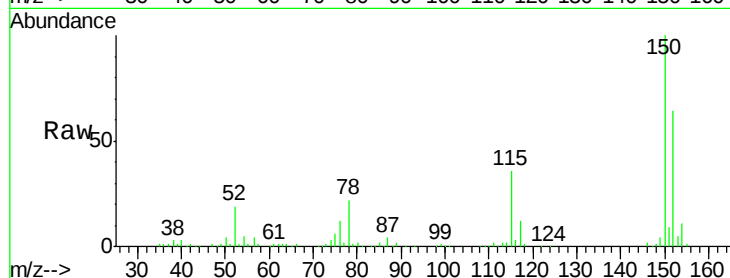
Tgt Ion:152 Resp: 175849

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

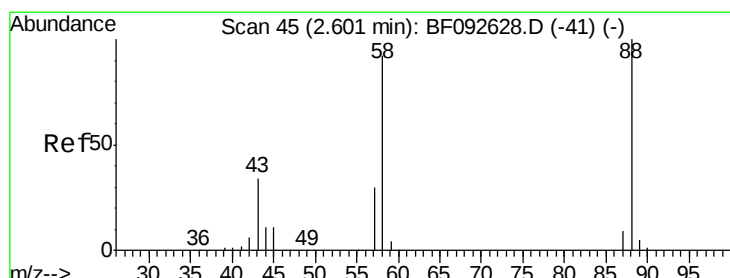
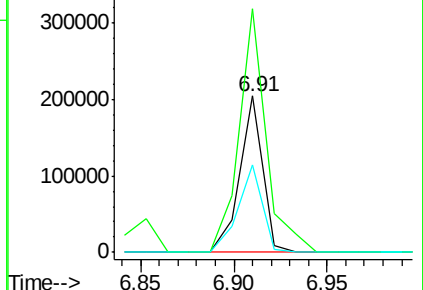
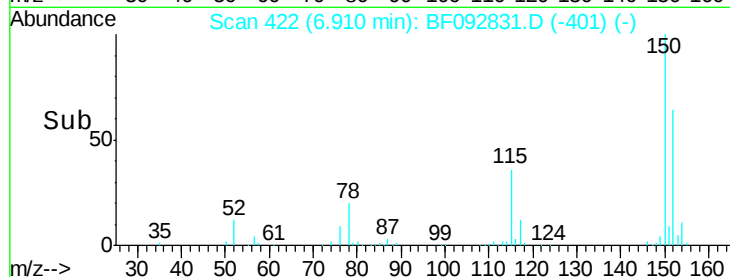
115 55.9 46.0 69.0



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: 24.78 ng

RT: 2.56 min Scan# 41

Delta R.T. -0.05 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

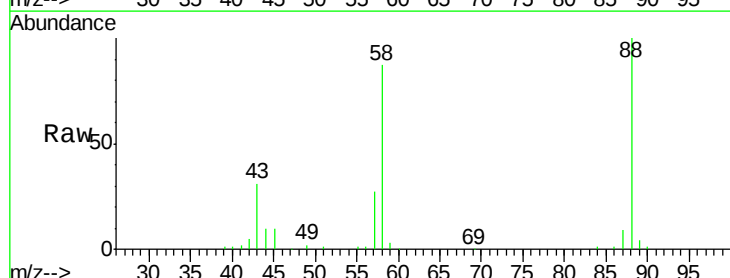
Tgt Ion: 88 Resp: 137249

Ion Ratio Lower Upper

88 100

58 86.9 57.8 86.8#

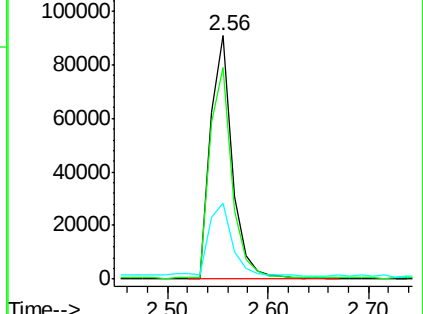
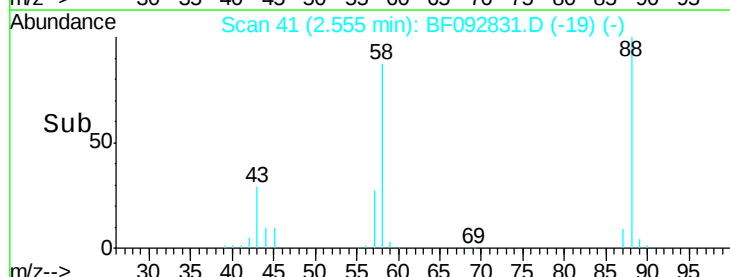
43 33.9 22.3 33.5#

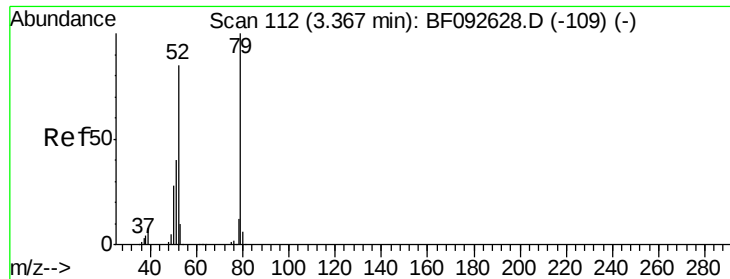


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.60 ng

RT: 3.29 min Scan# 105

Delta R.T. -0.08 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

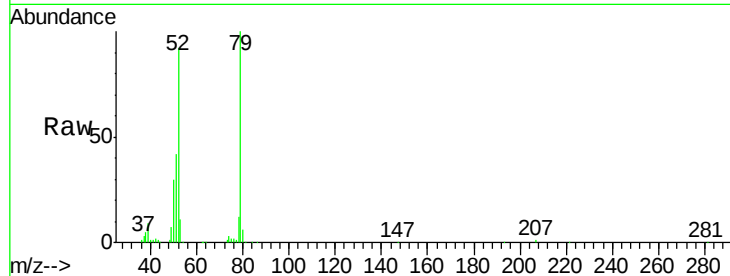
Tgt Ion: 79 Resp: 430929

Ion Ratio Lower Upper

79 100

52 91.7 57.1 85.7#

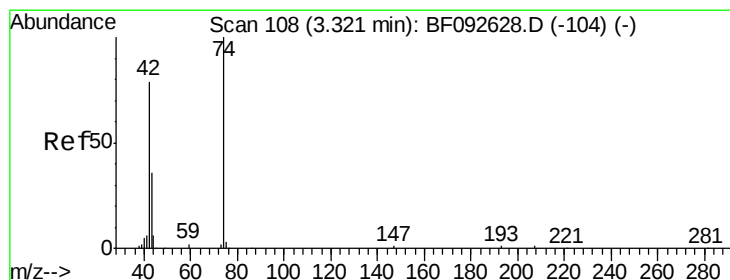
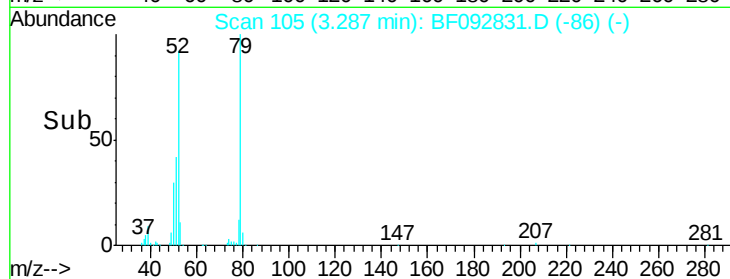
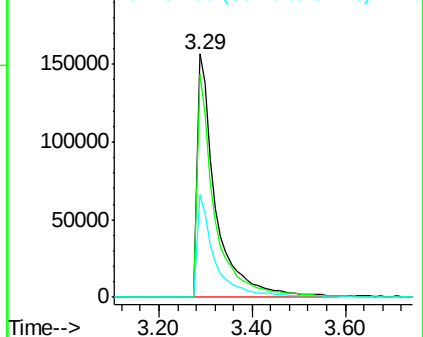
51 42.2 27.3 40.9#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.40 ng

RT: 3.24 min Scan# 101

Delta R.T. -0.08 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

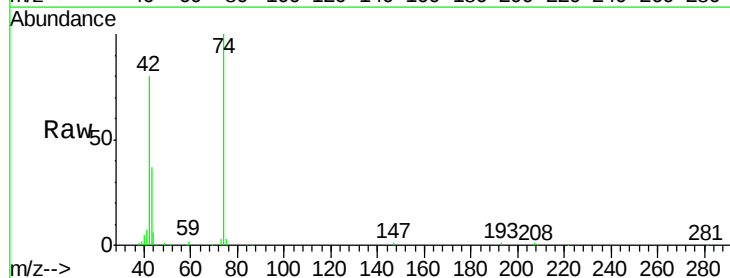
Tgt Ion: 42 Resp: 214247

Ion Ratio Lower Upper

42 100

74 124.9 117.0 175.4

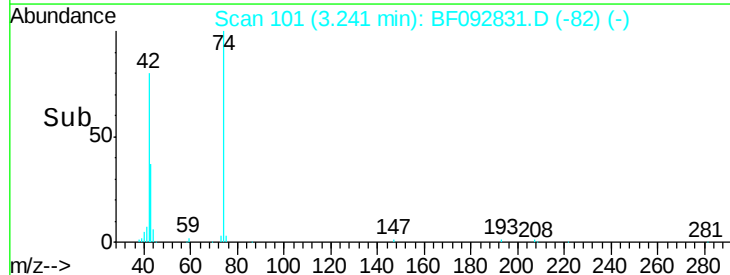
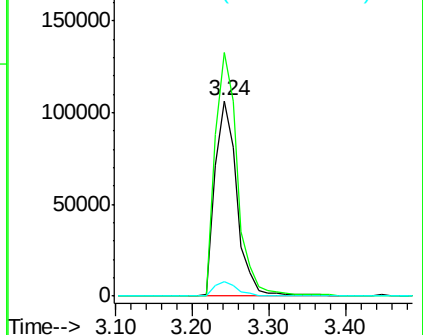
44 7.7 5.5 8.3

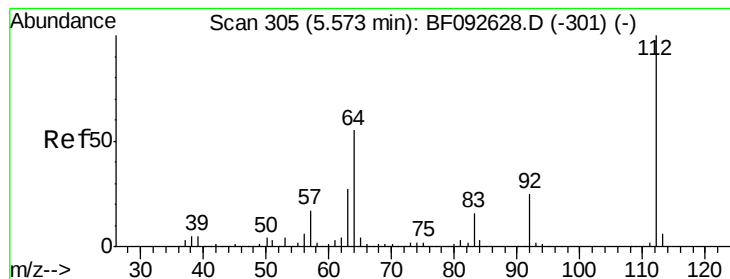


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

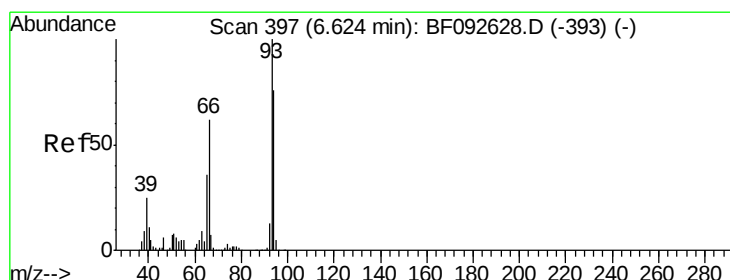
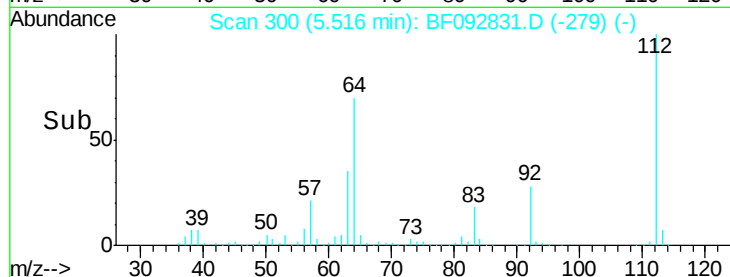
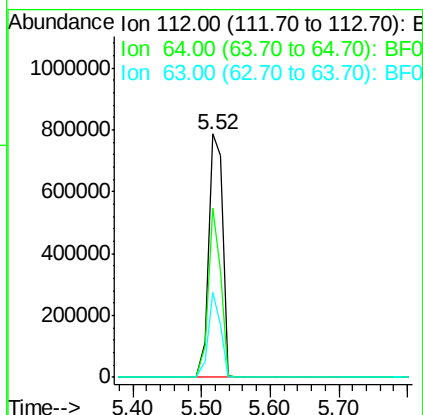
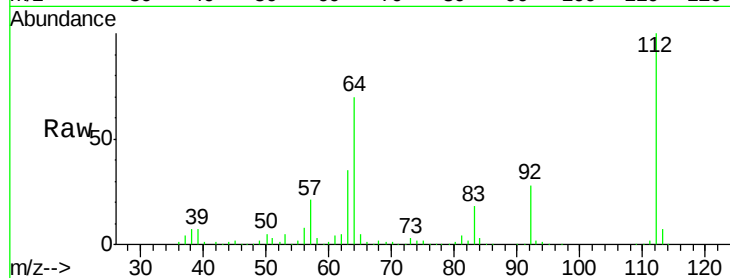




#5
 2-Fluorophenol
 Concen: 109.19 ng
 RT: 5.52 min Scan# 300
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

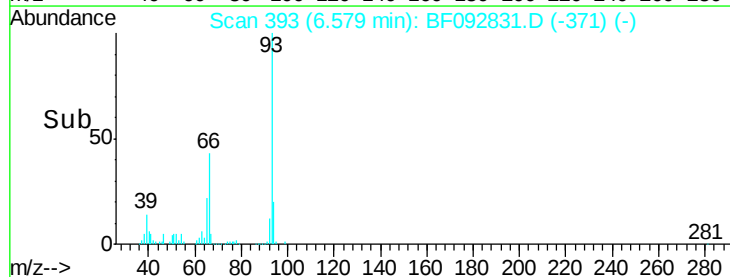
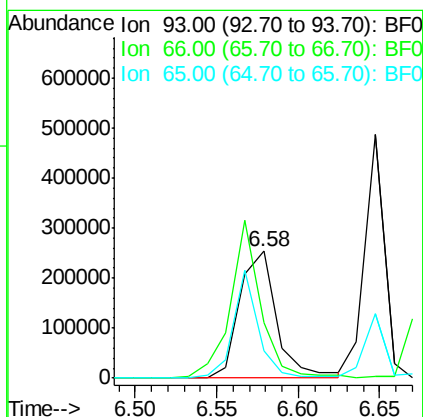
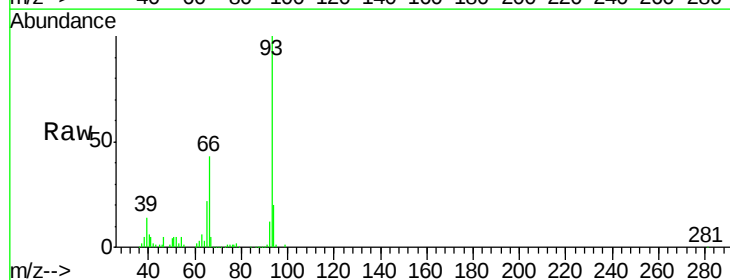
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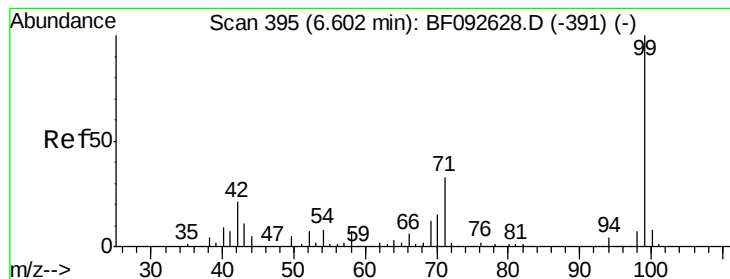
Tgt Ion: 112 Resp: 1119230
 Ion Ratio Lower Upper
 112 100
 64 69.7 46.1 69.1#
 63 34.7 23.8 35.6



#6
 Aniline
 Concen: 22.44 ng
 RT: 6.58 min Scan# 393
 Delta R.T. -0.05 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion: 93 Resp: 403619
 Ion Ratio Lower Upper
 93 100
 66 43.4 76.2 114.2#
 65 21.7 49.3 73.9#





#7

Phenol-d6

Concen: 99.35 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

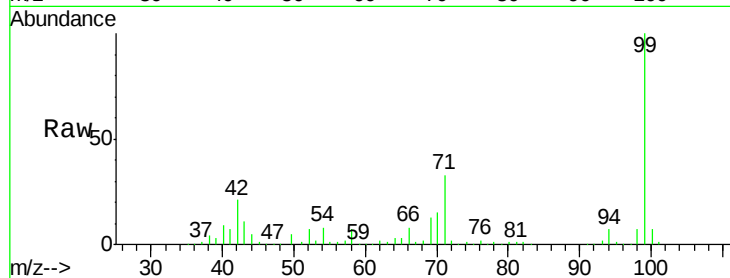
Tgt Ion: 99 Resp: 1310266

Ion Ratio Lower Upper

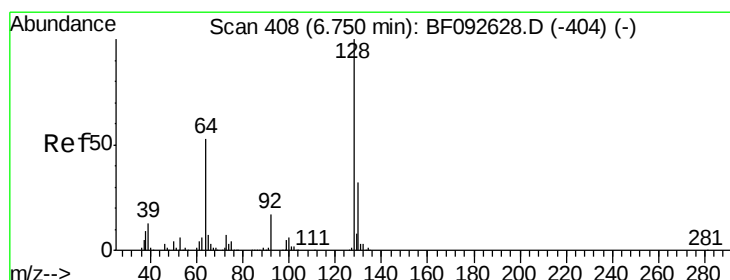
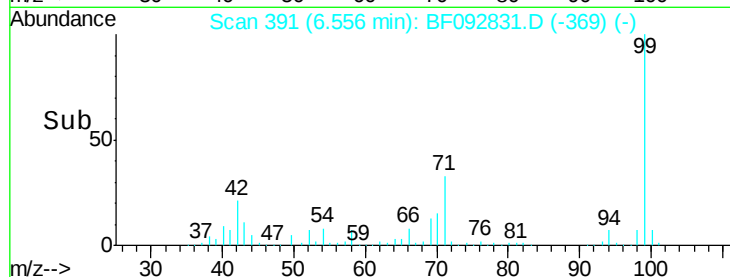
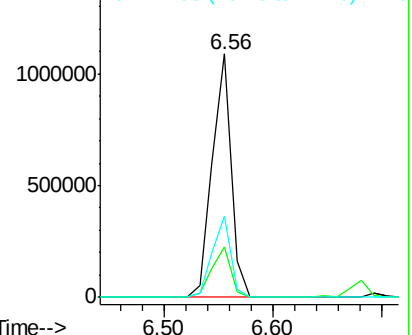
99 100

42 20.5 15.6 23.4

71 33.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.51 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

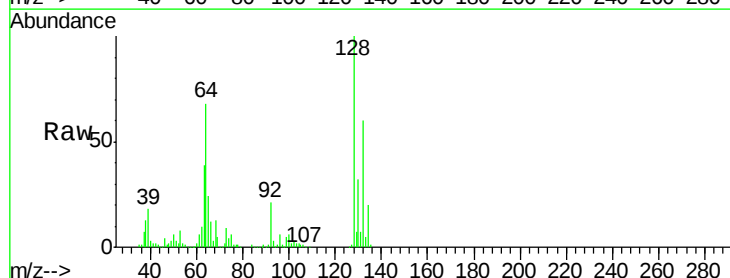
Tgt Ion: 128 Resp: 378946

Ion Ratio Lower Upper

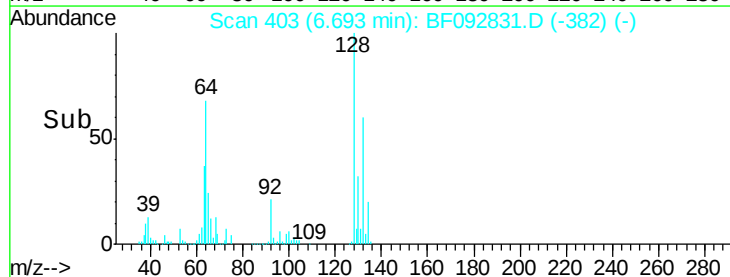
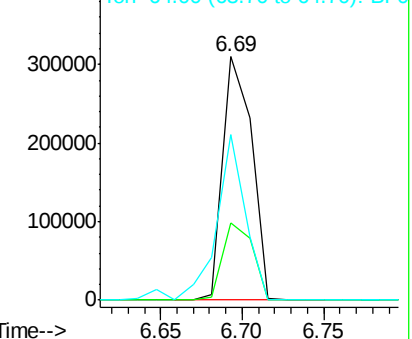
128 100

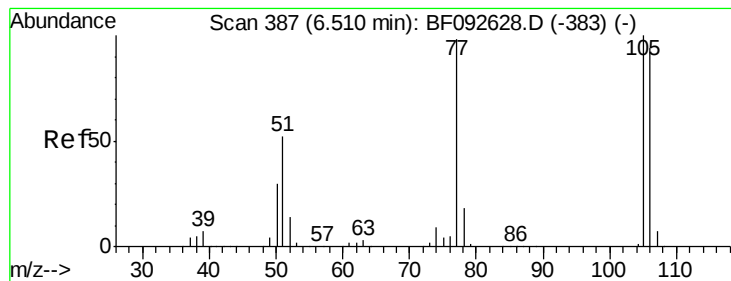
130 31.6 12.3 52.3

64 67.8 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: 17.40 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

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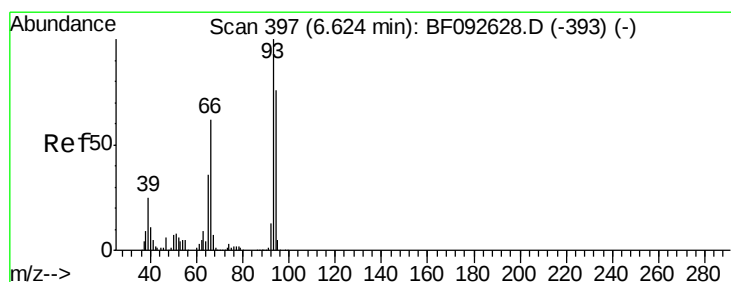
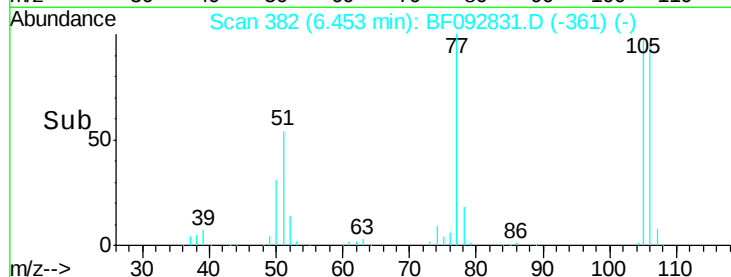
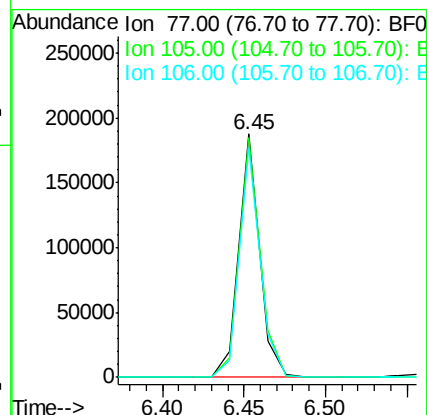
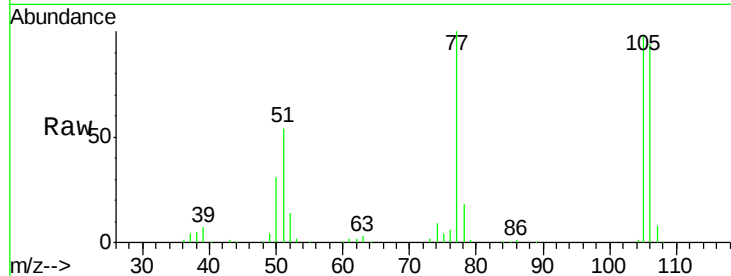
Tgt Ion: 77 Resp: 164372

Ion Ratio Lower Upper

77 100

105 98.2 83.9 123.9

106 94.3 77.6 117.6



#10

Phenol

Concen: 32.48 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

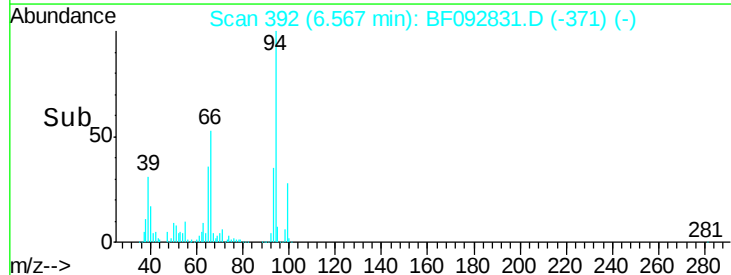
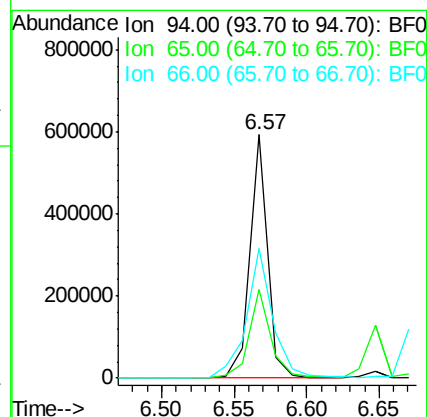
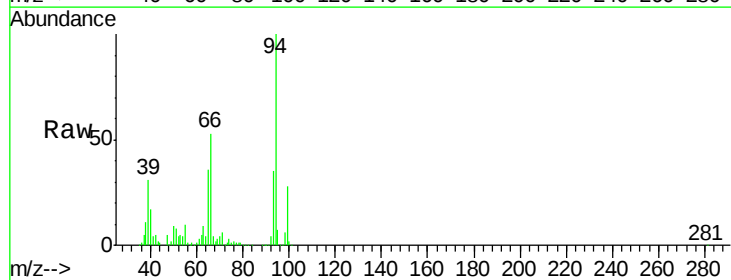
Tgt Ion: 94 Resp: 501131

Ion Ratio Lower Upper

94 100

65 36.4 21.4 61.4

66 53.2 44.0 84.0

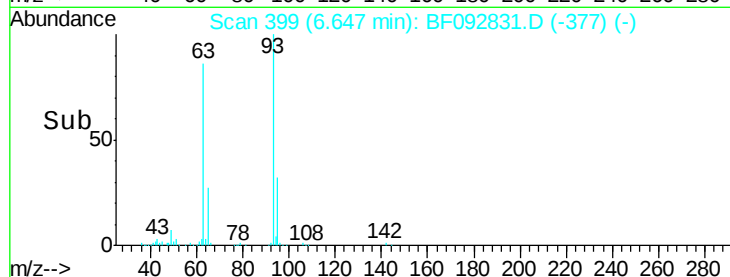
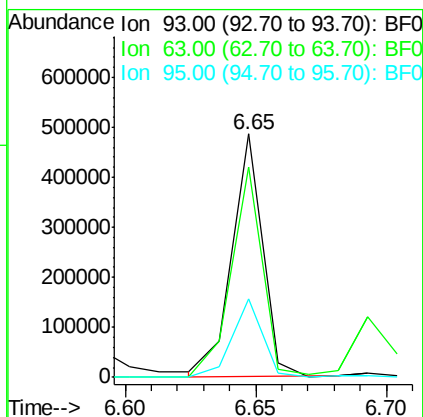
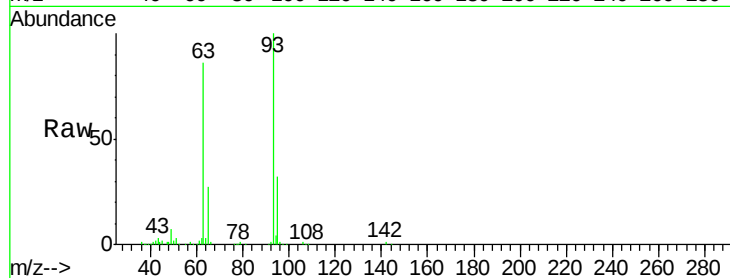




#11
bis(2-Chloroethyl)ether
Concen: 32.41 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.05 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

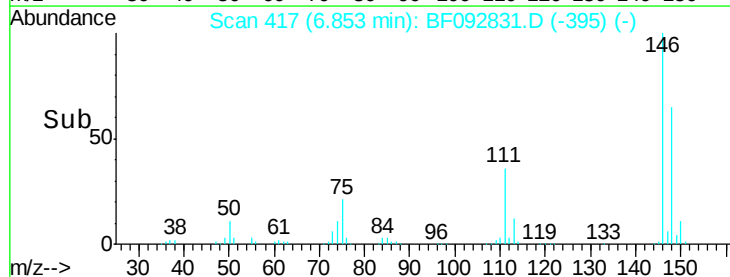
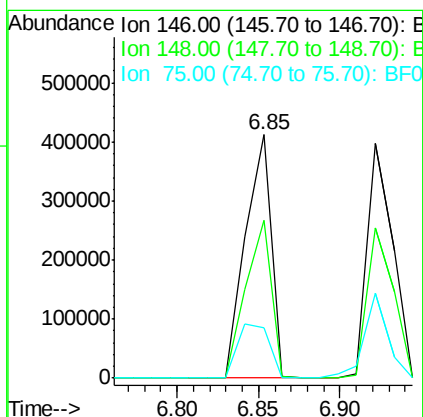
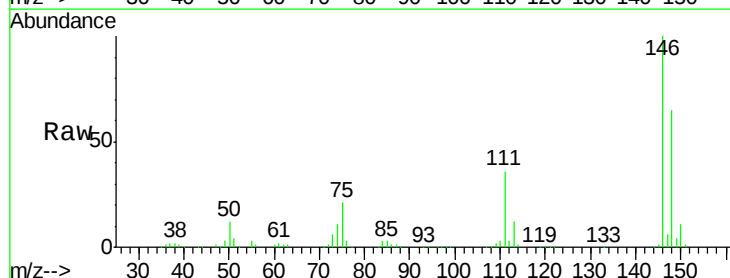
Instrument :
BNA_F
ClientSampleId :
PB96775BS

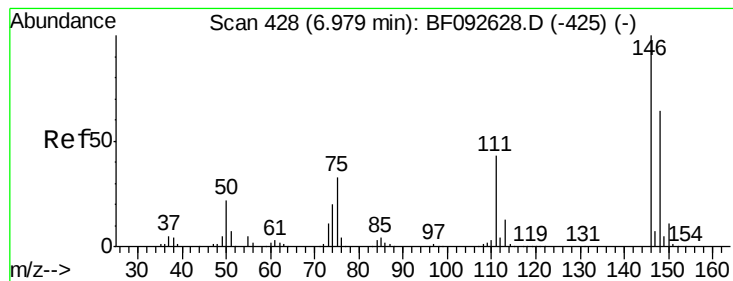
Tgt Ion: 93 Resp: 399169
Ion Ratio Lower Upper
93 100
63 86.3 60.4 100.4
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 34.12 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion: 146 Resp: 451894
Ion Ratio Lower Upper
146 100
148 64.8 53.4 80.0
75 20.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 31.82 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

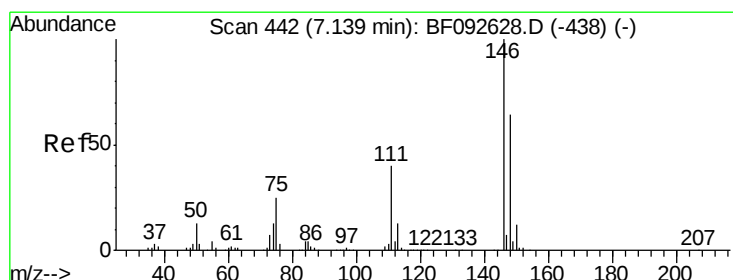
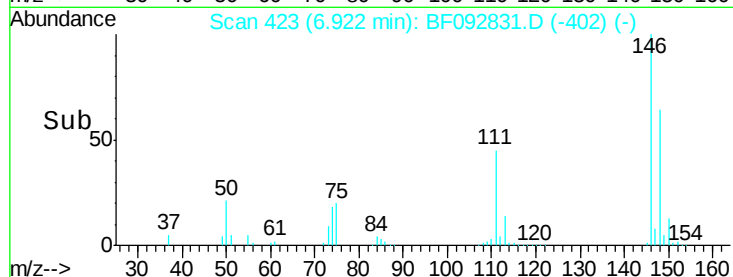
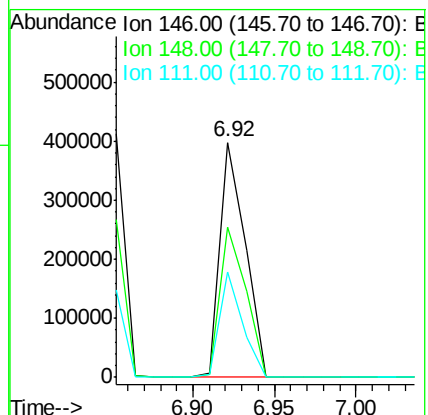
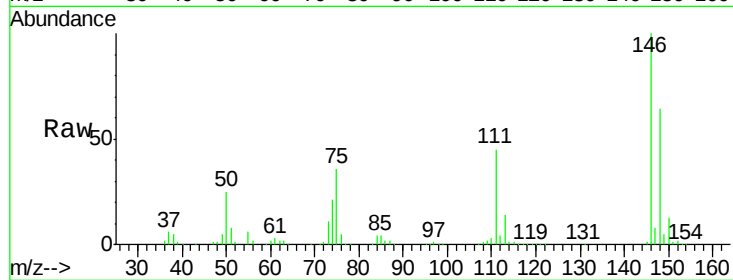
Tgt Ion:146 Resp: 426551

Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

111 44.9 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 34.64 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

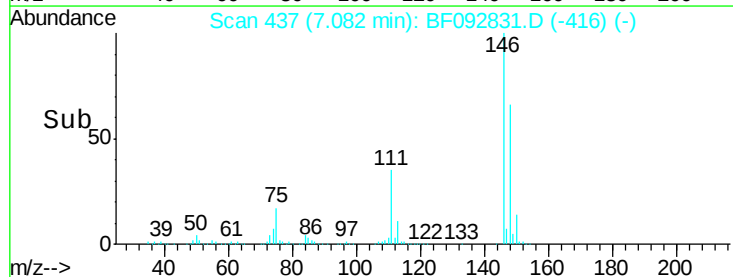
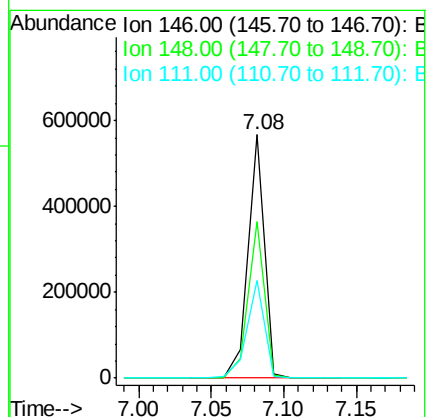
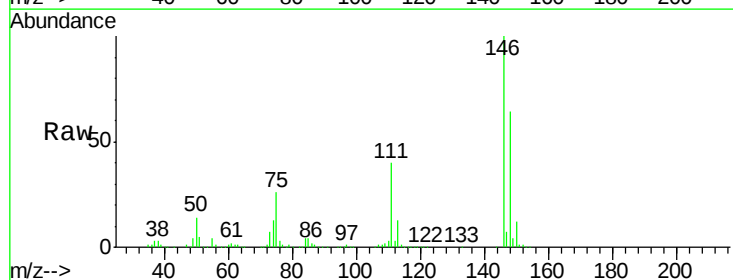
Tgt Ion:146 Resp: 443970

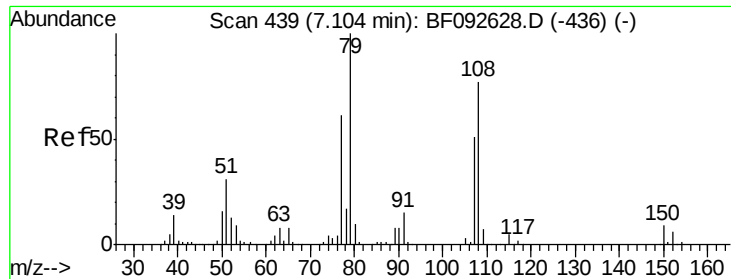
Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 40.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 36.30 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

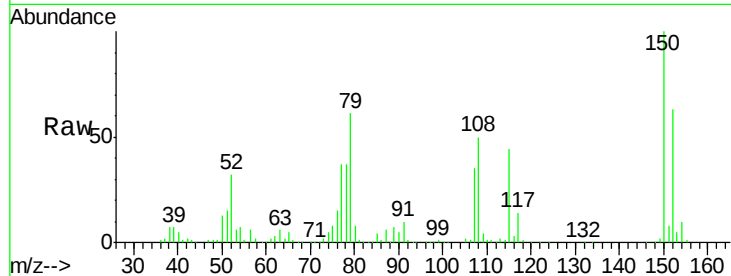
Tgt Ion: 79 Resp: 354445

Ion Ratio Lower Upper

79 100

108 82.5 61.4 92.0

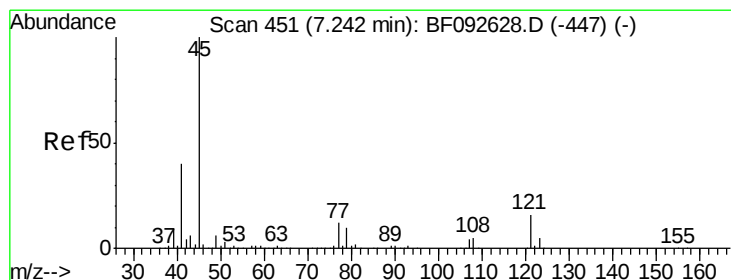
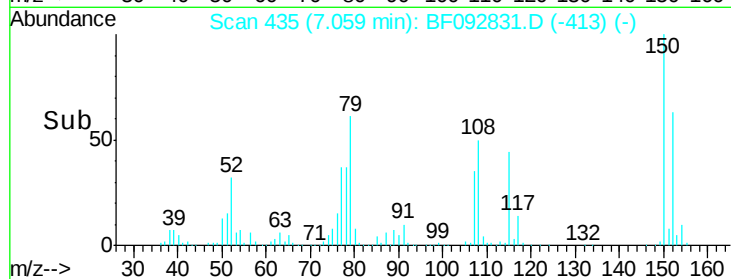
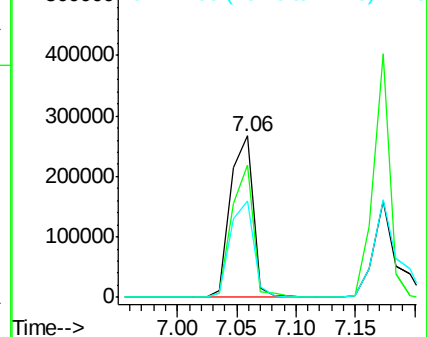
77 60.2 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.86 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

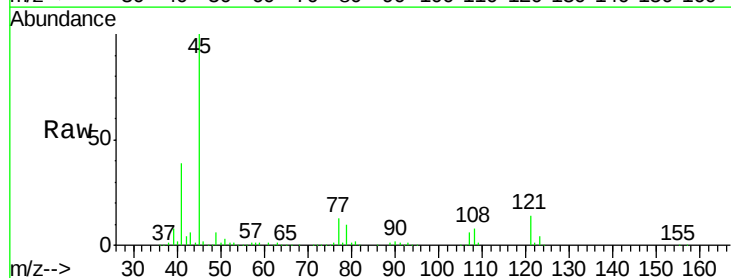
Tgt Ion: 45 Resp: 681793

Ion Ratio Lower Upper

45 100

77 12.6 0.0 34.6

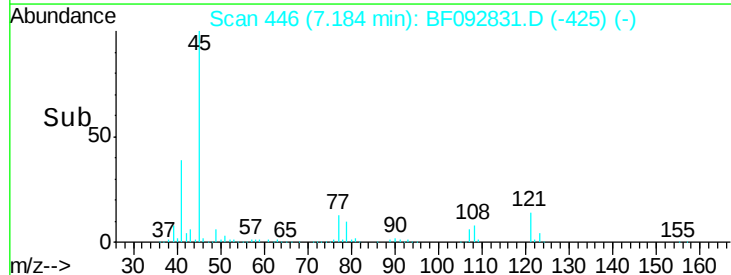
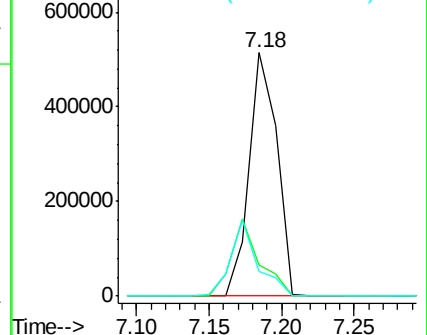
79 10.1 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

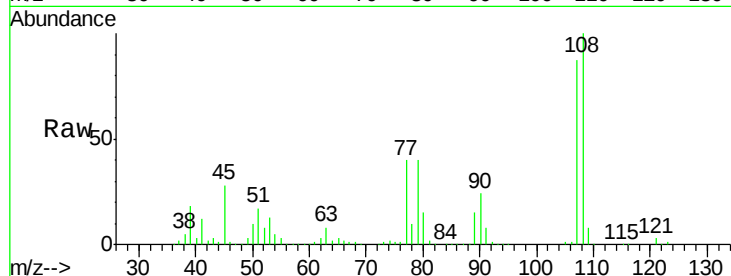




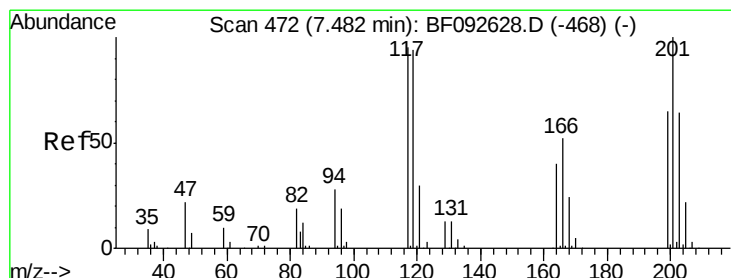
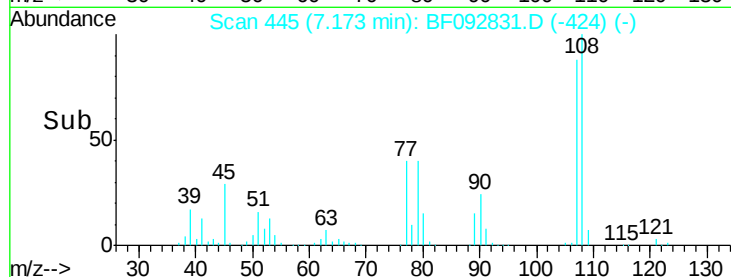
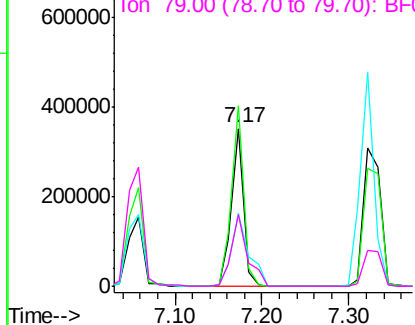
#17
 2-Methylphenol
 Concen: 35.22 ng
 RT: 7.17 min Scan# 445
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tgt Ion:	107	Resp:	341662
Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.0	139.6
77	46.0	39.8	59.8
79	45.5	38.0	57.0

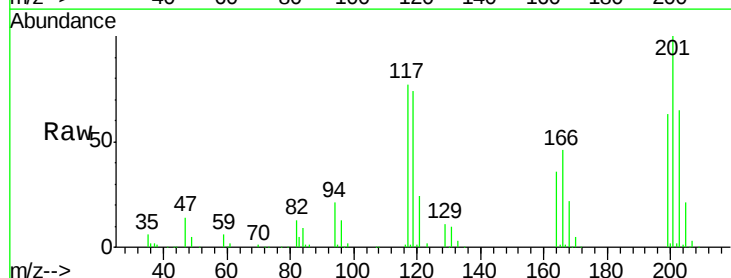


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

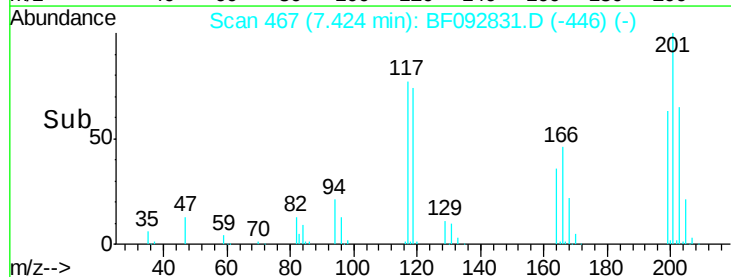
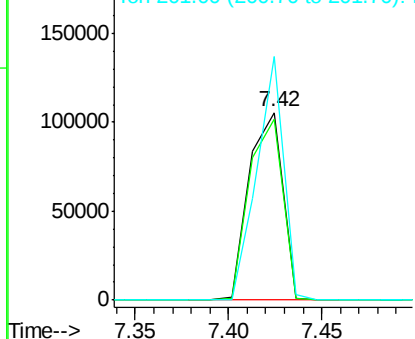


#18
 Hexachloroethane
 Concen: 28.82 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion:	117	Resp:	131888
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.1	117.1
201	129.6	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

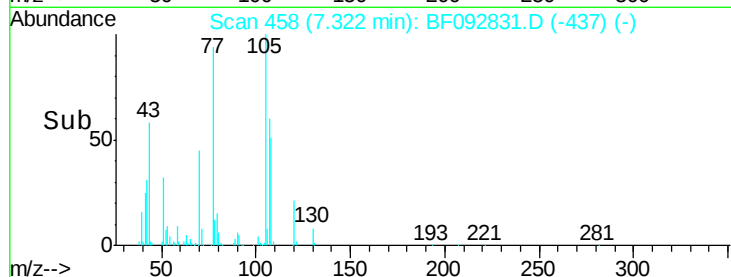
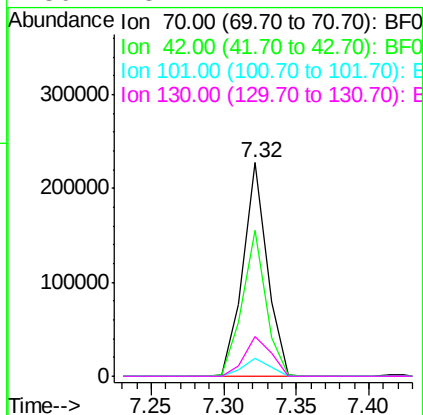
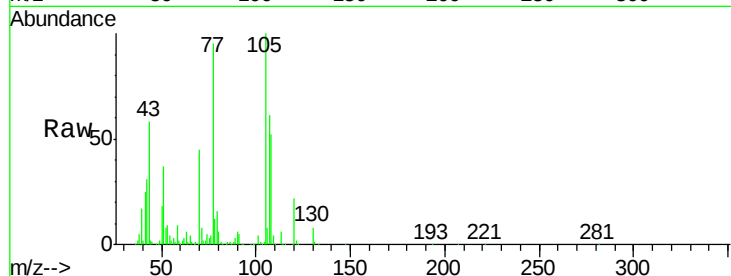




#19
n-Nitroso-di-n-propylamine
Concen: 31.55 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

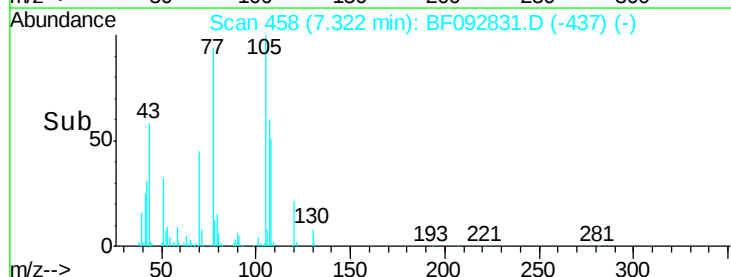
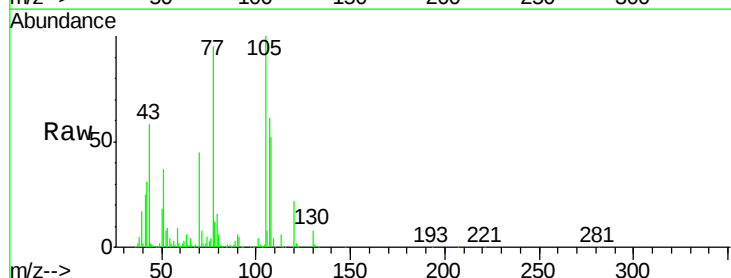
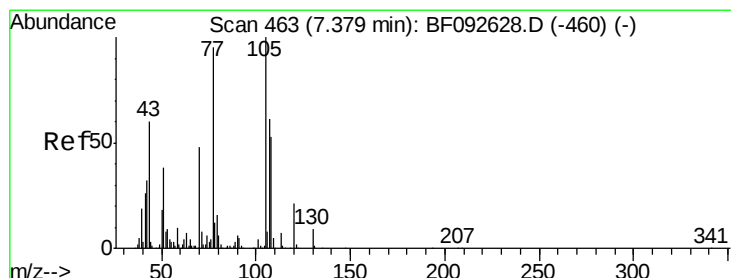
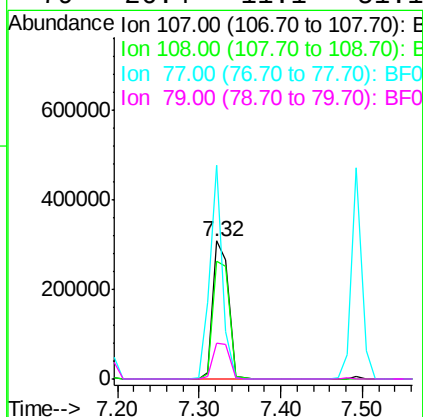
Instrument :
BNA_F
ClientSampleId :
PB96775BS

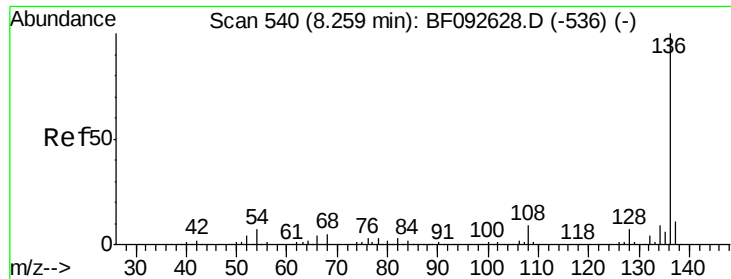
Tgt Ion: 70 Resp: 264834
Ion Ratio Lower Upper
70 100
42 68.5 49.4 74.0
101 8.6 7.4 11.2
130 18.7 14.2 21.4



#20
3+4-Methylphenols
Concen: 35.61 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion: 107 Resp: 413022
Ion Ratio Lower Upper
107 100
108 85.0 73.0 113.0
77 154.8 71.3 111.3#
79 26.4 11.1 51.1

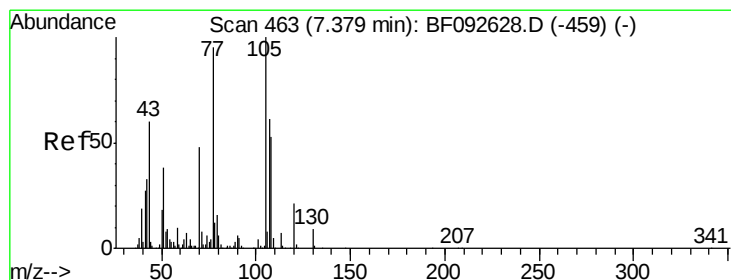
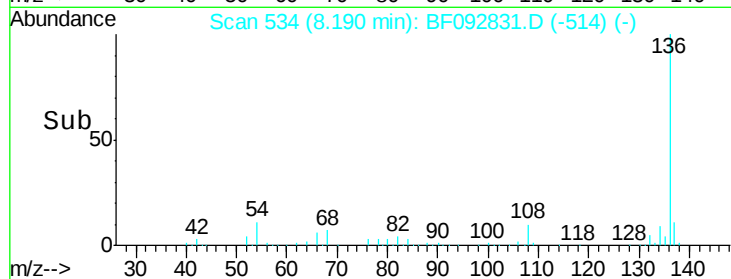
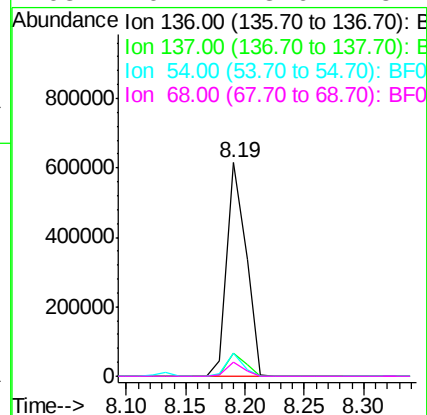
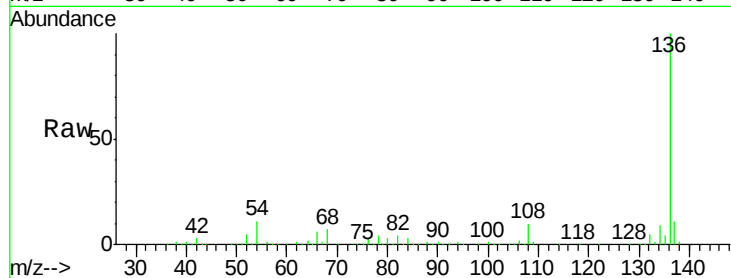




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

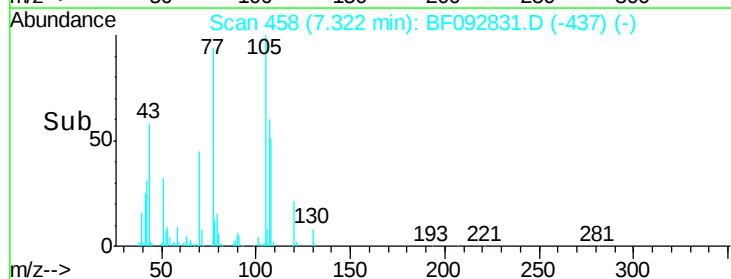
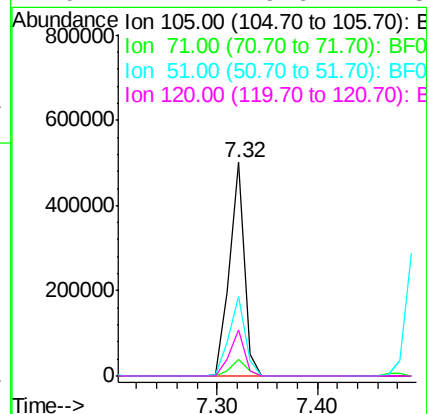
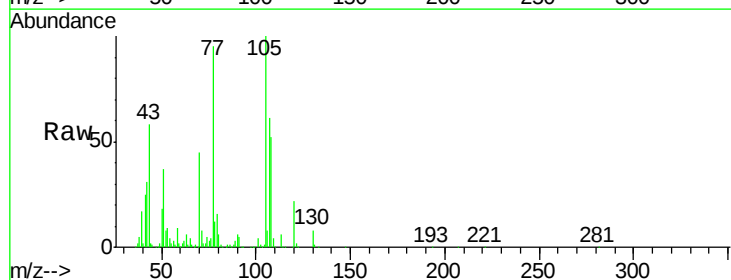
Instrument :
BNA_F
ClientSampleId :
PB96775BS

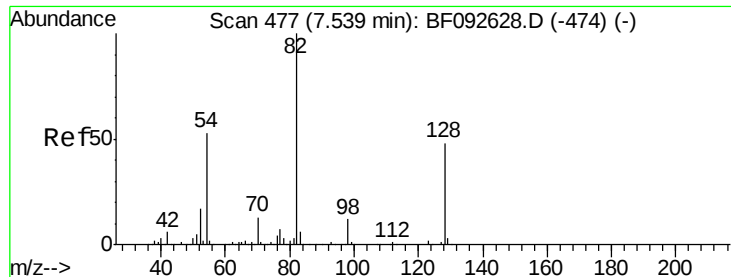
Tgt Ion:	136	Resp:	685465
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.0	4.5	6.7#
68	6.7	3.6	5.4#



#22
Acetophenone
Concen: 33.17 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion:	105	Resp:	519153
Ion	Ratio	Lower	Upper
105	100		
71	7.8	3.2	4.8#
51	37.4	26.2	39.4
120	21.7	16.6	24.8

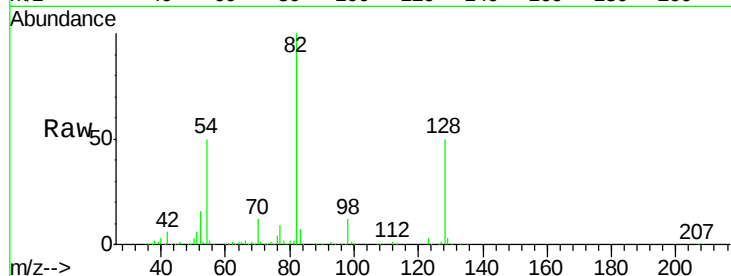




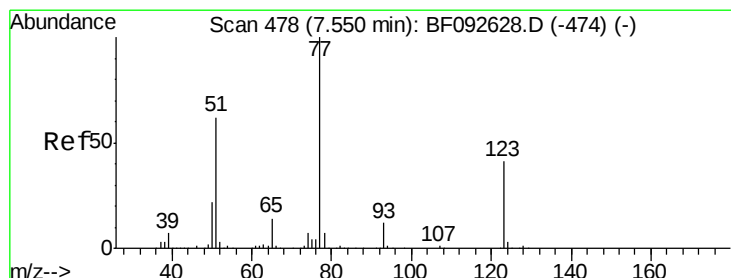
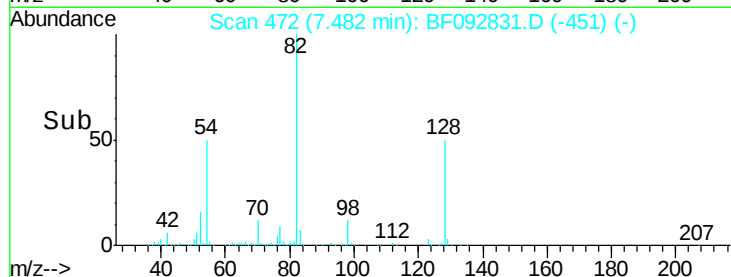
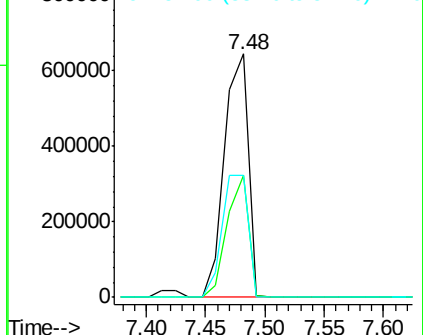
#23
 Nitrobenzene-d5
 Concen: 72.80 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.9	34.6	52.0
54	50.4	39.5	59.3

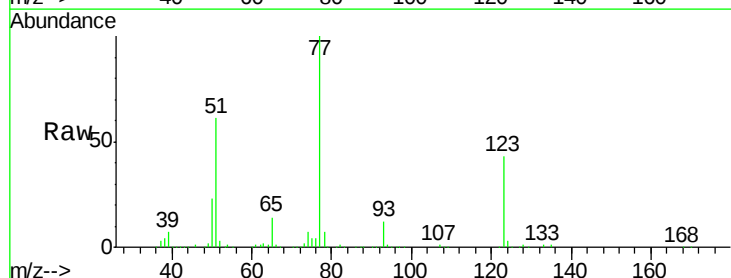


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

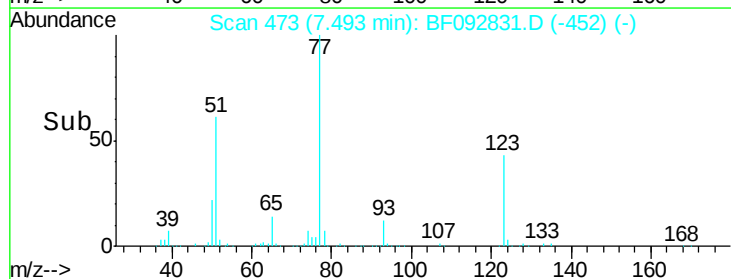
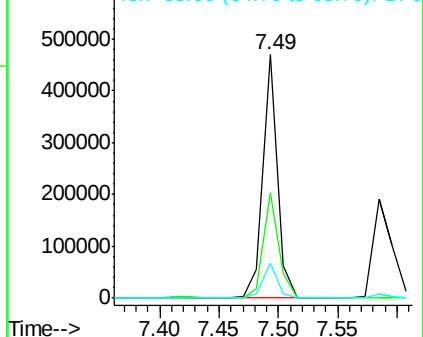


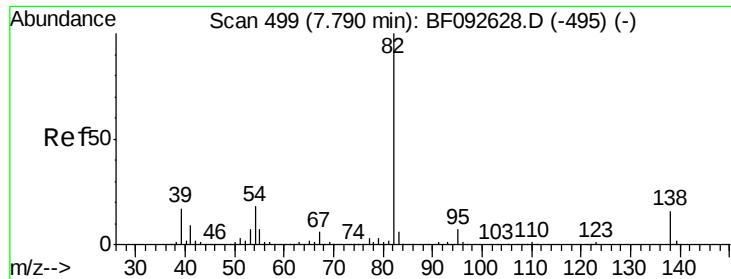
#24
 Nitrobenzene
 Concen: 32.06 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	33.0	49.4
65	14.3	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

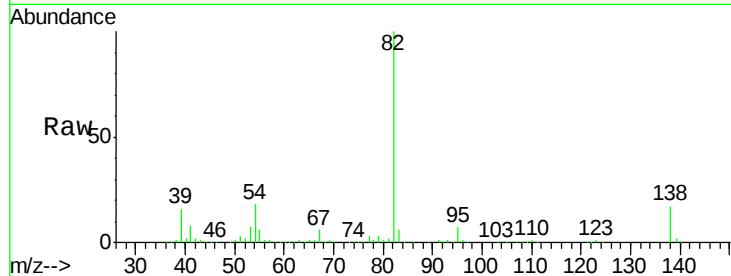




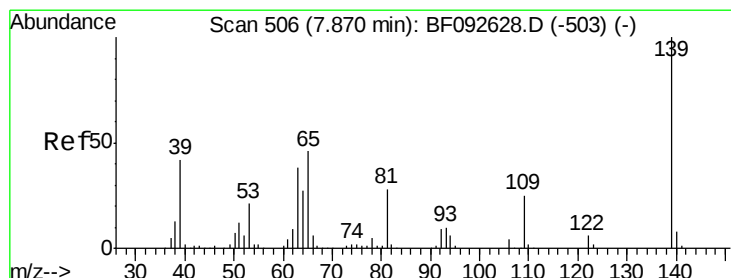
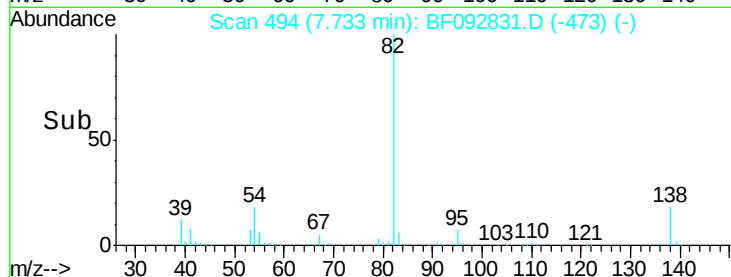
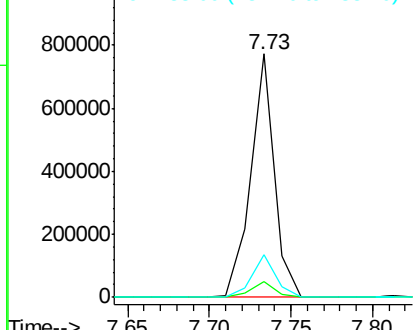
#25
Isophorone
Concen: 33.66 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tgt Ion: 82 Resp: 772161
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 17.4 14.6 22.0

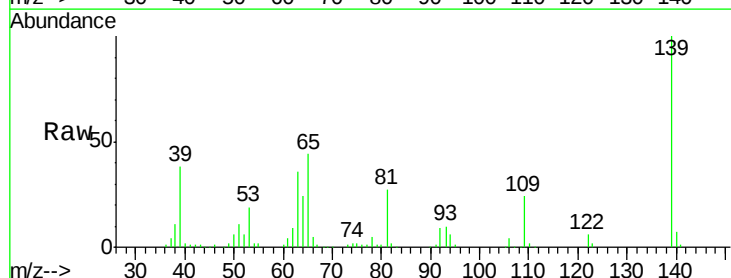


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

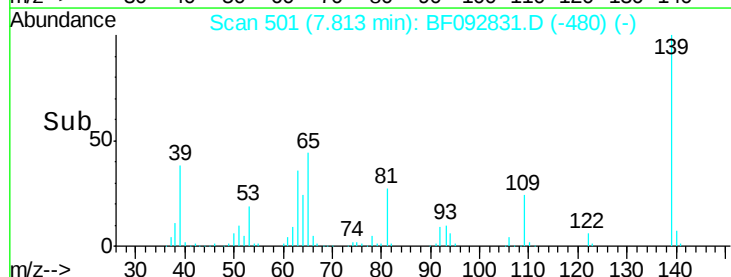
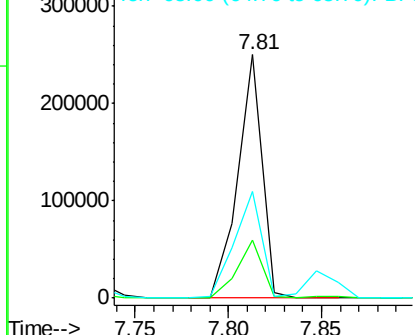


#26
2-Nitrophenol
Concen: 38.14 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion: 139 Resp: 229135
Ion Ratio Lower Upper
139 100
109 23.7 23.3 34.9
65 43.6 42.7 64.1



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

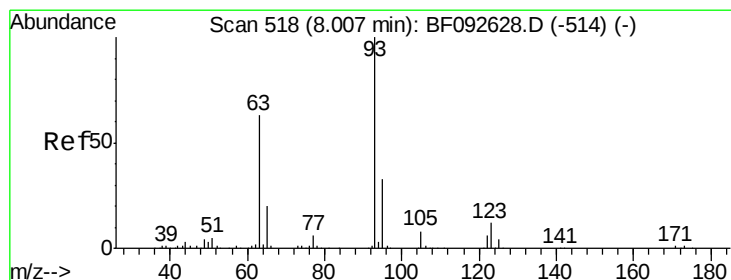
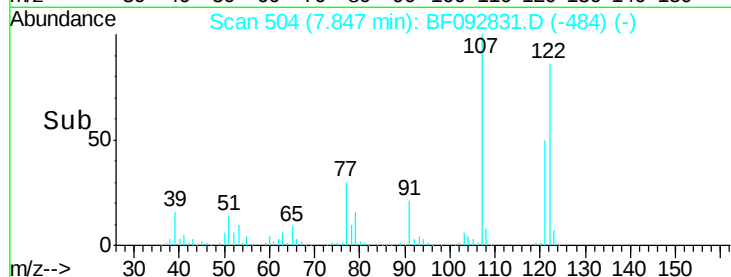
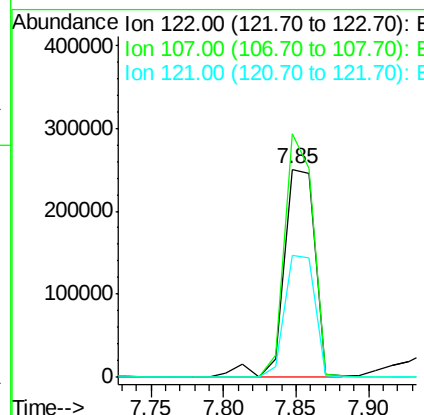
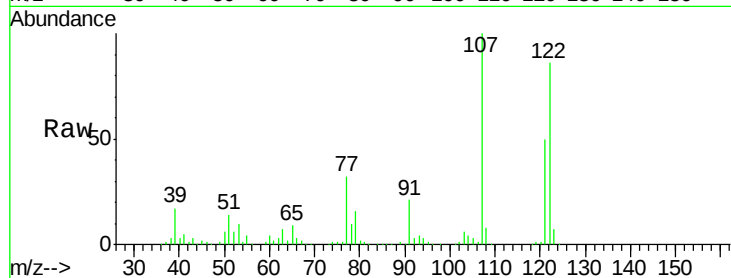




#27
 2,4-Dimethylphenol
 Concen: 35.49 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.07 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

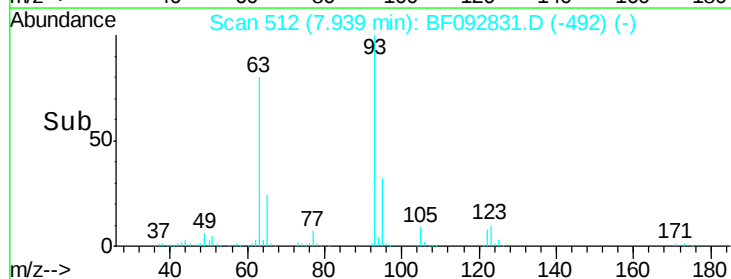
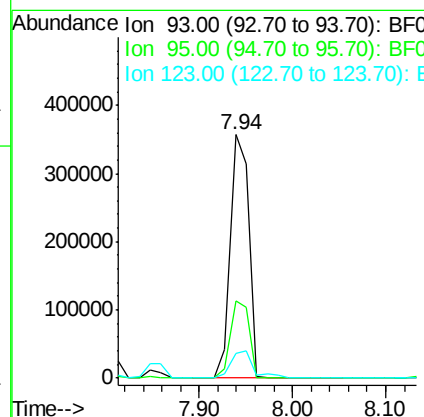
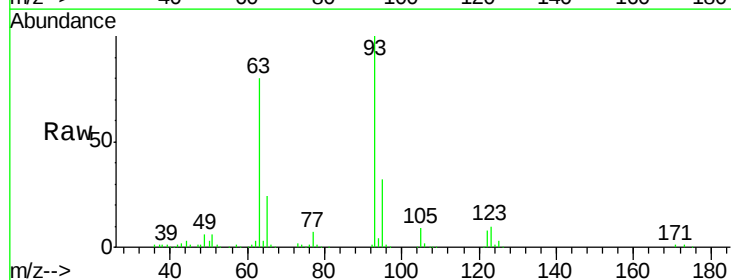
Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

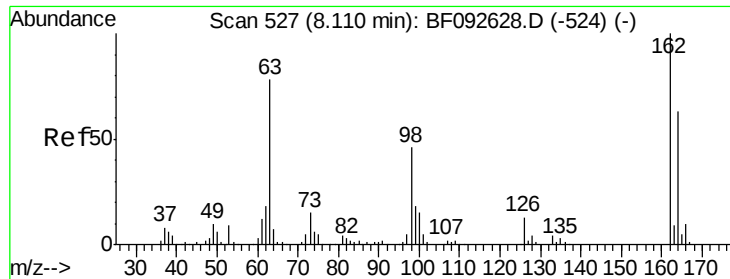
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.9	94.1	141.1
121	58.5	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.54 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.07 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.5	39.7
123	10.1	8.6	13.0

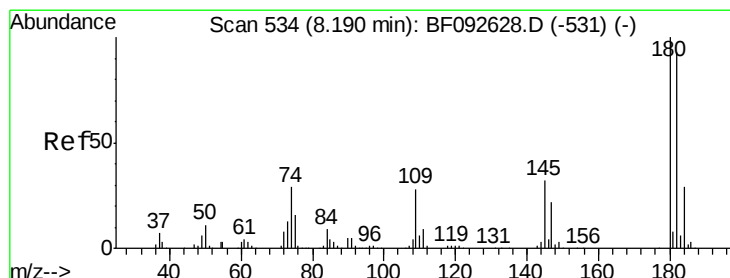
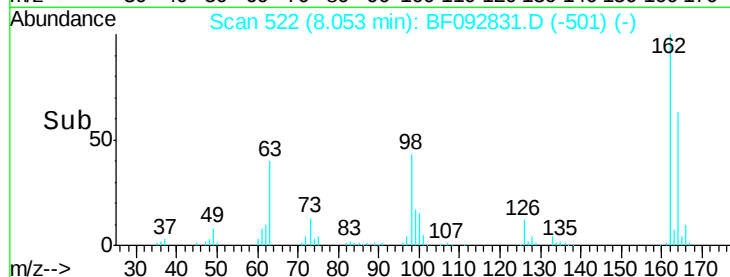
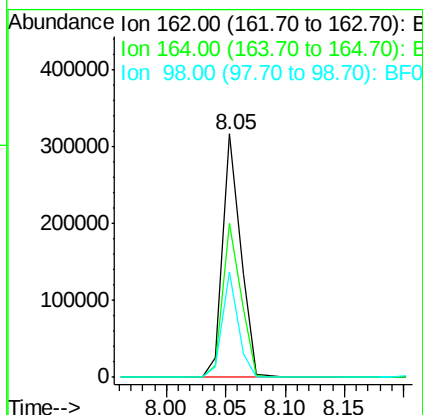
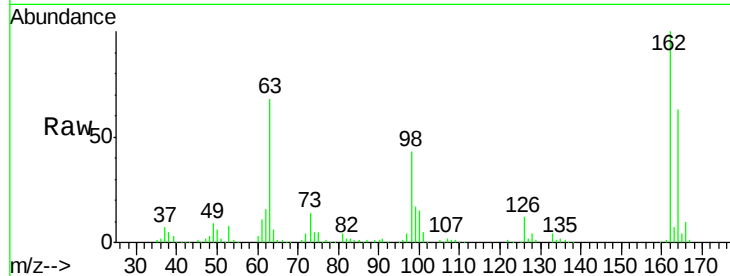




#29
 2,4-Dichlorophenol
 Concen: 33.72 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

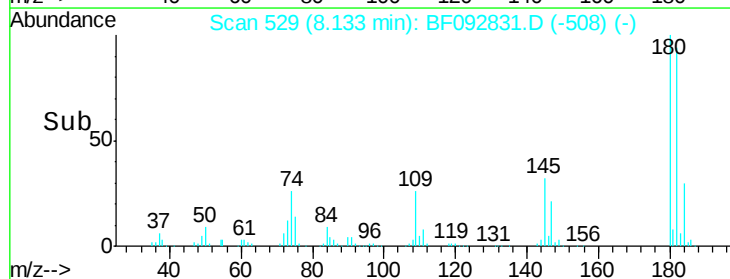
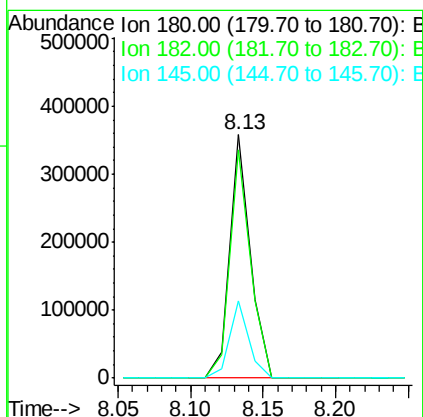
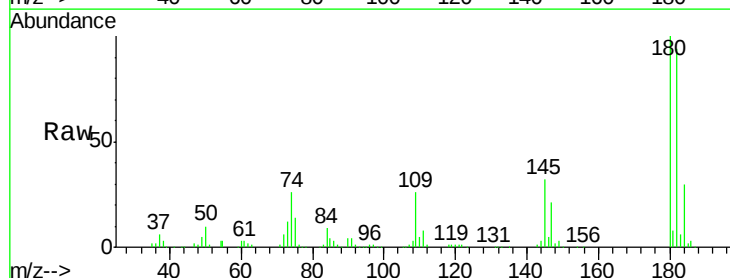
Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	46.8	86.8
98	43.0	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.14 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.2	117.4
145	31.8	21.6	32.4





#31

Naphthalene

Concen: 30.72 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.07 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

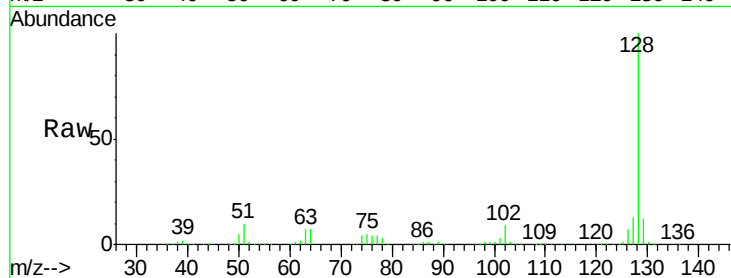
Tgt Ion:128 Resp: 1067465

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

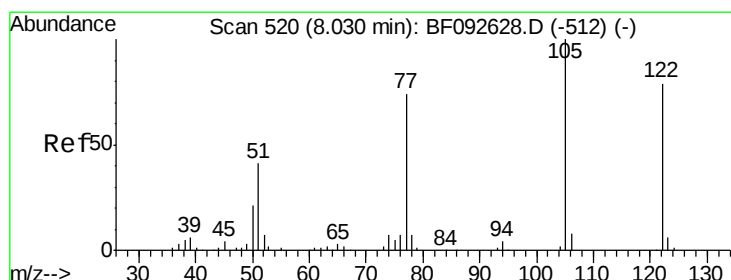
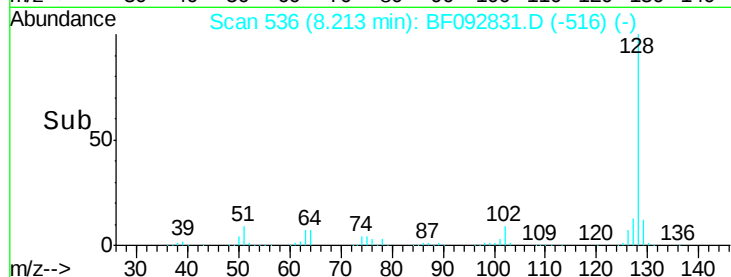
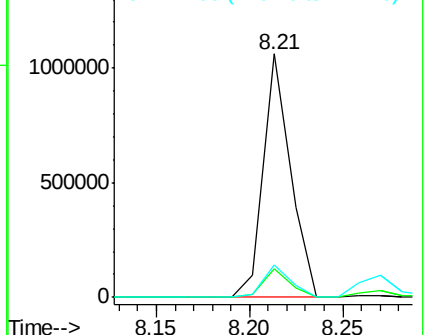
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.66 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

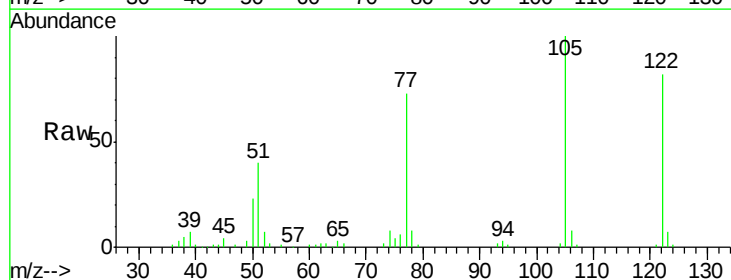
Tgt Ion:122 Resp: 207262

Ion Ratio Lower Upper

122 100

105 121.4 107.2 147.2

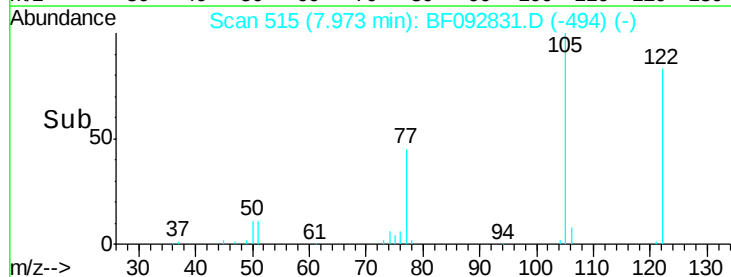
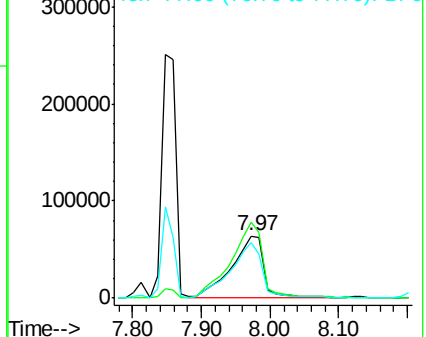
77 89.0 74.5 114.5

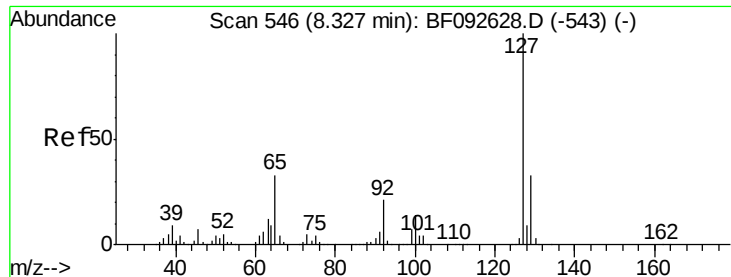


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

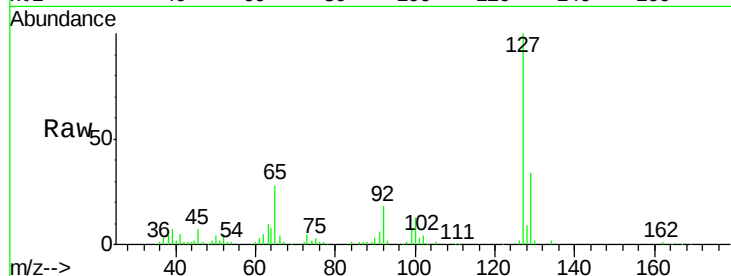




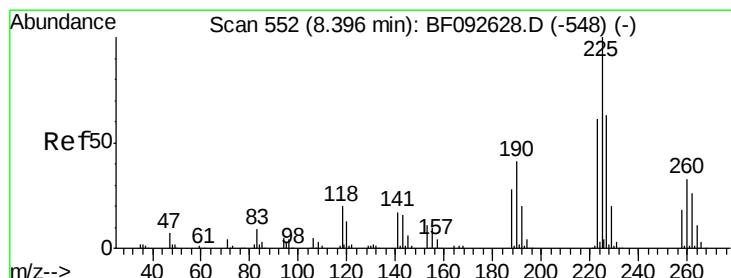
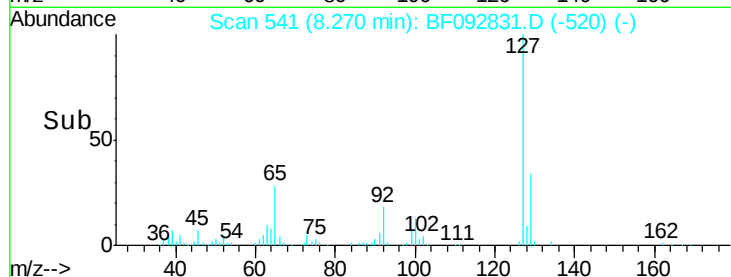
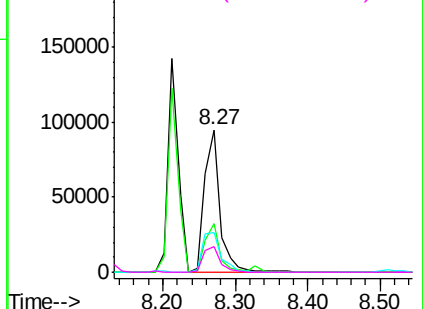
#33
 4-Chloroaniline
 Concen: 10.36 ng
 RT: 8.27 min Scan# 541
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tgt Ion:	127	Resp:	141173
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.3	39.5
65	27.6	25.8	38.8
92	18.1	16.1	24.1

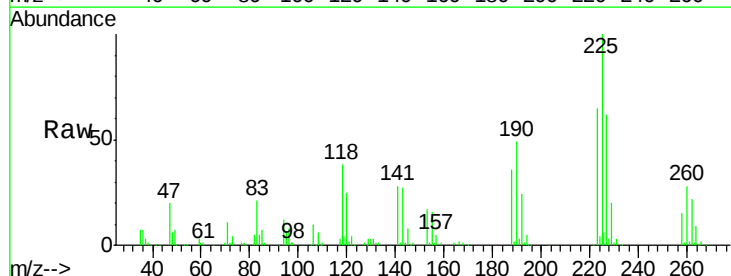


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

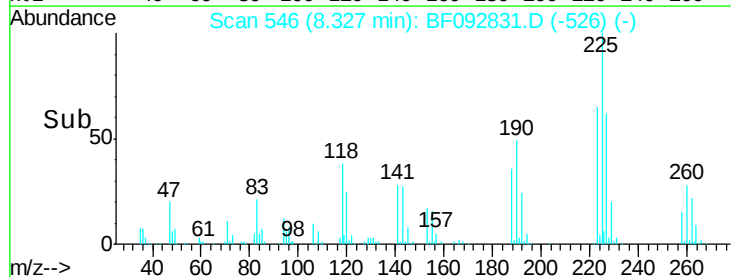
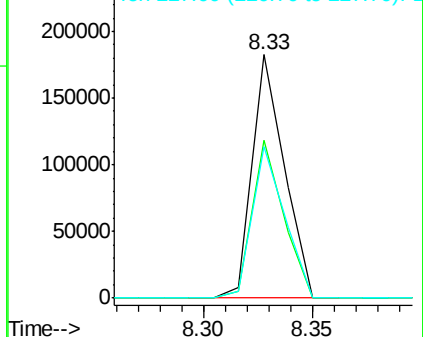


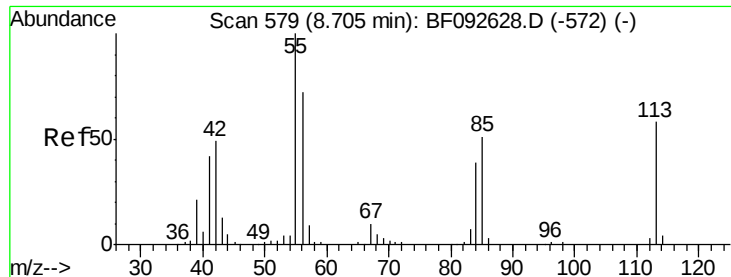
#34
 Hexachlorobutadiene
 Concen: 32.09 ng
 RT: 8.33 min Scan# 546
 Delta R.T. -0.07 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion:	225	Resp:	187264
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.0	76.6
227	62.0	50.6	76.0



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

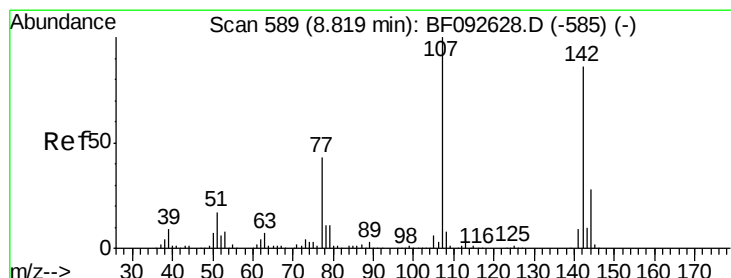
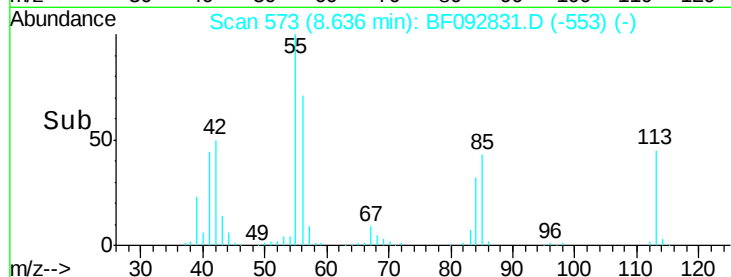
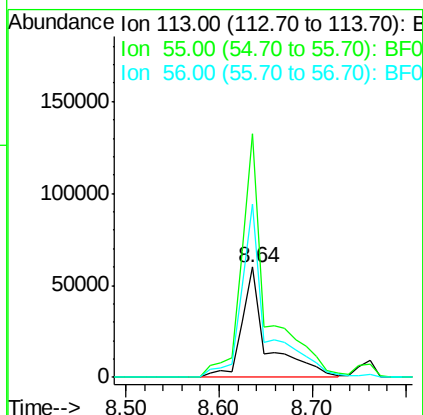
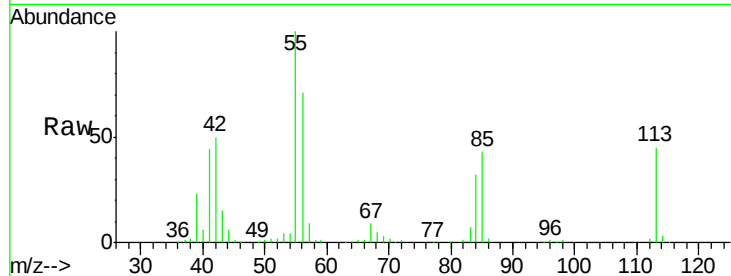




#35
 Caprolactam
 Concen: 36.60 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.07 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

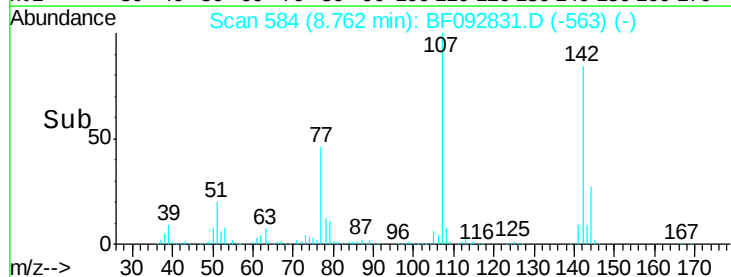
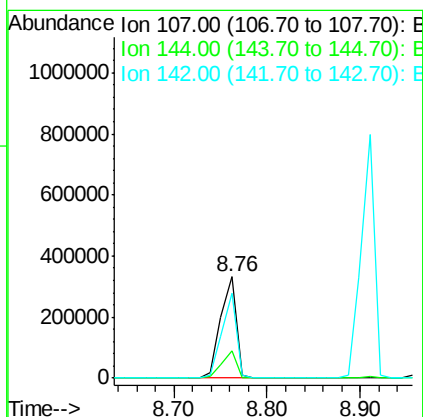
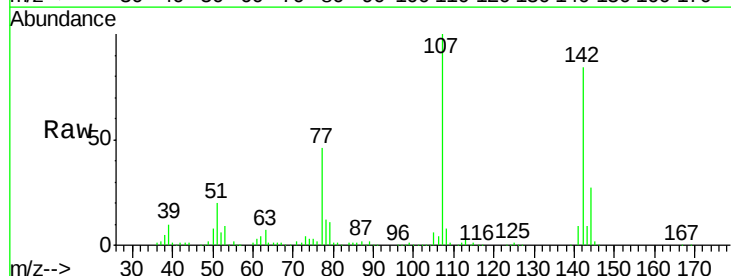
Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

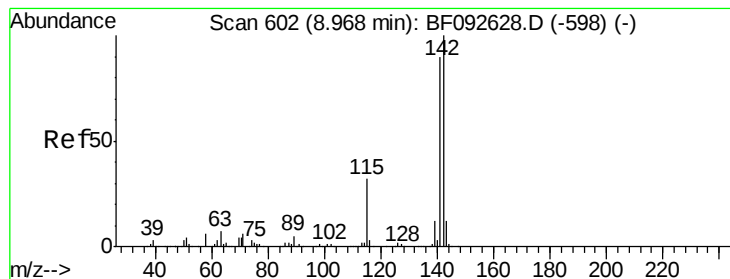
Tgt Ion:113 Resp: 113309
 Ion Ratio Lower Upper
 113 100
 55 221.1 119.2 159.2#
 56 157.8 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 37.48 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion:107 Resp: 384562
 Ion Ratio Lower Upper
 107 100
 144 27.0 19.3 28.9
 142 84.5 59.0 88.6





#37

2-Methylnaphthalene

Concen: 35.46 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

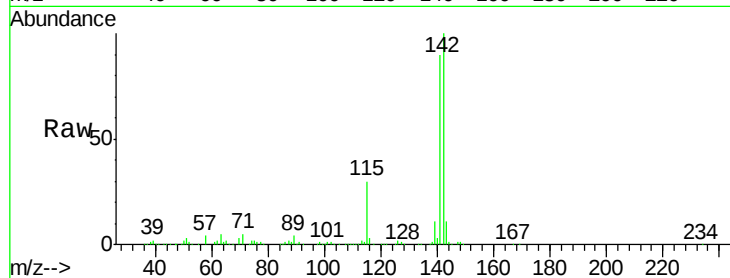
Tgt Ion:142 Resp: 791065

Ion Ratio Lower Upper

142 100

141 90.4 71.0 106.6

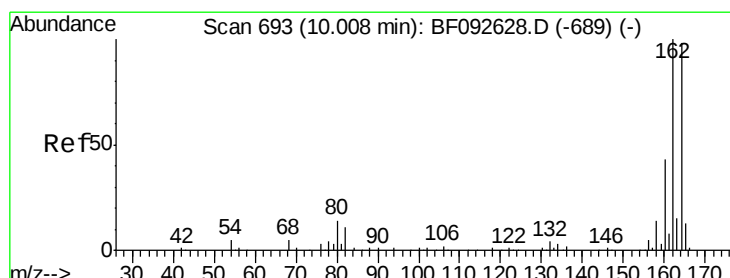
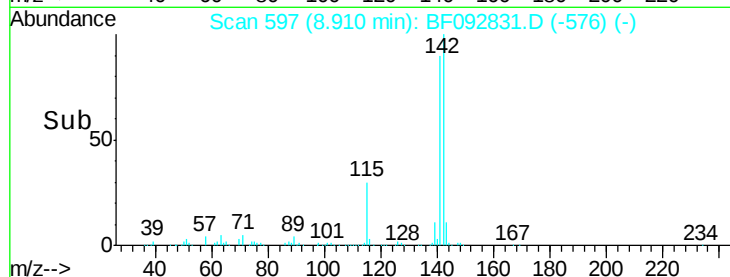
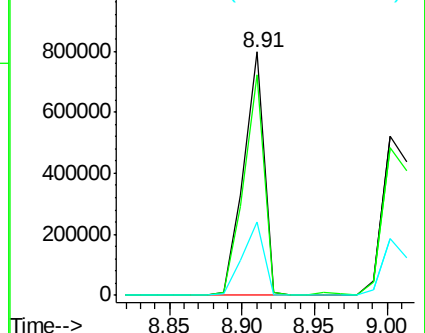
115 30.1 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

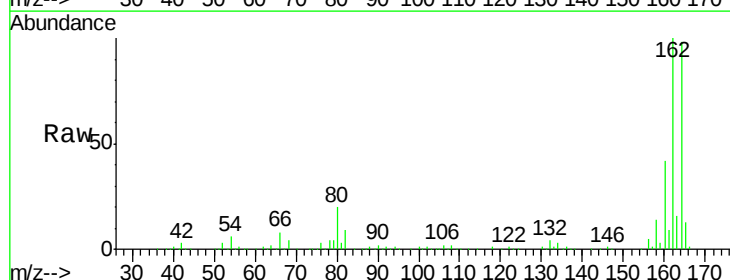
Tgt Ion:164 Resp: 358622

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

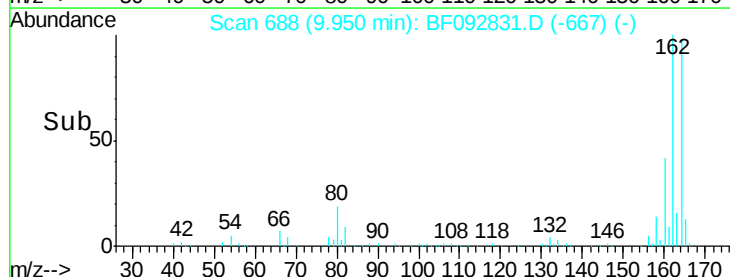
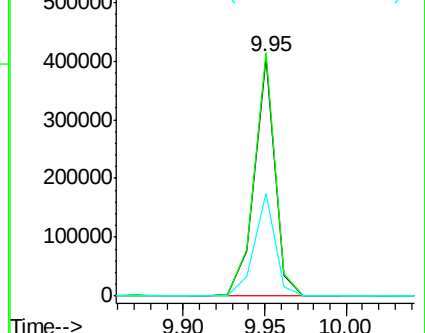
160 43.0 36.9 55.3

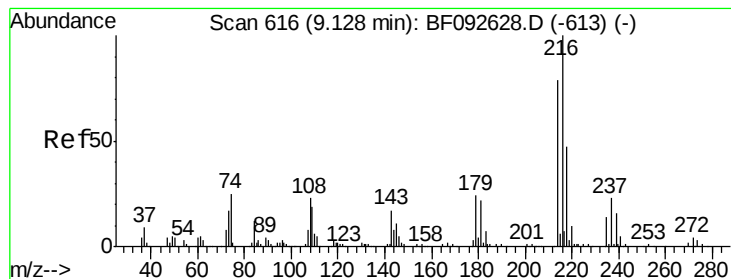


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.11 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

Tgt Ion:216 Resp: 323270

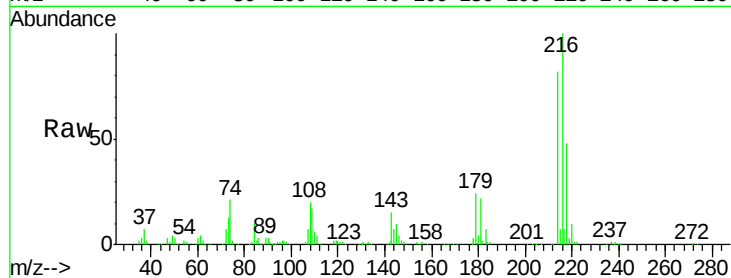
Ion Ratio Lower Upper

216 100

214 80.5 63.4 95.0

179 21.9 17.4 26.2

108 18.3 15.6 23.4

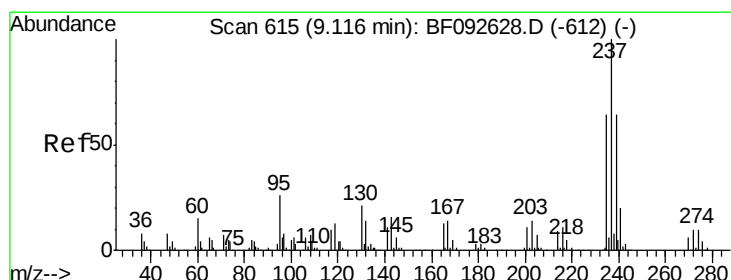
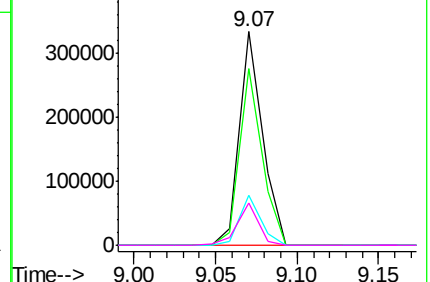
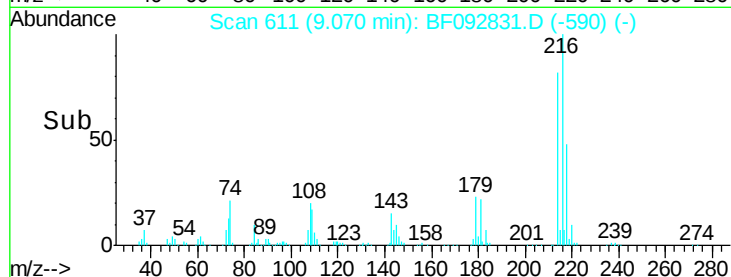


Abundance Ion 216.00 (215.70 to 216.70): E

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: 16.81 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

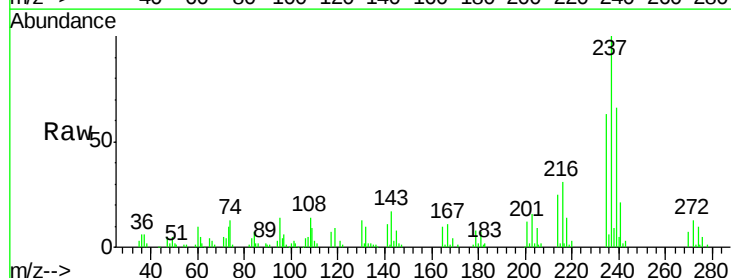
Tgt Ion:237 Resp: 76341

Ion Ratio Lower Upper

237 100

235 63.2 41.2 81.2

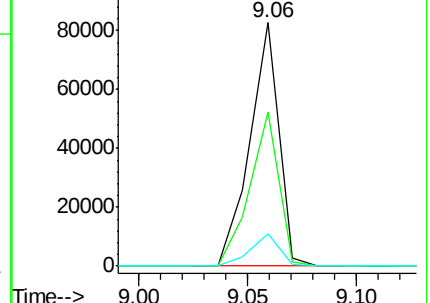
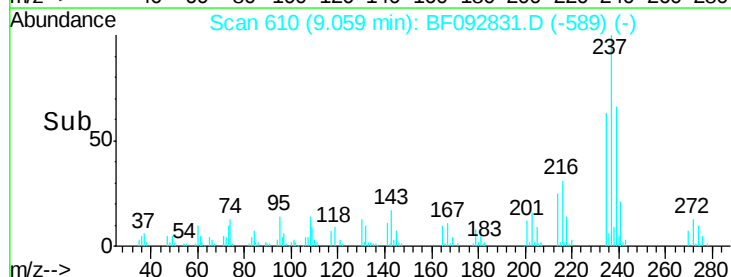
272 13.1 0.0 35.4



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

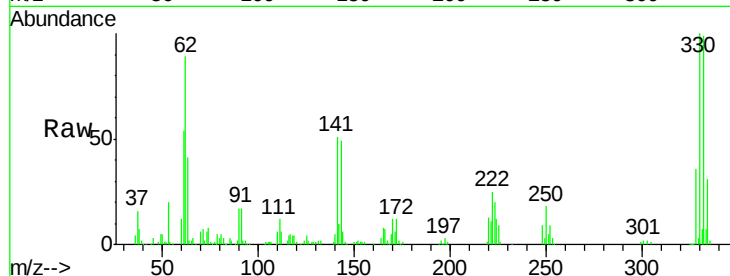




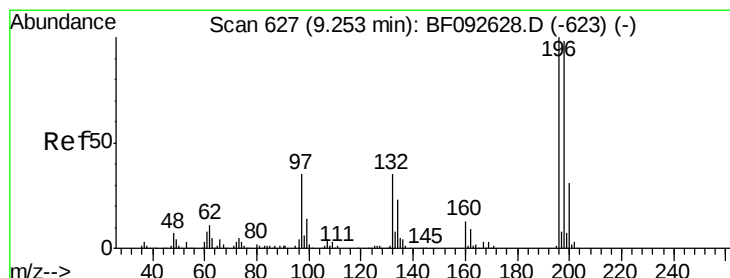
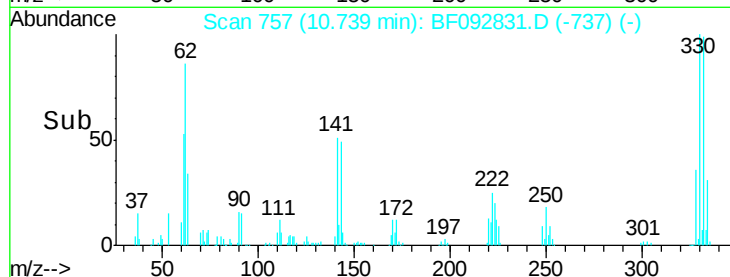
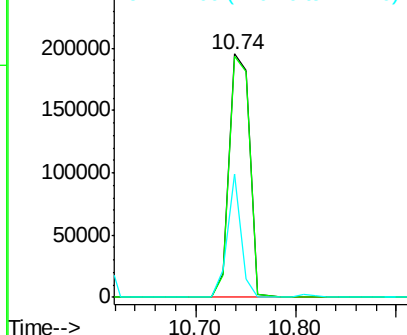
#41
 2,4,6-Tribromophenol
 Concen: 106.65 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tgt Ion:330 Resp: 276639
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.4 116.2
 141 34.0 34.1 51.1#

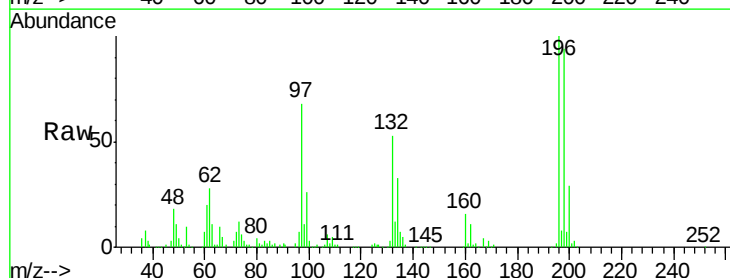


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

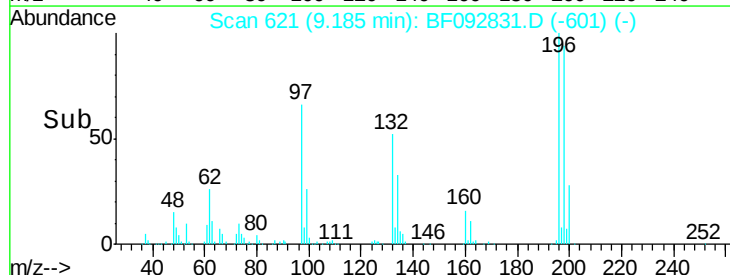
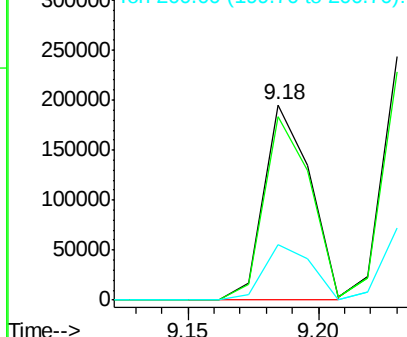


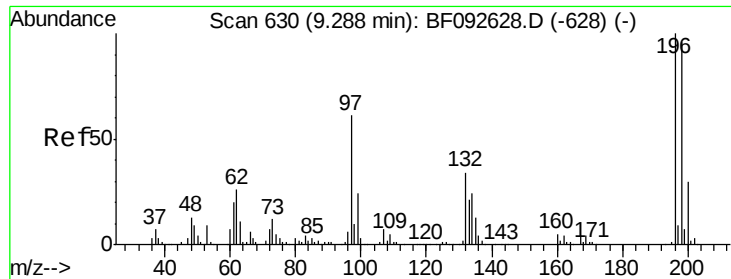
#42
 2,4,6-Trichlorophenol
 Concen: 36.17 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.07 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion:196 Resp: 239255
 Ion Ratio Lower Upper
 196 100
 198 93.9 82.1 123.1
 200 28.6 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

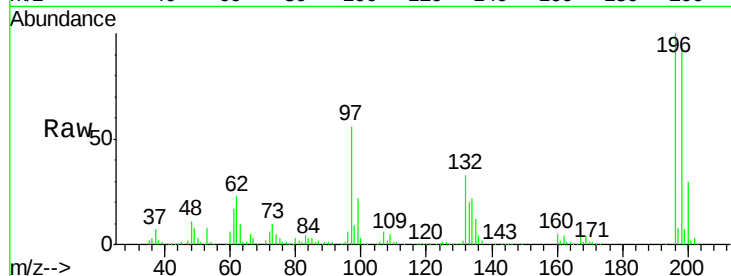




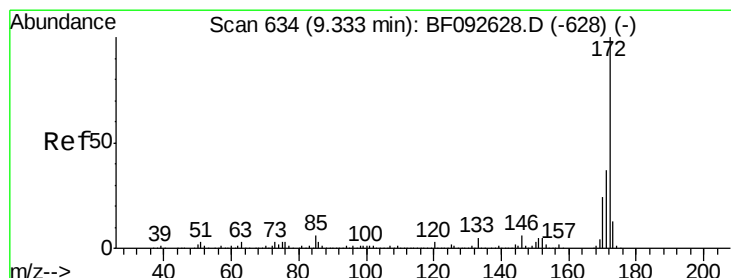
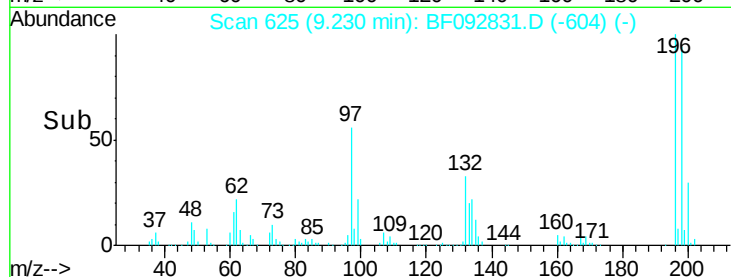
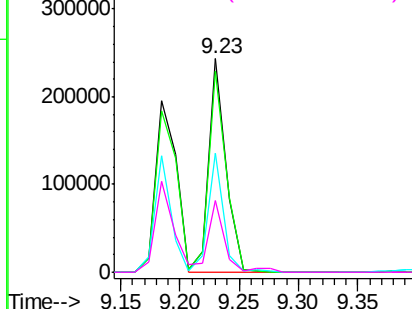
#43
 2,4,5-Trichlorophenol
 Concen: 33.83 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	79.4	119.2
97	55.7	51.5	77.3
132	33.4	27.4	41.2

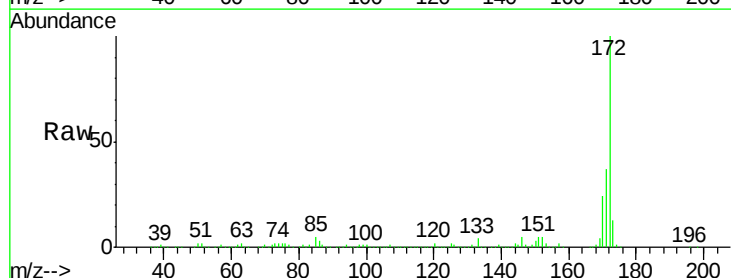


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

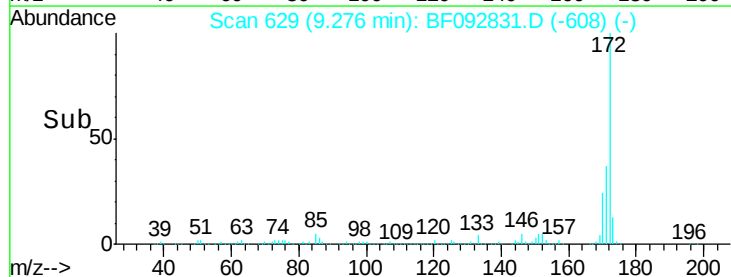
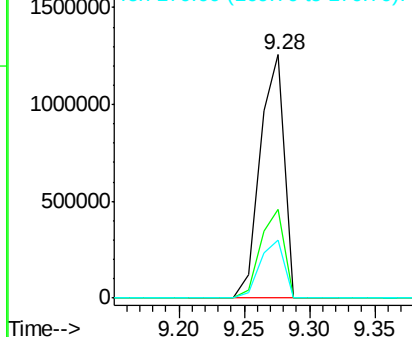


#44
 2-Fluorobiphenyl
 Concen: 81.46 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.1	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

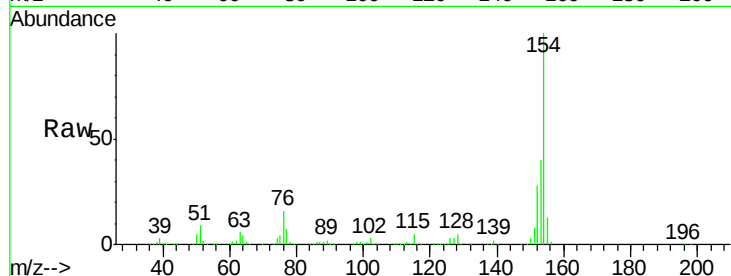




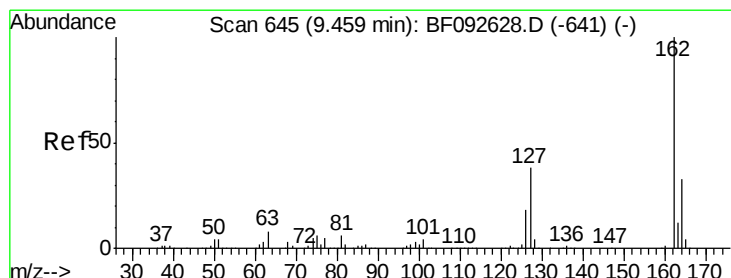
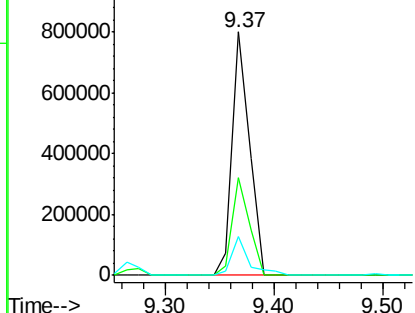
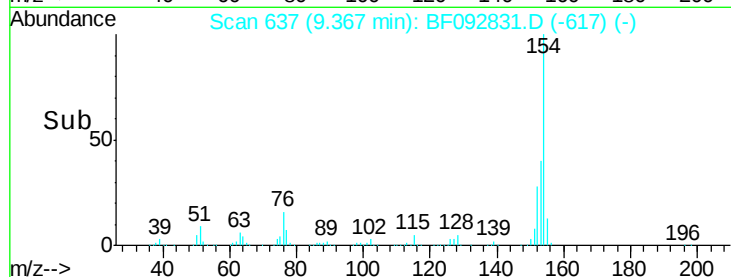
#45
 1,1'-Biphenyl
 Concen: 33.31 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.07 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tgt Ion:154 Resp: 864922
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.9 60.9
 76 16.0 0.0 30.5

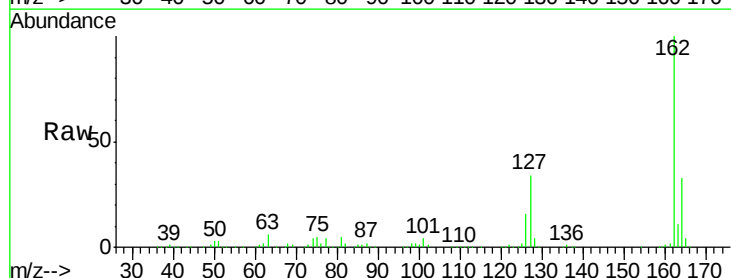


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

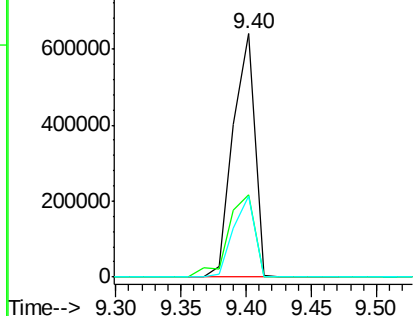
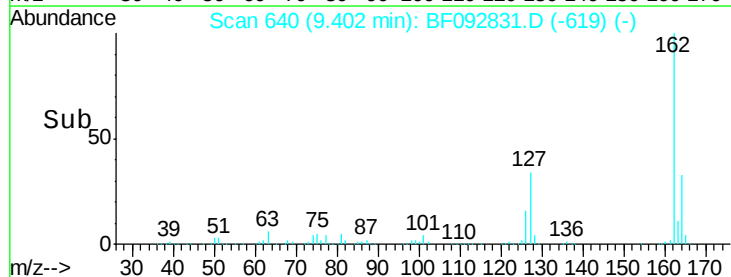


#46
 2-Chloronaphthalene
 Concen: 36.36 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion:162 Resp: 738683
 Ion Ratio Lower Upper
 162 100
 127 34.0 30.7 46.1
 164 33.3 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

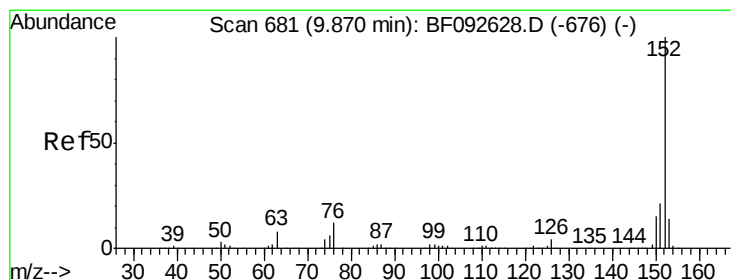
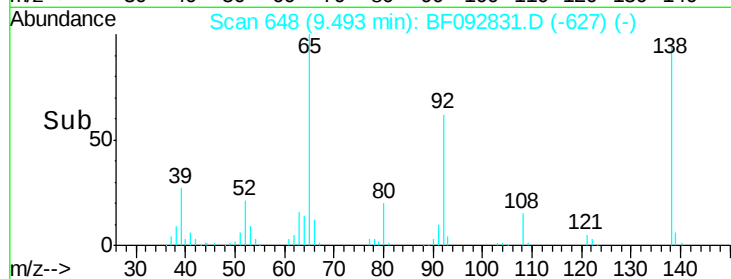
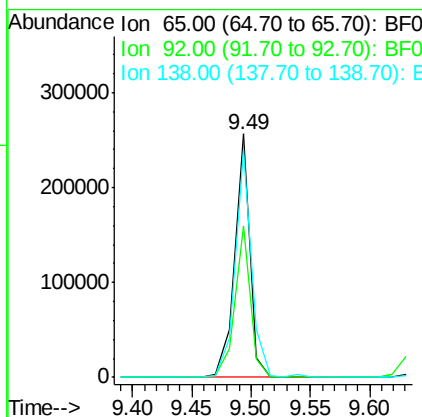
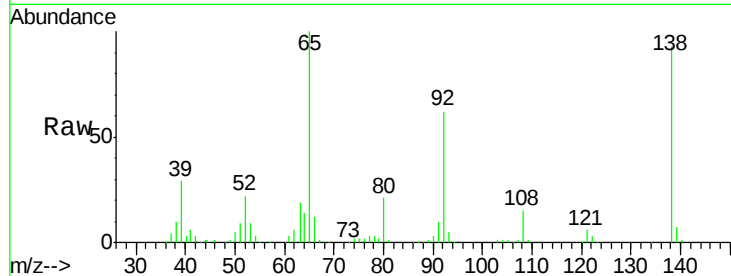




#47
 2-Nitroaniline
 Concen: 33.40 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

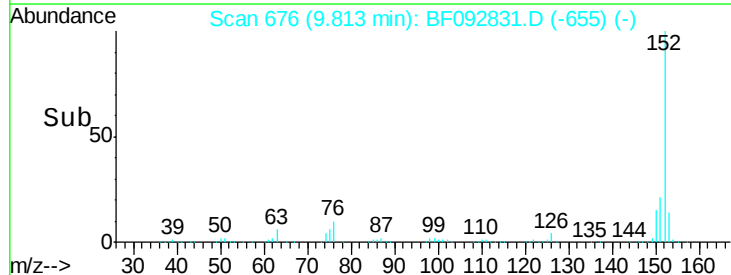
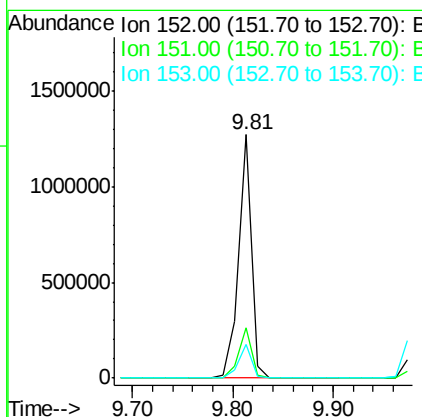
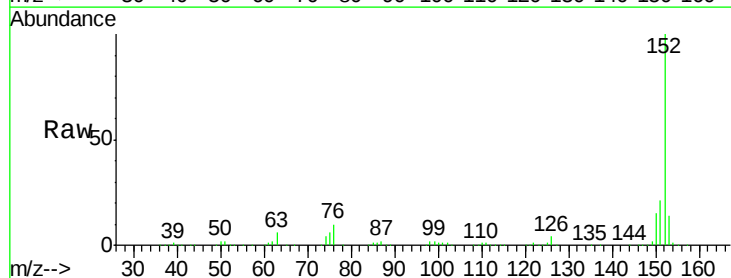
Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

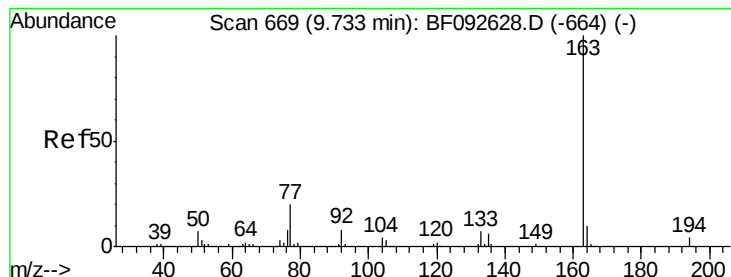
Tgt Ion: 65 Resp: 228152
 Ion Ratio Lower Upper
 65 100
 92 62.4 53.9 80.9
 138 93.4 76.8 115.2



#48
 Acenaphthylene
 Concen: 32.21 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion: 152 Resp: 1130209
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.9 25.3
 153 13.8 11.4 17.2





#49

Dimethylphthalate

Concen: 38.68 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

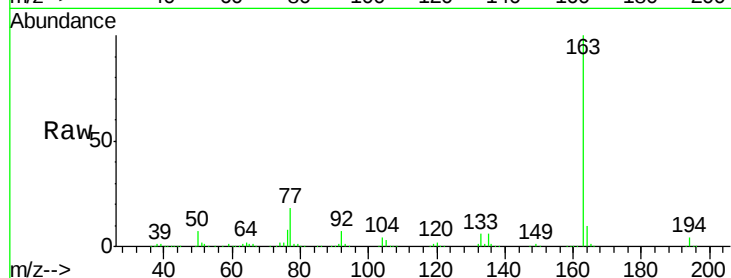
Tgt Ion:163 Resp: 934254

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

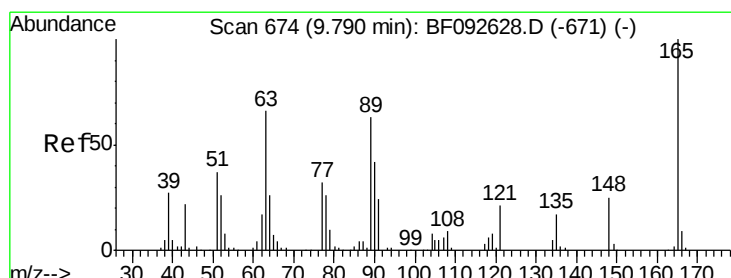
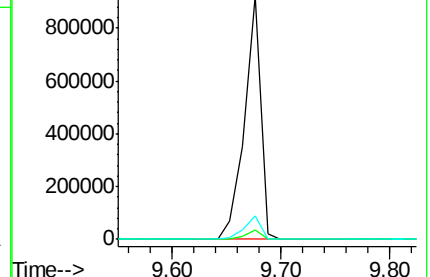
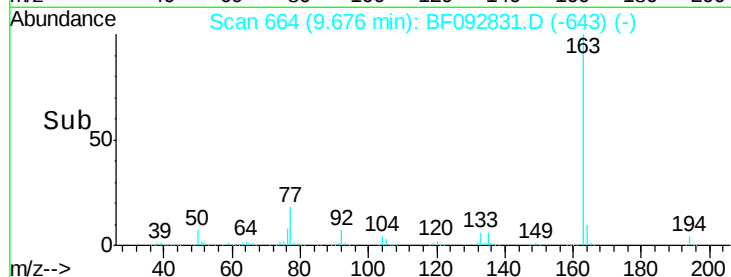
164 9.8 8.0 12.0



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: 33.50 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

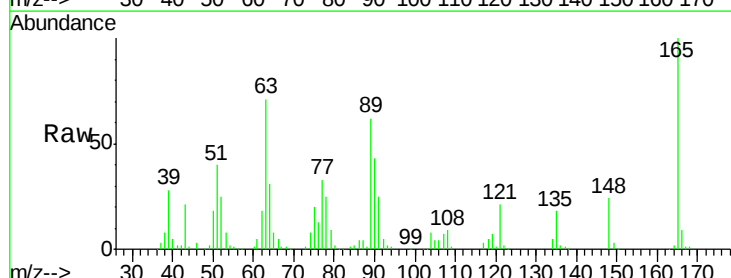
Tgt Ion:165 Resp: 174783

Ion Ratio Lower Upper

165 100

63 71.3 36.2 54.4#

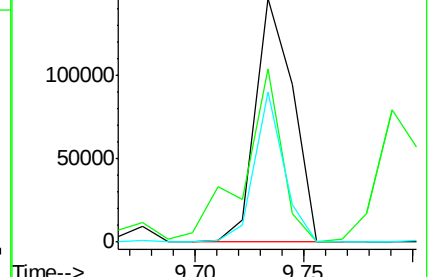
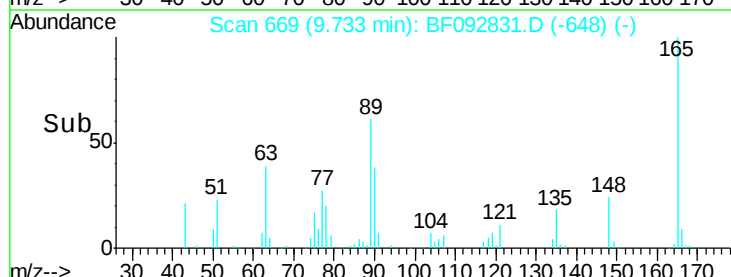
89 61.9 40.2 60.4#



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: 33.24 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

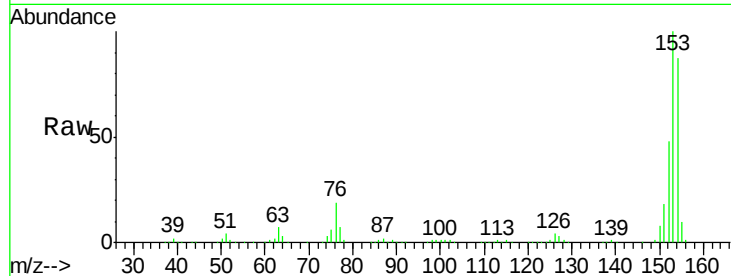
Tgt Ion:154 Resp: 697457

Ion Ratio Lower Upper

154 100

153 114.6 88.6 133.0

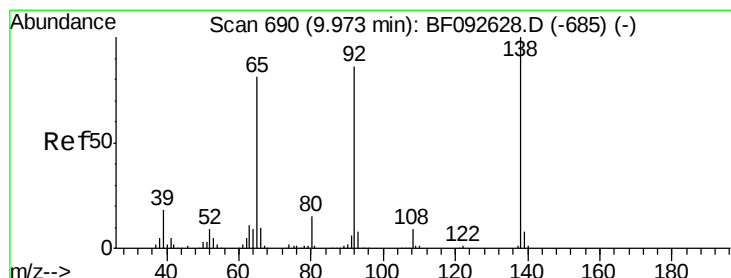
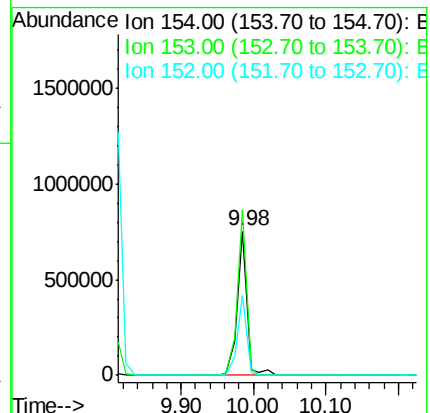
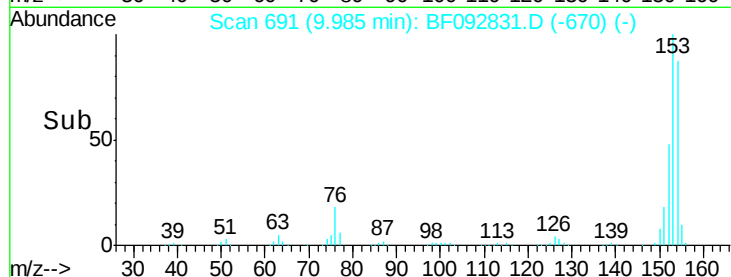
152 54.9 41.6 62.4



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: 20.85 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.07 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

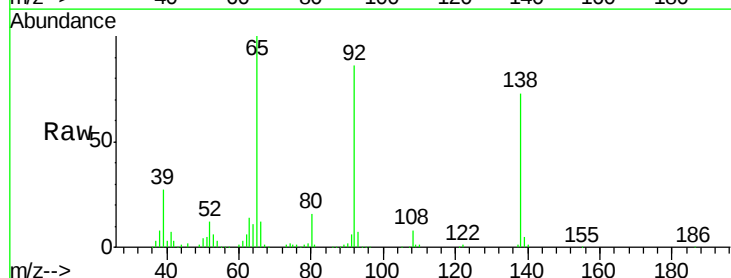
Tgt Ion:138 Resp: 124467

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

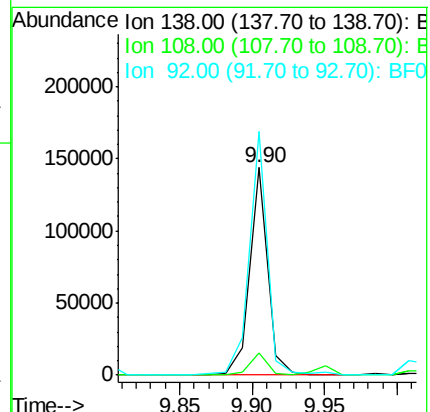
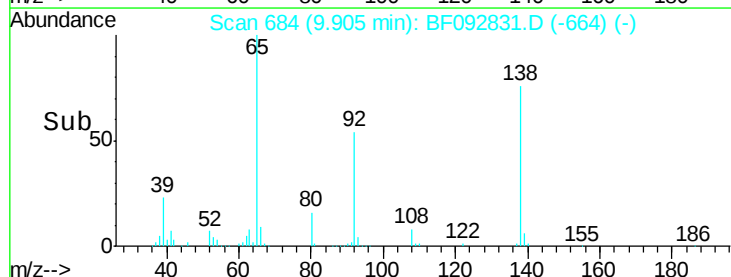
92 117.3 97.8 146.8

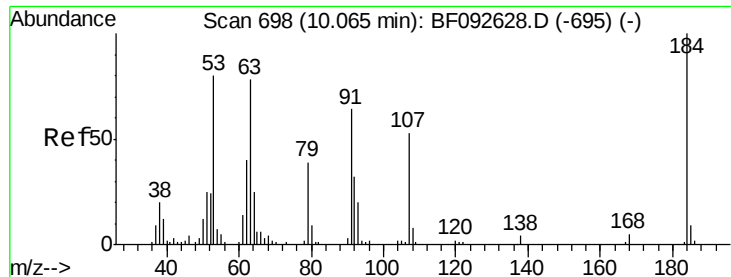


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

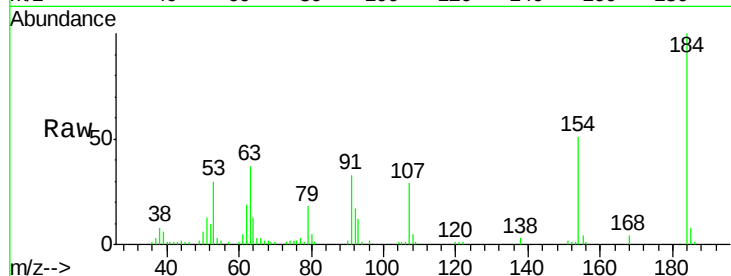




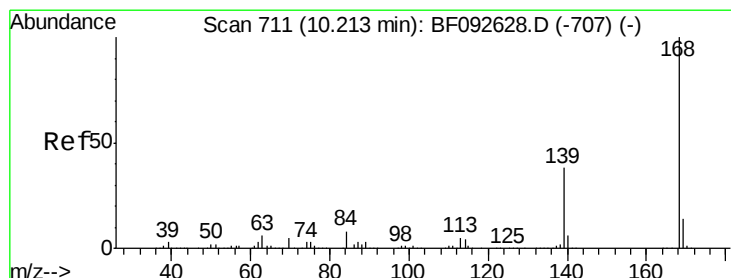
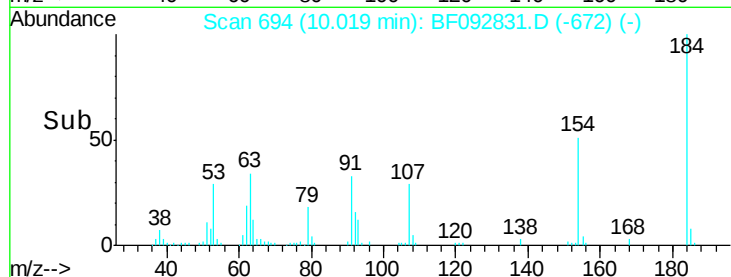
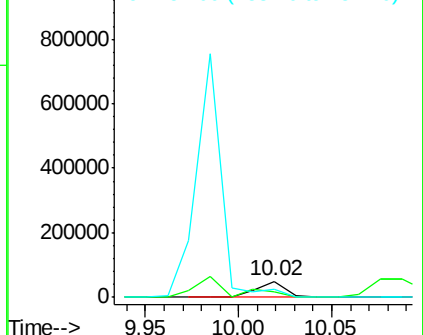
#53
2,4-Dinitrophenol
Concen: 23.75 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.05 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tgt Ion:184 Resp: 53643
Ion Ratio Lower Upper
184 100
63 36.8 28.4 42.6
154 51.1 44.3 66.5

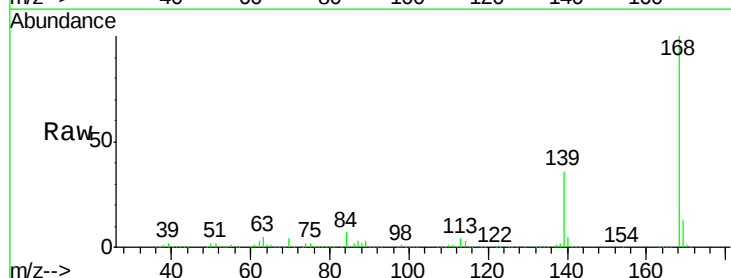


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

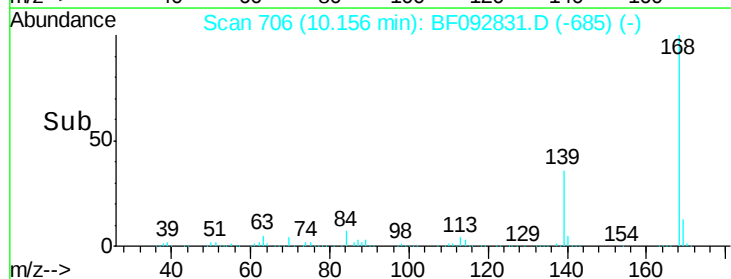
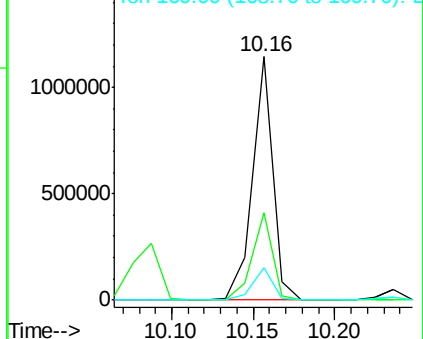


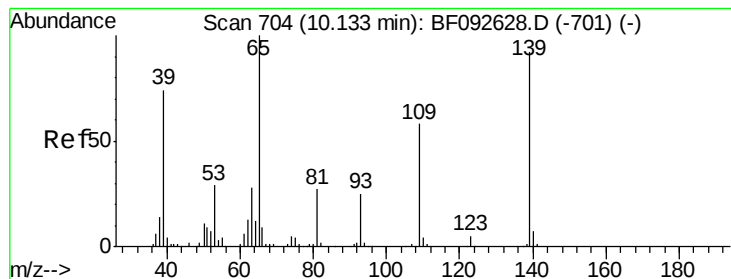
#54
Dibenzofuran
Concen: 35.15 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion:168 Resp: 986357
Ion Ratio Lower Upper
168 100
139 35.9 32.6 49.0
169 13.4 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: 75.28 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

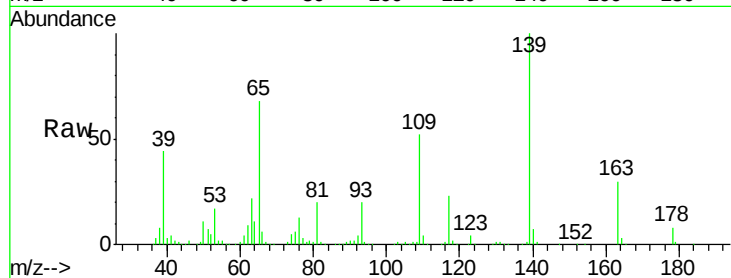
Tgt Ion:139 Resp: 323690

Ion Ratio Lower Upper

139 100

109 51.6 52.2 92.2#

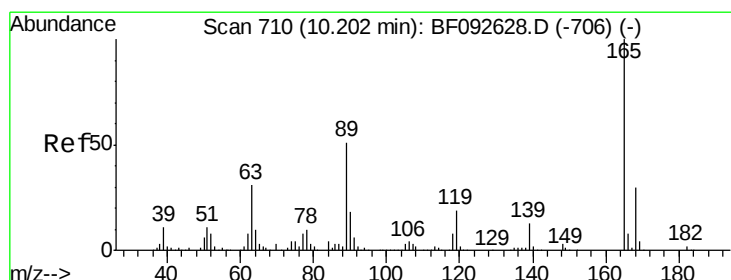
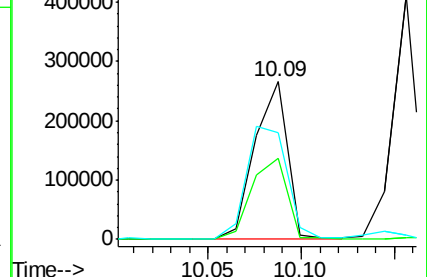
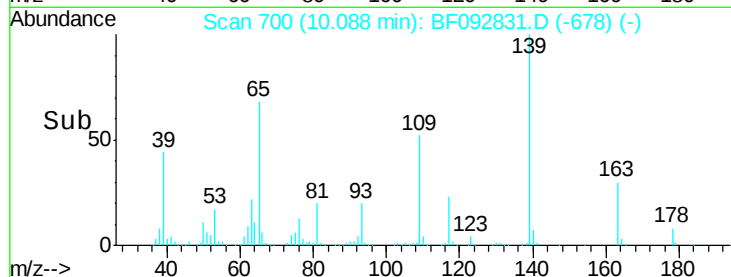
65 67.7 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.80 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:165 Resp: 262516

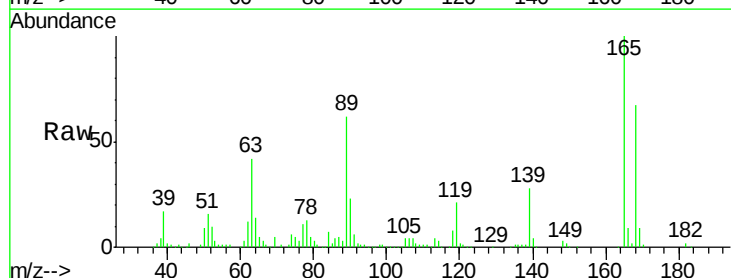
Ion Ratio Lower Upper

165 100

63 42.2 40.2 60.4

89 62.1 62.5 93.7#

182 2.1 1.8 2.8

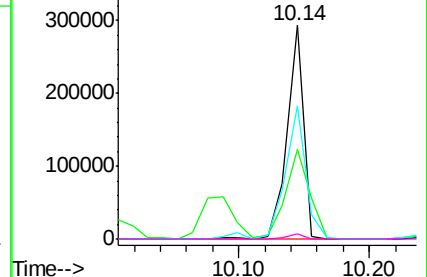
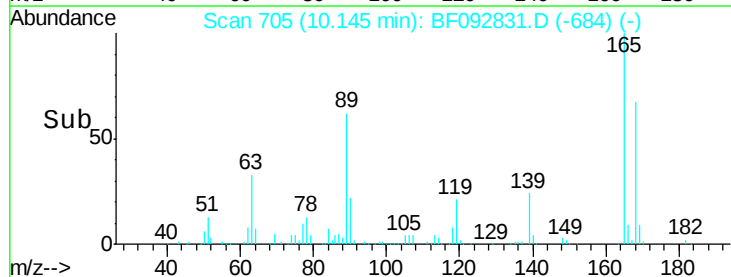


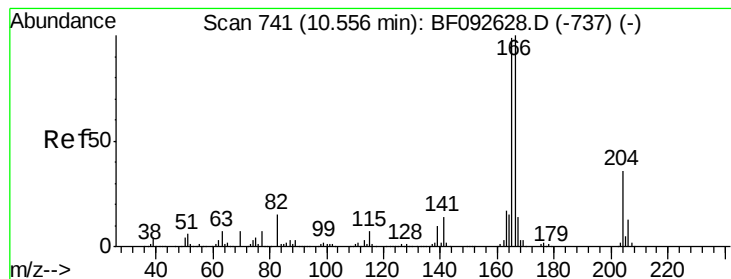
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.61 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampled :

PB96775BS

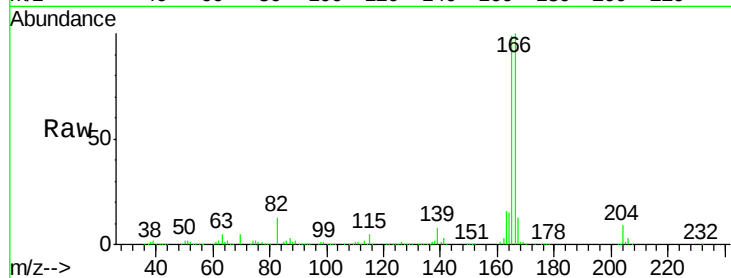
Tgt Ion:166 Resp: 725707

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

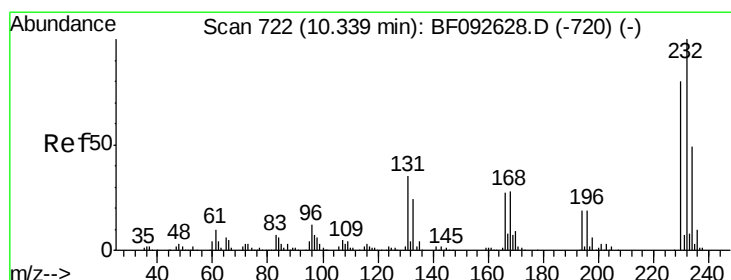
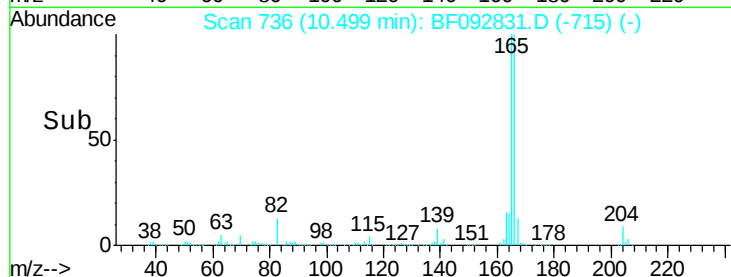
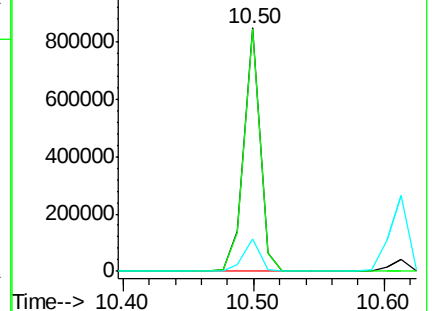
167 13.3 10.8 16.2



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: 38.89 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion:232 Resp: 188048

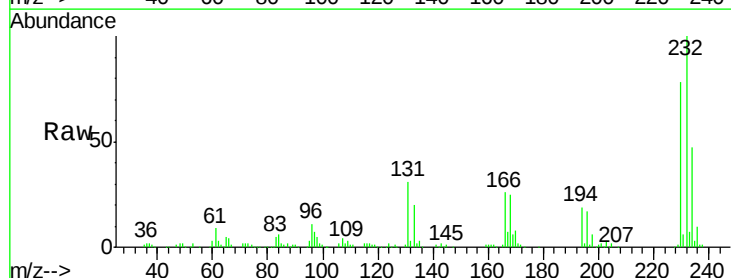
Ion Ratio Lower Upper

232 100

131 44.4 40.1 60.1

130 2.0 1.8 2.8

166 30.4 26.6 39.8

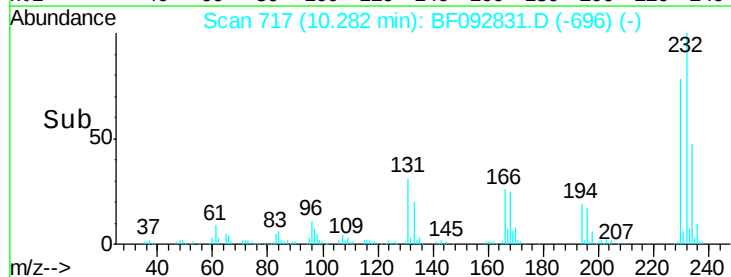
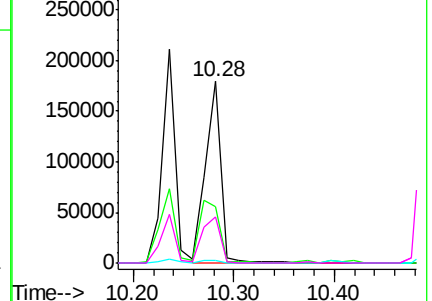


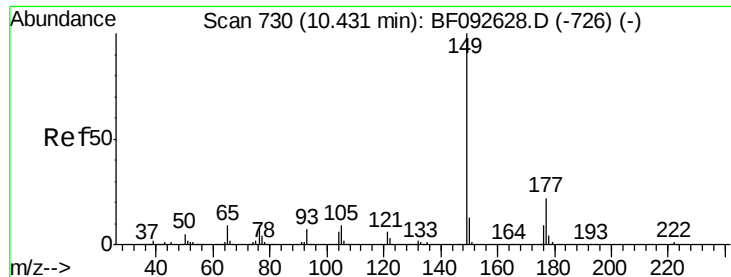
Abundance Ion 232.00 (231.70 to 232.70): E

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

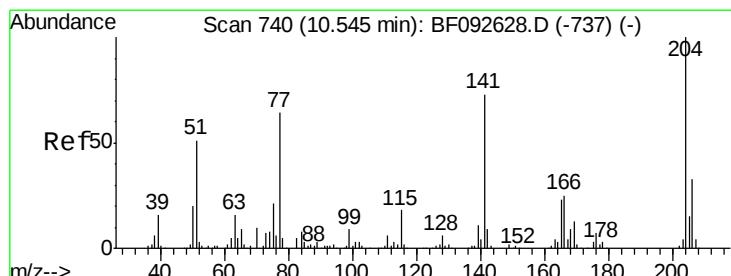
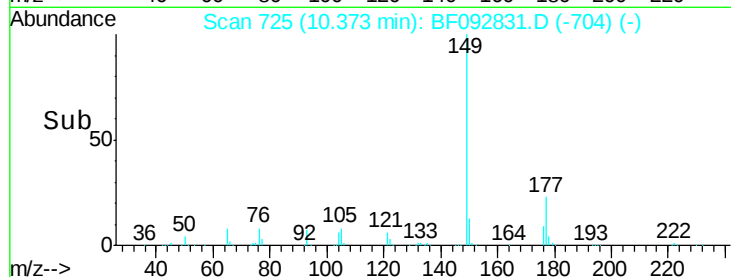
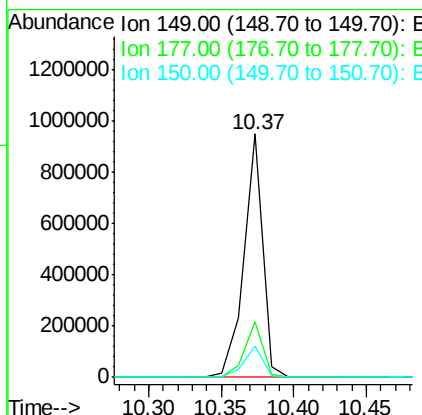
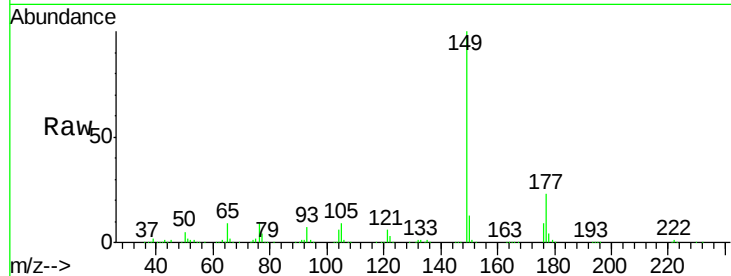




#59
Diethylphthalate
Concen: 37.41 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

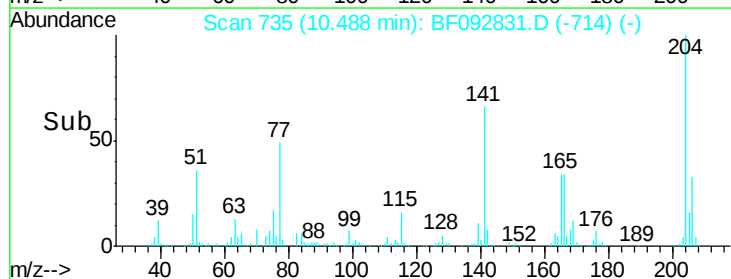
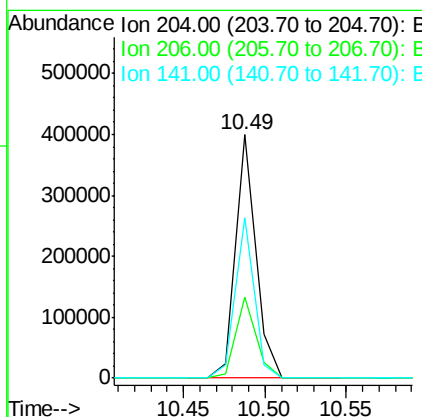
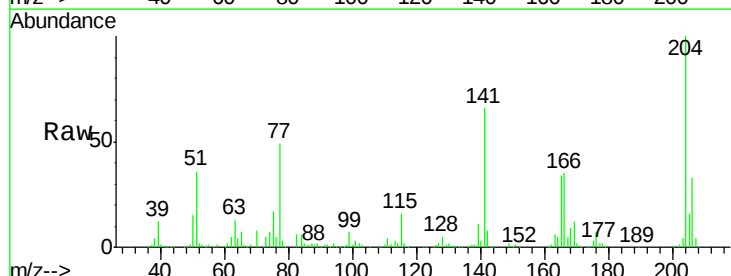
Instrument :
BNA_F
ClientSampleId :
PB96775BS

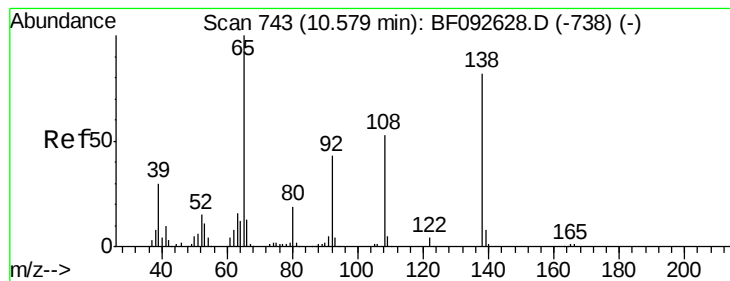
Tgt Ion:149 Resp: 851579
Ion Ratio Lower Upper
149 100
177 22.7 16.6 25.0
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 32.82 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion:204 Resp: 340398
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 65.7 59.4 89.0





#61

4-Nitroaniline

Concen: 30.65 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

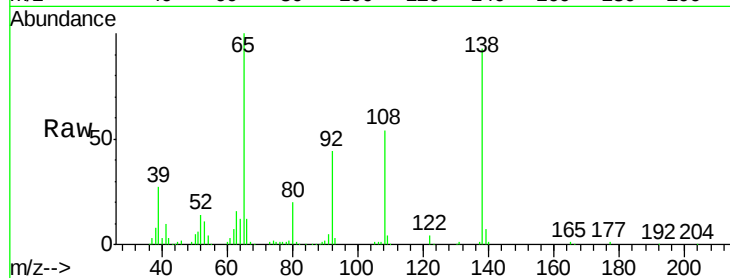
Tgt Ion:138 Resp: 187395

Ion Ratio Lower Upper

138 100

92 47.5 31.7 71.7

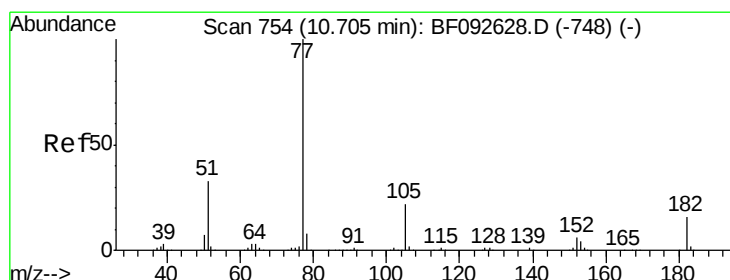
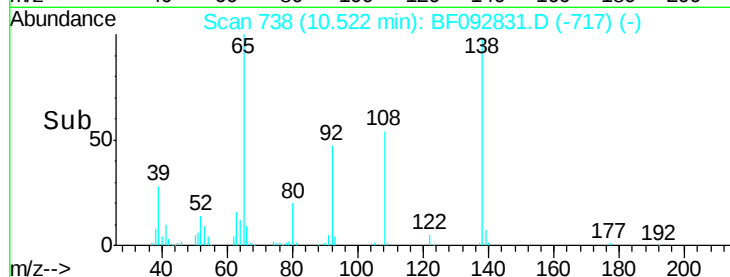
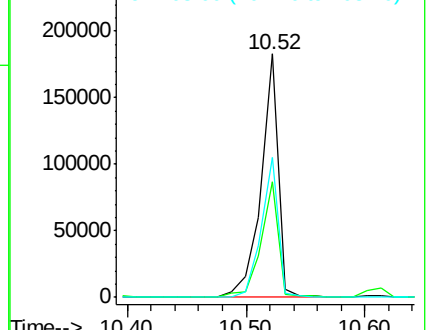
108 57.5 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.57 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Tgt Ion: 77 Resp: 836571

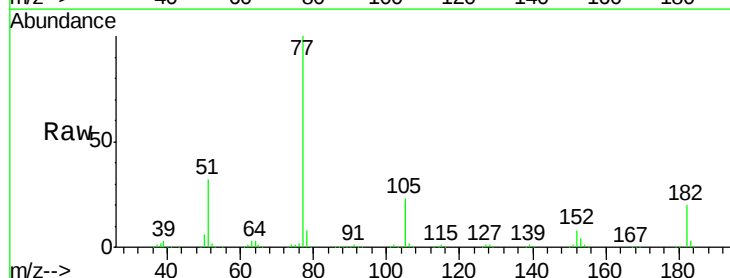
Ion Ratio Lower Upper

77 100

182 20.4 0.0 39.3

105 23.0 2.3 42.3

51 31.6 8.9 48.9

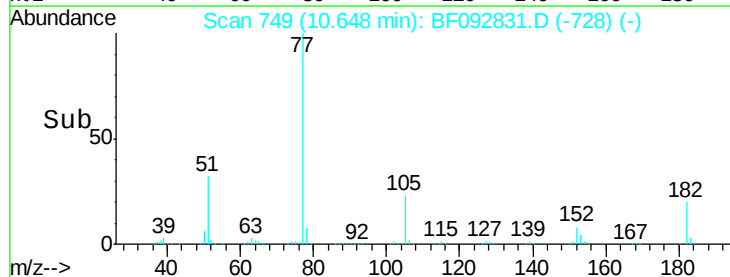
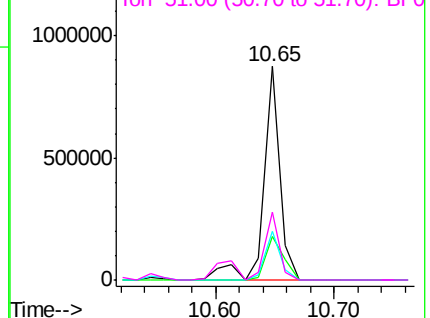


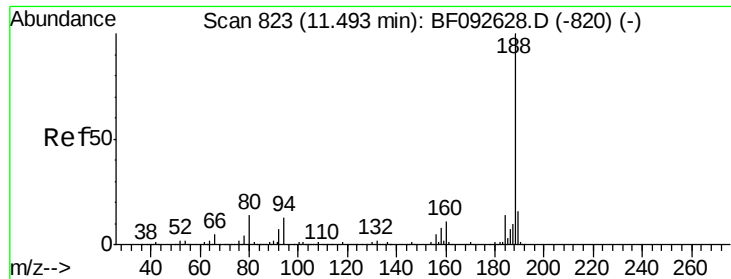
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

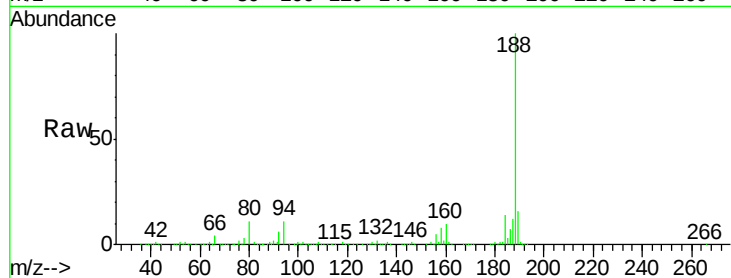




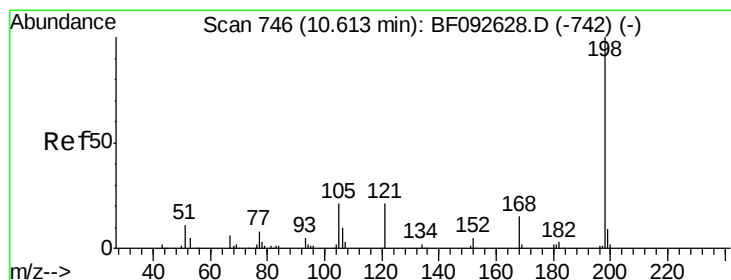
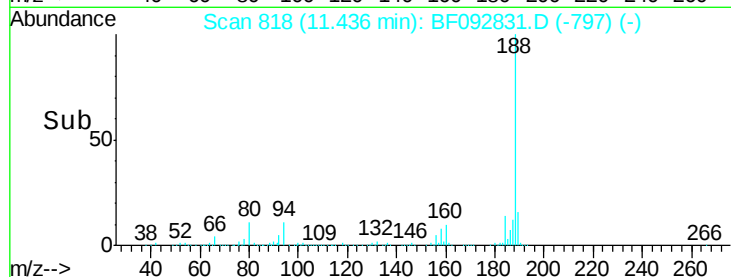
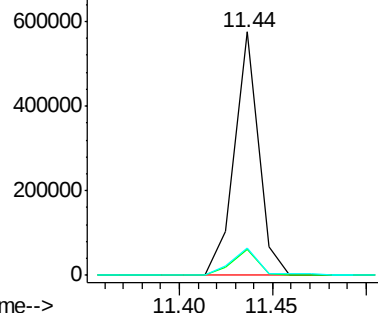
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tgt Ion:188 Resp: 514490
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.5 11.2 16.8

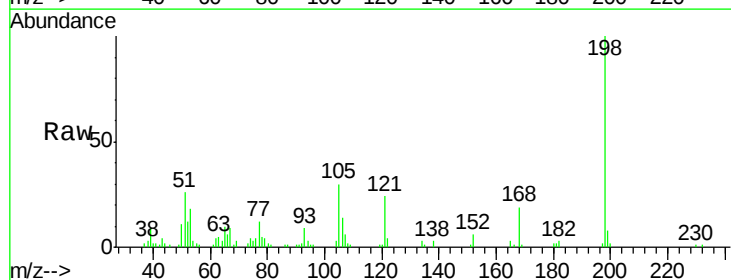


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

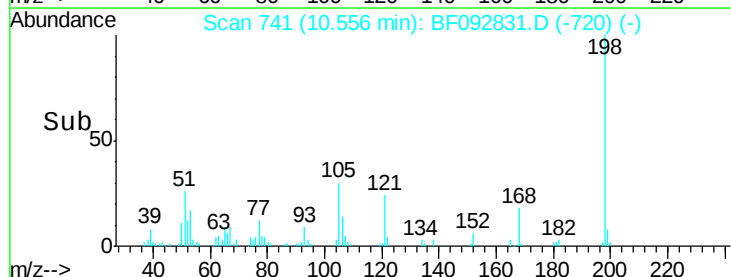
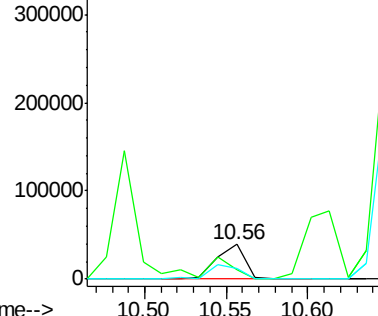


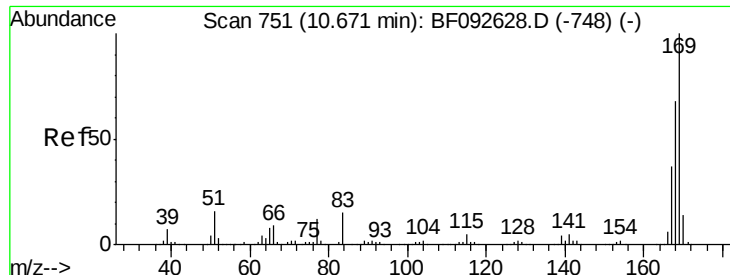
#64
4,6-Dinitro-2-methylphenol
Concen: 16.95 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion:198 Resp: 47364
Ion Ratio Lower Upper
198 100
51 26.4 6.7 46.7
105 30.5 16.6 56.6



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

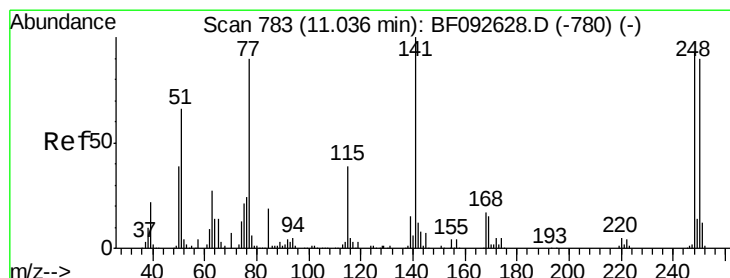
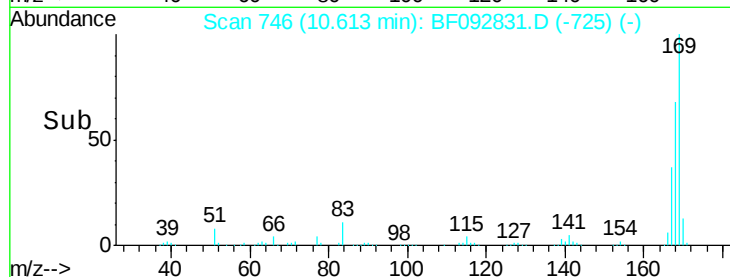
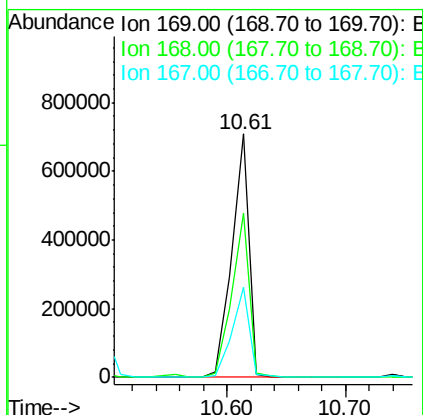
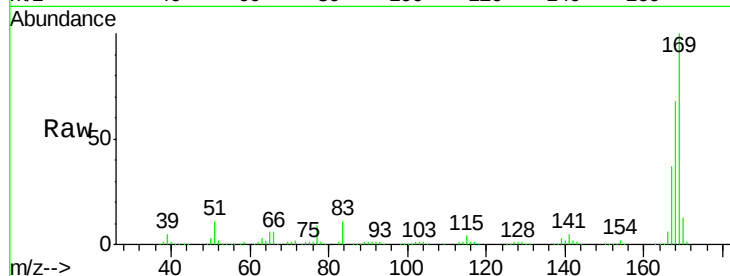




#65
 n-Nitrosodiphenylamine
 Concen: 43.12 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

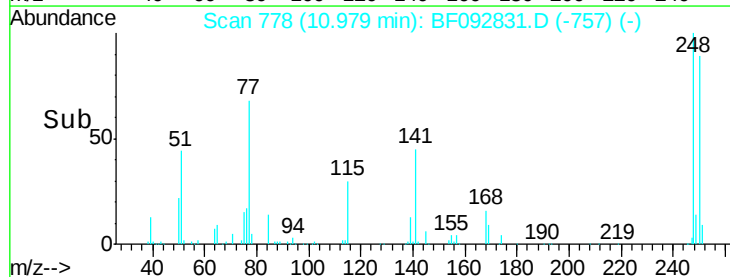
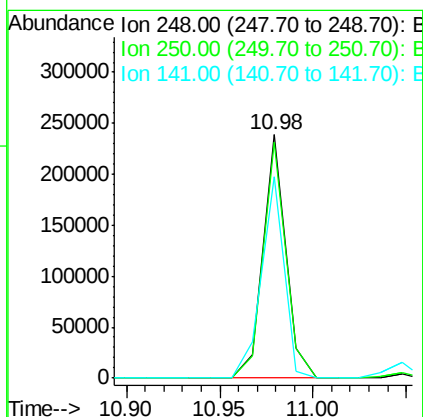
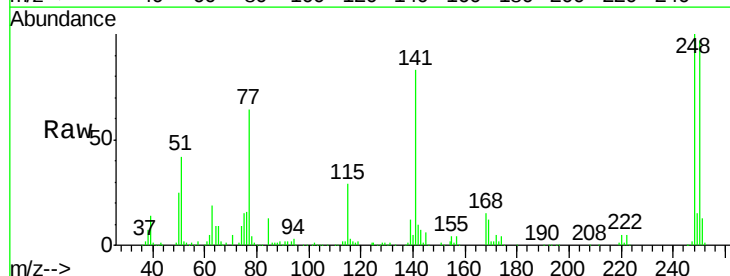
Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tgt Ion:169 Resp: 708722
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.2 81.2
 167 37.1 30.2 45.4



#66
 4-Bromophenyl-phenylether
 Concen: 37.37 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion:248 Resp: 200869
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.9 115.3
 141 82.7 68.2 102.4

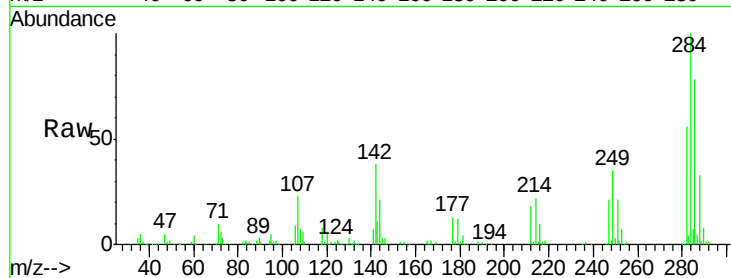




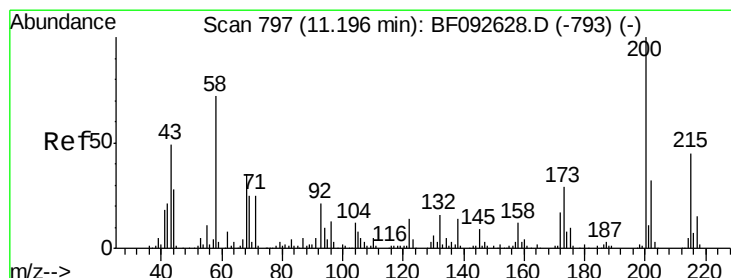
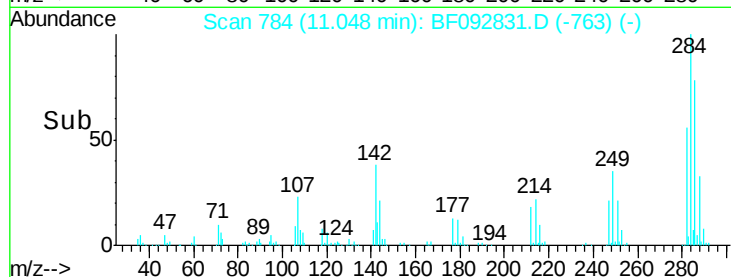
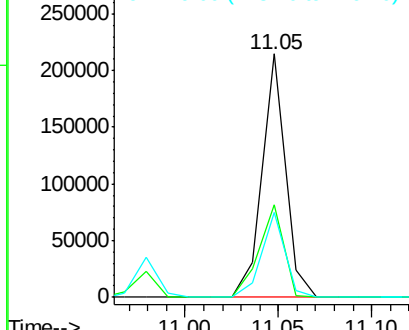
#67
Hexachlorobenzene
Concen: 34.76 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB96775BS

Tgt Ion:284 Resp: 184664
Ion Ratio Lower Upper
284 100
142 37.9 22.6 33.8#
249 34.9 25.4 38.0

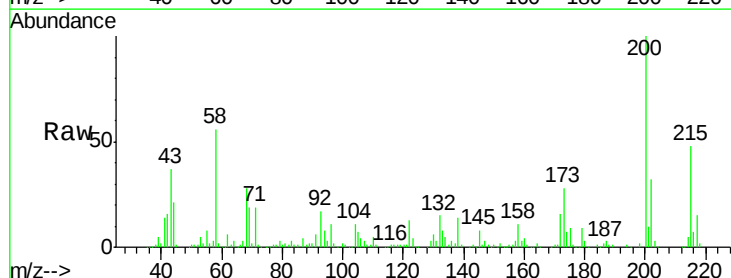


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

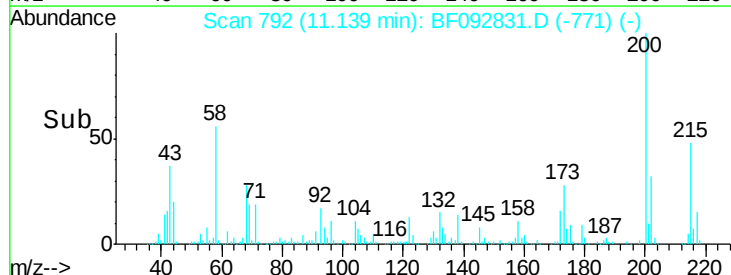
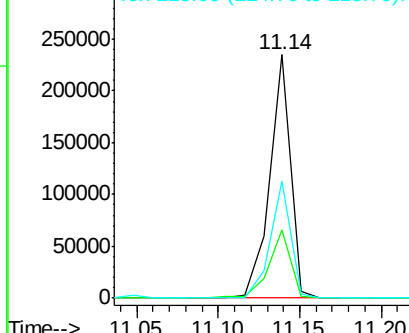


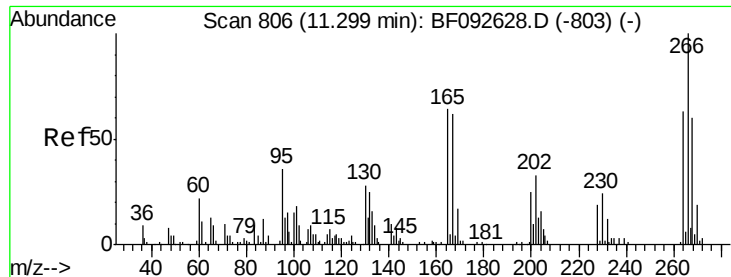
#68
Atrazine
Concen: 39.63 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion:200 Resp: 209026
Ion Ratio Lower Upper
200 100
173 28.2 9.6 49.6
215 48.1 25.7 65.7



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

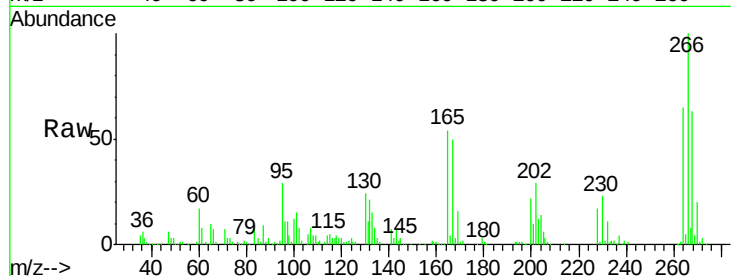




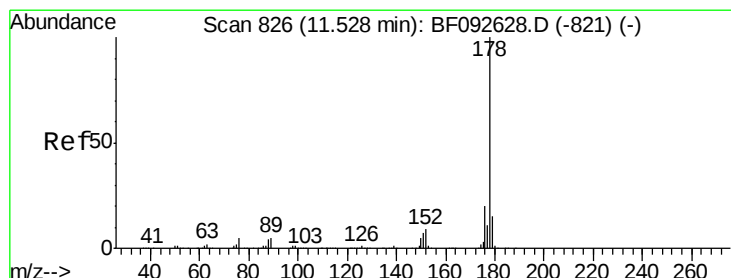
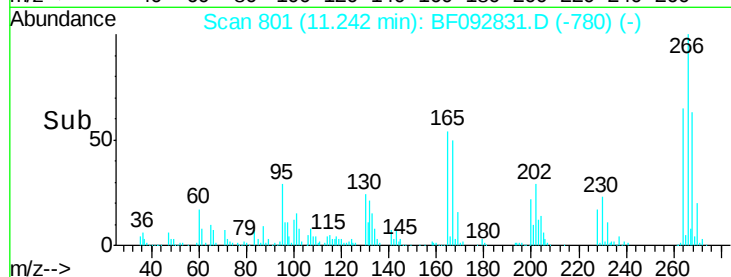
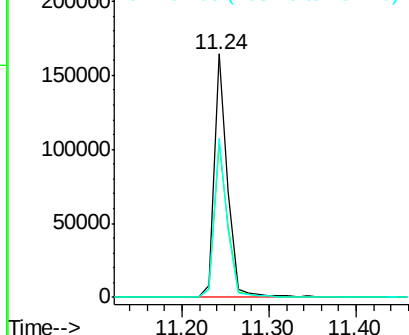
#69
 Pentachlorophenol
 Concen: 66.51 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

Tgt Ion:266 Resp: 178712
 Ion Ratio Lower Upper
 266 100
 268 63.4 53.3 79.9
 264 65.3 50.3 75.5

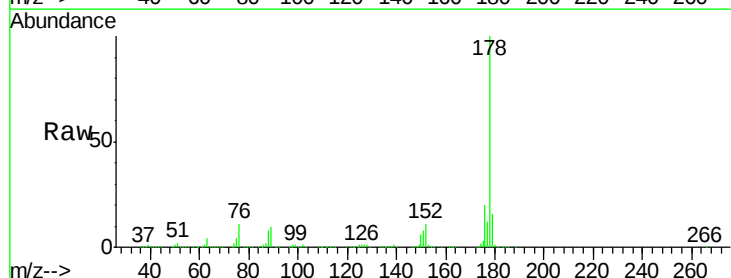


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

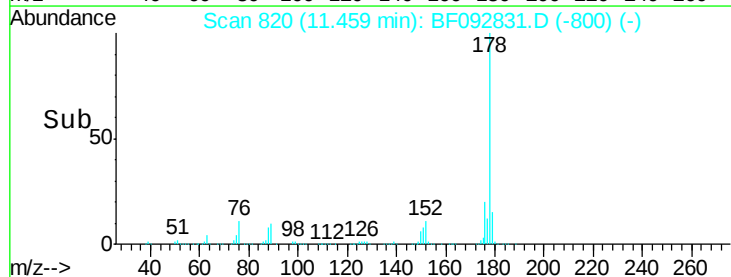
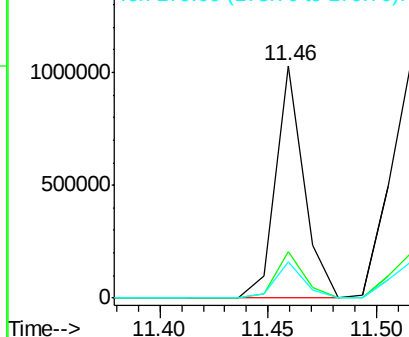


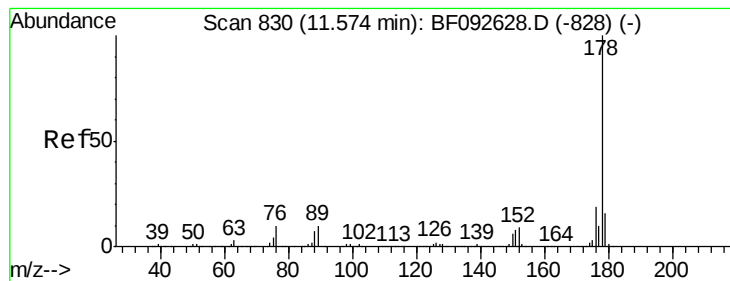
#70
 Phenanthrene
 Concen: 31.75 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.07 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion:178 Resp: 935871
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.5 12.8 19.2



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





#71

Anthracene

Concen: 37.20 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

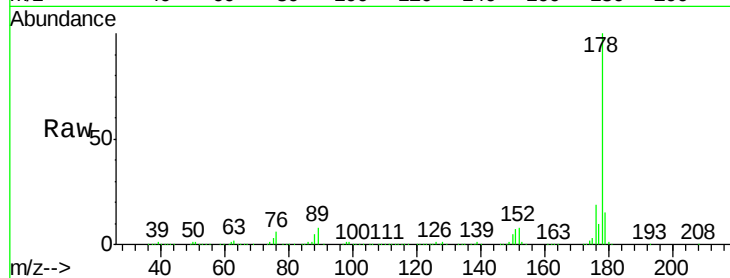
Tgt Ion:178 Resp: 1101051

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

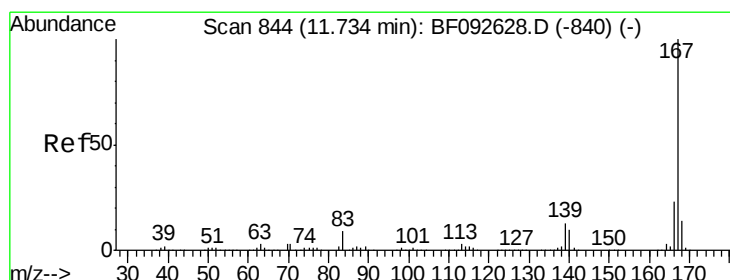
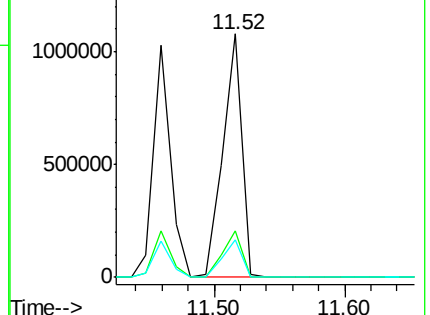
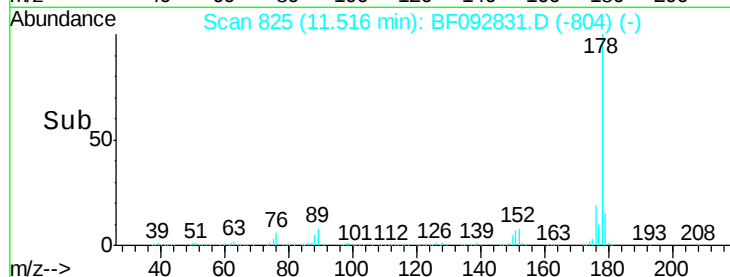
179 15.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 31.19 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.07 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

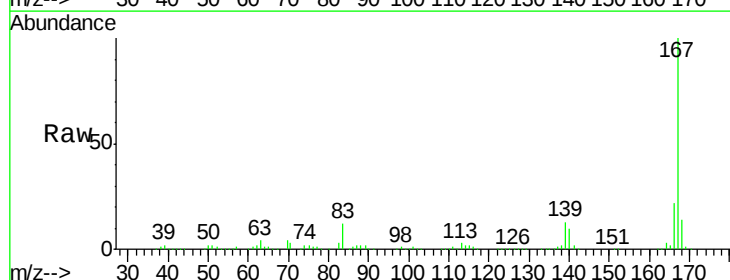
Tgt Ion:167 Resp: 882523

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

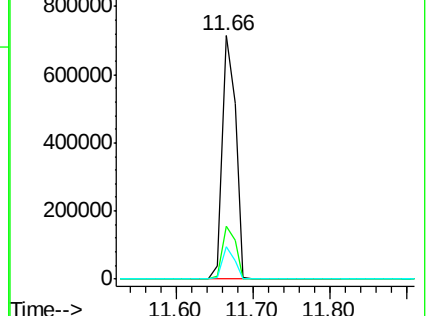
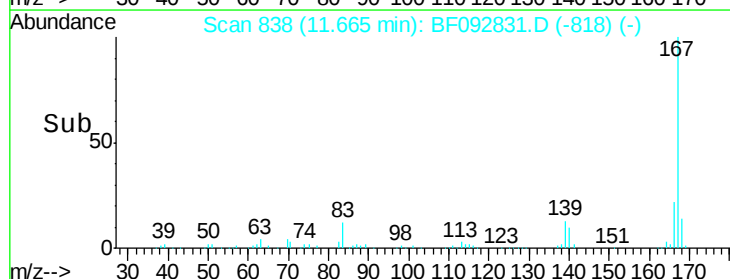
139 13.4 11.4 17.2

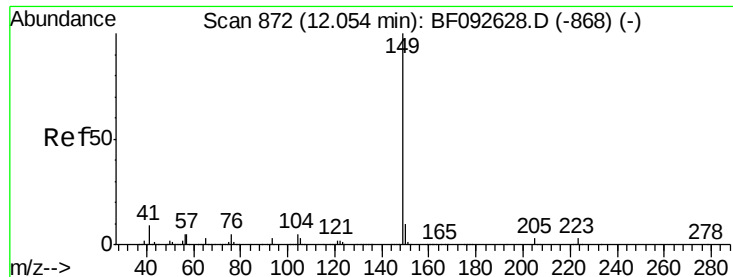


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.30 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

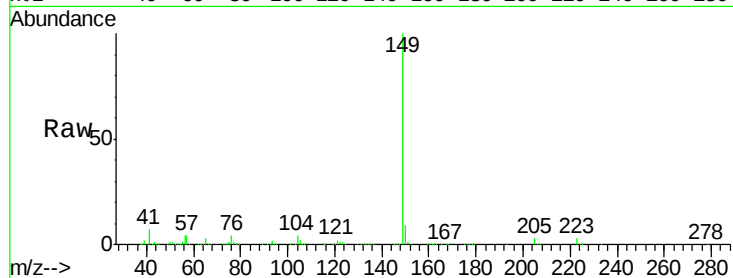
Tgt Ion:149 Resp: 1263825

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

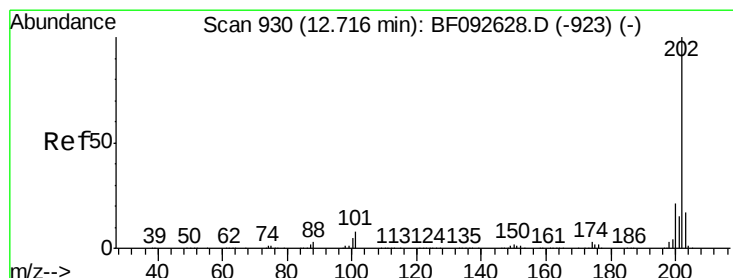
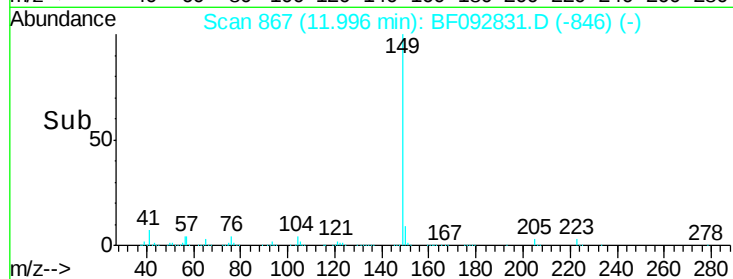
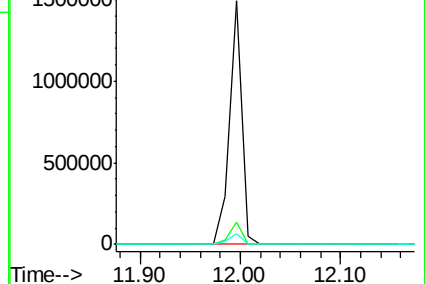
104 4.2 4.6 7.0#



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: 29.29 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

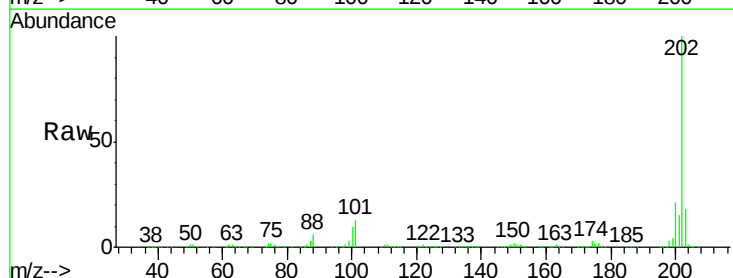
Tgt Ion:202 Resp: 890491

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.6

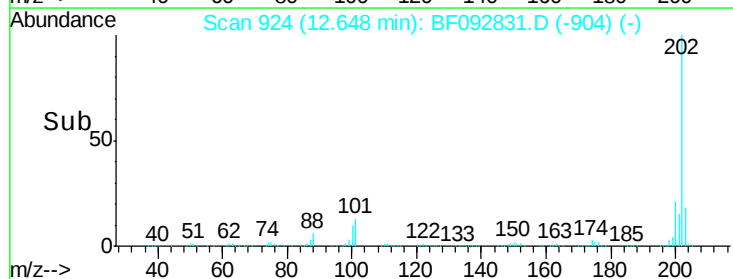
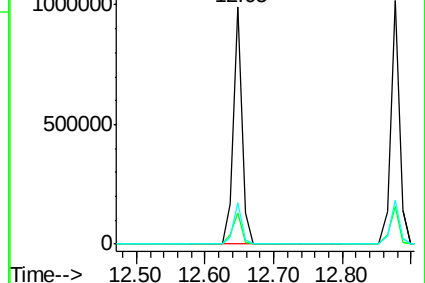
203 17.7 0.0 38.7

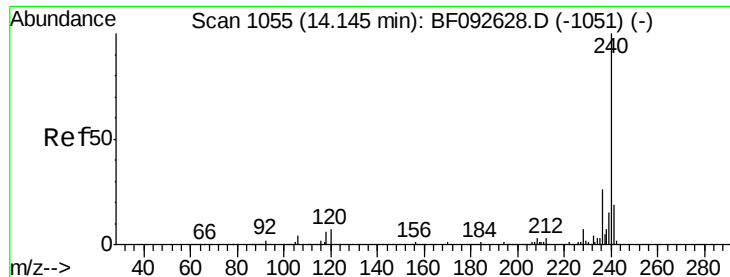


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1049

Delta R.T. -0.07 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

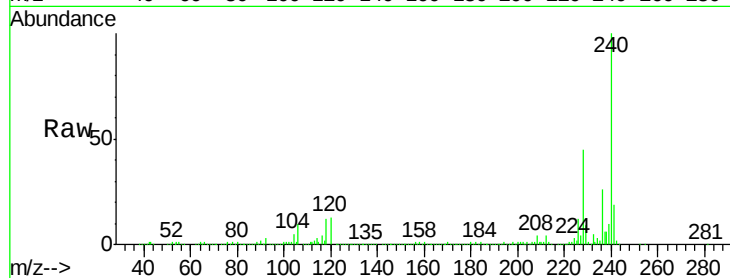
Tgt Ion:240 Resp: 392661

Ion Ratio Lower Upper

240 100

120 13.3 12.9 19.3

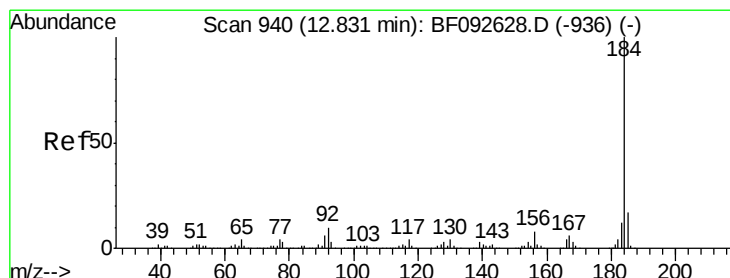
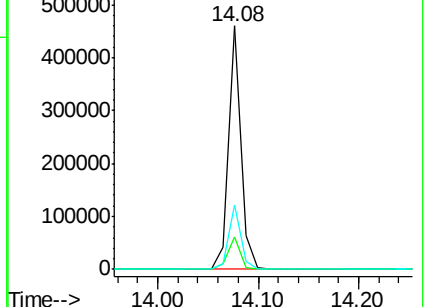
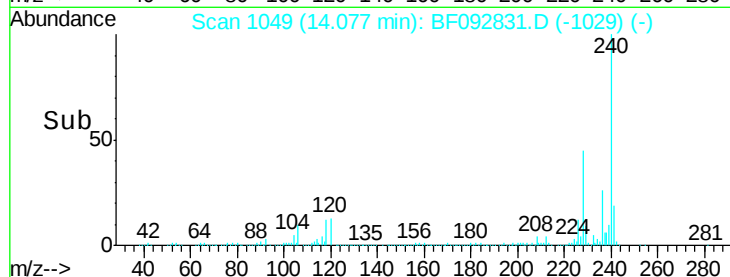
236 26.5 20.9 31.3



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: 32.30 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

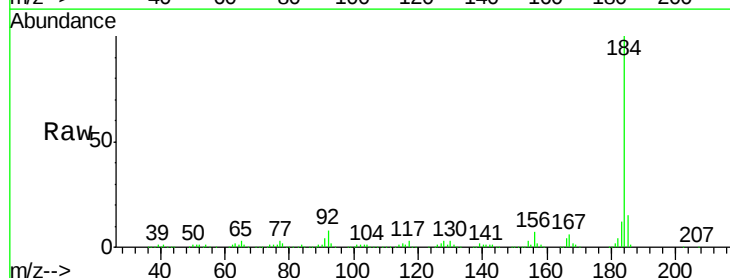
Tgt Ion:184 Resp: 540459

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

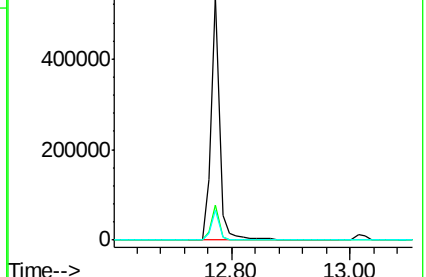
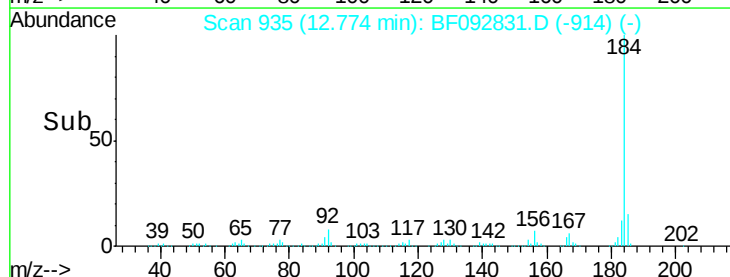
183 12.3 9.2 13.8

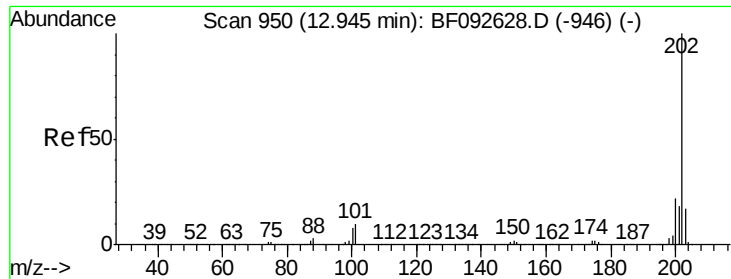


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

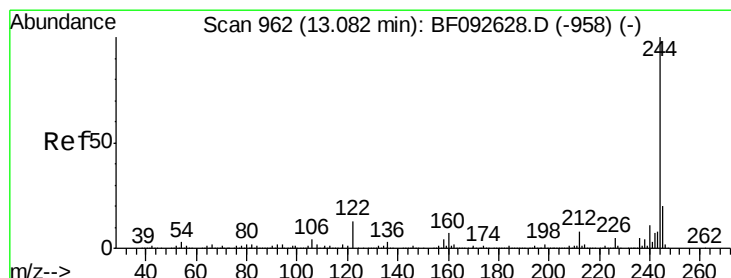
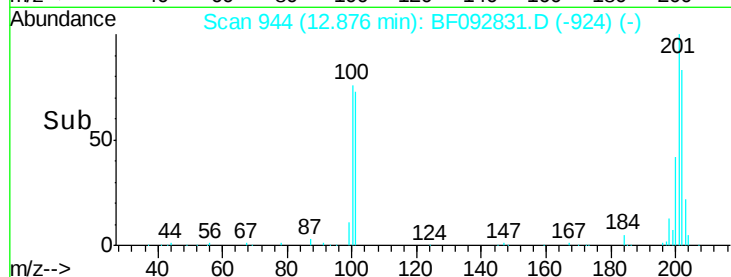
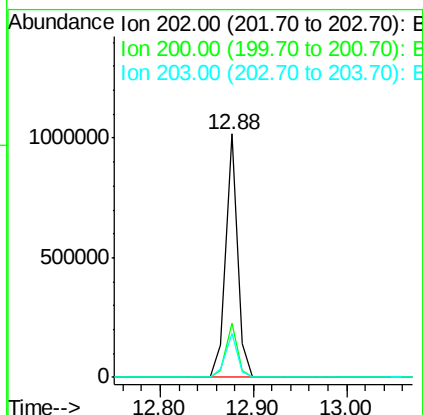
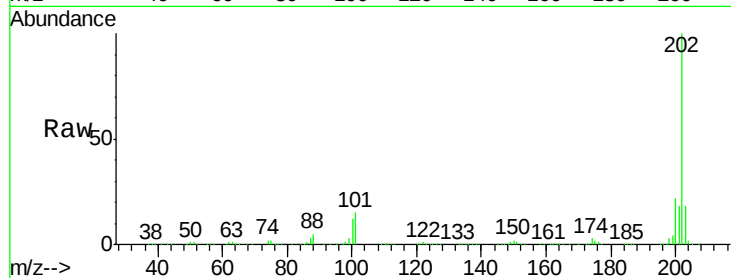




#77
 Pyrene
 Concen: 30.46 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.07 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

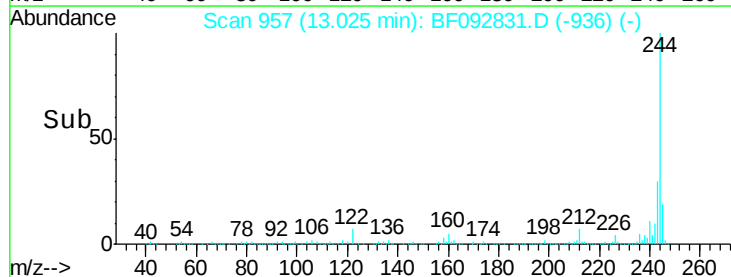
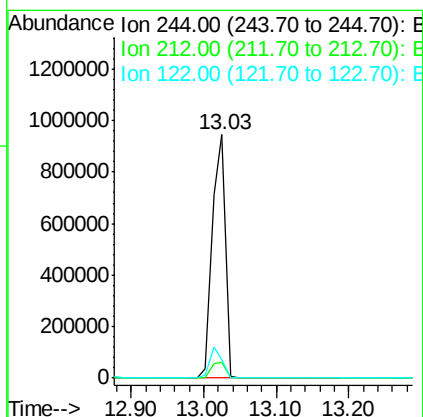
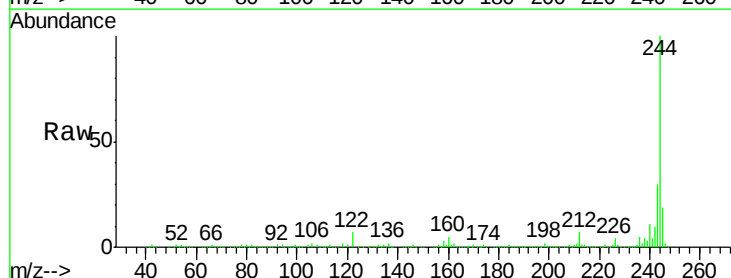
Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

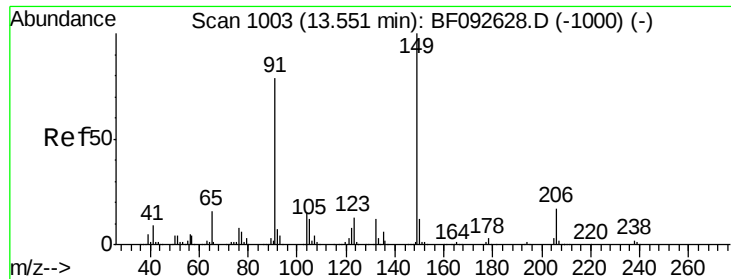
Tgt Ion: 202 Resp: 895033
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.7 26.5
 203 17.9 14.7 22.1



#78
 Terphenyl-d14
 Concen: 70.15 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion: 244 Resp: 1172264
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.2 9.2
 122 7.3 11.4 17.2#

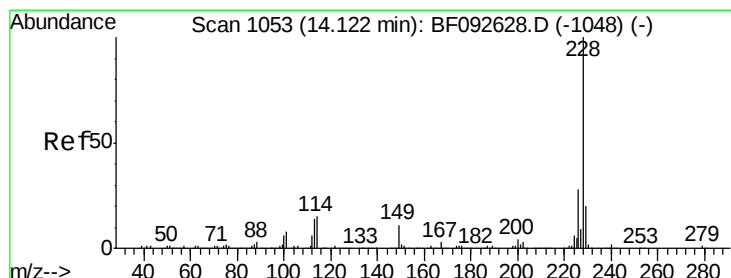
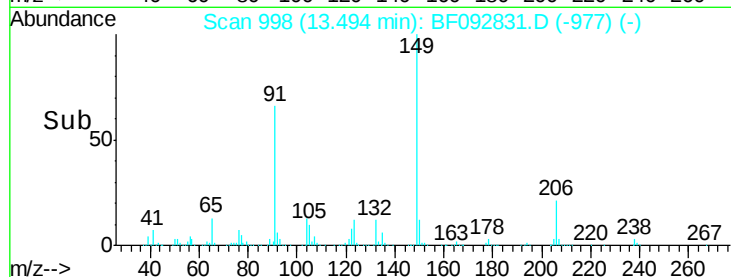
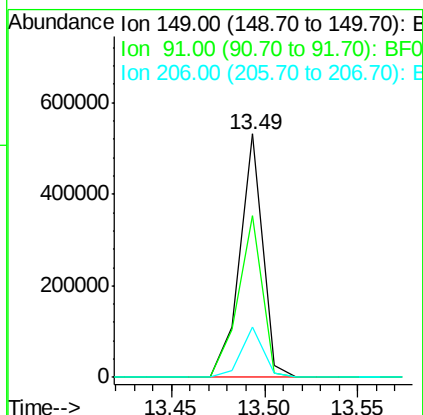
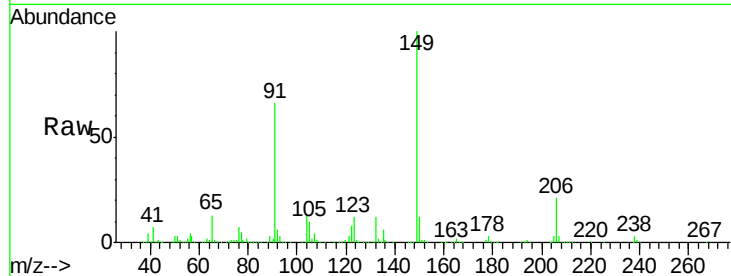




#79
Butylbenzylphthalate
Concen: 38.52 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

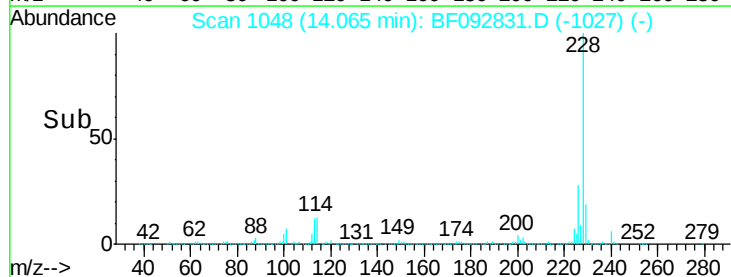
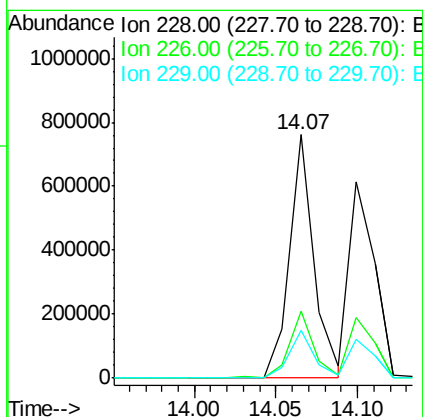
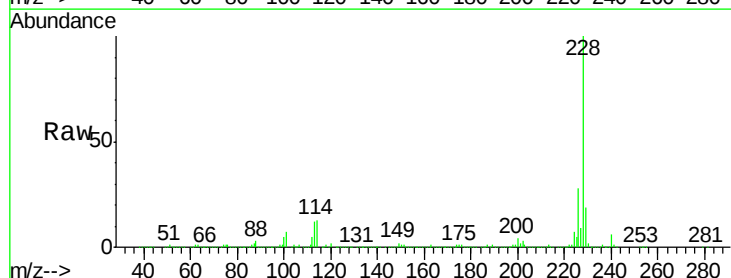
Instrument :
BNA_F
ClientSampleId :
PB96775BS

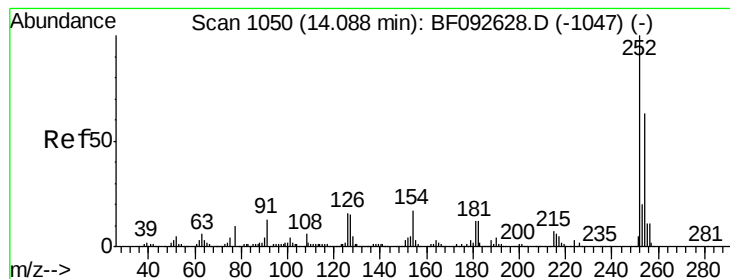
Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.2	63.9	95.9
206	20.6	14.6	21.8



#80
Benzo(a)anthracene
Concen: 33.18 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.06 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	19.4	16.2	24.4

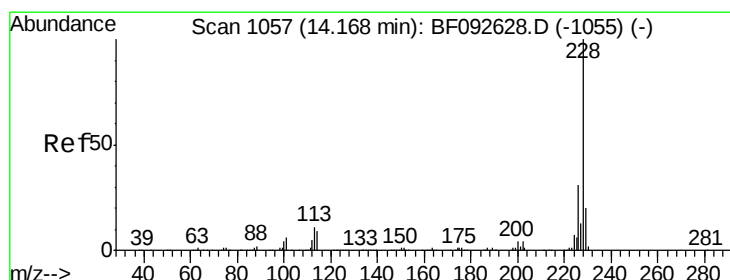
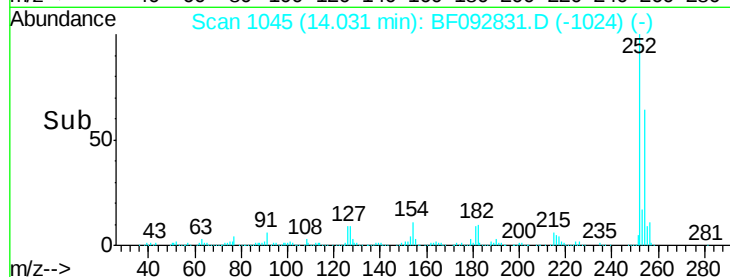
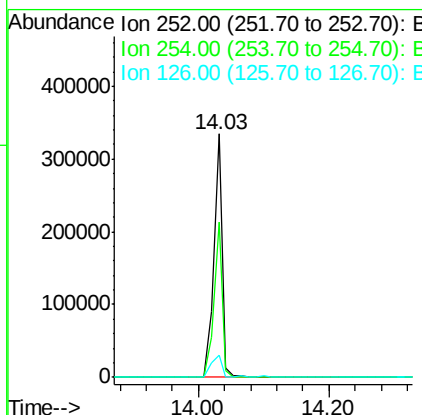
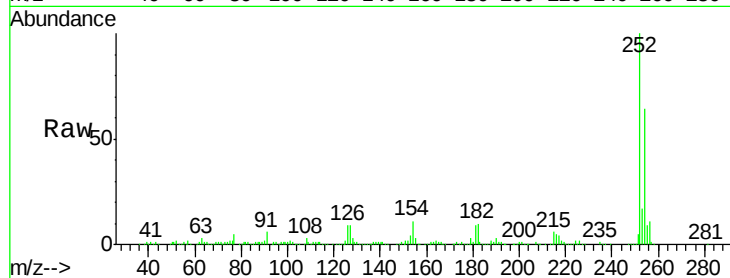




#81
 3,3'-Dichlorobenzidine
 Concen: 36.09 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

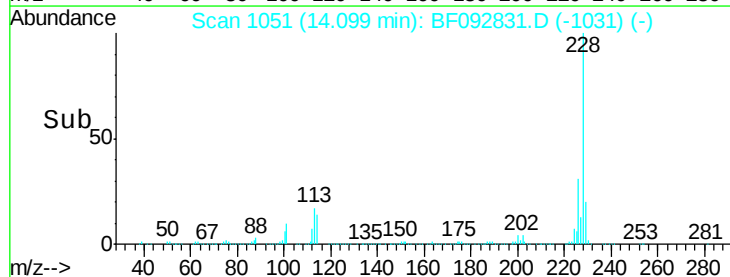
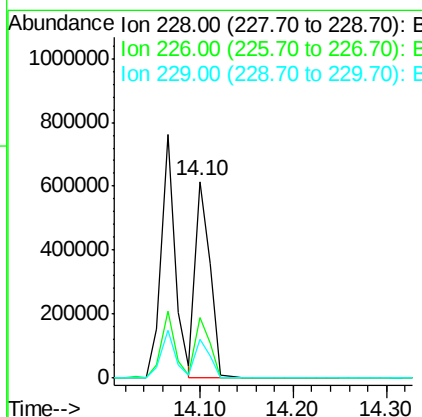
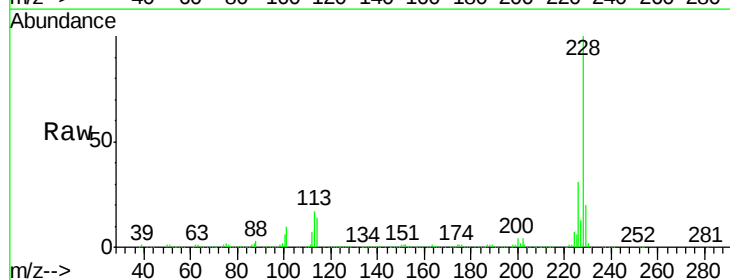
Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

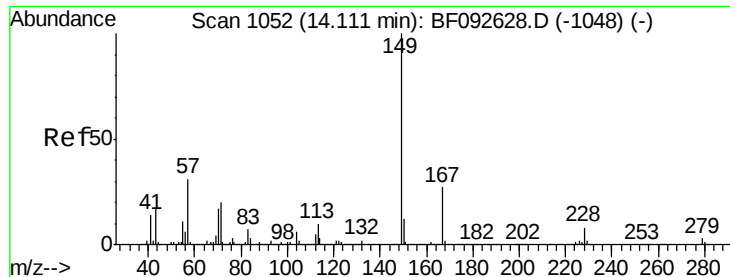
Tgt Ion:252 Resp: 308928
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.3 78.5
 126 9.2 13.6 20.4#



#82
 Chrysene
 Concen: 30.27 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.07 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion:228 Resp: 680572
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.0
 229 19.9 16.2 24.2

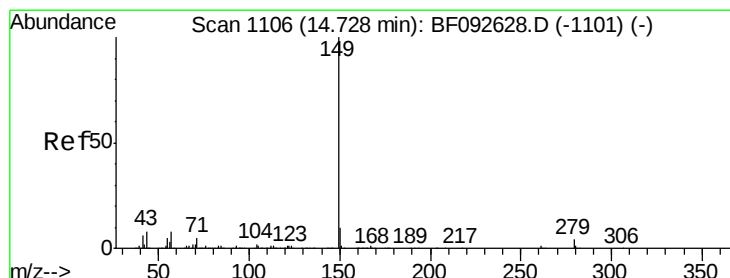
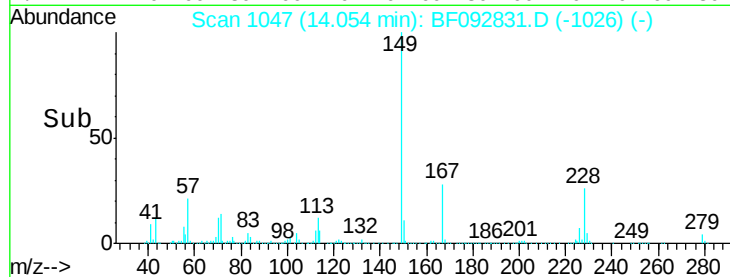
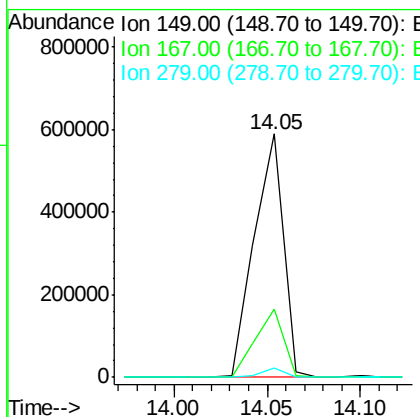
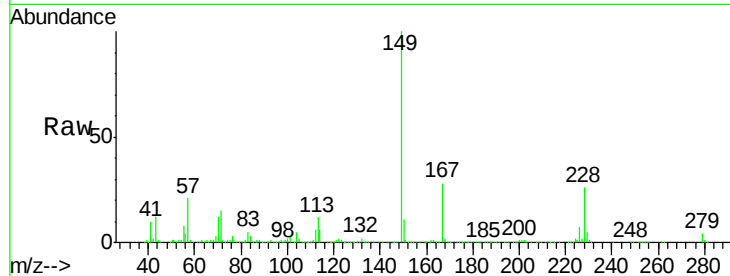




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.92 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.06 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

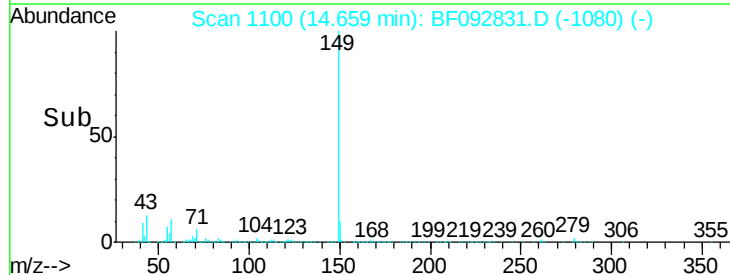
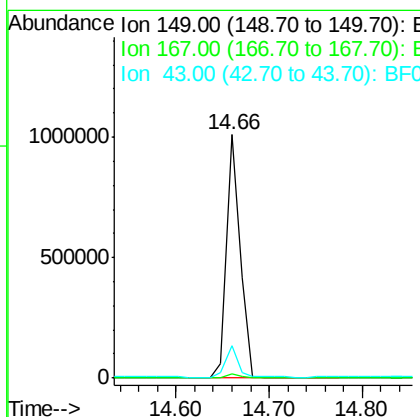
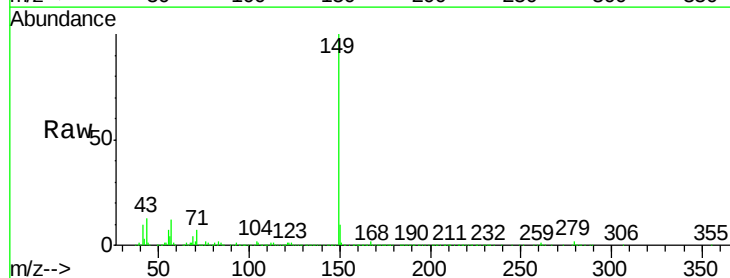
Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

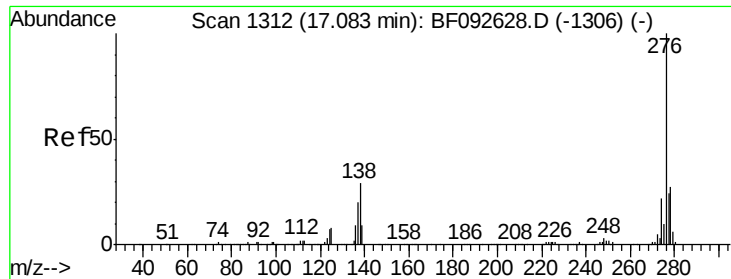
Tgt Ion:149 Resp: 635137
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.2 30.4
 279 4.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 38.64 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.07 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion:149 Resp: 1026902
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.3 8.9 13.3

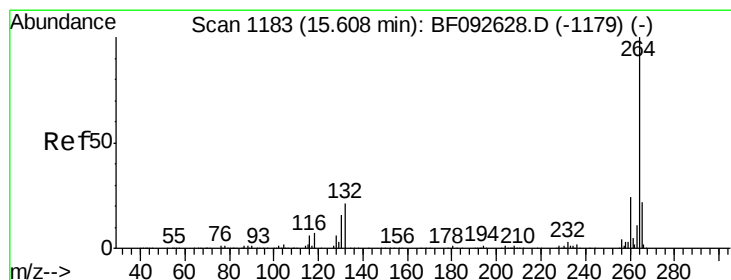
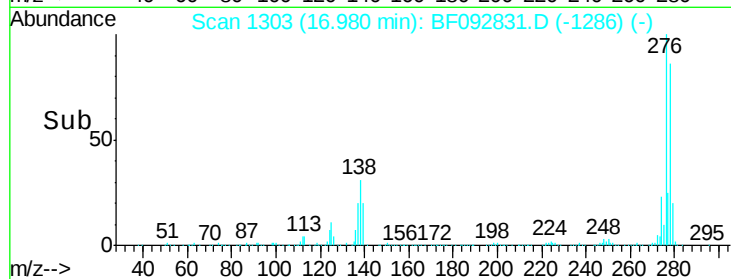
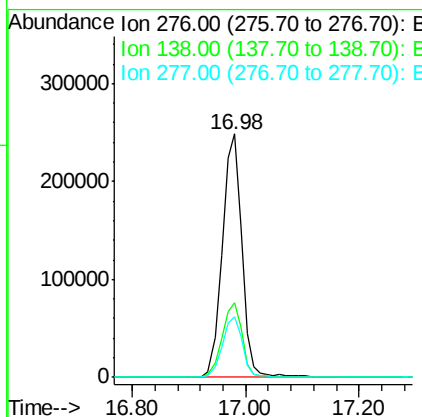
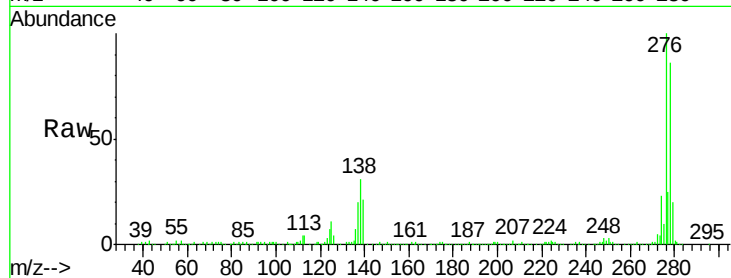




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.54 ng
 RT: 16.98 min Scan# 1303
 Delta R.T. -0.10 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

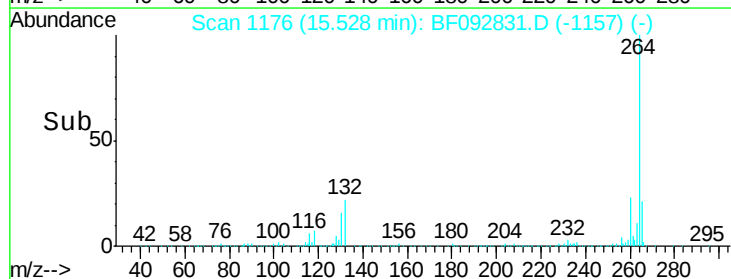
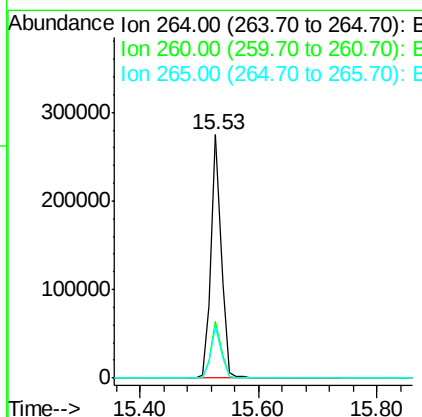
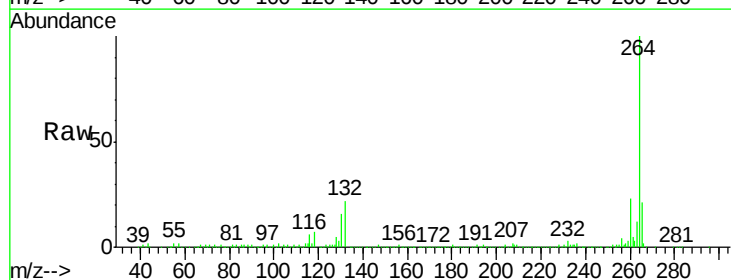
Instrument :
 BNA_F
 ClientSampleId :
 PB96775BS

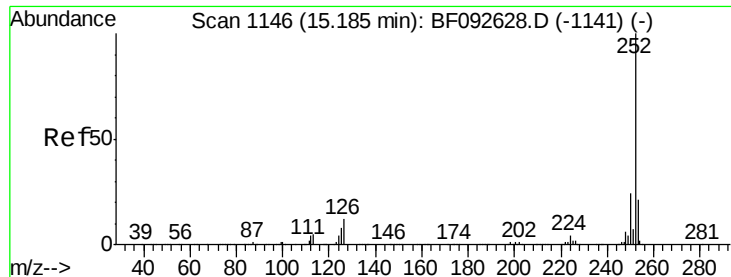
Tgt Ion: 276 Resp: 601653
 Ion Ratio Lower Upper
 276 100
 138 31.5 21.8 32.6
 277 25.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF092831.D
 Acq: 7 Feb 2017 16:39

Tgt Ion: 264 Resp: 330235
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.0 17.4 26.0

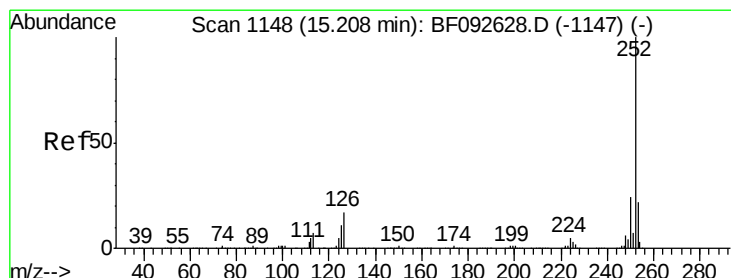
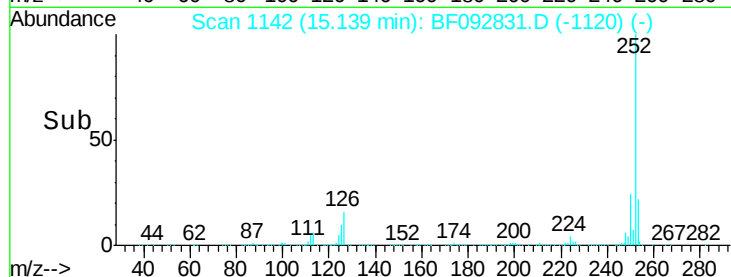
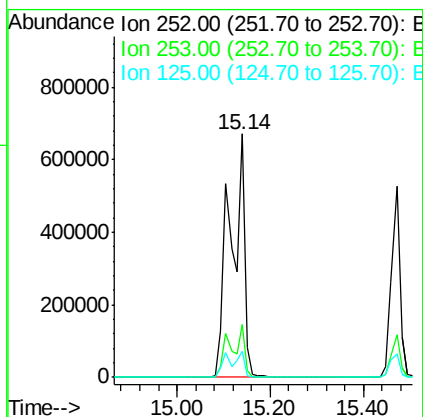
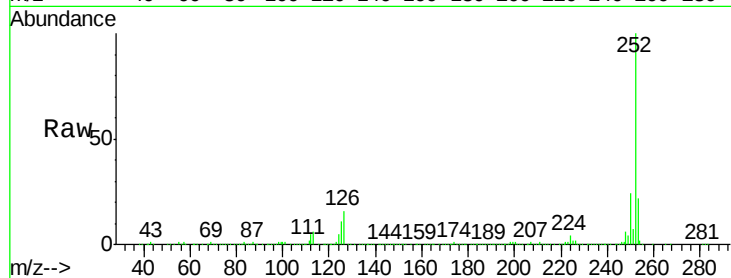




#87
Benzo(b)fluoranthene
Concen: 66.23 ng
RT: 15.14 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

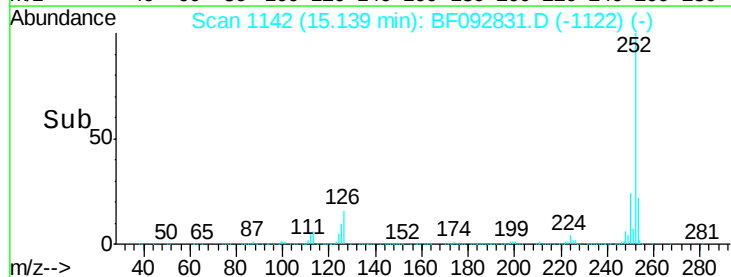
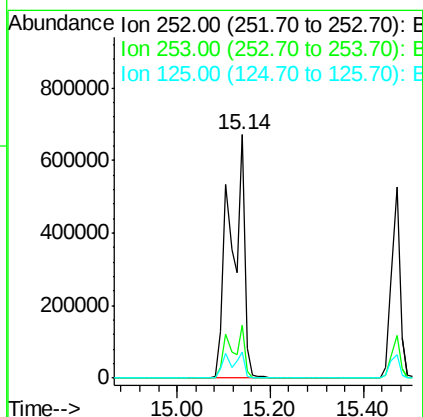
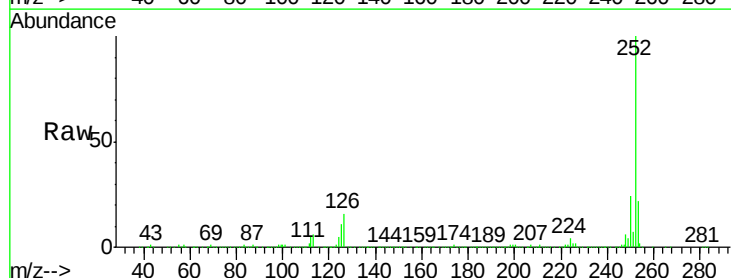
Instrument :
BNA_F
ClientSampleId :
PB96775BS

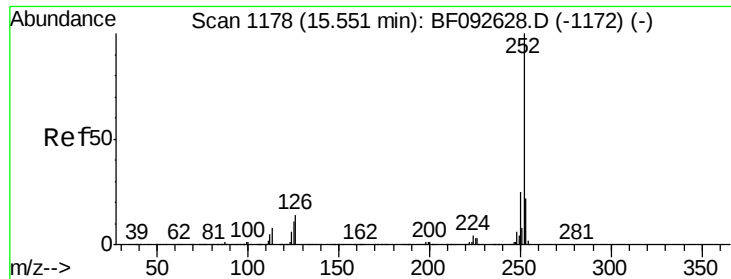
Tgt Ion:252 Resp: 1439518
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 10.5 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 76.70 ng
RT: 15.14 min Scan# 1142
Delta R.T. -0.07 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion:252 Resp: 1439518
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 10.5 8.9 13.3

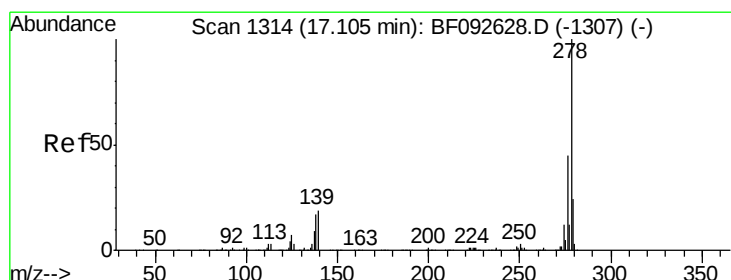
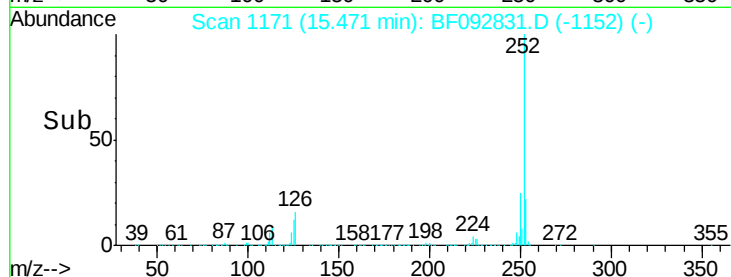
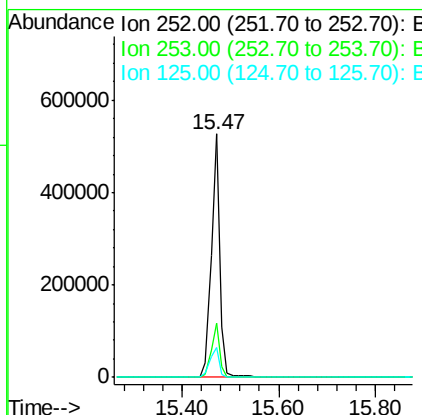
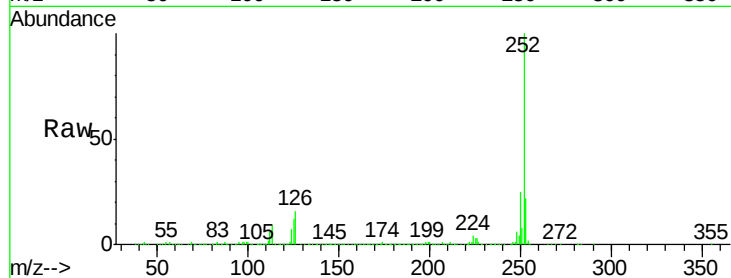




#89
Benzo(a)pyrene
Concen: 34.88 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.08 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

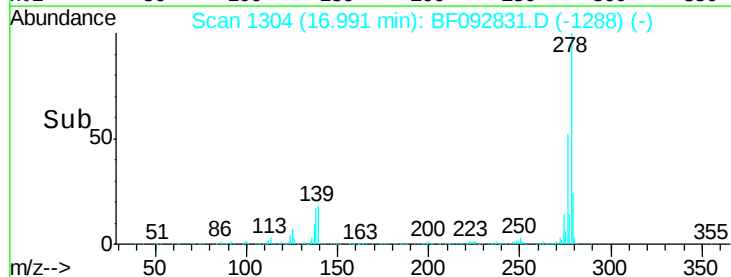
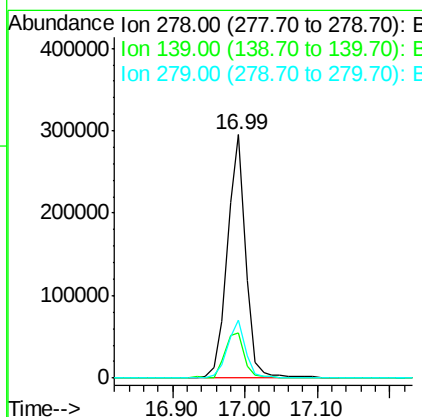
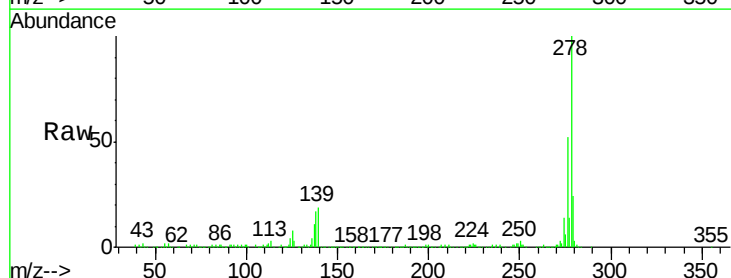
Instrument :
BNA_F
ClientSampleId :
PB96775BS

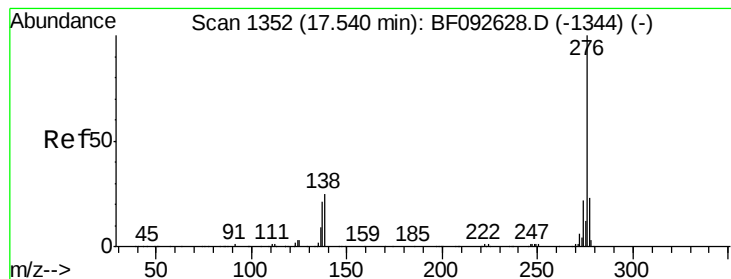
Tgt Ion:252 Resp: 655807
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 12.3 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 34.01 ng
RT: 16.99 min Scan# 1304
Delta R.T. -0.11 min
Lab File: BF092831.D
Acq: 7 Feb 2017 16:39

Tgt Ion:278 Resp: 516833
Ion Ratio Lower Upper
278 100
139 18.6 14.8 22.2
279 23.7 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 31.66 ng

RT: 17.41 min Scan# 1341

Delta R.T. -0.13 min

Lab File: BF092831.D

Acq: 7 Feb 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB96775BS

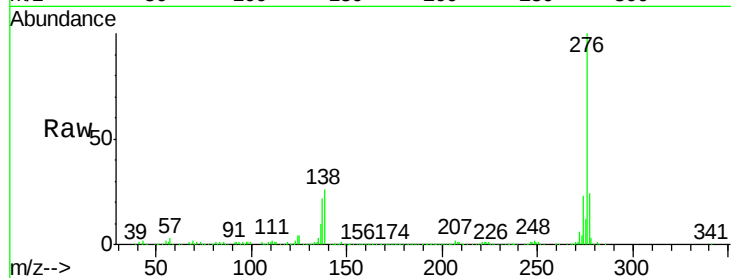
Tgt Ion: 276 Resp: 485961

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 26.5 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

