

Data File : BF093108.D
Acq On : 23 Feb 2017 17:01
Operator : SJ/MA
Sample : PB97124BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Quant Time: Feb 23 23:47:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	164493	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	622852	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	308558	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	542824	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	433846	20.00	ng	-0.02
86) Perylene-d12	15.43	264	350323	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1126711	117.51	ng	-0.01
7) Phenol-d6	6.49	99	1477349	119.75	ng	0.00
23) Nitrobenzene-d5	7.41	82	929249	83.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	292432	131.04	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1730989	101.63	ng	-0.01
78) Terphenyl-d14	12.94	244	1373839	74.41	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	146641	28.30	ng	# 86
3) Pyridine	3.15	79	433298	32.89	ng	88
4) n-Nitrosodimethylamine	3.10	42	251624	40.68	ng	86
6) Aniline	6.51	93	564633	33.55	ng	# 46
8) 2-Chlorophenol	6.62	128	441037	41.70	ng	93
9) Benzaldehyde	6.38	77	191837	21.71	ng	94
10) Phenol	6.50	94	621610	43.07	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	432592	37.55	ng	91
12) 1,3-Dichlorobenzene	6.78	146	490463	39.59	ng	99
13) 1,4-Dichlorobenzene	6.85	146	489488	39.04	ng	99
14) 1,2-Dichlorobenzene	7.01	146	490264	40.89	ng	96
15) Benzyl Alcohol	6.99	79	352498	38.60	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	799519	39.95	ng	94
17) 2-Methylphenol	7.10	107	382314	42.13	ng	97
18) Hexachloroethane	7.36	117	170366	39.80	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	313231	39.89	ng	99
20) 3+4-Methylphenols	7.26	107	450540	41.53	ng	97
22) Acetophenone	7.25	105	604473	42.51	ng	# 95
24) Nitrobenzene	7.44	77	527910	45.97	ng	# 87
25) Isophorone	7.68	82	938897	45.05	ng	99
26) 2-Nitrophenol	7.74	139	240025	43.97	ng	94
27) 2,4-Dimethylphenol	7.79	122	435231	45.39	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	579384	41.97	ng	97
29) 2,4-Dichlorophenol	8.00	162	406400	45.45	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	404689	42.00	ng	98
31) Naphthalene	8.14	128	1246270	39.47	ng	99
32) Benzoic acid	7.94	122	250355	46.37	ng	94
33) 4-Chloroaniline	8.20	127	331525	26.77	ng	98
34) Hexachlorobutadiene	8.27	225	214494	40.46	ng	98
35) Caprolactam	8.58	113	91118	32.39	ng	# 30
36) 4-Chloro-3-methylphenol	8.69	107	431202	46.25	ng	99
37) 2-Methylnaphthalene	8.84	142	906557	44.72	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	361168	41.70	ng	99
40) Hexachlorocyclopentadiene	8.99	237	320702	82.07	ng	95

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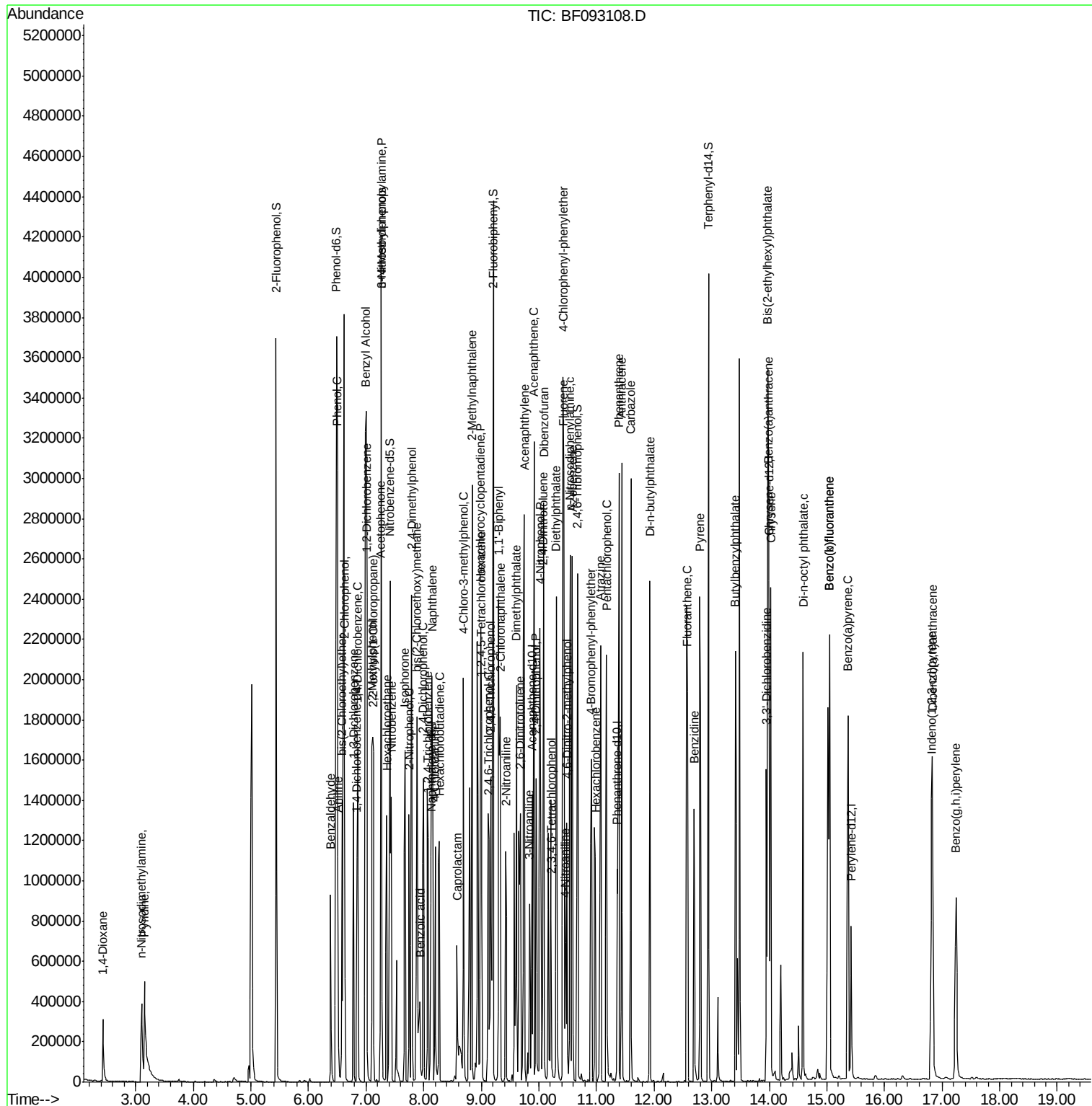
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	275725	48.45	ng	95
43) 2,4,5-Trichlorophenol	9.16	196	286964	46.02	ng	96
45) 1,1'-Biphenyl	9.30	154	1012159	45.30	ng	96
46) 2-Chloronaphthalene	9.33	162	848177	48.53	ng	96
47) 2-Nitroaniline	9.42	65	265067	45.11	ng	94
48) Acenaphthylene	9.74	152	1355939	44.91	ng	98
49) Dimethylphthalate	9.61	163	949241	45.67	ng	99
50) 2,6-Dinitrotoluene	9.68	165	245615	54.72	ng	88
51) Acenaphthene	9.92	154	809924	44.87	ng	96
52) 3-Nitroaniline	9.84	138	151906	29.57	ng	90
53) 2,4-Dinitrophenol	9.95	184	219827	95.31	ng	# 56
54) Dibenzofuran	10.09	168	1142552	47.32	ng	95
55) 4-Nitrophenol	10.02	139	355036	95.97	ng	89
56) 2,4-Dinitrotoluene	10.08	165	259684	43.46	ng	# 92
57) Fluorene	10.43	166	920682	49.56	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	218713	52.58	ng	96
59) Diethylphthalate	10.30	149	926555	47.31	ng	98
60) 4-Chlorophenyl-phenylether	10.42	204	407806	45.70	ng	87
61) 4-Nitroaniline	10.46	138	263552	50.10	ng	# 76
62) Azobenzene	10.58	77	1081515	53.45	ng	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	166598	50.29	ng	# 67
65) n-Nitrosodiphenylamine	10.54	169	831678	47.96	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	260206	45.88	ng	# 86
67) Hexachlorobenzene	10.98	284	247473	44.16	ng	# 89
68) Atrazine	11.07	200	259732	46.67	ng	98
69) Pentachlorophenol	11.17	266	266094	90.90	ng	98
70) Phenanthrene	11.39	178	1370301	44.06	ng	98
71) Anthracene	11.44	178	1264745	40.50	ng	99
72) Carbazole	11.60	167	1189741	39.85	ng	99
73) Di-n-butylphthalate	11.93	149	1601838	49.61	ng	# 96
74) Fluoranthene	12.58	202	1362218	42.46	ng	90
76) Benzidine	12.69	184	558495	30.21	ng	97
77) Pyrene	12.80	202	1380643	42.52	ng	99
79) Butylbenzylphthalate	13.41	149	643544	48.81	ng	99
80) Benzo(a)anthracene	13.99	228	1104489	41.62	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	293155	30.99	ng	98
82) Chrysene	14.03	228	1145009	46.09	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	829328	45.99	ng	99
84) Di-n-octyl phthalate	14.59	149	1512916	51.53	ng	99
85) Indeno(1,2,3-cd)pyrene	16.82	276	825402	42.89	ng	# 94
87) Benzo(b)fluoranthene	15.05	252	1958182	84.92	ng	98
88) Benzo(k)fluoranthene	15.05	252	1958893	98.39	ng	98
89) Benzo(a)pyrene	15.37	252	905051	45.38	ng	99
90) Dibenzo(a,h)anthracene	16.83	278	684295	42.45	ng	96
91) Benzo(g,h,i)perylene	17.24	276	702133	43.12	ng	# 90

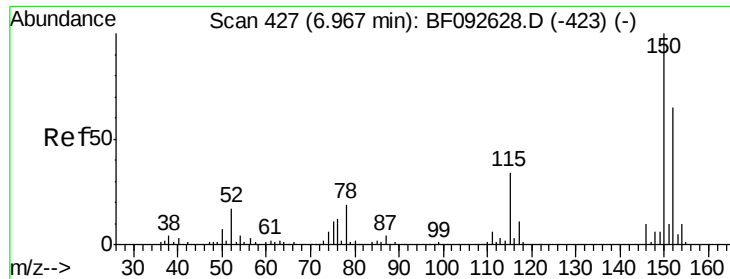
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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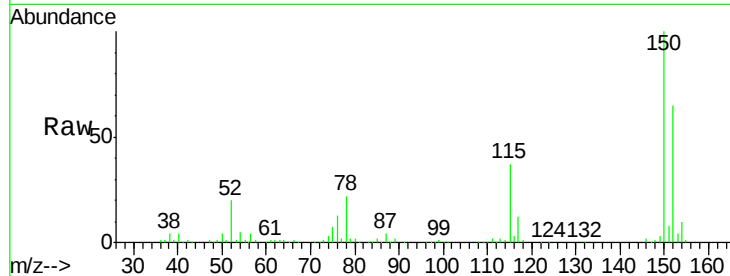
Tgt Ion:152 Resp: 164493

Ion Ratio Lower Upper

152 100

150 153.7 124.9 187.3

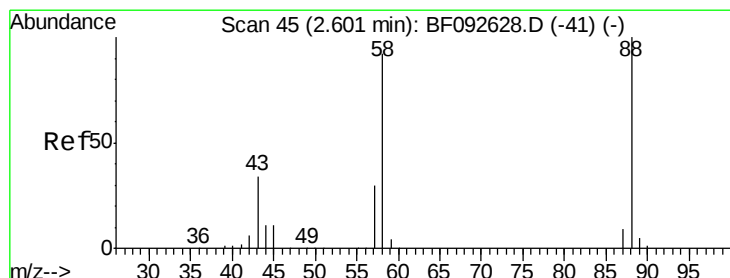
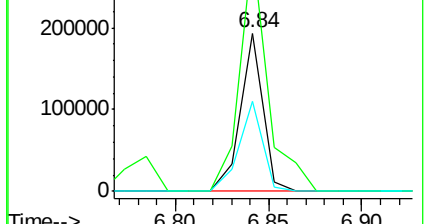
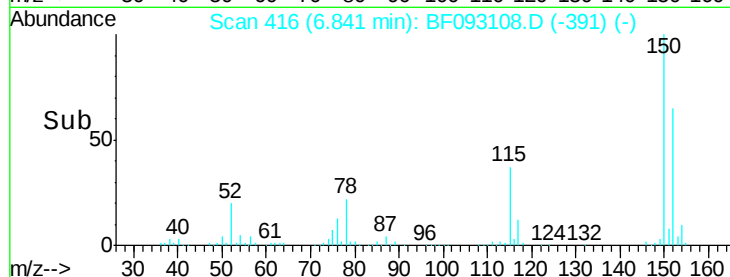
115 57.2 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.30 ng

RT: 2.43 min Scan# 30

Delta R.T. -0.00 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

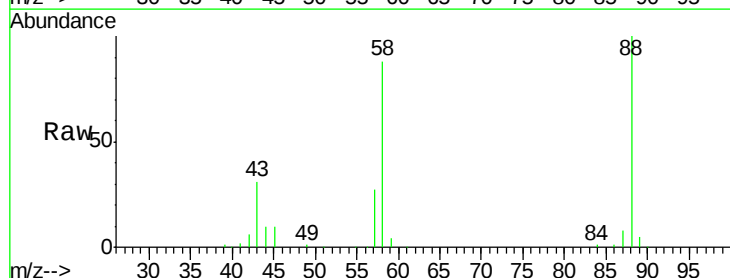
Tgt Ion: 88 Resp: 146641

Ion Ratio Lower Upper

88 100

58 87.1 57.8 86.8#

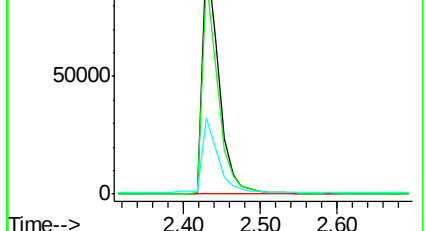
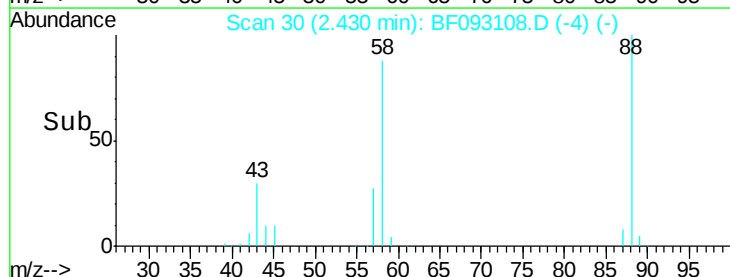
43 30.5 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.89 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.00 min

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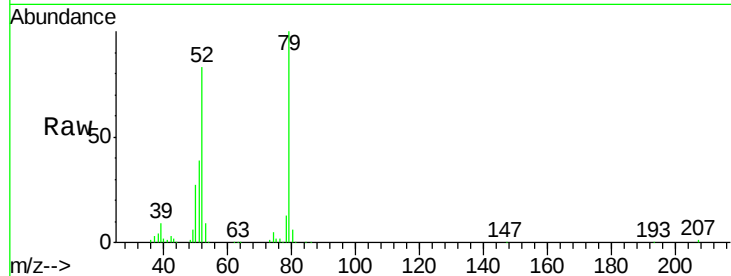
Tgt Ion: 79 Resp: 433298

Ion Ratio Lower Upper

79 100

52 83.0 57.1 85.7

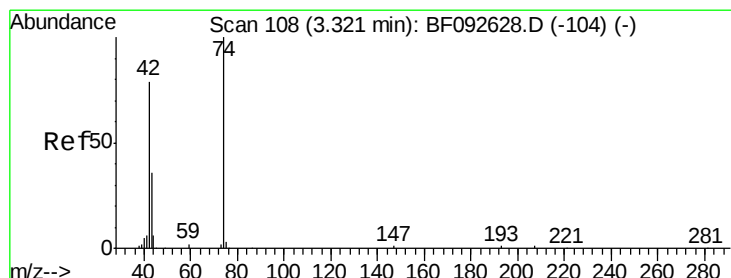
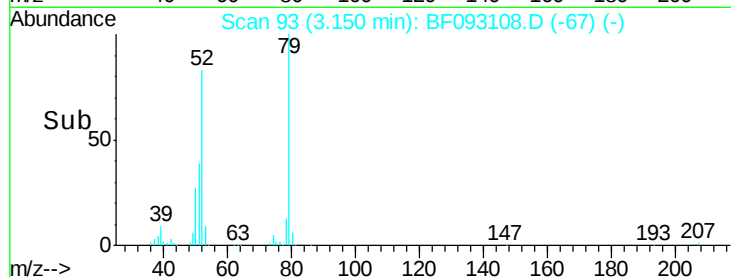
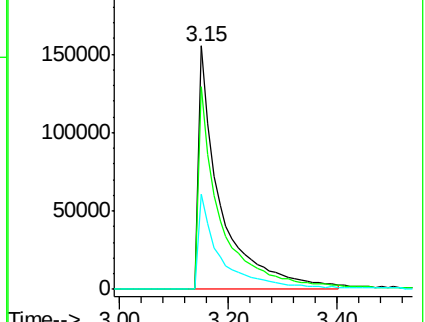
51 39.0 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.68 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.00 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

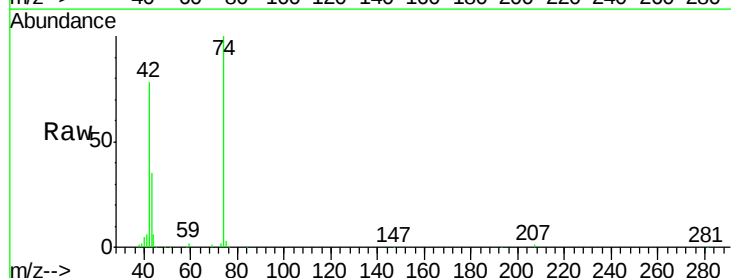
Tgt Ion: 42 Resp: 251624

Ion Ratio Lower Upper

42 100

74 128.4 117.0 175.4

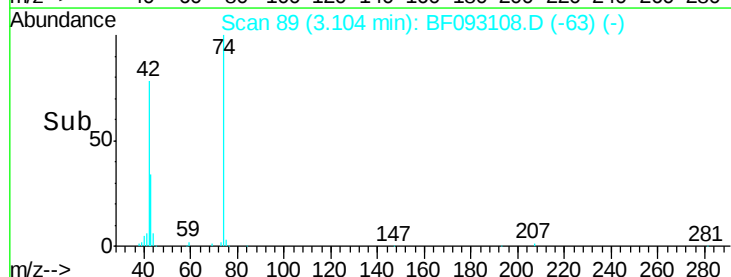
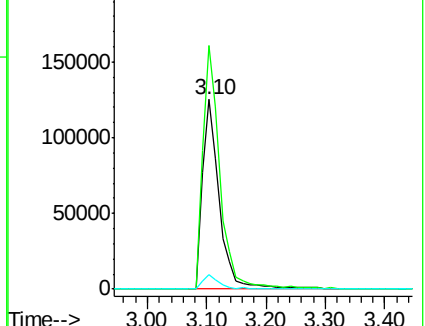
44 7.6 5.5 8.3

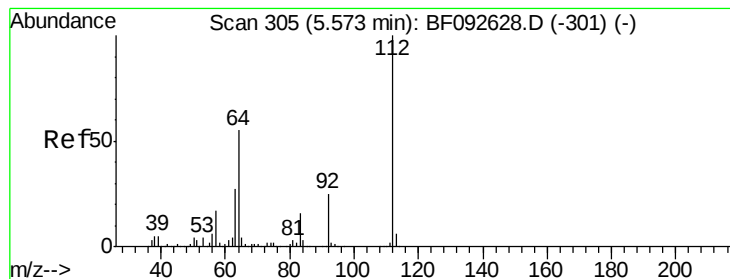


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.51 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

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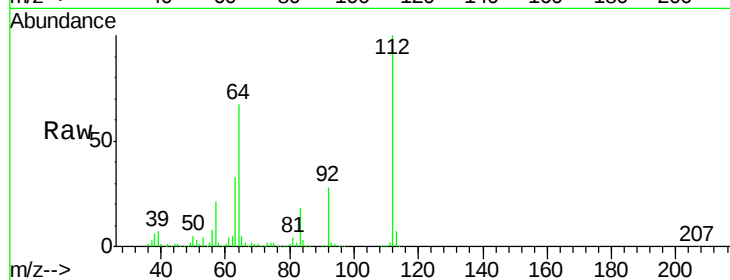
Tgt Ion: 112 Resp: 1126711

Ion Ratio Lower Upper

112 100

64 67.0 46.1 69.1

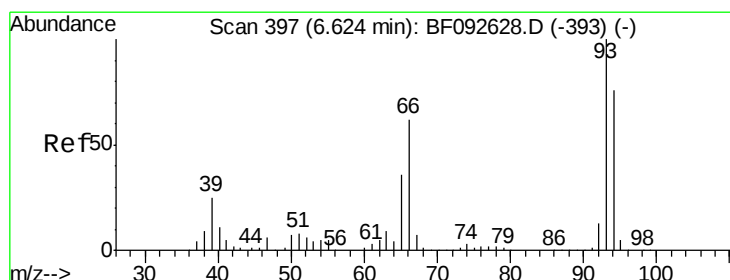
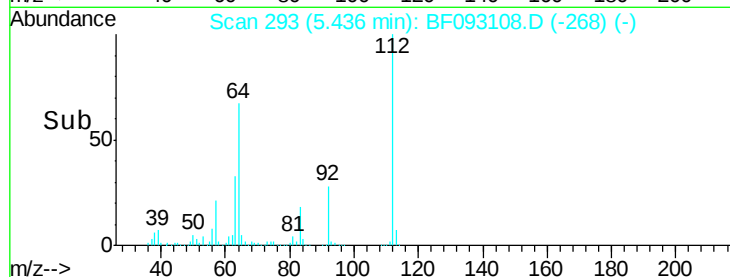
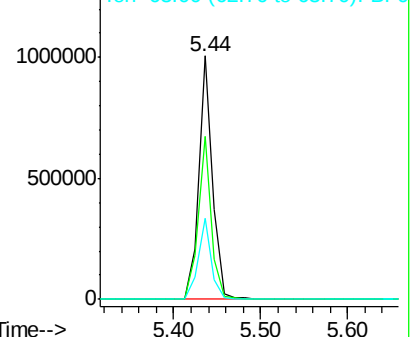
63 33.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.55 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

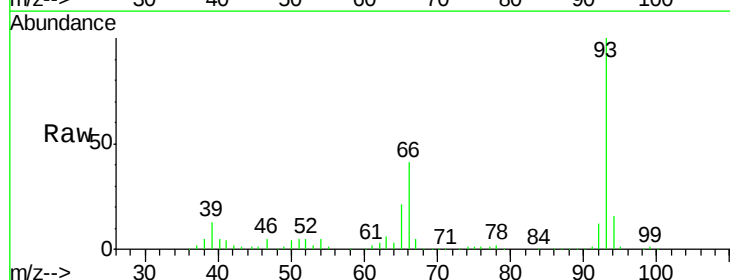
Tgt Ion: 93 Resp: 564633

Ion Ratio Lower Upper

93 100

66 41.3 76.2 114.2#

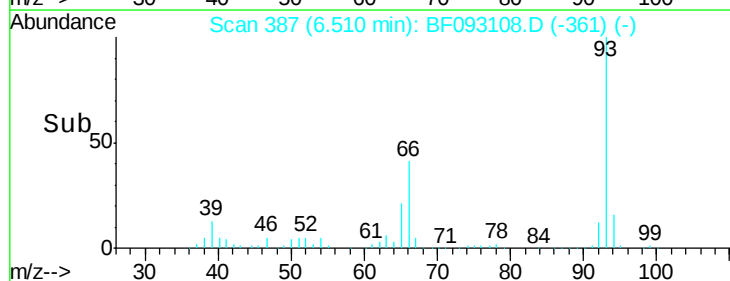
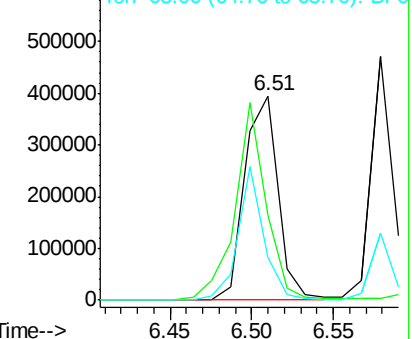
65 20.9 49.3 73.9#

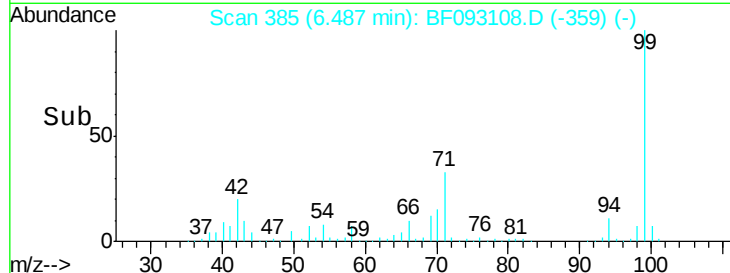
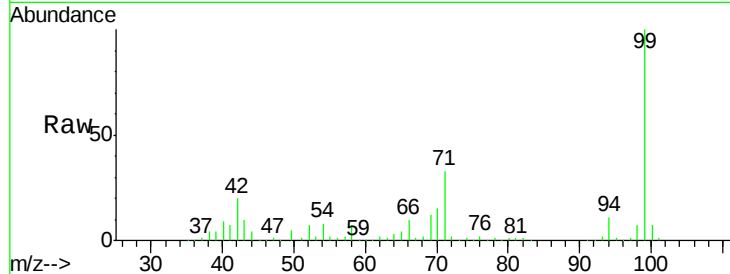


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.75 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

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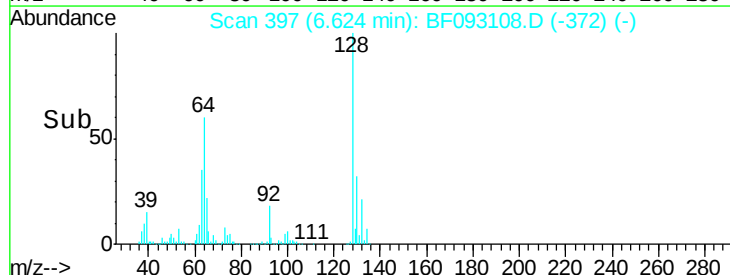
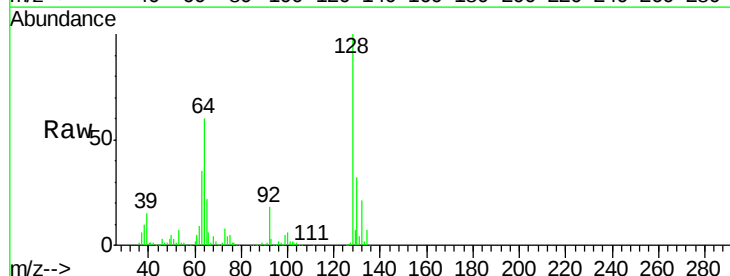
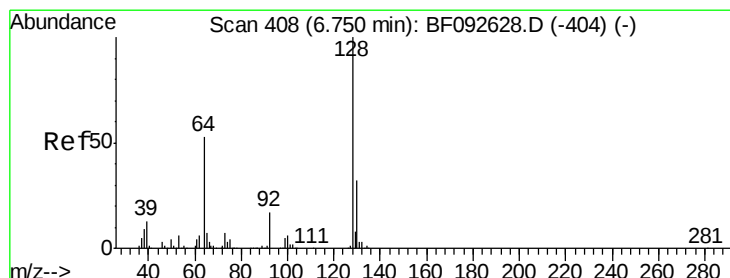
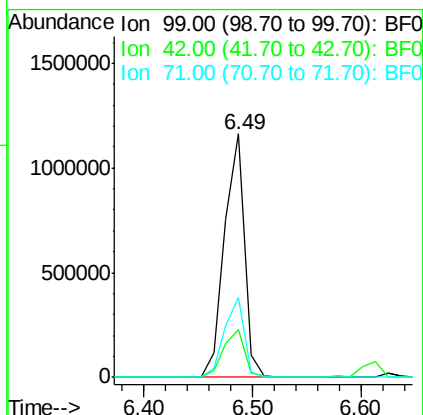
Tgt Ion: 99 Resp: 1477349

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 32.5 27.5 41.3



#8

2-Chlorophenol

Concen: 41.70 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

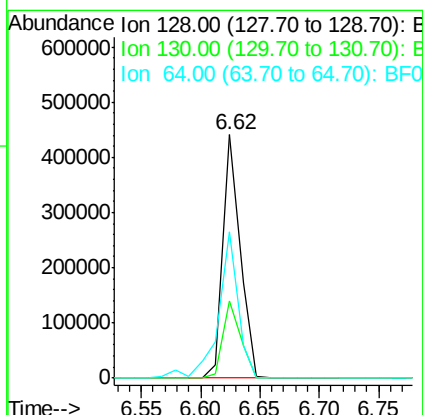
Tgt Ion: 128 Resp: 441037

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

64 60.1 32.2 72.2

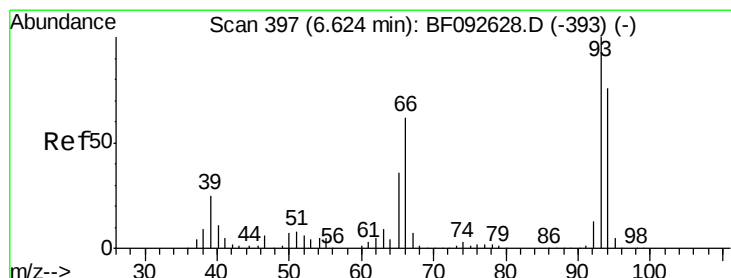
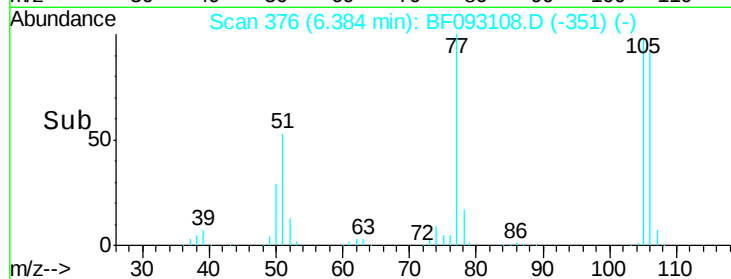
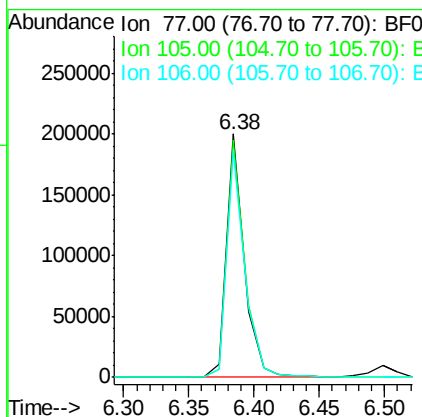
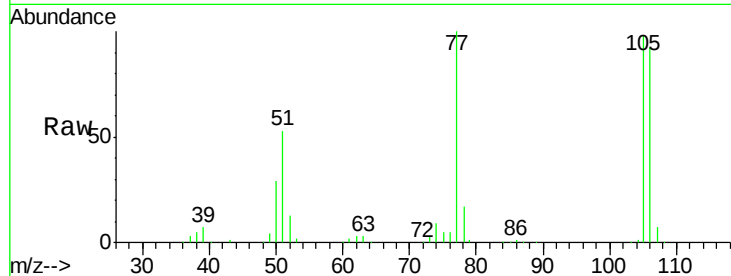




#9
Benzaldehyde
Concen: 21.71 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

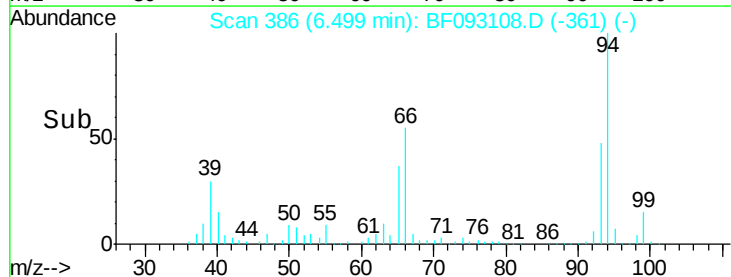
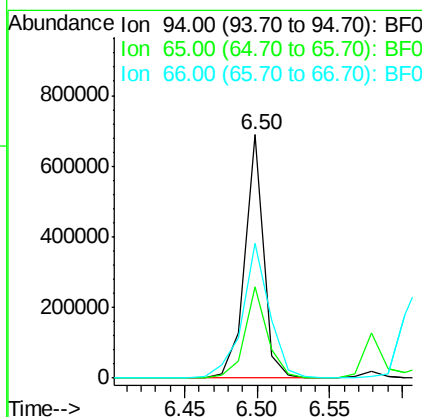
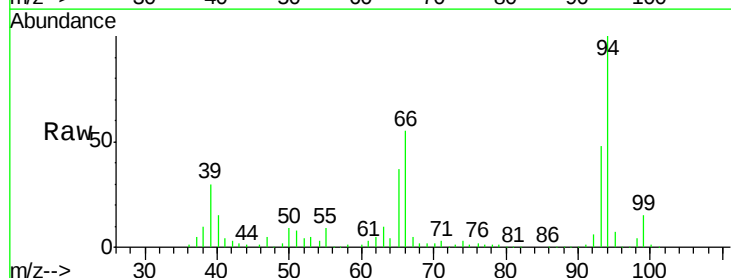
Instrument :
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Tgt Ion: 77 Resp: 191837
Ion Ratio Lower Upper
77 100
105 97.6 83.9 123.9
106 92.5 77.6 117.6



#10
Phenol
Concen: 43.07 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion: 94 Resp: 621610
Ion Ratio Lower Upper
94 100
65 37.4 21.4 61.4
66 55.4 44.0 84.0

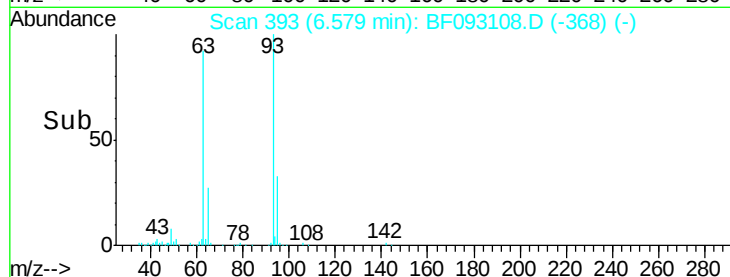
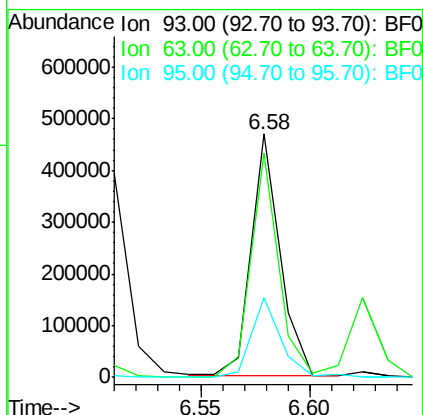
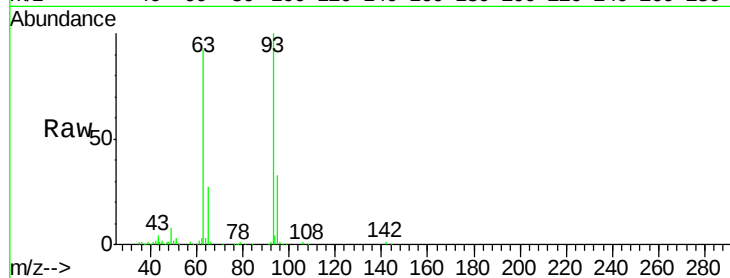




#11
bis(2-Chloroethyl)ether
Concen: 37.55 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

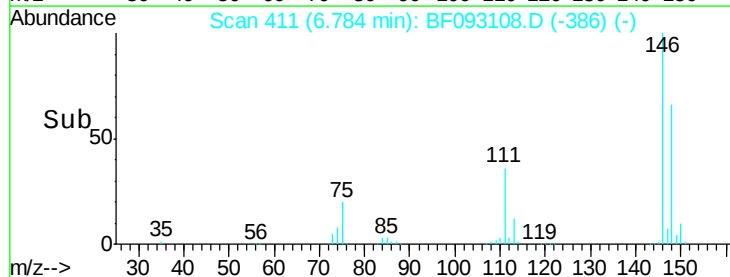
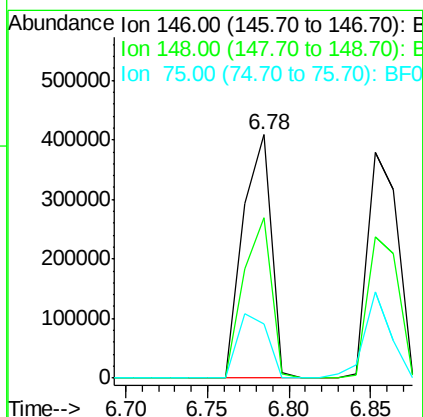
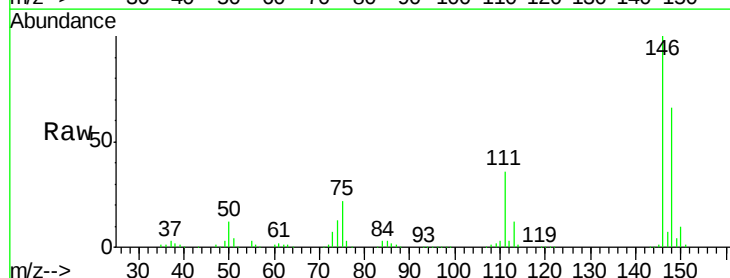
Instrument :
BNA_F
ClientSampleId :
PB97124BS

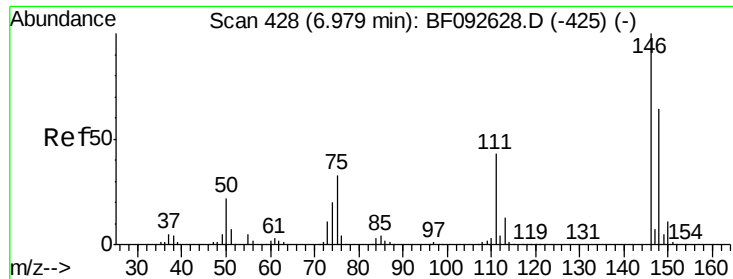
Tgt Ion: 93 Resp: 432592
Ion Ratio Lower Upper
93 100
63 91.9 60.4 100.4
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.59 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion: 146 Resp: 490463
Ion Ratio Lower Upper
146 100
148 65.7 53.4 80.0
75 22.1 18.5 27.7

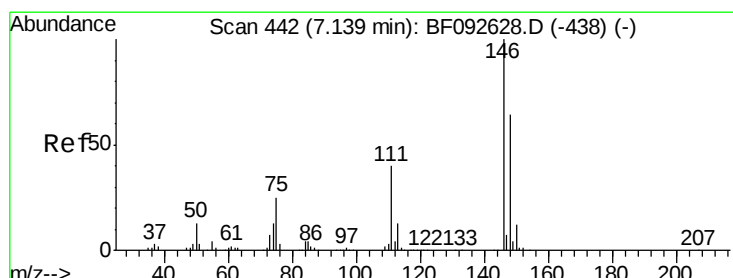
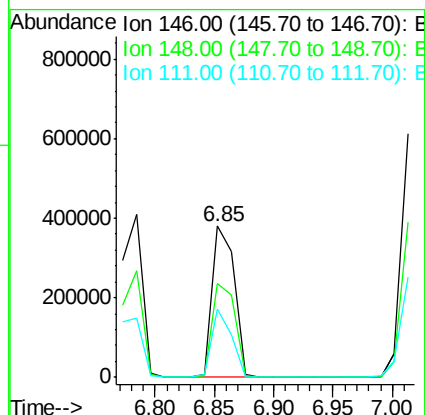
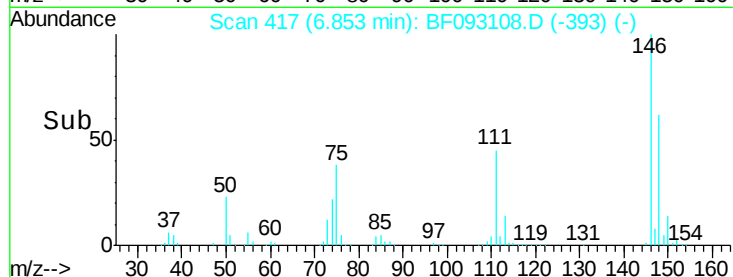
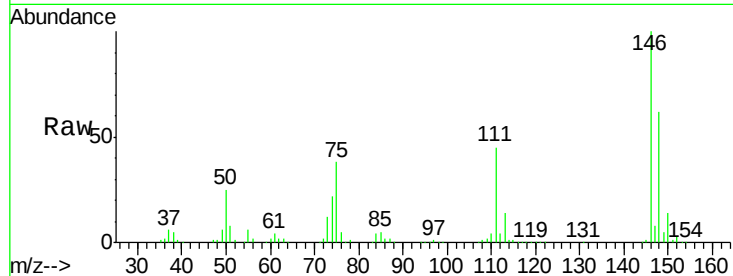




#13
 1,4-Dichlorobenzene
 Concen: 39.04 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

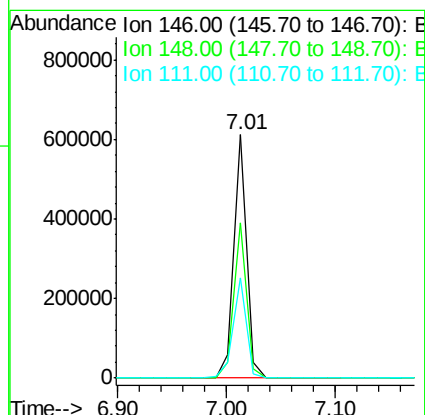
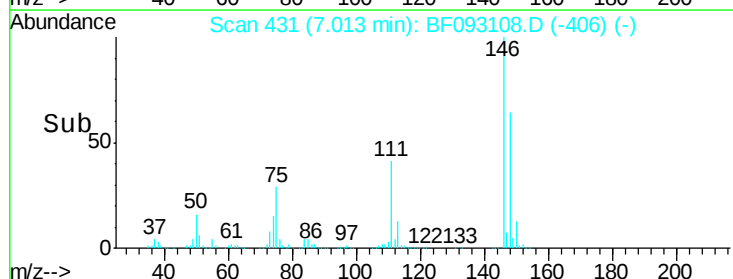
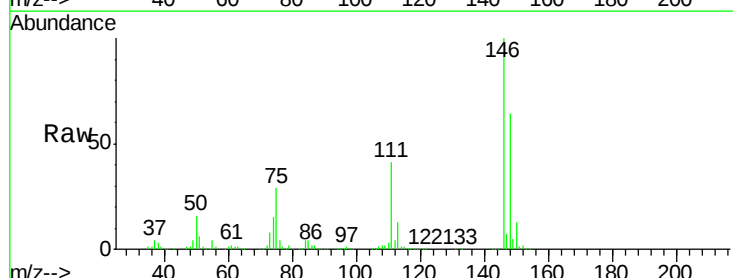
Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

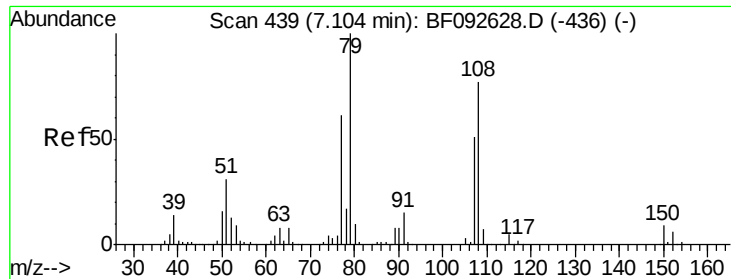
Tgt Ion:146 Resp: 489488
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.6 76.0
 111 44.8 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 40.89 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion:146 Resp: 490264
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 41.1 36.2 54.2





#15

Benzyl Alcohol

Concen: 38.60 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

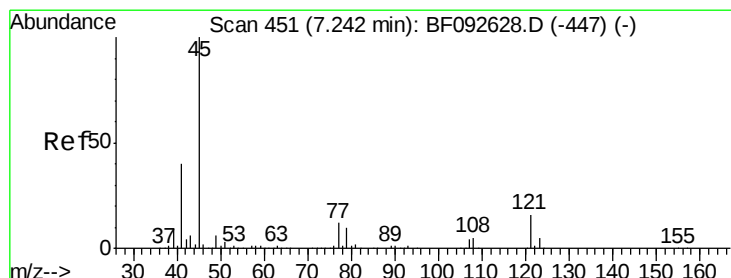
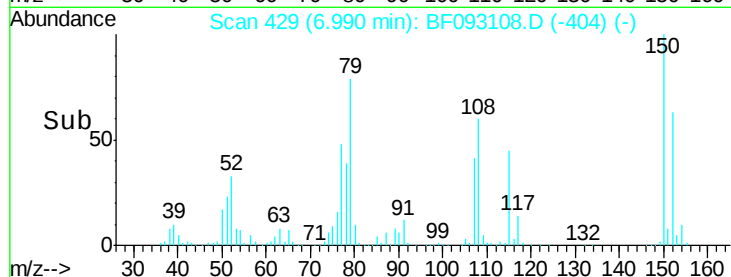
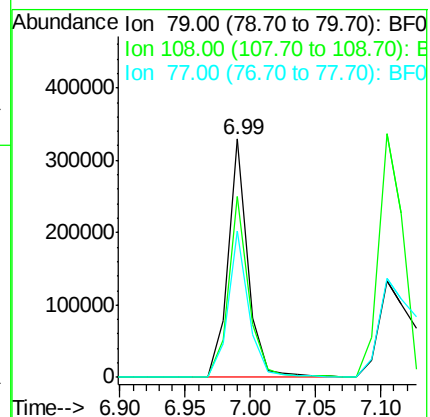
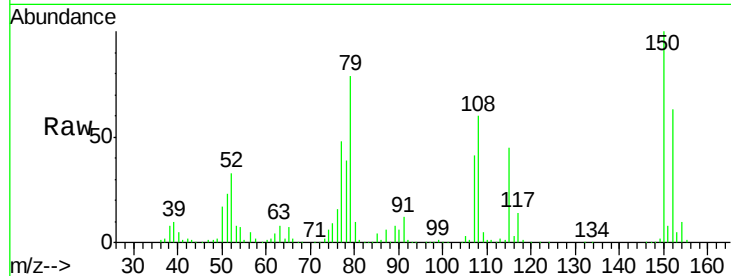
Tgt Ion: 79 Resp: 352498

Ion Ratio Lower Upper

79 100

108 75.7 61.4 92.0

77 61.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.95 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

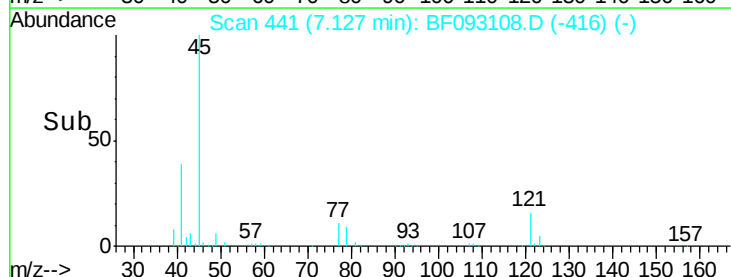
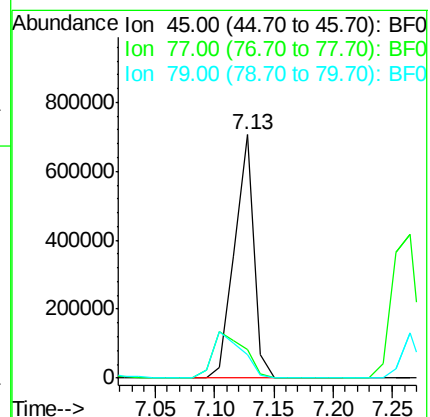
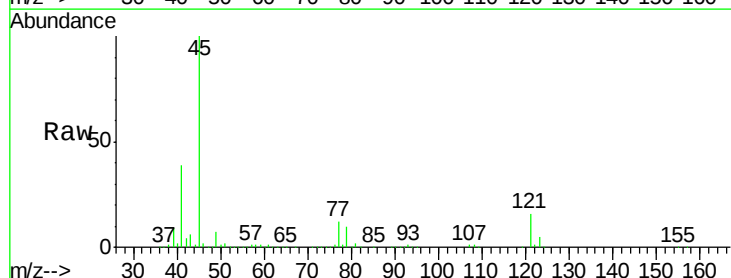
Tgt Ion: 45 Resp: 799519

Ion Ratio Lower Upper

45 100

77 11.8 0.0 34.6

79 9.7 0.0 31.2

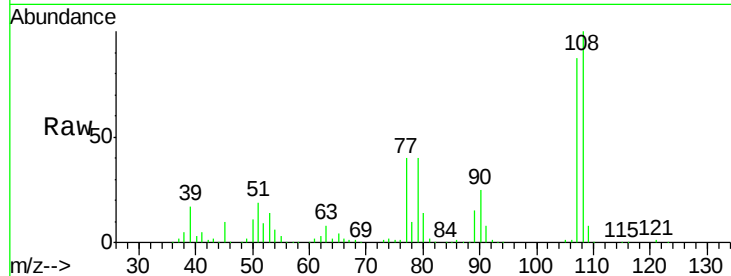




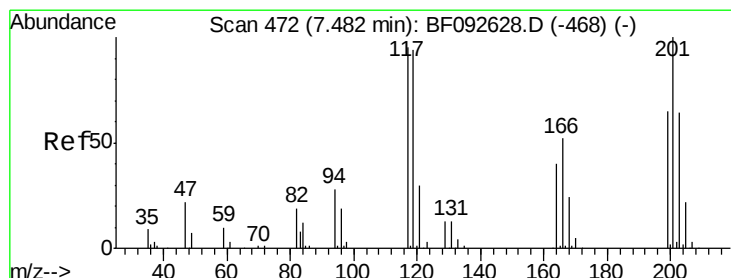
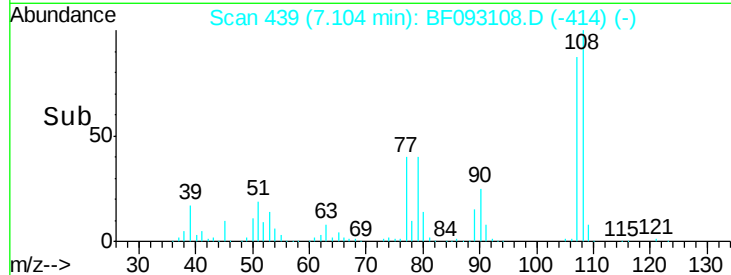
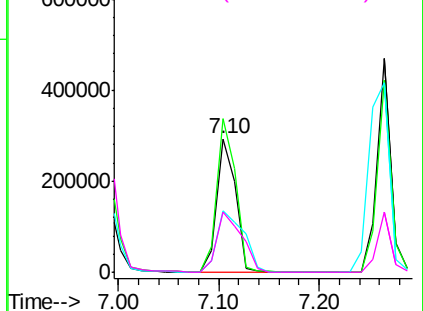
#17
2-Methylphenol
Concen: 42.13 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tgt Ion:	107	Resp:	382314
Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.0	139.6
77	46.3	39.8	59.8
79	45.5	38.0	57.0

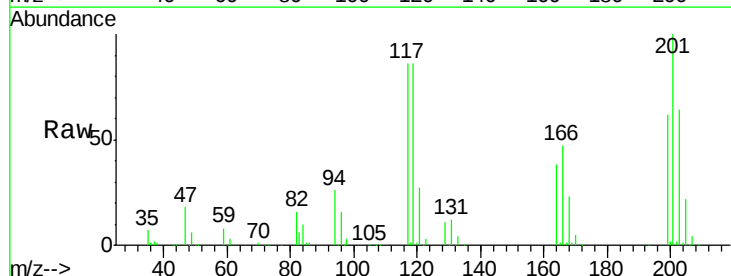


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

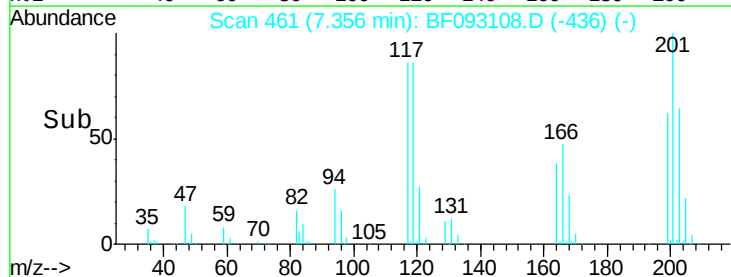
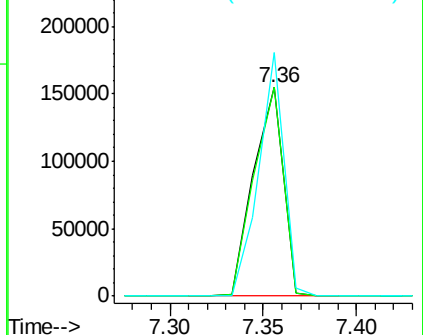


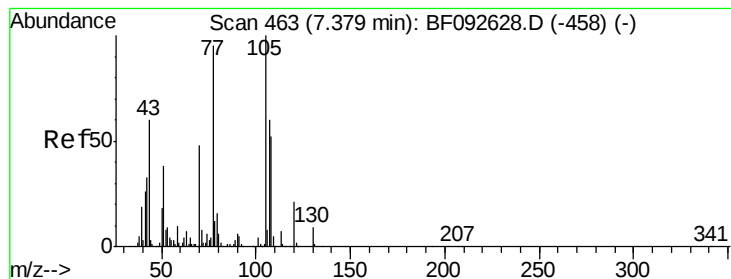
#18
Hexachloroethane
Concen: 39.80 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:	117	Resp:	170366
Ion	Ratio	Lower	Upper
117	100		
119	100.0	78.1	117.1
201	116.6	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: 39.89 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

Tgt Ion: 70 Resp: 313231

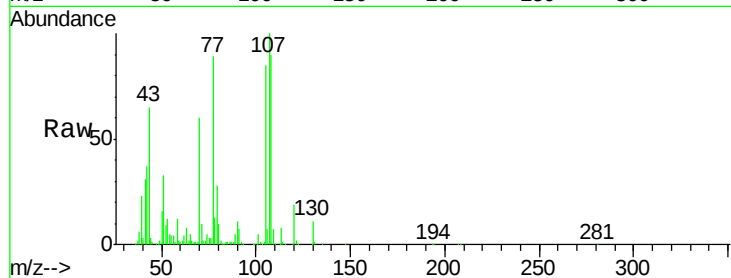
Ion Ratio Lower Upper

70 100

42 61.6 49.4 74.0

101 8.9 7.4 11.2

130 18.7 14.2 21.4

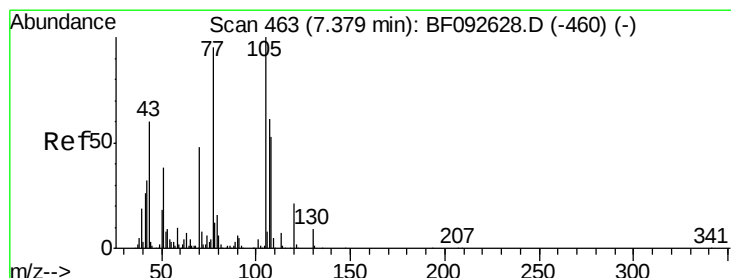
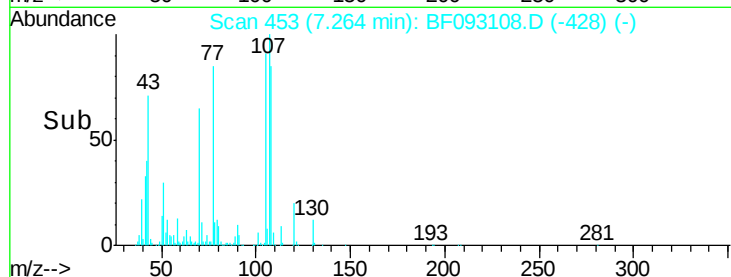
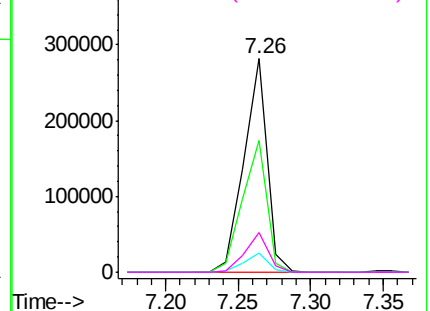


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 41.53 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Tgt Ion: 107 Resp: 450540

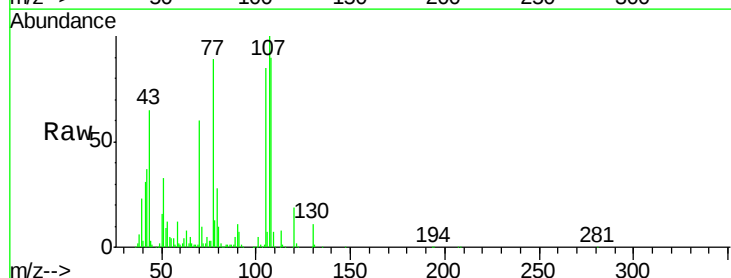
Ion Ratio Lower Upper

107 100

108 89.9 73.0 113.0

77 88.8 71.3 111.3

79 28.2 11.1 51.1

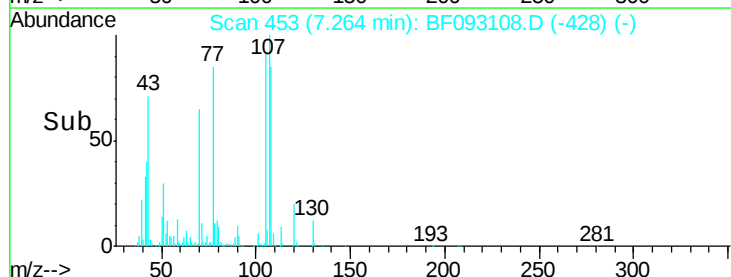
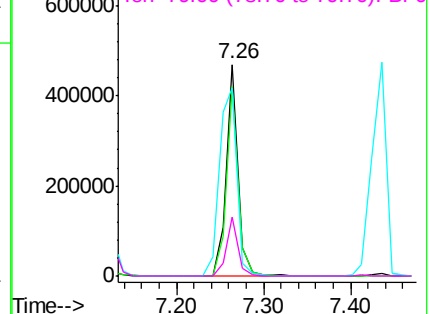


Abundance Ion 107.00 (106.70 to 107.70): E

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

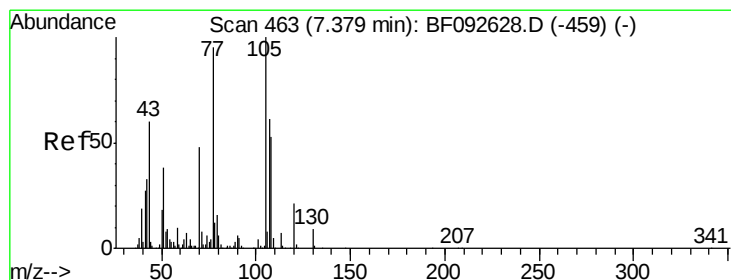
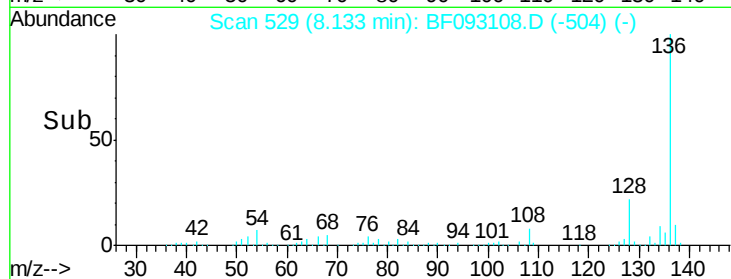
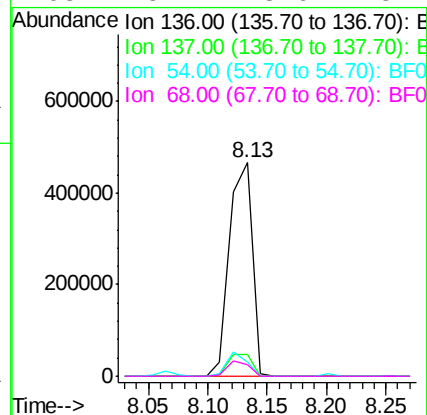
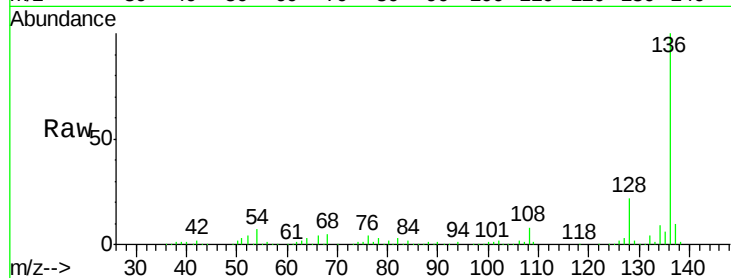




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

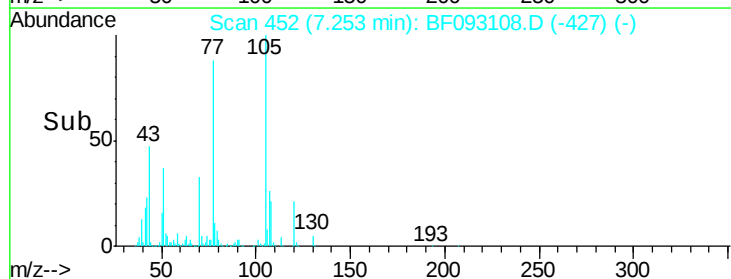
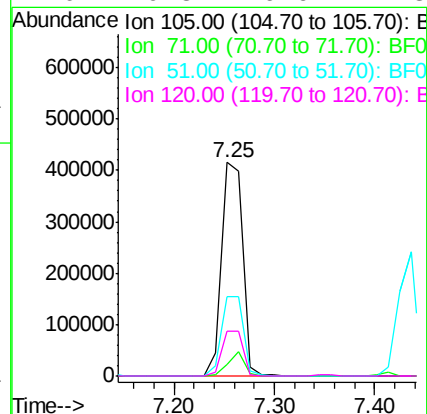
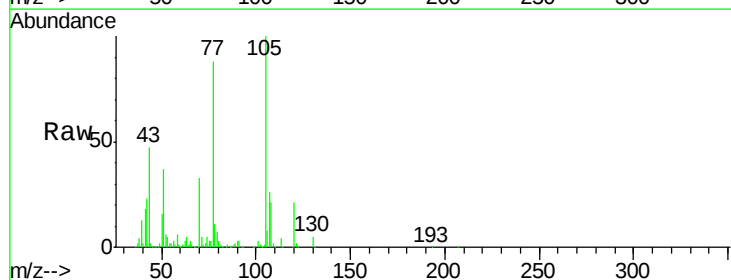
Instrument :
BNA_F
ClientSampleId :
PB97124BS

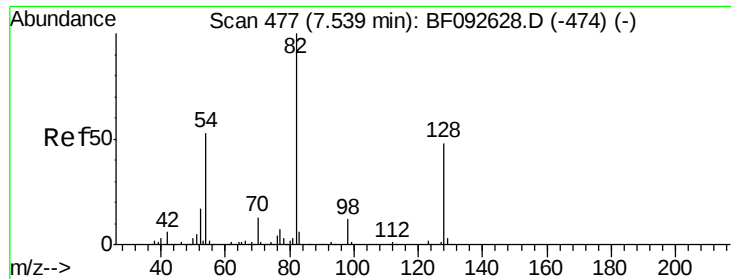
Tgt Ion:	136	Resp:	622852
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.4	12.6
54	6.8	4.5	6.7#
68	5.1	3.6	5.4



#22
Acetophenone
Concen: 42.51 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:	105	Resp:	604473
Ion Ratio	Lower	Upper	
105	100		
71	5.5	3.2	4.8#
51	37.1	26.2	39.4
120	20.8	16.6	24.8

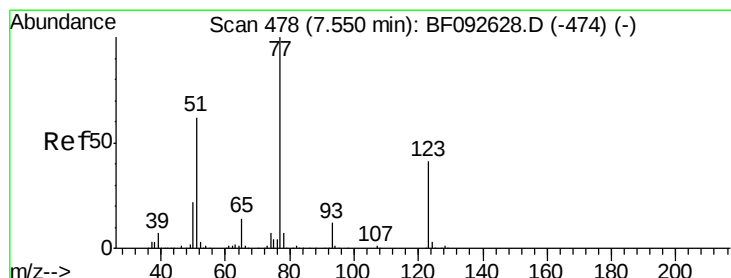
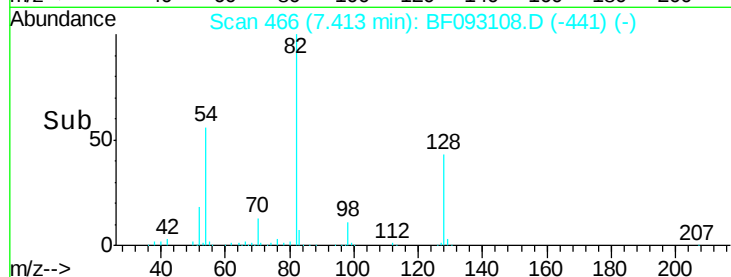
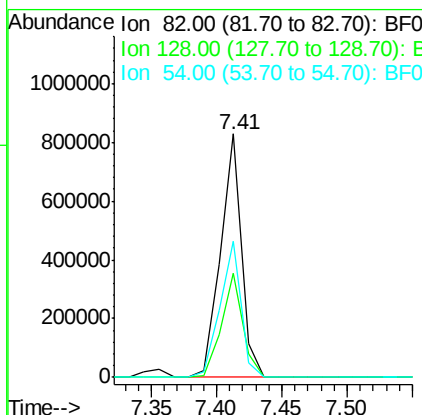
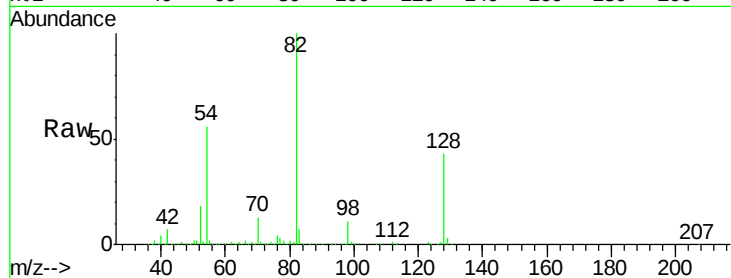




#23
 Nitrobenzene-d5
 Concen: 83.08 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

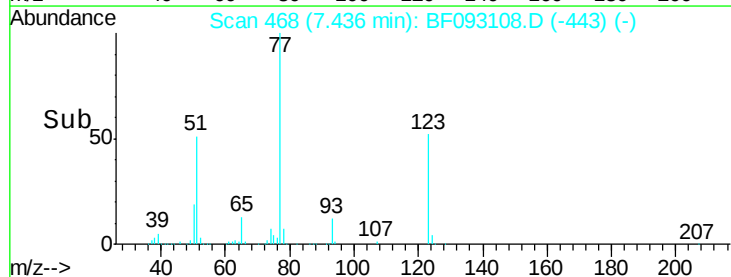
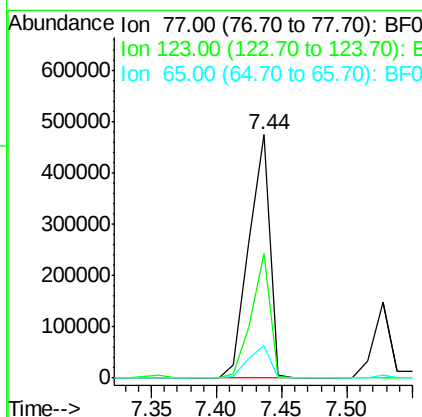
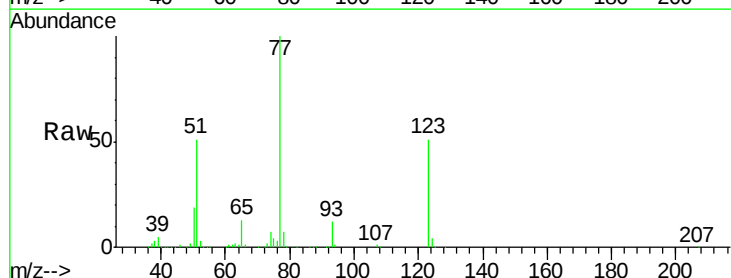
Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tgt Ion: 82 Resp: 929249
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.6 52.0
 54 55.8 39.5 59.3



#24
 Nitrobenzene
 Concen: 45.97 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion: 77 Resp: 527910
 Ion Ratio Lower Upper
 77 100
 123 51.4 33.0 49.4#
 65 13.1 11.2 16.8

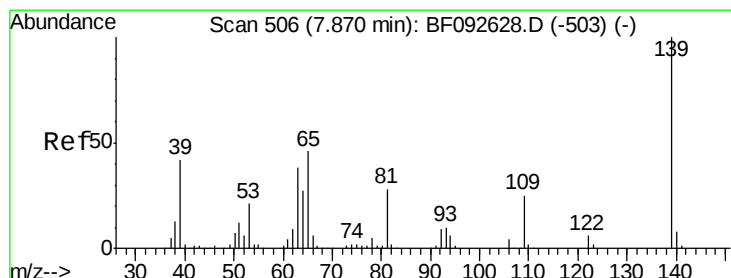
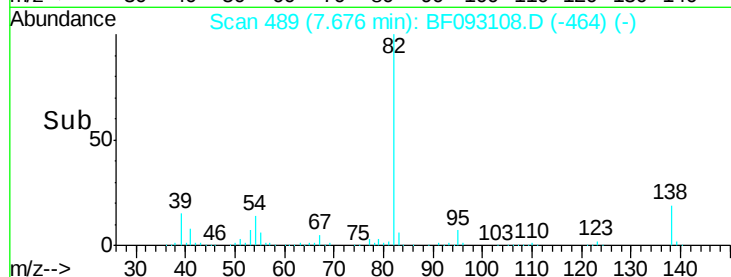
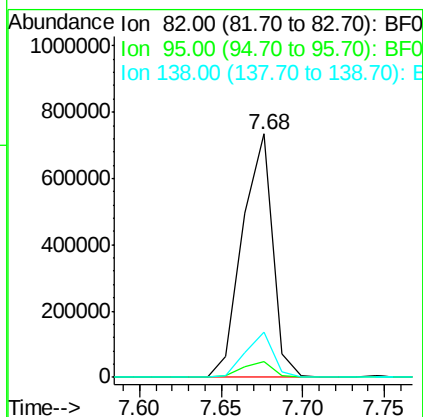
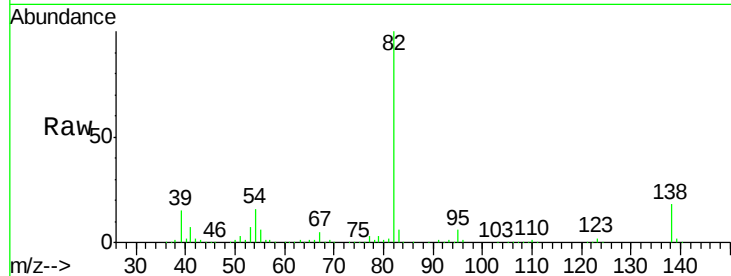




#25
Isophorone
Concen: 45.05 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

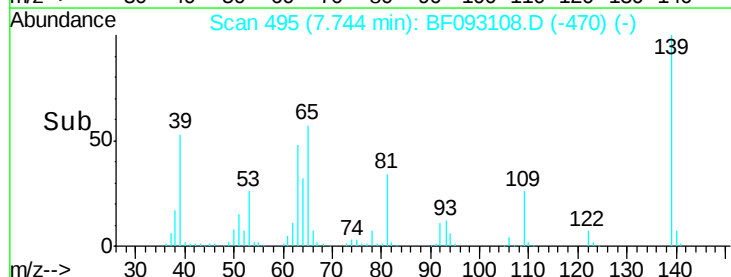
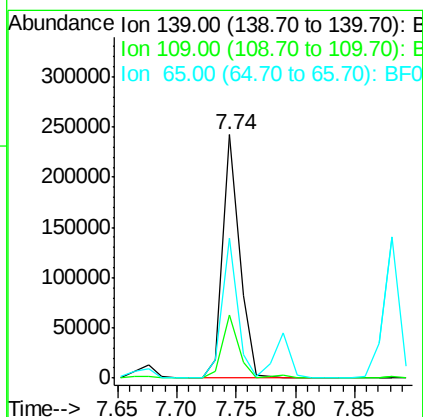
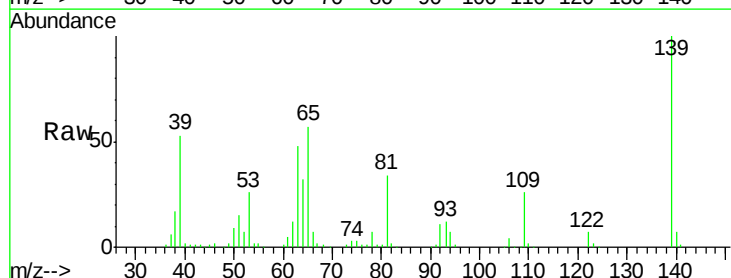
Instrument :
BNA_F
ClientSampleId :
PB97124BS

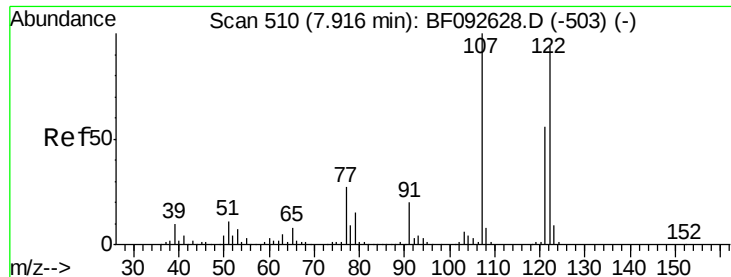
Tgt Ion: 82 Resp: 938897
Ion Ratio Lower Upper
82 100
95 6.4 5.6 8.4
138 18.5 14.6 22.0



#26
2-Nitrophenol
Concen: 43.97 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion: 139 Resp: 240025
Ion Ratio Lower Upper
139 100
109 25.7 23.3 34.9
65 57.4 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 45.39 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

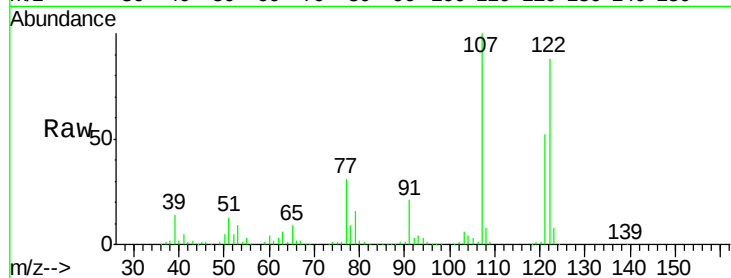
Tgt Ion:122 Resp: 435231

Ion Ratio Lower Upper

122 100

107 113.8 94.1 141.1

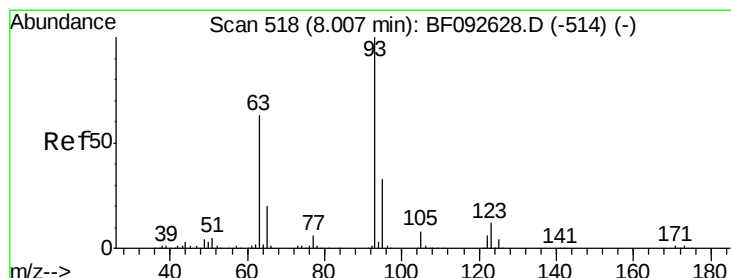
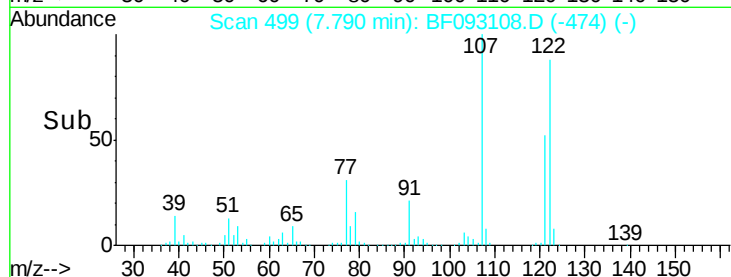
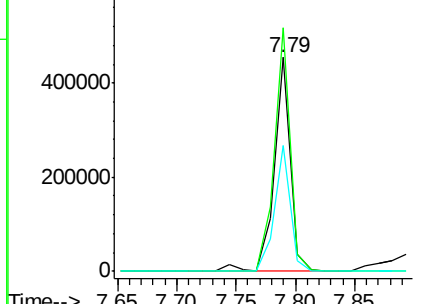
121 58.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.97 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

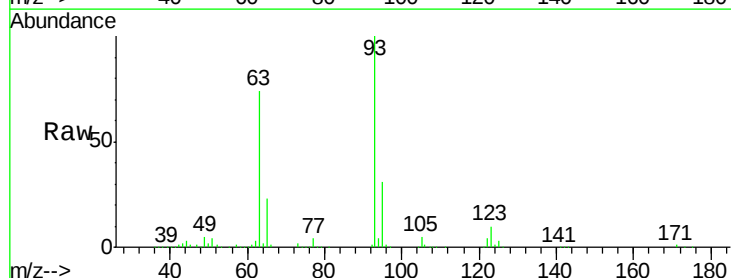
Tgt Ion: 93 Resp: 579384

Ion Ratio Lower Upper

93 100

95 31.3 26.5 39.7

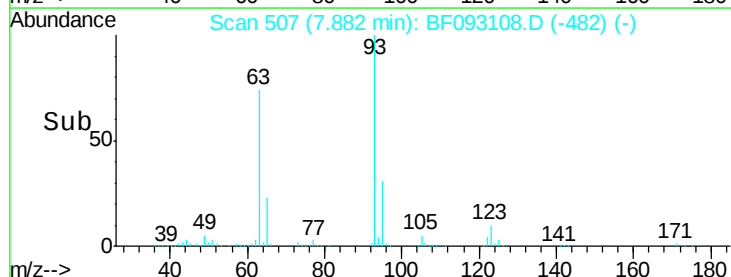
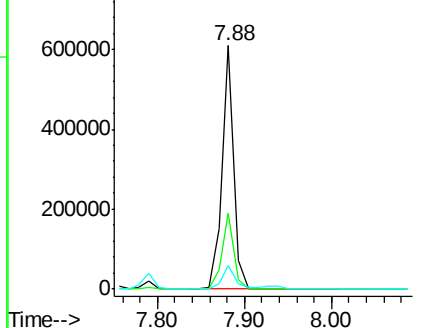
123 9.9 8.6 13.0

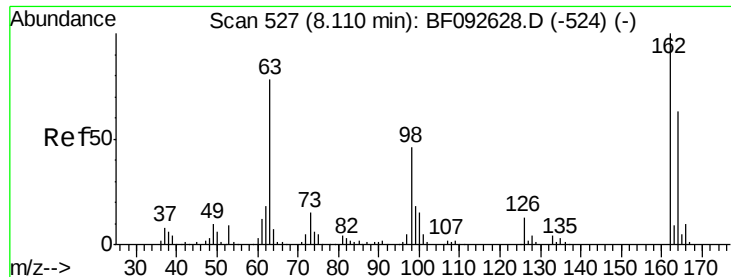


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

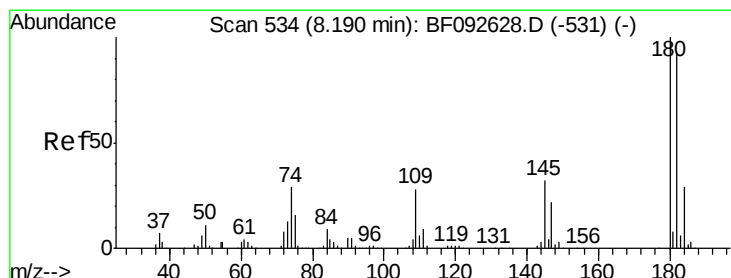
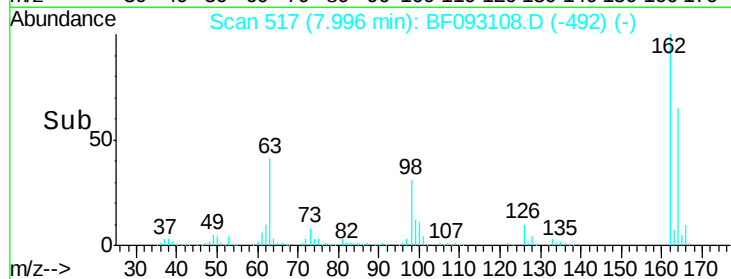
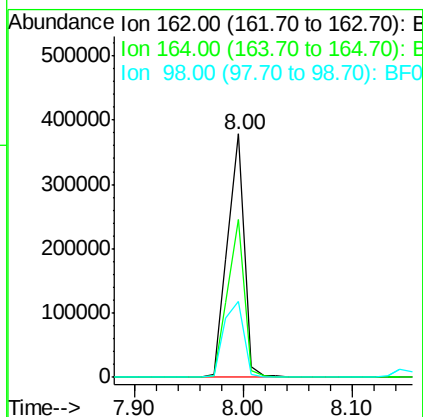
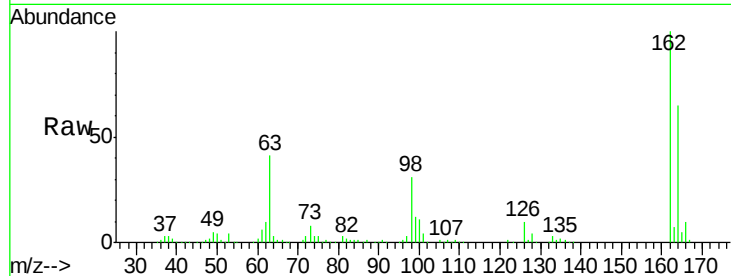




#29
 2,4-Dichlorophenol
 Concen: 45.45 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

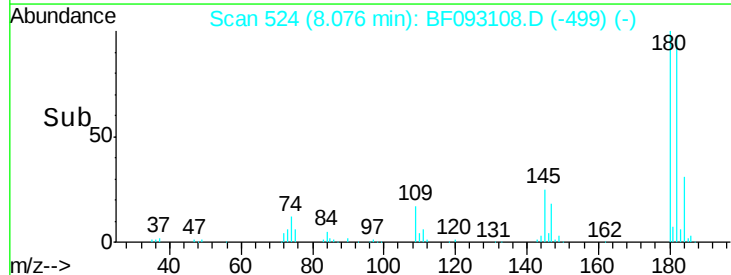
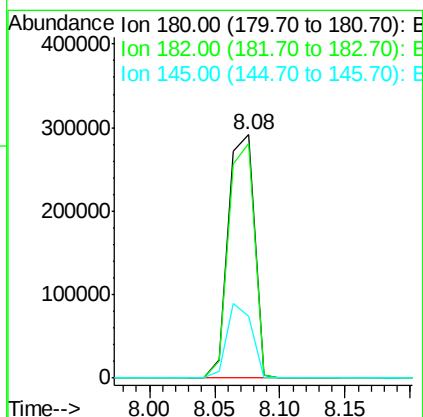
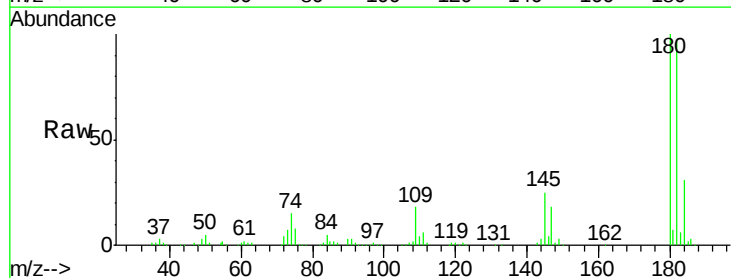
Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

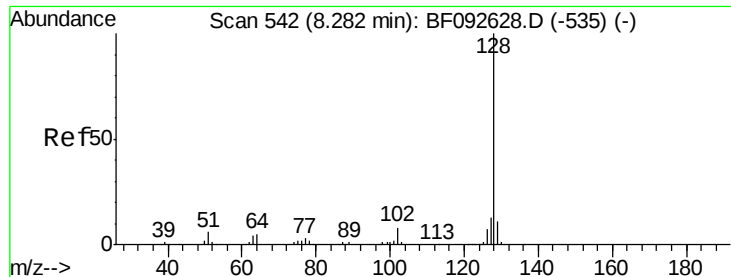
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.8	86.8
98	30.9	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.00 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	78.2	117.4
145	25.4	21.6	32.4

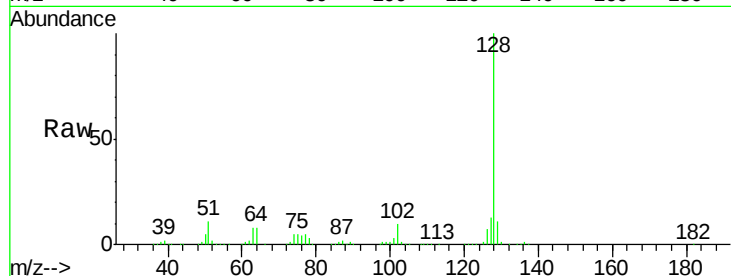




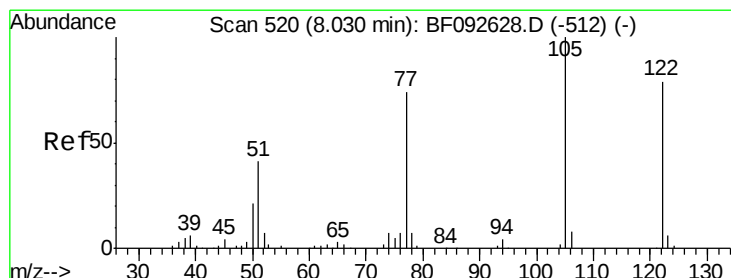
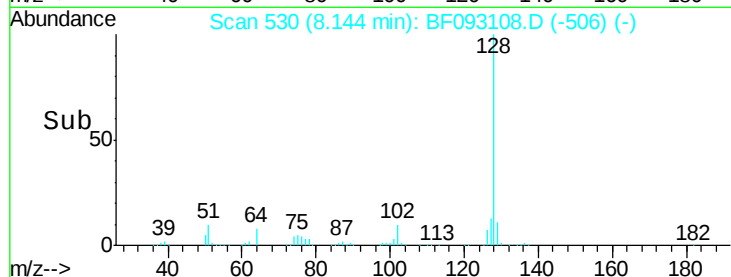
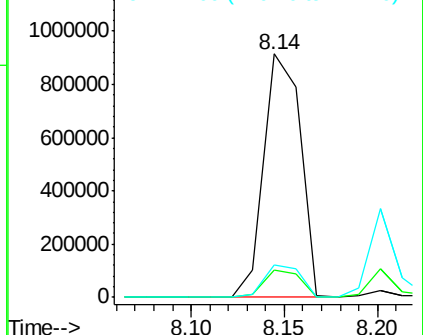
#31
Naphthalene
Concen: 39.47 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tgt Ion:128 Resp: 1246270
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.5 10.8 16.2

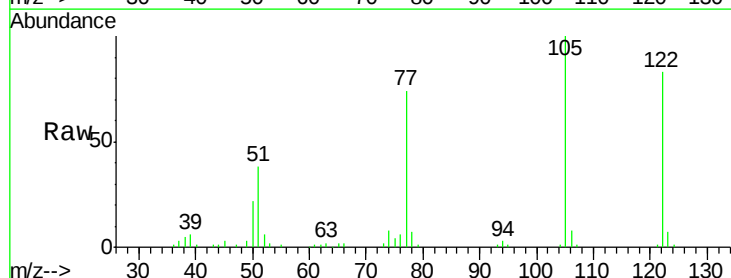


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

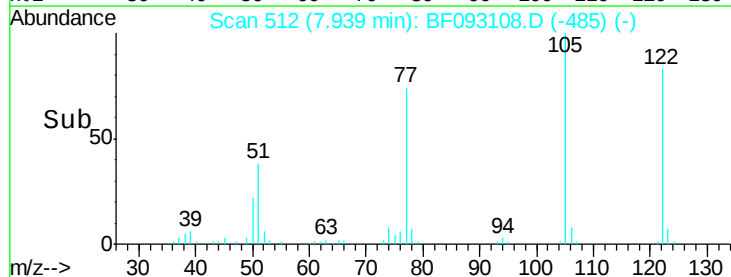
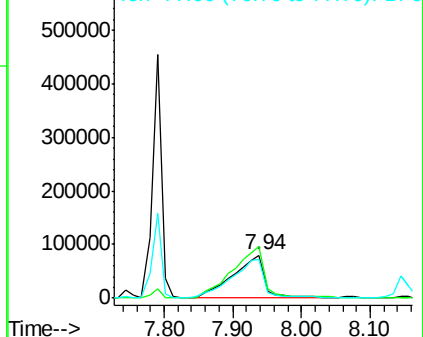


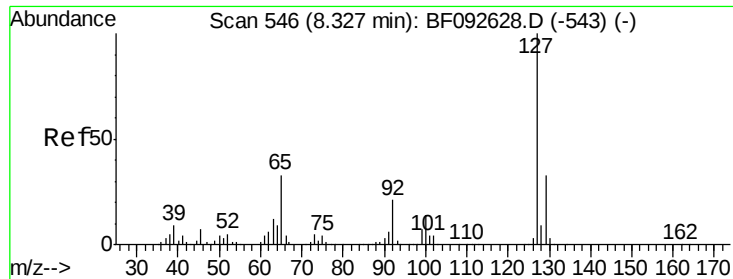
#32
Benzoic acid
Concen: 46.37 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:122 Resp: 250355
Ion Ratio Lower Upper
122 100
105 120.5 107.2 147.2
77 89.5 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

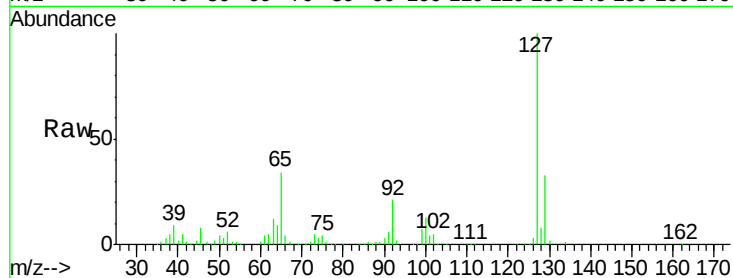




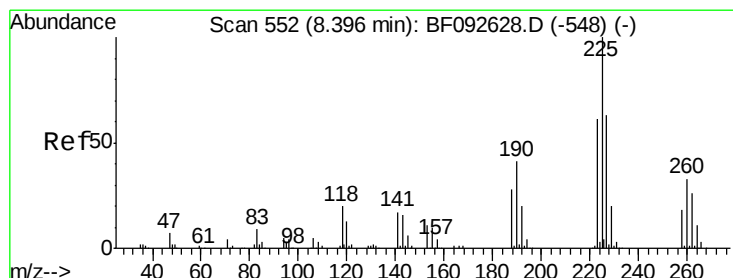
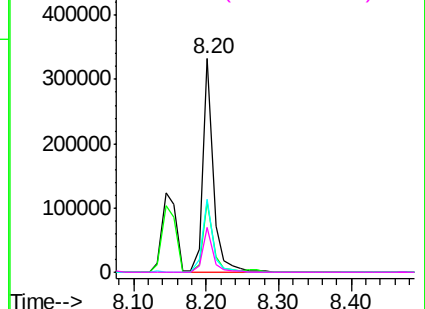
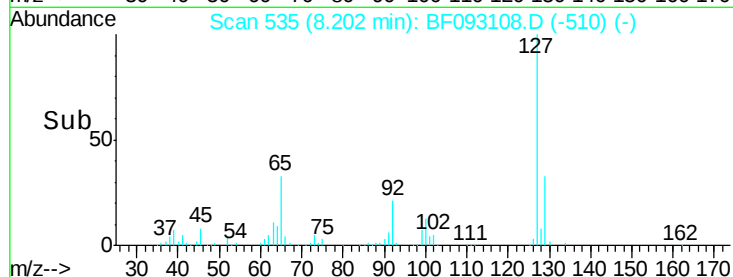
#33
4-Chloroaniline
Concen: 26.77 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tgt Ion:	127	Resp:	331525
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	34.1	25.8	38.8
92	21.2	16.1	24.1

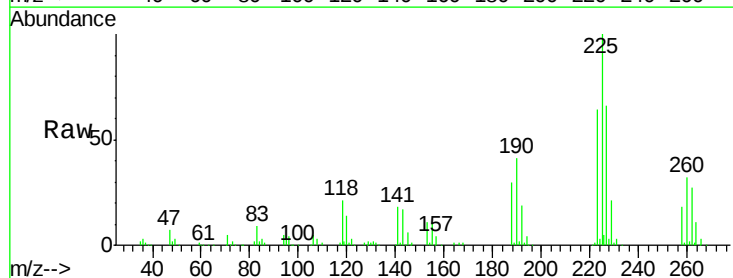


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

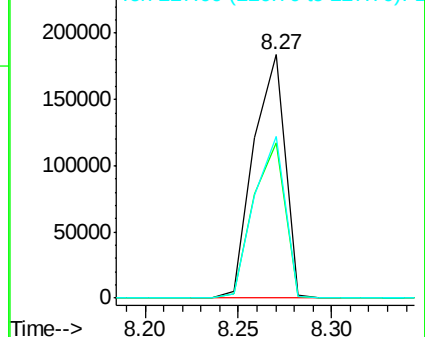
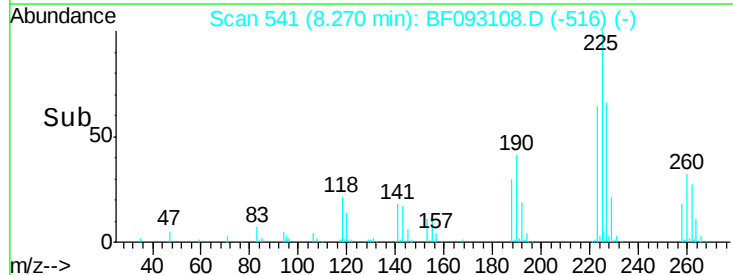


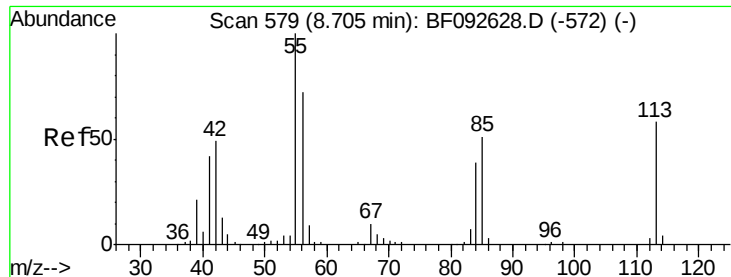
#34
Hexachlorobutadiene
Concen: 40.46 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:	225	Resp:	214494
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	66.4	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

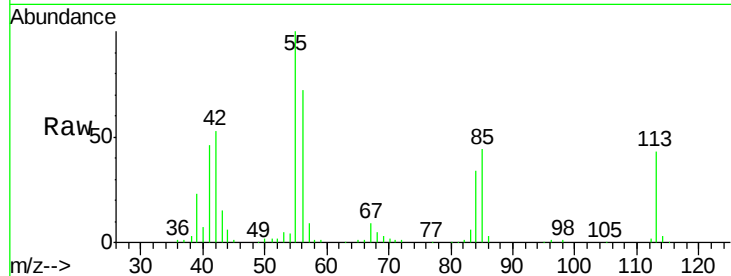




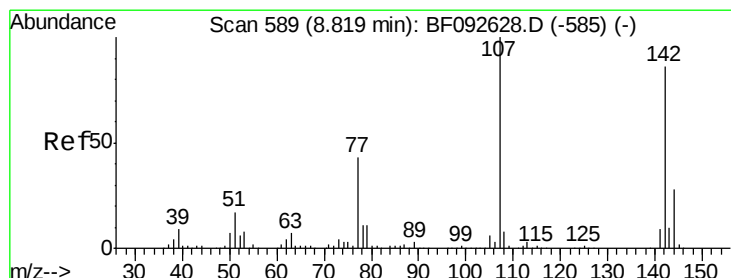
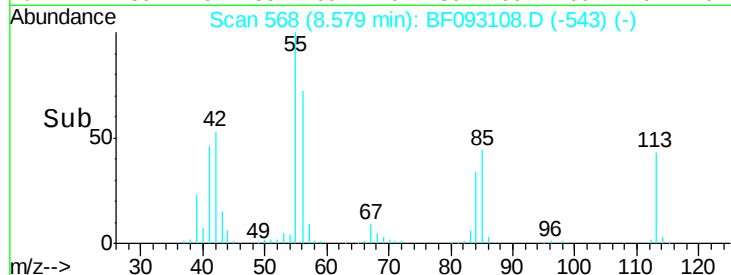
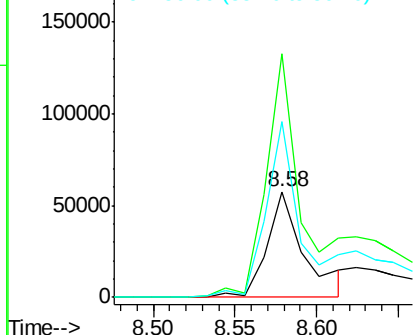
#35
 Caprolactam
 Concen: 32.39 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tgt Ion:113 Resp: 91118
 Ion Ratio Lower Upper
 113 100
 55 231.1 119.2 159.2#
 56 166.7 83.8 123.8#

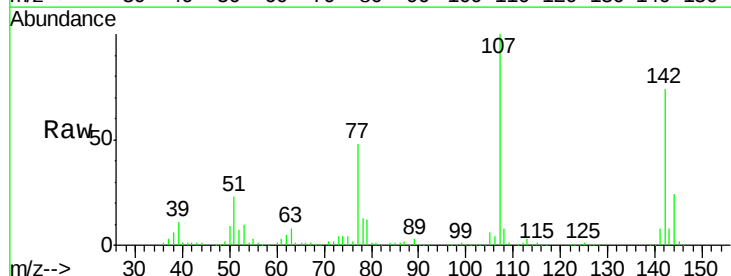


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

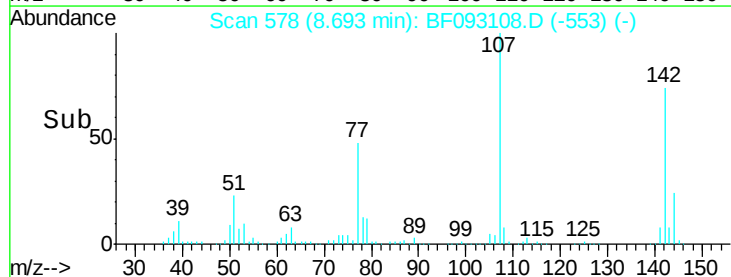
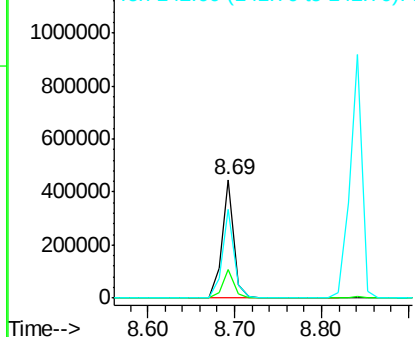


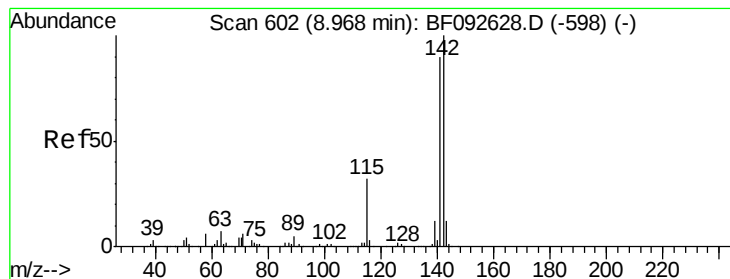
#36
 4-Chloro-3-methylphenol
 Concen: 46.25 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion:107 Resp: 431202
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.3 28.9
 142 74.4 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.72 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

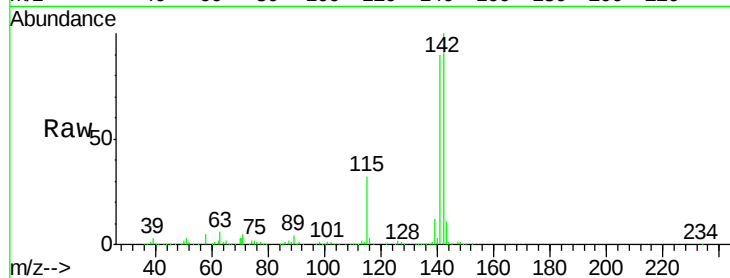
Tgt Ion:142 Resp: 906557

Ion Ratio Lower Upper

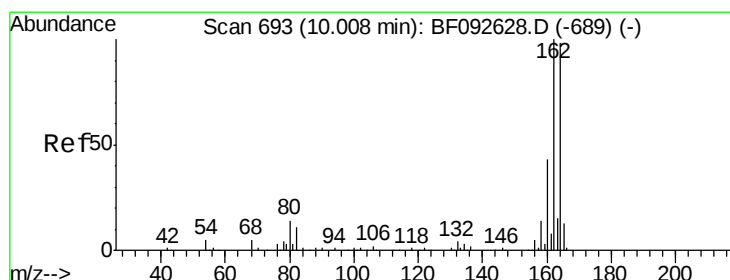
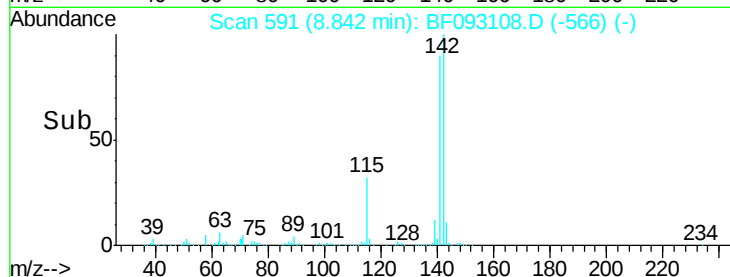
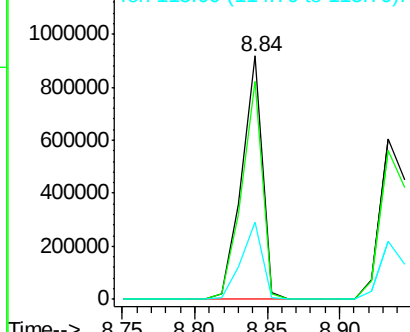
142 100

141 89.7 71.0 106.6

115 31.6 28.3 42.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

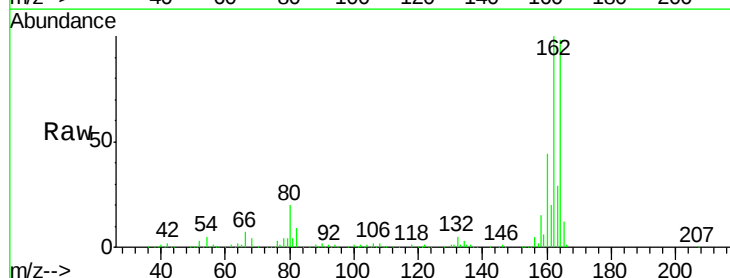
Tgt Ion:164 Resp: 308558

Ion Ratio Lower Upper

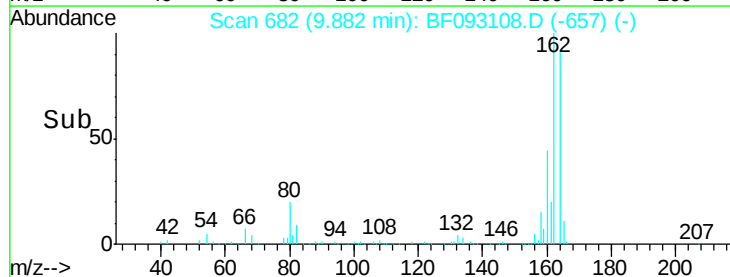
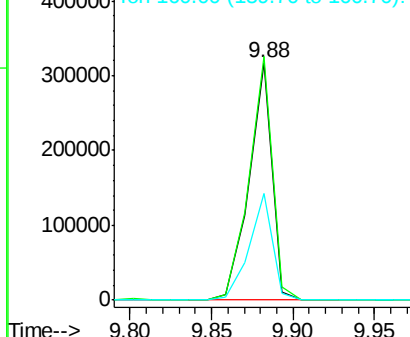
164 100

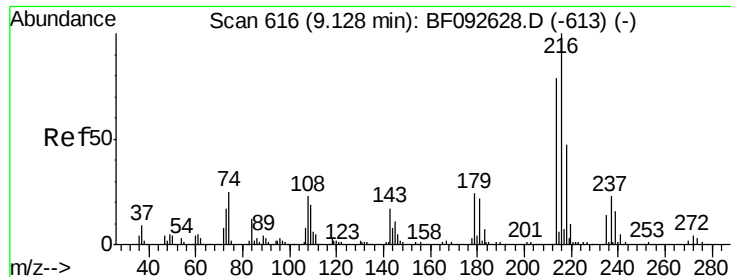
162 102.6 80.2 120.2

160 44.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.70 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

Tgt Ion:216 Resp: 361168

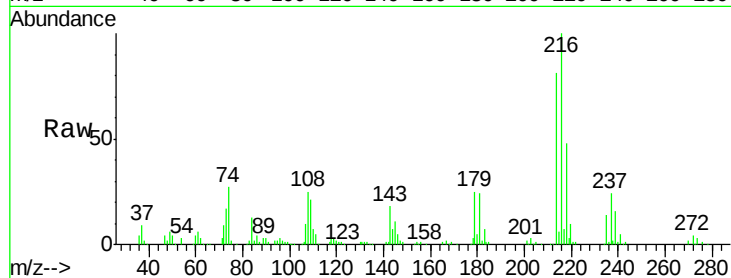
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 21.1 17.4 26.2

108 20.4 15.6 23.4

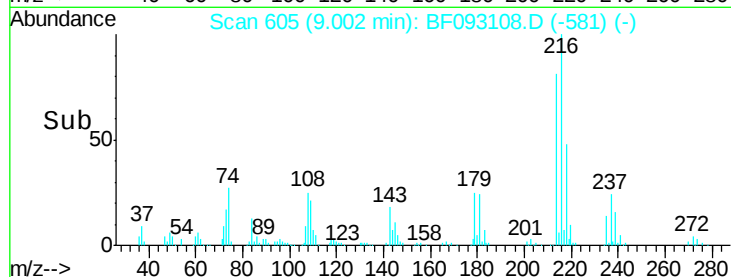


Abundance Ion 216.00 (215.70 to 216.70): E

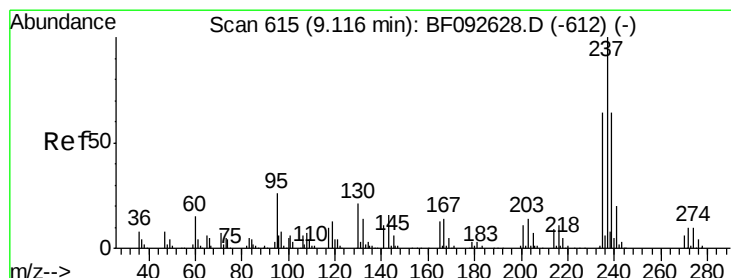
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 82.07 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

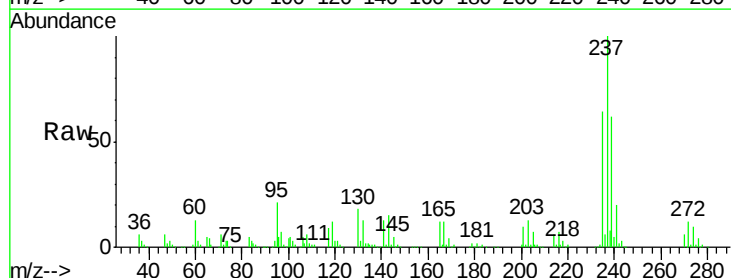
Tgt Ion:237 Resp: 320702

Ion Ratio Lower Upper

237 100

235 64.3 41.2 81.2

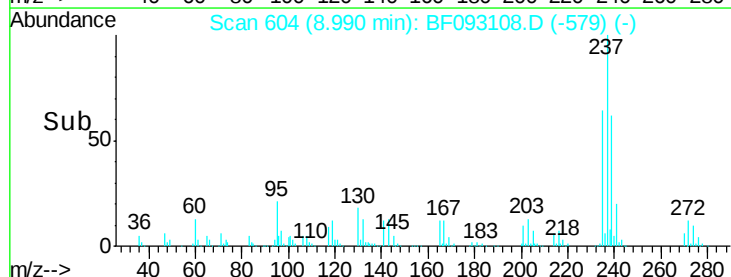
272 12.1 0.0 35.4



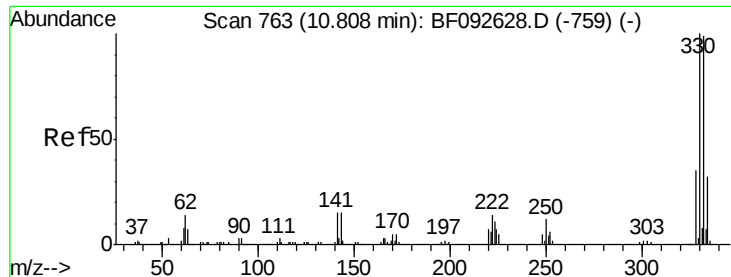
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



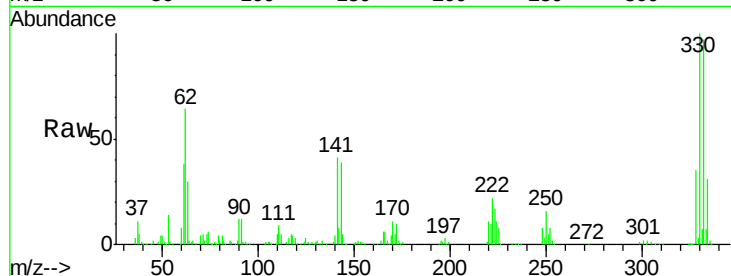
Time-->



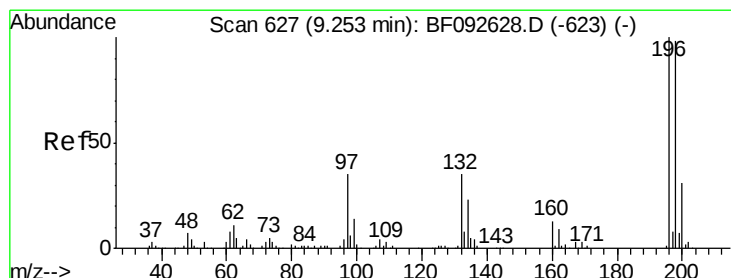
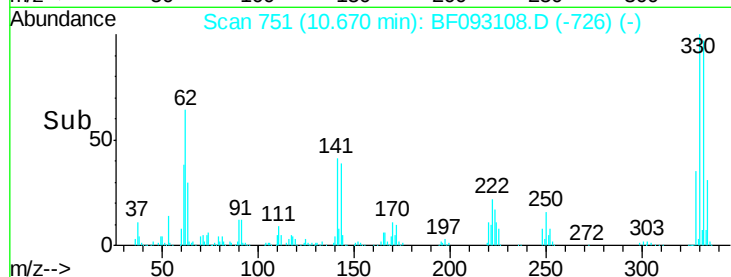
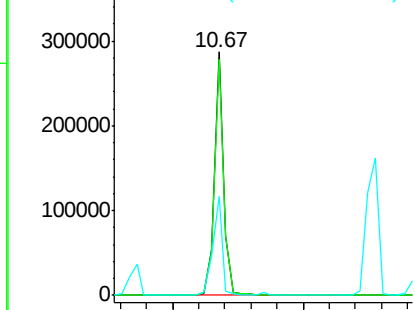
#41
 2,4,6-Tribromophenol
 Concen: 131.04 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tgt Ion:330 Resp: 292432
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 40.9 34.1 51.1

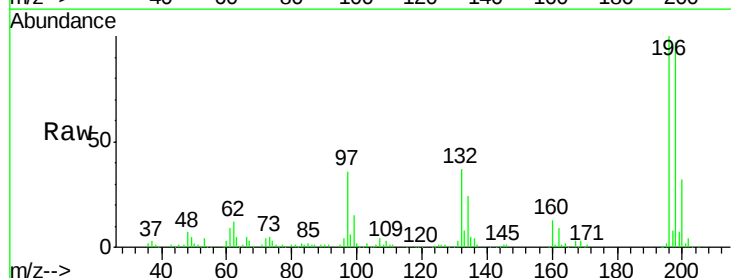


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

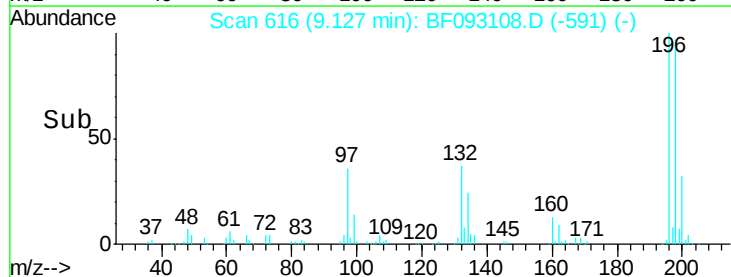
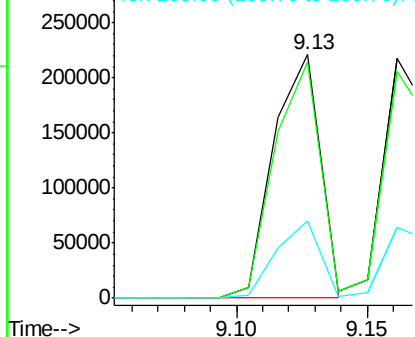


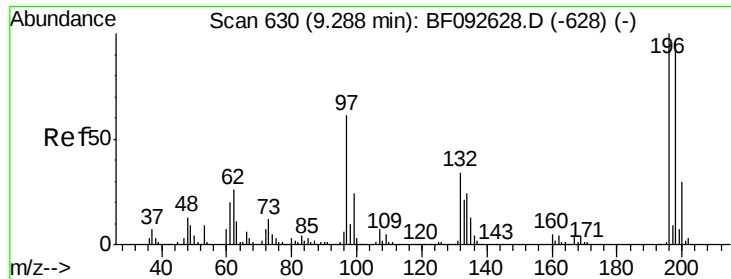
#42
 2,4,6-Trichlorophenol
 Concen: 48.45 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion:196 Resp: 275725
 Ion Ratio Lower Upper
 196 100
 198 96.9 82.1 123.1
 200 31.6 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

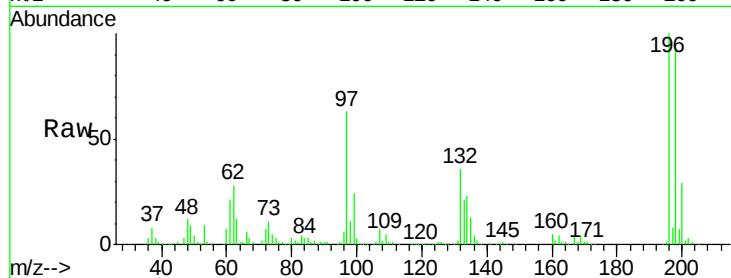




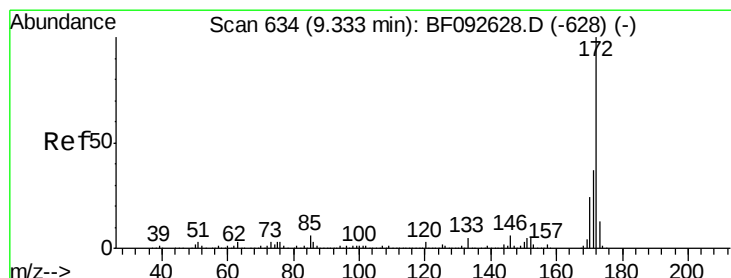
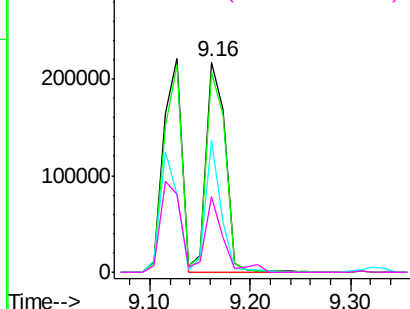
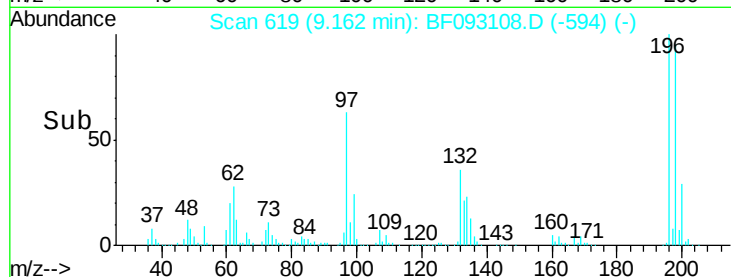
#43
 2,4,5-Trichlorophenol
 Concen: 46.02 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tgt Ion:196 Resp: 286964
 Ion Ratio Lower Upper
 196 100
 198 94.6 79.4 119.2
 97 62.7 51.5 77.3
 132 36.1 27.4 41.2

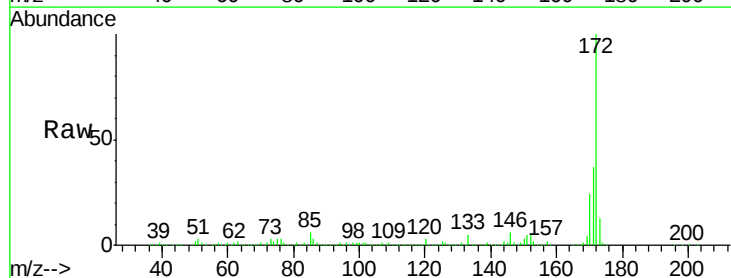


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

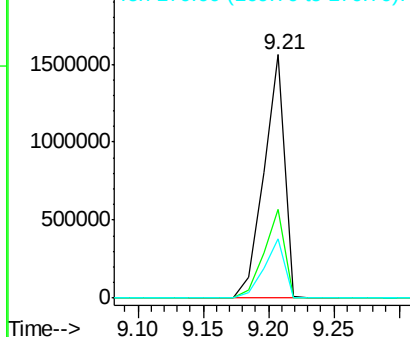
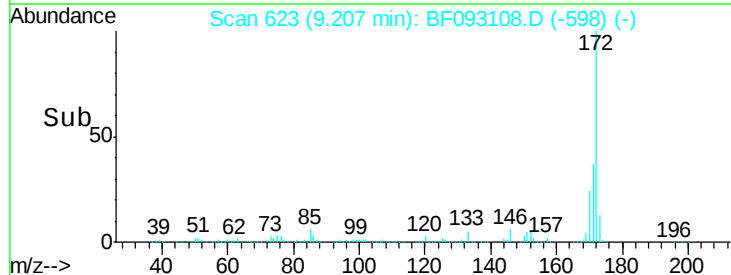


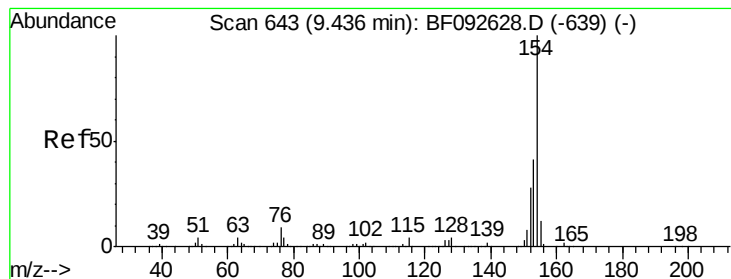
#44
 2-Fluorobiphenyl
 Concen: 101.63 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion:172 Resp: 1730989
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.5 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: 45.30 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

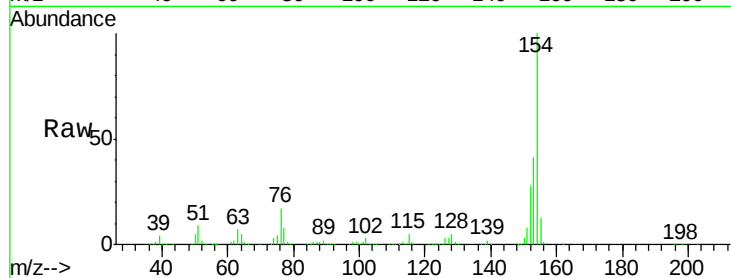
Tgt Ion:154 Resp: 1012159

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

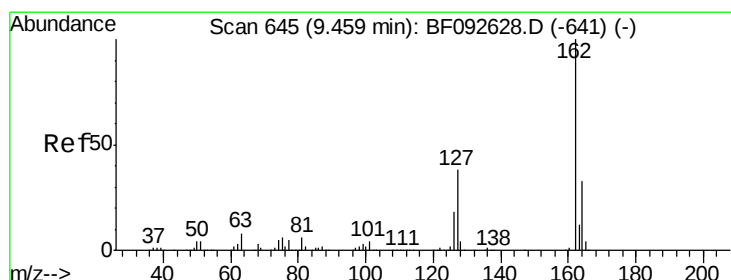
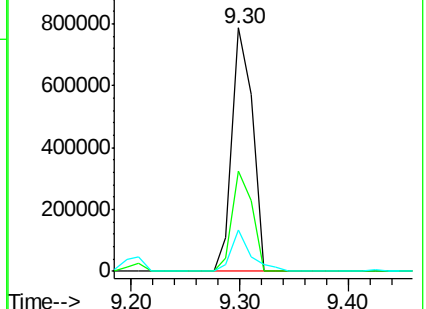
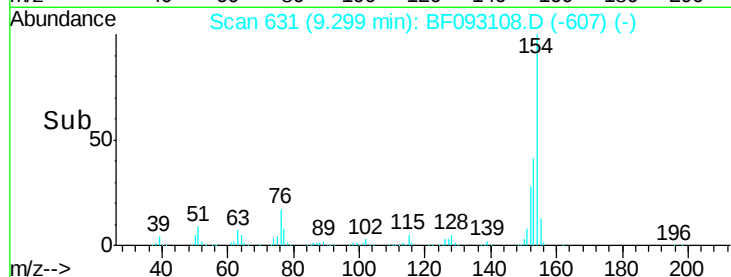
76 17.2 0.0 30.5



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: 48.53 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

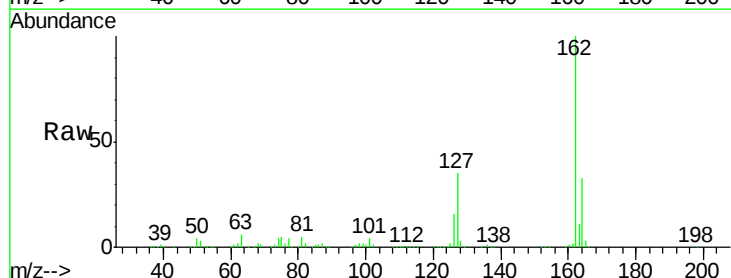
Tgt Ion:162 Resp: 848177

Ion Ratio Lower Upper

162 100

127 34.8 30.7 46.1

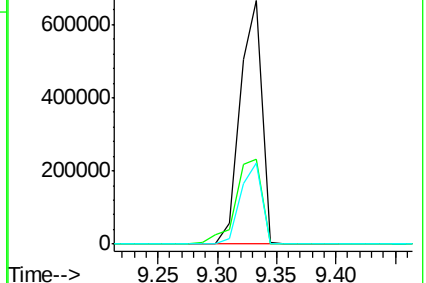
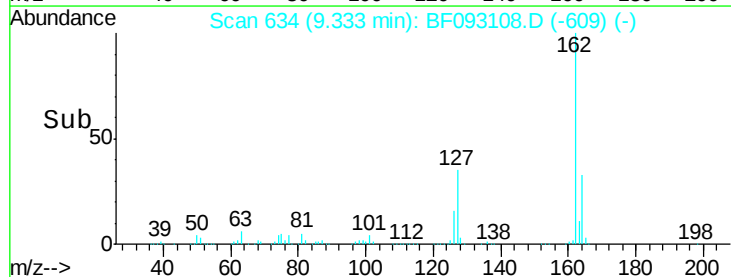
164 33.2 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

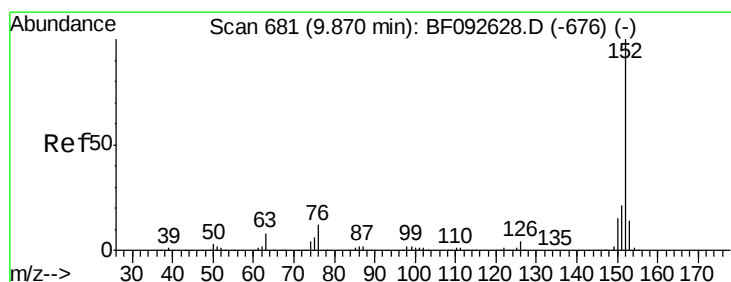
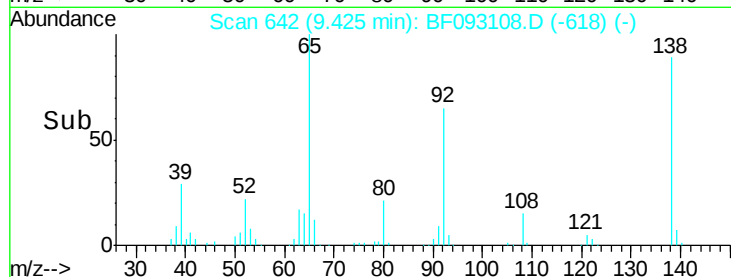
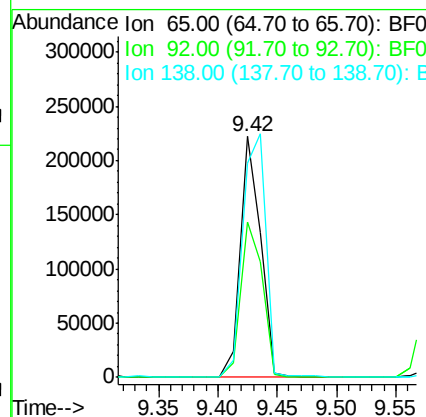
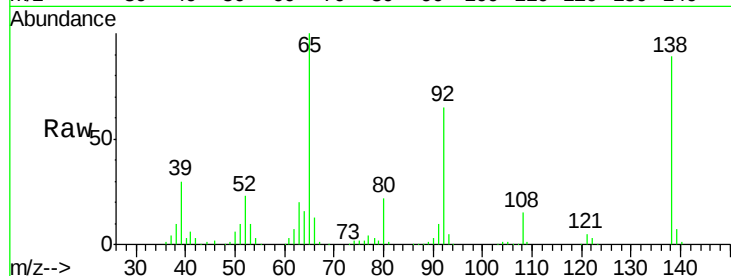




#47
 2-Nitroaniline
 Concen: 45.11 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

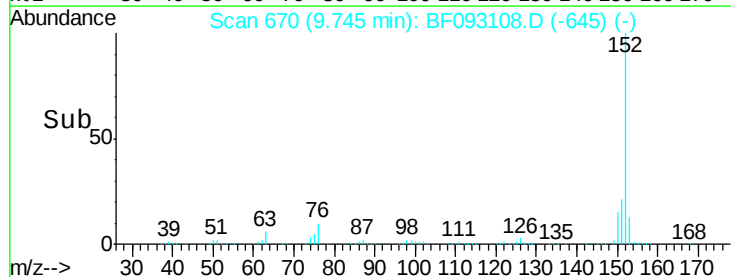
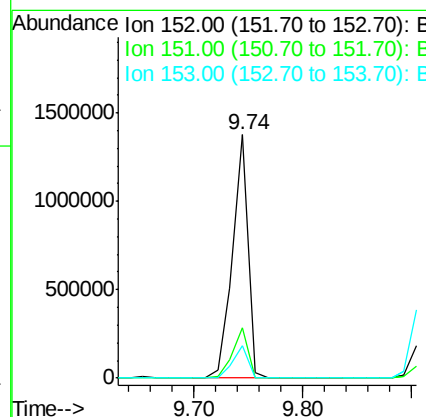
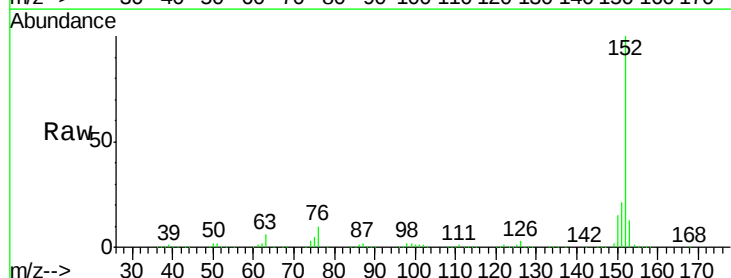
Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

Tgt Ion:	65	Resp:	265067
Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.9	80.9
138	88.8	76.8	115.2



#48
 Acenaphthylene
 Concen: 44.91 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion:	152	Resp:	1355939
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.4	11.4	17.2

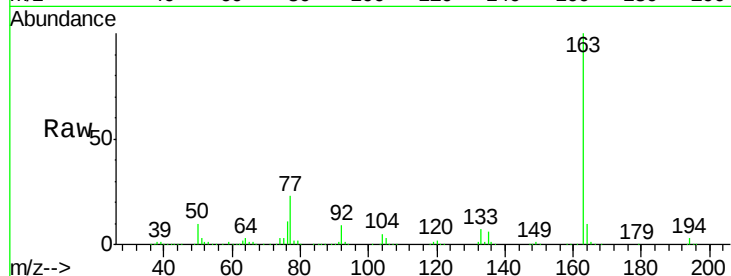




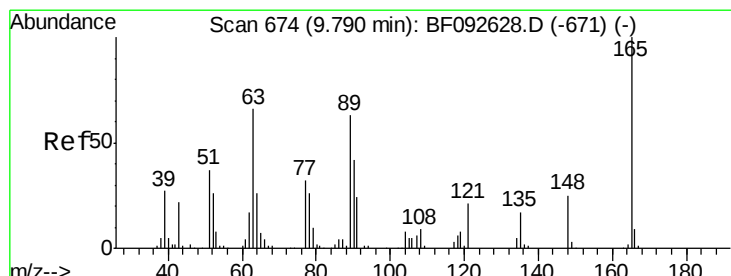
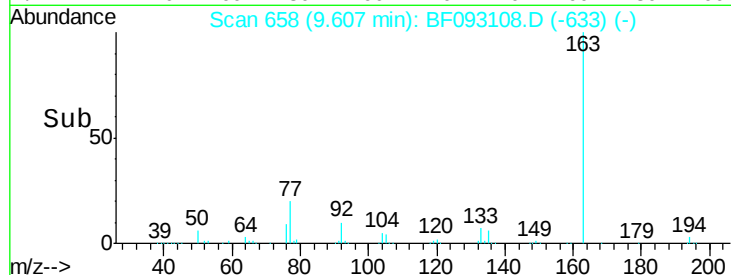
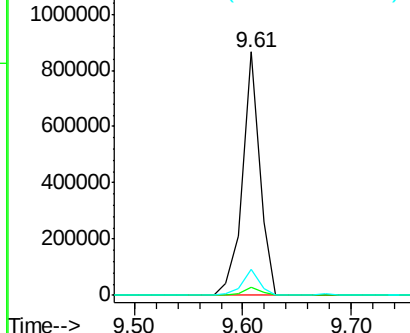
#49
Dimethylphthalate
Concen: 45.67 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tgt Ion:163 Resp: 949241
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.5 8.0 12.0

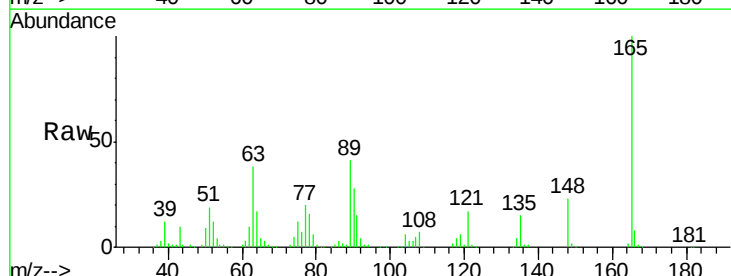


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

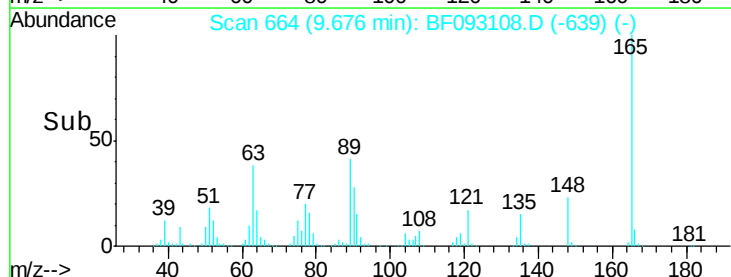
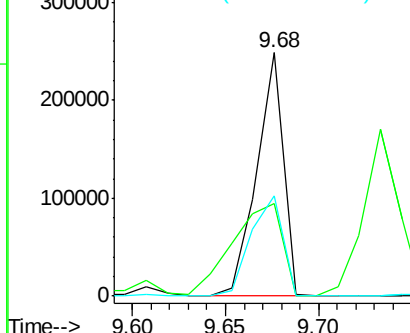


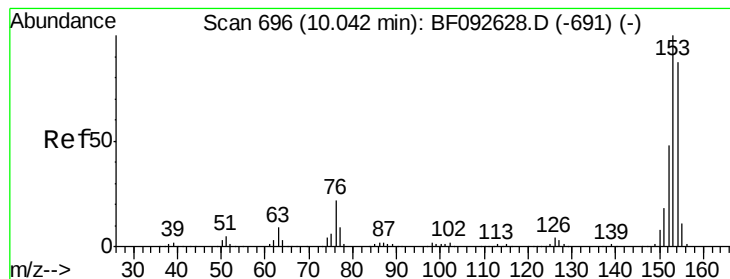
#50
2,6-Dinitrotoluene
Concen: 54.72 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:165 Resp: 245615
Ion Ratio Lower Upper
165 100
63 38.1 36.2 54.4
89 41.4 40.2 60.4



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





#51

Acenaphthene

Concen: 44.87 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

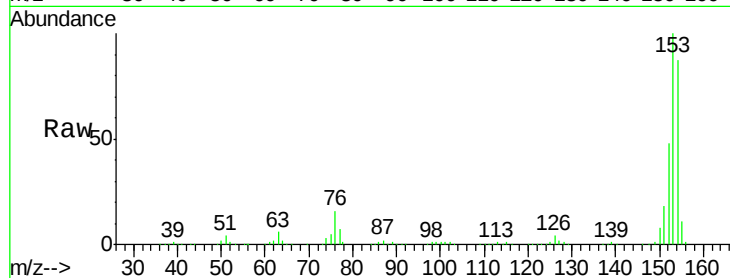
Tgt Ion:154 Resp: 809924

Ion Ratio Lower Upper

154 100

153 114.6 88.6 133.0

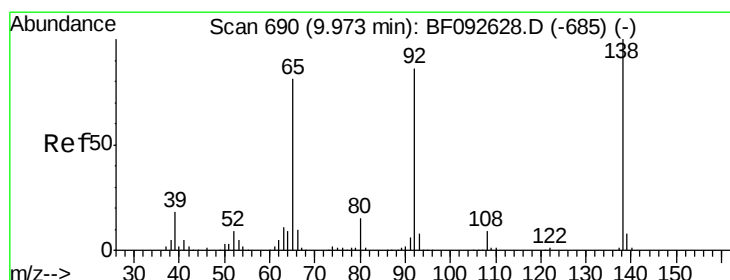
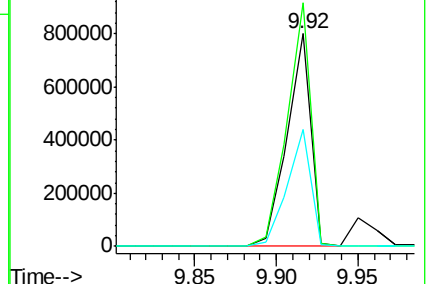
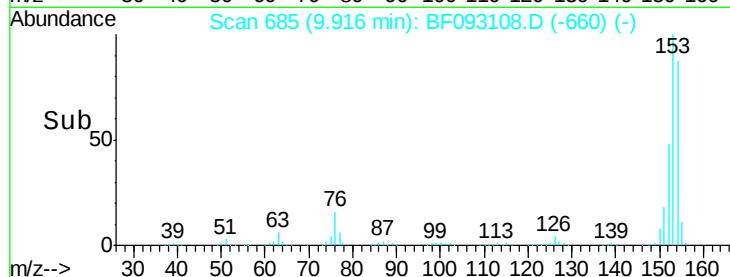
152 54.8 41.6 62.4



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: 29.57 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

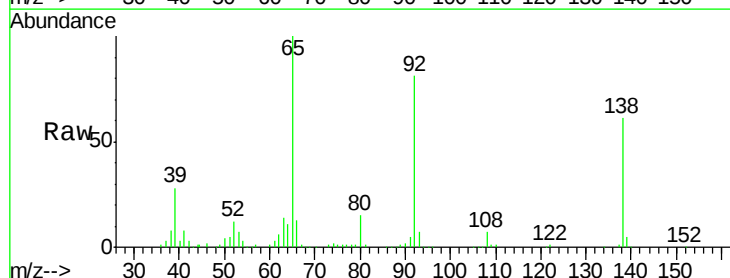
Tgt Ion:138 Resp: 151906

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

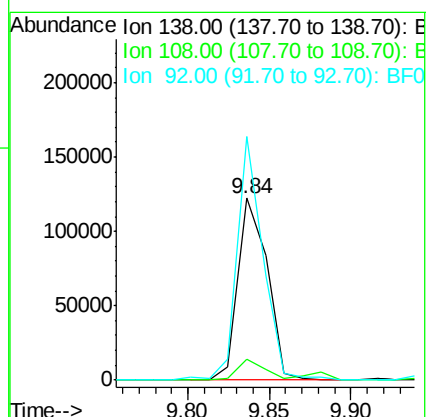
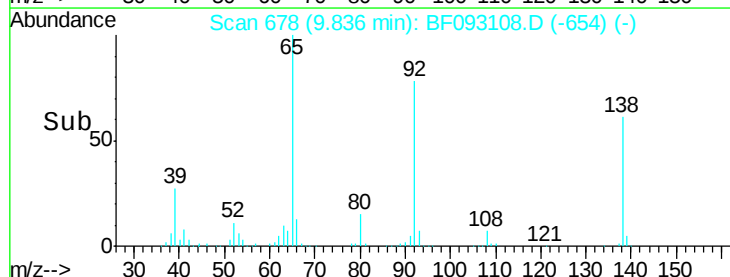
92 133.9 97.8 146.8

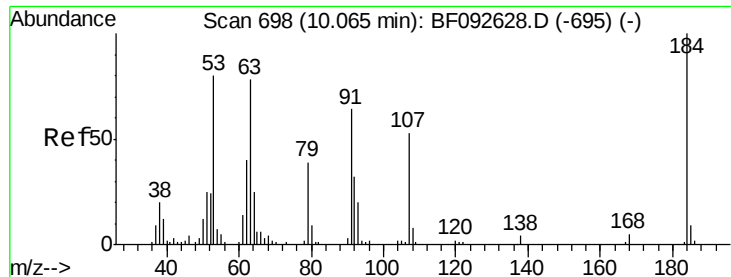


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

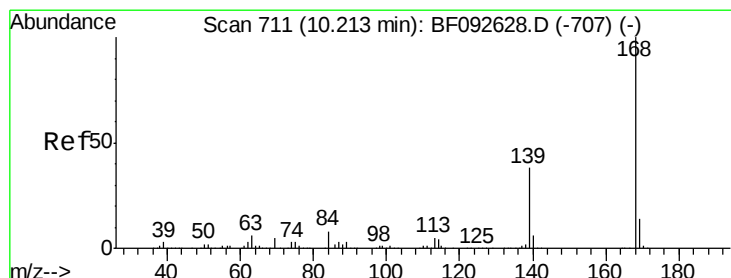
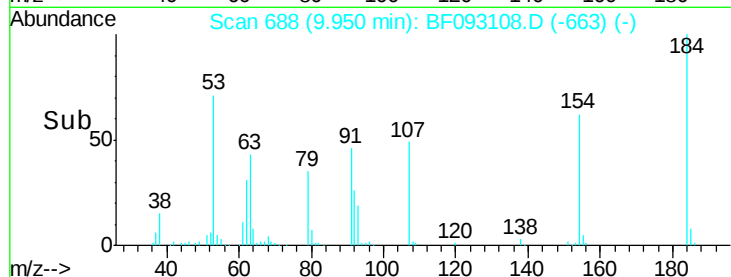
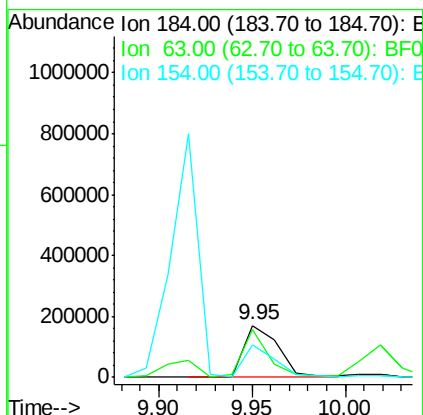
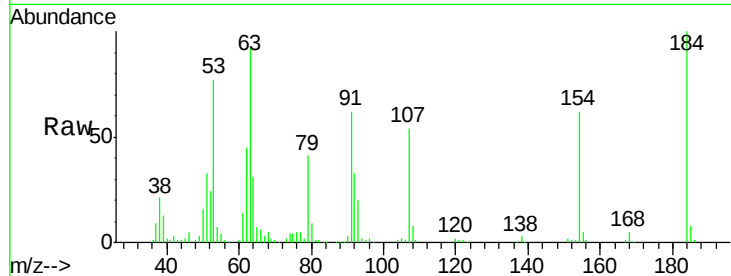




#53
2,4-Dinitrophenol
Concen: 95.31 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

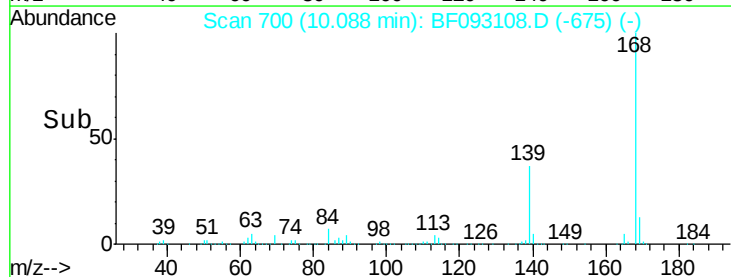
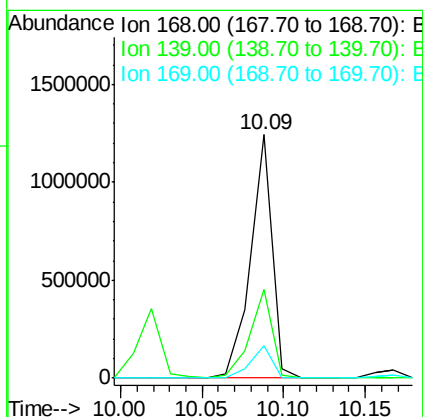
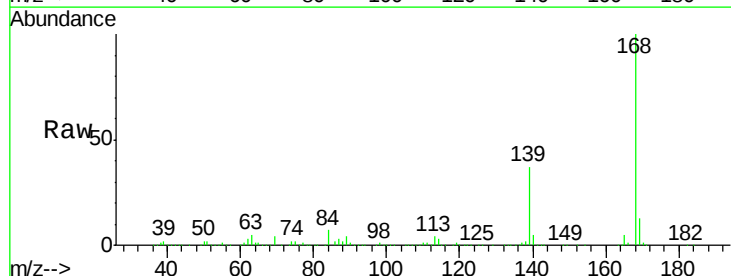
Instrument :
BNA_F
ClientSampleId :
PB97124BS

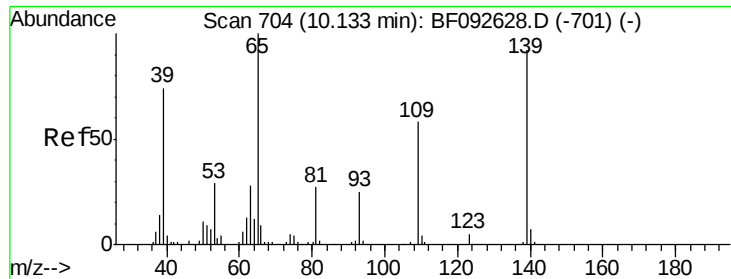
Tgt Ion:184 Resp: 219827
Ion Ratio Lower Upper
184 100
63 92.0 28.4 42.6#
154 62.4 44.3 66.5



#54
Dibenzofuran
Concen: 47.32 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:168 Resp: 1142552
Ion Ratio Lower Upper
168 100
139 36.6 32.6 49.0
169 13.4 11.3 16.9

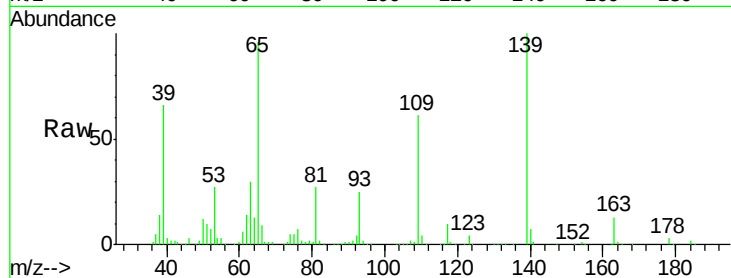




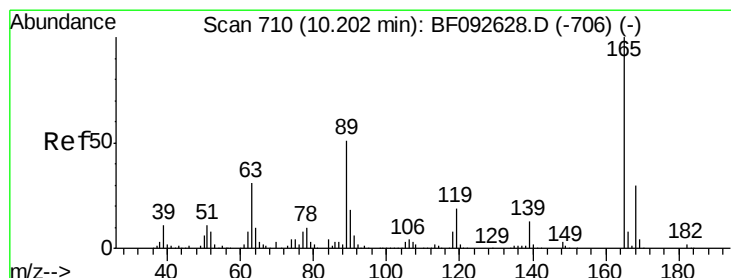
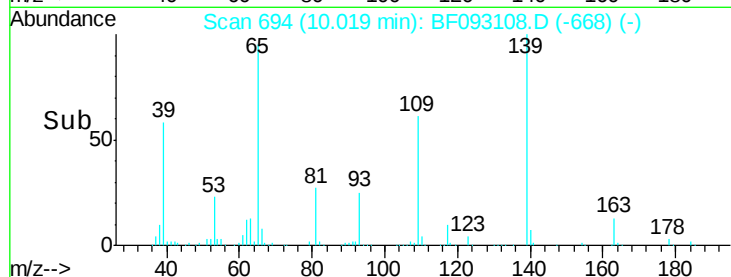
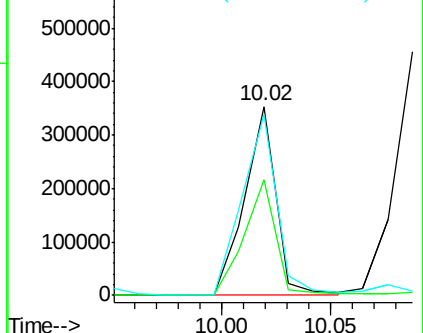
#55
4-Nitrophenol
Concen: 95.97 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tgt Ion:139 Resp: 355036
Ion Ratio Lower Upper
139 100
109 61.3 52.2 92.2
65 95.6 85.8 125.8

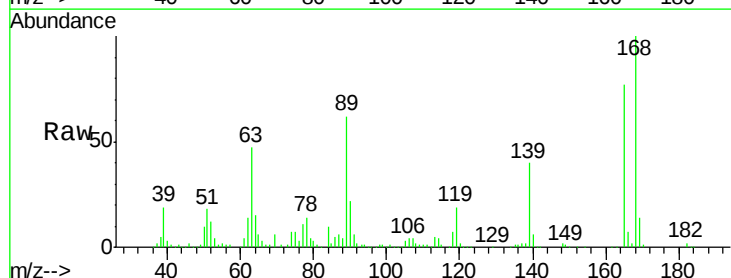


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

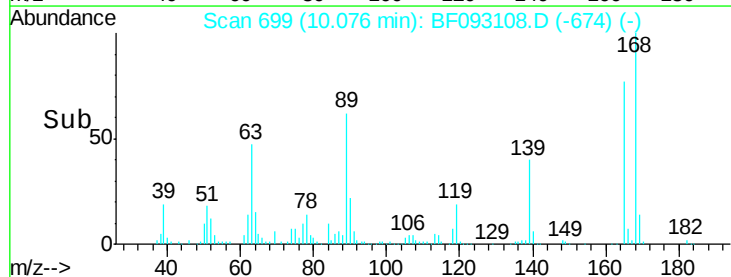
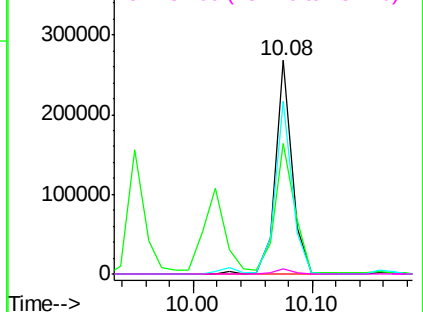


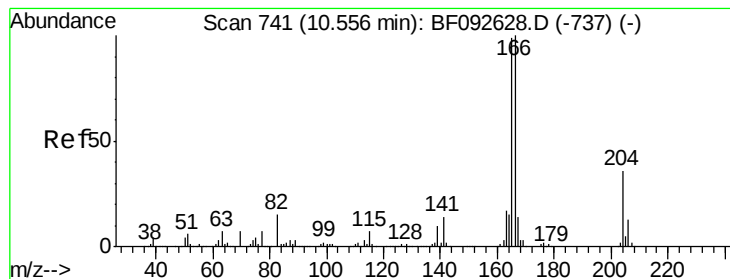
#56
2,4-Dinitrotoluene
Concen: 43.46 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:165 Resp: 259684
Ion Ratio Lower Upper
165 100
63 61.0 40.2 60.4#
89 80.8 62.5 93.7
182 2.3 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: 49.56 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

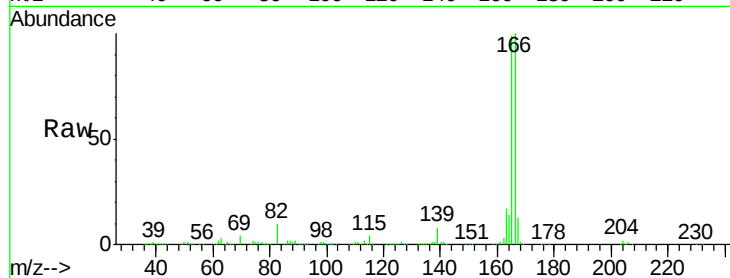
Tgt Ion:166 Resp: 920682

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

167 12.9 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

1200000

1000000

800000

600000

400000

200000

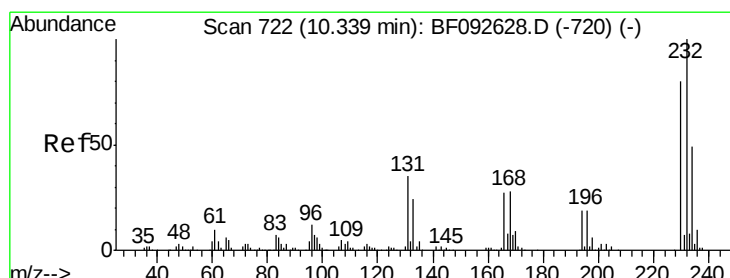
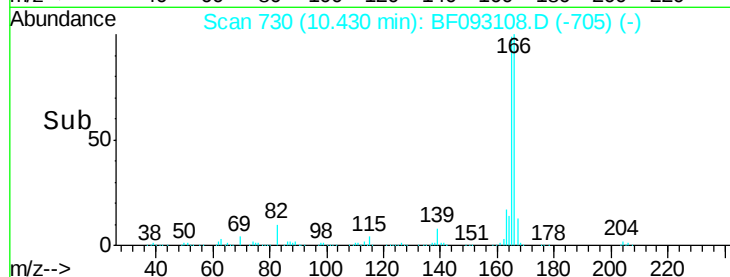
0

10.43

10.40

10.50

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.58 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Tgt Ion:232 Resp: 218713

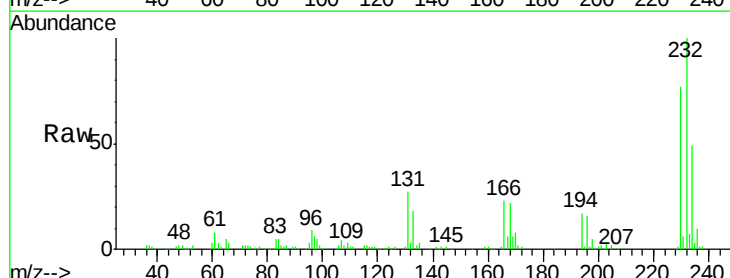
Ion Ratio Lower Upper

232 100

131 47.2 40.1 60.1

130 2.2 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

1500000

1000000

500000

0

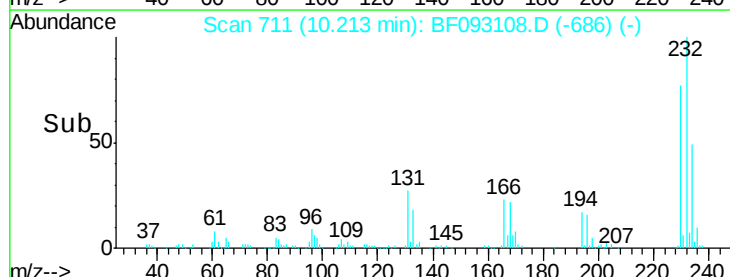
10.21

10.20

10.30

10.40

Time-->





#59

Diethylphthalate

Concen: 47.31 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

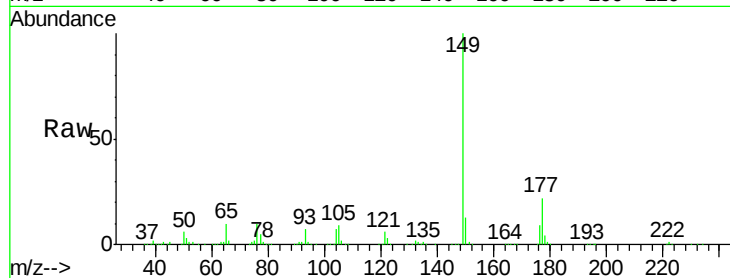
Tgt Ion:149 Resp: 926555

Ion Ratio Lower Upper

149 100

177 21.9 16.6 25.0

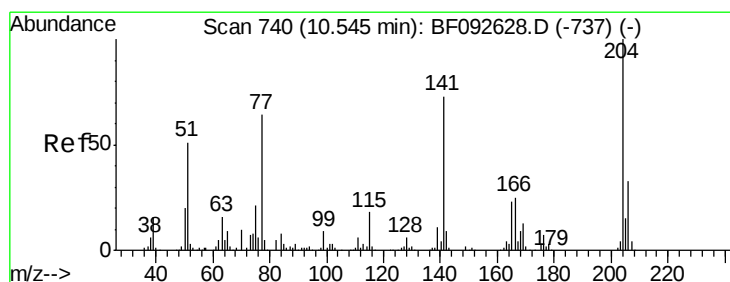
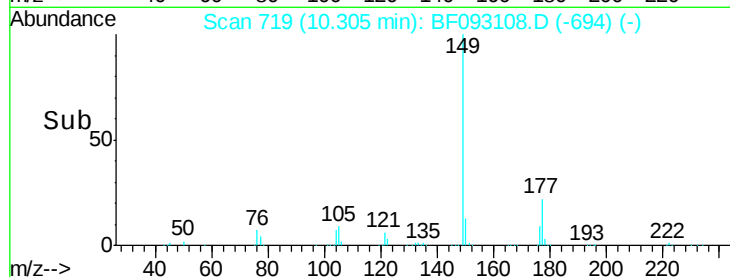
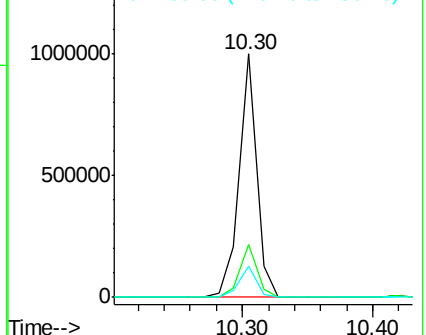
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.70 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

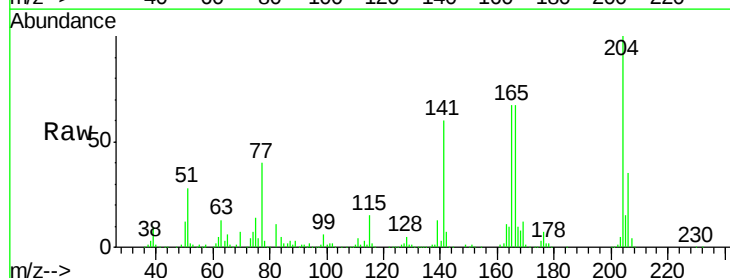
Tgt Ion:204 Resp: 407806

Ion Ratio Lower Upper

204 100

206 34.9 25.8 38.6

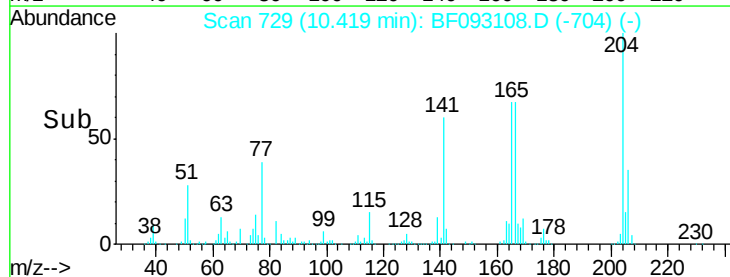
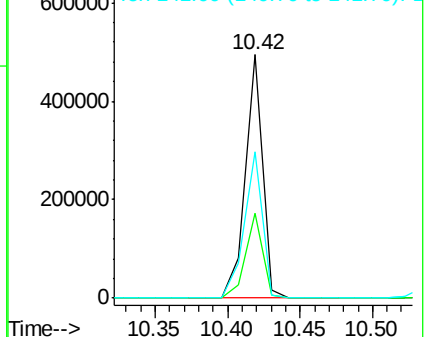
141 60.1 59.4 89.0

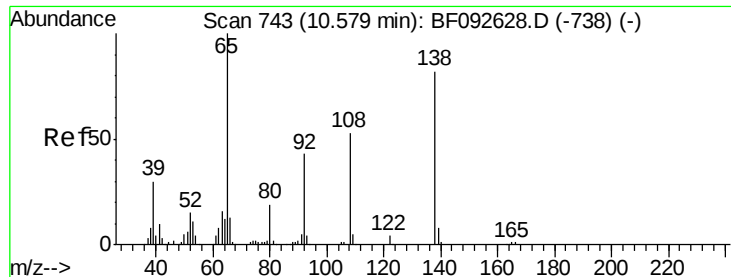


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

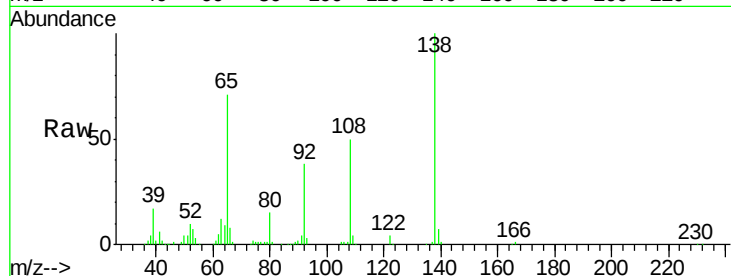




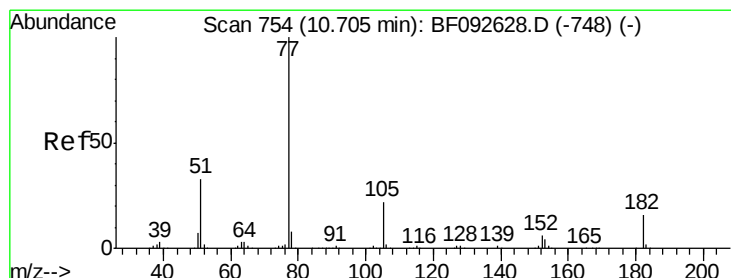
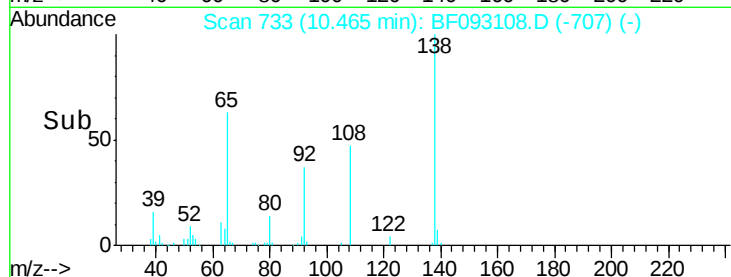
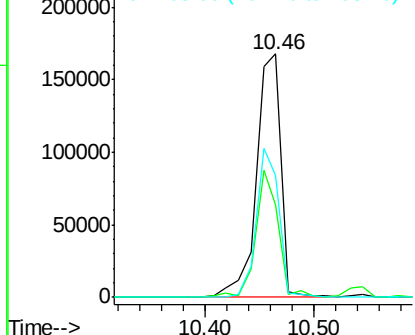
#61
4-Nitroaniline
Concen: 50.10 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tgt Ion:138 Resp: 263552
Ion Ratio Lower Upper
138 100
92 37.9 31.7 71.7
108 50.0 52.6 92.6#

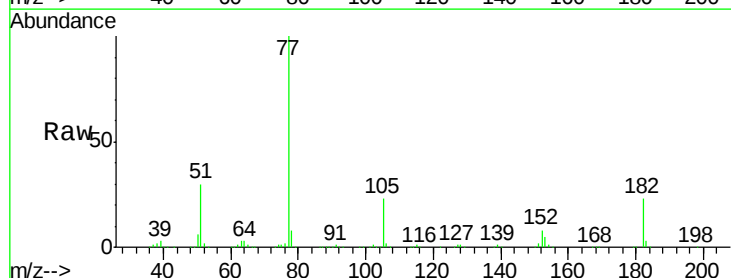


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

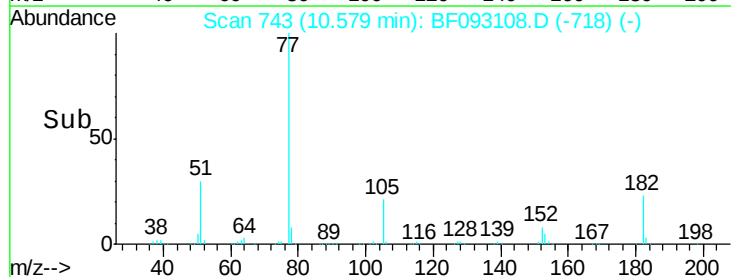
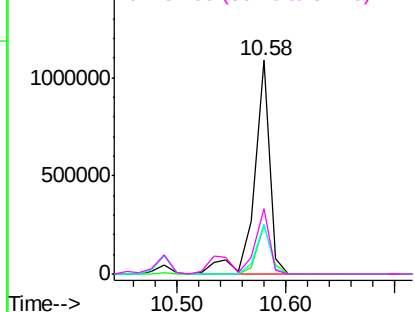


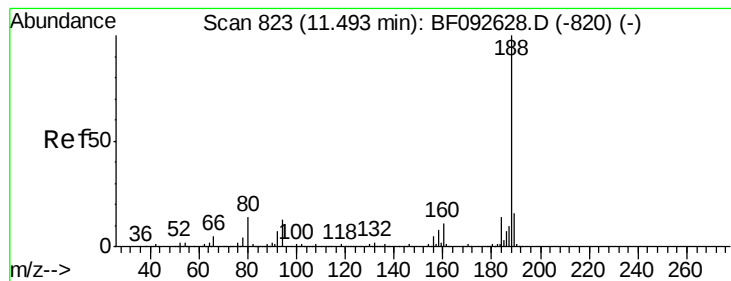
#62
Azobenzene
Concen: 53.45 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion: 77 Resp: 1081515
Ion Ratio Lower Upper
77 100
182 22.5 0.0 39.3
105 23.2 2.3 42.3
51 30.3 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: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

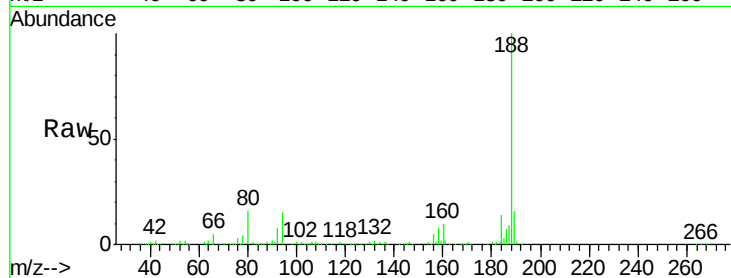
Tgt Ion:188 Resp: 542824

Ion Ratio Lower Upper

188 100

94 14.6 10.0 15.0

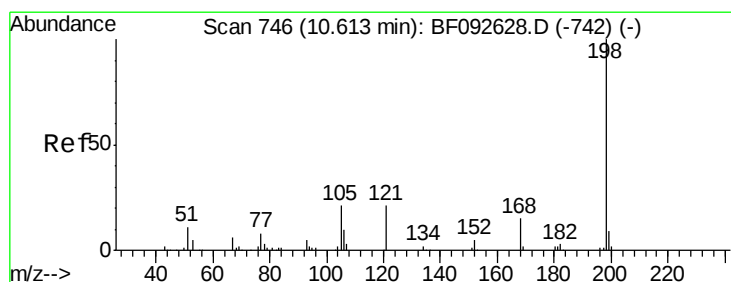
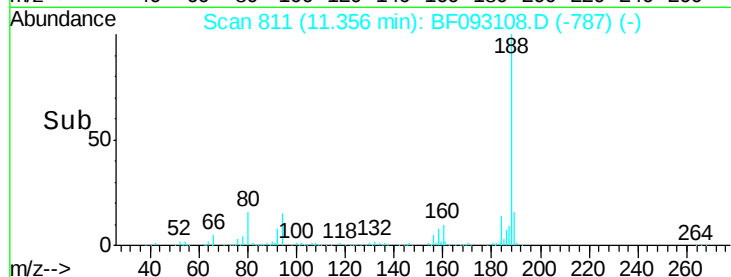
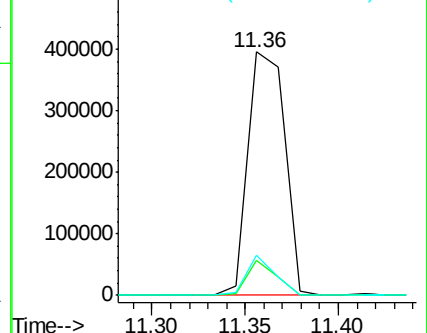
80 16.4 11.2 16.8



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: 50.29 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

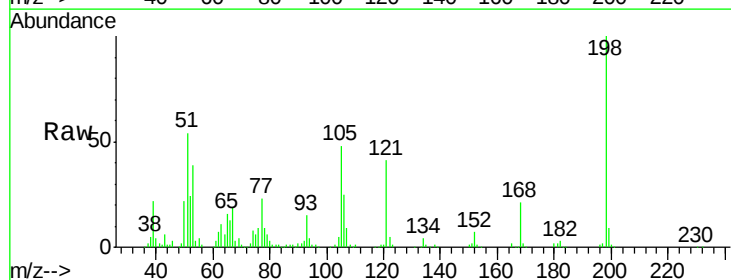
Tgt Ion:198 Resp: 166598

Ion Ratio Lower Upper

198 100

51 53.8 6.7 46.7#

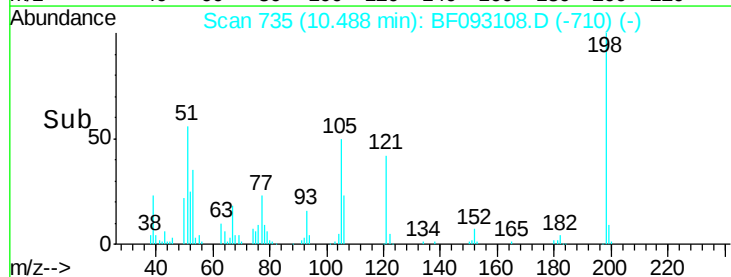
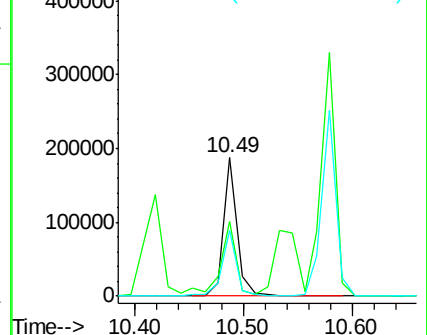
105 47.7 16.6 56.6

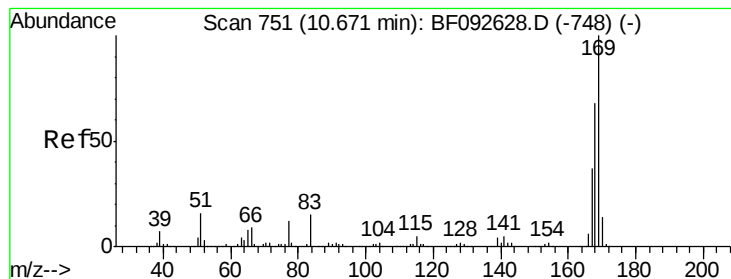


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.96 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

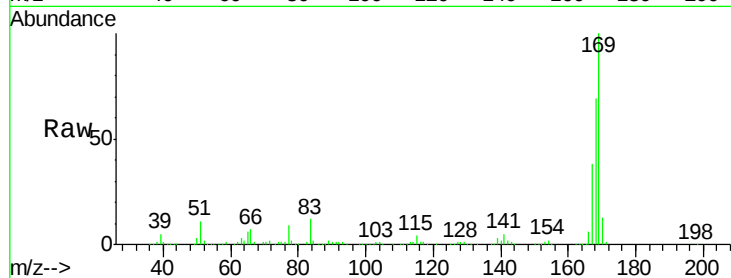
Tgt Ion:169 Resp: 831678

Ion Ratio Lower Upper

169 100

168 68.8 54.2 81.2

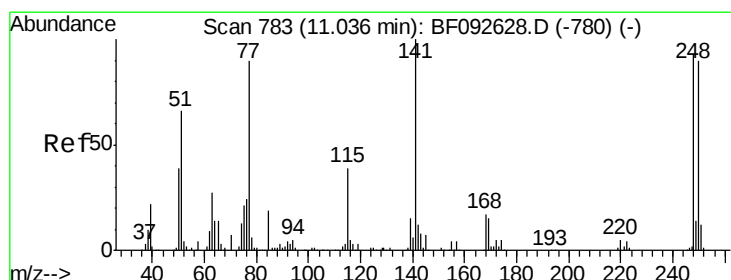
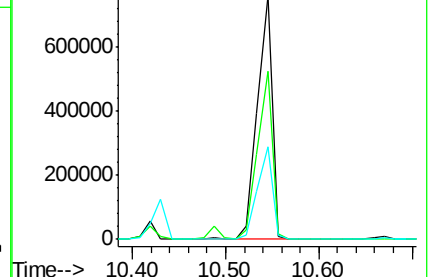
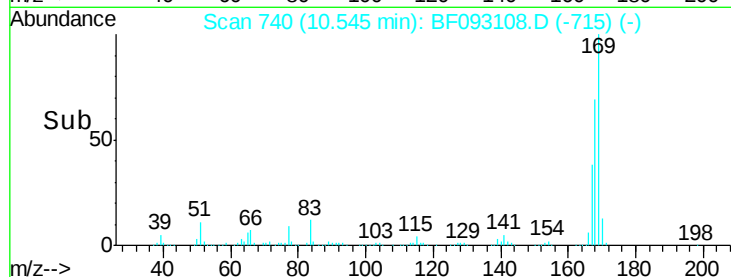
167 37.8 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.88 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

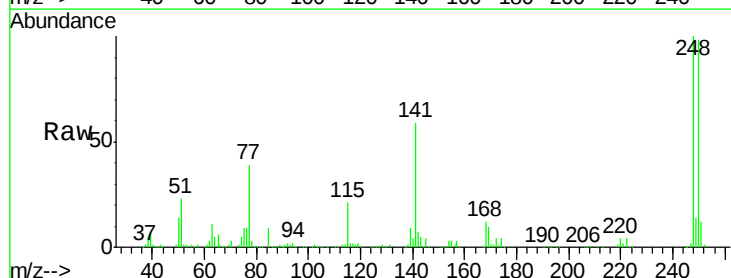
Tgt Ion:248 Resp: 260206

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

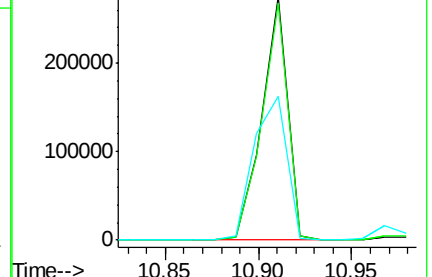
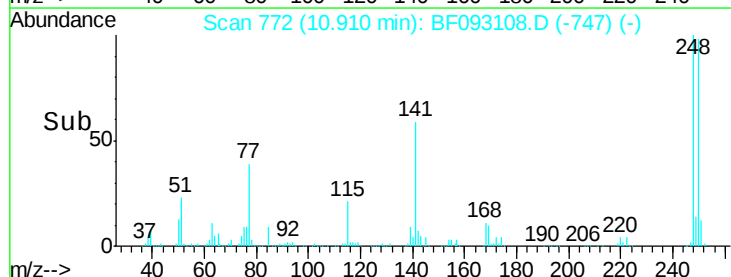
141 58.9 68.2 102.4#

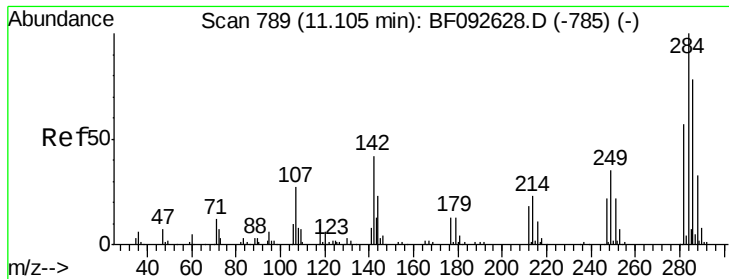


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

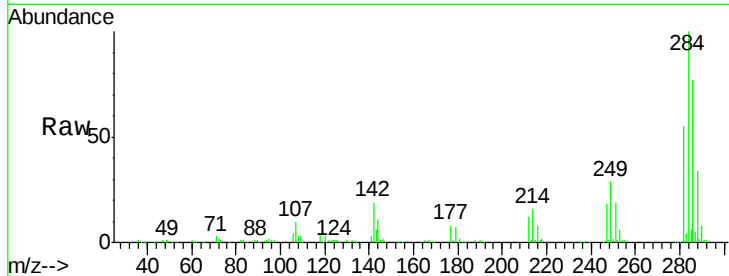




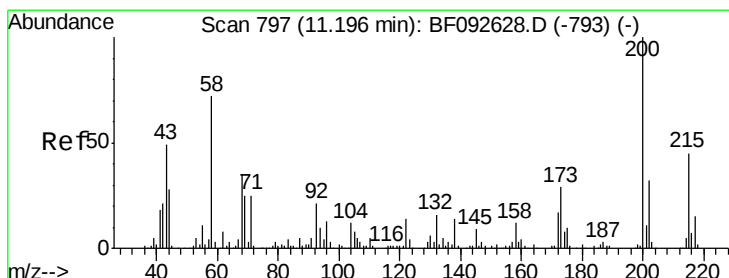
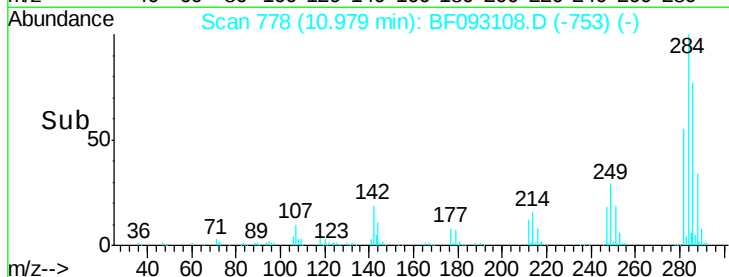
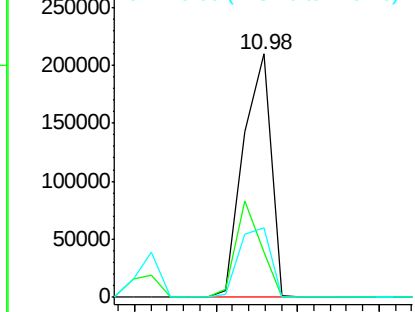
#67
Hexachlorobenzene
Concen: 44.16 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampled :
PB97124BS

Tgt Ion:284 Resp: 247473
Ion Ratio Lower Upper
284 100
142 18.7 22.6 33.8#
249 28.7 25.4 38.0

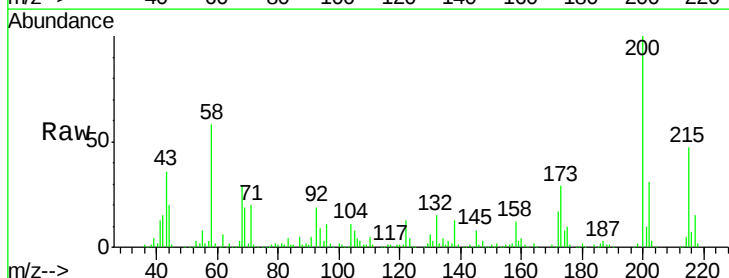


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

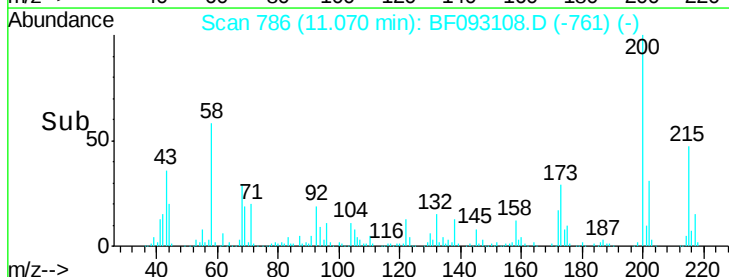
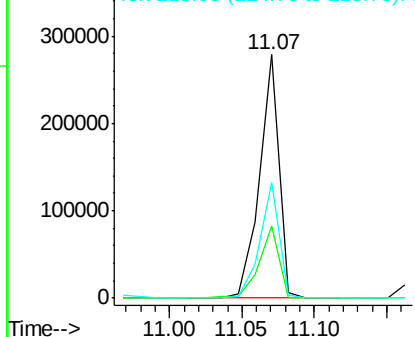


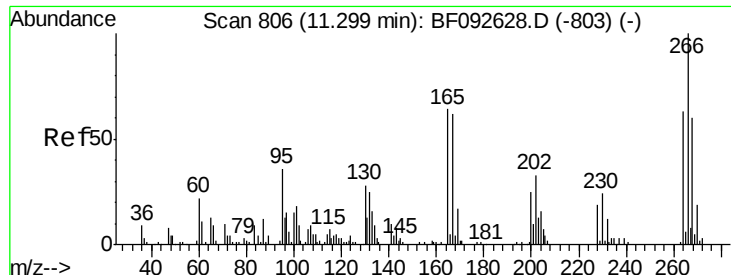
#68
Atrazine
Concen: 46.67 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:200 Resp: 259732
Ion Ratio Lower Upper
200 100
173 29.4 9.6 49.6
215 47.4 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

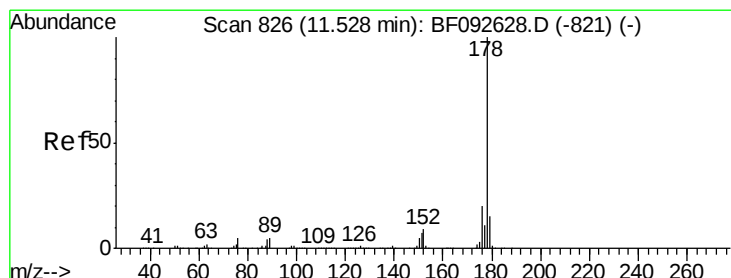
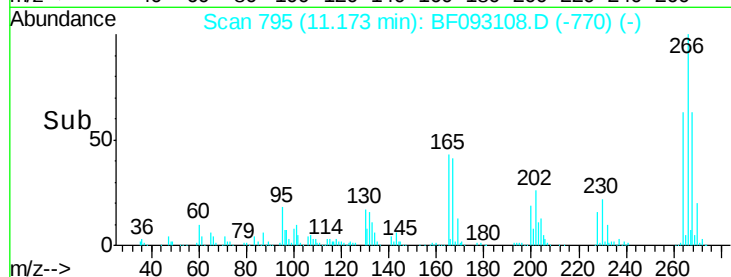
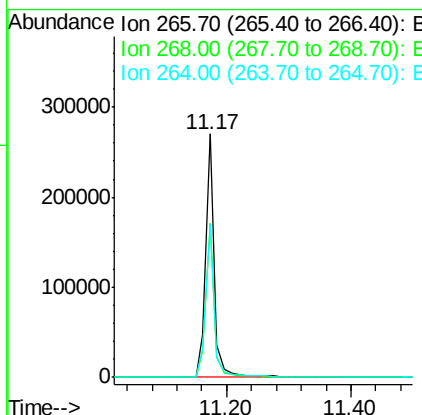
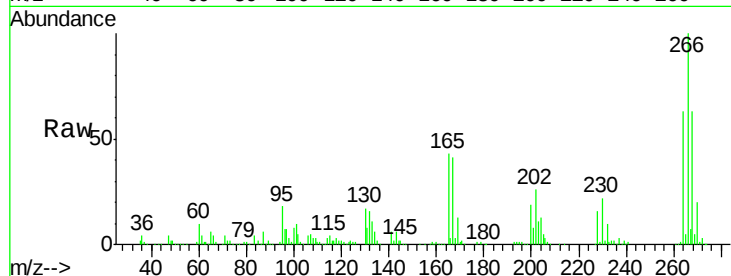




#69
Pentachlorophenol
 Concen: 90.90 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

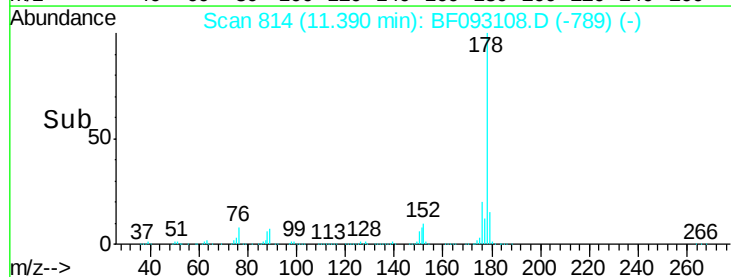
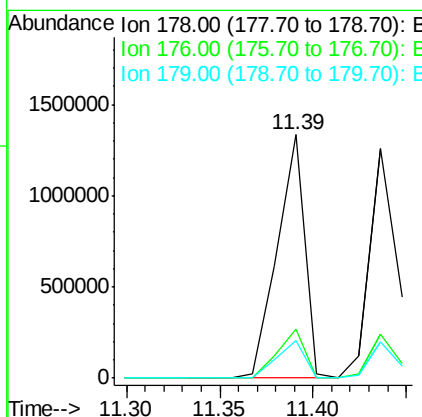
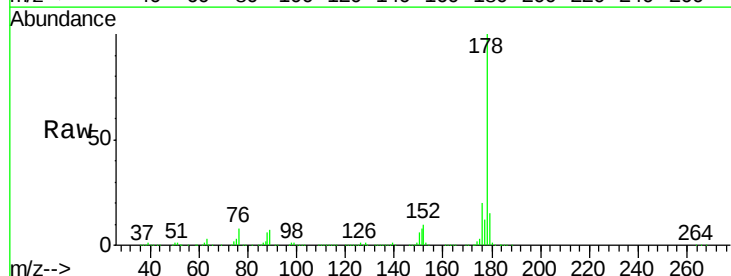
Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

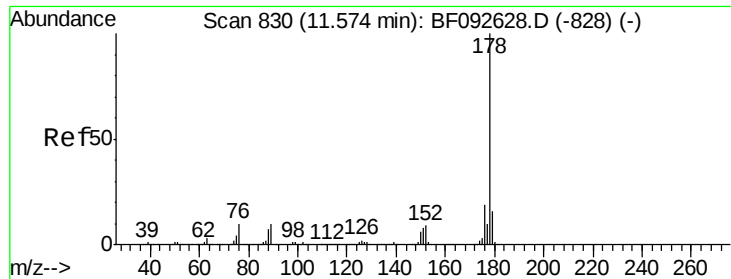
Tgt Ion:266 Resp: 266094
 Ion Ratio Lower Upper
 266 100
 268 63.5 53.3 79.9
 264 62.9 50.3 75.5



#70
Phenanthrene
 Concen: 44.06 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion:178 Resp: 1370301
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.3 12.8 19.2

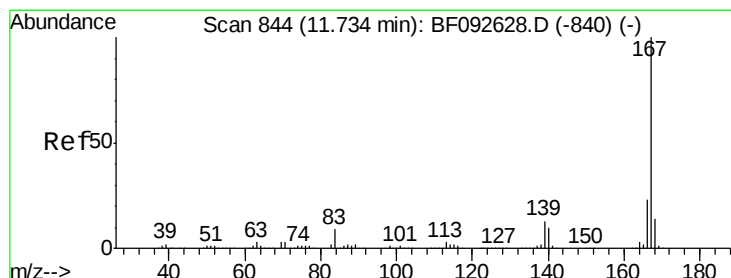
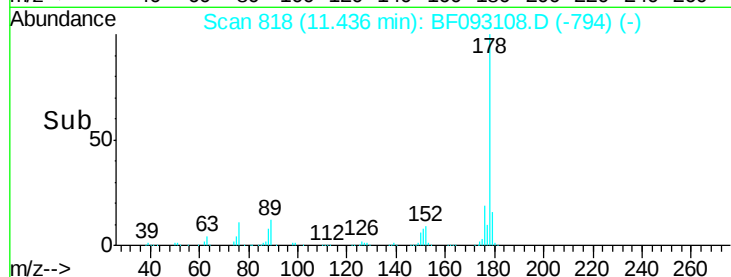
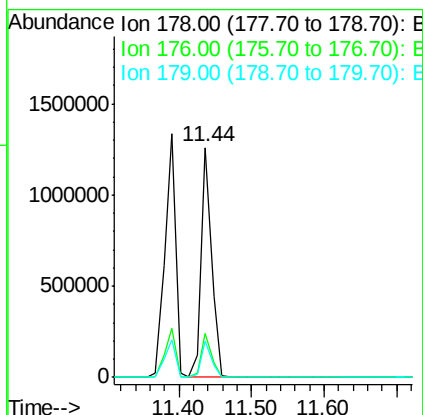
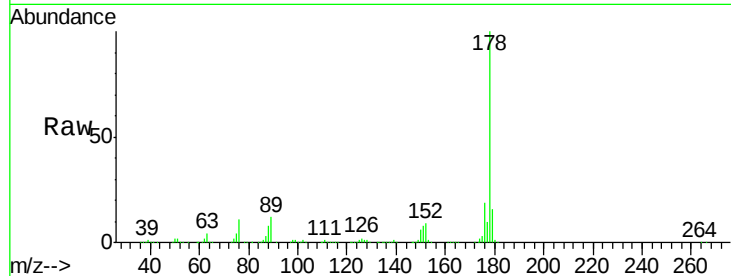




#71
 Anthracene
 Concen: 40.50 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

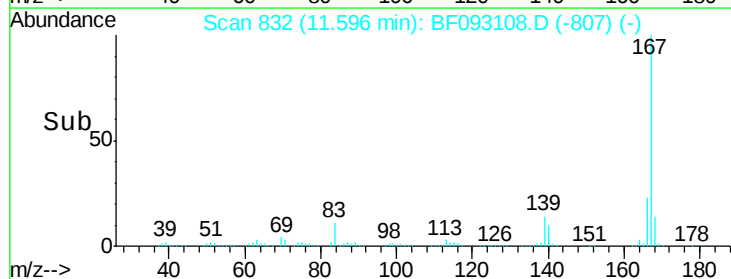
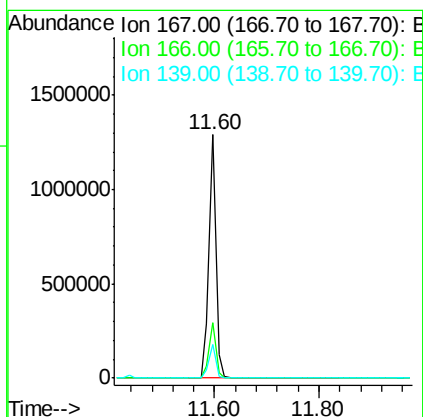
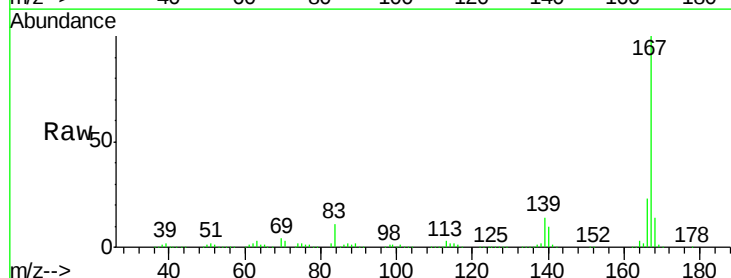
Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

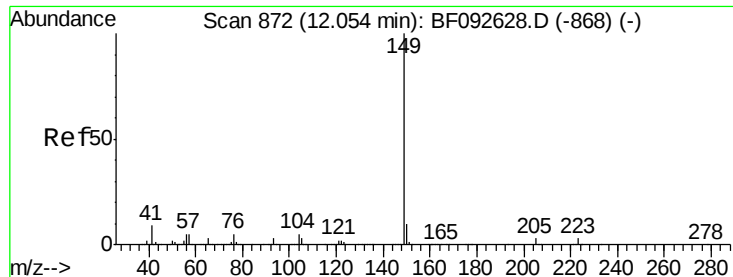
Tgt Ion:178 Resp: 1264745
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 16.0 13.2 19.8



#72
 Carbazole
 Concen: 39.85 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion:167 Resp: 1189741
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 13.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 49.61 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

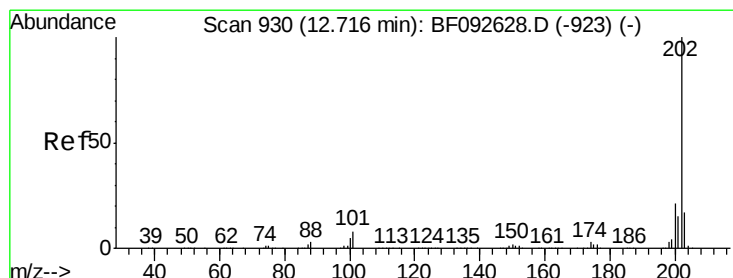
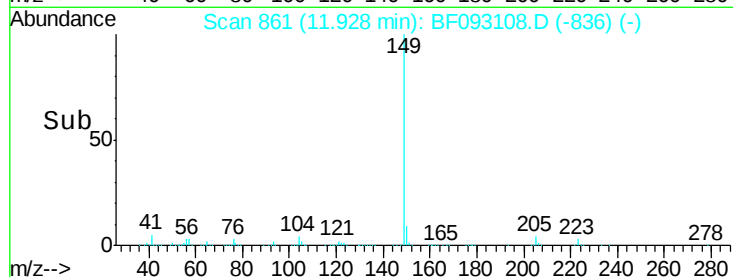
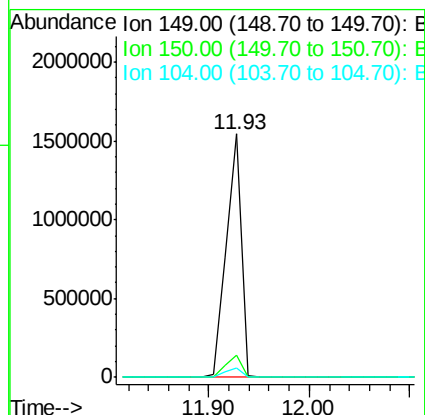
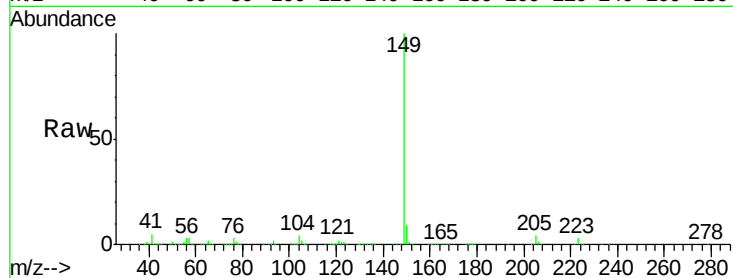
Tgt Ion:149 Resp: 1601838

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

104 3.7 4.6 7.0#



#74

Fluoranthene

Concen: 42.46 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

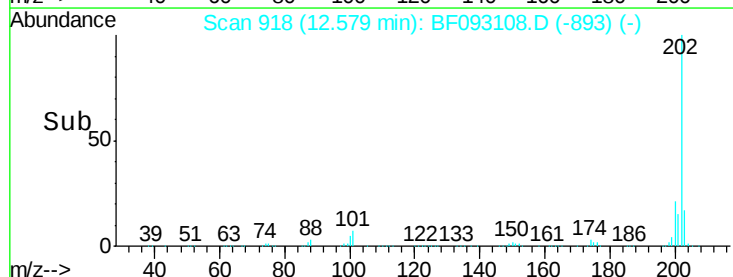
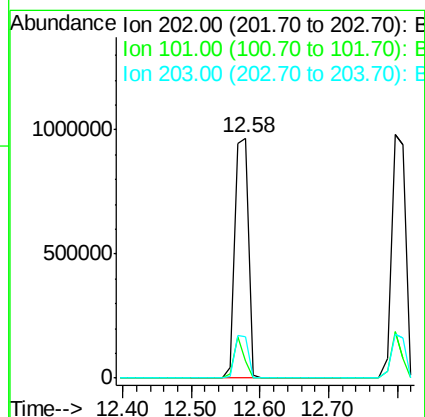
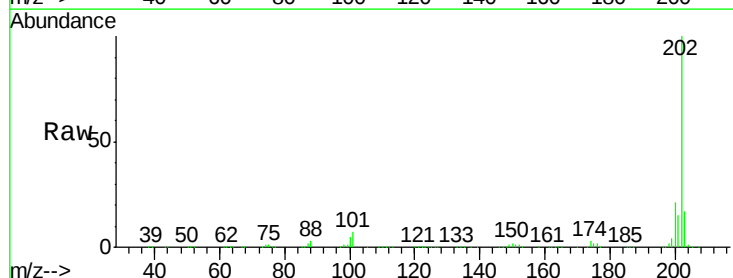
Tgt Ion:202 Resp: 1362218

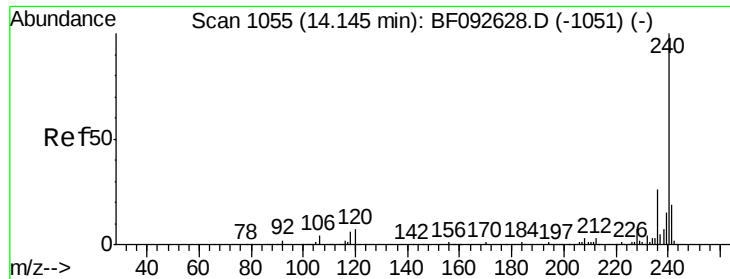
Ion Ratio Lower Upper

202 100

101 7.2 0.0 34.6

203 17.1 0.0 38.7

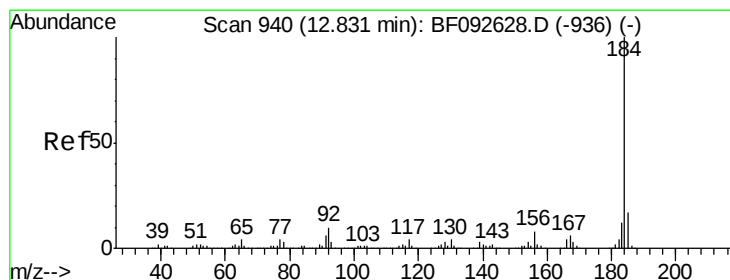
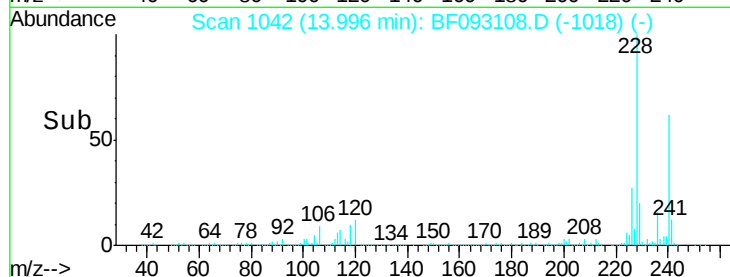
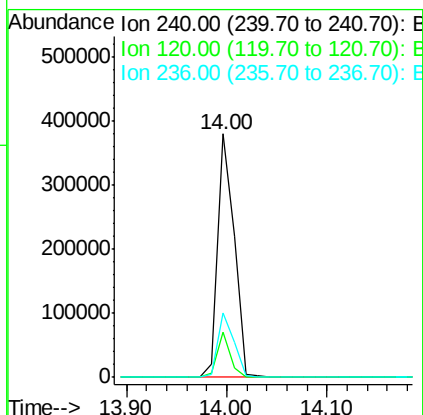
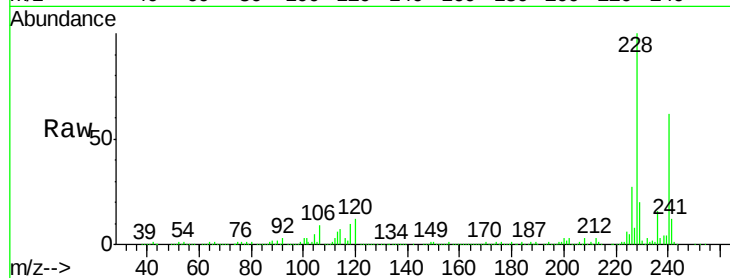




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

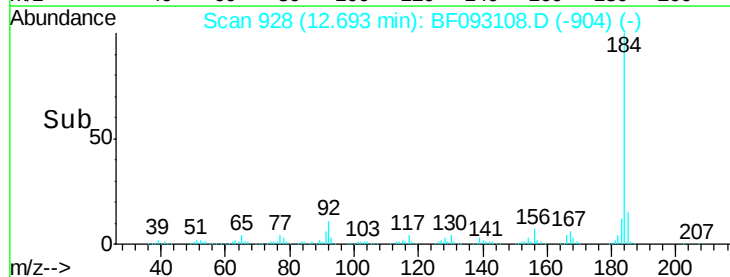
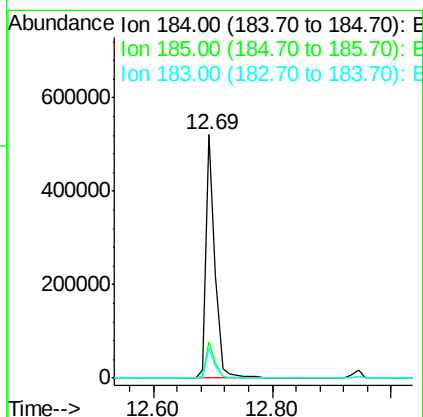
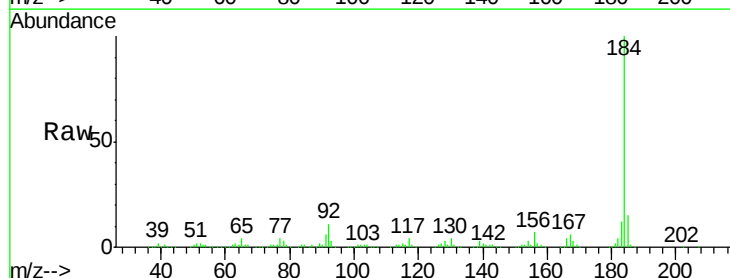
Instrument :
BNA_F
ClientSampleId :
PB97124BS

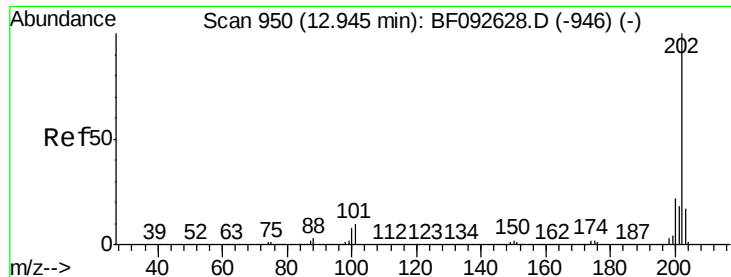
Tgt Ion:240 Resp: 433846
Ion Ratio Lower Upper
240 100
120 18.7 12.9 19.3
236 26.3 20.9 31.3



#76
Benzidine
Concen: 30.21 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:184 Resp: 558495
Ion Ratio Lower Upper
184 100
185 14.9 13.4 20.0
183 12.2 9.2 13.8





#77

Pyrene

Concen: 42.52 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

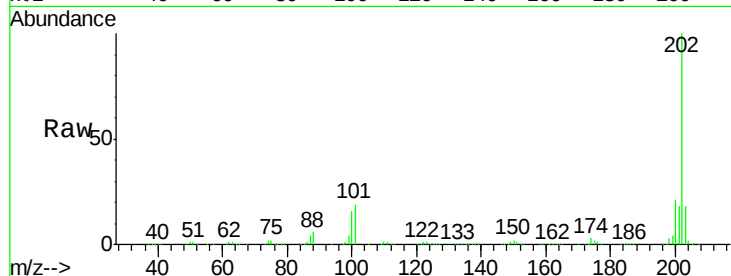
Tgt Ion:202 Resp: 1380643

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

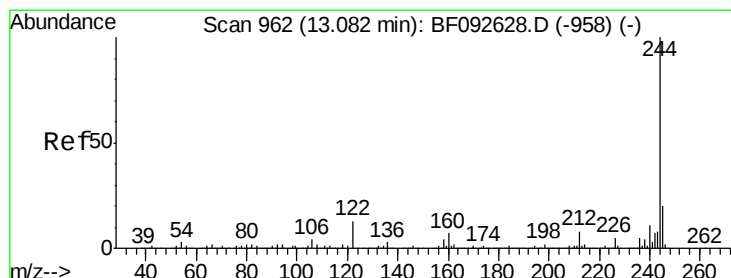
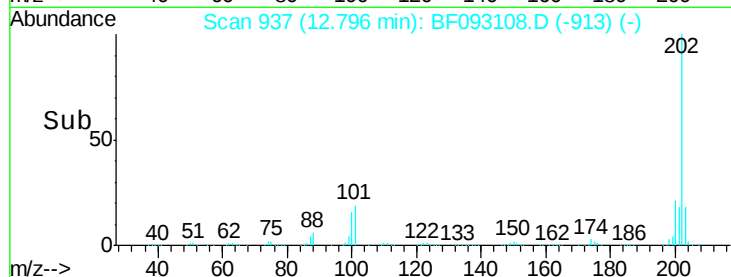
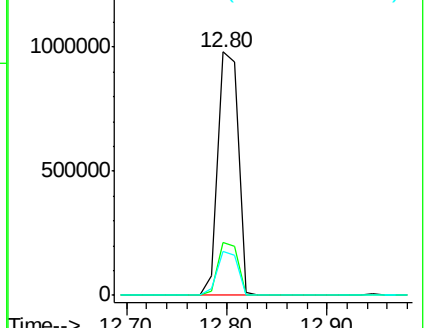
203 18.2 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.41 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

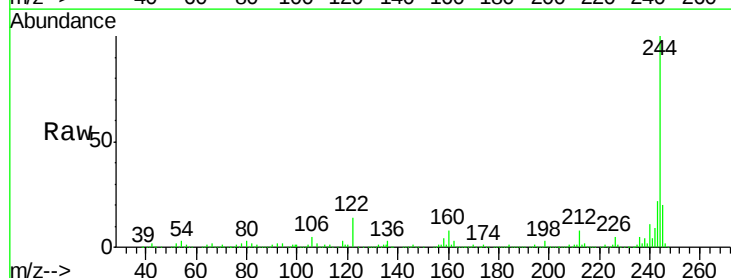
Tgt Ion:244 Resp: 1373839

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

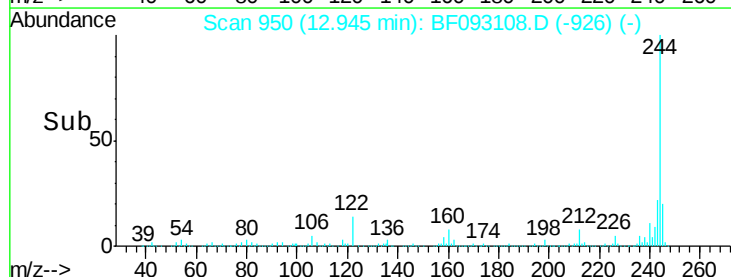
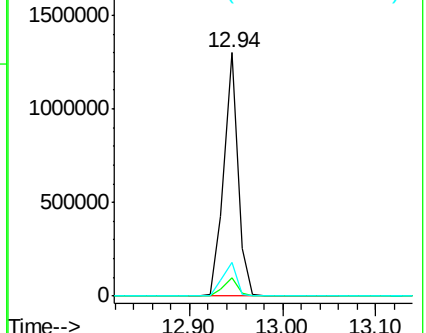
122 13.7 11.4 17.2

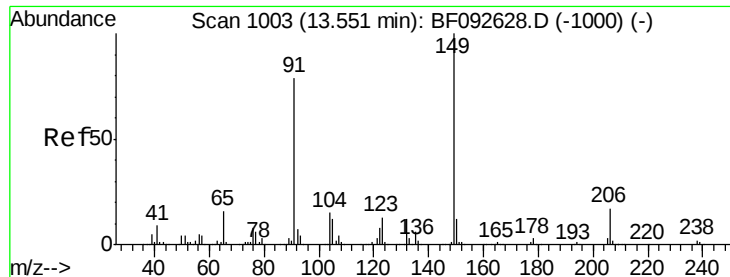


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

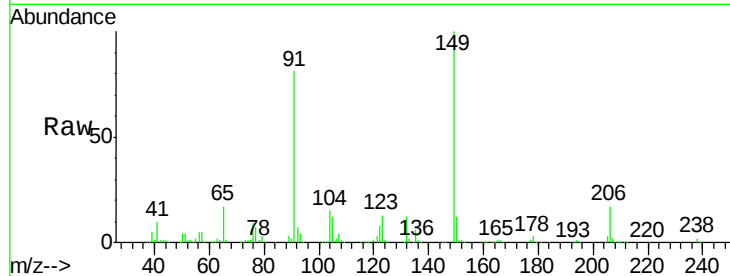




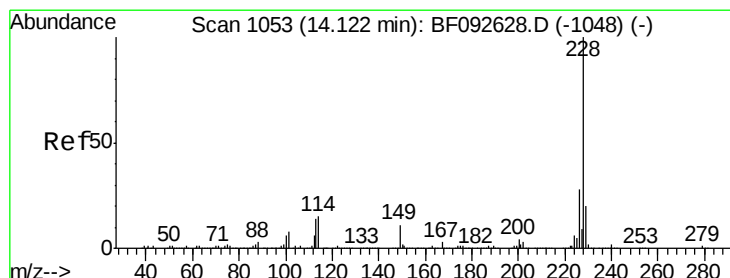
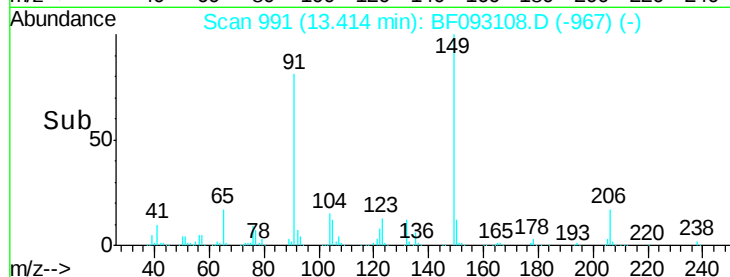
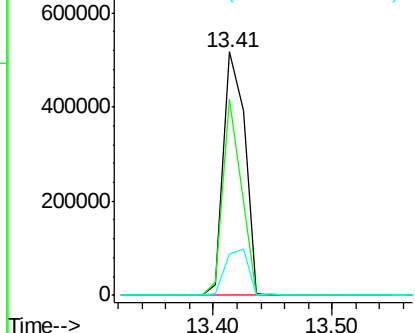
#79
Butylbenzylphthalate
Concen: 48.81 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97124BS

Tgt Ion:149 Resp: 643544
Ion Ratio Lower Upper
149 100
91 80.7 63.9 95.9
206 17.0 14.6 21.8

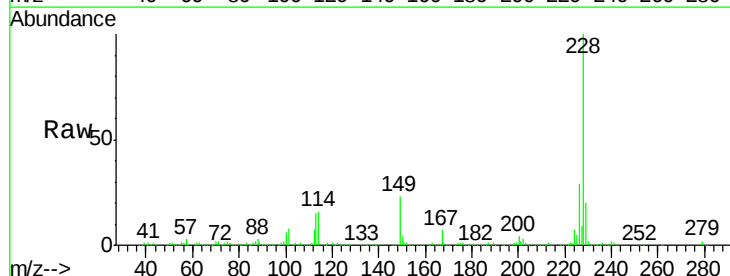


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

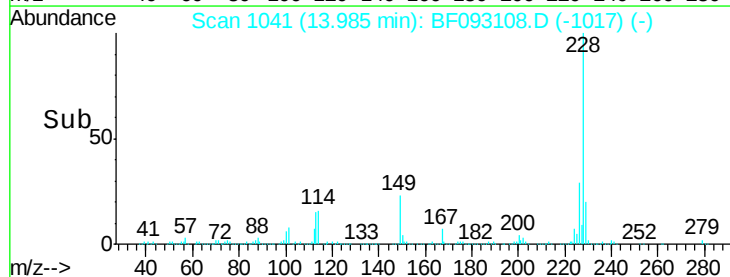
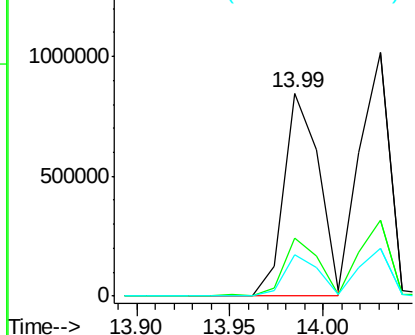


#80
Benzo(a)anthracene
Concen: 41.62 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:228 Resp: 1104489
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 20.2 16.2 24.4



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

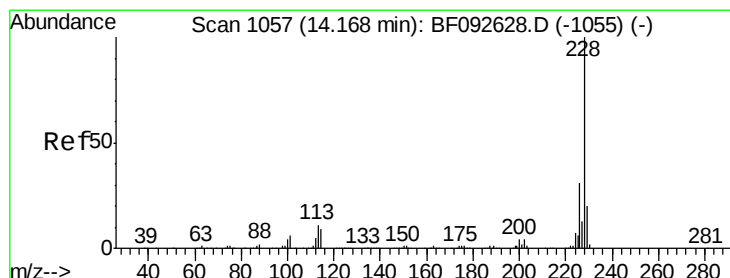
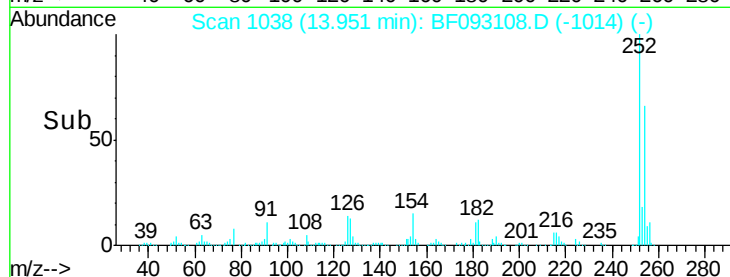
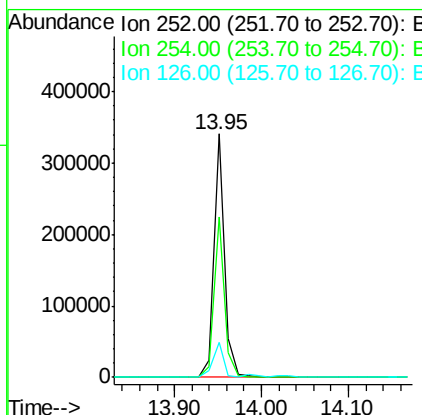
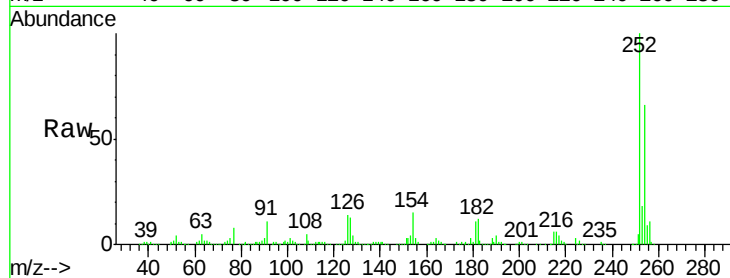




#81
 3,3'-Dichlorobenzidine
 Concen: 30.99 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

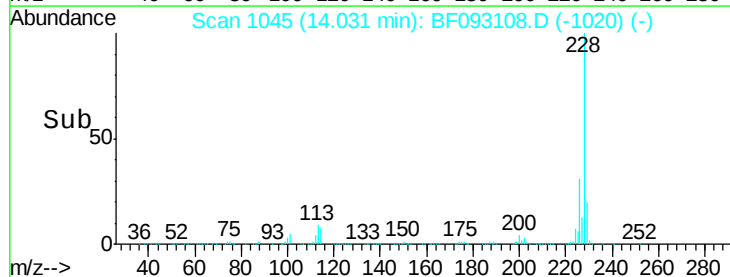
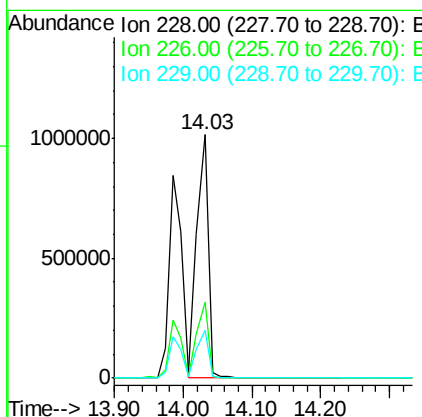
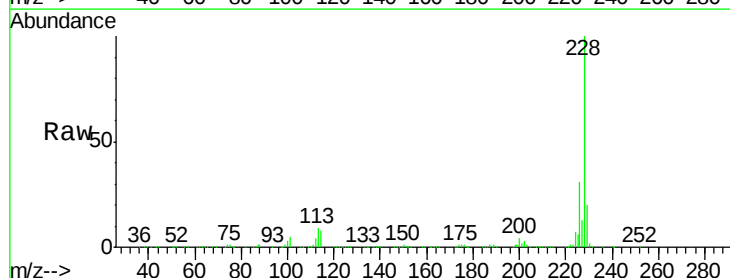
Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

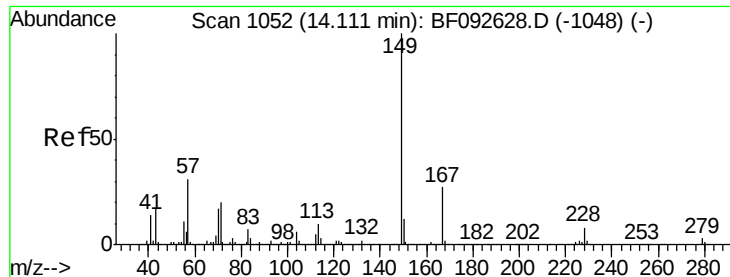
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.3	78.5
126	14.3	13.6	20.4



#82
 Chrysene
 Concen: 46.09 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	19.7	16.2	24.2

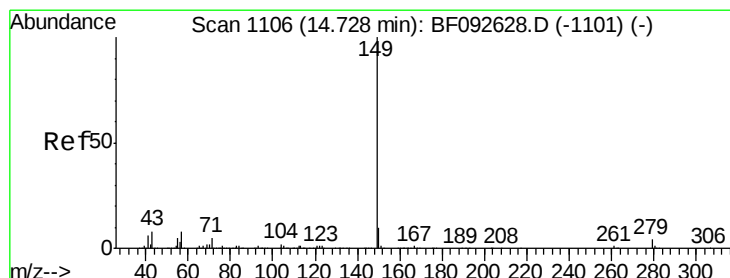
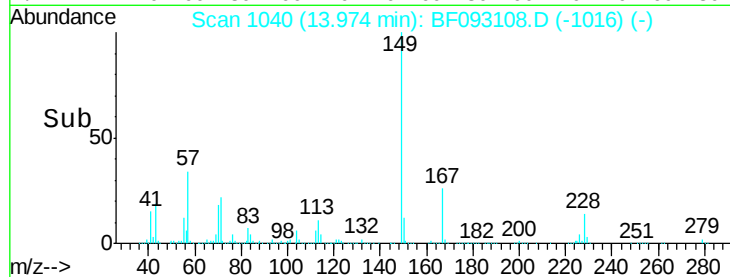
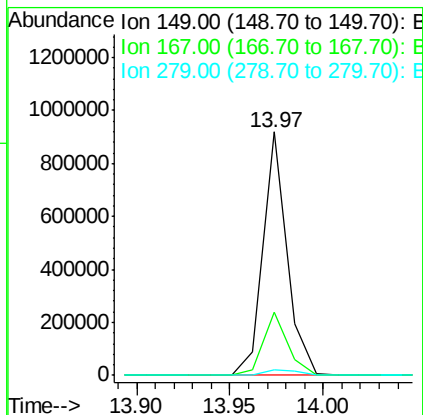
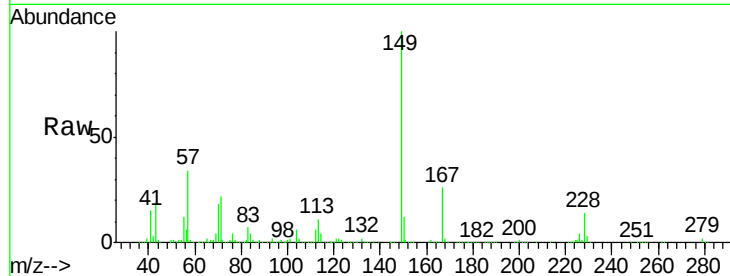




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.99 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

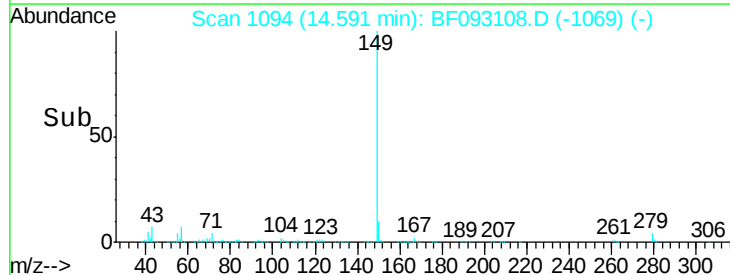
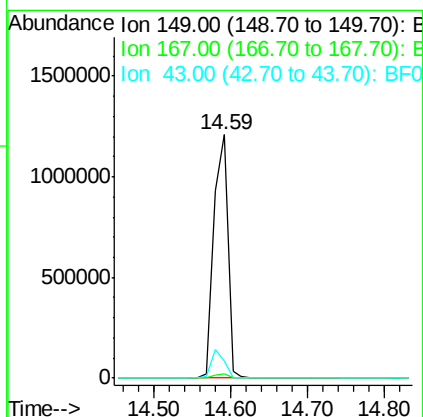
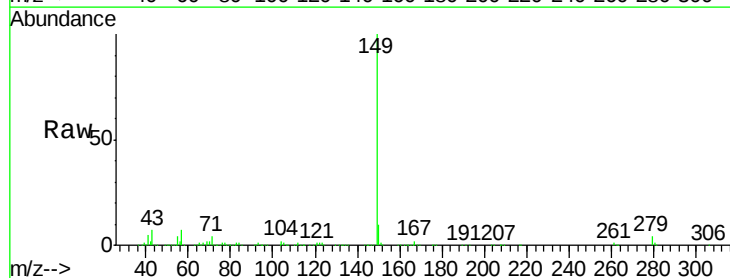
Instrument :
 BNA_F
 ClientSampleId :
 PB97124BS

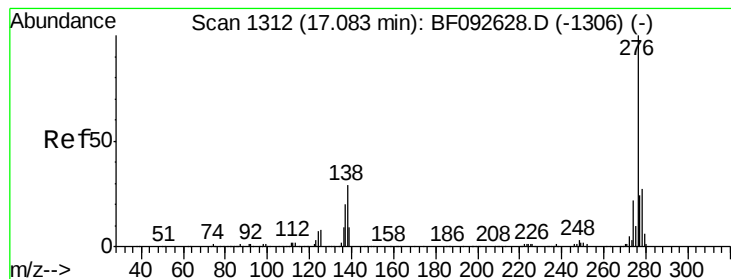
Tgt Ion:149 Resp: 829328
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.2 30.4
 279 2.4 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 51.53 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093108.D
 Acq: 23 Feb 2017 17:01

Tgt Ion:149 Resp: 1512916
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.8 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.89 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

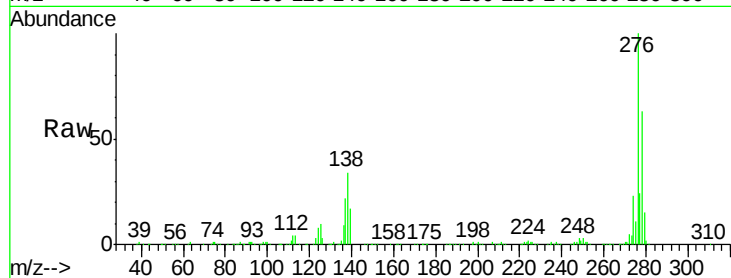
Tgt Ion:276 Resp: 825402

Ion Ratio Lower Upper

276 100

138 33.1 21.8 32.6#

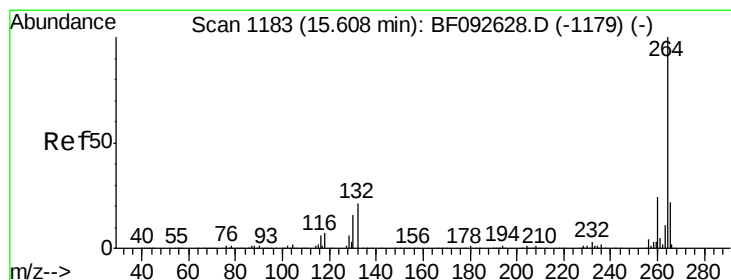
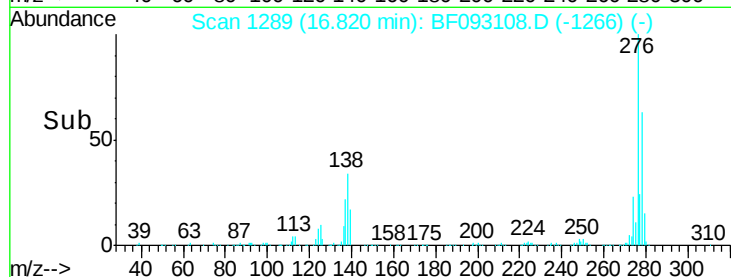
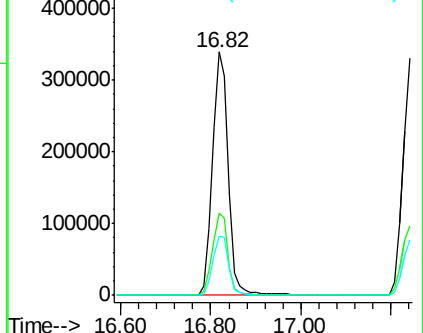
277 24.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

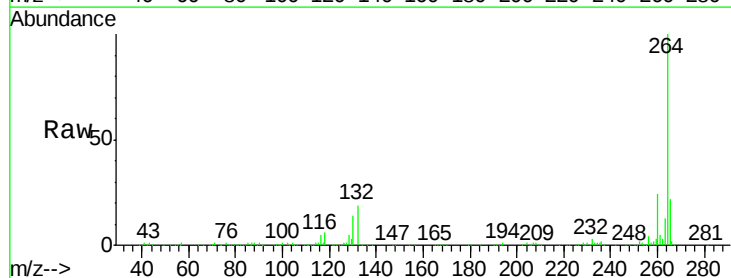
Tgt Ion:264 Resp: 350323

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

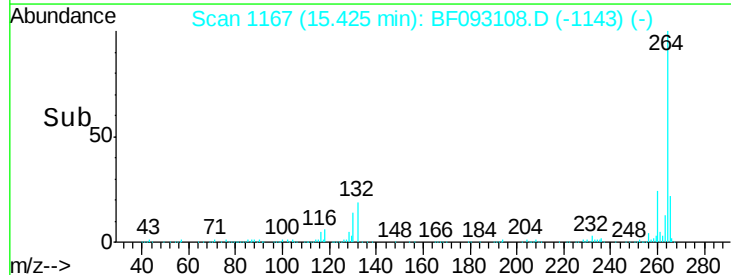
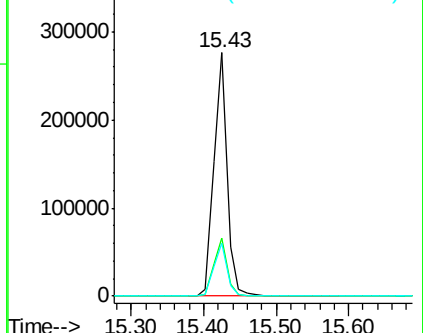
265 21.7 17.4 26.0

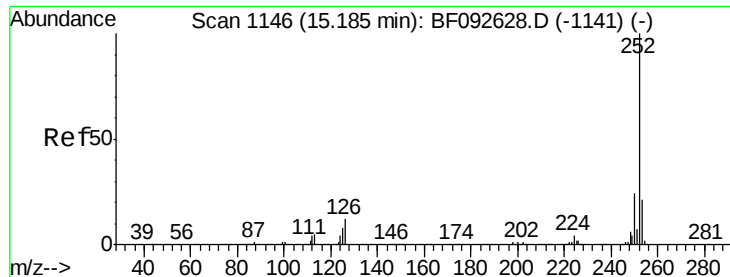


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

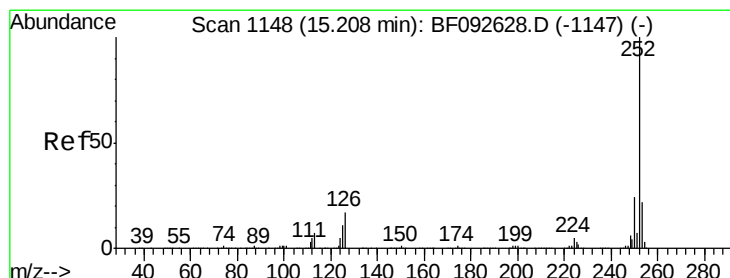
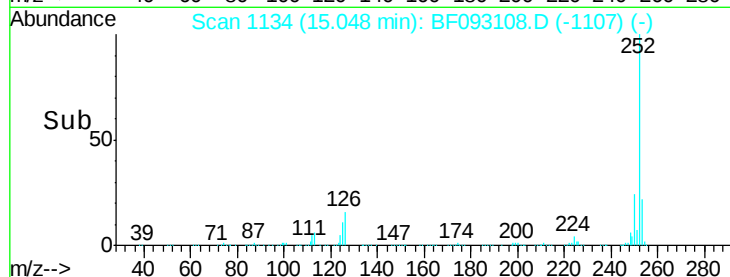
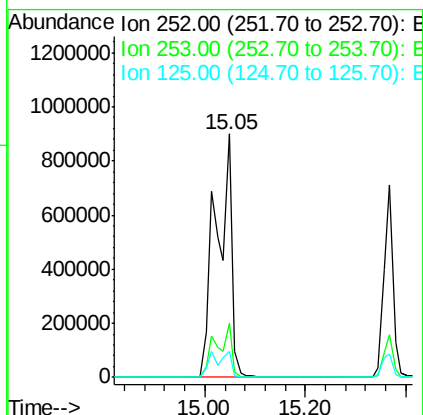
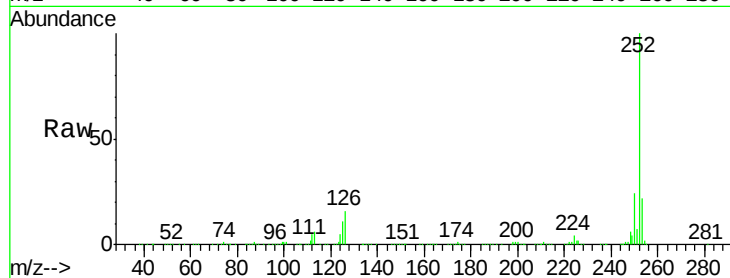




#87
Benzo(b)fluoranthene
Concen: 84.92 ng
RT: 15.05 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

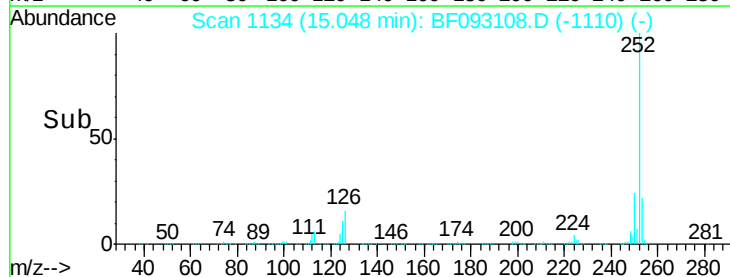
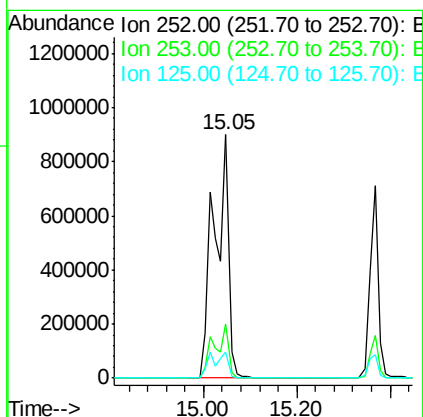
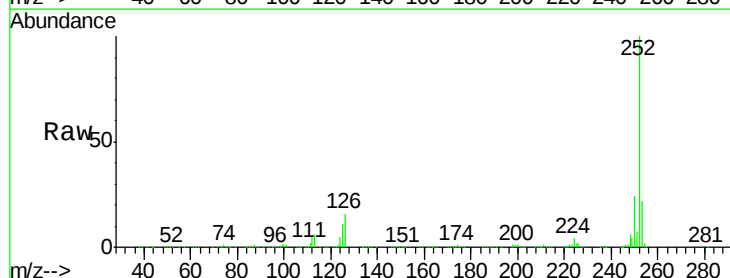
Instrument :
BNA_F
ClientSampleId :
PB97124BS

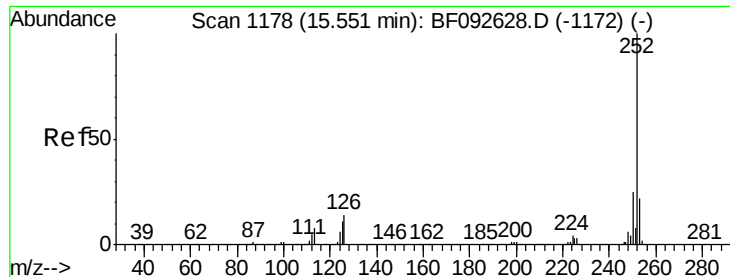
Tgt Ion:252 Resp: 1958182
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 10.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 98.39 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion:252 Resp: 1958893
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 10.6 8.9 13.3

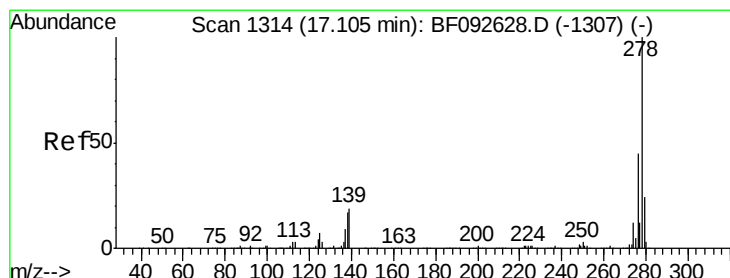
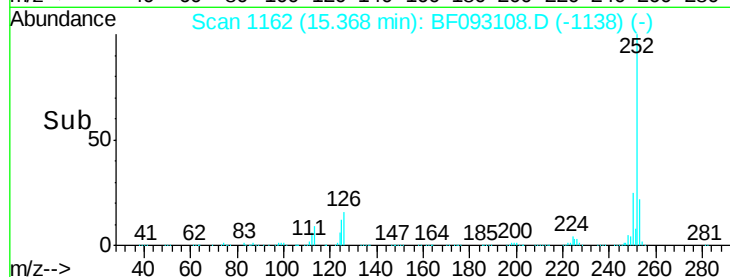
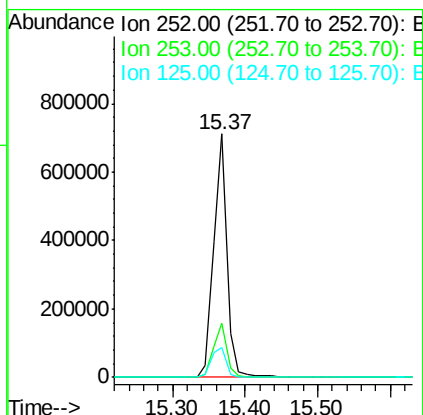
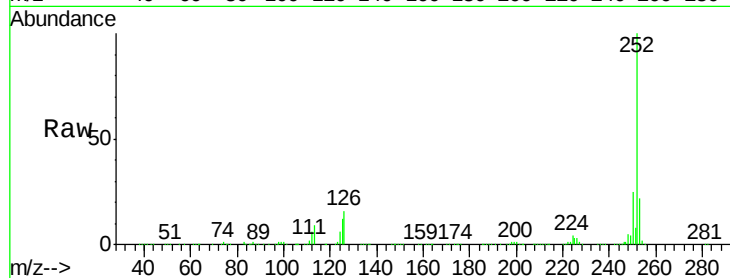




#89
Benzo(a)pyrene
Concen: 45.38 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

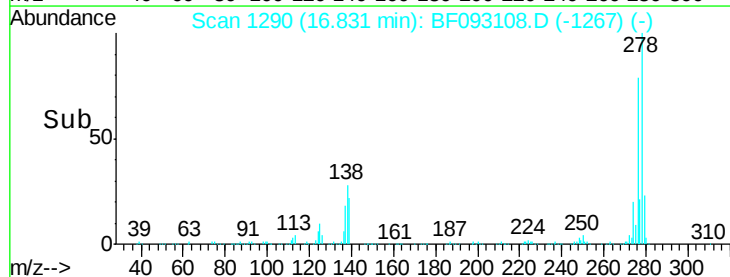
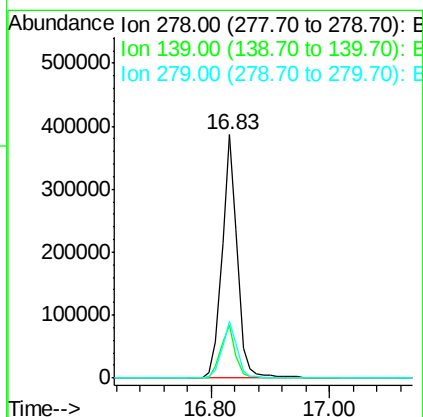
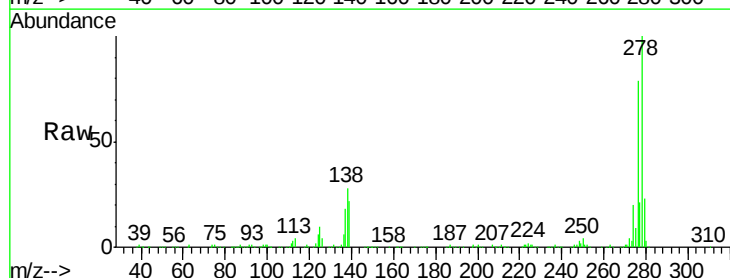
Instrument :
BNA_F
ClientSampleId :
PB97124BS

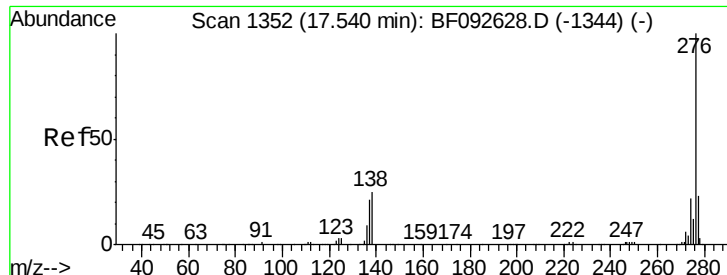
Tgt Ion: 252 Resp: 905051
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 12.2 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 42.45 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093108.D
Acq: 23 Feb 2017 17:01

Tgt Ion: 278 Resp: 684295
Ion Ratio Lower Upper
278 100
139 21.5 14.8 22.2
279 23.5 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 43.12 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.05 min

Lab File: BF093108.D

Acq: 23 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97124BS

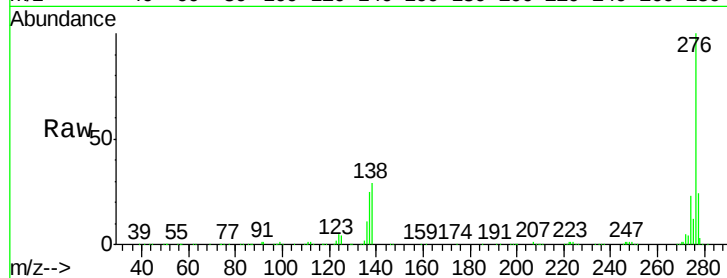
Tgt Ion: 276 Resp: 702133

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 29.4 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

