

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093316.D
 Acq On : 2 Mar 2017 11:56
 Operator : SJ/MA
 Sample : PB97255BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Quant Time: Mar 03 00:09:18 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	6.80	152	144639	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	529246	20.00	ng	-0.06
38) Acenaphthene-d10	9.86	164	251301	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	485442	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	449478	20.00	ng	-0.03
86) Perylene-d12	15.40	264	393040	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1007827	119.54	ng	-0.06
7) Phenol-d6	6.44	99	1270974	117.17	ng	-0.05
23) Nitrobenzene-d5	7.37	82	753641	79.30	ng	-0.06
41) 2,4,6-Tribromophenol	10.66	330	243516	133.98	ng	-0.02
44) 2-Fluorobiphenyl	9.17	172	1225844	88.37	ng	-0.05
78) Terphenyl-d14	12.92	244	1185758	61.99	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	154038	33.81	ng	# 81
3) Pyridine	3.08	79	461162	39.81	ng	# 80
4) n-Nitrosodimethylamine	3.04	42	209213	38.46	ng	# 81
6) Aniline	6.45	93	216479	14.63	ng	# 74
8) 2-Chlorophenol	6.58	128	347904	37.41	ng	# 88
9) Benzaldehyde	6.34	77	121626	15.65	ng	# 86
10) Phenol	6.46	94	436683	34.41	ng	# 76
11) bis(2-Chloroethyl)ether	6.53	93	370091	36.53	ng	# 93
12) 1,3-Dichlorobenzene	6.73	146	381141	34.99	ng	# 88
13) 1,4-Dichlorobenzene	6.81	146	392530	35.60	ng	# 99
14) 1,2-Dichlorobenzene	6.97	146	376933	35.75	ng	# 96
15) Benzyl Alcohol	6.94	79	288491	35.92	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	636051	36.14	ng	# 94
17) 2-Methylphenol	7.07	107	301845	37.83	ng	# 96
18) Hexachloroethane	7.31	117	139022	36.94	ng	# 90
19) n-Nitroso-di-n-propylamine	7.22	70	289072	41.86	ng	# 97
20) 3+4-Methylphenols	7.23	107	404804	42.43	ng	# 73
22) Acetophenone	7.22	105	506828	41.94	ng	# 96
24) Nitrobenzene	7.39	77	426522	43.71	ng	# 94
25) Isophorone	7.63	82	704803	39.80	ng	# 97
26) 2-Nitrophenol	7.71	139	189256	40.80	ng	# 91
27) 2,4-Dimethylphenol	7.76	122	327804	40.24	ng	# 96
28) bis(2-Chloroethoxy)methane	7.85	93	437823	37.33	ng	# 99
29) 2,4-Dichlorophenol	7.96	162	289096	38.05	ng	# 97
30) 1,2,4-Trichlorobenzene	8.03	180	289466	35.35	ng	# 95
31) Naphthalene	8.11	128	932252	34.75	ng	# 99
32) Benzoic acid	7.90	122	170706	38.63	ng	# 89
33) 4-Chloroaniline	8.17	127	127394	12.11	ng	# 96
34) Hexachlorobutadiene	8.22	225	152227	33.79	ng	# 99
35) Caprolactam	8.54	113	99939	41.82	ng	# 46
36) 4-Chloro-3-methylphenol	8.67	107	303498	38.31	ng	# 99
37) 2-Methylnaphthalene	8.81	142	634947	36.86	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	296152	41.98	ng	# 100
40) Hexachlorocyclopentadiene	8.96	237	139263	43.76	ng	# 98

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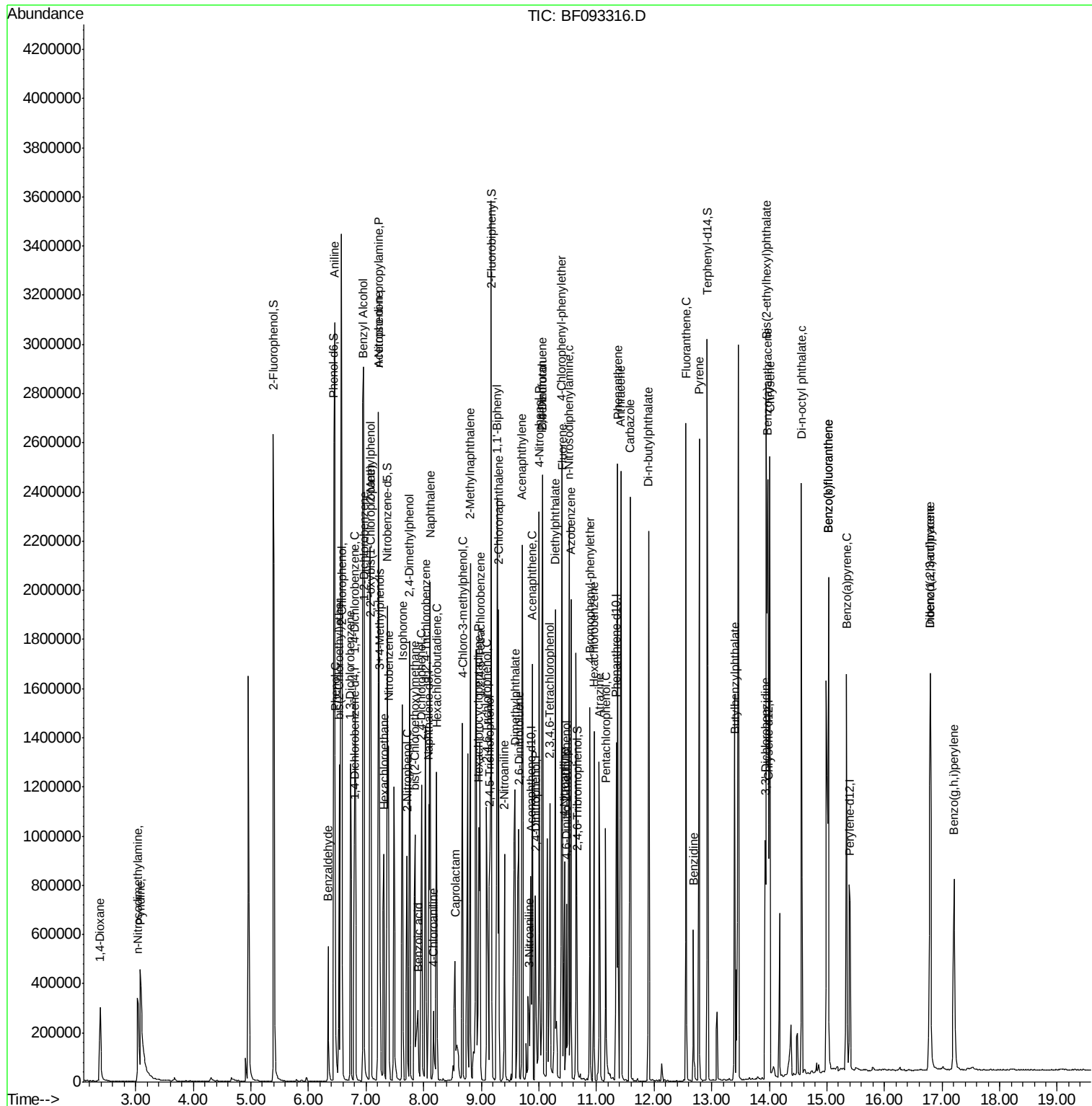
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	190255	41.05	ng	90
43) 2,4,5-Trichlorophenol	9.15	196	188409	37.10	ng	# 82
45) 1,1'-Biphenyl	9.28	154	801592	44.05	ng	99
46) 2-Chloronaphthalene	9.30	162	589035	41.38	ng	96
47) 2-Nitroaniline	9.40	65	190598	39.82	ng	93
48) Acenaphthylene	9.71	152	940422	38.24	ng	98
49) Dimethylphthalate	9.58	163	749392	44.27	ng	99
50) 2,6-Dinitrotoluene	9.65	165	175151	47.91	ng	91
51) Acenaphthene	9.88	154	550815	37.46	ng	97
52) 3-Nitroaniline	9.82	138	77393	18.50	ng	# 75
53) 2,4-Dinitrophenol	9.94	184	112401	61.60	ng	# 58
54) Dibenzofuran	10.06	168	838144	42.62	ng	93
55) 4-Nitrophenol	10.01	139	182554	60.59	ng	94
56) 2,4-Dinitrotoluene	10.06	165	208502	42.84	ng	88
57) Fluorene	10.41	166	682497	45.11	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	160835	47.47	ng	92
59) Diethylphthalate	10.28	149	740611	46.43	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	302694	41.65	ng	88
61) 4-Nitroaniline	10.44	138	185587	43.31	ng	86
62) Azobenzene	10.56	77	799154	48.49	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	102592	35.46	ng	# 71
65) n-Nitrosodiphenylamine	10.52	169	608398	39.23	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	184183	36.32	ng	93
67) Hexachlorobenzene	10.96	284	174574	34.83	ng	# 87
68) Atrazine	11.05	200	194929	39.17	ng	99
69) Pentachlorophenol	11.16	266	145389	58.34	ng	97
70) Phenanthrene	11.37	178	941712	33.86	ng	98
71) Anthracene	11.42	178	1089520	39.01	ng	97
72) Carbazole	11.58	167	971464	36.39	ng	98
73) Di-n-butylphthalate	11.90	149	1112868	38.54	ng	# 98
74) Fluoranthene	12.56	202	1015631	35.40	ng	99
76) Benzidine	12.68	184	250034	13.05	ng	97
77) Pyrene	12.78	202	1073922	31.93	ng	99
79) Butylbenzylphthalate	13.40	149	517252	37.87	ng	# 71
80) Benzo(a)anthracene	13.97	228	945350	34.39	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	192263	19.62	ng	97
82) Chrysene	14.01	228	887539	34.48	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	720495	38.57	ng	97
84) Di-n-octyl phthalate	14.56	149	1188733	39.08	ng	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	753843	37.81	ng	95
87) Benzo(b)fluoranthene	15.03	252	1709101	66.07	ng	98
88) Benzo(k)fluoranthene	15.03	252	1709404	76.53	ng	98
89) Benzo(a)pyrene	15.35	252	821531	36.71	ng	99
90) Dibenzo(a,h)anthracene	16.80	278	634692	35.09	ng	95
91) Benzo(g,h,i)perylene	17.21	276	624194	34.16	ng	# 90

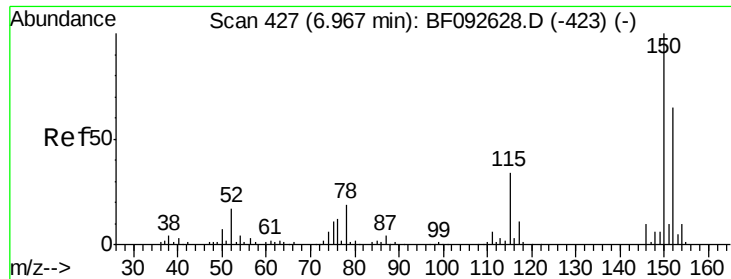
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

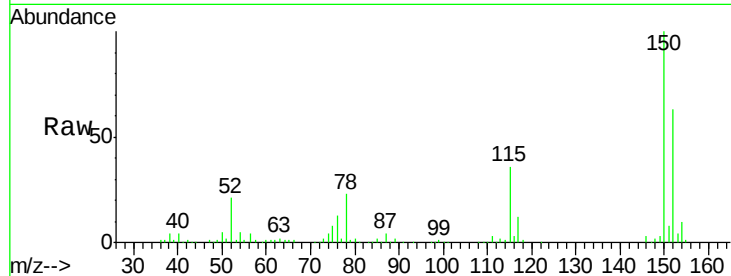
Tgt Ion:152 Resp: 144639

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

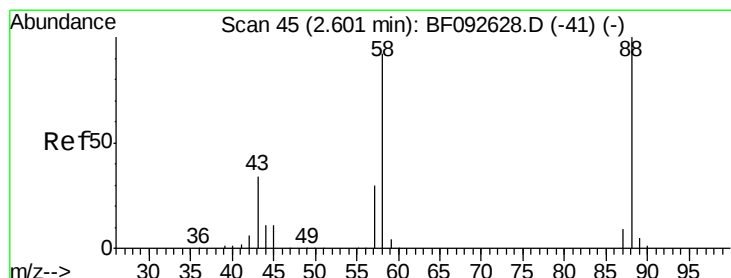
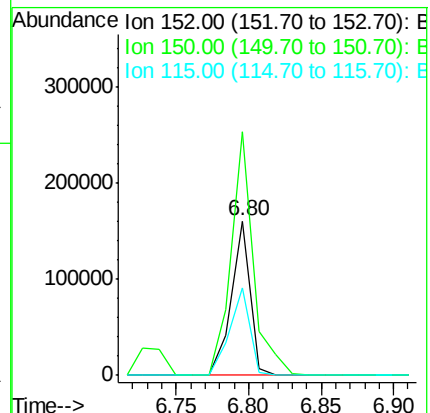
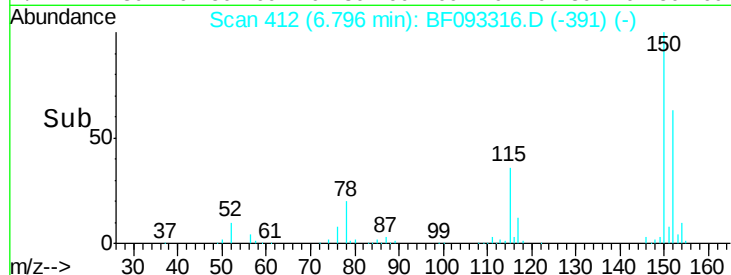
115 56.5 46.0 69.0



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: 33.81 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.05 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

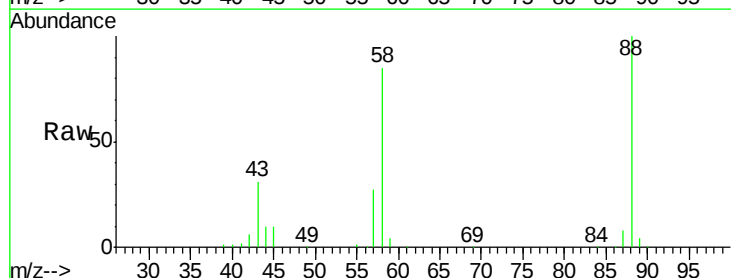
Tgt Ion: 88 Resp: 154038

Ion Ratio Lower Upper

88 100

58 91.2 57.8 86.8#

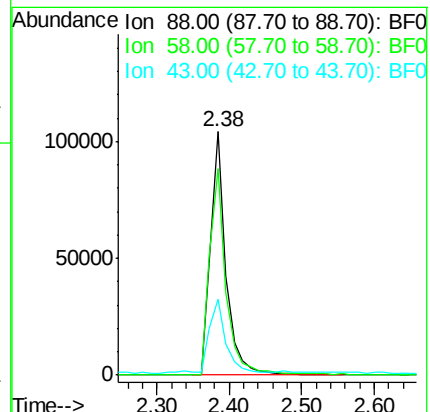
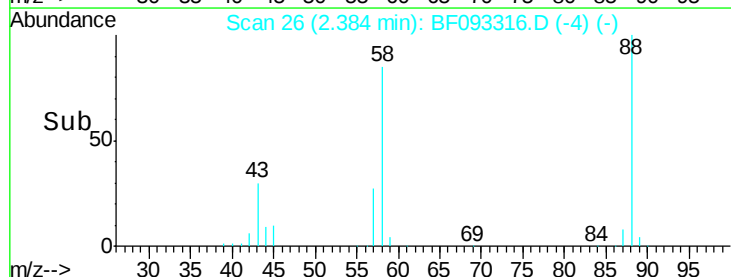
43 33.4 22.3 33.5



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: 39.81 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.07 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

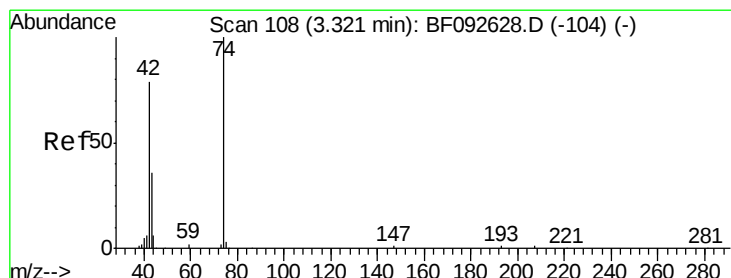
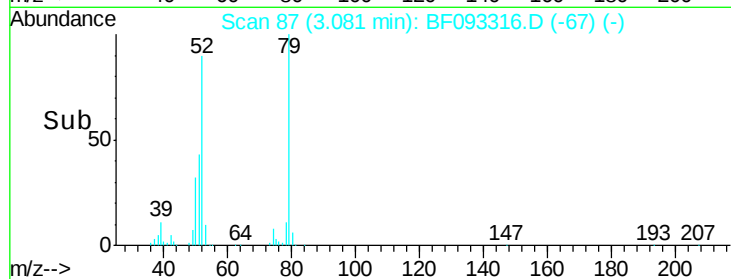
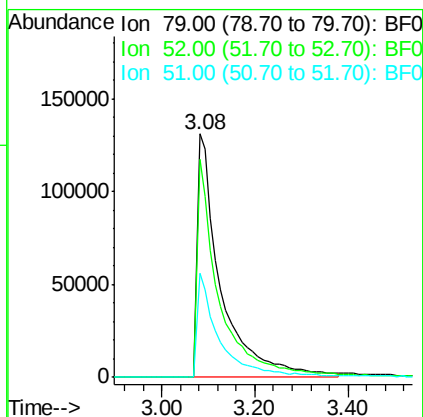
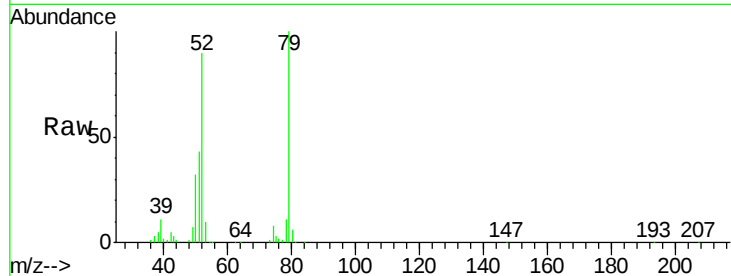
Tgt Ion: 79 Resp: 461162

Ion Ratio Lower Upper

79 100

52 89.6 57.1 85.7#

51 42.5 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 38.46 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.07 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

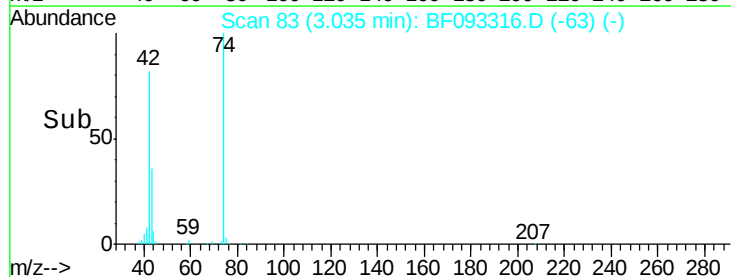
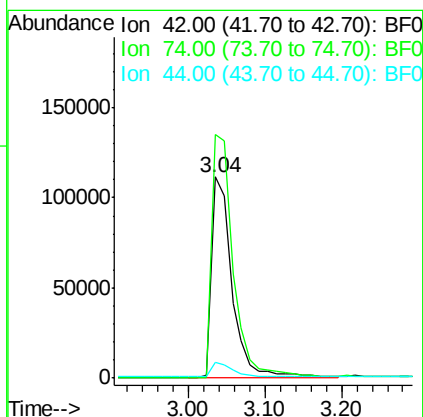
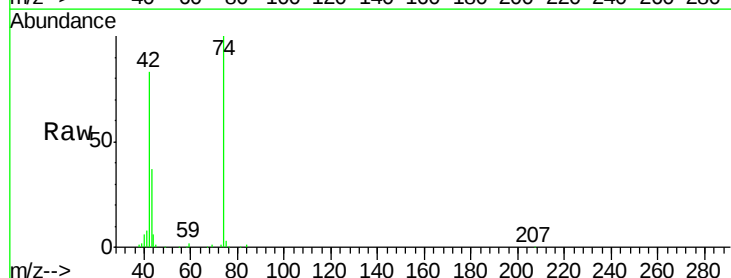
Tgt Ion: 42 Resp: 209213

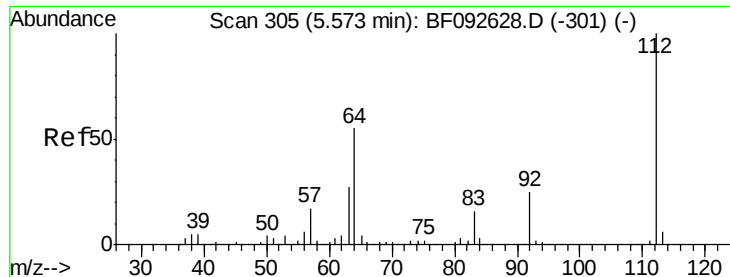
Ion Ratio Lower Upper

42 100

74 121.1 117.0 175.4

44 7.8 5.5 8.3





#5

2-Fluorophenol

Concen: 119.54 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093316.D

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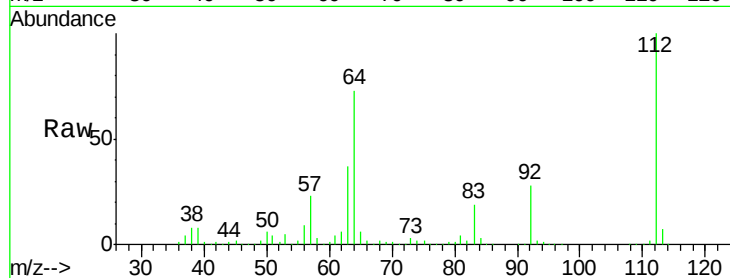
Tgt Ion: 112 Resp: 1007827

Ion Ratio Lower Upper

112 100

64 73.3 46.1 69.1#

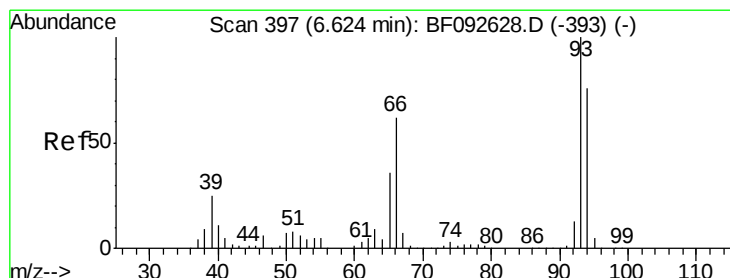
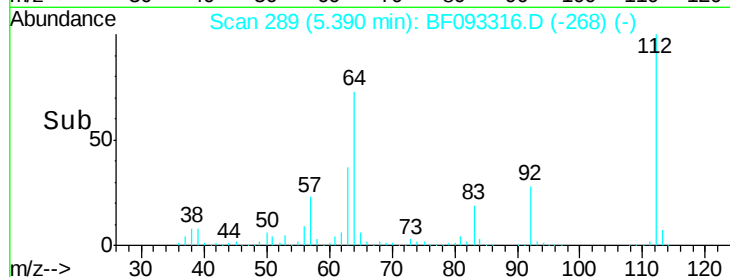
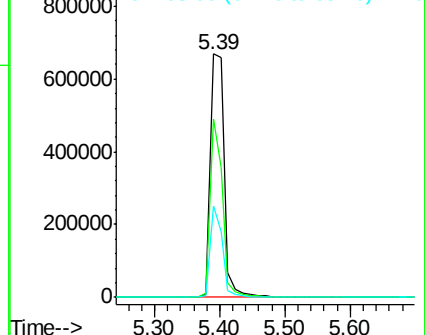
63 37.4 23.8 35.6#



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: 14.63 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

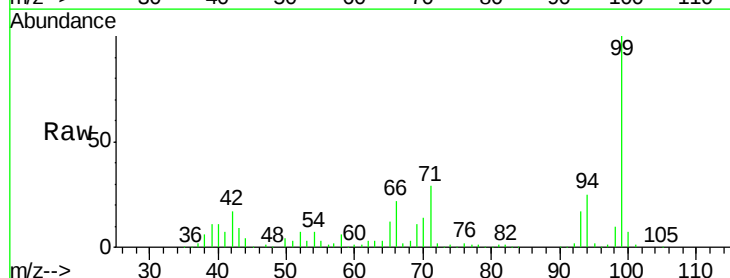
Tgt Ion: 93 Resp: 216479

Ion Ratio Lower Upper

93 100

66 128.5 76.2 114.2#

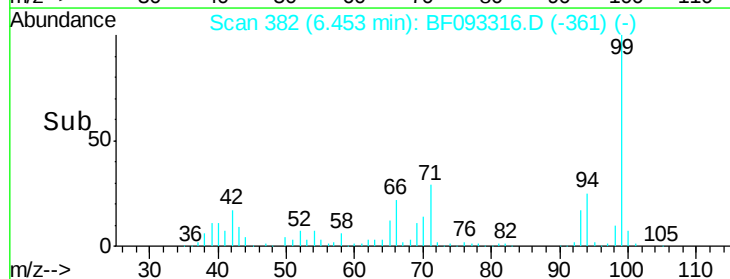
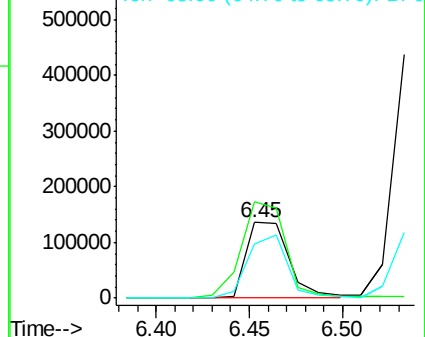
65 72.3 49.3 73.9

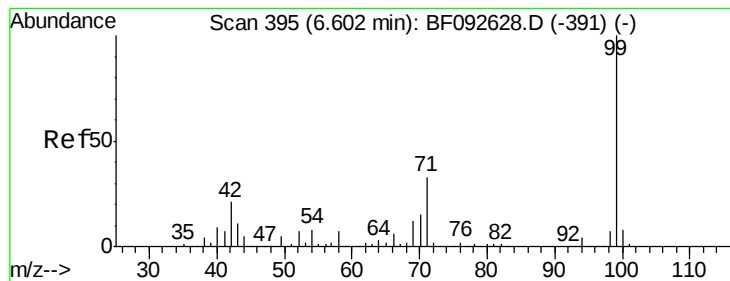


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.17 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

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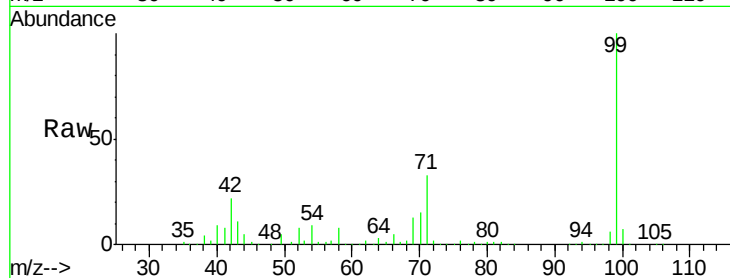
Tgt Ion: 99 Resp: 1270974

Ion Ratio Lower Upper

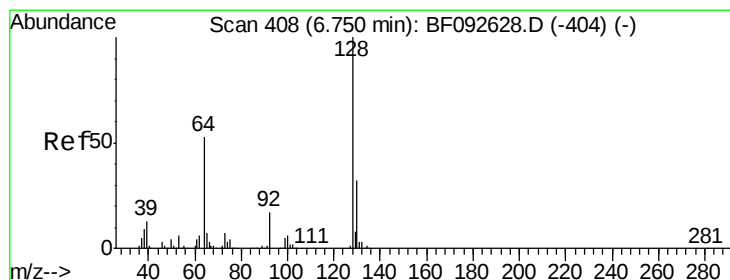
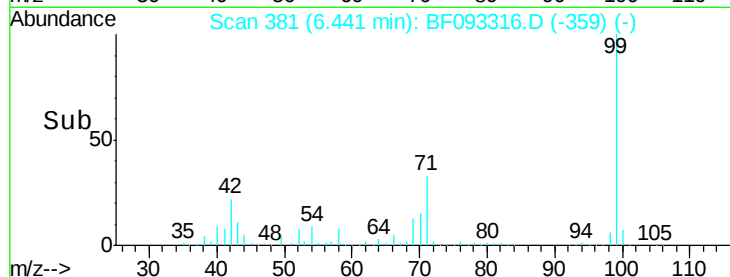
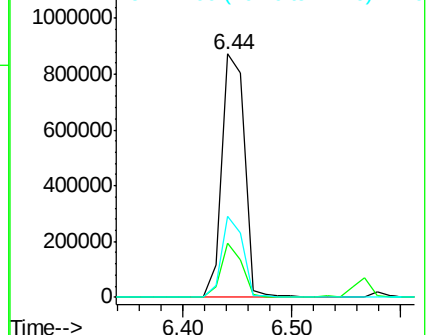
99 100

42 22.1 15.6 23.4

71 33.3 27.5 41.3



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



#8

2-Chlorophenol

Concen: 37.41 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

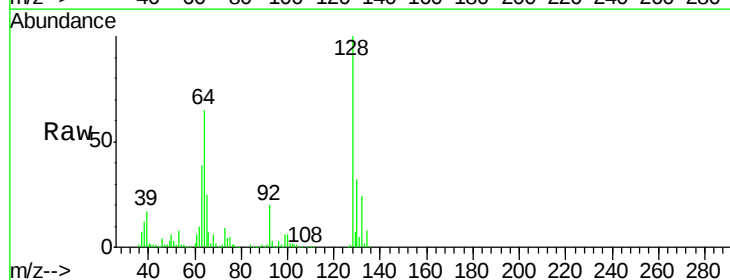
Tgt Ion: 128 Resp: 347904

Ion Ratio Lower Upper

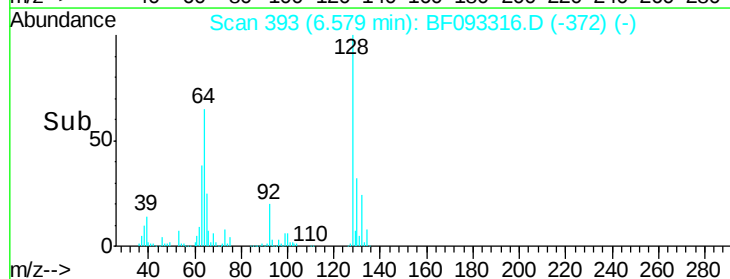
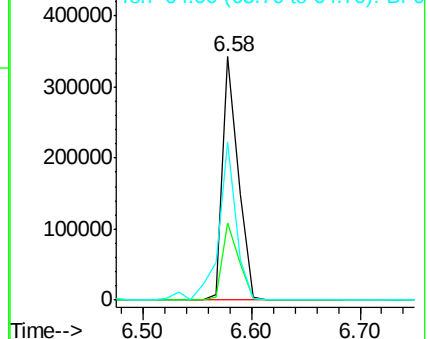
128 100

130 31.7 12.3 52.3

64 65.0 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.65 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

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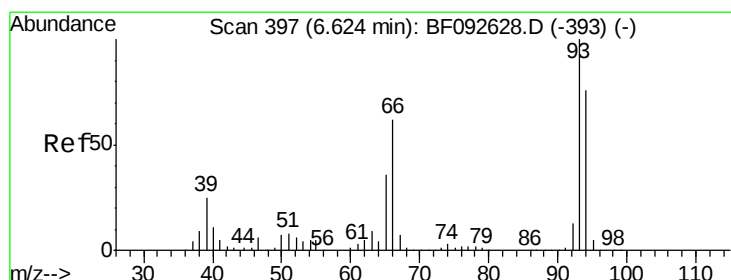
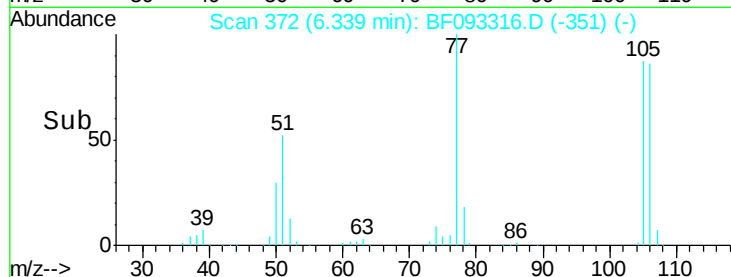
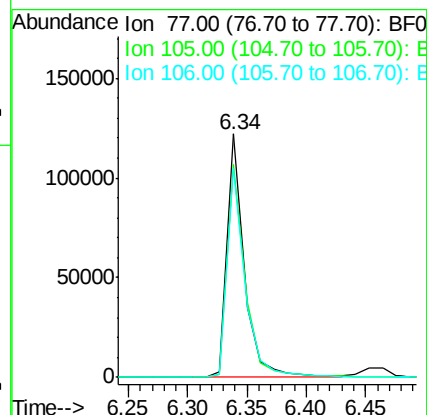
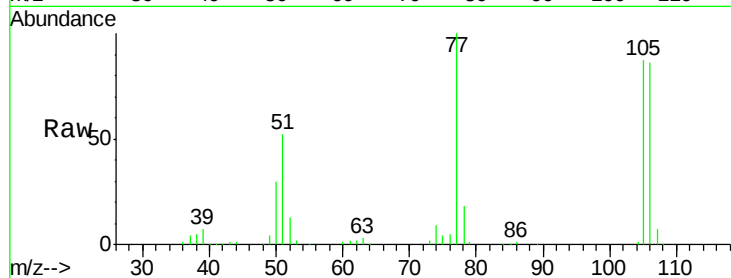
Tgt Ion: 77 Resp: 121626

Ion Ratio Lower Upper

77 100

105 87.3 83.9 123.9

106 85.7 77.6 117.6



#10

Phenol

Concen: 34.41 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

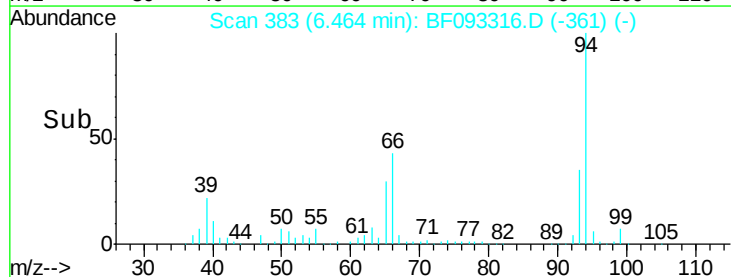
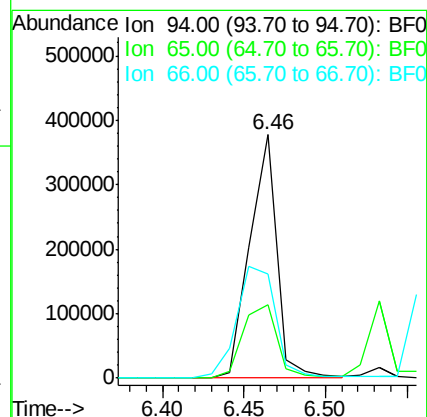
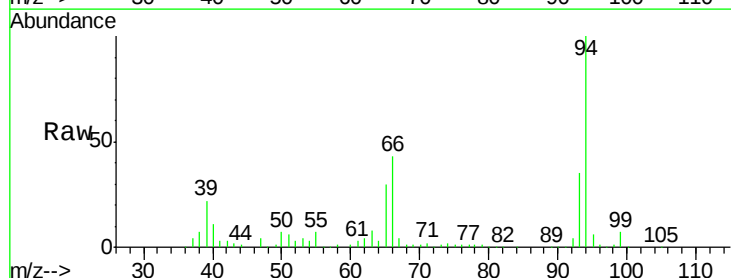
Tgt Ion: 94 Resp: 436683

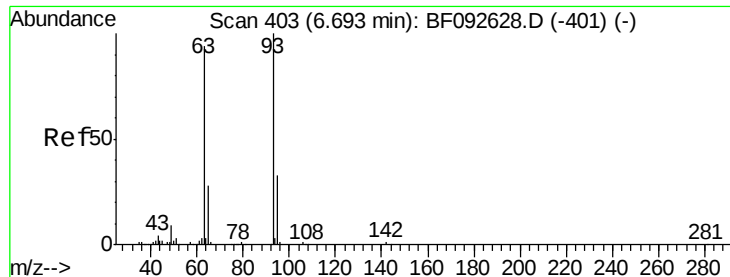
Ion Ratio Lower Upper

94 100

65 30.1 21.4 61.4

66 42.6 44.0 84.0#

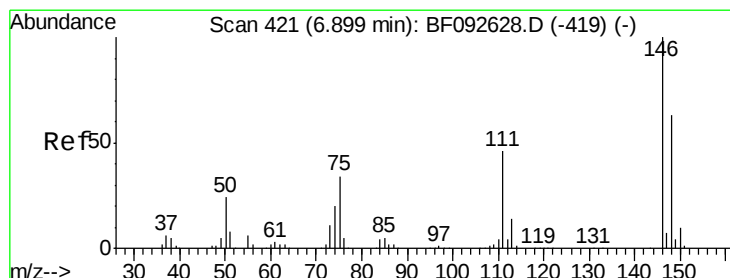
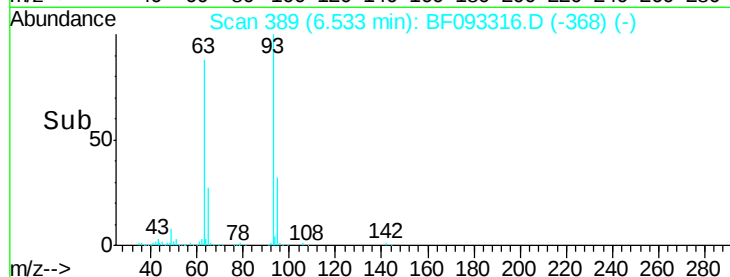
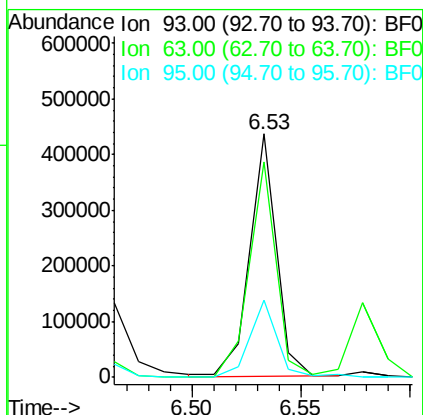
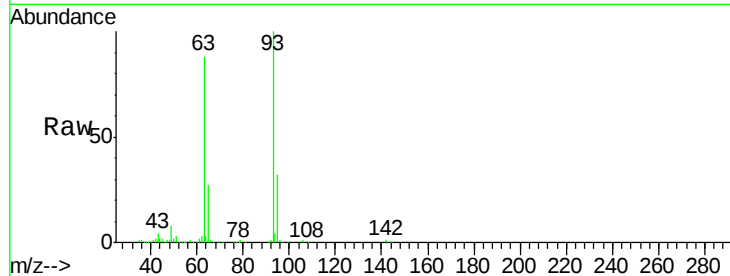




#11
bis(2-Chloroethyl)ether
Concen: 36.53 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.06 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

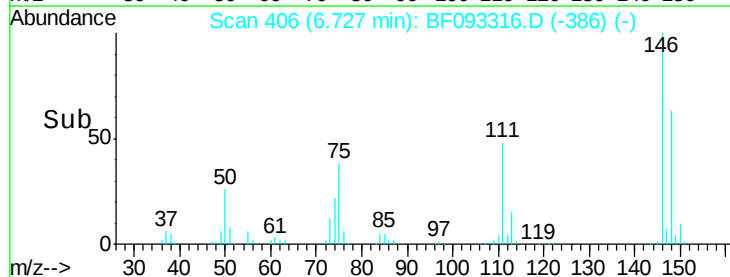
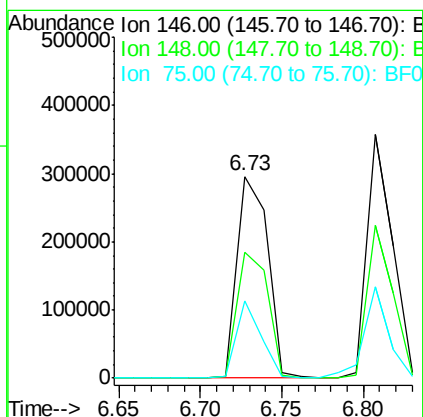
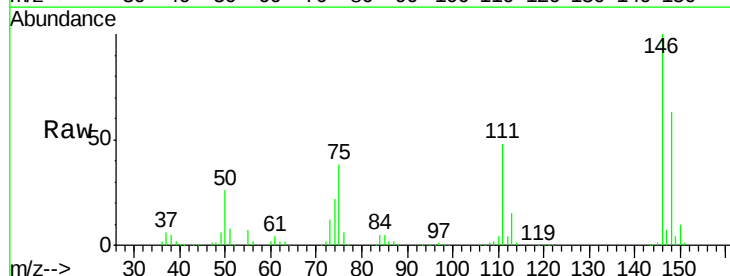
Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion: 93 Resp: 370091
Ion Ratio Lower Upper
93 100
63 88.4 60.4 100.4
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 34.99 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.07 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion: 146 Resp: 381141
Ion Ratio Lower Upper
146 100
148 62.6 53.4 80.0
75 38.2 18.5 27.7#

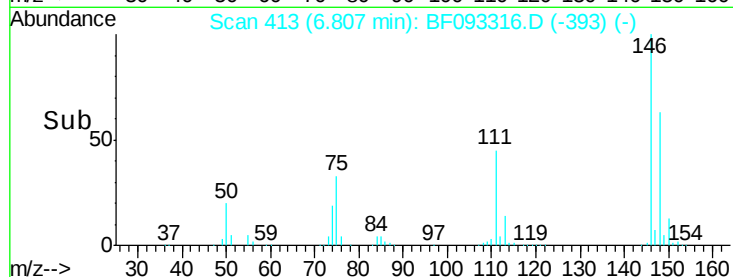
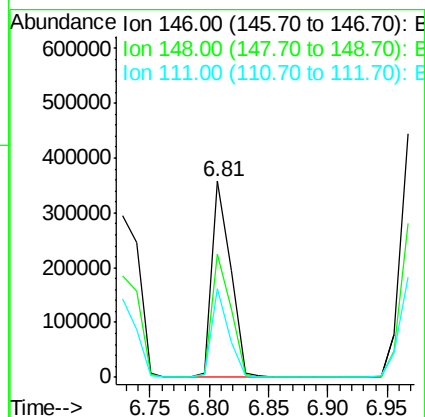
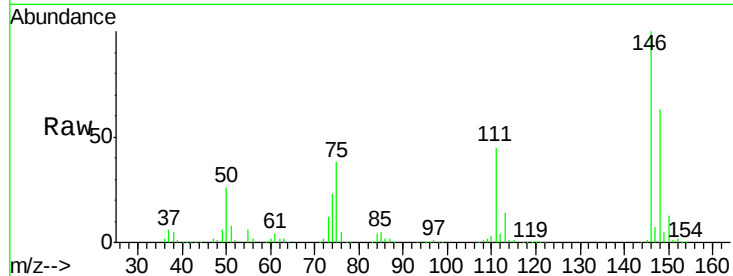




#13
 1,4-Dichlorobenzene
 Concen: 35.60 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.07 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

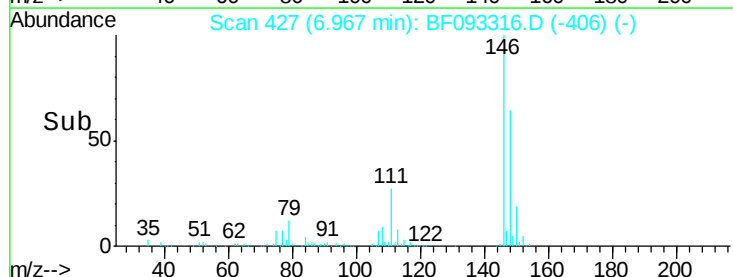
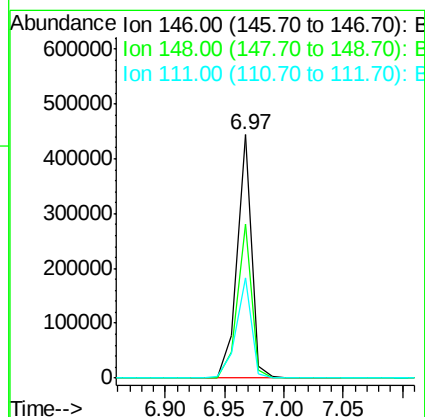
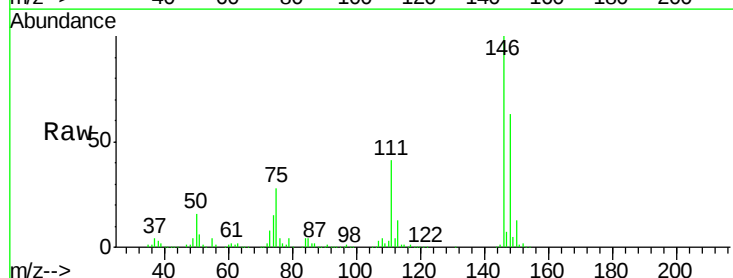
Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tgt Ion:146 Resp: 392530
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 76.0
 111 45.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 35.75 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion:146 Resp: 376933
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.2
 111 41.1 36.2 54.2





#15

Benzyl Alcohol

Concen: 35.92 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

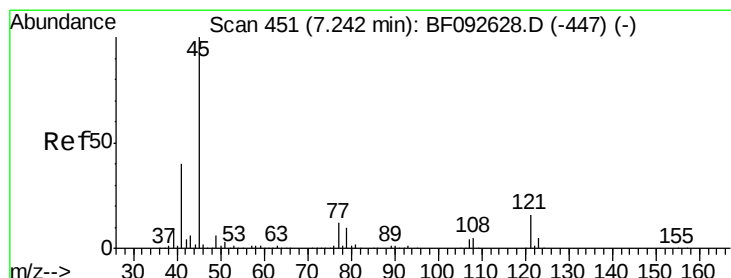
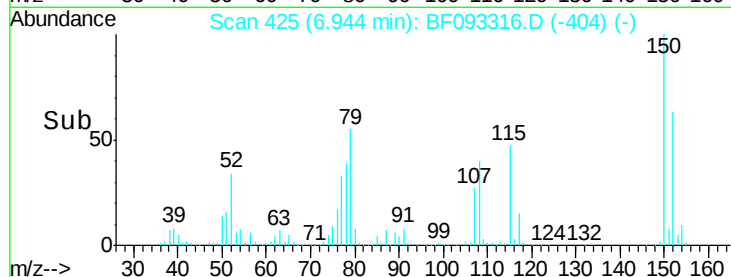
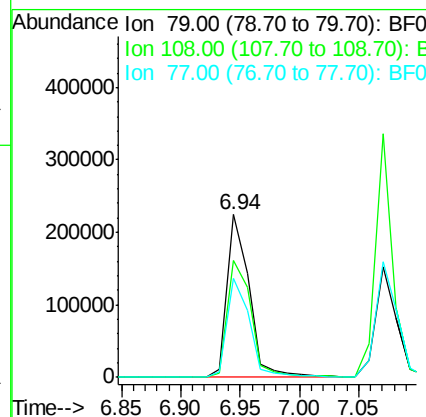
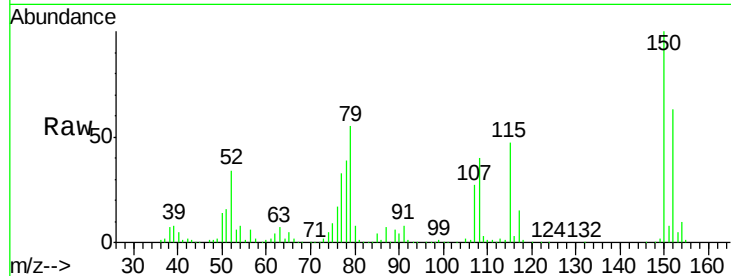
Tgt Ion: 79 Resp: 288491

Ion Ratio Lower Upper

79 100

108 71.8 61.4 92.0

77 60.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.14 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.06 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

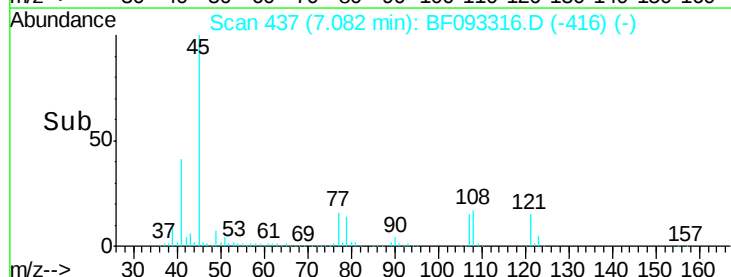
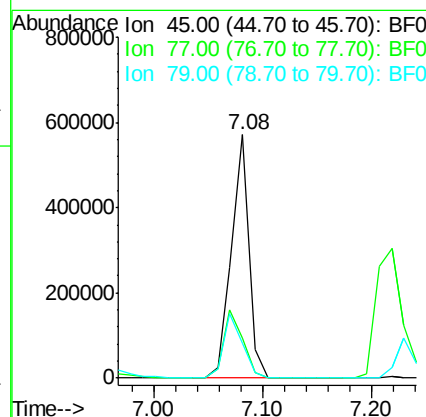
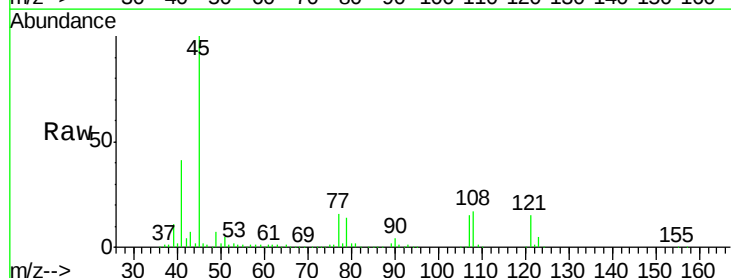
Tgt Ion: 45 Resp: 636051

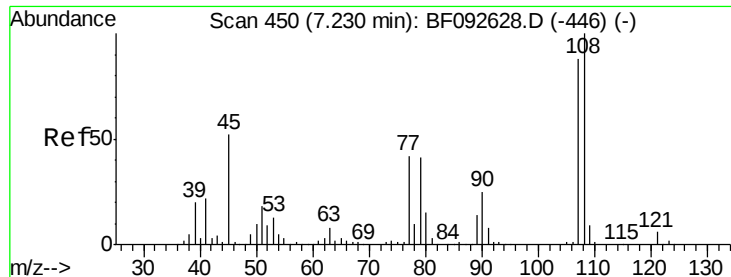
Ion Ratio Lower Upper

45 100

77 16.4 0.0 34.6

79 14.3 0.0 31.2

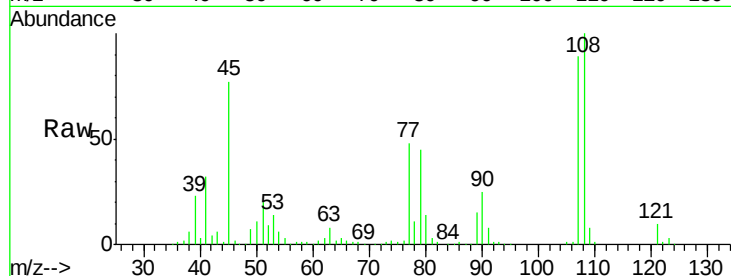




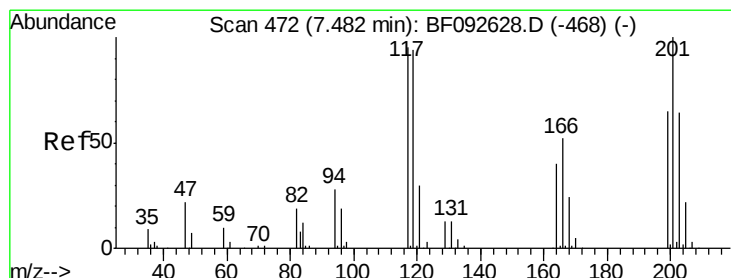
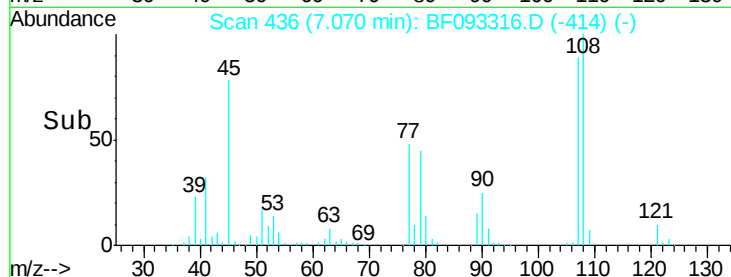
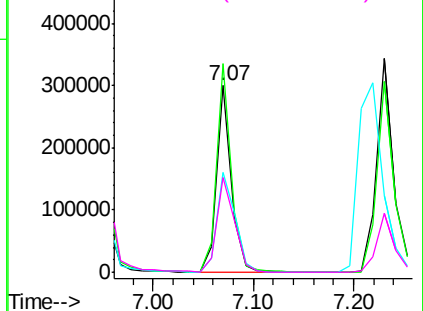
#17
2-Methylphenol
Concen: 37.83 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion:107 Resp: 301845
Ion Ratio Lower Upper
107 100
108 111.9 93.0 139.6
77 53.2 39.8 59.8
79 50.7 38.0 57.0

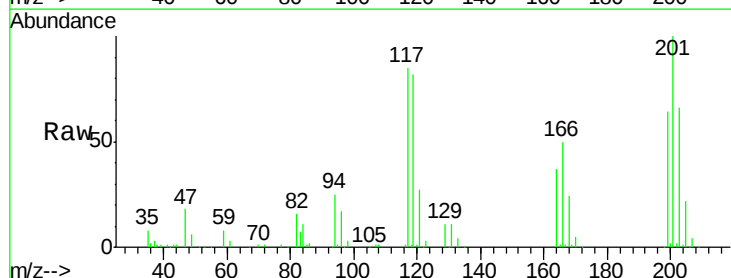


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

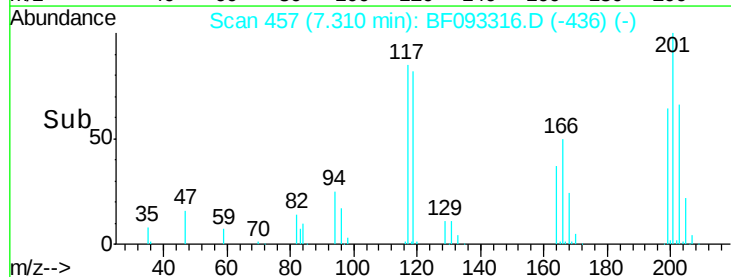
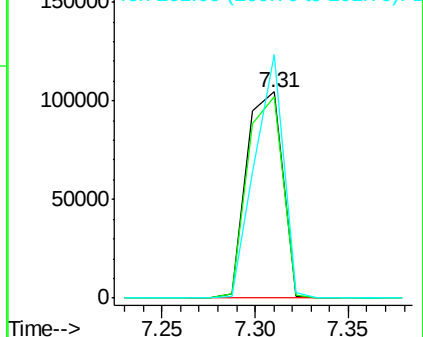


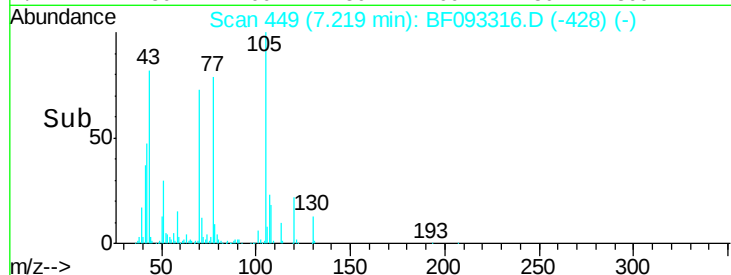
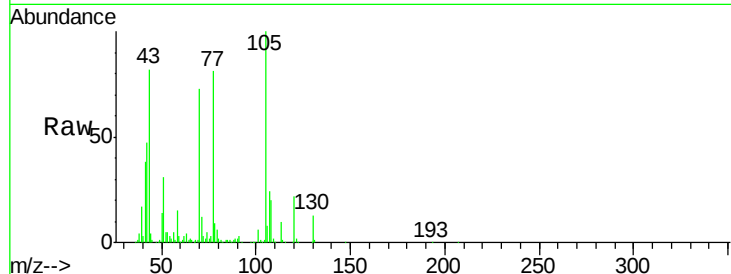
#18
Hexachloroethane
Concen: 36.94 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:117 Resp: 139022
Ion Ratio Lower Upper
117 100
119 97.4 78.1 117.1
201 118.1 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

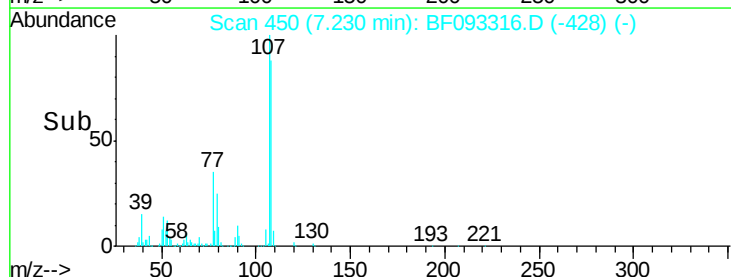
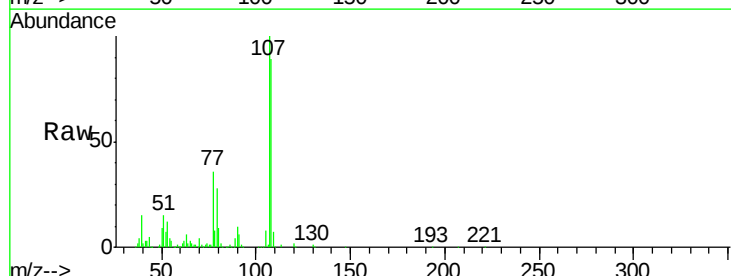
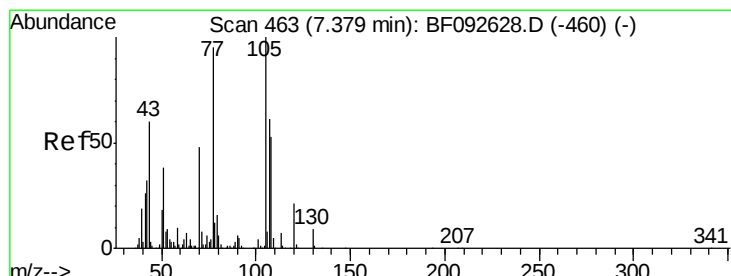
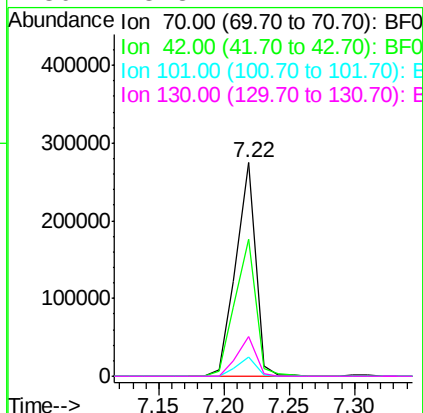




#19
n-Nitroso-di-n-propylamine
Concen: 41.86 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

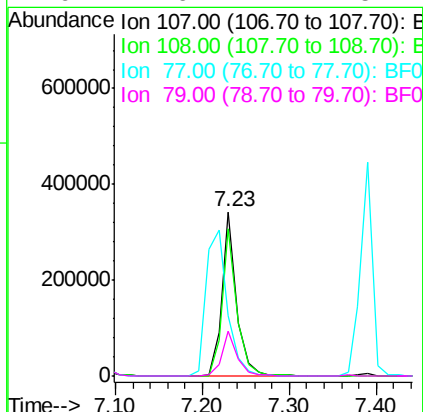
Instrument :
BNA_F
ClientSampleId :
PB97255BS

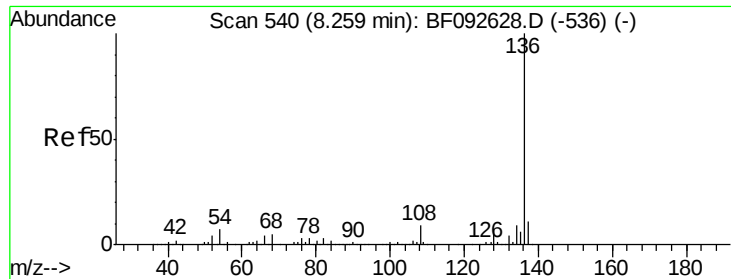
Tgt Ion:	70	Resp:	289072
Ion	Ratio	Lower	Upper
70	100		
42	64.3	49.4	74.0
101	8.7	7.4	11.2
130	18.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 42.43 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:	107	Resp:	404804
Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.0	113.0
77	36.2	71.3	111.3#
79	27.6	11.1	51.1

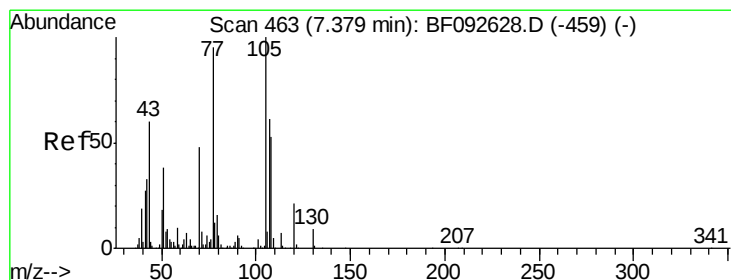
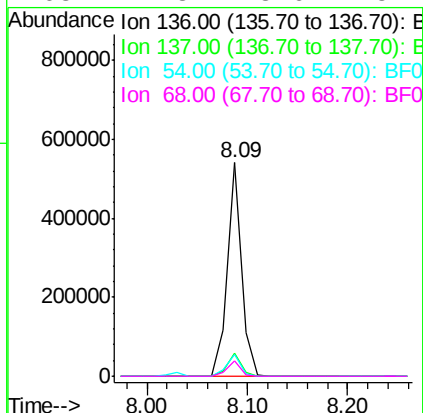
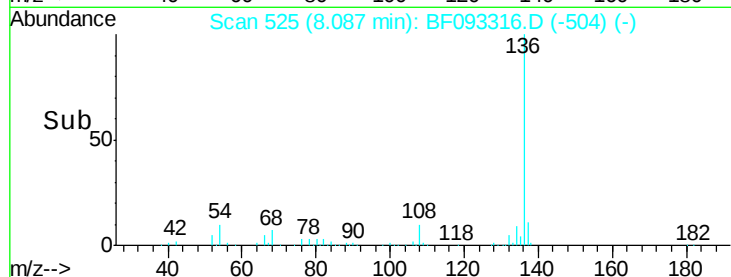
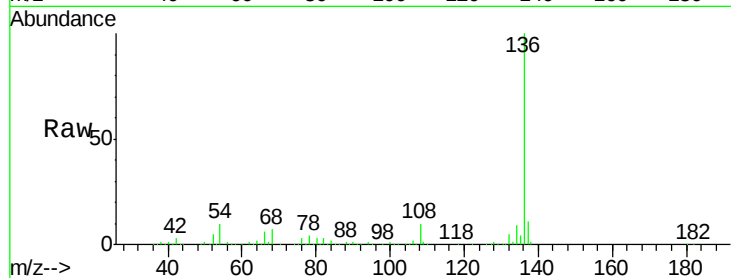




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

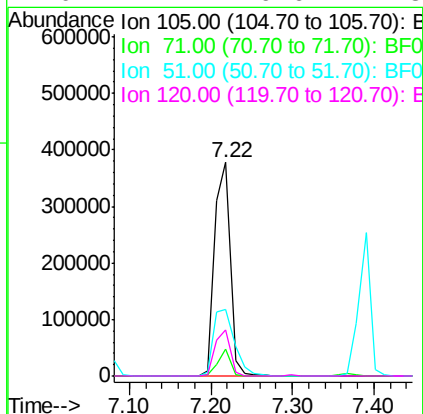
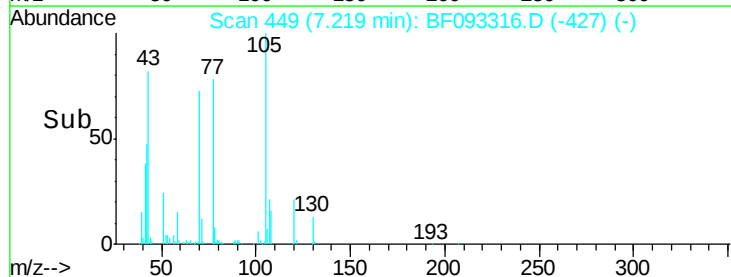
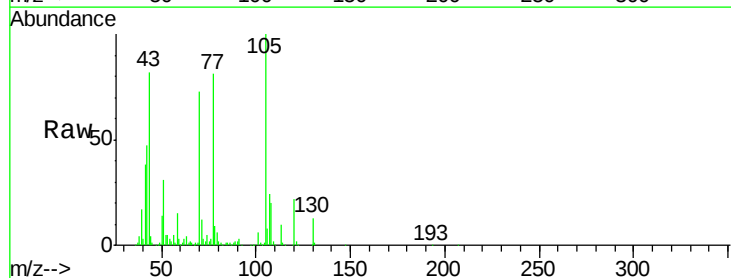
Instrument :
BNA_F
ClientSampleId :
PB97255BS

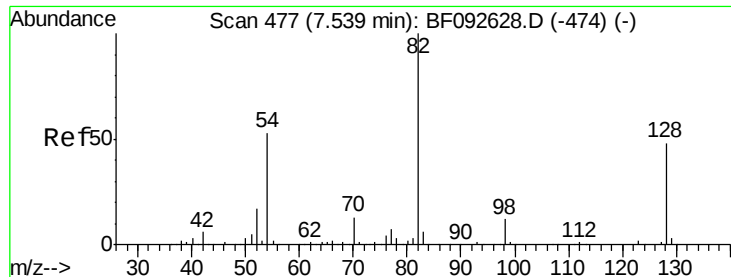
Tgt Ion:	136	Resp:	529246
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.3	4.5	6.7#
68	7.3	3.6	5.4#



#22
Acetophenone
Concen: 41.94 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:	105	Resp:	506828
Ion	Ratio	Lower	Upper
105	100		
71	12.3	3.2	4.8#
51	31.4	26.2	39.4
120	21.7	16.6	24.8

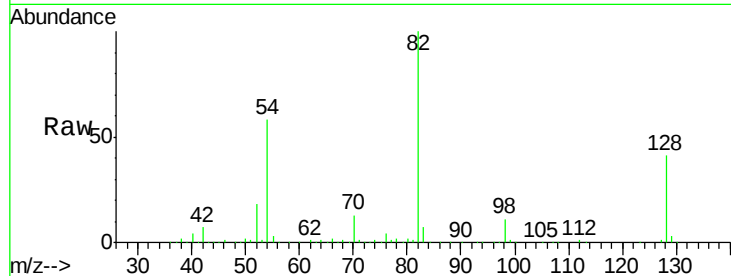




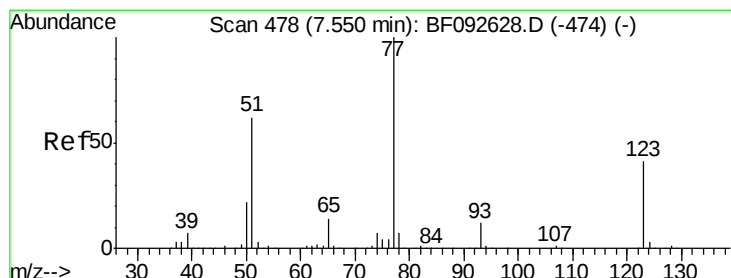
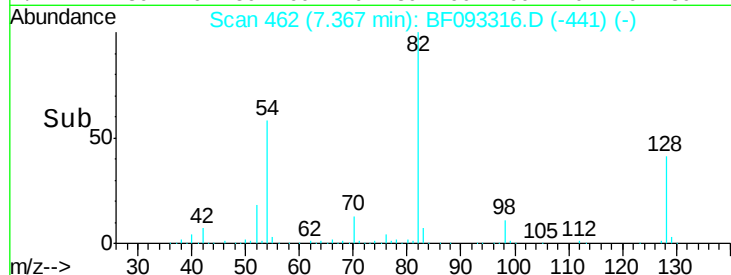
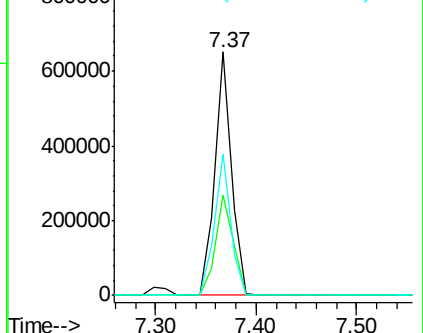
#23
 Nitrobenzene-d5
 Concen: 79.30 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.06 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tgt Ion: 82 Resp: 753641
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 52.0
 54 58.1 39.5 59.3

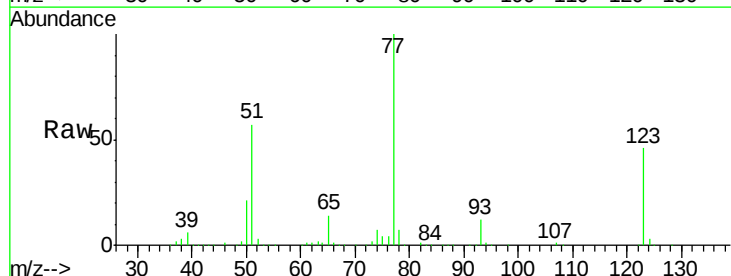


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

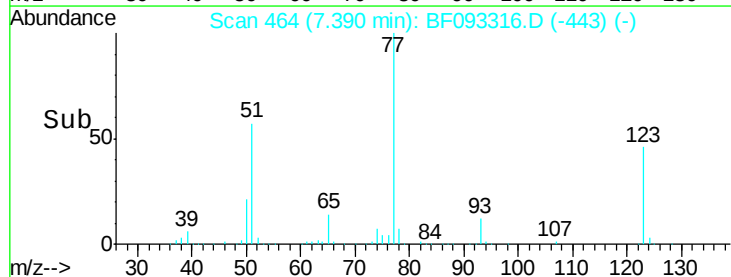
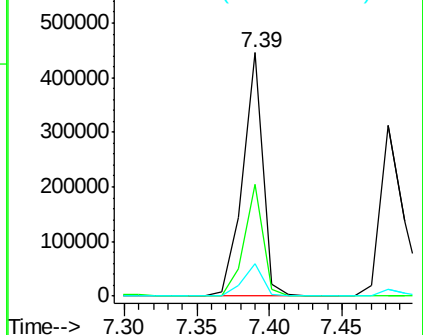


#24
 Nitrobenzene
 Concen: 43.71 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.06 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion: 77 Resp: 426522
 Ion Ratio Lower Upper
 77 100
 123 46.0 33.0 49.4
 65 13.6 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

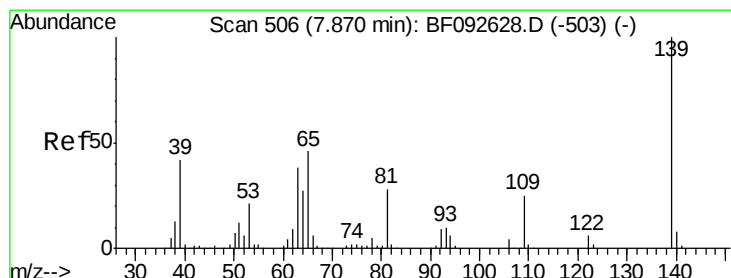
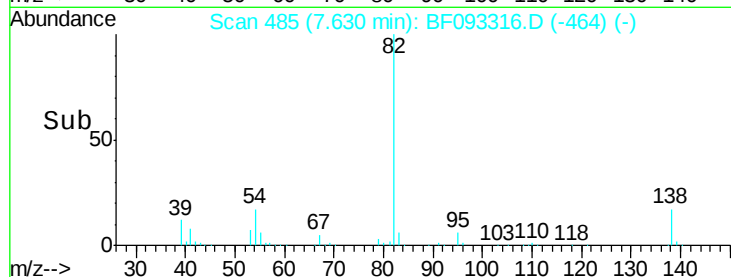
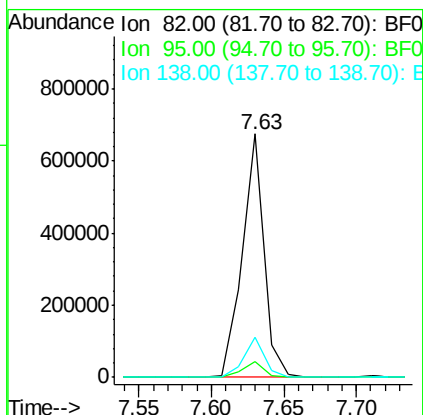
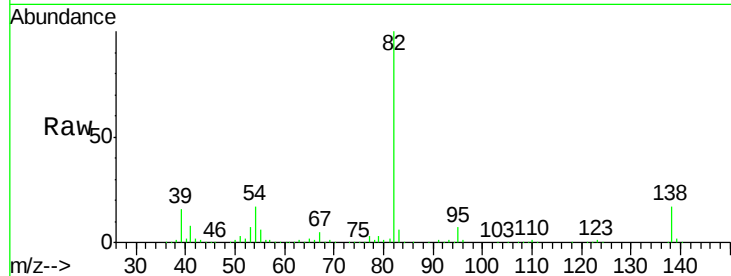




#25
Isophorone
Concen: 39.80 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

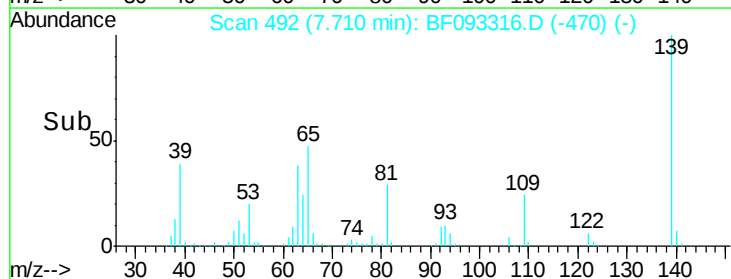
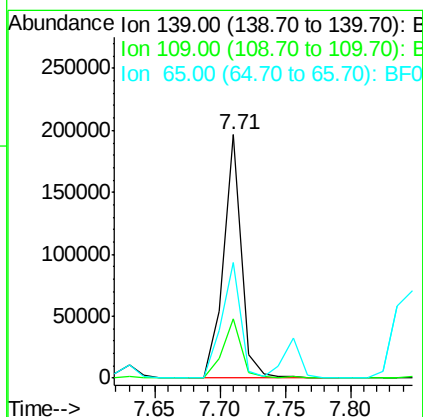
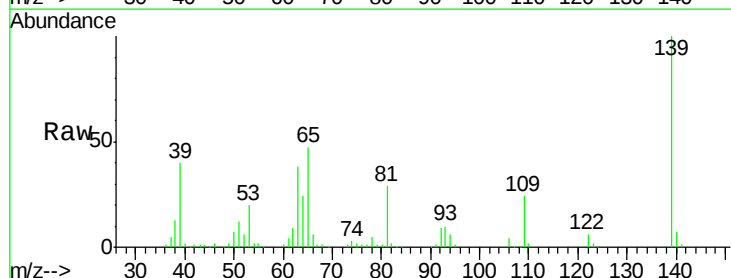
Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion: 82 Resp: 704803
Ion Ratio Lower Upper
82 100
95 6.5 5.6 8.4
138 16.6 14.6 22.0



#26
2-Nitrophenol
Concen: 40.80 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion: 139 Resp: 189256
Ion Ratio Lower Upper
139 100
109 24.3 23.3 34.9
65 47.4 42.7 64.1

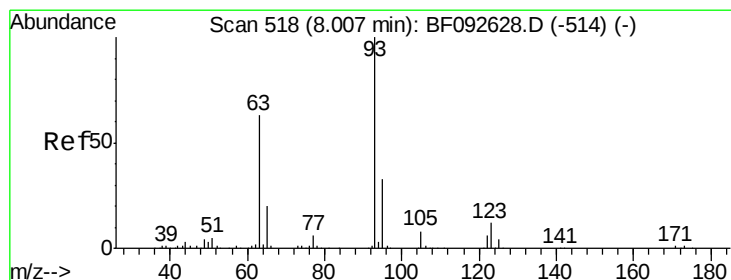
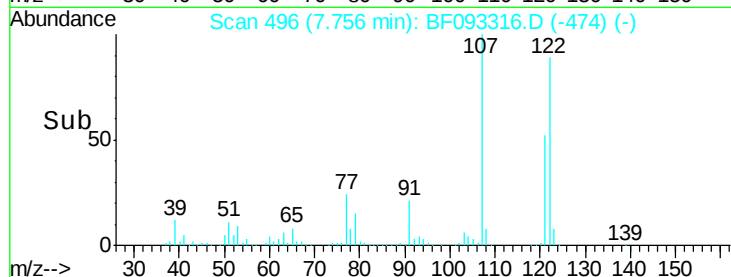
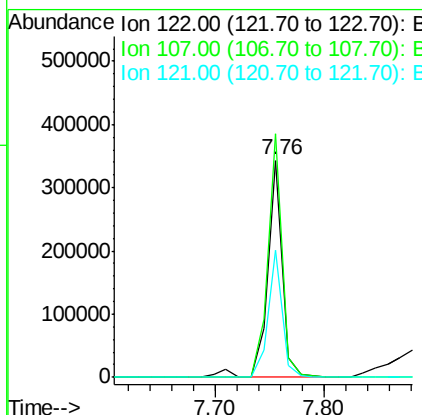
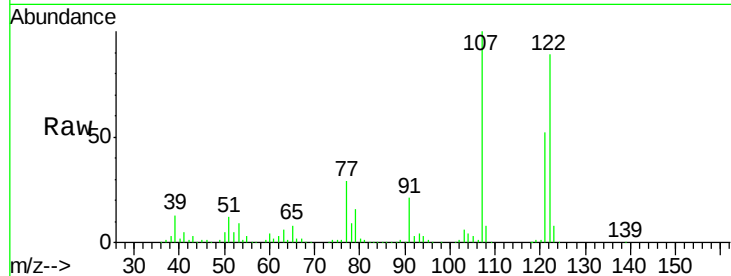




#27
2,4-Dimethylphenol
Concen: 40.24 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

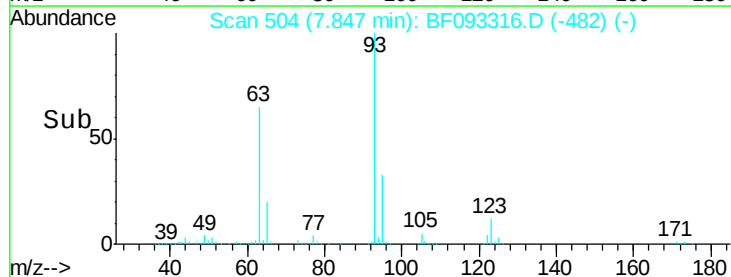
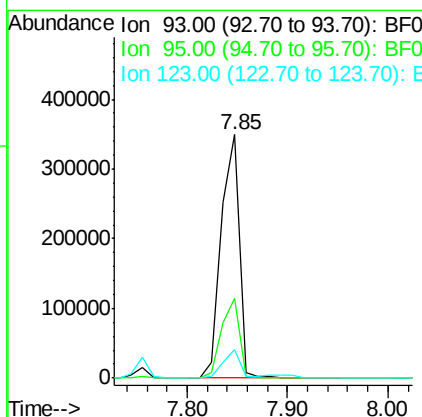
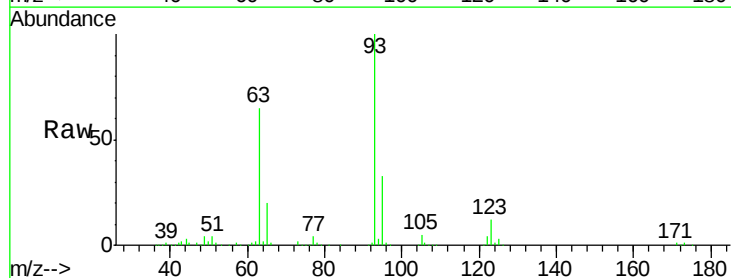
Instrument :
BNA_F
ClientSampleId :
PB97255BS

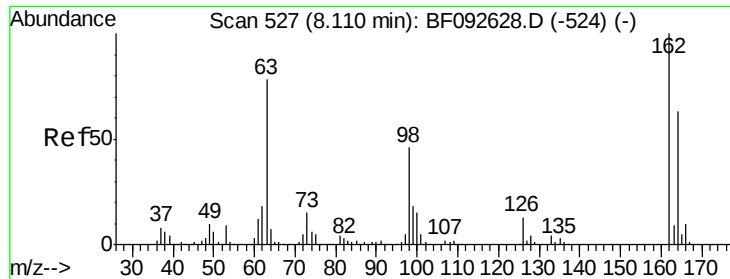
Tgt Ion:122 Resp: 327804
Ion Ratio Lower Upper
122 100
107 112.3 94.1 141.1
121 58.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 37.33 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion: 93 Resp: 437823
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 11.5 8.6 13.0

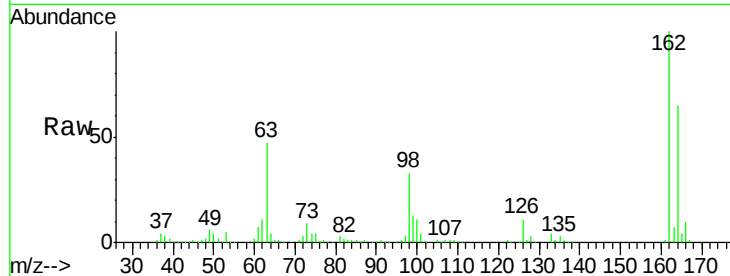




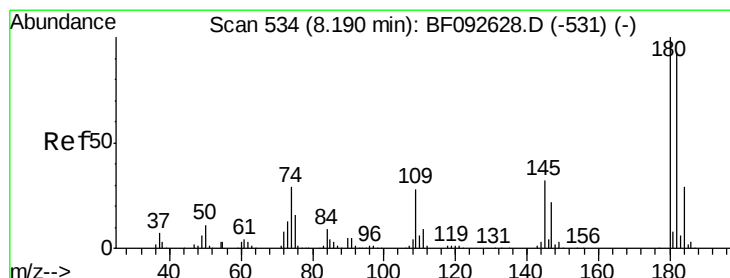
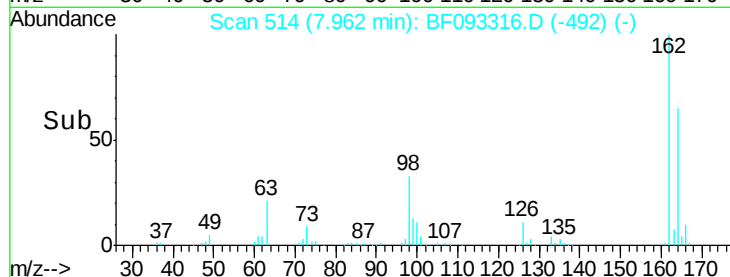
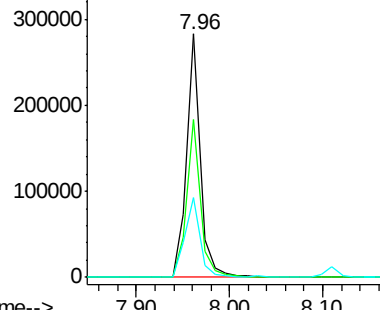
#29
2,4-Dichlorophenol
Concen: 38.05 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.8	86.8
98	32.6	9.1	49.1

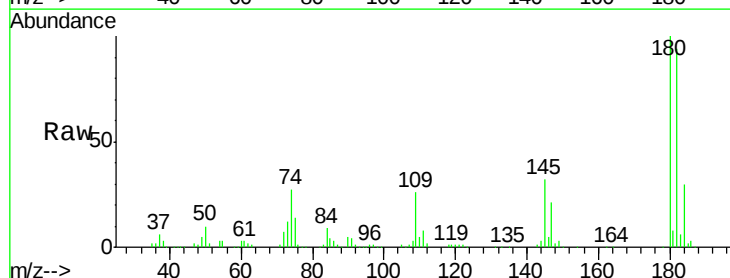


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

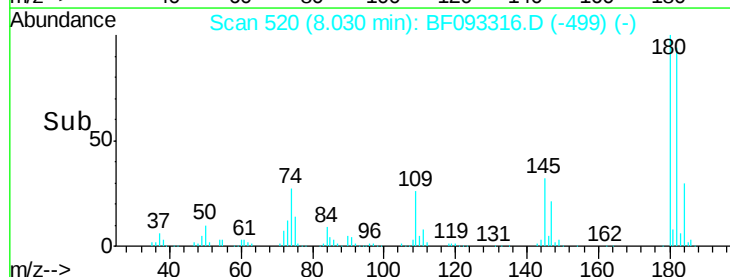
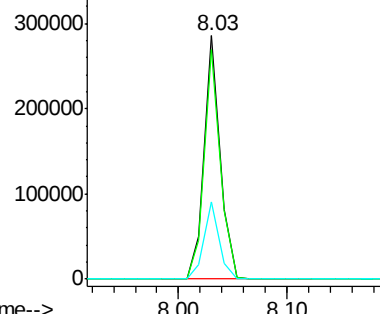


#30
1,2,4-Trichlorobenzene
Concen: 35.35 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.2	117.4
145	31.8	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.75 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

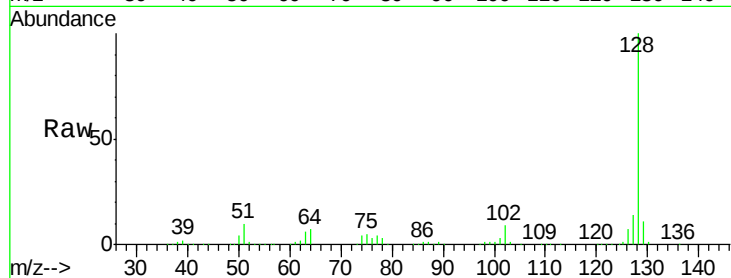
Tgt Ion:128 Resp: 932252

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

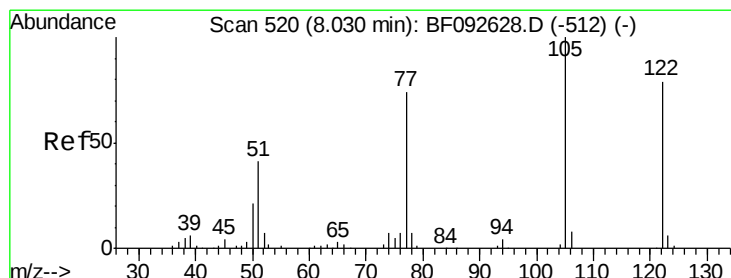
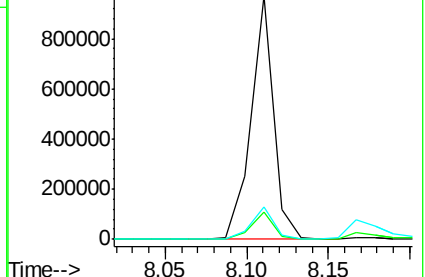
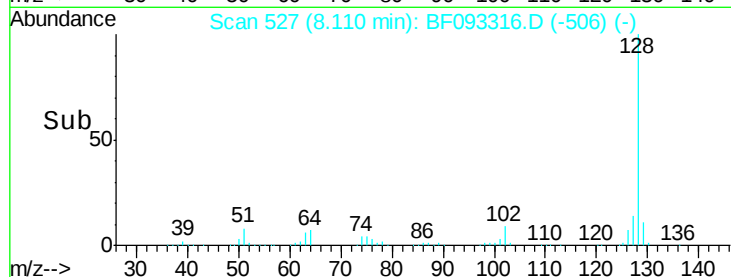
127 13.6 10.8 16.2



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: 38.63 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

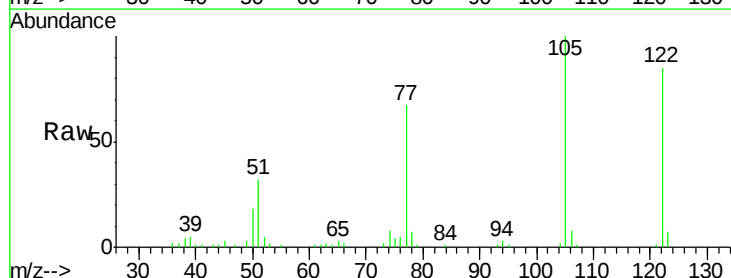
Tgt Ion:122 Resp: 170706

Ion Ratio Lower Upper

122 100

105 118.2 107.2 147.2

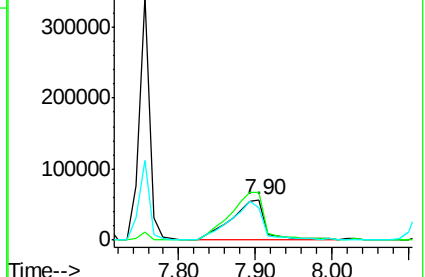
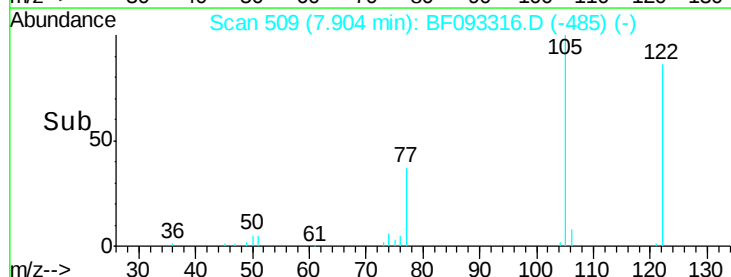
77 79.0 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

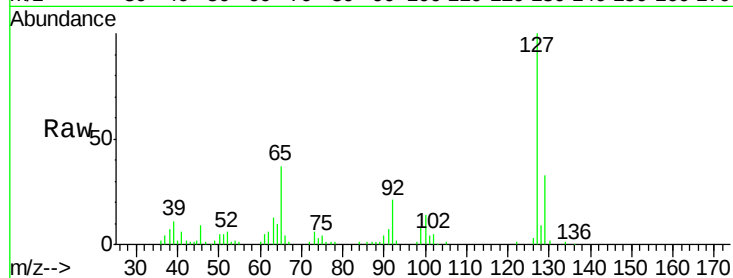




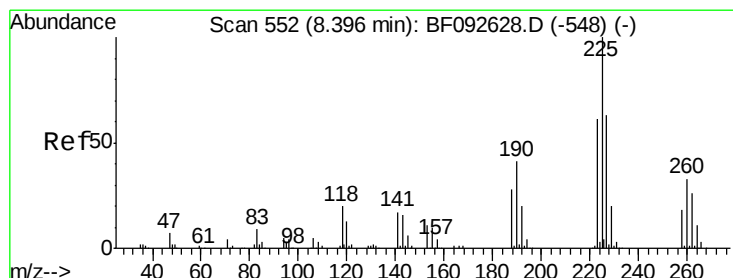
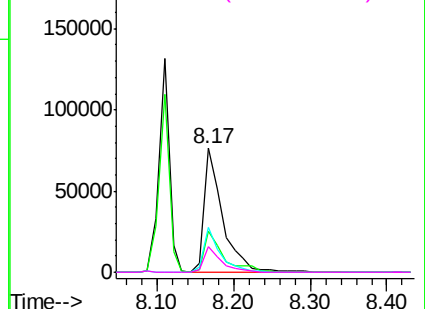
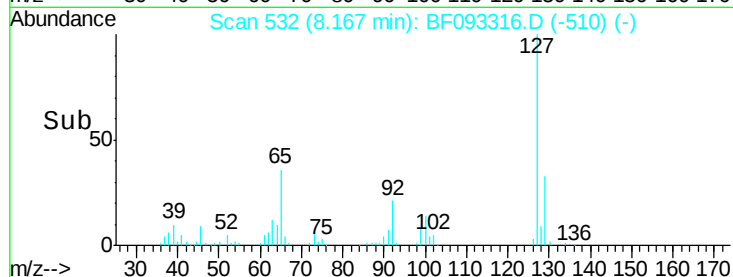
#33
4-Chloroaniline
Concen: 12.11 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion:	127	Resp:	127394
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	36.7	25.8	38.8
92	21.2	16.1	24.1

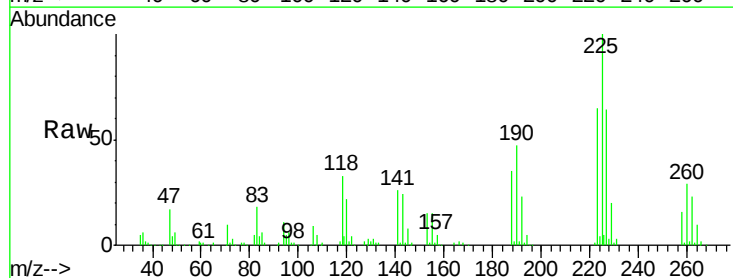


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

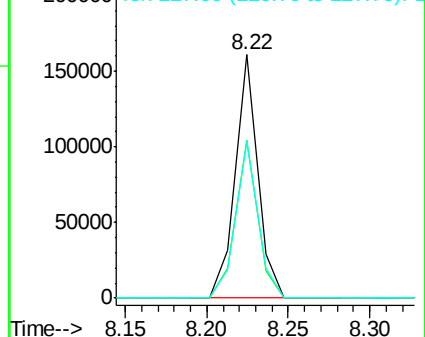
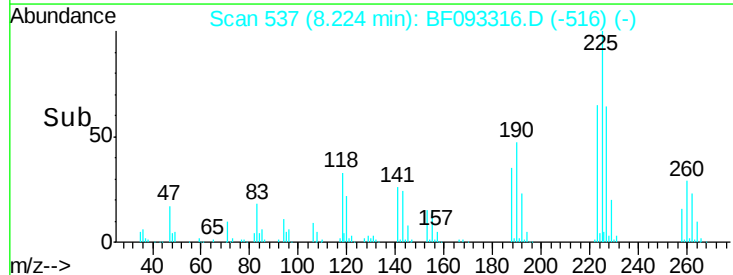


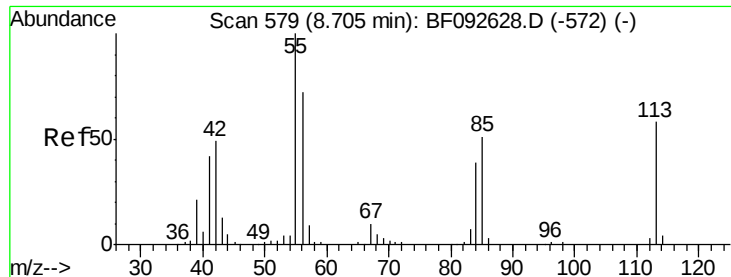
#34
Hexachlorobutadiene
Concen: 33.79 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:	225	Resp:	152227
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.0	76.6
227	64.2	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

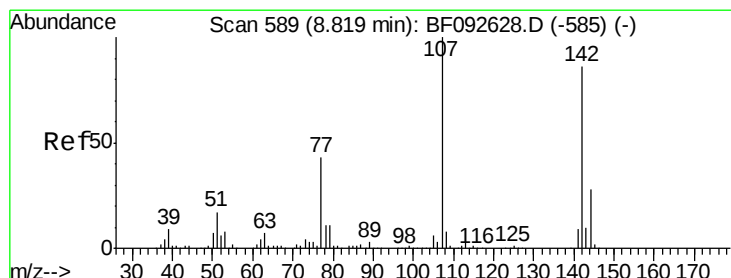
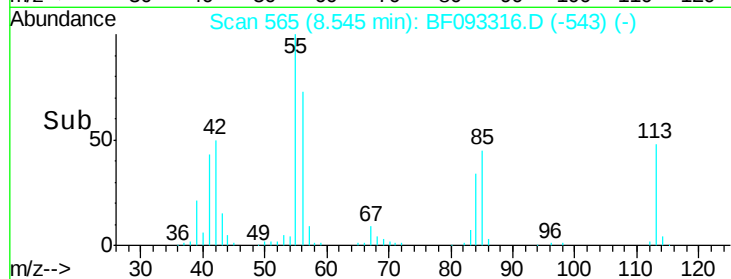
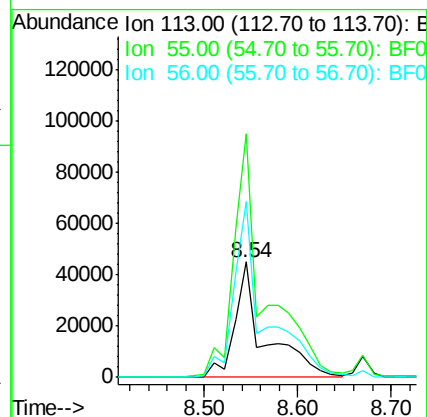
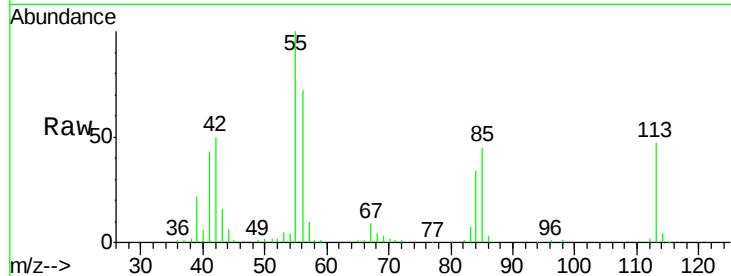




#35
 Caprolactam
 Concen: 41.82 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.05 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

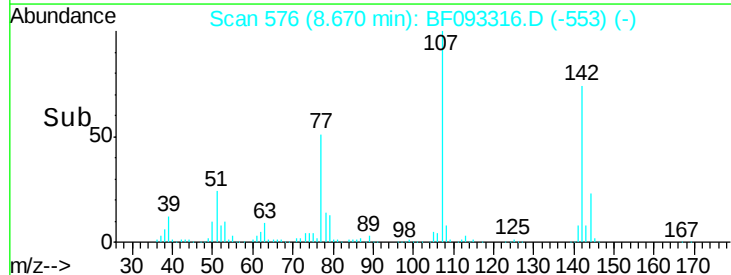
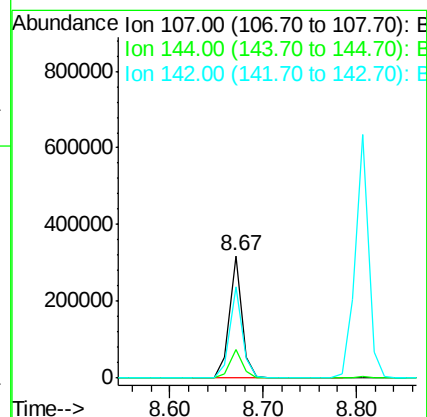
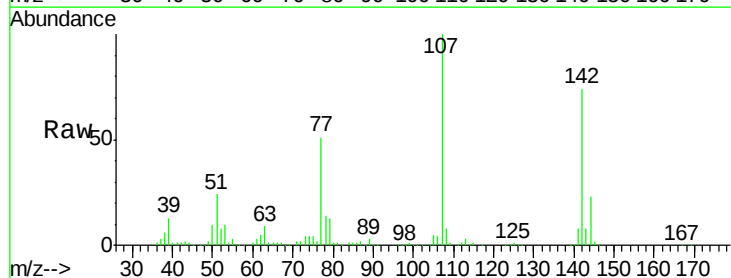
Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

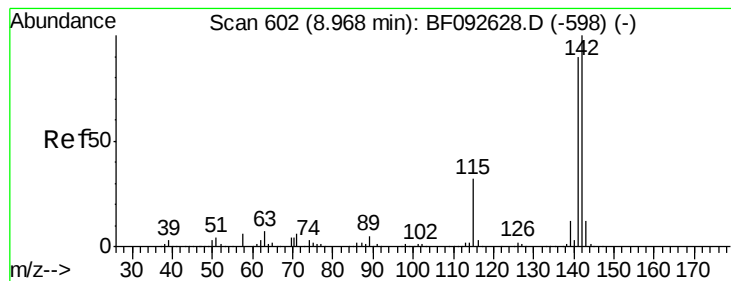
Tgt Ion:113 Resp: 99939
 Ion Ratio Lower Upper
 113 100
 55 210.7 119.2 159.2#
 56 152.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 38.31 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion:107 Resp: 303498
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.3 28.9
 142 74.3 59.0 88.6





#37

2-Methylnaphthalene

Concen: 36.86 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

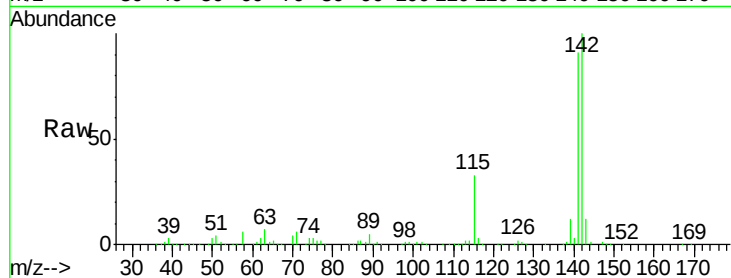
Tgt Ion:142 Resp: 634947

Ion Ratio Lower Upper

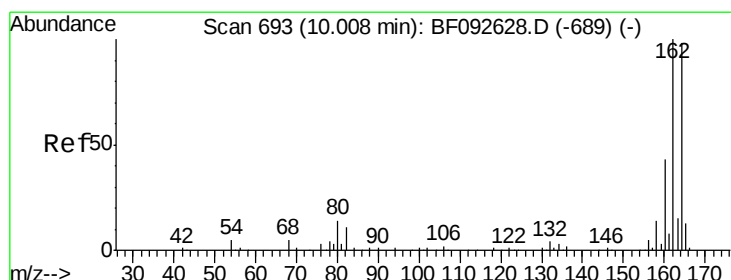
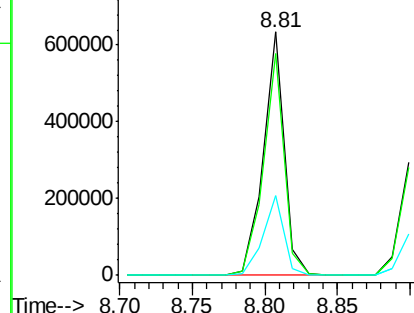
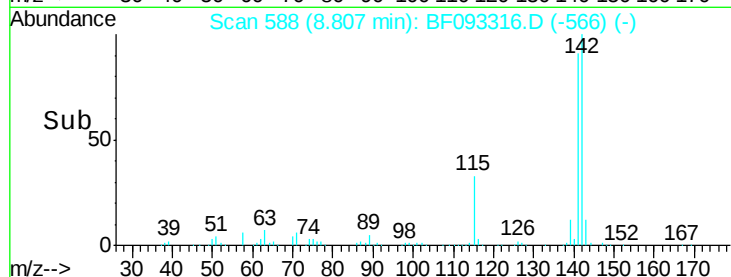
142 100

141 90.9 71.0 106.6

115 32.6 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: 9.86 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

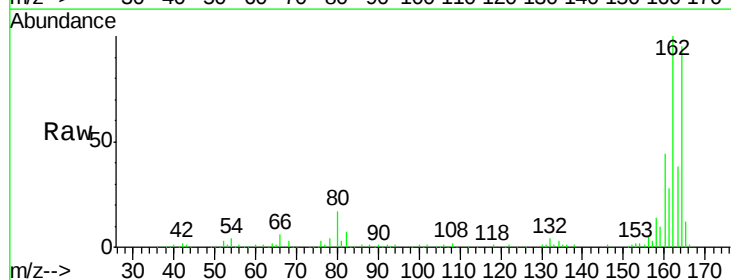
Tgt Ion:164 Resp: 251301

Ion Ratio Lower Upper

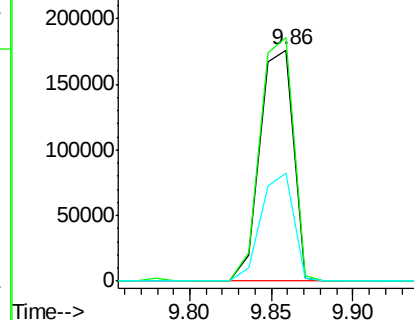
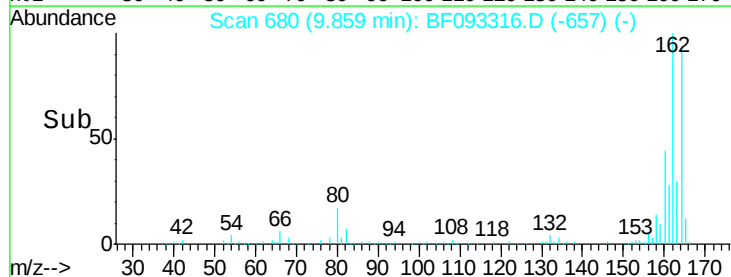
164 100

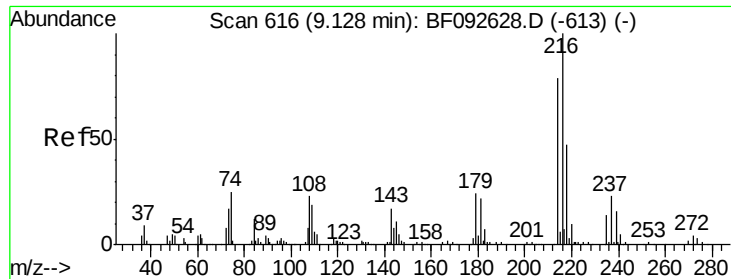
162 105.3 80.2 120.2

160 46.5 36.9 55.3



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

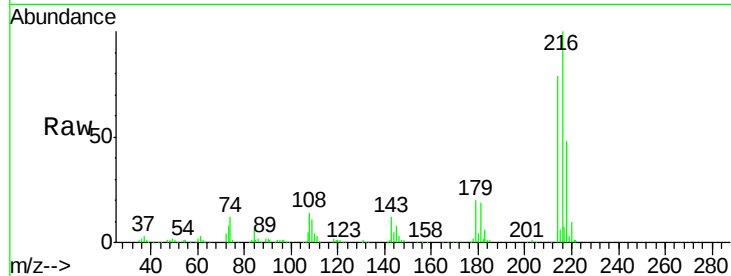




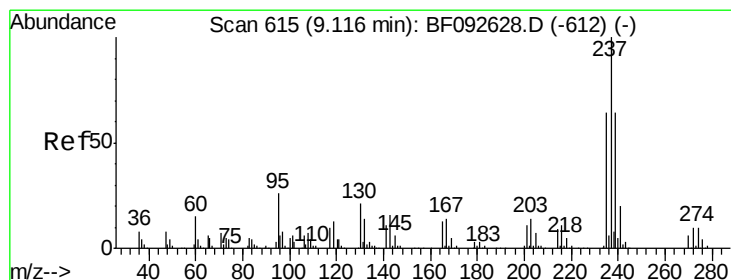
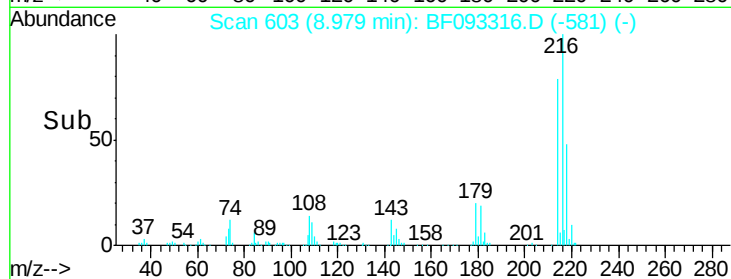
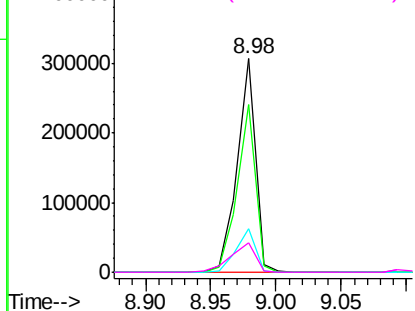
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.98 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tgt Ion:	216	Resp:	296152
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.0
179	21.2	17.4	26.2
108	19.3	15.6	23.4

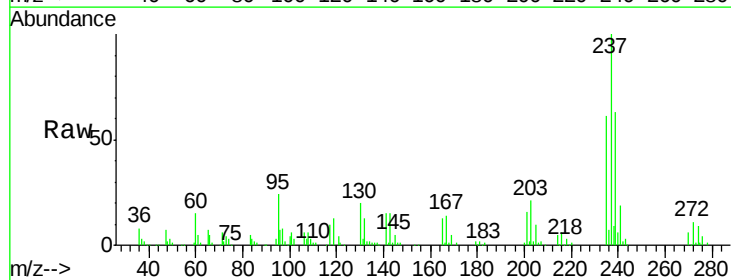


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

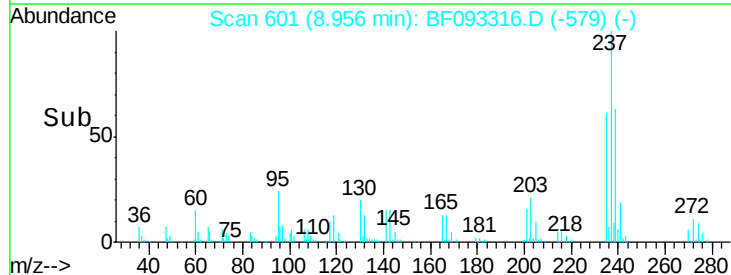
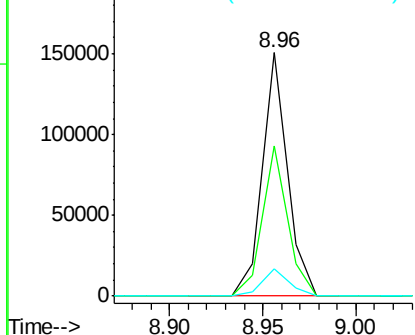


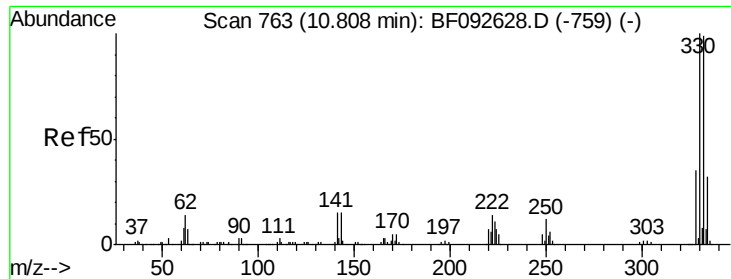
#40
 Hexachlorocyclopentadiene
 Concen: 43.76 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion:	237	Resp:	139263
Ion	Ratio	Lower	Upper
237	100		
235	61.5	41.2	81.2
272	11.2	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

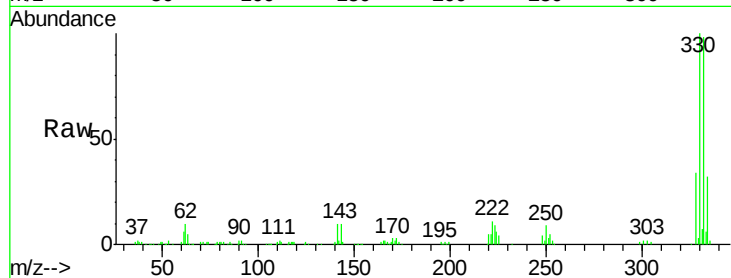




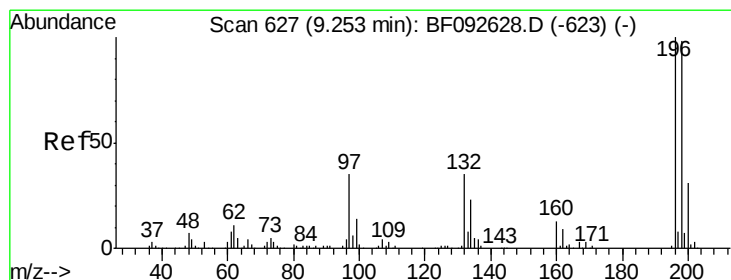
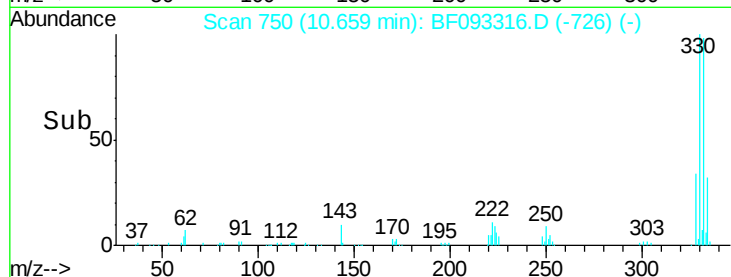
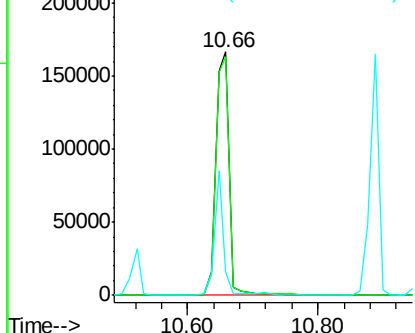
#41
 2,4,6-Tribromophenol
 Concen: 133.98 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tgt Ion:330 Resp: 243516
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 34.3 34.1 51.1

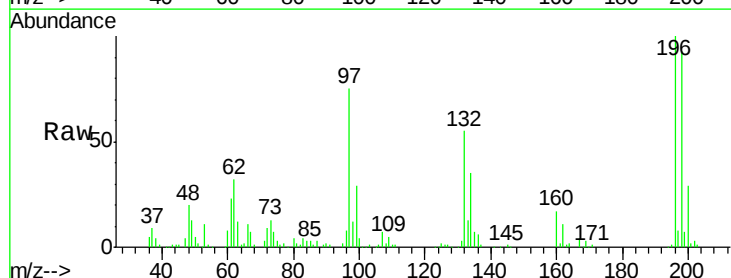


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

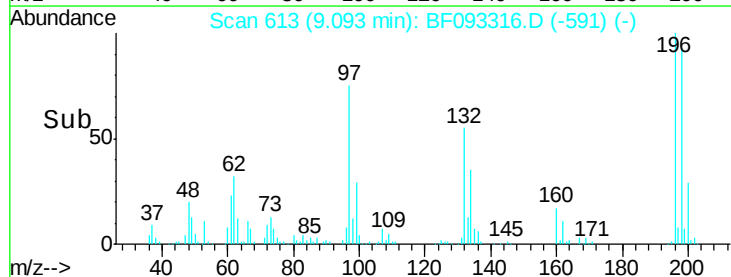
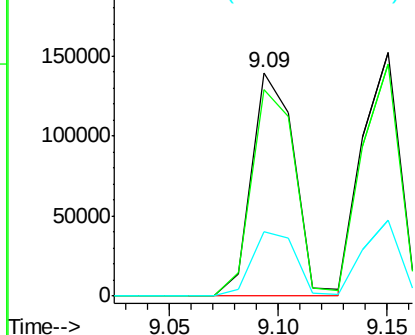


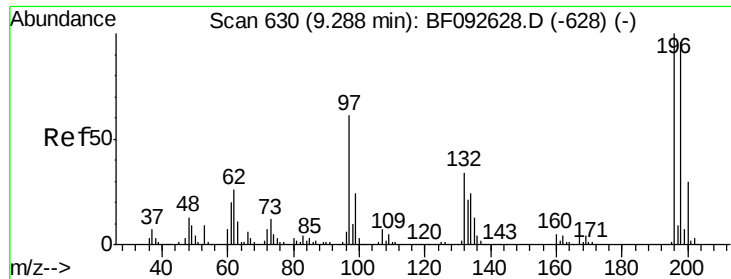
#42
 2,4,6-Trichlorophenol
 Concen: 41.05 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion:196 Resp: 190255
 Ion Ratio Lower Upper
 196 100
 198 92.5 82.1 123.1
 200 28.6 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

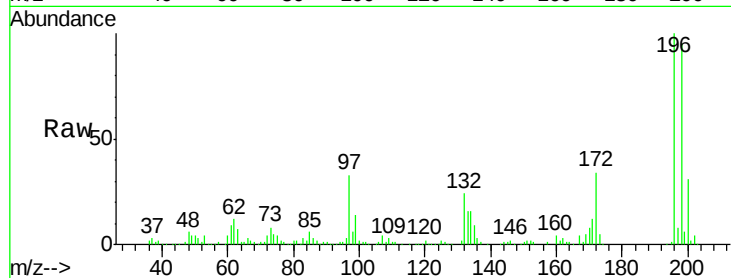




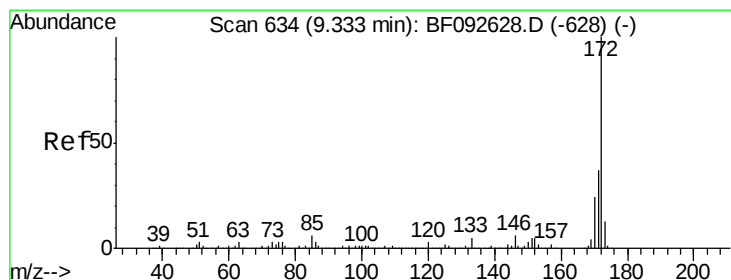
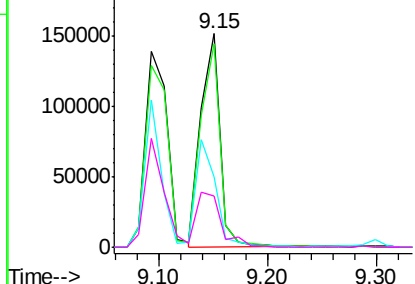
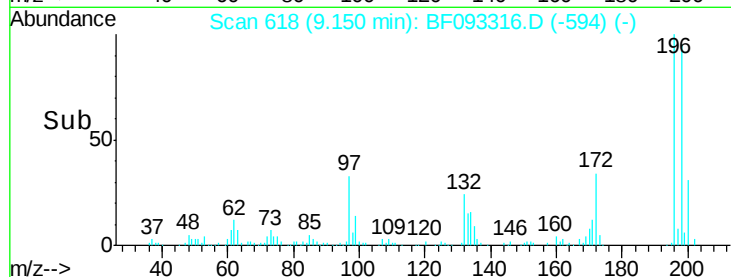
#43
2,4,5-Trichlorophenol
Concen: 37.10 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion:196 Resp: 188409
Ion Ratio Lower Upper
196 100
198 95.4 79.4 119.2
97 33.1 51.5 77.3#
132 24.2 27.4 41.2#

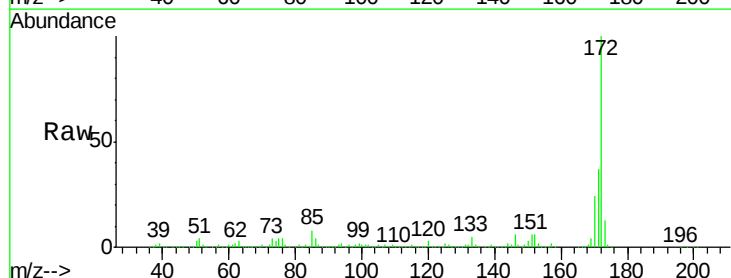


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

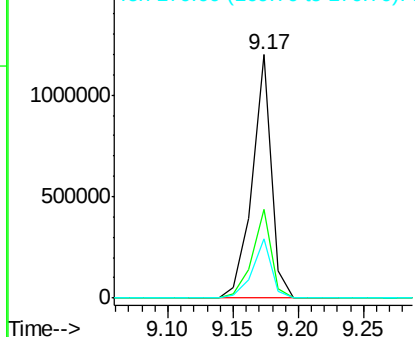
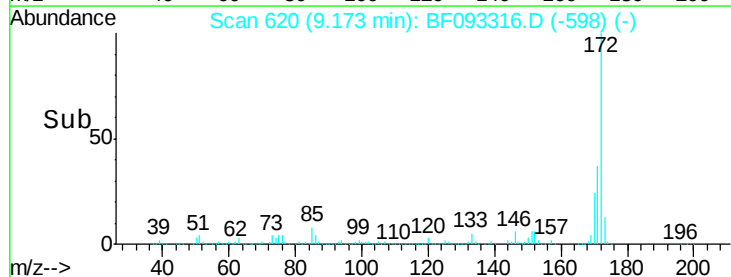


#44
2-Fluorobiphenyl
Concen: 88.37 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:172 Resp: 1225844
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.1 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 44.05 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampled :

PB97255BS

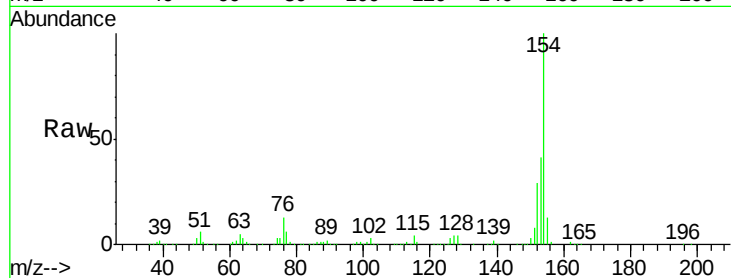
Tgt Ion:154 Resp: 801592

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

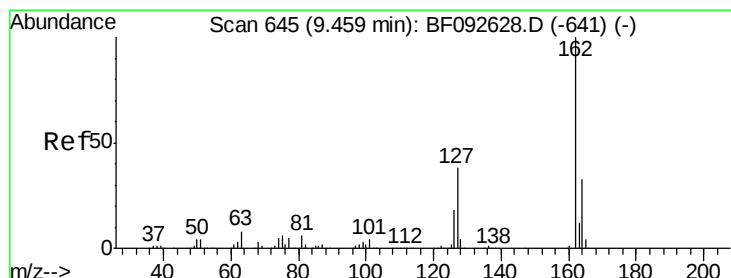
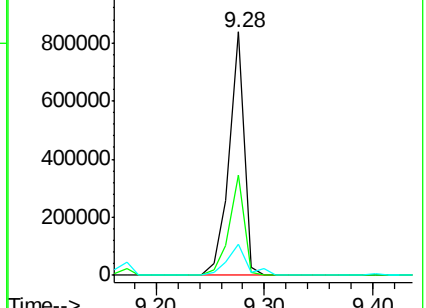
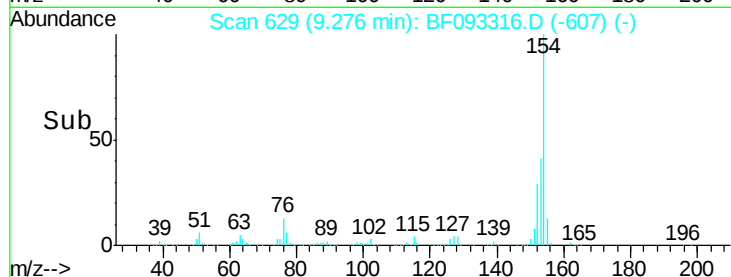
76 12.6 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.38 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.05 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

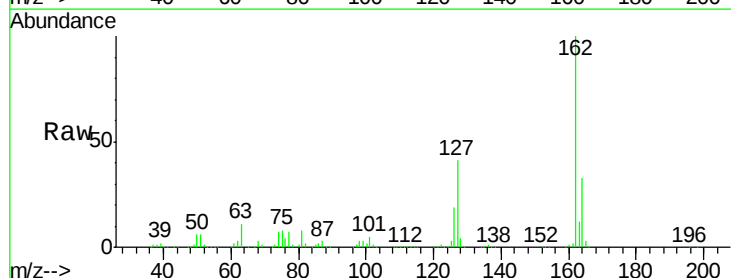
Tgt Ion:162 Resp: 589035

Ion Ratio Lower Upper

162 100

127 41.1 30.7 46.1

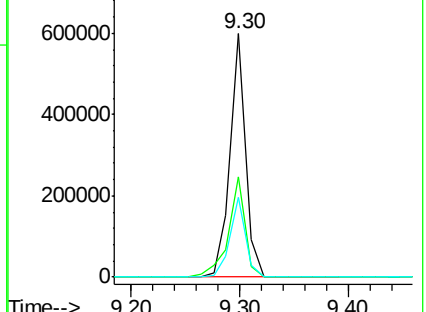
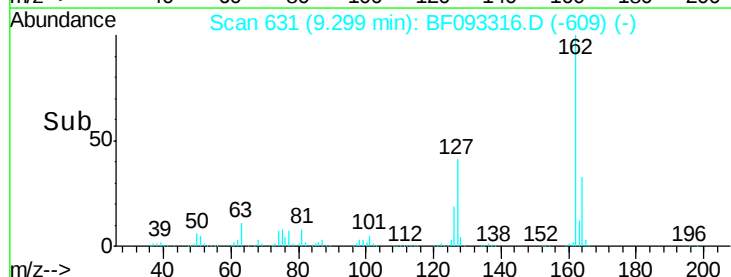
164 33.0 27.6 41.4



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

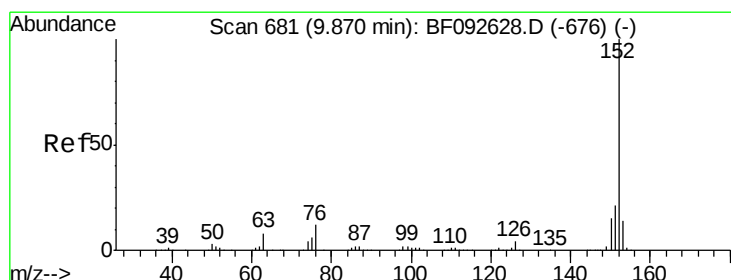
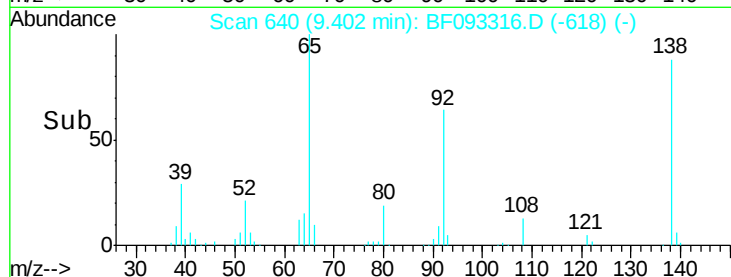
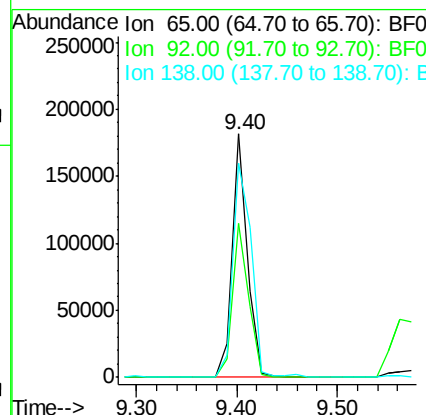
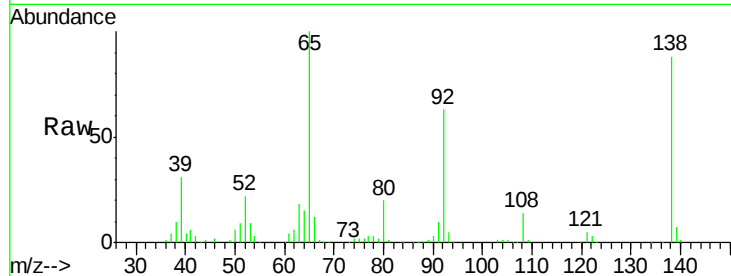




#47
2-Nitroaniline
Concen: 39.82 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

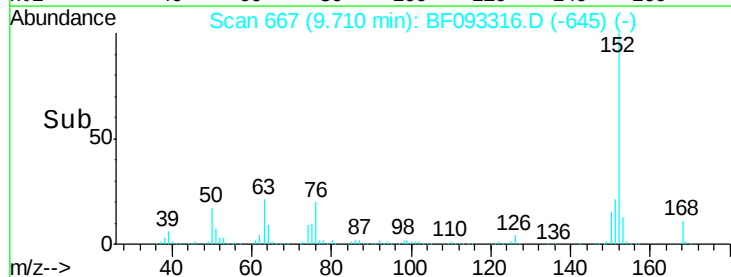
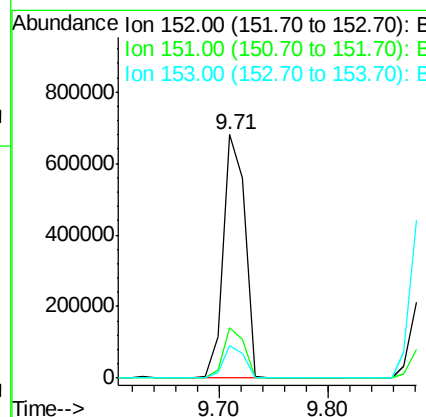
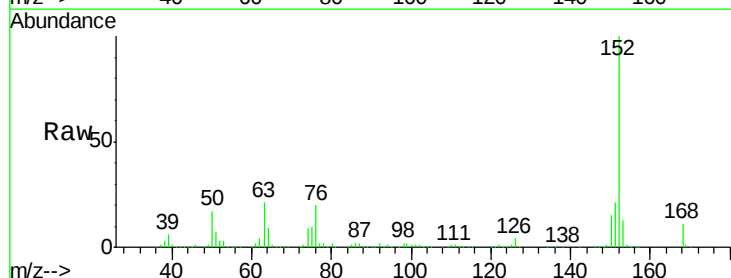
Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion: 65 Resp: 190598
Ion Ratio Lower Upper
65 100
92 63.4 53.9 80.9
138 87.9 76.8 115.2



#48
Acenaphthylene
Concen: 38.24 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion: 152 Resp: 940422
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.4 11.4 17.2

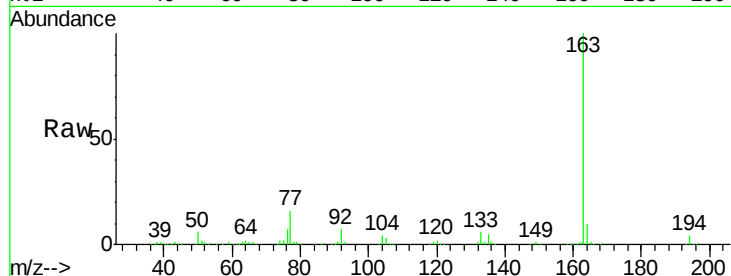




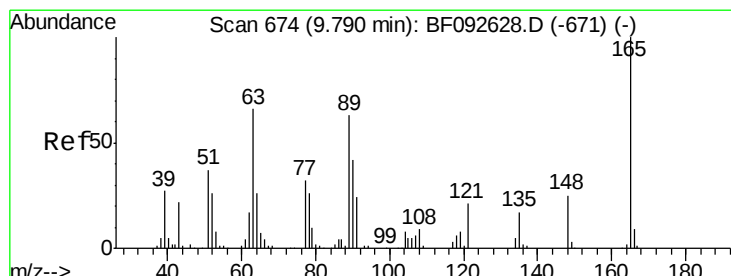
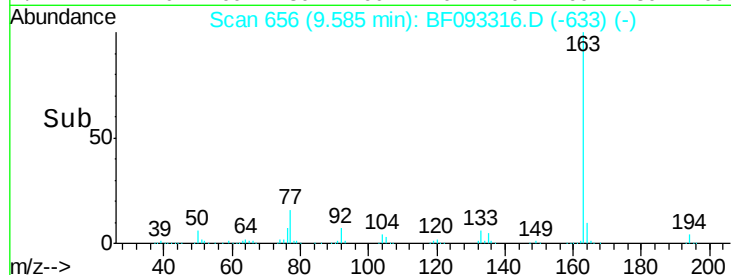
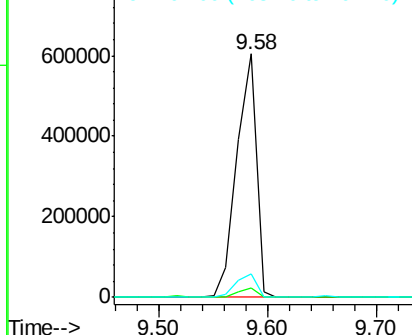
#49
Dimethylphthalate
Concen: 44.27 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion:163 Resp: 749392
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.7 8.0 12.0

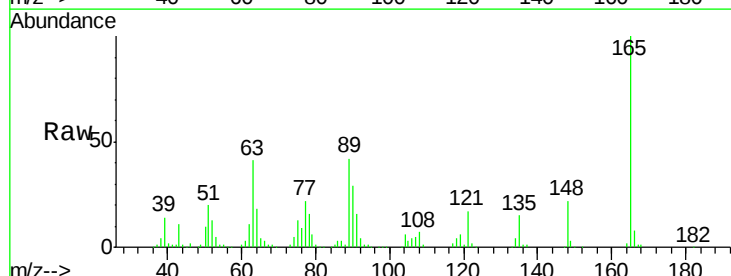


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

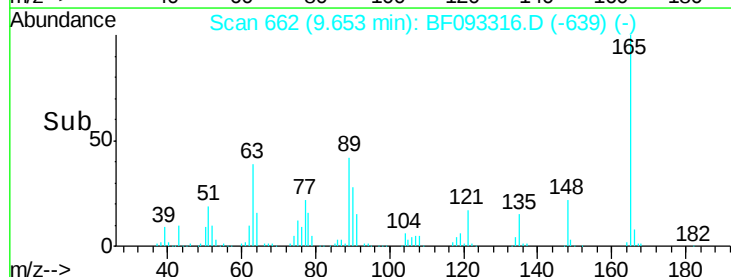
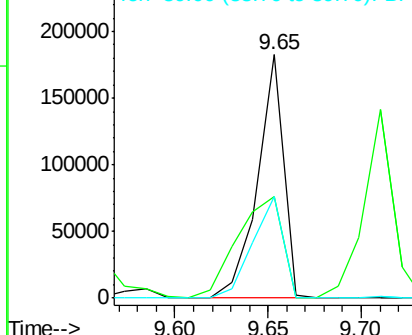


#50
2,6-Dinitrotoluene
Concen: 47.91 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:165 Resp: 175151
Ion Ratio Lower Upper
165 100
63 41.5 36.2 54.4
89 41.6 40.2 60.4



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





#51

Acenaphthene

Concen: 37.46 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

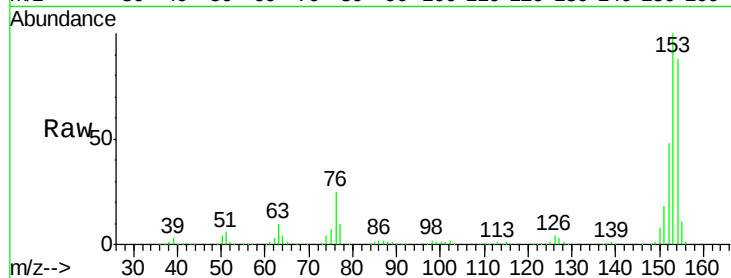
Tgt Ion:154 Resp: 550815

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

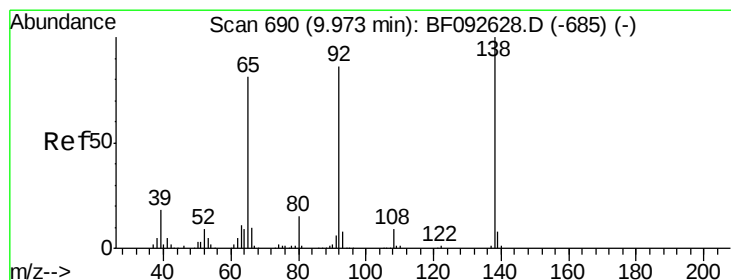
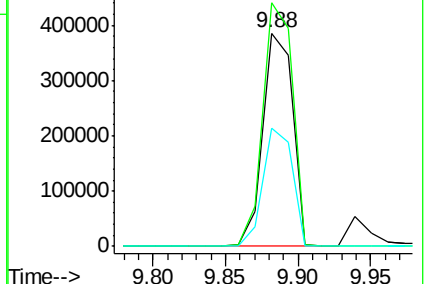
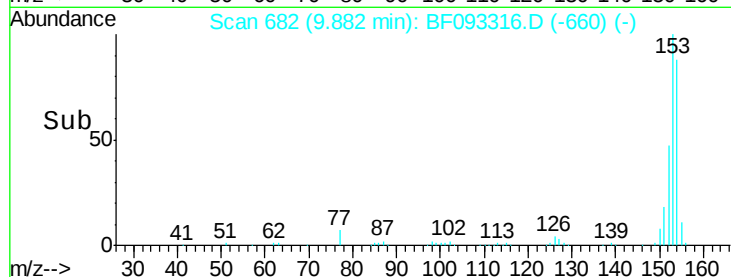
152 55.1 41.6 62.4



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: 18.50 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

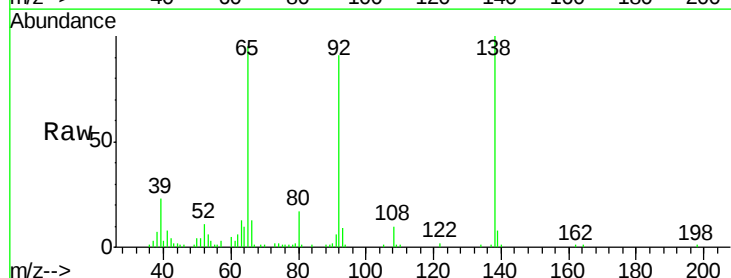
Tgt Ion:138 Resp: 77393

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

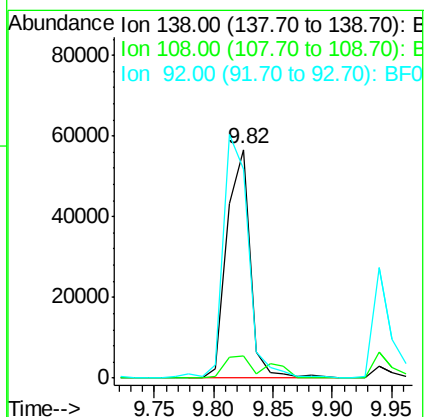
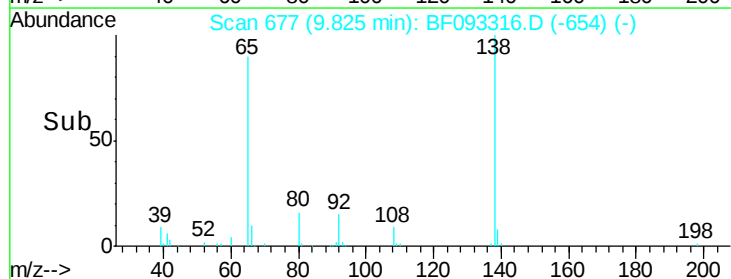
92 91.4 97.8 146.8#

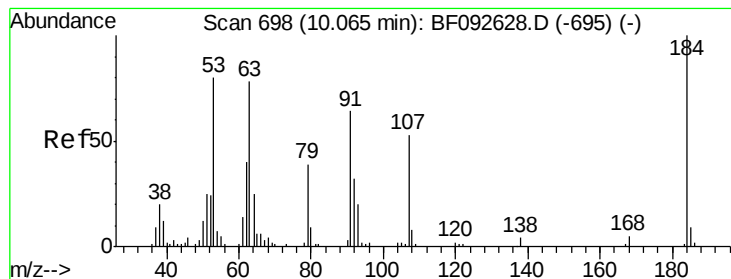


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 61.60 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

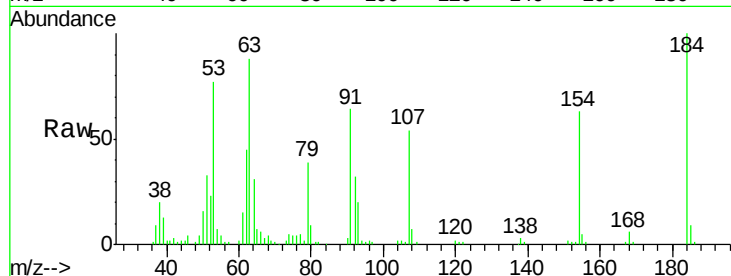
Tgt Ion:184 Resp: 112401

Ion Ratio Lower Upper

184 100

63 88.2 28.4 42.6#

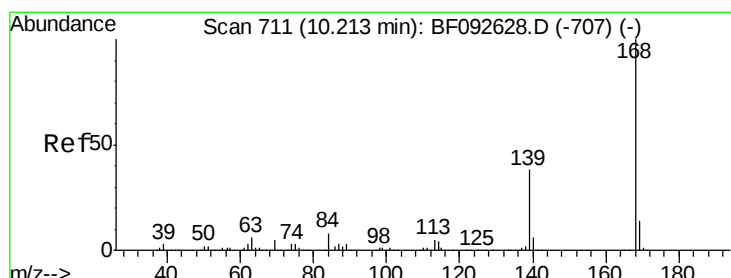
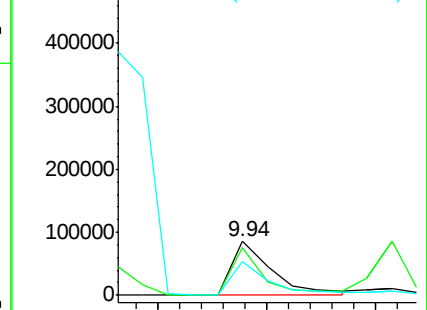
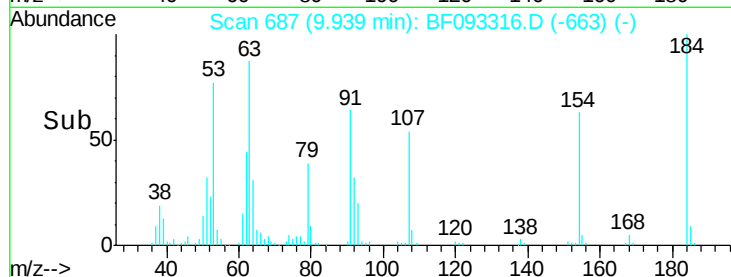
154 63.0 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.62 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

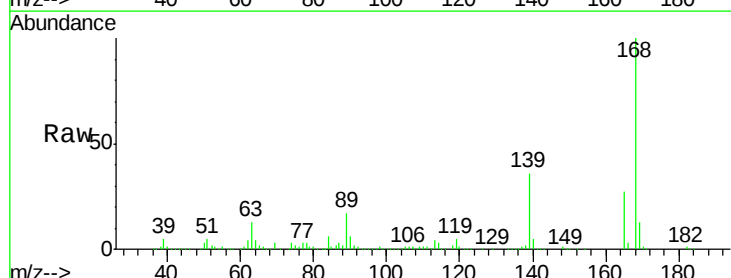
Tgt Ion:168 Resp: 838144

Ion Ratio Lower Upper

168 100

139 35.6 32.6 49.0

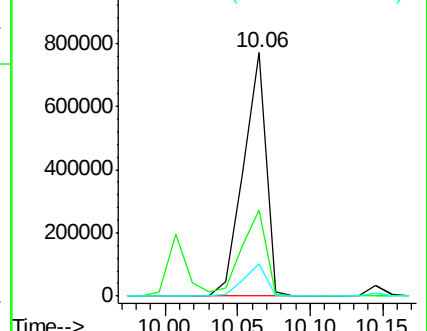
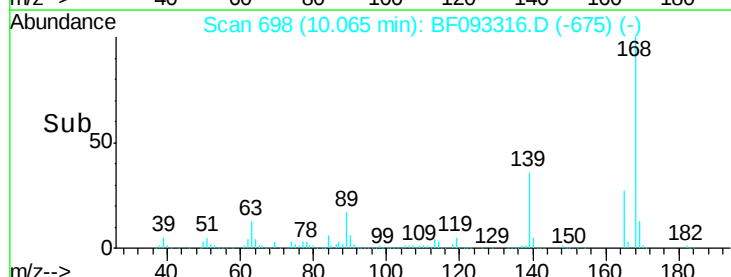
169 13.2 11.3 16.9

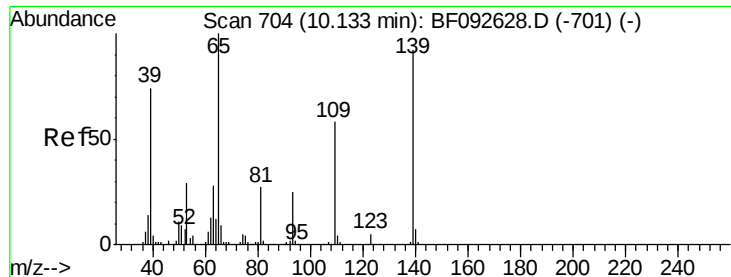


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

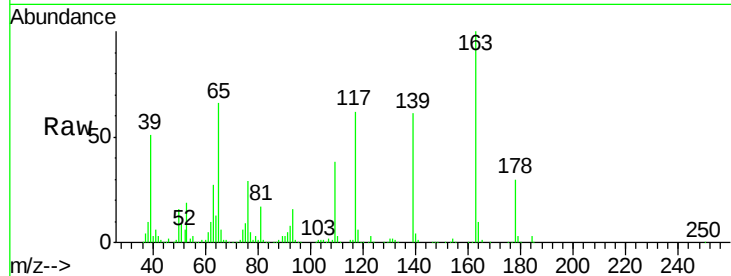




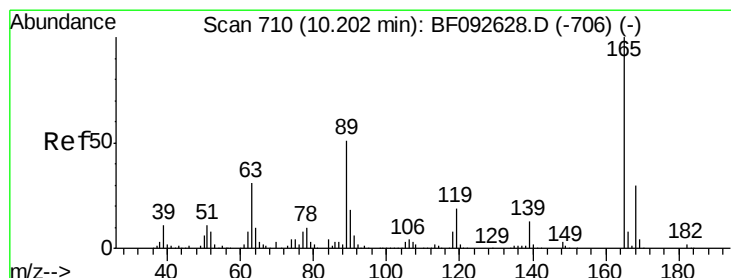
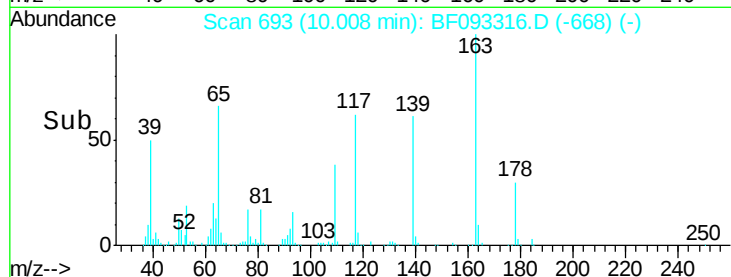
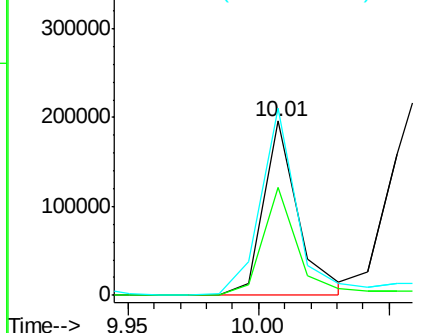
#55
4-Nitrophenol
Concen: 60.59 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion:139 Resp: 182554
Ion Ratio Lower Upper
139 100
109 61.8 52.2 92.2
65 107.7 85.8 125.8

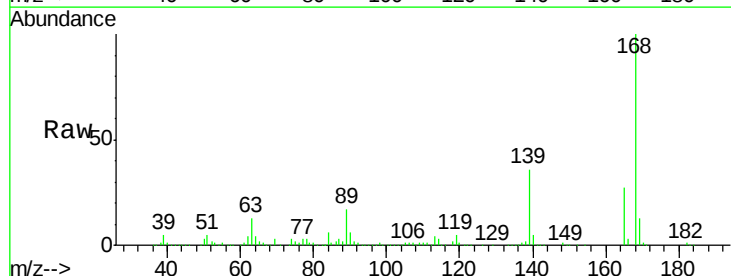


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

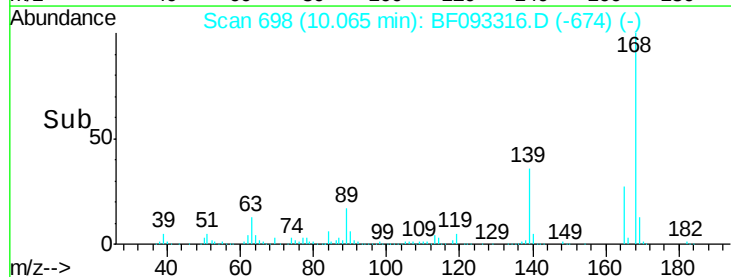
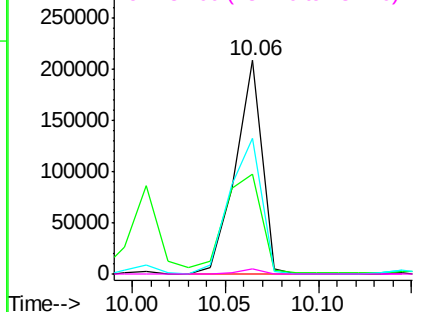


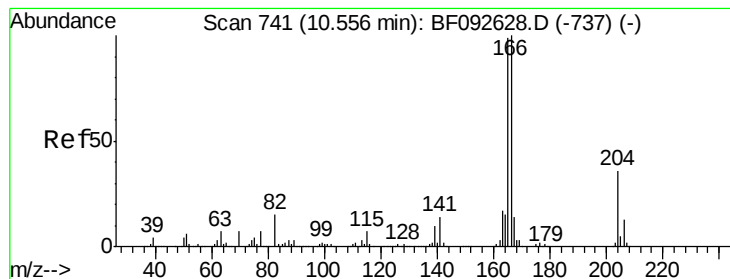
#56
2,4-Dinitrotoluene
Concen: 42.84 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:165 Resp: 208502
Ion Ratio Lower Upper
165 100
63 47.0 40.2 60.4
89 63.7 62.5 93.7
182 2.4 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.11 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

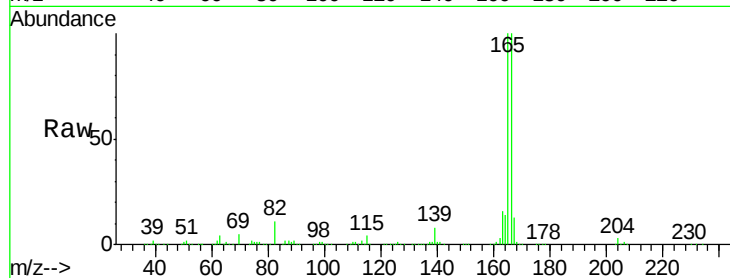
Tgt Ion:166 Resp: 682497

Ion Ratio Lower Upper

166 100

165 100.2 77.8 116.8

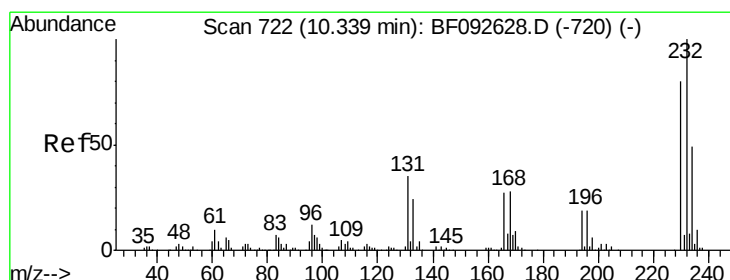
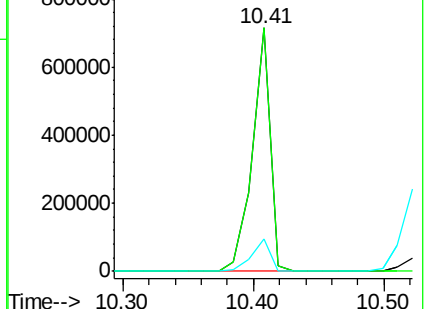
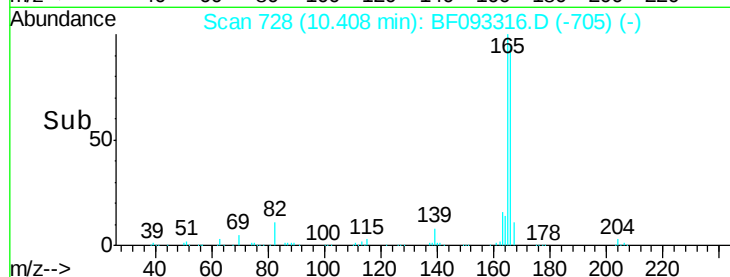
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.47 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Tgt Ion:232 Resp: 160835

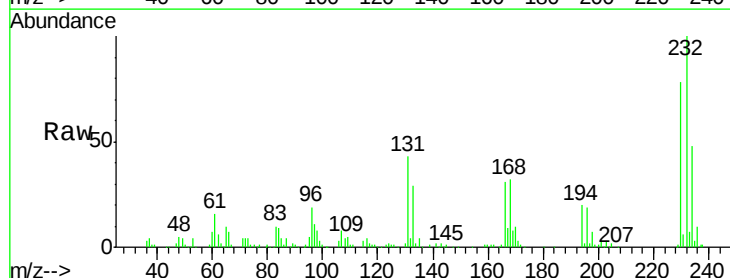
Ion Ratio Lower Upper

232 100

131 43.9 40.1 60.1

130 1.9 1.8 2.8

166 29.1 26.6 39.8

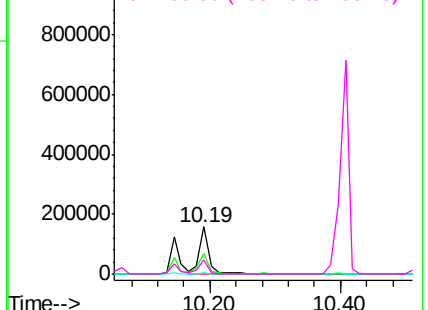
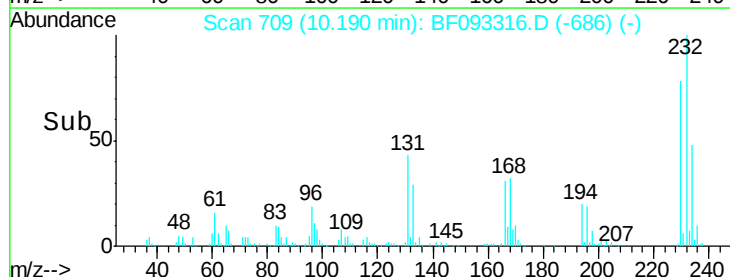


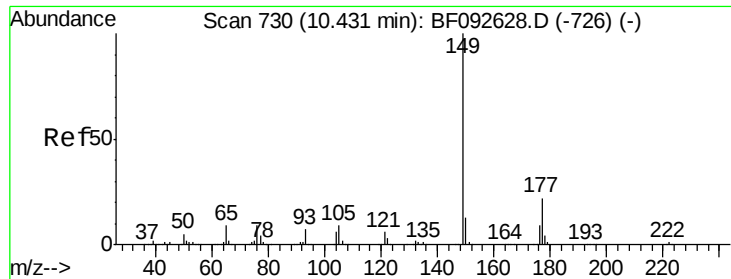
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

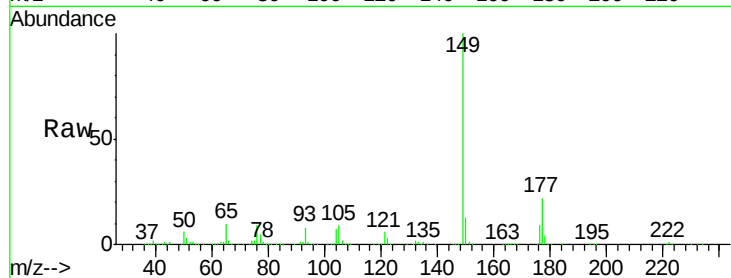




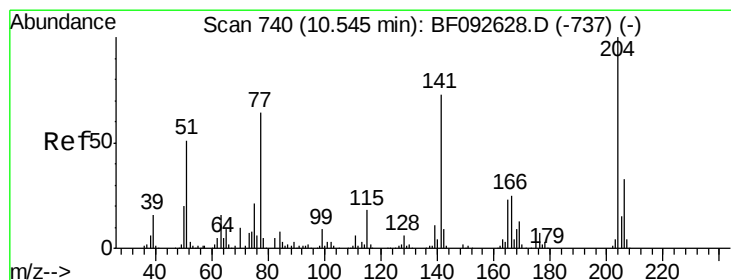
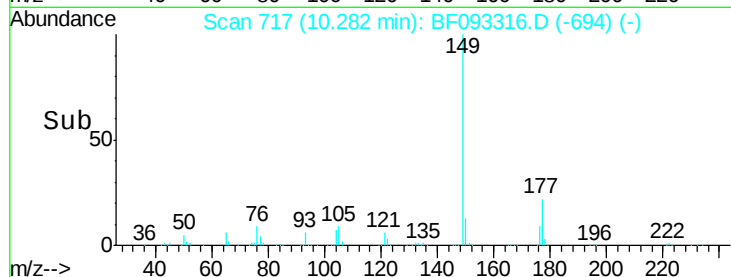
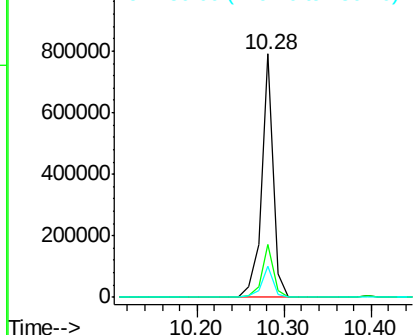
#59
Diethylphthalate
Concen: 46.43 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion:149 Resp: 740611
Ion Ratio Lower Upper
149 100
177 21.6 16.6 25.0
150 12.8 10.4 15.6

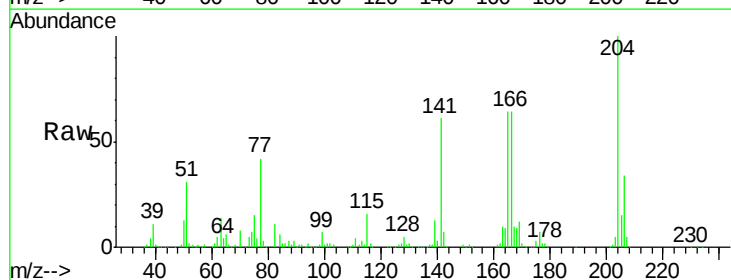


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

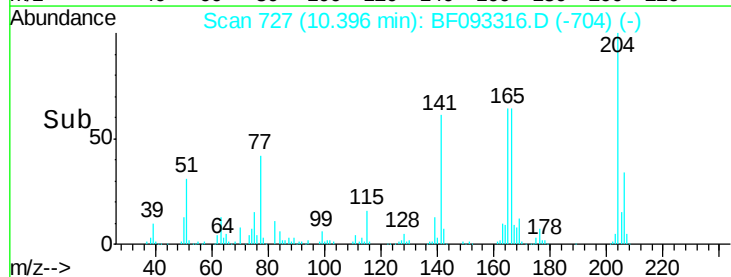
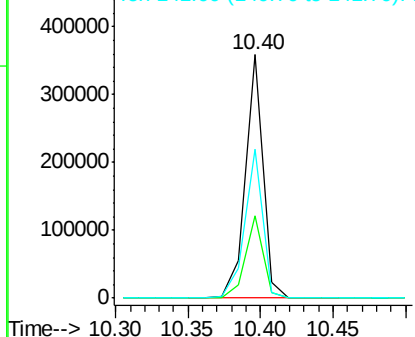


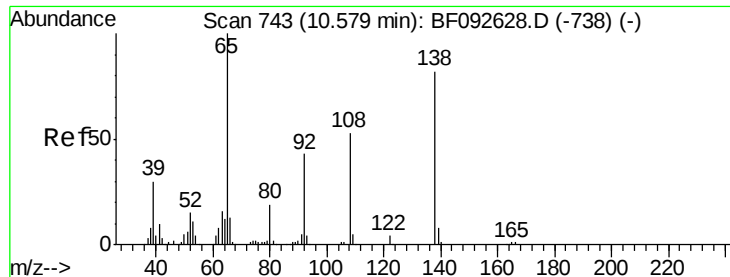
#60
4-Chlorophenyl-phenylether
Concen: 41.65 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:204 Resp: 302694
Ion Ratio Lower Upper
204 100
206 34.0 25.8 38.6
141 61.0 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

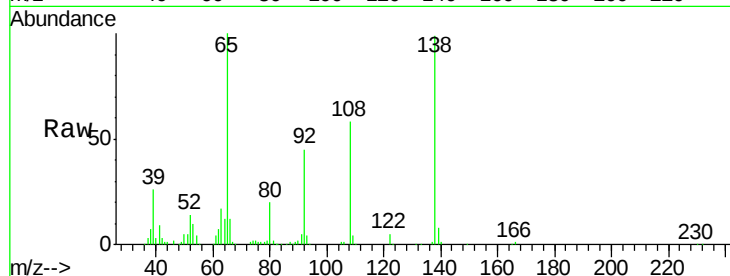




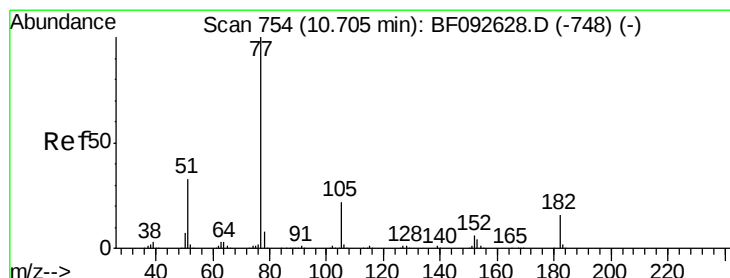
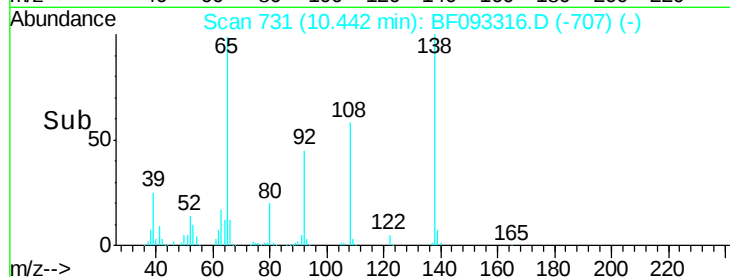
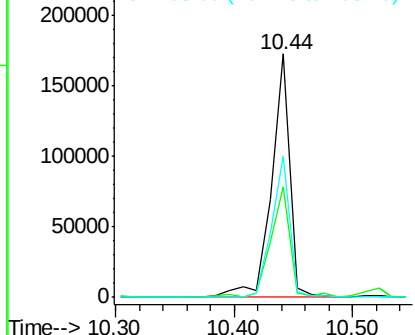
#61
4-Nitroaniline
Concen: 43.31 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion: 138 Resp: 185587
Ion Ratio Lower Upper
138 100
92 45.5 31.7 71.7
108 58.2 52.6 92.6

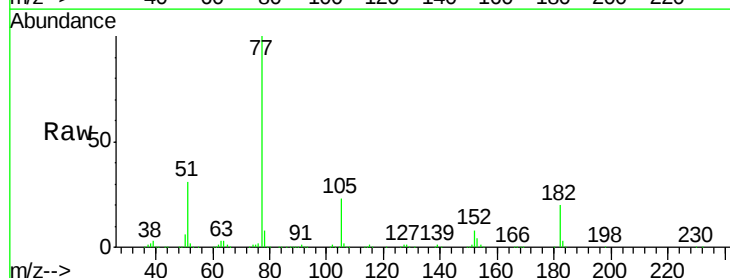


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

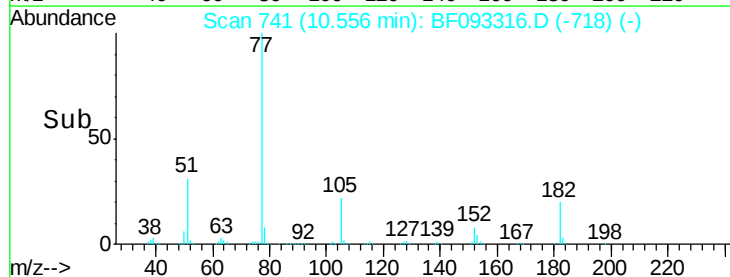
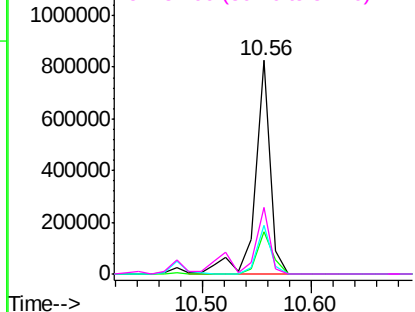


#62
Azobenzene
Concen: 48.49 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion: 77 Resp: 799154
Ion Ratio Lower Upper
77 100
182 20.1 0.0 39.3
105 22.9 2.3 42.3
51 31.3 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

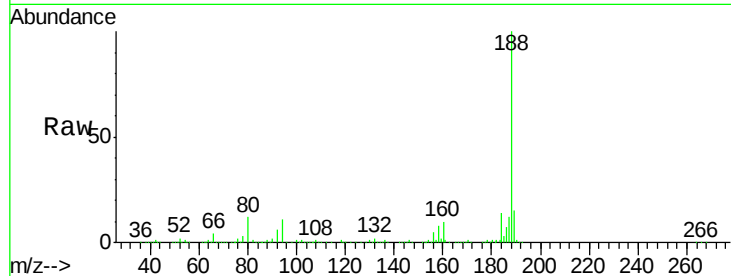




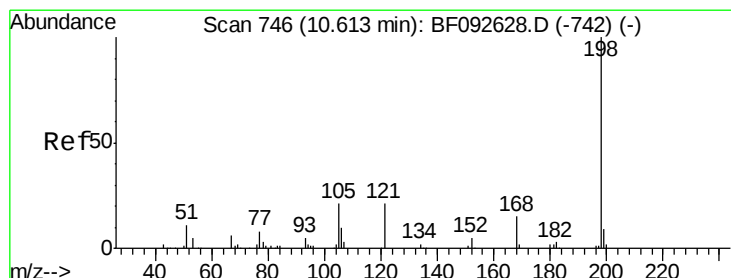
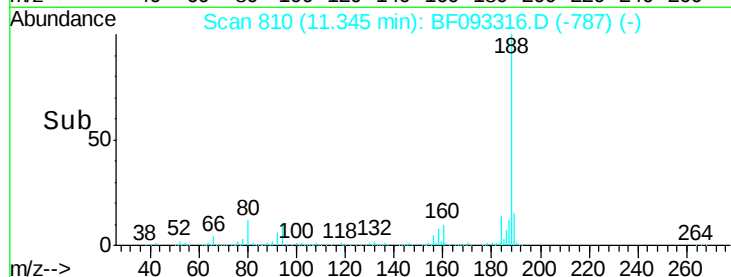
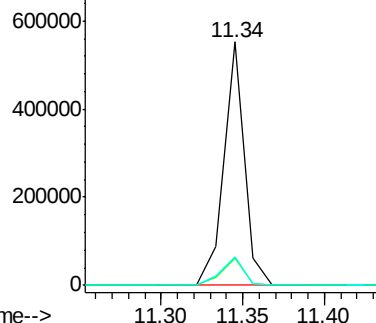
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion:188 Resp: 485442
Ion Ratio Lower Upper
188 100
94 11.0 10.0 15.0
80 11.8 11.2 16.8

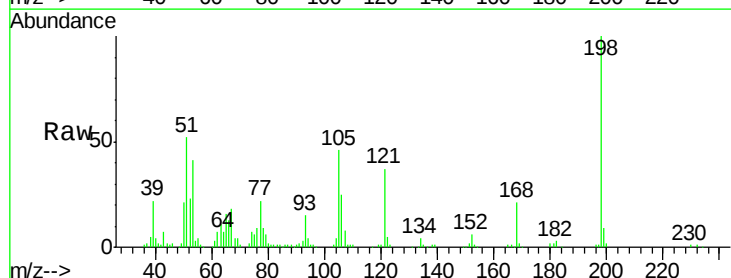


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

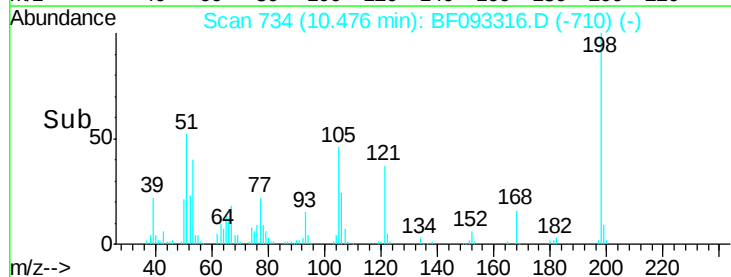
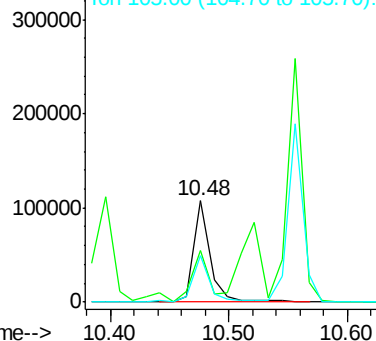


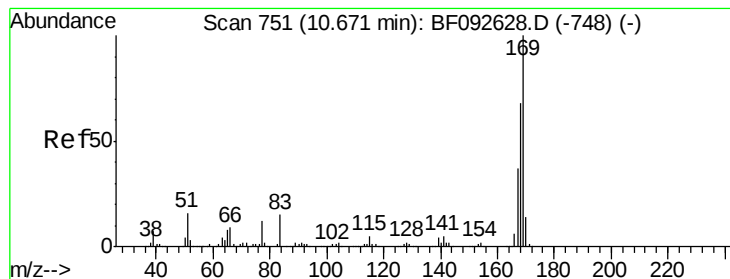
#64
4,6-Dinitro-2-methylphenol
Concen: 35.46 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:198 Resp: 102592
Ion Ratio Lower Upper
198 100
51 51.5 6.7 46.7#
105 45.9 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: 39.23 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

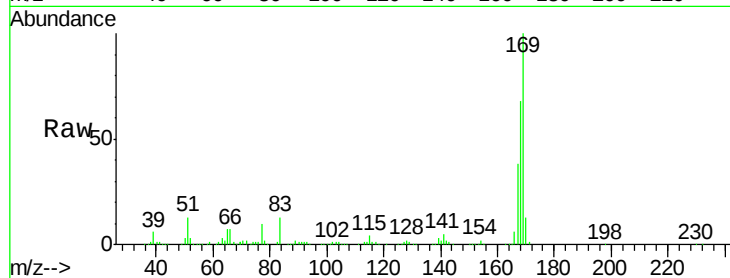
Tgt Ion:169 Resp: 608398

Ion Ratio Lower Upper

169 100

168 68.5 54.2 81.2

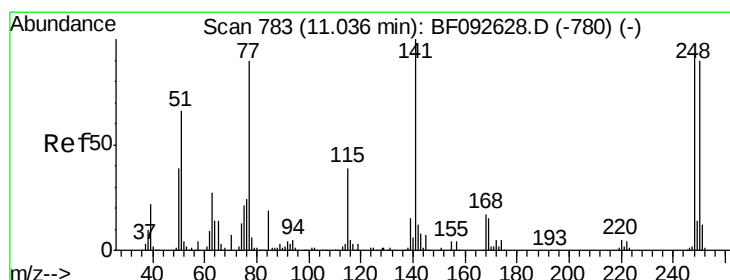
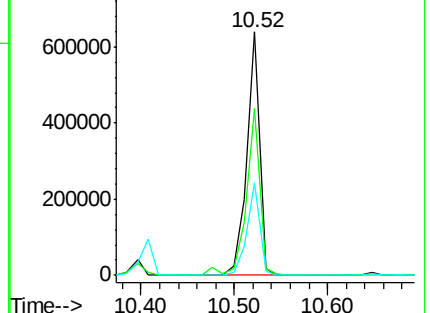
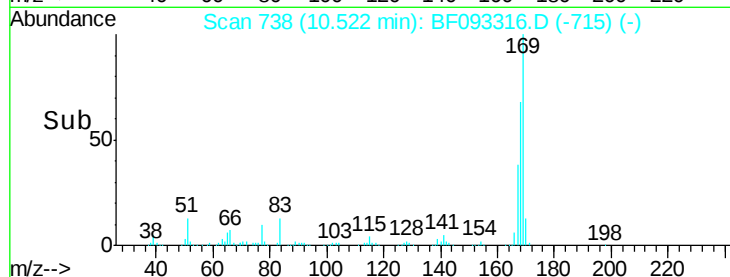
167 37.8 30.2 45.4



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: 36.32 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

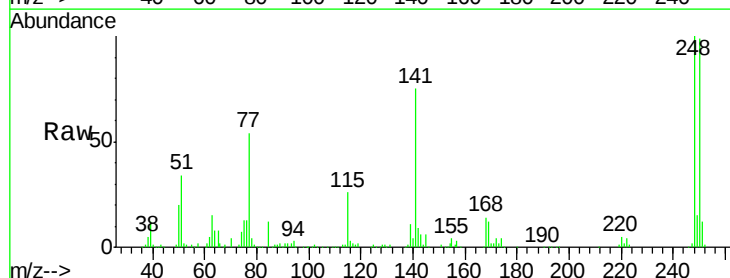
Tgt Ion:248 Resp: 184183

Ion Ratio Lower Upper

248 100

250 98.9 76.9 115.3

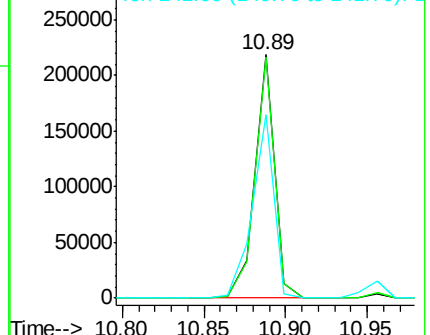
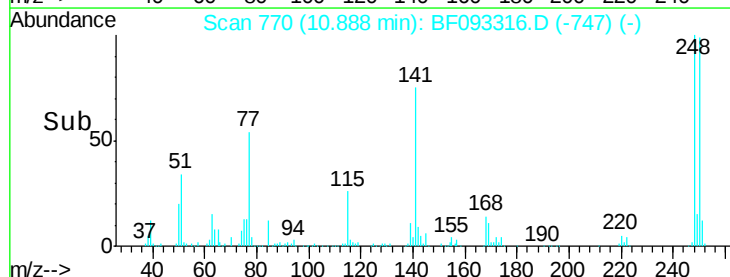
141 75.2 68.2 102.4



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: 34.83 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

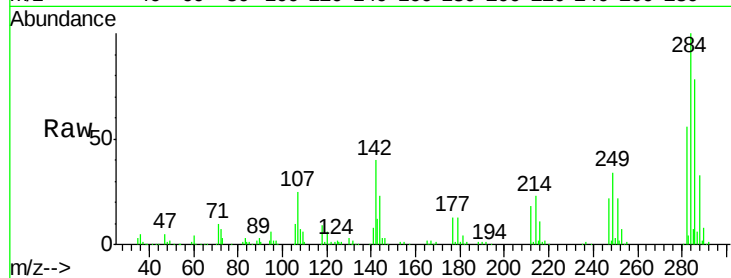
Tgt Ion:284 Resp: 174574

Ion Ratio Lower Upper

284 100

142 40.4 22.6 33.8#

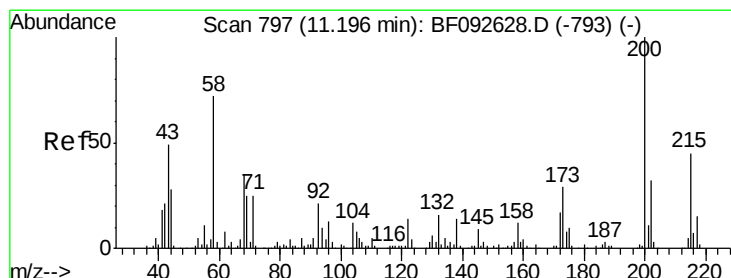
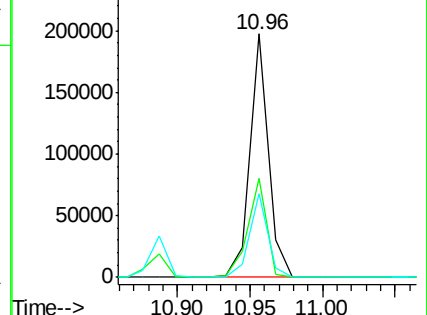
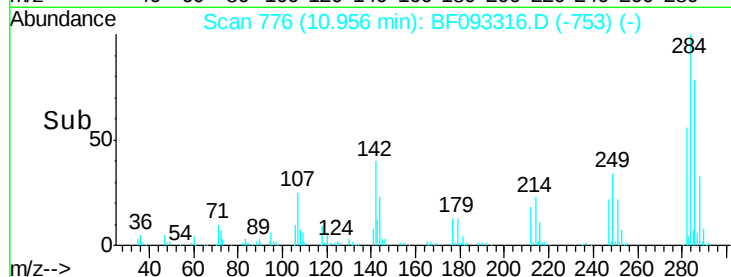
249 34.2 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.17 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

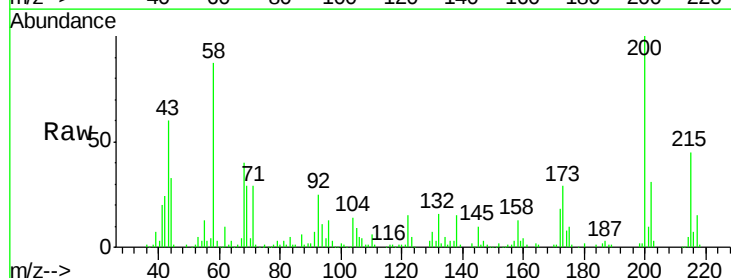
Tgt Ion:200 Resp: 194929

Ion Ratio Lower Upper

200 100

173 28.8 9.6 49.6

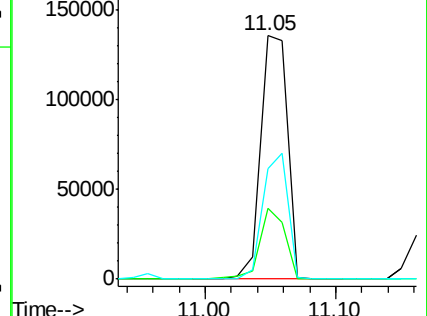
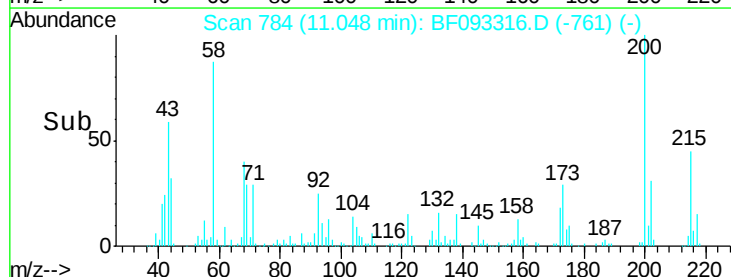
215 45.2 25.7 65.7

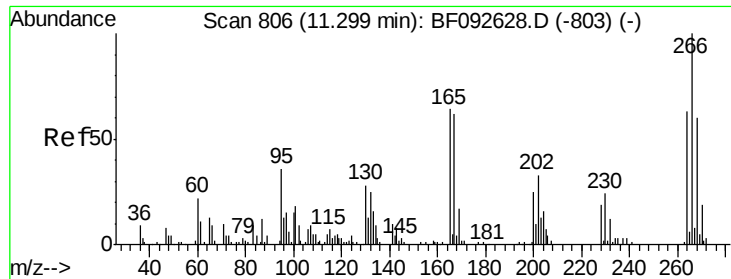


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

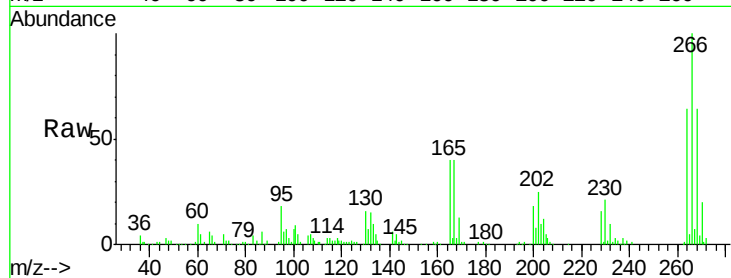




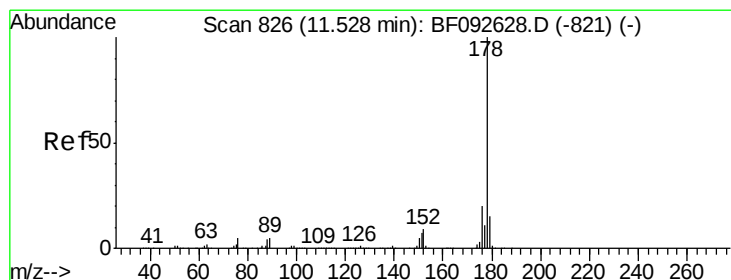
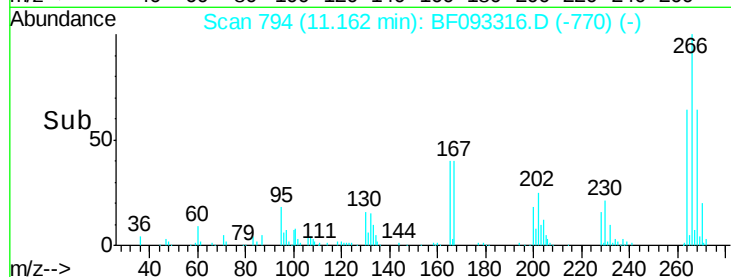
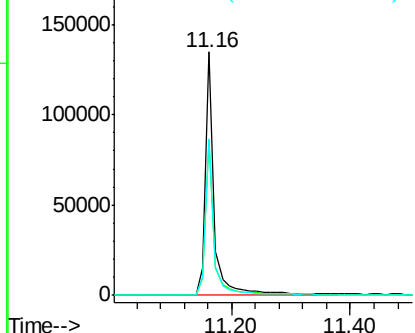
#69
 Pentachlorophenol
 Concen: 58.34 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tgt Ion:266 Resp: 145389
 Ion Ratio Lower Upper
 266 100
 268 63.6 53.3 79.9
 264 64.1 50.3 75.5

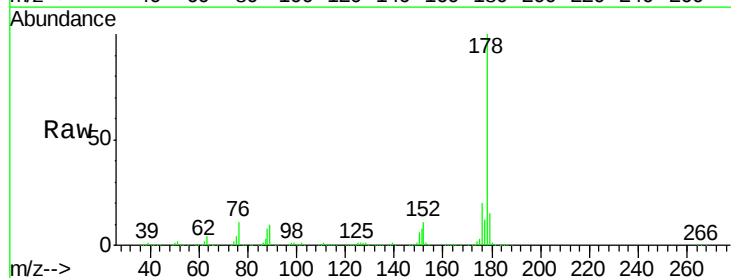


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

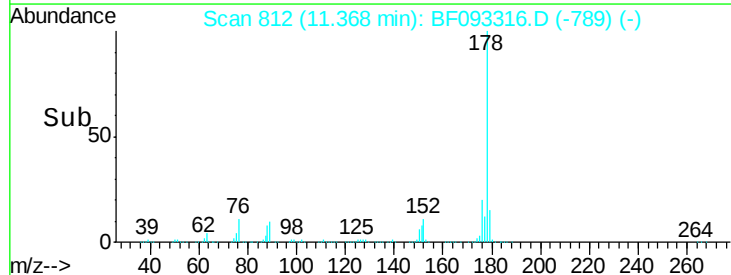
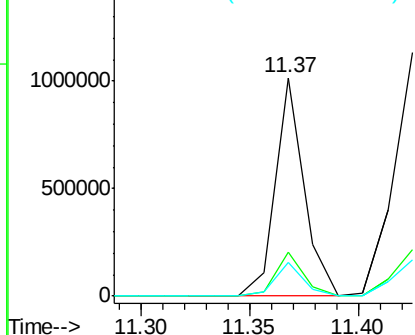


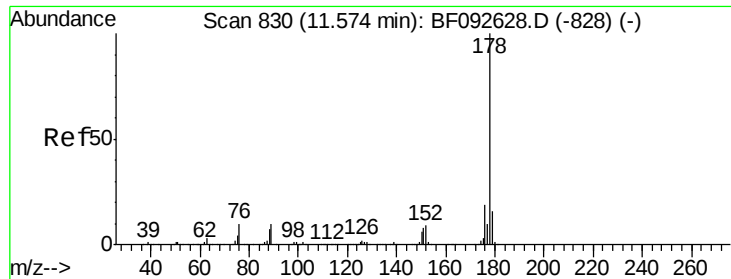
#70
 Phenanthrene
 Concen: 33.86 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion:178 Resp: 941712
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.4 12.8 19.2



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

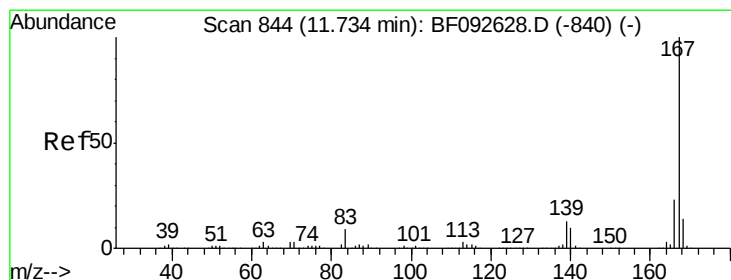
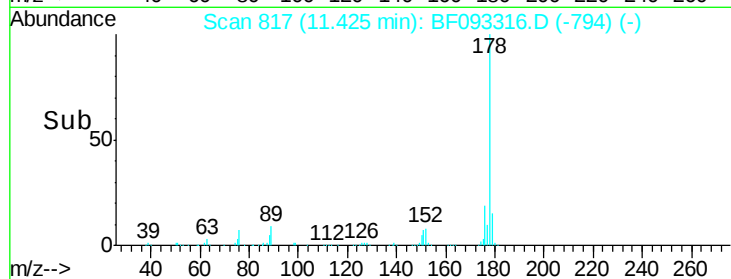
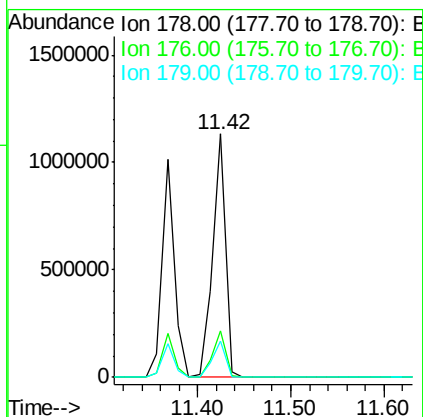
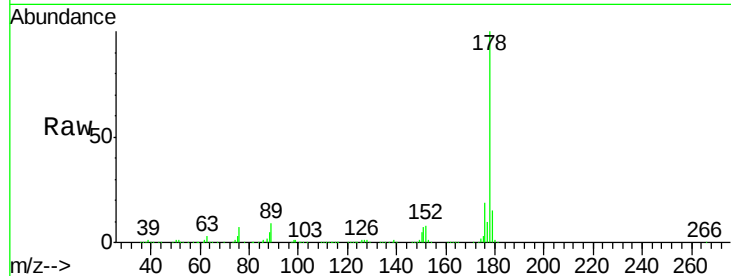




#71
 Anthracene
 Concen: 39.01 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

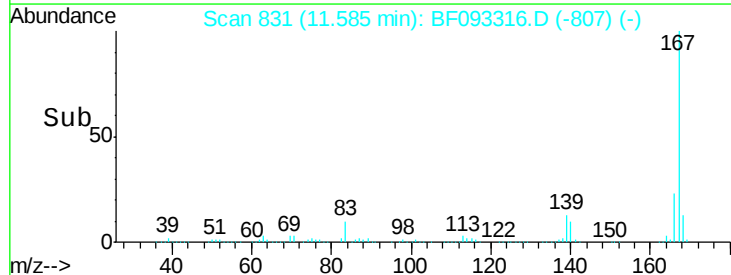
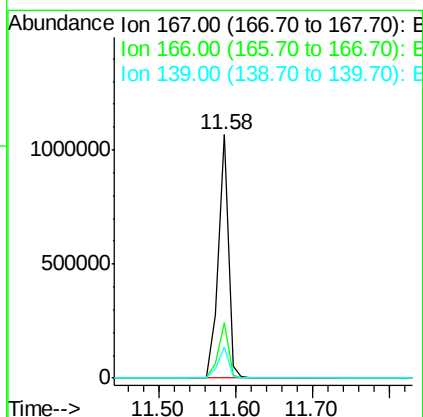
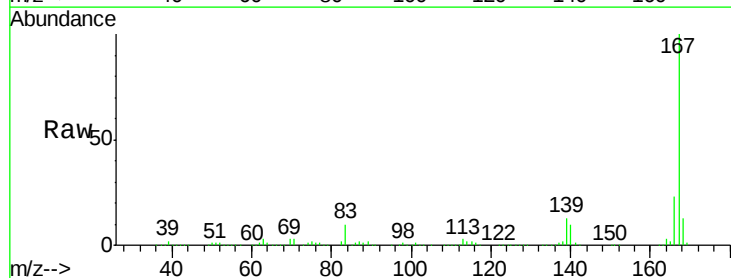
Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

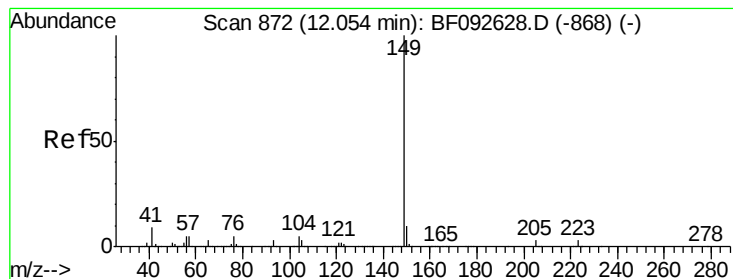
Tgt Ion:178 Resp: 1089520
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.1 13.2 19.8



#72
 Carbazole
 Concen: 36.39 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion:167 Resp: 971464
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 12.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 38.54 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

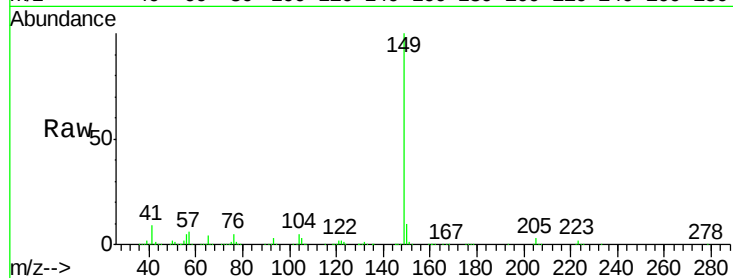
Tgt Ion:149 Resp: 1112868

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

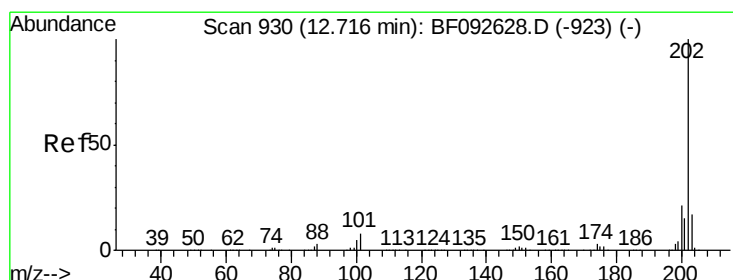
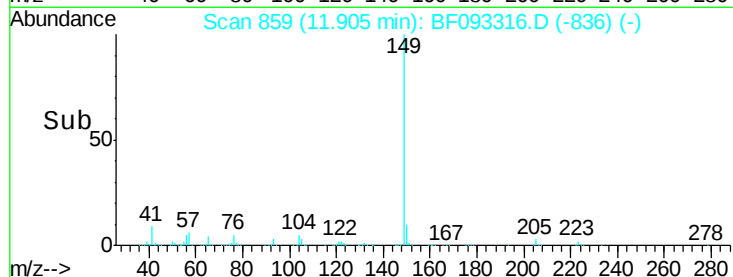
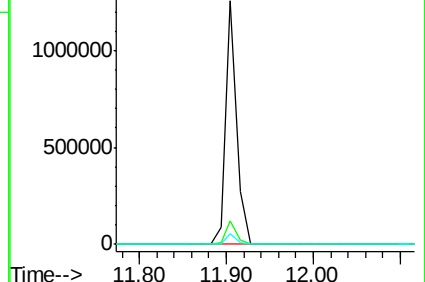
104 4.6 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.40 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

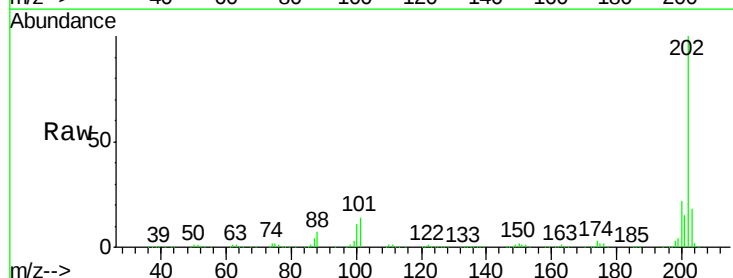
Tgt Ion:202 Resp: 1015631

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.6

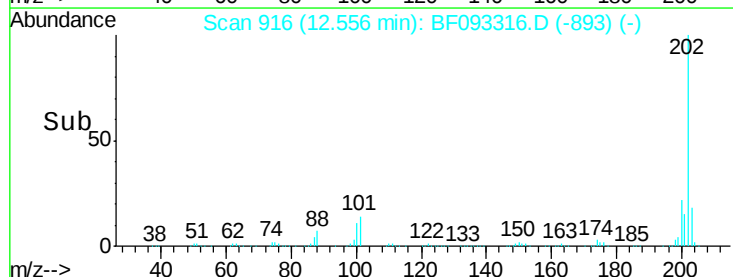
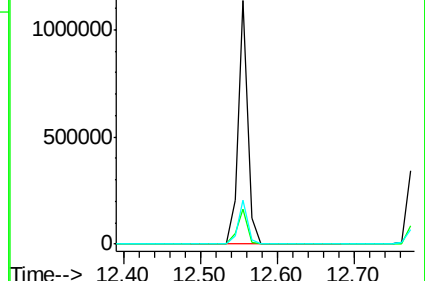
203 18.0 0.0 38.7

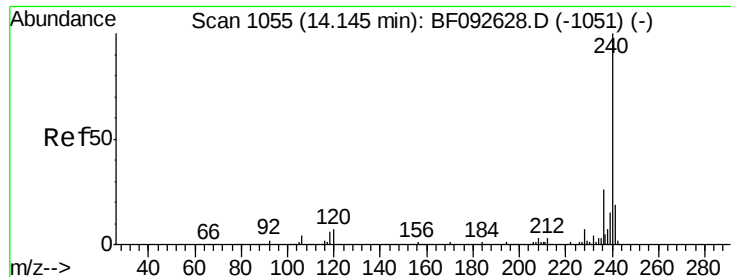


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

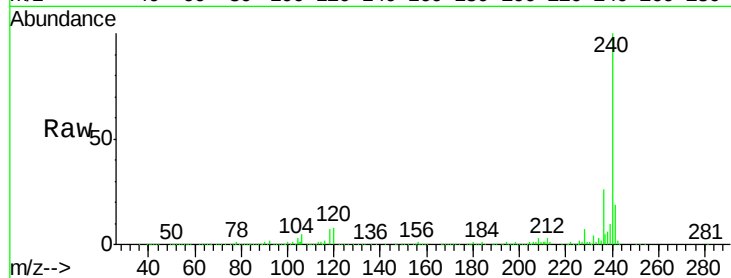
Tgt Ion:240 Resp: 449478

Ion Ratio Lower Upper

240 100

120 8.0 12.9 19.3#

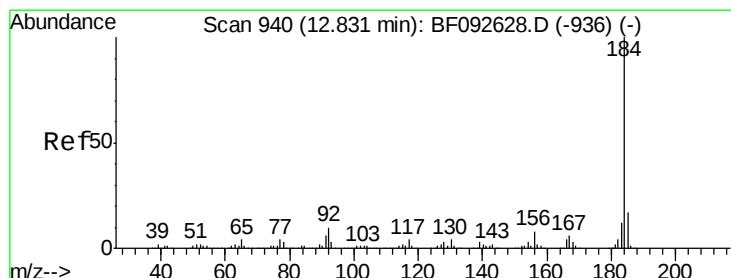
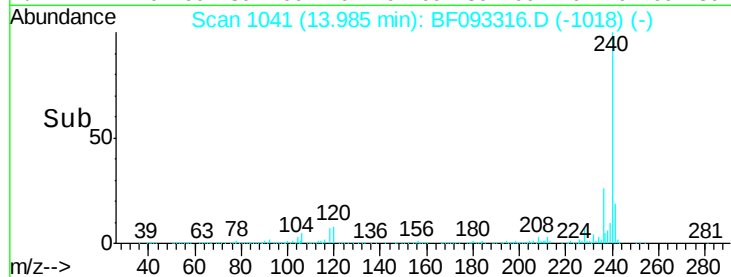
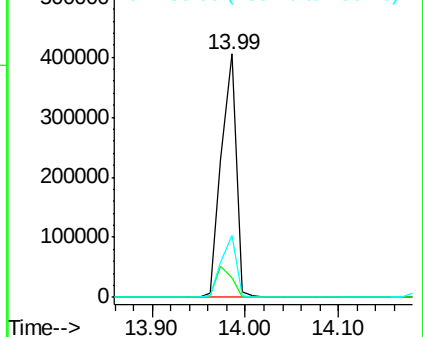
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.05 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

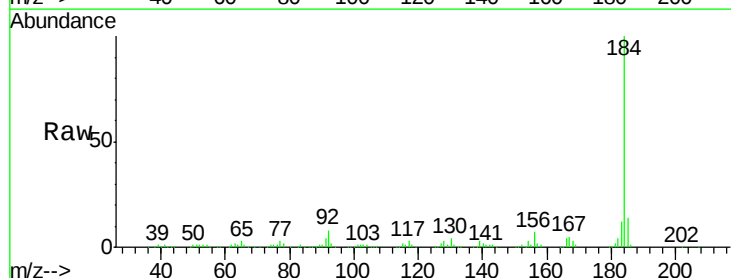
Tgt Ion:184 Resp: 250034

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

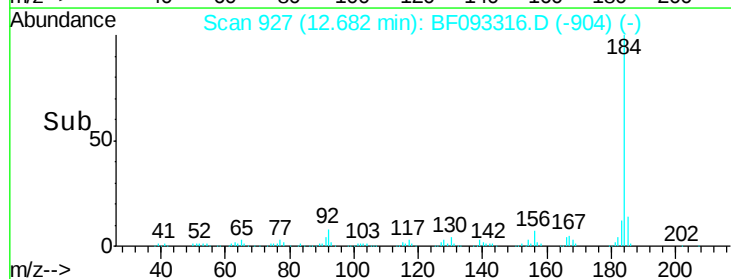
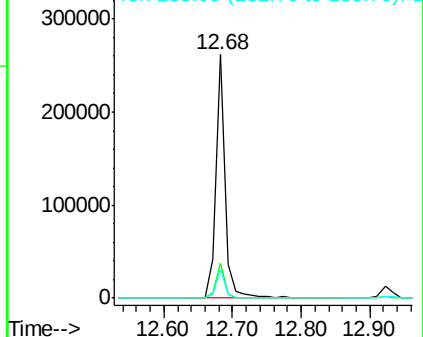
183 11.6 9.2 13.8

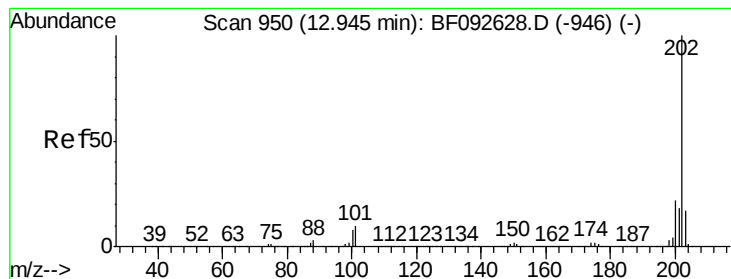


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 31.93 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

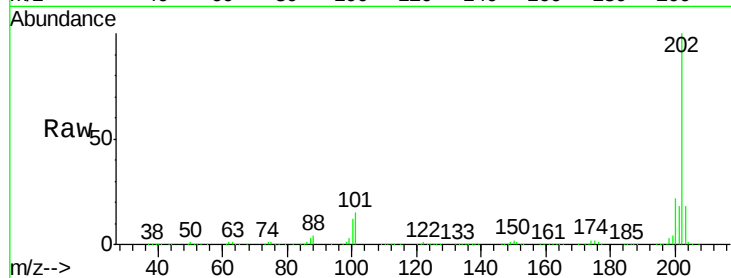
Tgt Ion:202 Resp: 1073922

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

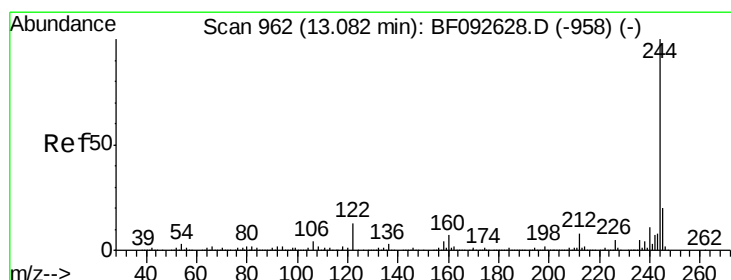
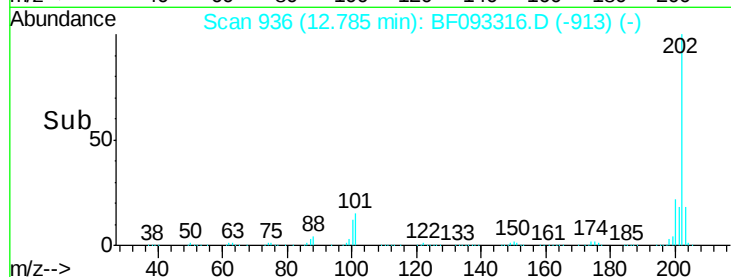
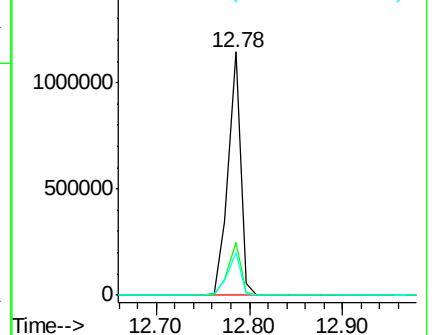
203 17.7 14.7 22.1



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: 61.99 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

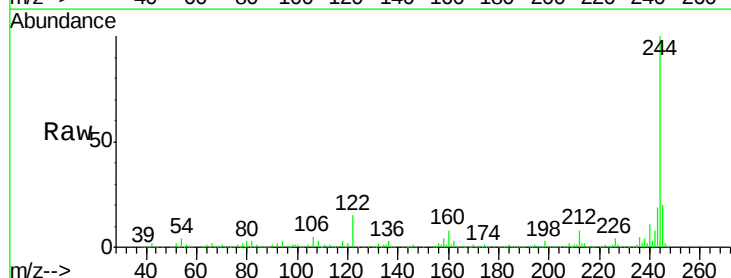
Tgt Ion:244 Resp: 1185758

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

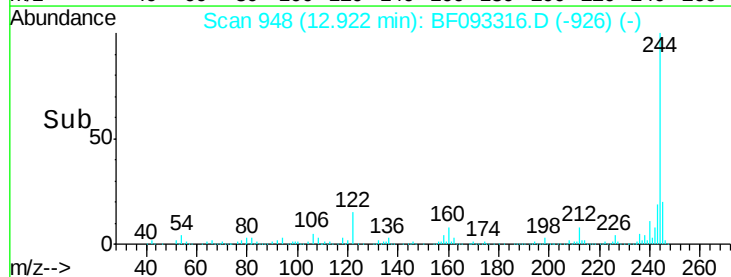
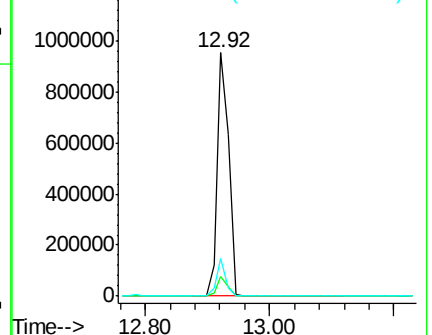
122 15.4 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

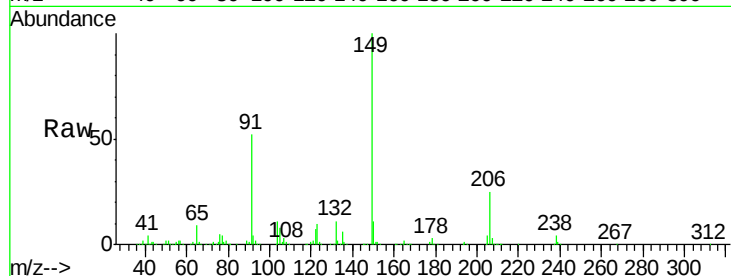




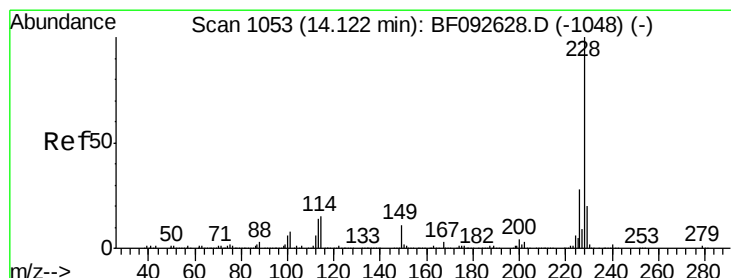
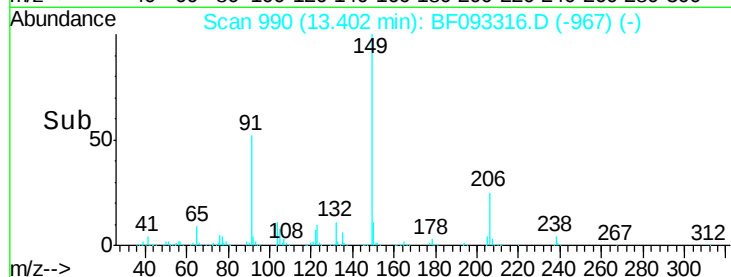
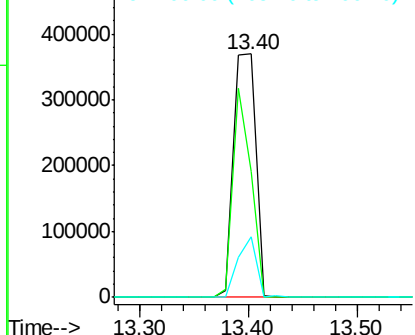
#79
Butylbenzylphthalate
Concen: 37.87 ng
RT: 13.40 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Instrument :
BNA_F
ClientSampleId :
PB97255BS

Tgt Ion:149 Resp: 517252
Ion Ratio Lower Upper
149 100
91 51.9 63.9 95.9#
206 24.9 14.6 21.8#

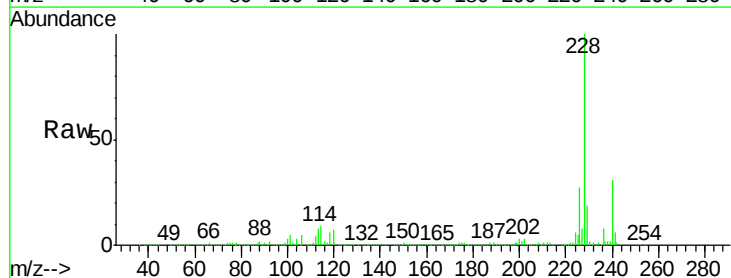


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

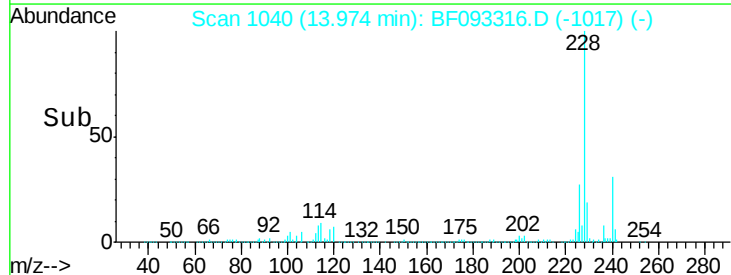
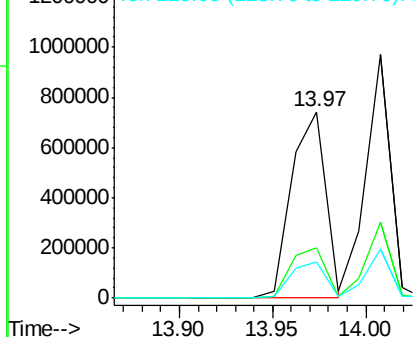


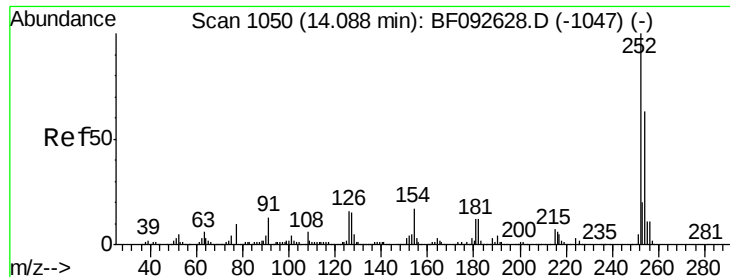
#80
Benzo(a)anthracene
Concen: 34.39 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:228 Resp: 945350
Ion Ratio Lower Upper
228 100
226 27.2 22.4 33.6
229 19.1 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

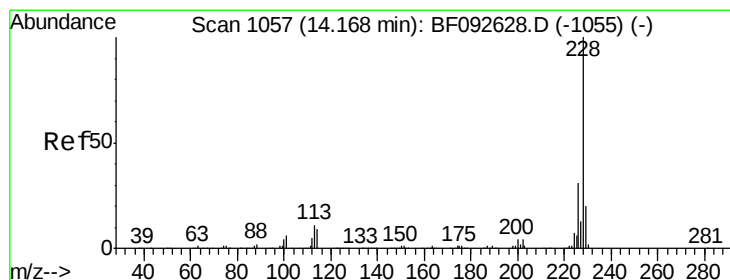
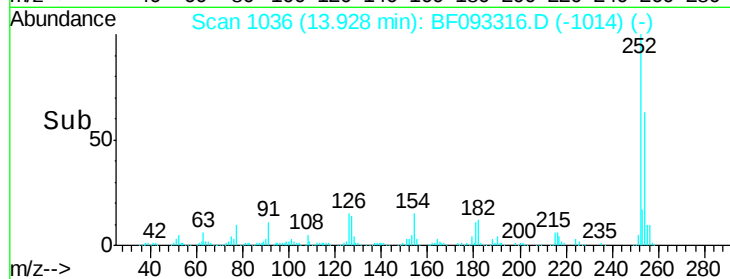
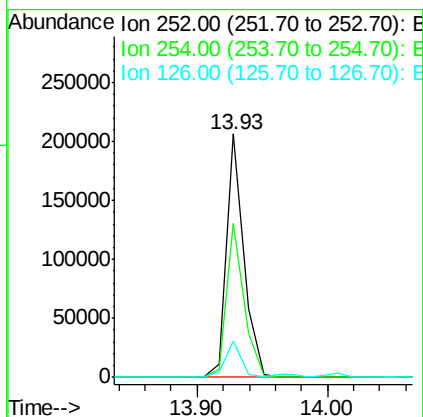
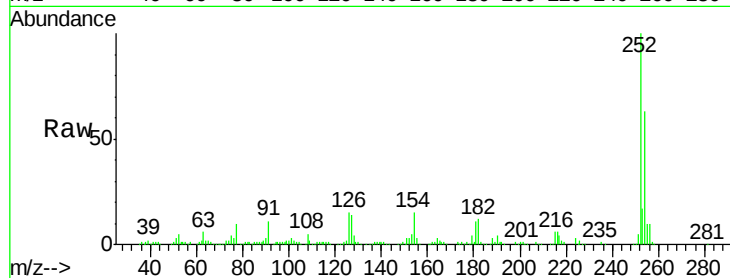




#81
 3,3'-Dichlorobenzidine
 Concen: 19.62 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

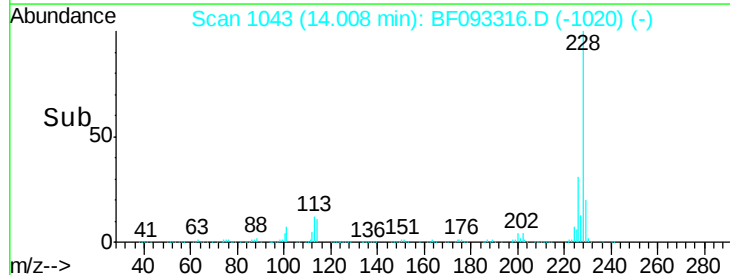
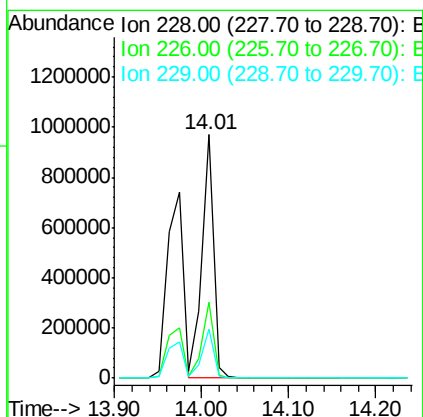
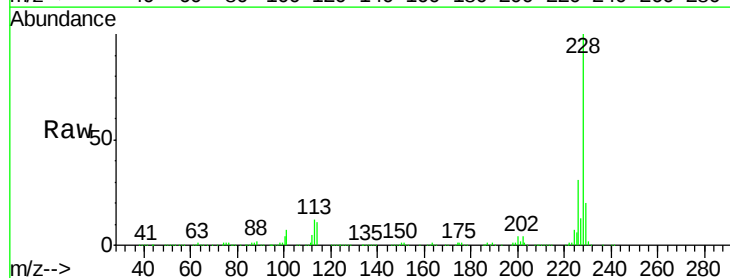
Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

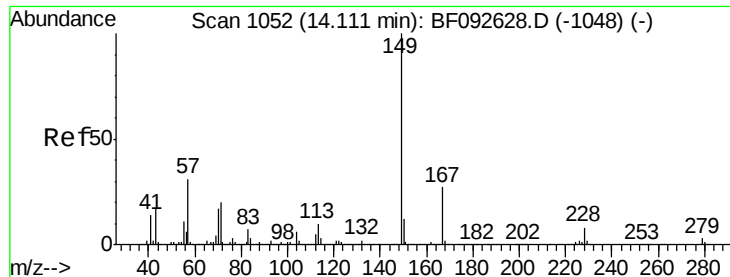
Tgt Ion:252 Resp: 192263
 Ion Ratio Lower Upper
 252 100
 254 63.5 52.3 78.5
 126 14.8 13.6 20.4



#82
 Chrysene
 Concen: 34.48 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion:228 Resp: 887539
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.0 16.2 24.2

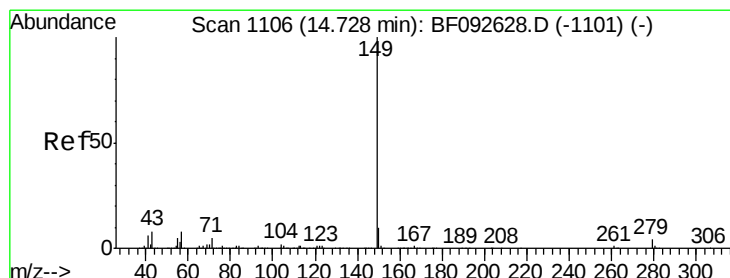
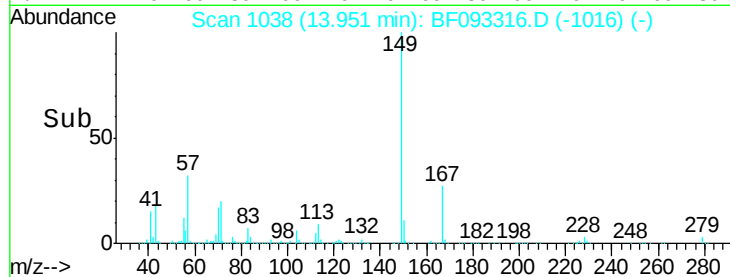
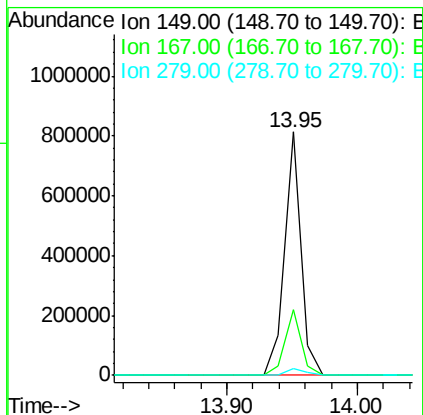
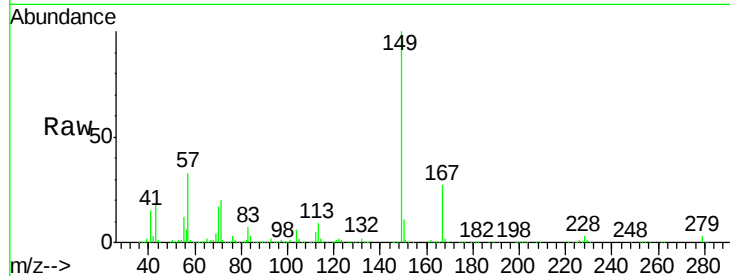




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.57 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

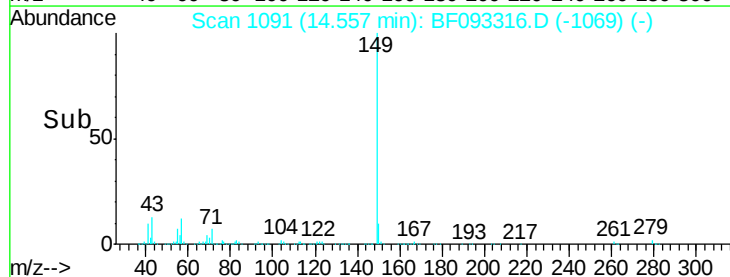
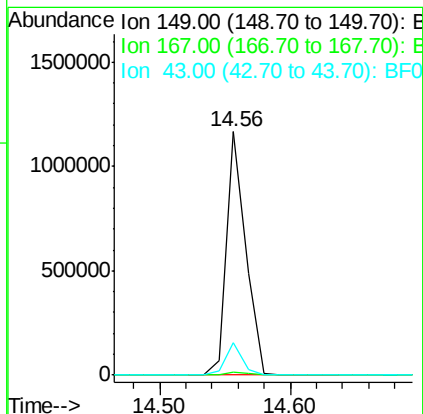
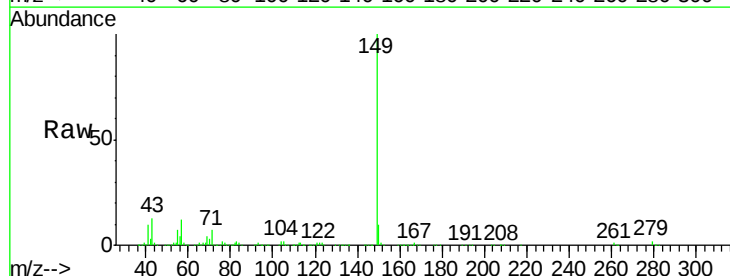
Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

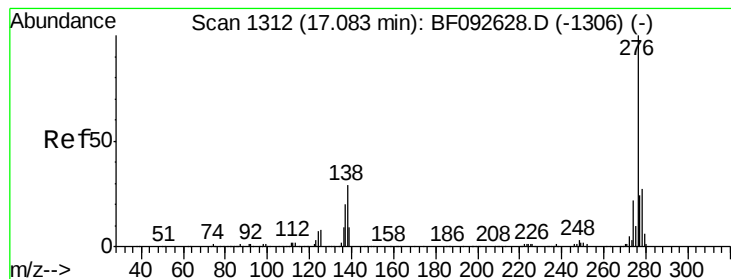
Tgt Ion:149 Resp: 720495
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.2 30.4
 279 2.6 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 39.08 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.05 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Tgt Ion:149 Resp: 1188733
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.9 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.81 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.06 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

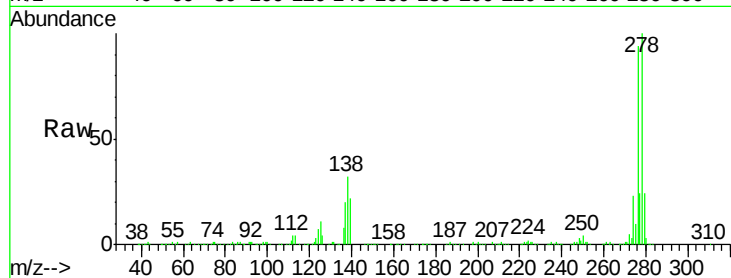
Tgt Ion:276 Resp: 753843

Ion Ratio Lower Upper

276 100

138 32.5 21.8 32.6

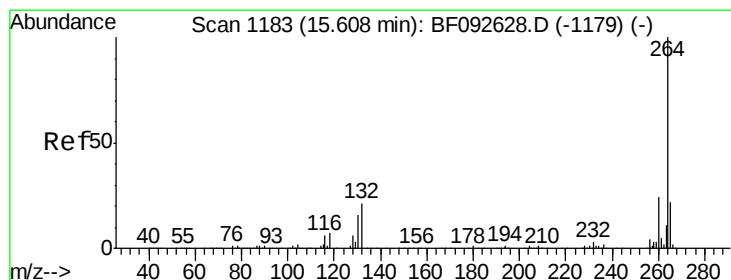
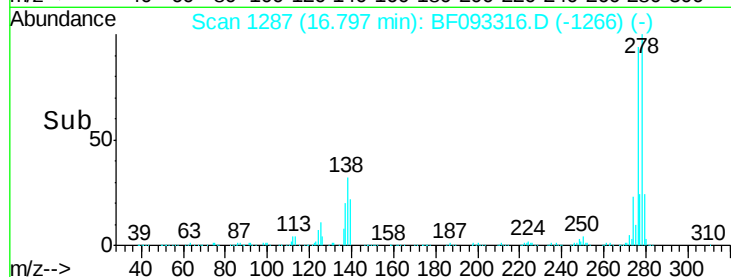
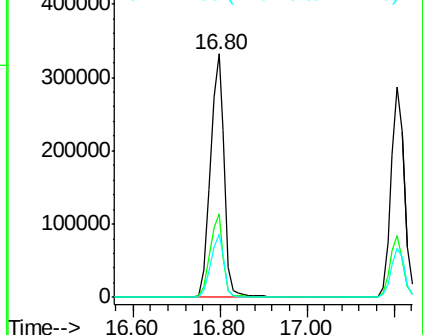
277 25.1 20.2 30.4



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: 15.40 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

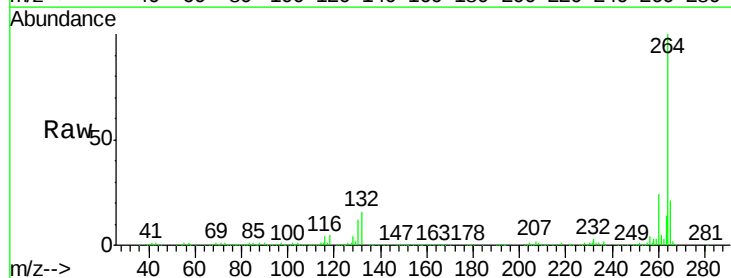
Tgt Ion:264 Resp: 393040

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

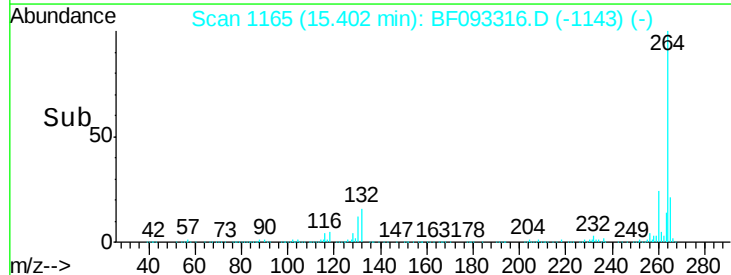
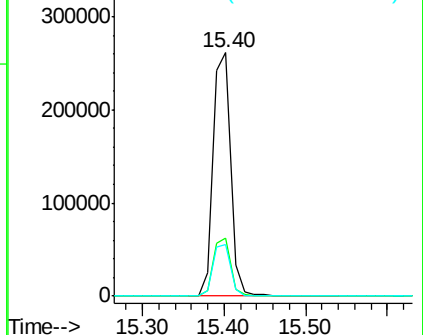
265 21.1 17.4 26.0

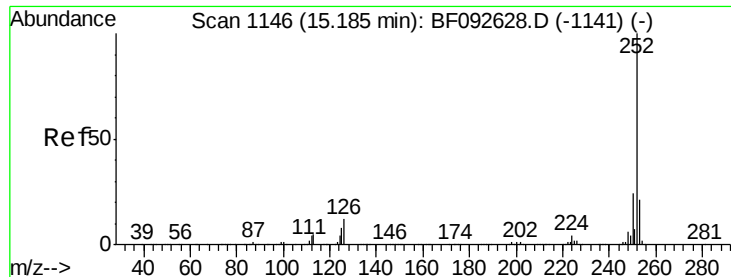


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

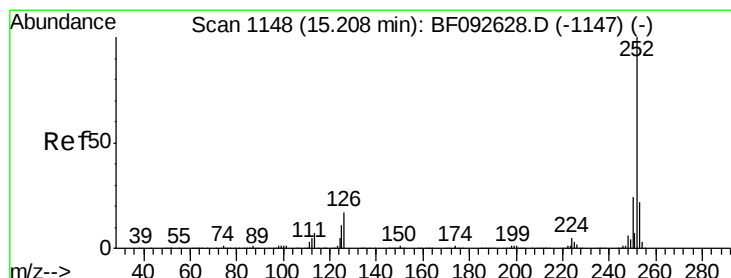
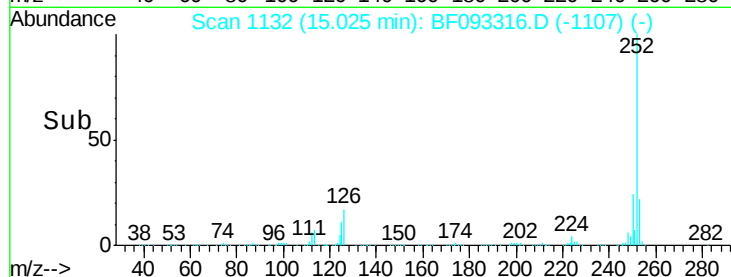
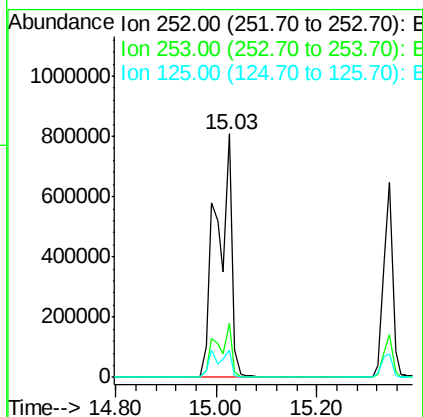
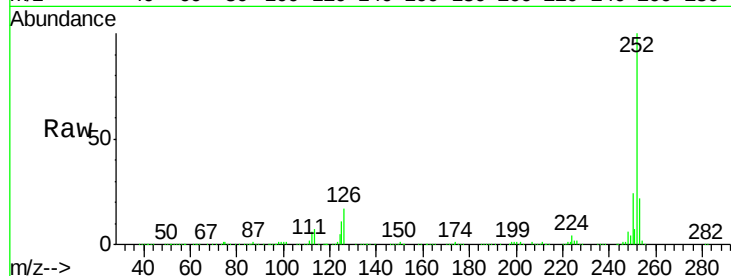




#87
Benzo(b)fluoranthene
Concen: 66.07 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

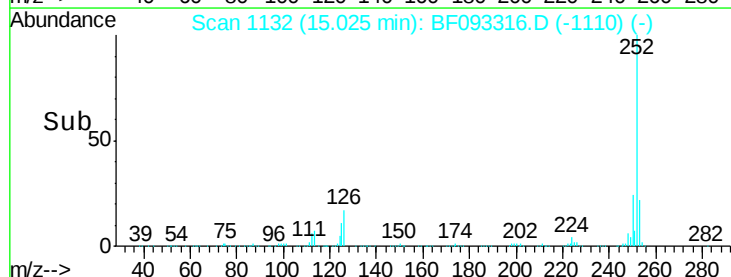
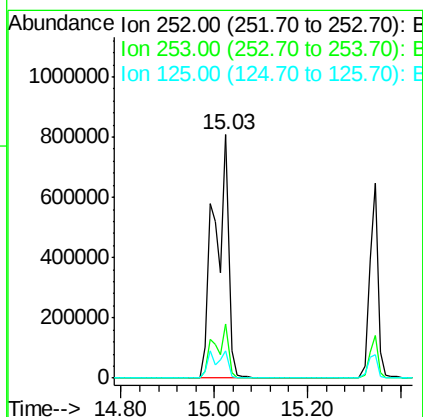
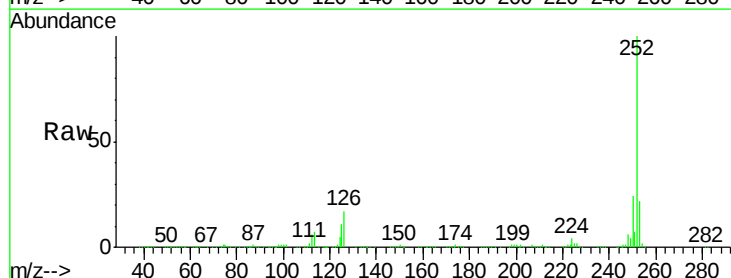
Instrument :
BNA_F
ClientSampleId :
PB97255BS

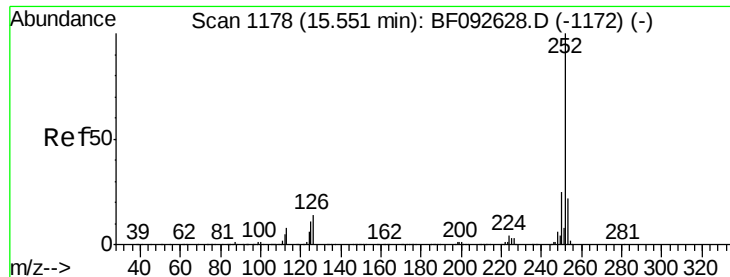
Tgt Ion:252 Resp: 1709101
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 76.53 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093316.D
Acq: 2 Mar 2017 11:56

Tgt Ion:252 Resp: 1709404
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 11.1 8.9 13.3





#89

Benzo(a)pyrene

Concen: 36.71 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

Instrument :

BNA_F

ClientSampleId :

PB97255BS

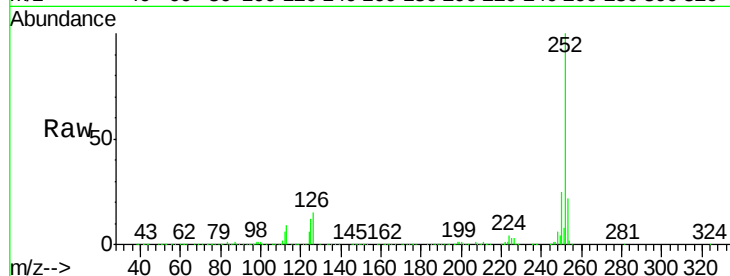
Tgt Ion:252 Resp: 821531

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

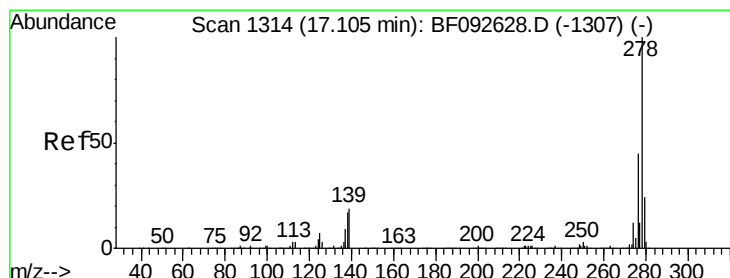
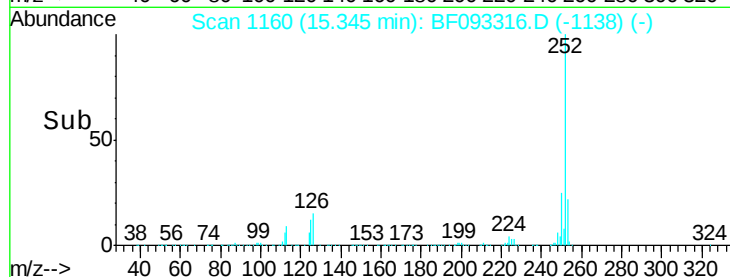
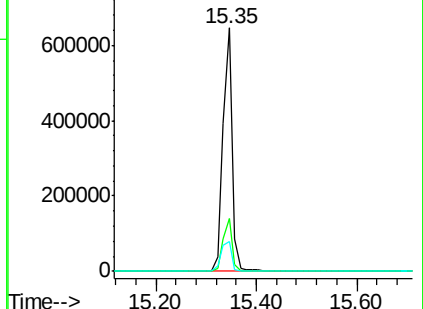
125 12.2 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.09 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF093316.D

Acq: 2 Mar 2017 11:56

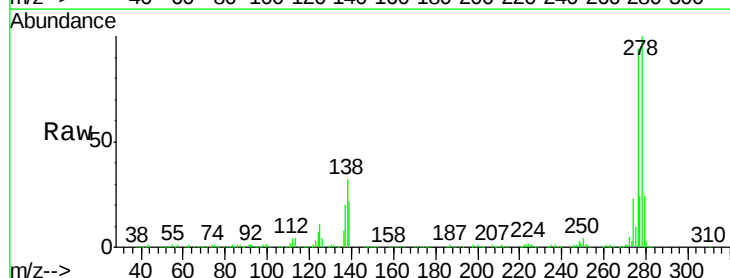
Tgt Ion:278 Resp: 634692

Ion Ratio Lower Upper

278 100

139 22.2 14.8 22.2

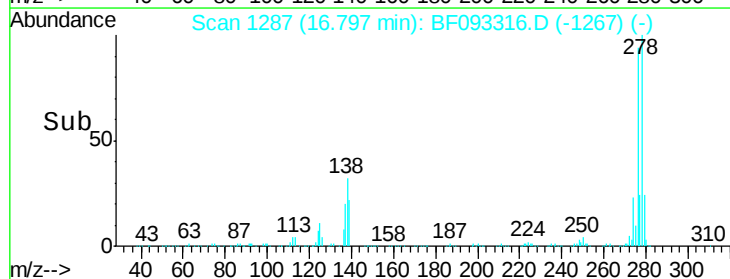
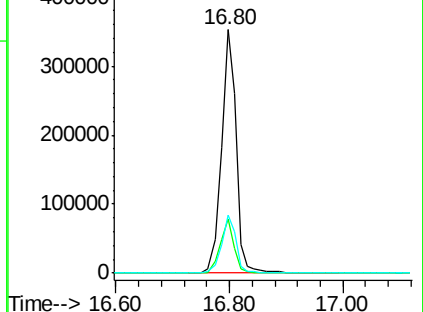
279 23.8 19.8 29.6

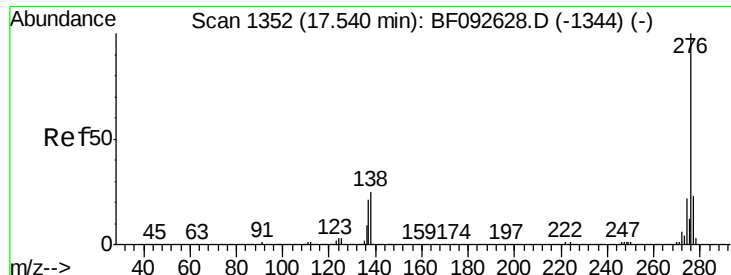


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 34.16 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.08 min
 Lab File: BF093316.D
 Acq: 2 Mar 2017 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	29.2	16.0	24.0

