

Data File : BF093018.D
Acq On : 17 Feb 2017 18:47
Operator : SJ/MA
Sample : I1879-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-3MS

Quant Time: Feb 17 22:15:10 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	6.85	152	162728	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	664708	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	317195	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	573980	20.00	ng	0.00
75) Chrysene-d12	14.02	240	487506	20.00	ng	0.00
86) Perylene-d12	15.45	264	359522	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1446980	152.55	ng	0.01
7) Phenol-d6	6.51	99	1933675	158.44	ng	0.02
23) Nitrobenzene-d5	7.42	82	1160082	97.19	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	392064	170.90	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1644662	93.94	ng	0.00
78) Terphenyl-d14	12.97	244	1592125	76.74	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	194889	38.03	ng	# 84
3) Pyridine	3.22	79	333554	25.59	ng	# 84
4) n-Nitrosodimethylamine	3.17	42	283828	46.38	ng	88
6) Aniline	6.52	93	297441	17.87	ng	# 32
8) 2-Chlorophenol	6.65	128	501778	47.95	ng	95
9) Benzaldehyde	6.40	77	108421	12.40	ng	87
10) Phenol	6.52	94	792091	55.47	ng	# 75
11) bis(2-Chloroethyl)ether	6.60	93	527401	46.28	ng	99
12) 1,3-Dichlorobenzene	6.88	146	565064	46.10	ng	96
13) 1,4-Dichlorobenzene	6.88	146	565064	45.55	ng	95
14) 1,2-Dichlorobenzene	7.02	146	472502	39.83	ng	98
15) Benzyl Alcohol	7.00	79	392089	43.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	835505	42.20	ng	94
17) 2-Methylphenol	7.13	107	447776	49.88	ng	97
18) Hexachloroethane	7.37	117	183096	43.24	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	343597	44.23	ng	95
20) 3+4-Methylphenols	7.28	107	471792	43.96	ng	90
22) Acetophenone	7.28	105	653197	43.04	ng	# 92
24) Nitrobenzene	7.45	77	590163	48.15	ng	94
25) Isophorone	7.69	82	1031866	46.39	ng	98
26) 2-Nitrophenol	7.76	139	282644	48.51	ng	92
27) 2,4-Dimethylphenol	7.80	122	440795	43.08	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	601862	40.86	ng	99
29) 2,4-Dichlorophenol	8.01	162	458839	48.08	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	460166	44.75	ng	97
31) Naphthalene	8.17	128	1444321	42.86	ng	99
32) Benzoic acid	7.93	122	162387	30.99	ng	96
33) 4-Chloroaniline	8.21	127	134345	10.17	ng	96
34) Hexachlorobutadiene	8.28	225	236093	41.73	ng	98
35) Caprolactam	8.59	113	89599	29.85	ng	# 30
36) 4-Chloro-3-methylphenol	8.70	107	471028	47.34	ng	100
37) 2-Methylnaphthalene	8.85	142	902989	41.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	437120	49.09	ng	100
40) Hexachlorocyclopentadiene	9.00	237	320291	79.73	ng	96

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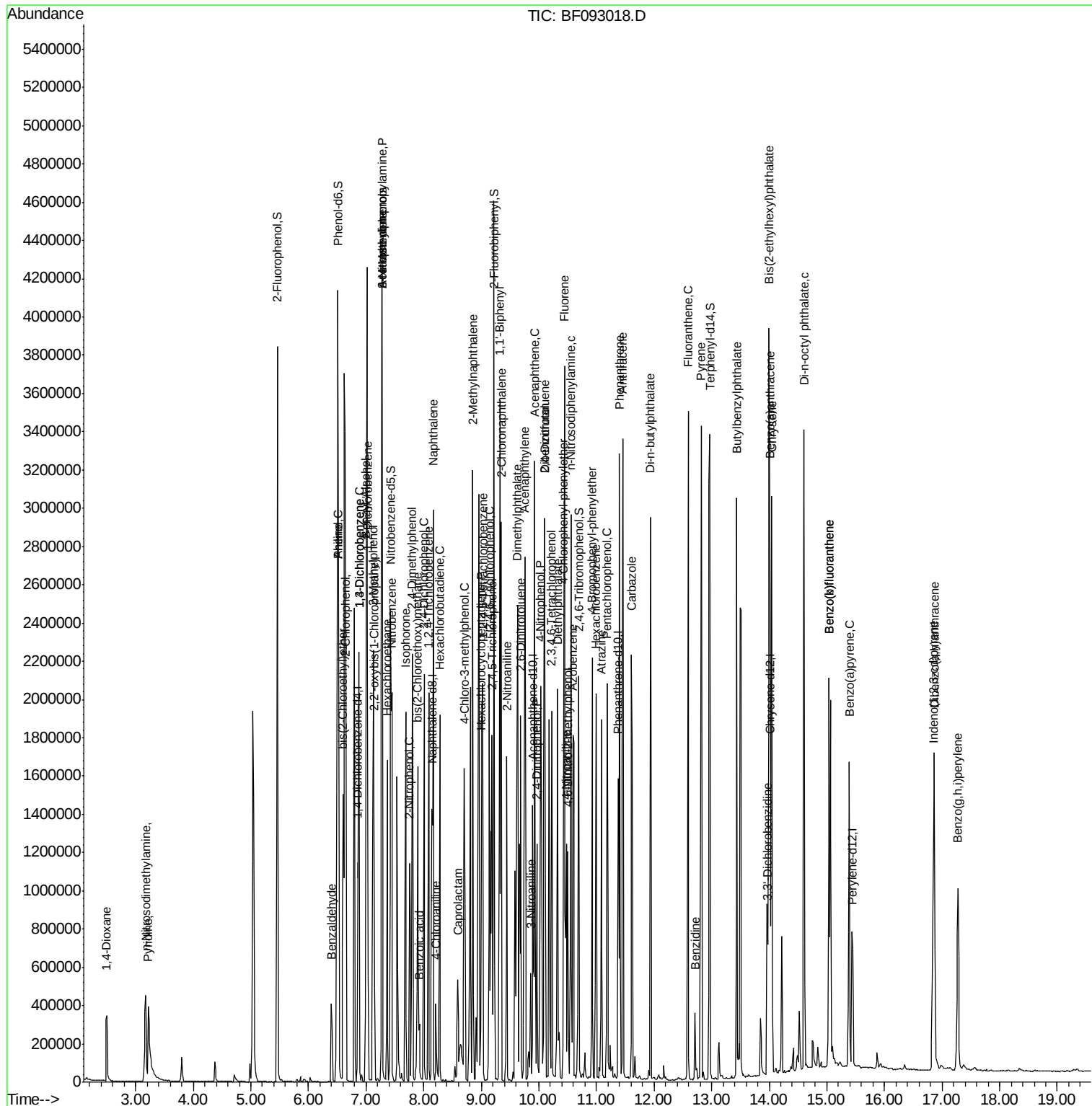
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	320371	54.76	ng	93
43) 2,4,5-Trichlorophenol	9.18	196	307691	48.00	ng #	88
45) 1,1'-Biphenyl	9.32	154	1183964	51.55	ng	98
46) 2-Chloronaphthalene	9.34	162	885866	49.30	ng	97
47) 2-Nitroaniline	9.45	65	339855	56.26	ng #	85
48) Acenaphthylene	9.76	152	1351452	43.54	ng	99
49) Dimethylphthalate	9.63	163	1445692	67.67	ng	100
50) 2,6-Dinitrotoluene	9.69	165	224950	48.75	ng #	82
51) Acenaphthene	9.93	154	874811	47.14	ng	96
52) 3-Nitroaniline	9.86	138	138709	26.27	ng #	75
53) 2,4-Dinitrophenol	9.96	184	188377	80.24	ng #	57
54) Dibenzofuran	10.10	168	1150236	46.34	ng	98
55) 4-Nitrophenol	10.03	139	328771	86.45	ng	93
56) 2,4-Dinitrotoluene	10.10	165	308221	50.18	ng #	81
57) Fluorene	10.44	166	849321	44.48	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	246330	57.60	ng	97
59) Diethylphthalate	10.33	149	1052885	52.29	ng	94
60) 4-Chlorophenyl-phenylether	10.43	204	417264	45.48	ng	98
61) 4-Nitroaniline	10.48	138	264676	48.94	ng	88
62) Azobenzene	10.59	77	1130660	54.35	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	150516	43.36	ng #	46
65) n-Nitrosodiphenylamine	10.56	169	778443	42.45	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	250230	41.73	ng	95
67) Hexachlorobenzene	10.99	284	249666	42.13	ng #	88
68) Atrazine	11.08	200	256390	43.57	ng	100
69) Pentachlorophenol	11.18	266	274823	88.95	ng	96
70) Phenanthrene	11.40	178	1289555	39.21	ng	99
71) Anthracene	11.46	178	1514757	45.87	ng	98
72) Carbazole	11.61	167	1287445	40.78	ng	99
73) Di-n-butylphthalate	11.94	149	1467432	42.98	ng #	98
74) Fluoranthene	12.59	202	1406703	41.47	ng	97
76) Benzidine	12.72	184	211732	10.19	ng	95
77) Pyrene	12.82	202	1406161	38.54	ng	99
79) Butylbenzylphthalate	13.44	149	708551	47.83	ng	89
80) Benzo(a)anthracene	14.01	228	1106504	37.11	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	250852	23.60	ng #	94
82) Chrysene	14.04	228	1030498	36.91	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	929579	45.88	ng #	96
84) Di-n-octyl phthalate	14.60	149	1536541	46.57	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	878888	40.64	ng #	94
87) Benzo(b)fluoranthene	15.04	252	1959221	82.79	ng	98
88) Benzo(k)fluoranthene	15.04	252	1959675	95.91	ng	98
89) Benzo(a)pyrene	15.39	252	923459	45.11	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	741441	44.82	ng	96
91) Benzo(g,h,i)perylene	17.28	276	757976	45.35	ng #	91

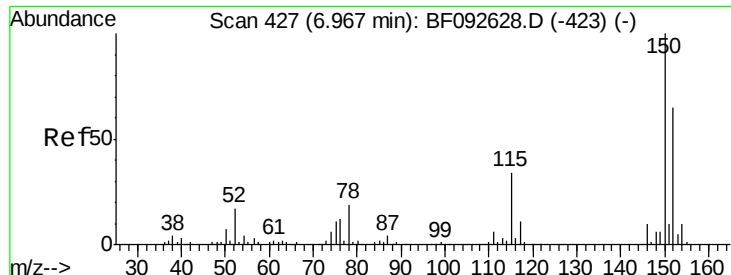
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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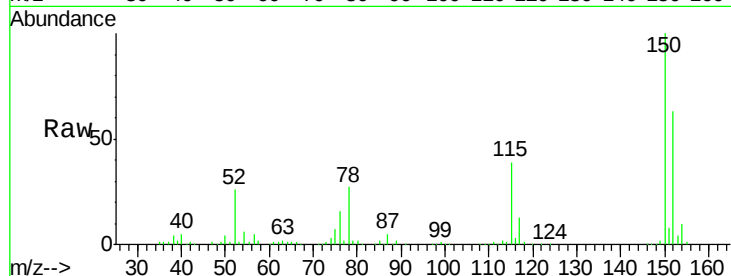




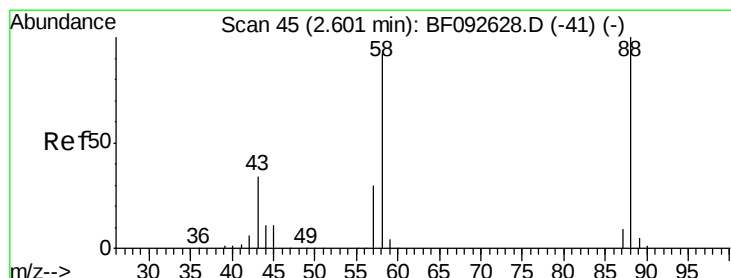
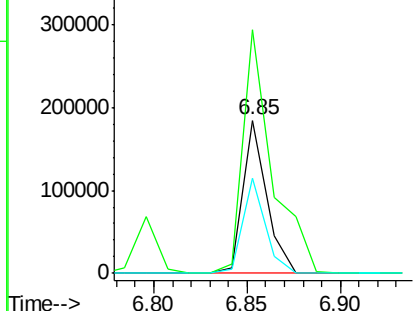
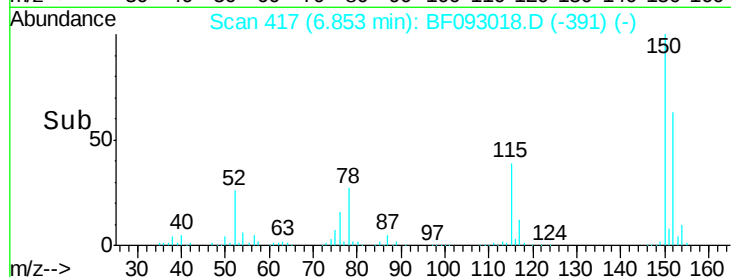
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion:152 Resp: 162728
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.9 187.3
 115 62.7 46.0 69.0

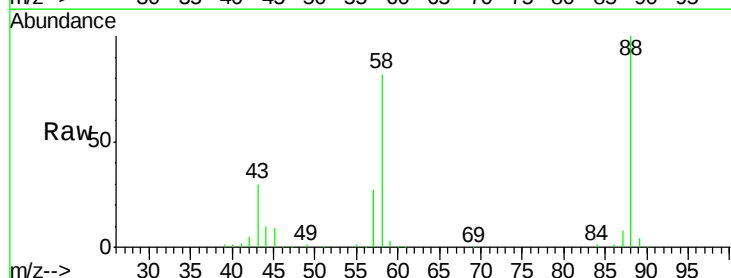


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

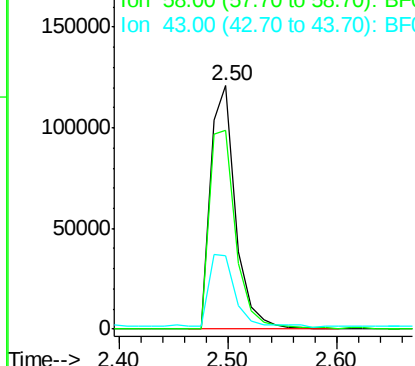
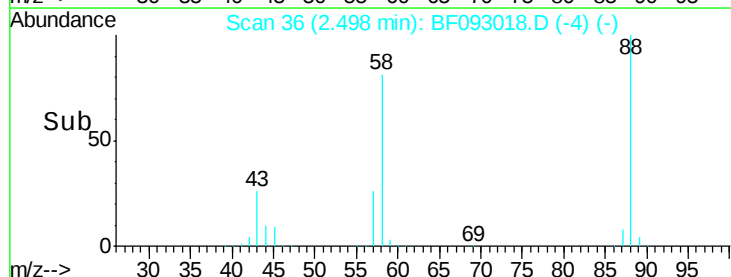


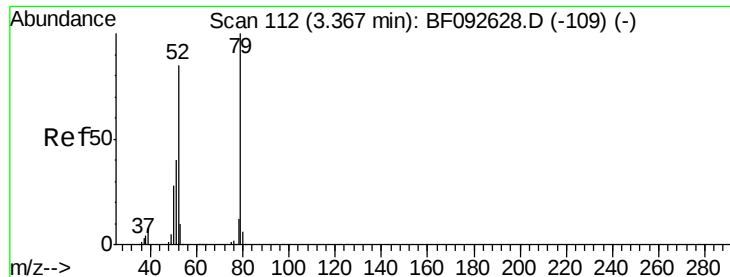
#2
 1,4-Dioxane
 Concen: 38.03 ng
 RT: 2.50 min Scan# 36
 Delta R.T. 0.07 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion: 88 Resp: 194889
 Ion Ratio Lower Upper
 88 100
 58 88.4 57.8 86.8#
 43 31.9 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 25.59 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.07 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

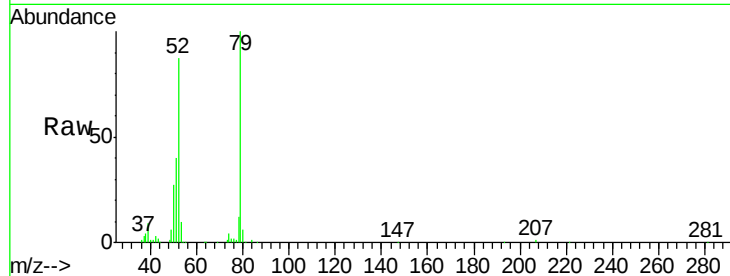
Tgt Ion: 79 Resp: 333554

Ion Ratio Lower Upper

79 100

52 87.2 57.1 85.7#

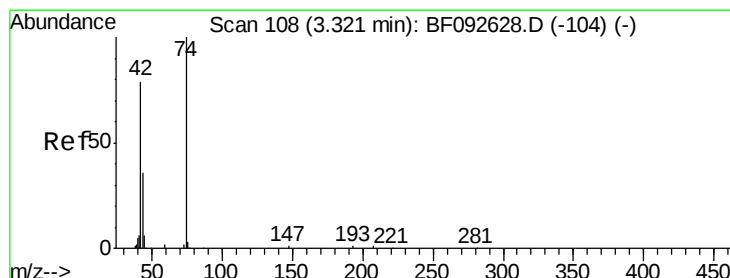
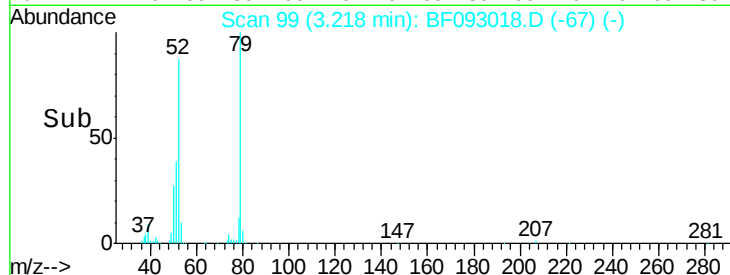
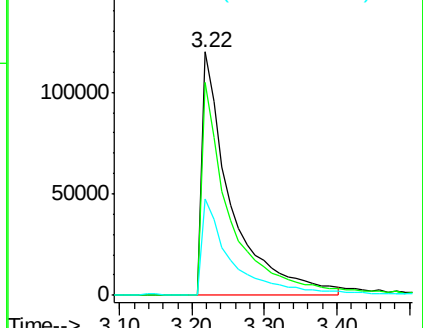
51 39.6 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 46.38 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.07 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

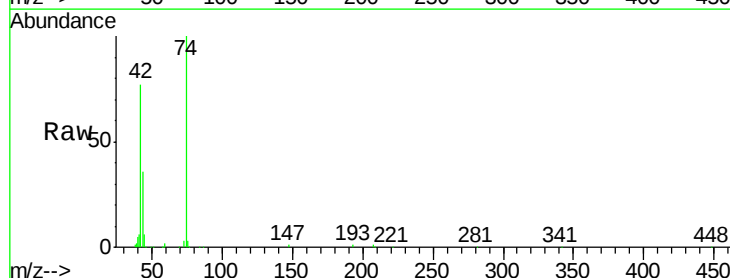
Tgt Ion: 42 Resp: 283828

Ion Ratio Lower Upper

42 100

74 130.0 117.0 175.4

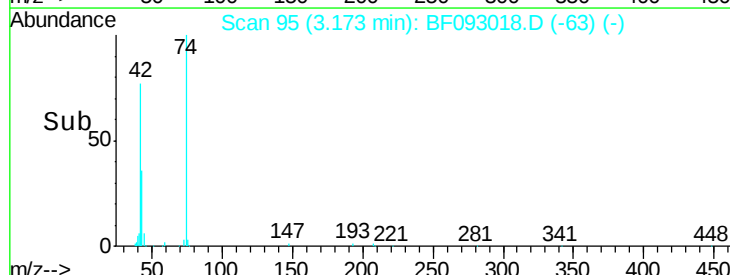
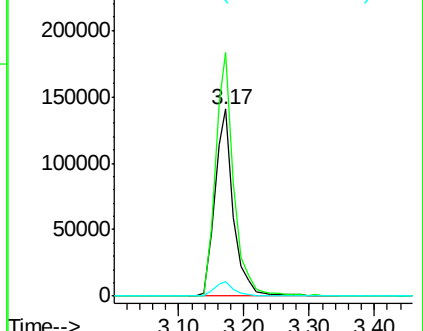
44 7.5 5.5 8.3

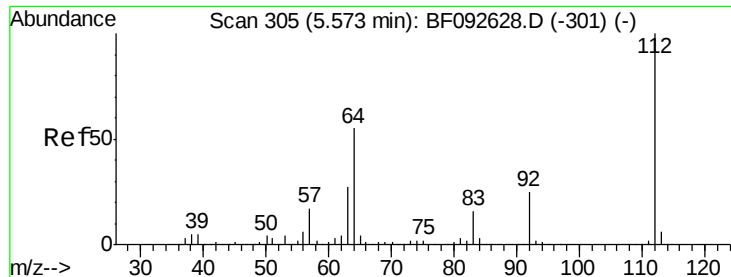


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 152.55 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

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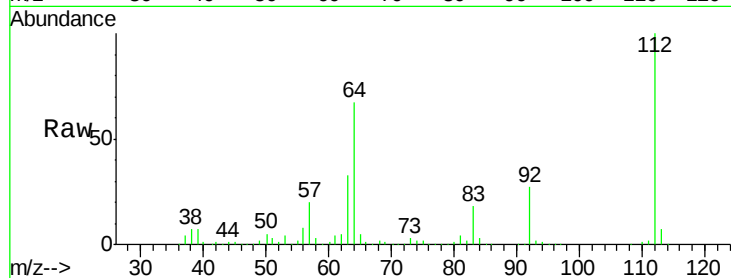
Tgt Ion: 112 Resp: 1446980

Ion Ratio Lower Upper

112 100

64 66.8 46.1 69.1

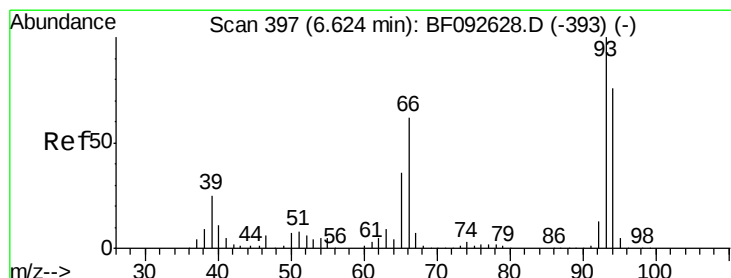
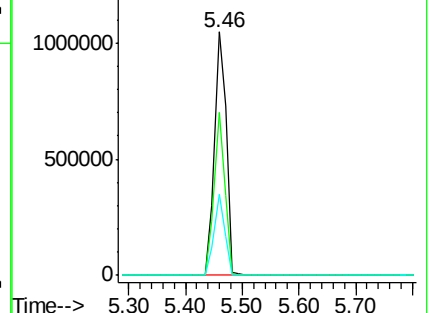
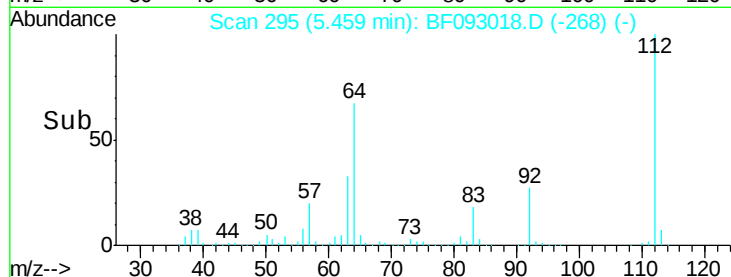
63 33.1 23.8 35.6



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: 17.87 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

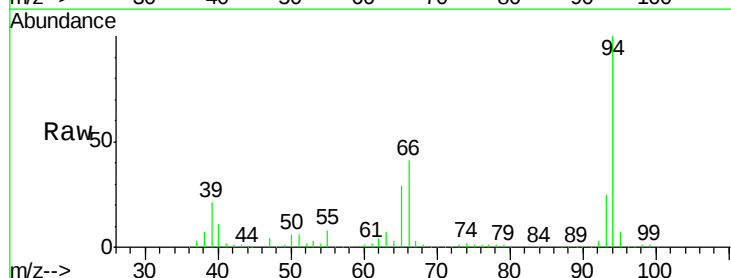
Tgt Ion: 93 Resp: 297441

Ion Ratio Lower Upper

93 100

66 162.2 76.2 114.2#

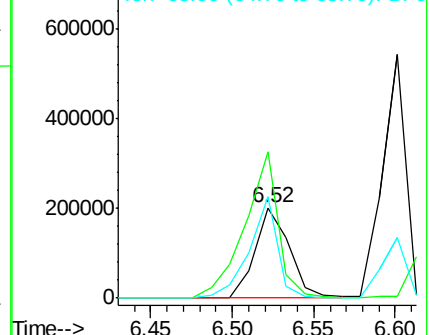
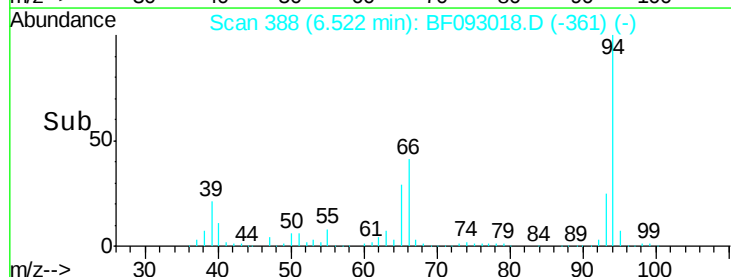
65 112.9 49.3 73.9#

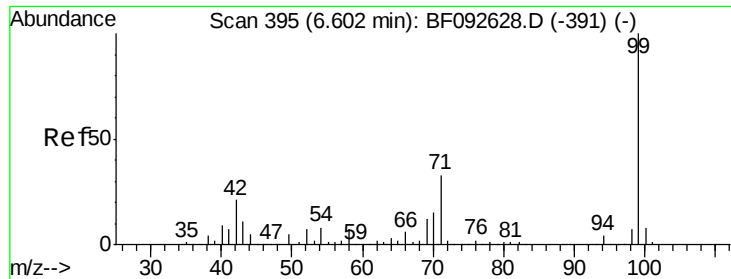


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 158.44 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.02 min

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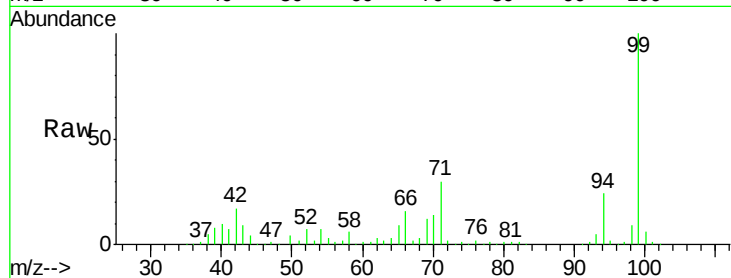
Tgt Ion: 99 Resp: 1933675

Ion Ratio Lower Upper

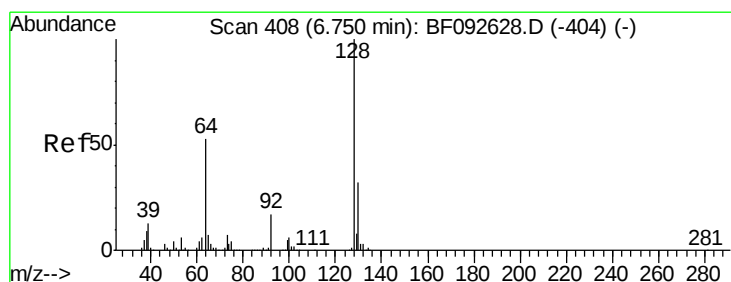
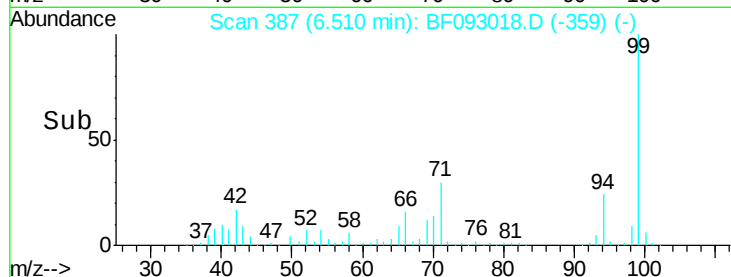
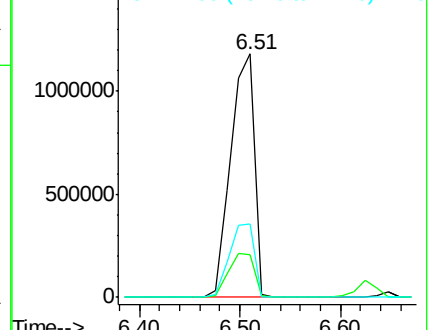
99 100

42 17.4 15.6 23.4

71 30.3 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: 47.95 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

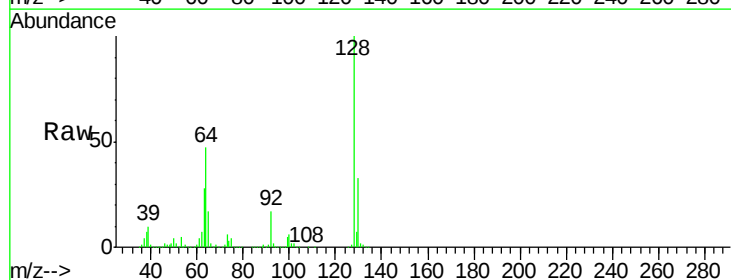
Tgt Ion: 128 Resp: 501778

Ion Ratio Lower Upper

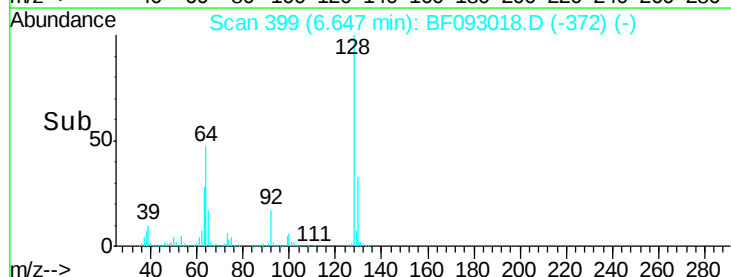
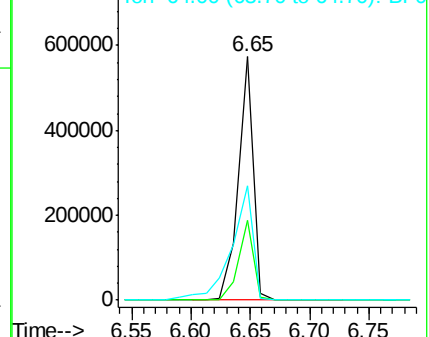
128 100

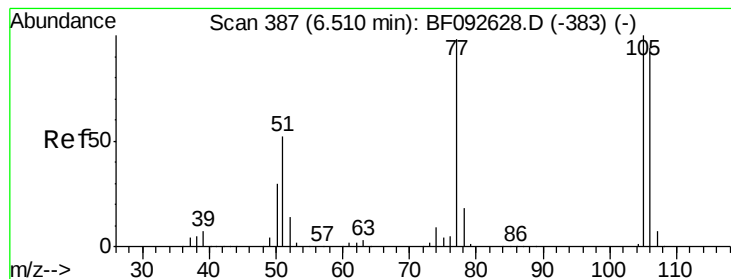
130 32.9 12.3 52.3

64 47.0 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: 12.40 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

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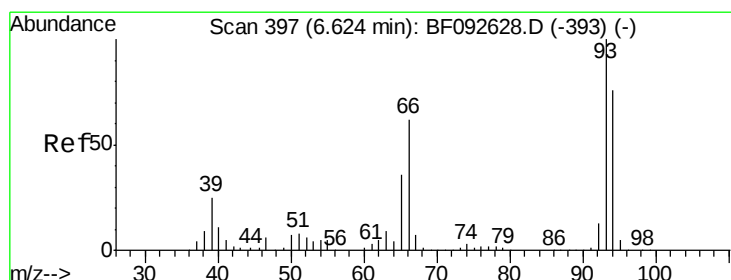
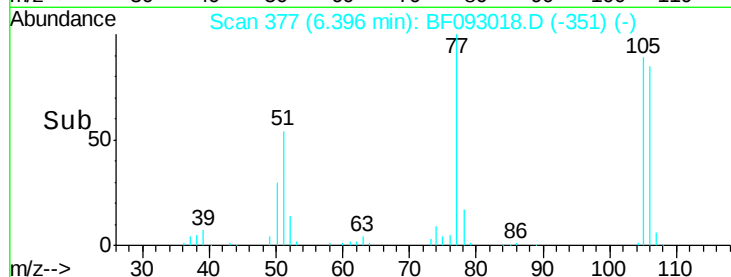
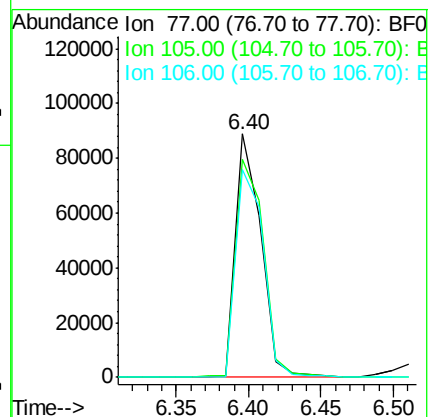
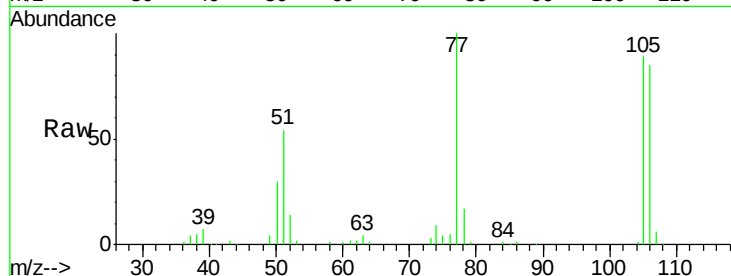
Tgt Ion: 77 Resp: 108421

Ion Ratio Lower Upper

77 100

105 89.3 83.9 123.9

106 85.1 77.6 117.6



#10

Phenol

Concen: 55.47 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

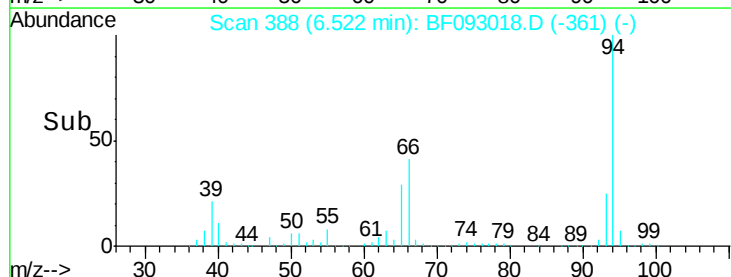
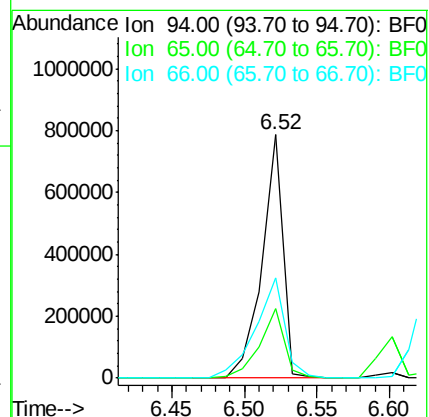
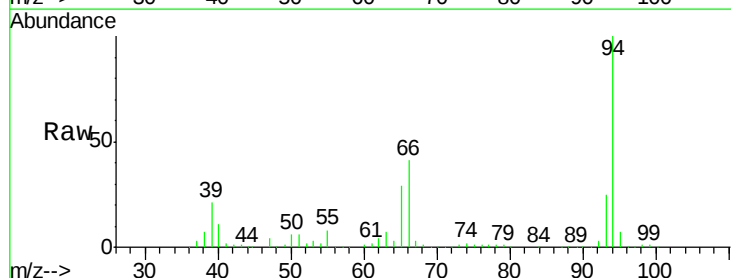
Tgt Ion: 94 Resp: 792091

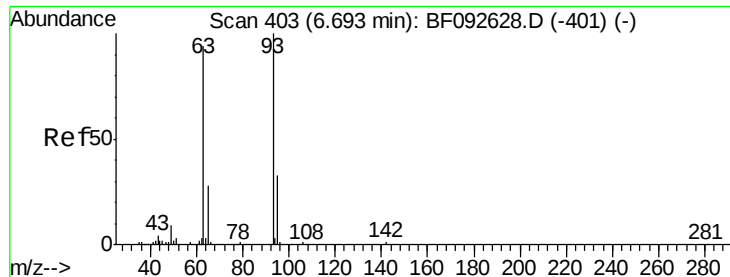
Ion Ratio Lower Upper

94 100

65 28.8 21.4 61.4

66 41.4 44.0 84.0#

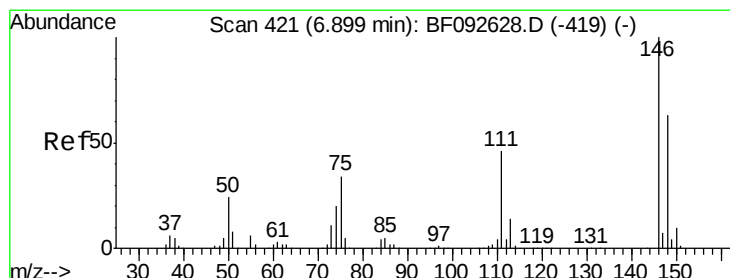
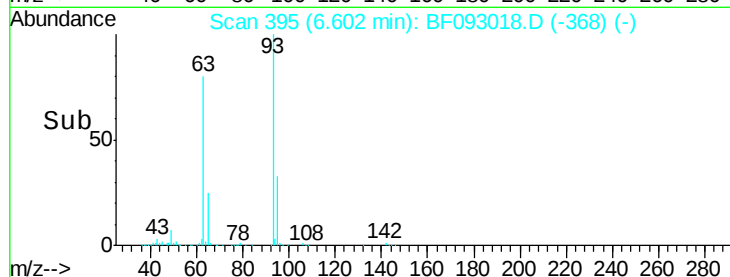
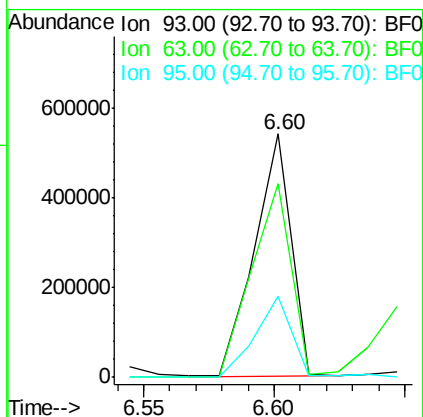
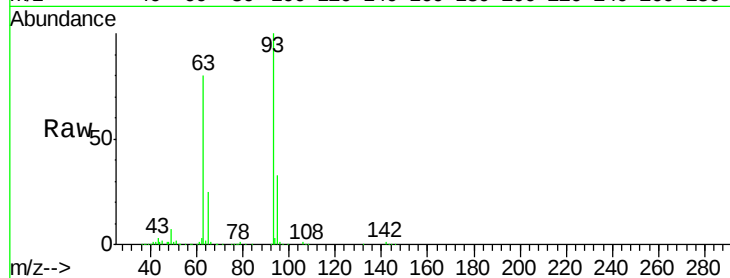




#11
bis(2-Chloroethyl)ether
Concen: 46.28 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.01 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

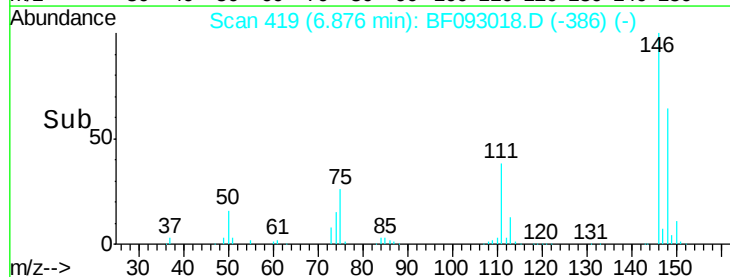
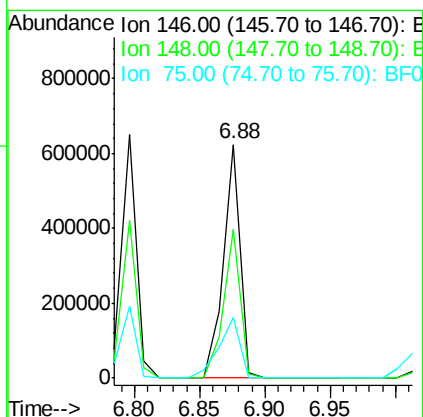
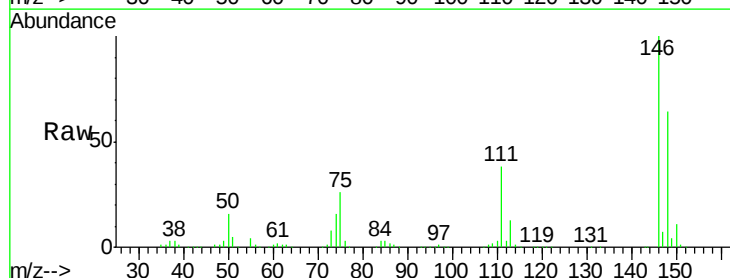
Instrument :
BNA_F
ClientSampleId :
M-3MS

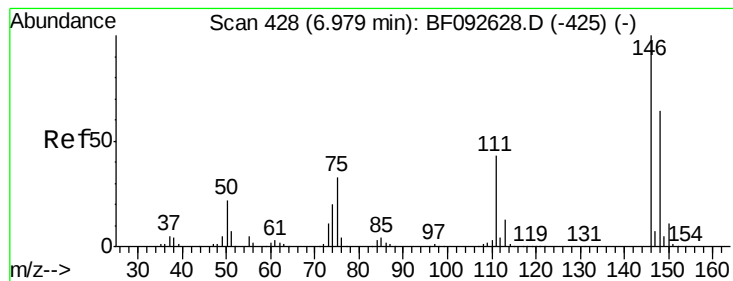
Tgt Ion: 93 Resp: 527401
Ion Ratio Lower Upper
93 100
63 79.8 60.4 100.4
95 33.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.10 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.08 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion: 146 Resp: 565064
Ion Ratio Lower Upper
146 100
148 63.9 53.4 80.0
75 25.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 45.55 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

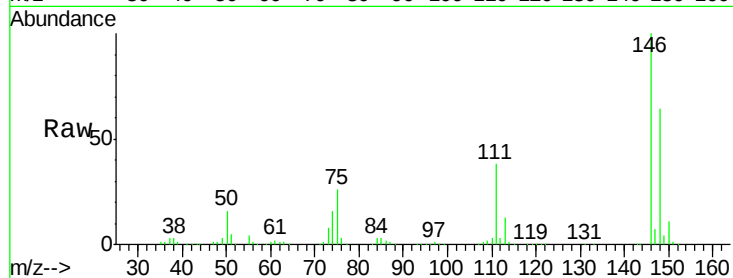
Tgt Ion:146 Resp: 565064

Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

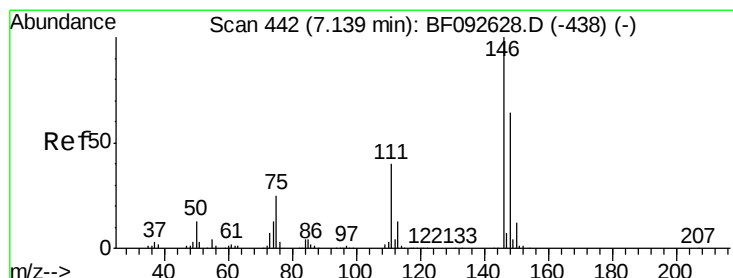
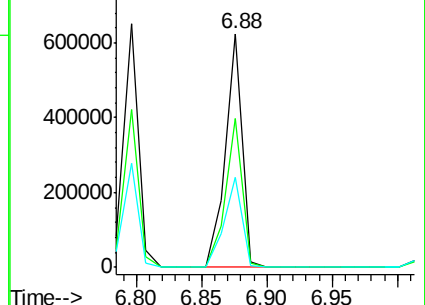
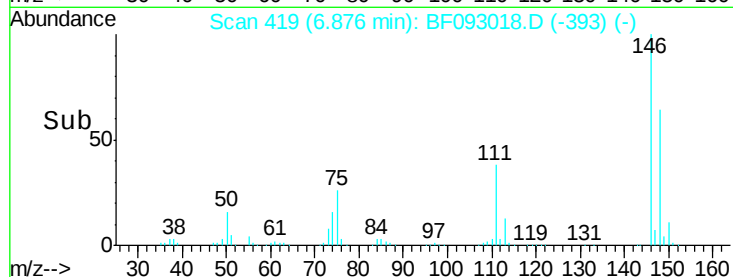
111 38.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.83 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

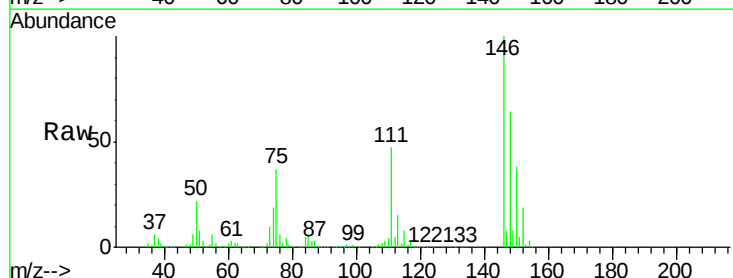
Tgt Ion:146 Resp: 472502

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

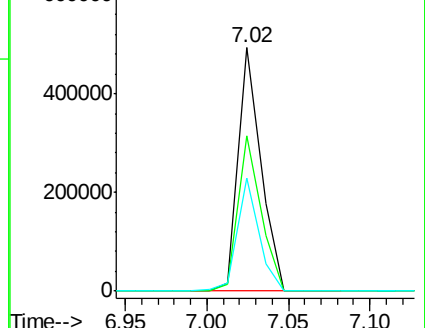
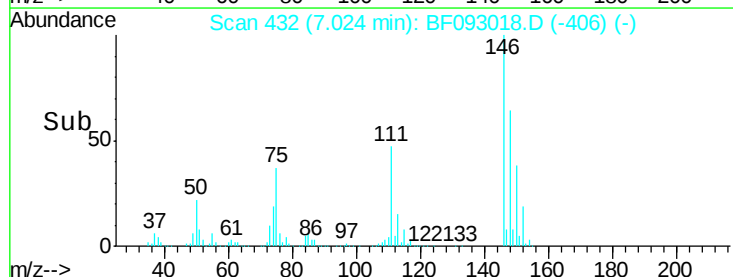
111 46.5 36.2 54.2

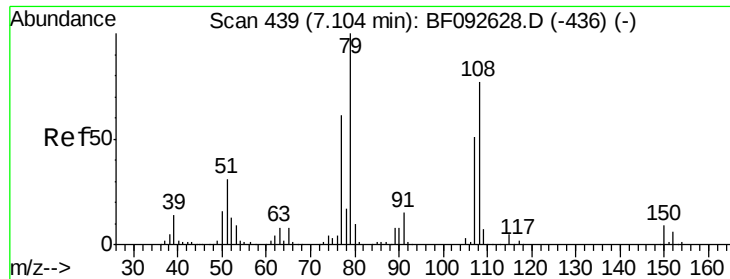


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.40 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampled :

M-3MS

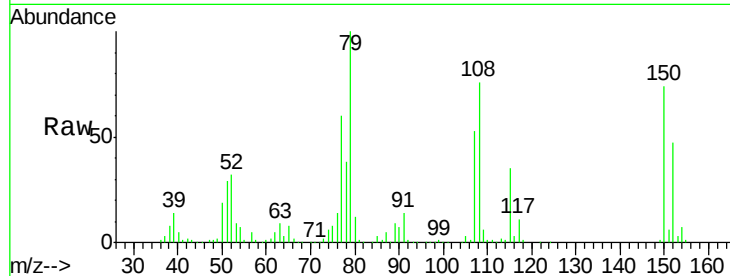
Tgt Ion: 79 Resp: 392089

Ion Ratio Lower Upper

79 100

108 76.0 61.4 92.0

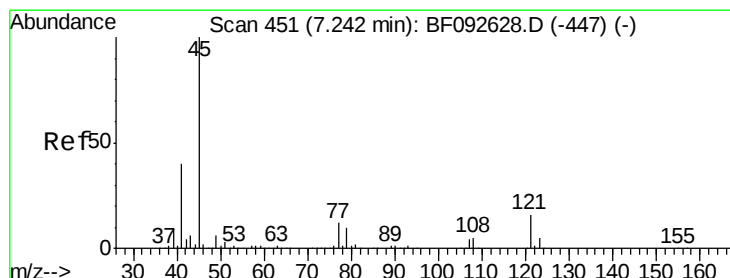
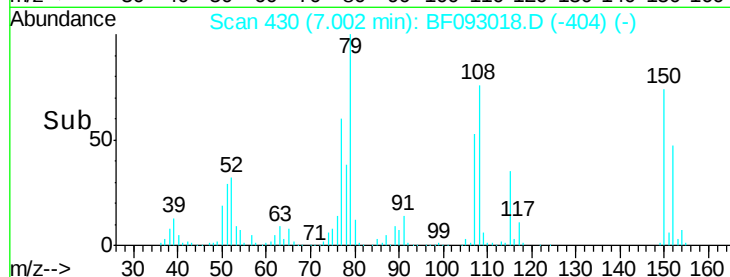
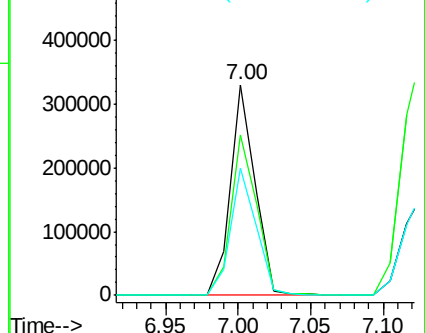
77 60.2 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.20 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

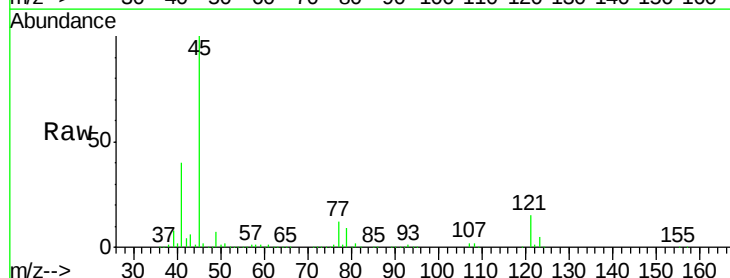
Tgt Ion: 45 Resp: 835505

Ion Ratio Lower Upper

45 100

77 11.5 0.0 34.6

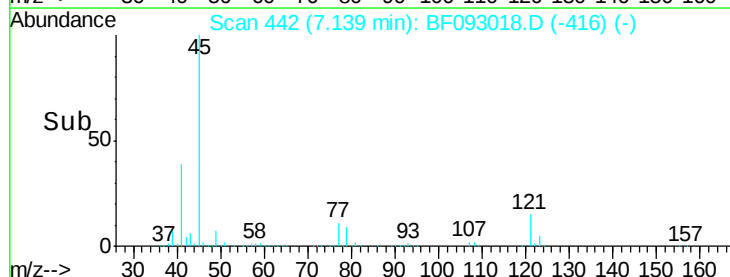
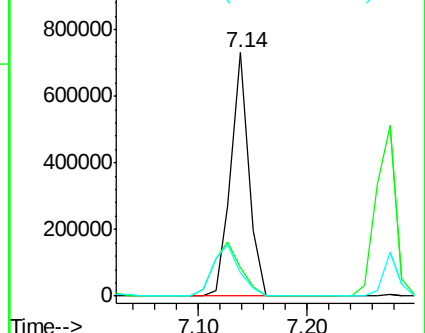
79 9.5 0.0 31.2

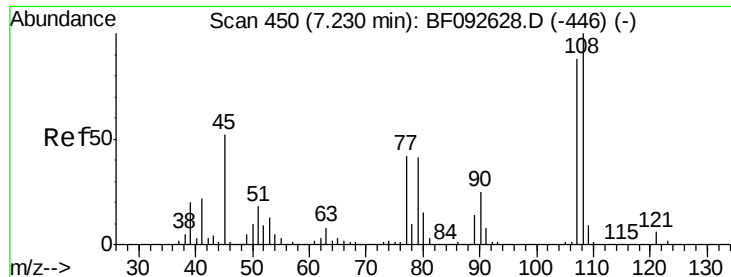


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

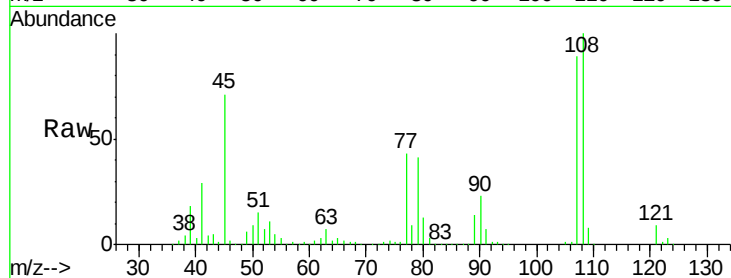




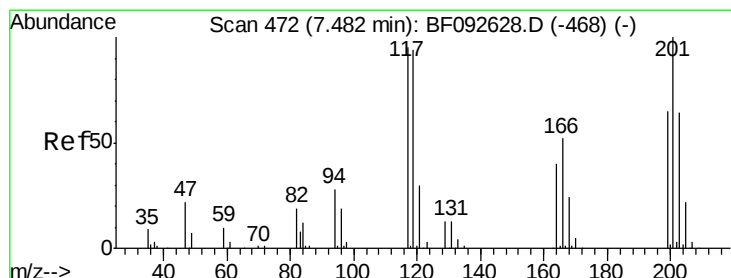
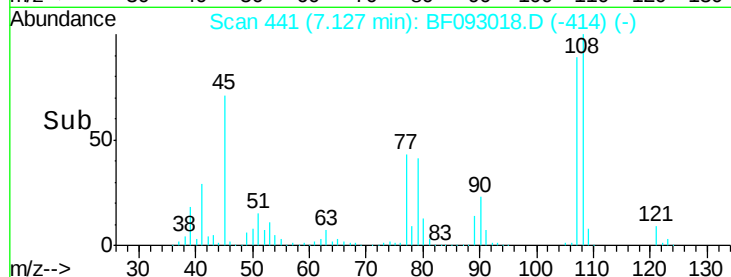
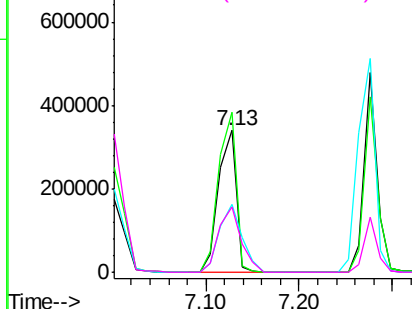
#17
2-Methylphenol
Concen: 49.88 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion:107 Resp: 447776
Ion Ratio Lower Upper
107 100
108 112.7 93.0 139.6
77 48.3 39.8 59.8
79 46.0 38.0 57.0

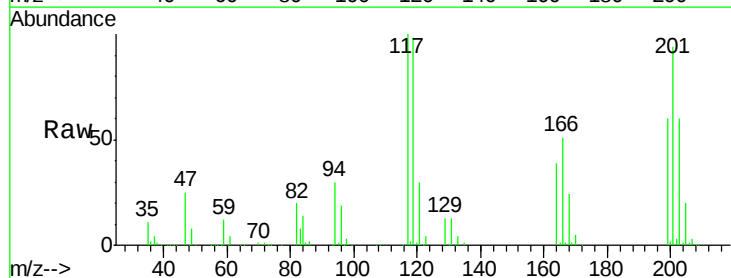


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

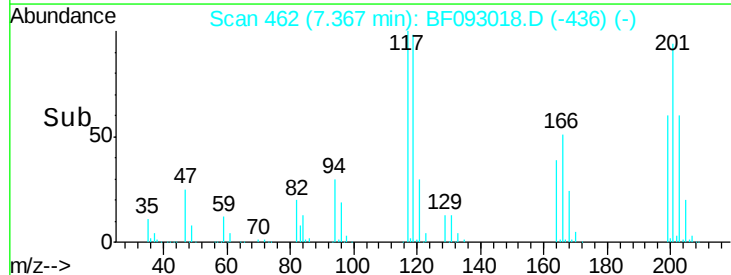
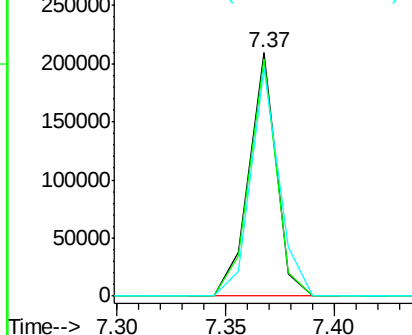


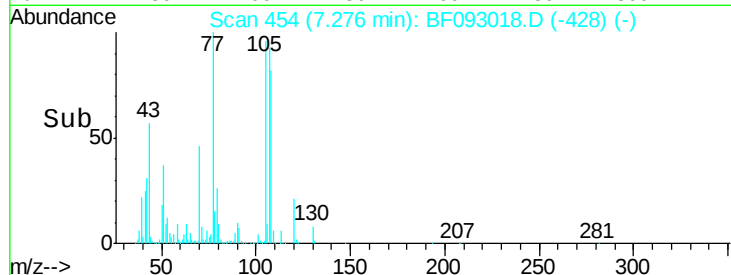
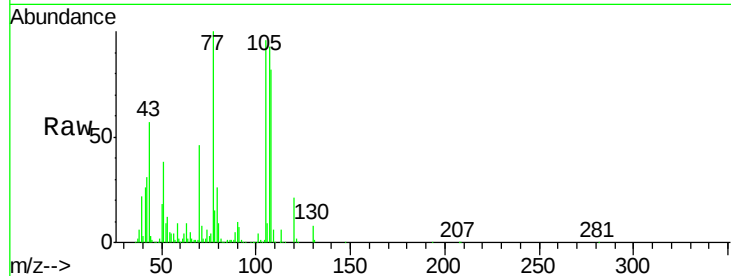
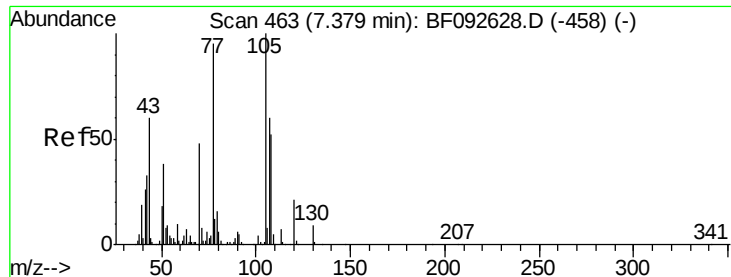
#18
Hexachloroethane
Concen: 43.24 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:117 Resp: 183096
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1
201 93.8 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

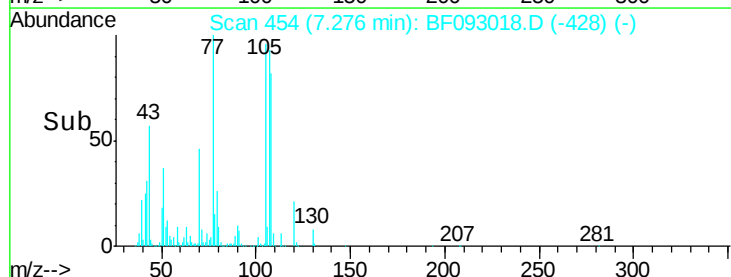
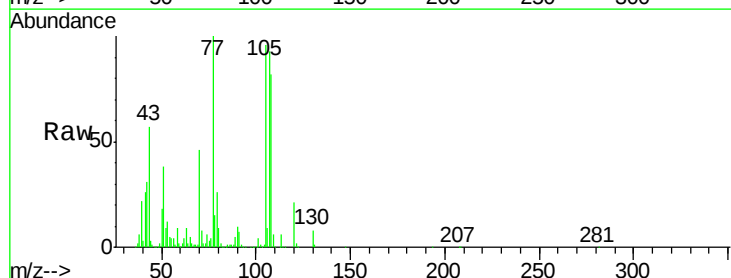
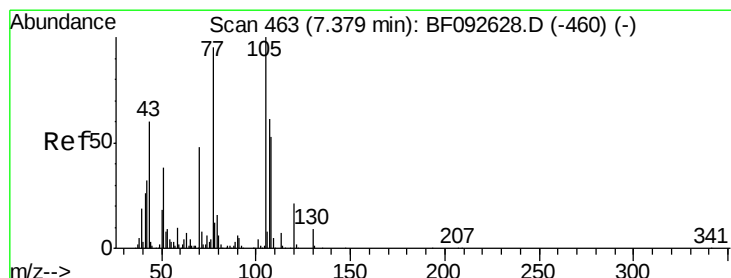
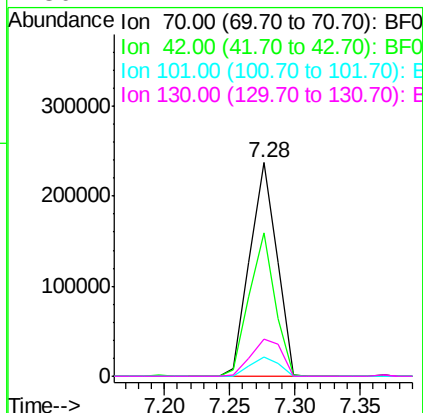




#19
n-Nitroso-di-n-propylamine
Concen: 44.23 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

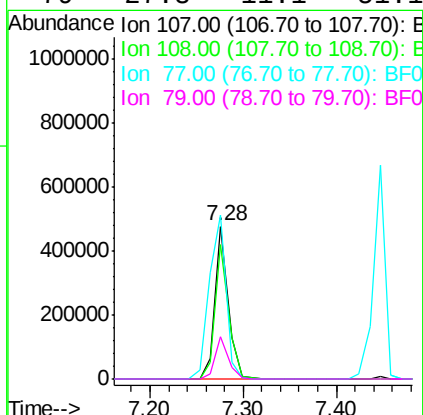
Instrument :
BNA_F
ClientSampleId :
M-3MS

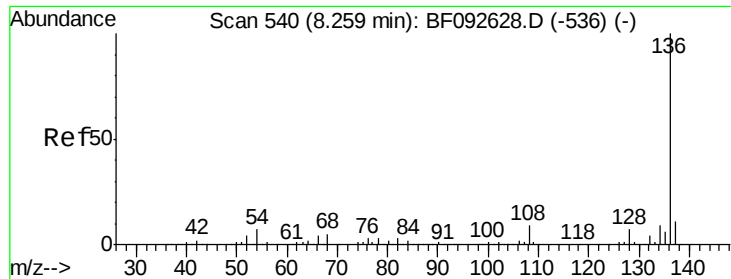
Tgt Ion:	70	Resp:	343597
Ion	Ratio	Lower	Upper
70	100		
42	67.1	49.4	74.0
101	8.8	7.4	11.2
130	17.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 43.96 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:	107	Resp:	471792
Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.0	113.0
77	107.2	71.3	111.3
79	27.8	11.1	51.1

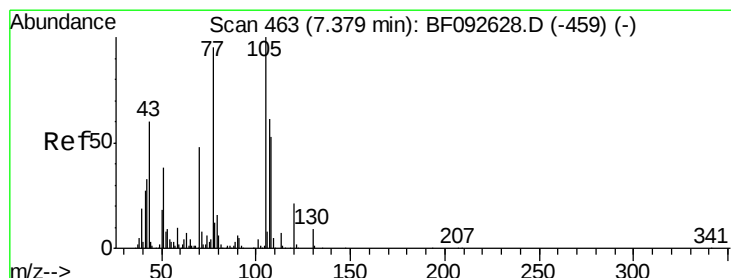
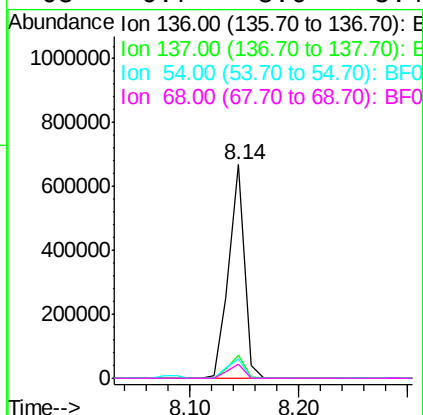
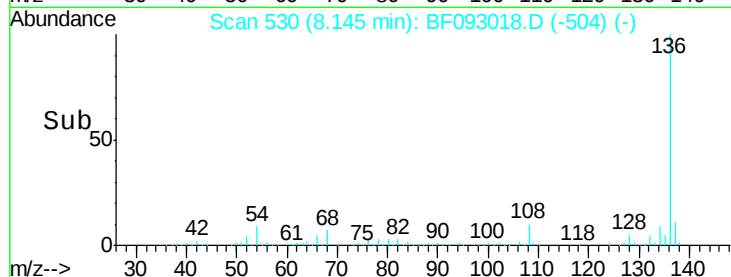
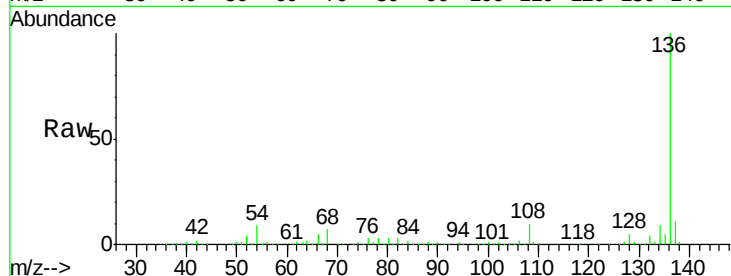




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

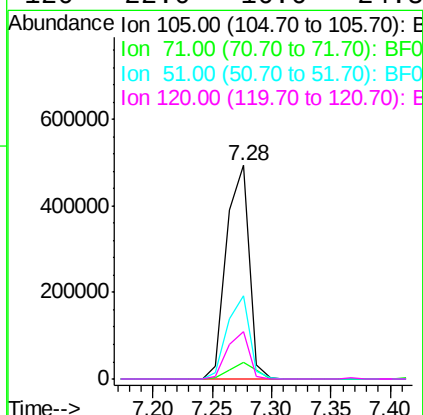
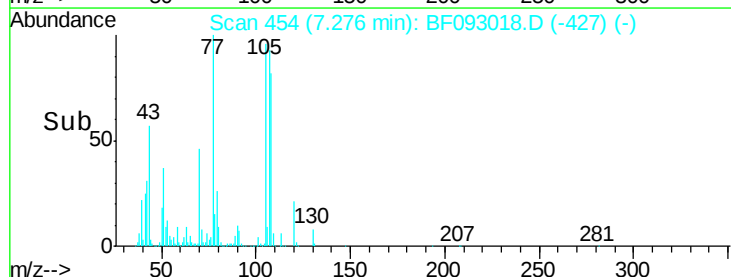
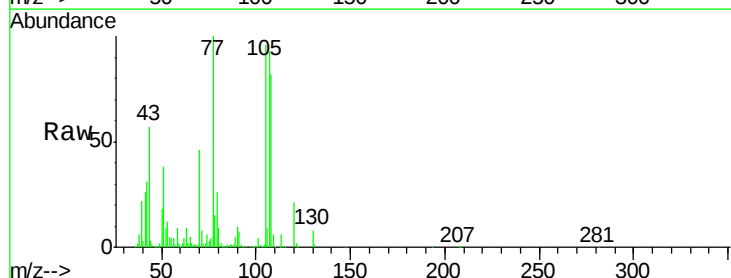
Instrument :
BNA_F
ClientSampleId :
M-3MS

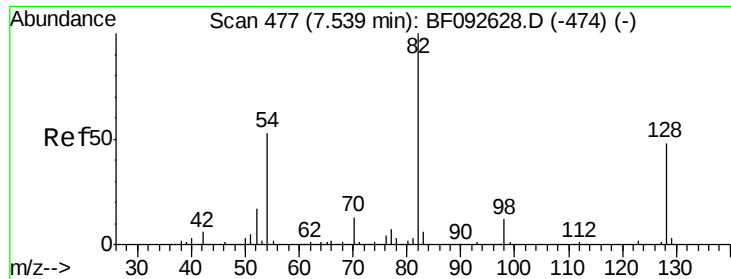
Tgt Ion:	136	Resp:	664708
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.3	4.5	6.7#
68	6.7	3.6	5.4#



#22
Acetophenone
Concen: 43.04 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:	105	Resp:	653197
Ion	Ratio	Lower	Upper
105	100		
71	8.1	3.2	4.8#
51	38.9	26.2	39.4
120	22.0	16.6	24.8

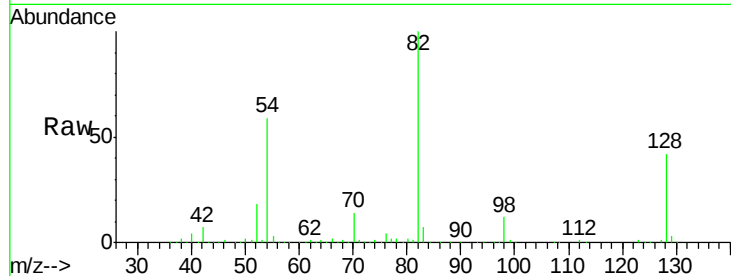




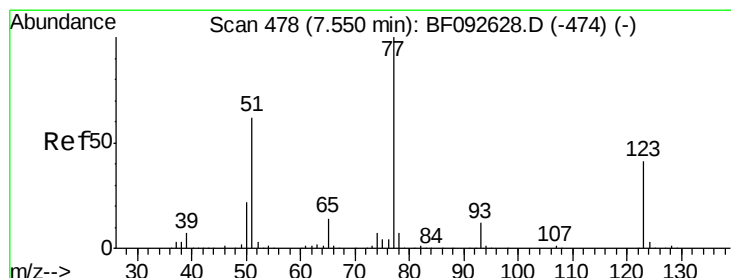
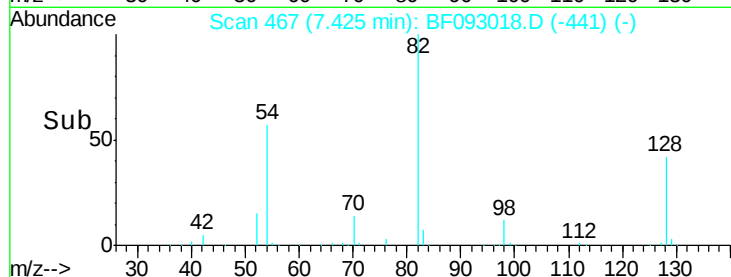
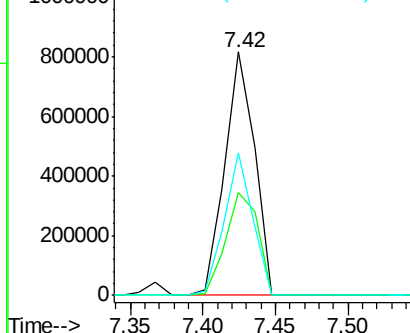
#23
 Nitrobenzene-d5
 Concen: 97.19 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion: 82 Resp: 1160082
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 52.0
 54 58.6 39.5 59.3

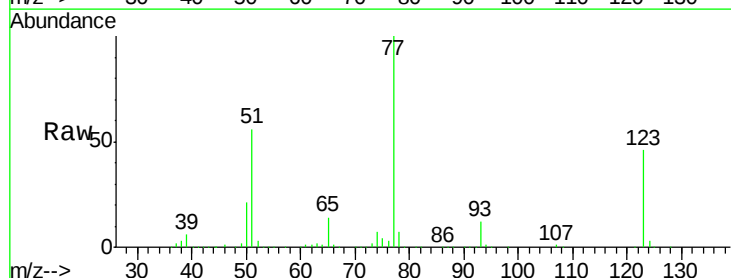


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

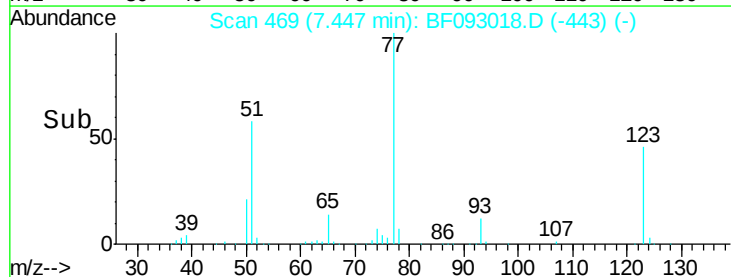
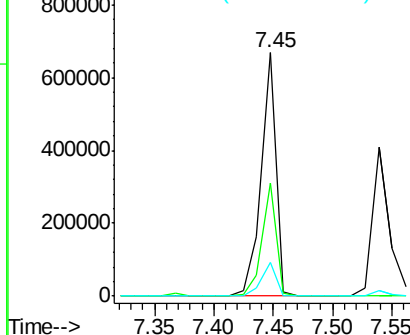


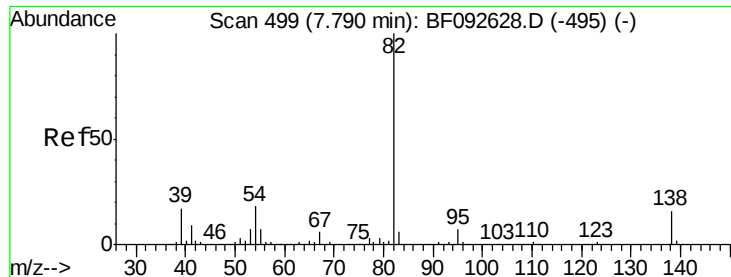
#24
 Nitrobenzene
 Concen: 48.15 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion: 77 Resp: 590163
 Ion Ratio Lower Upper
 77 100
 123 46.5 33.0 49.4
 65 13.8 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: 46.39 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

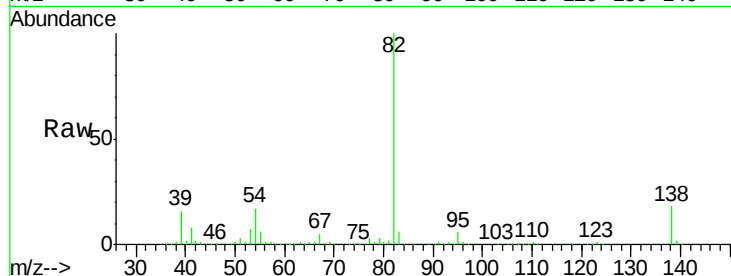
Tgt Ion: 82 Resp: 1031866

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

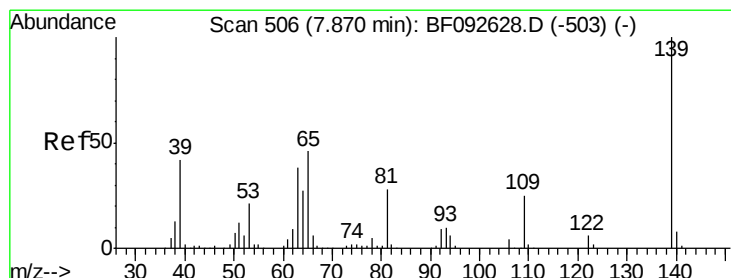
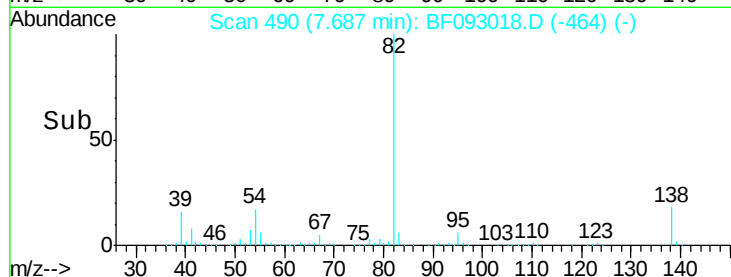
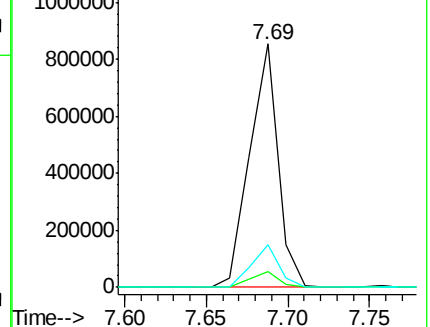
138 17.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.51 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

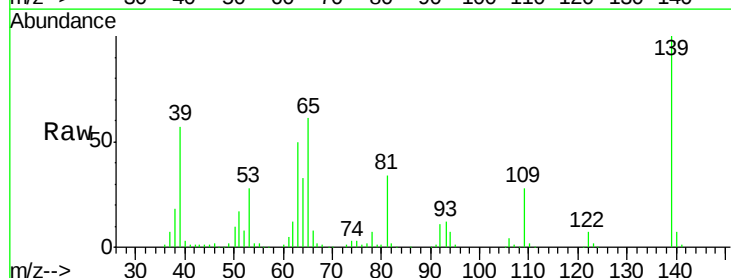
Tgt Ion: 139 Resp: 282644

Ion Ratio Lower Upper

139 100

109 27.7 23.3 34.9

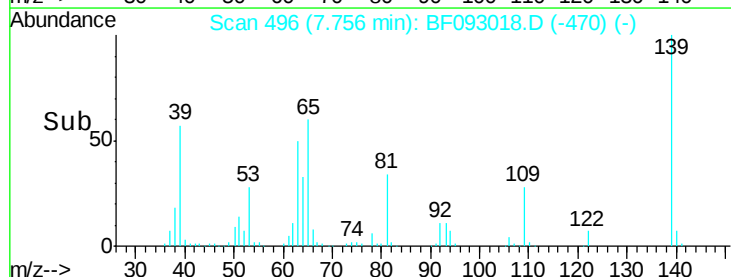
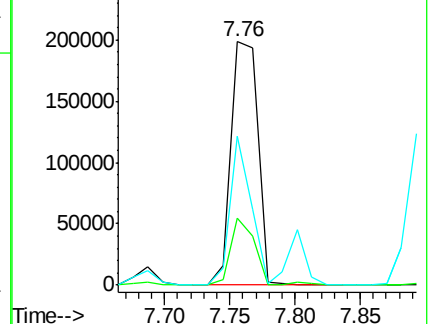
65 61.1 42.7 64.1

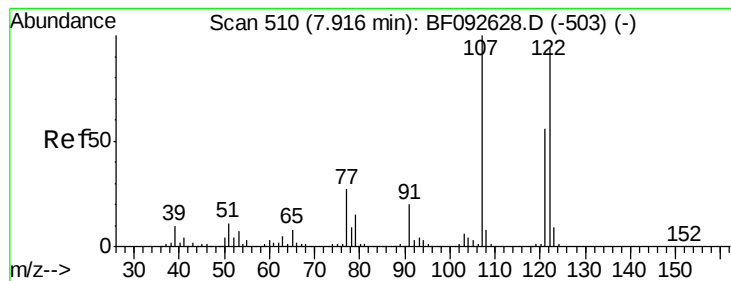


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.08 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

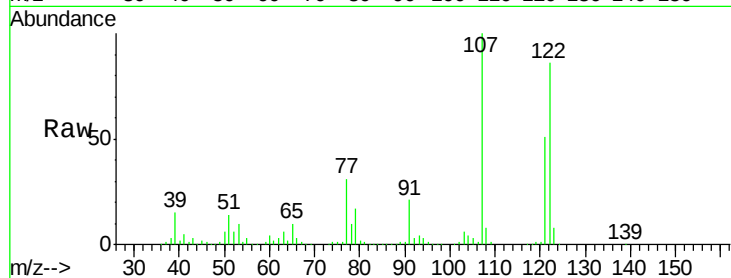
Tgt Ion:122 Resp: 440795

Ion Ratio Lower Upper

122 100

107 116.1 94.1 141.1

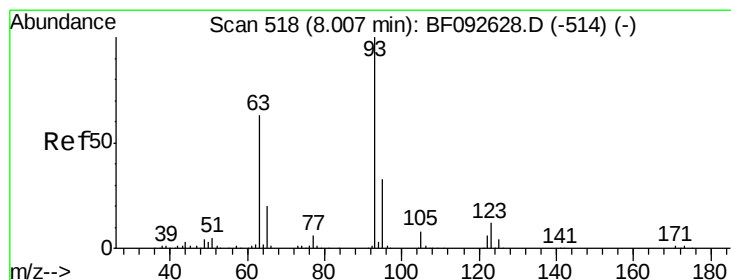
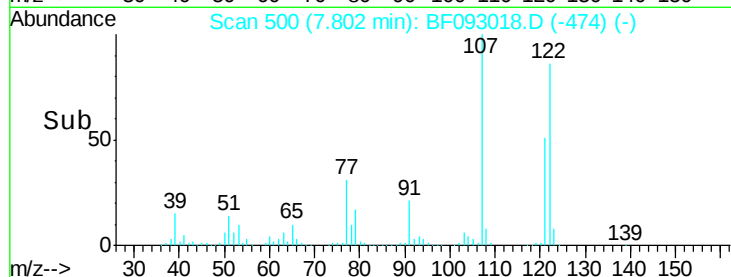
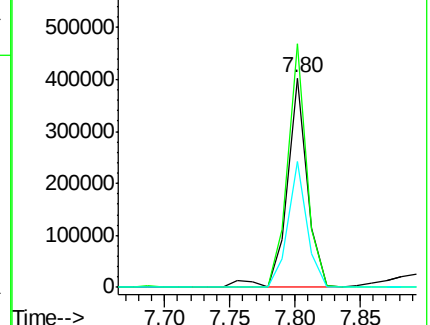
121 59.8 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.86 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

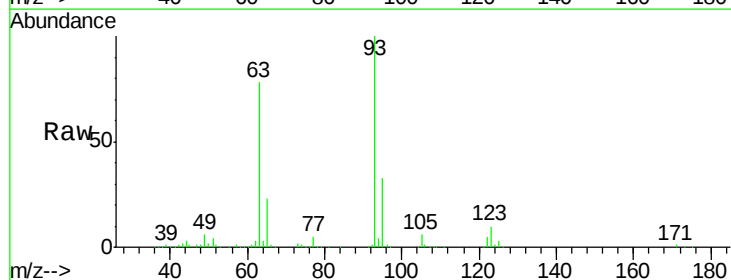
Tgt Ion: 93 Resp: 601862

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

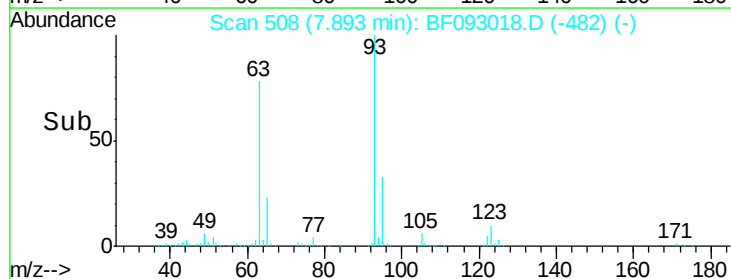
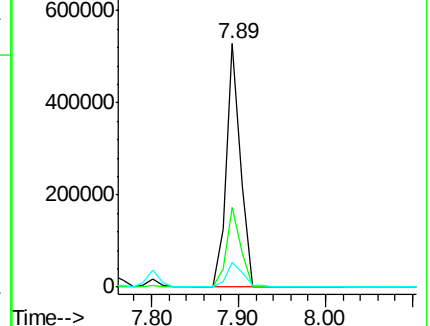
123 10.1 8.6 13.0

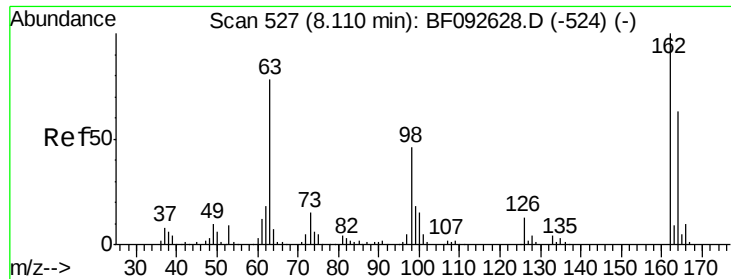


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

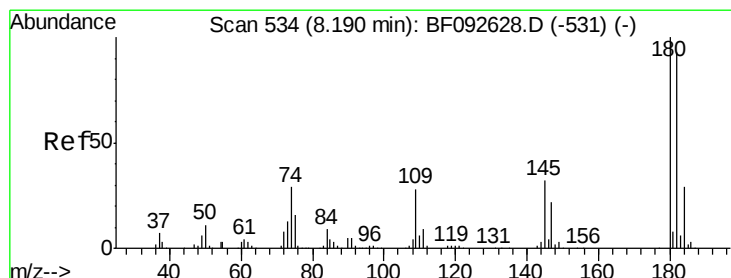
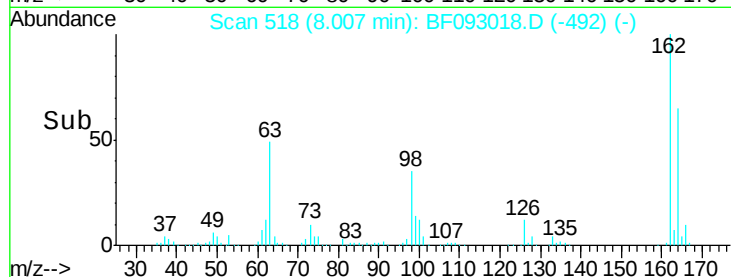
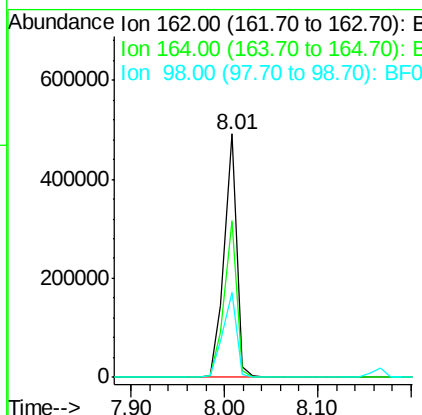
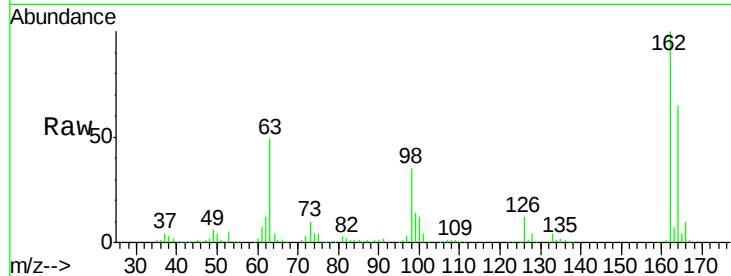




#29
2,4-Dichlorophenol
Concen: 48.08 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

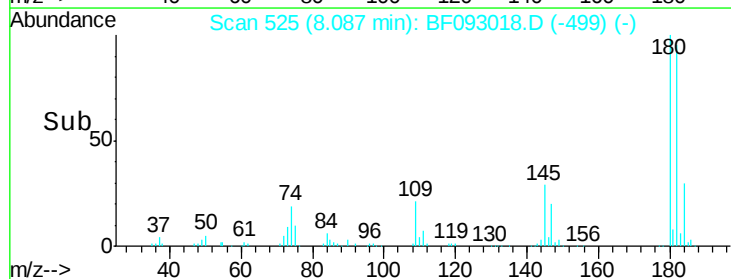
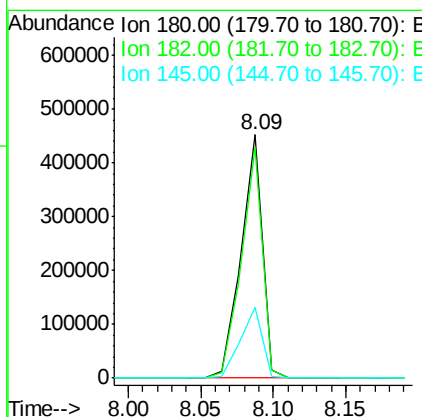
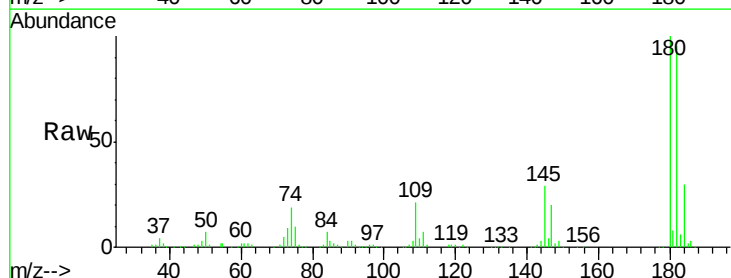
Instrument :
BNA_F
ClientSampleId :
M-3MS

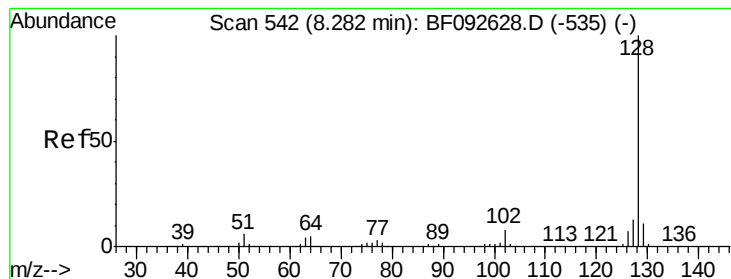
Tgt Ion:162 Resp: 458839
Ion Ratio Lower Upper
162 100
164 64.5 46.8 86.8
98 35.1 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 44.75 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:180 Resp: 460166
Ion Ratio Lower Upper
180 100
182 94.9 78.2 117.4
145 28.8 21.6 32.4





#31

Naphthalene

Concen: 42.86 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

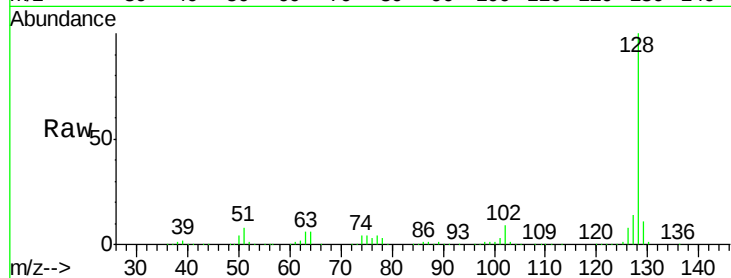
Tgt Ion:128 Resp: 1444321

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

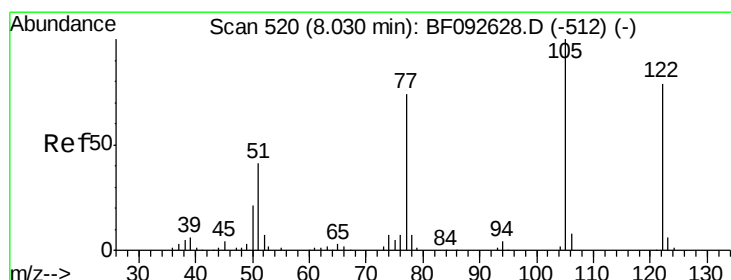
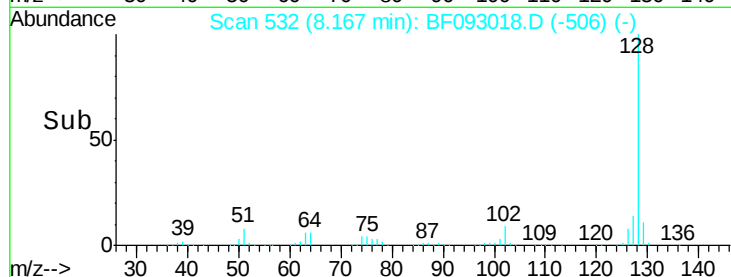
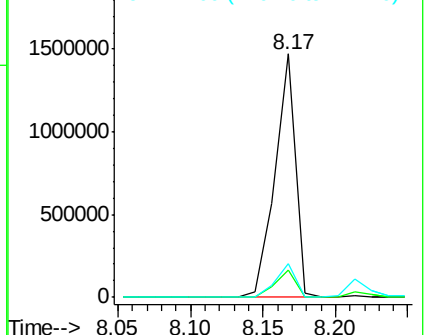
127 13.6 10.8 16.2



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: 30.99 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

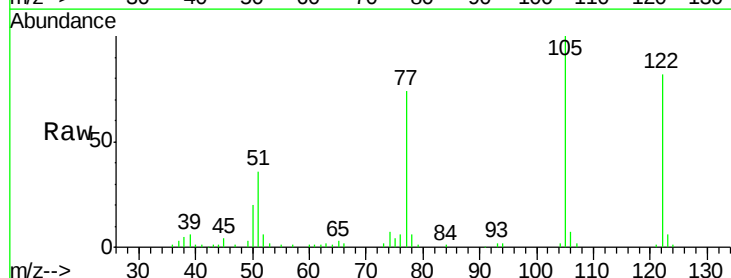
Tgt Ion:122 Resp: 162387

Ion Ratio Lower Upper

122 100

105 121.9 107.2 147.2

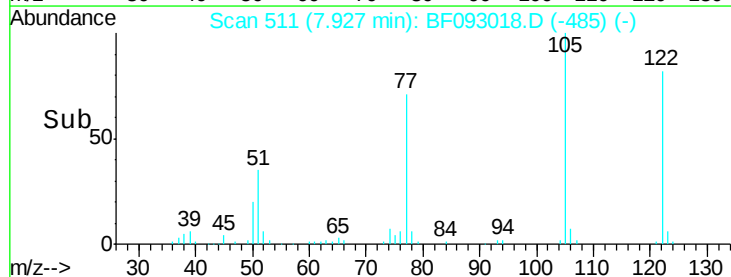
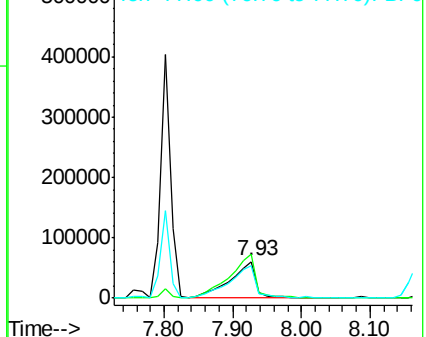
77 90.6 74.5 114.5

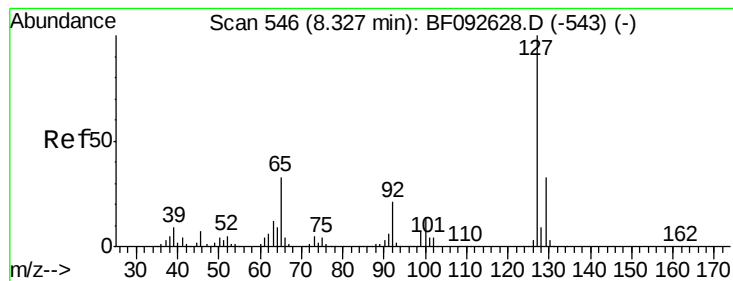


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.17 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

Tgt Ion:127 Resp: 134345

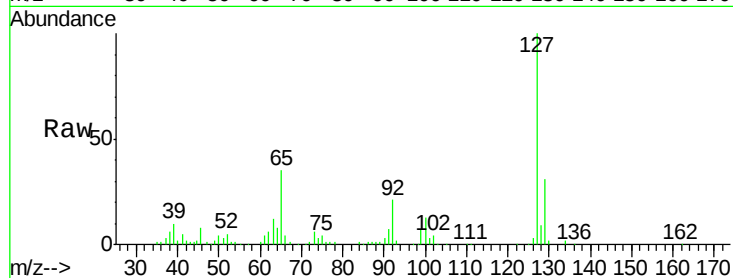
Ion Ratio Lower Upper

127 100

129 30.5 26.3 39.5

65 34.8 25.8 38.8

92 21.0 16.1 24.1

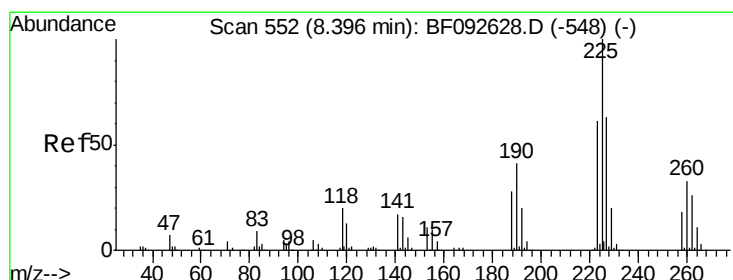
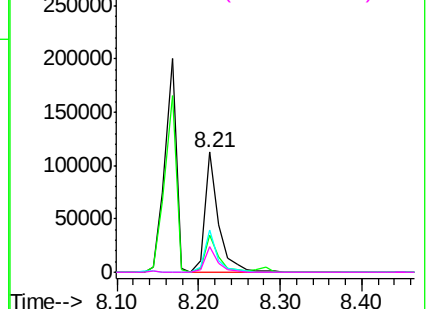
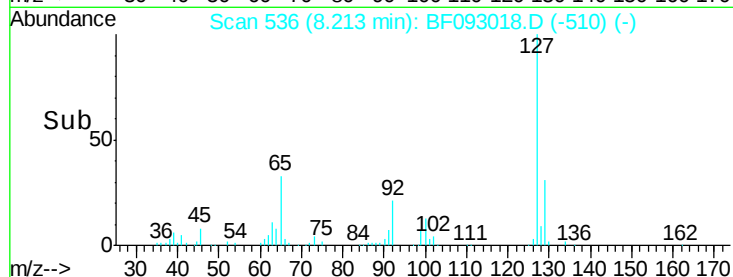


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.73 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

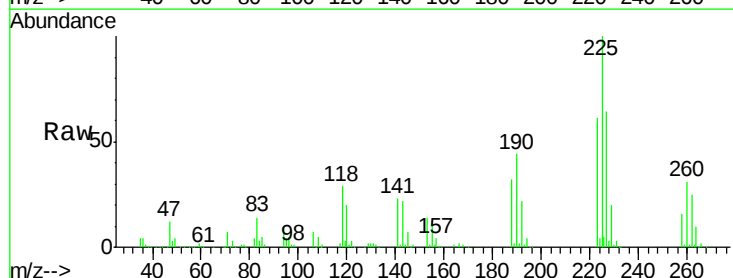
Tgt Ion:225 Resp: 236093

Ion Ratio Lower Upper

225 100

223 61.4 51.0 76.6

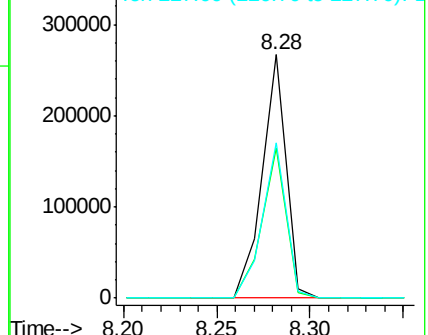
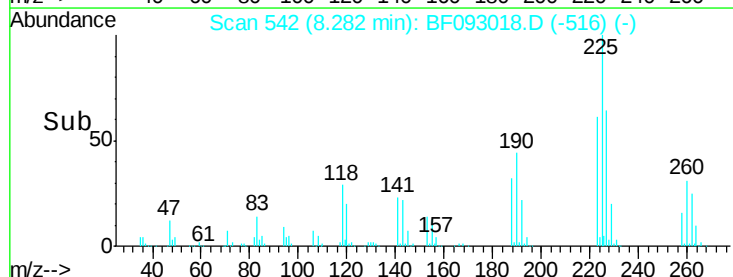
227 63.7 50.6 76.0

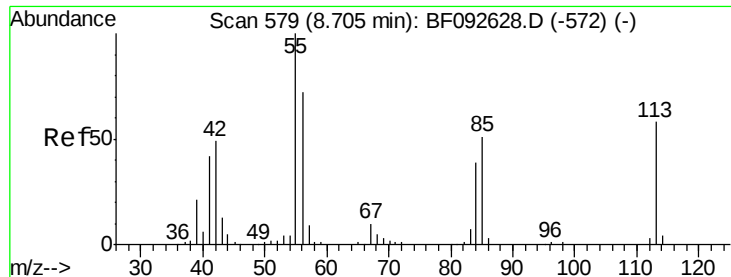


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

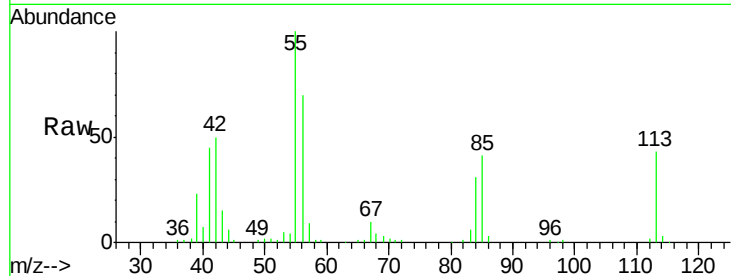




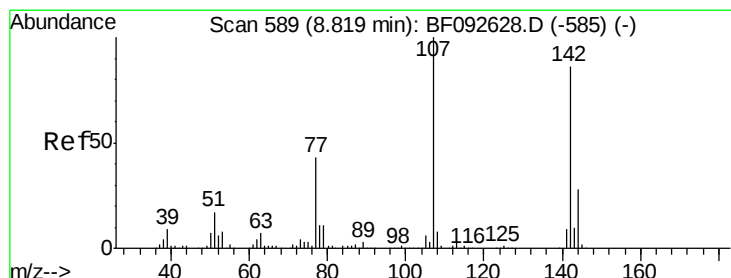
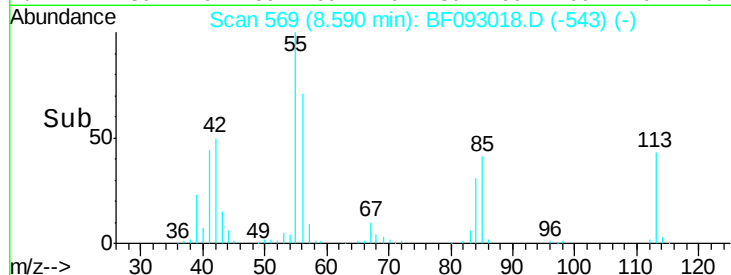
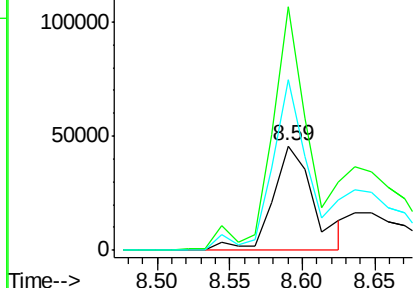
#35
 Caprolactam
 Concen: 29.85 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion:113 Resp: 89599
 Ion Ratio Lower Upper
 113 100
 55 233.7 119.2 159.2#
 56 164.4 83.8 123.8#

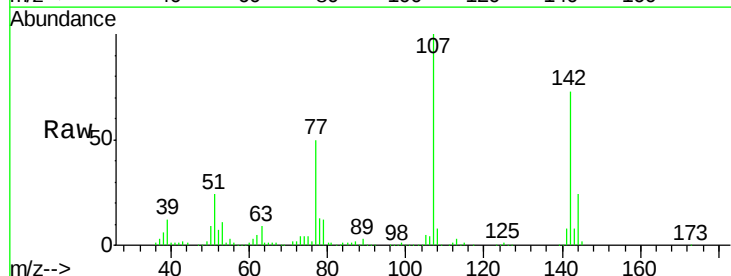


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

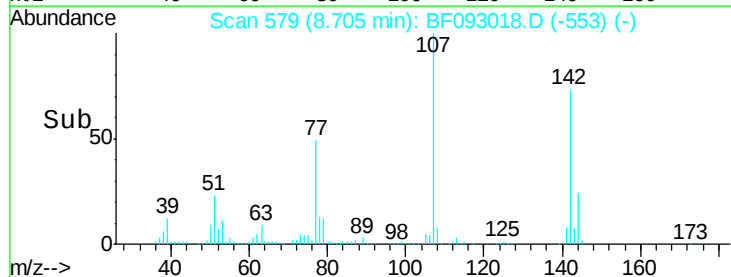
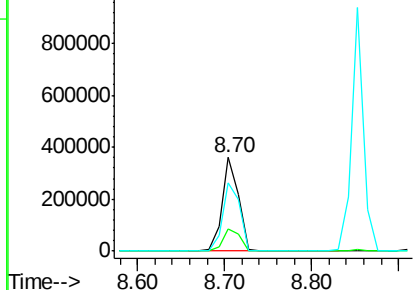


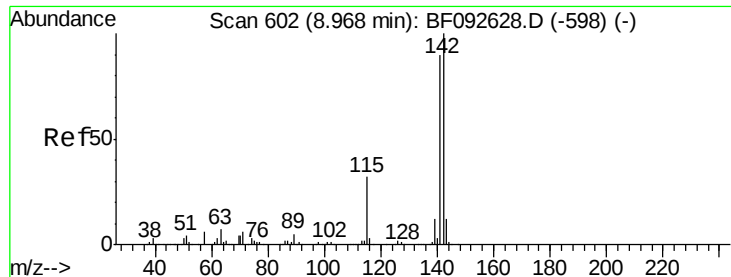
#36
 4-Chloro-3-methylphenol
 Concen: 47.34 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:107 Resp: 471028
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 73.4 59.0 88.6



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

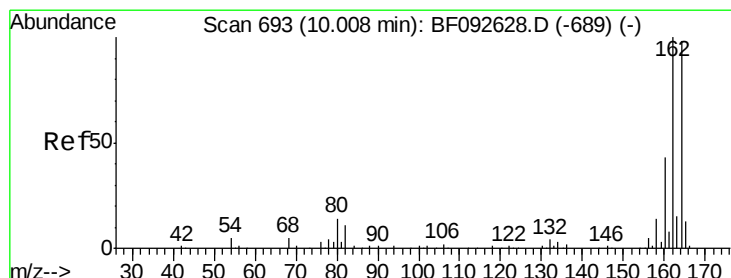
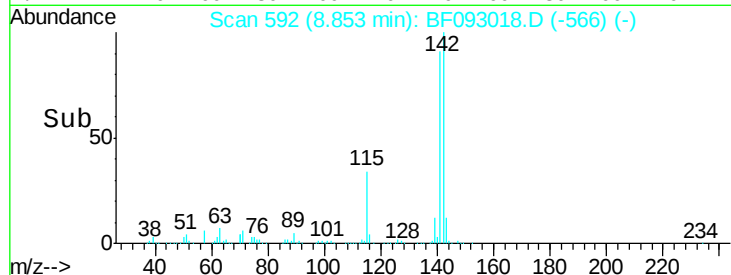
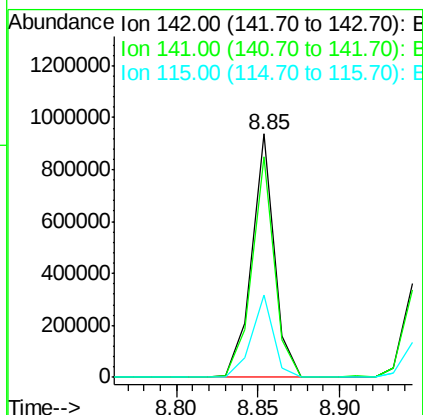
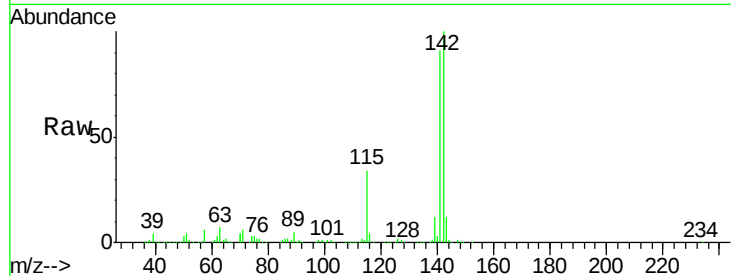




#37
2-Methylnaphthalene
Concen: 41.74 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

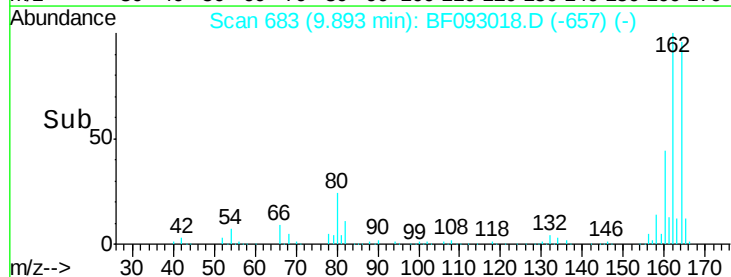
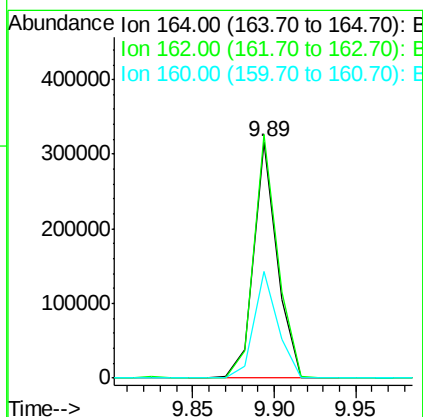
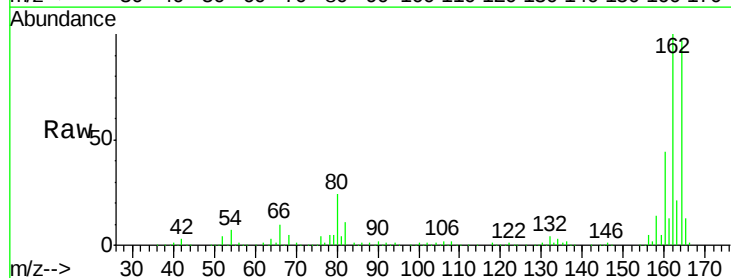
Instrument :
BNA_F
ClientSampleId :
M-3MS

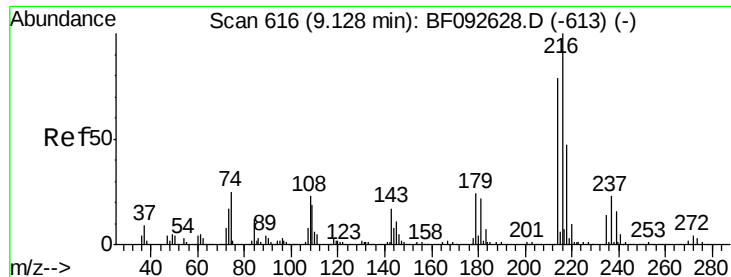
Tgt Ion:142 Resp: 902989
Ion Ratio Lower Upper
142 100
141 90.7 71.0 106.6
115 33.7 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:164 Resp: 317195
Ion Ratio Lower Upper
164 100
162 102.9 80.2 120.2
160 45.2 36.9 55.3

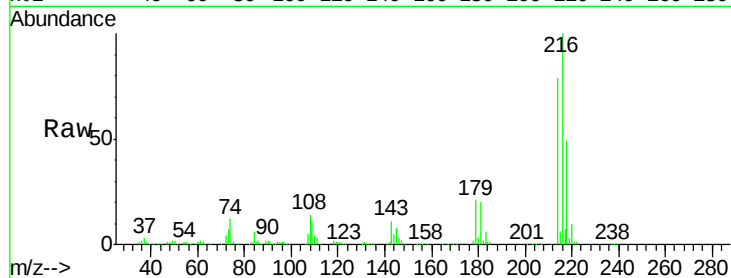




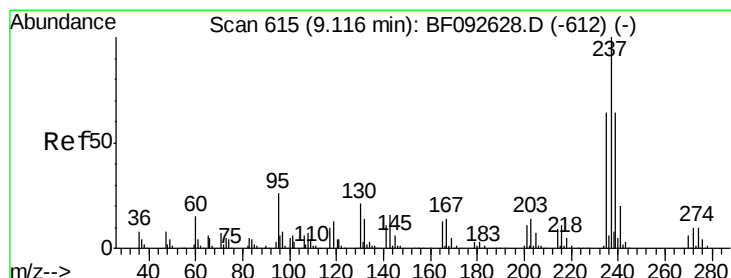
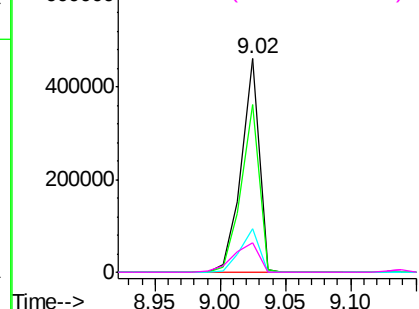
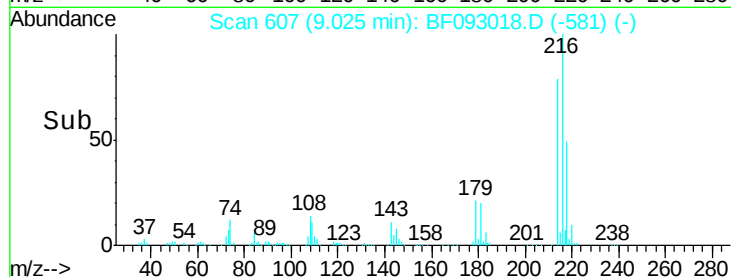
#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.09 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion:	216	Resp:	437120
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.0
179	21.5	17.4	26.2
108	19.4	15.6	23.4

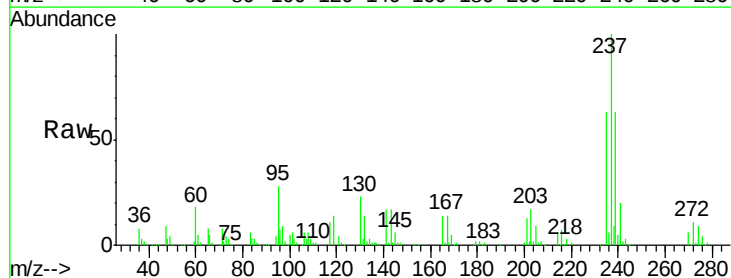


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

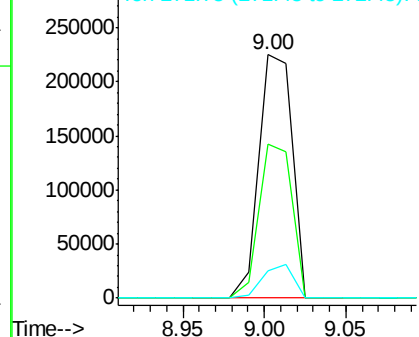
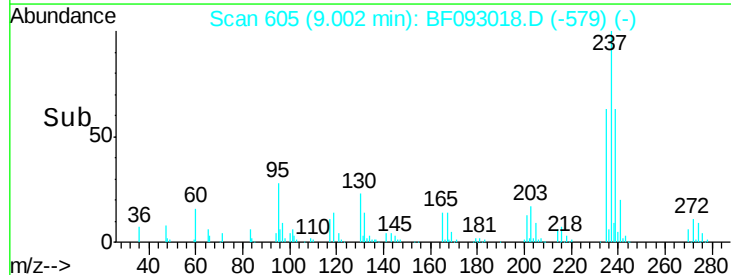


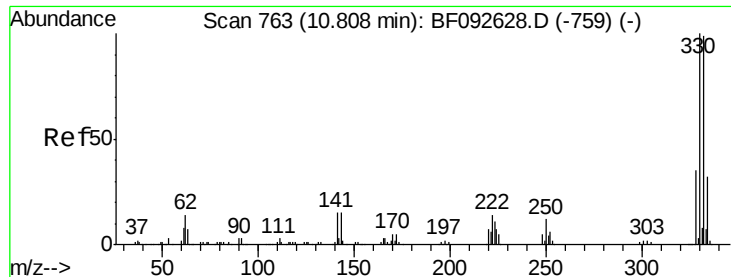
#40
Hexachlorocyclopentadiene
Concen: 79.73 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:	237	Resp:	320291
Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.2	81.2
272	11.1	0.0	35.4



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

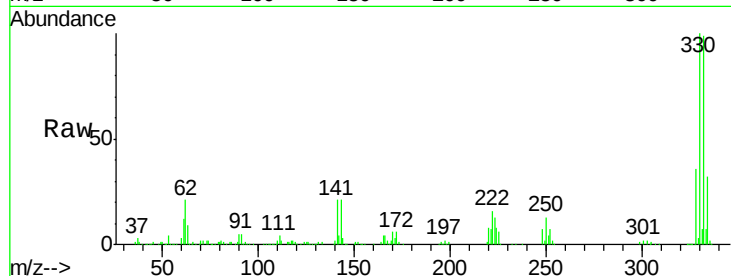




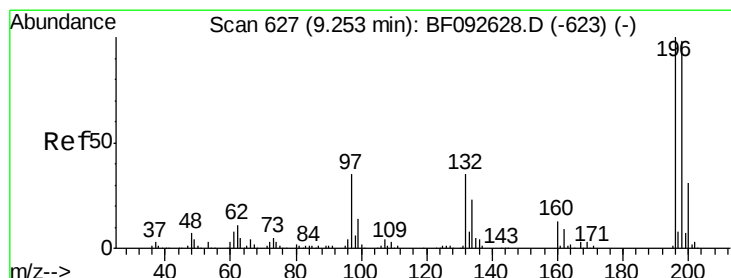
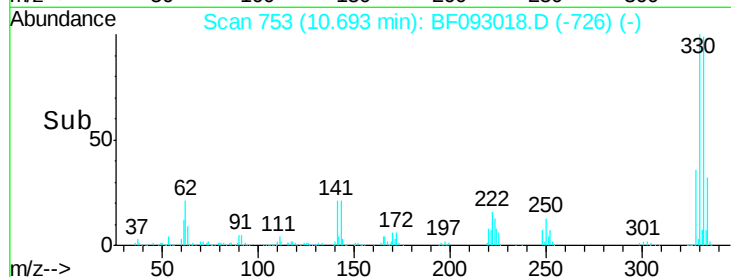
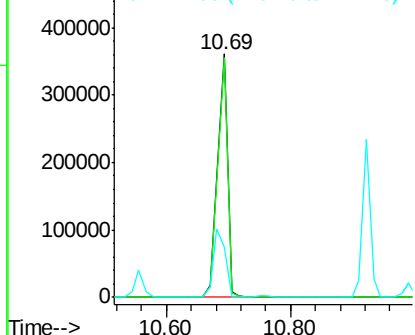
#41
 2,4,6-Tribromophenol
 Concen: 170.90 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion:330 Resp: 392064
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 34.2 34.1 51.1

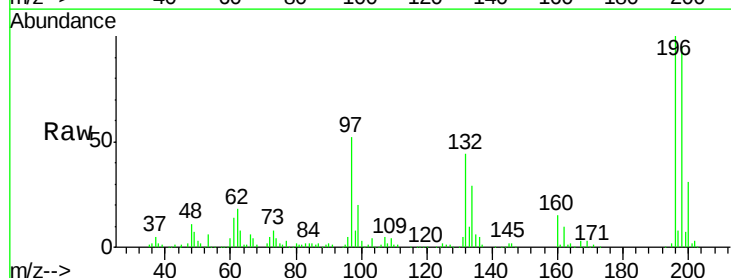


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

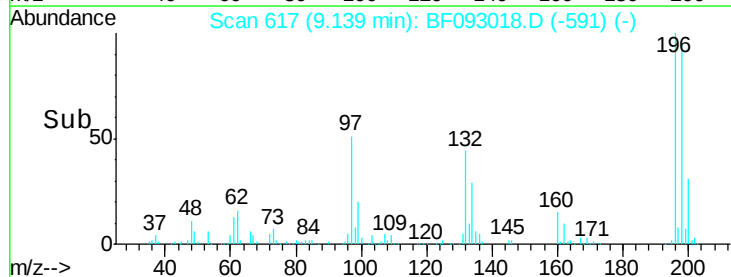
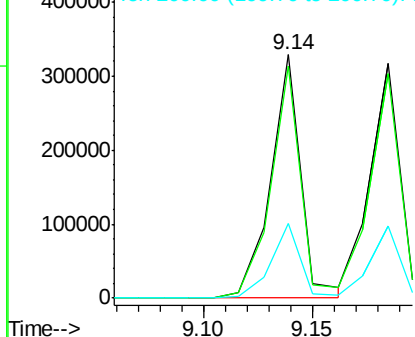


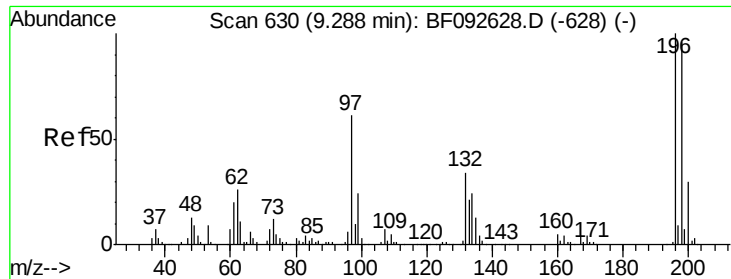
#42
 2,4,6-Trichlorophenol
 Concen: 54.76 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:196 Resp: 320371
 Ion Ratio Lower Upper
 196 100
 198 95.1 82.1 123.1
 200 30.6 27.0 40.4



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

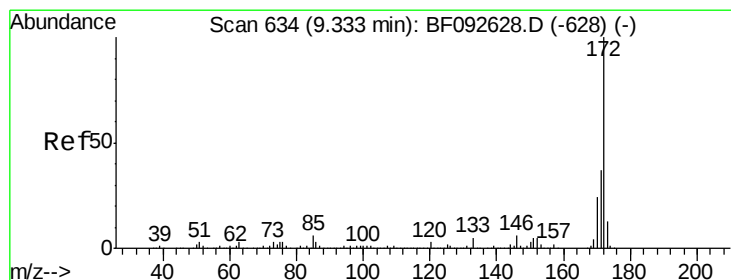
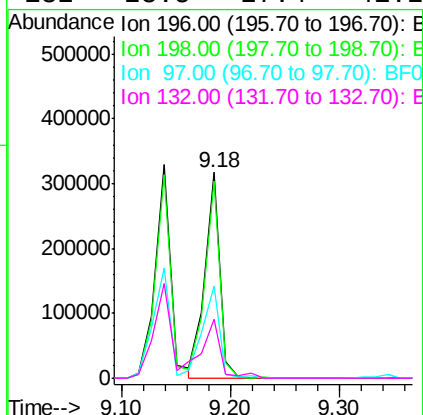
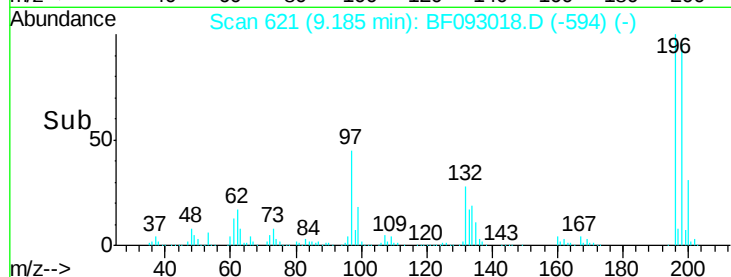
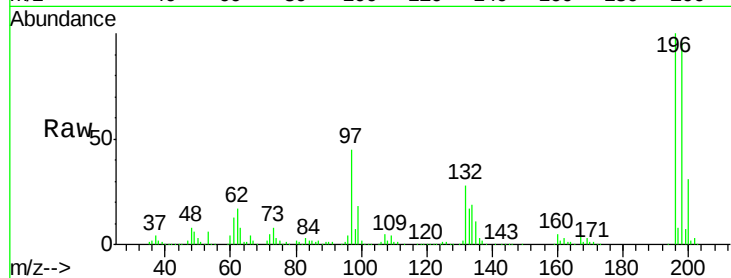




#43
 2,4,5-Trichlorophenol
 Concen: 48.00 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

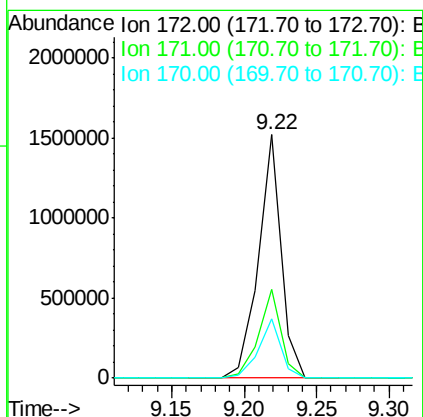
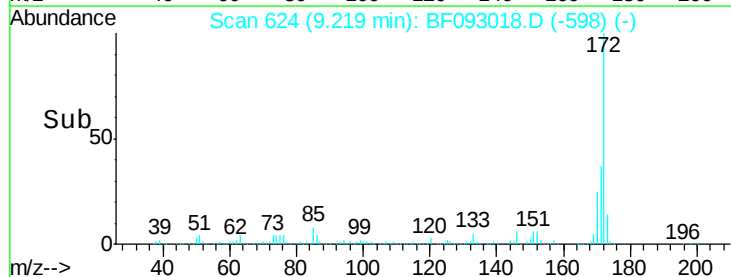
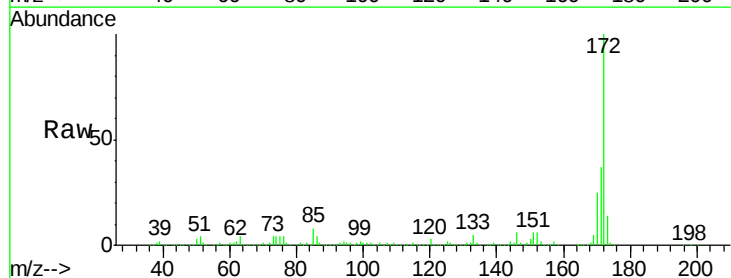
Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

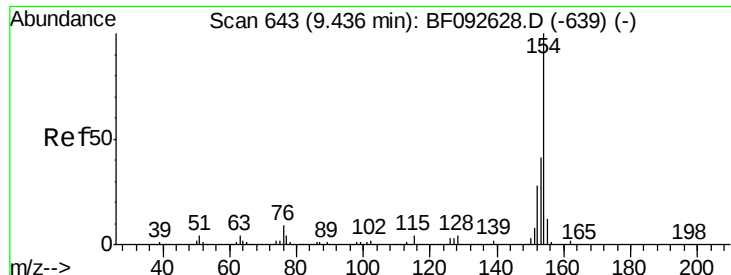
Tgt Ion:196 Resp: 307691
 Ion Ratio Lower Upper
 196 100
 198 95.6 79.4 119.2
 97 45.0 51.5 77.3#
 132 28.5 27.4 41.2



#44
 2-Fluorobiphenyl
 Concen: 93.94 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:172 Resp: 1644662
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.6 20.2 30.4

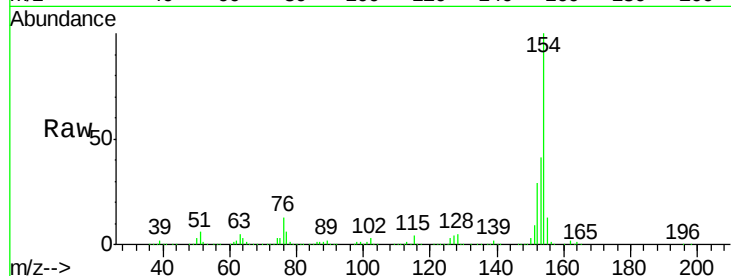




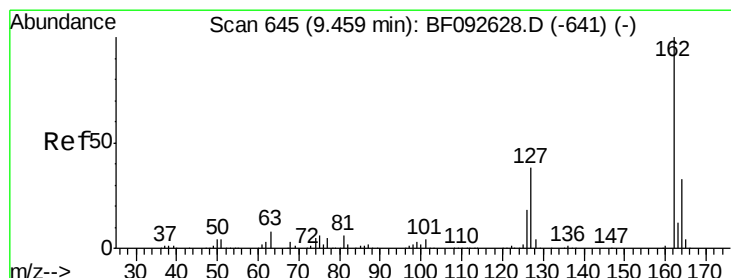
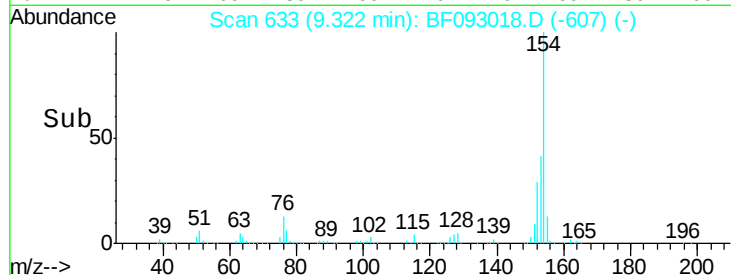
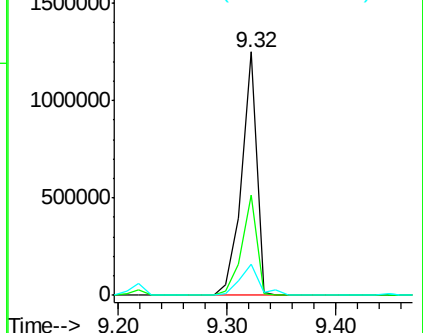
#45
 1,1'-Biphenyl
 Concen: 51.55 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion:154 Resp: 1183964
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.9 60.9
 76 12.6 0.0 30.5

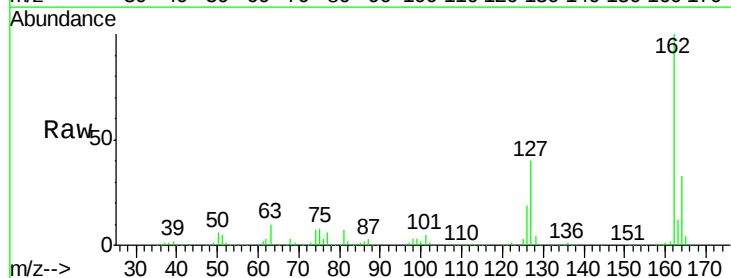


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

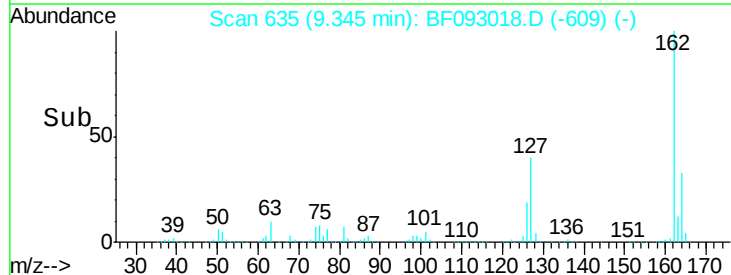
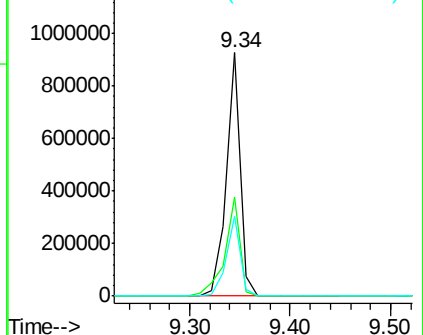


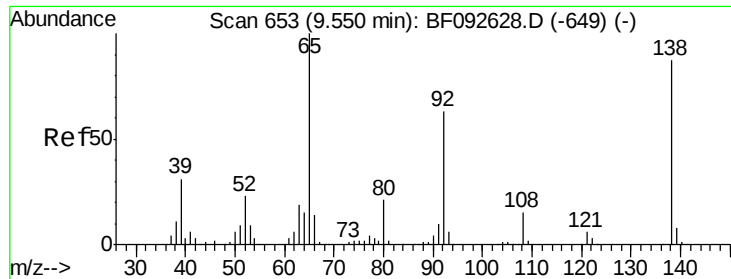
#46
 2-Chloronaphthalene
 Concen: 49.30 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:162 Resp: 885866
 Ion Ratio Lower Upper
 162 100
 127 40.5 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

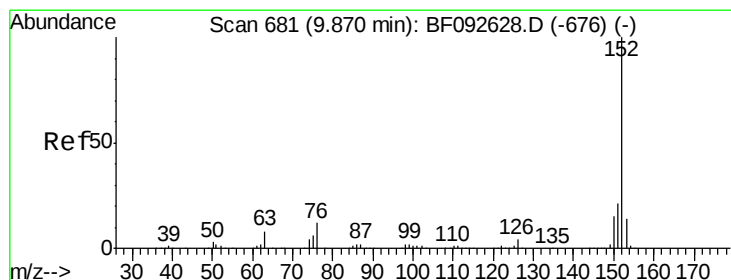
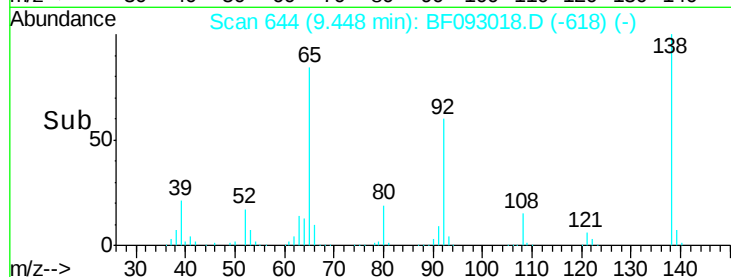
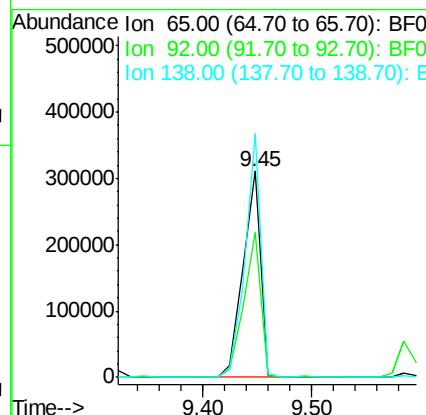
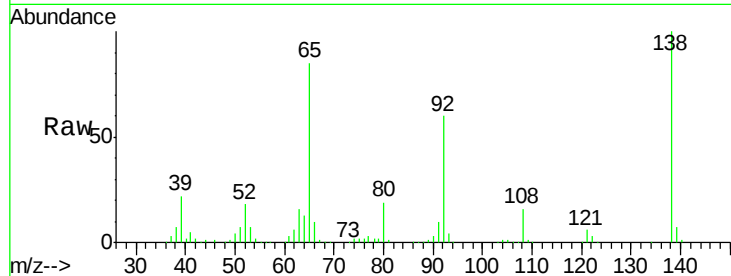




#47
2-Nitroaniline
Concen: 56.26 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

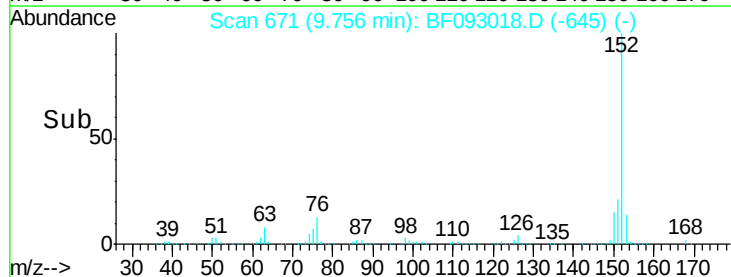
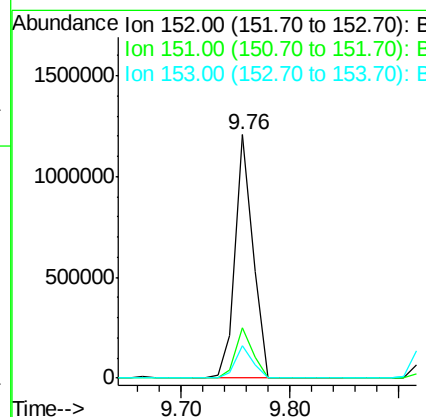
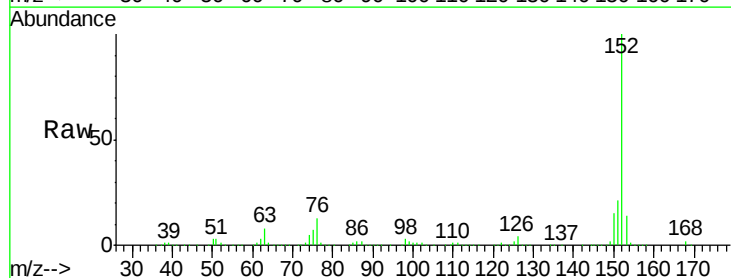
Instrument :
BNA_F
ClientSampleId :
M-3MS

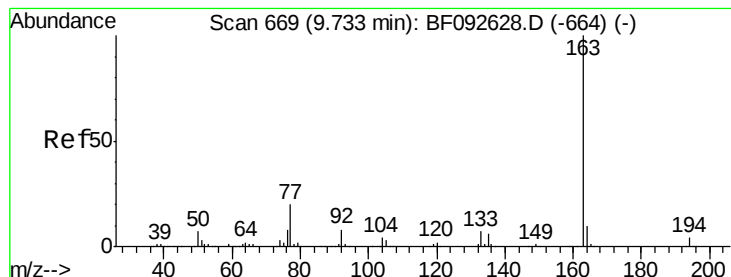
Tgt Ion: 65 Resp: 339855
Ion Ratio Lower Upper
65 100
92 70.6 53.9 80.9
138 118.0 76.8 115.2#



#48
Acenaphthylene
Concen: 43.54 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion: 152 Resp: 1351452
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.5 11.4 17.2





#49

Dimethylphthalate

Concen: 67.67 ng

RT: 9.63 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

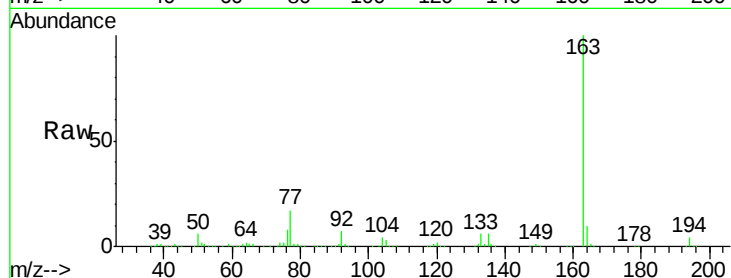
Tgt Ion:163 Resp: 1445692

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

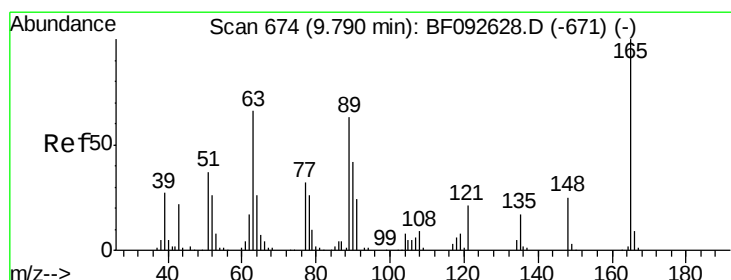
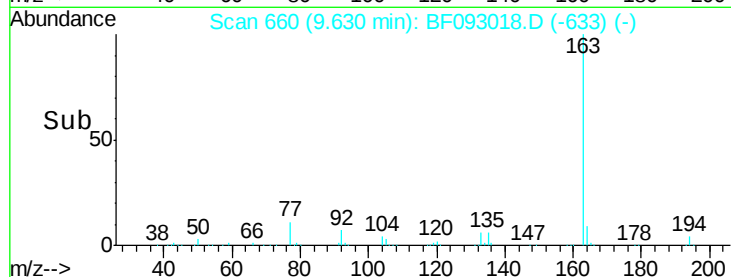
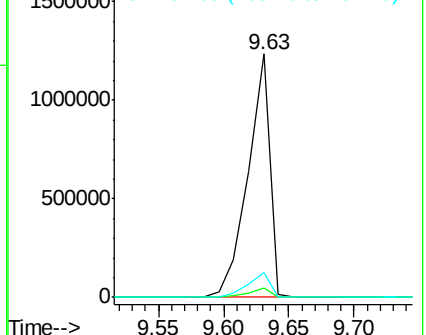
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.75 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

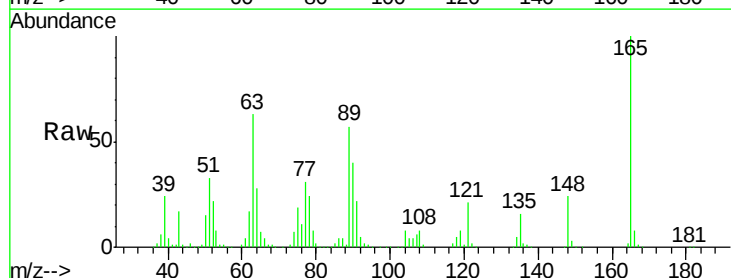
Tgt Ion:165 Resp: 224950

Ion Ratio Lower Upper

165 100

63 63.2 36.2 54.4#

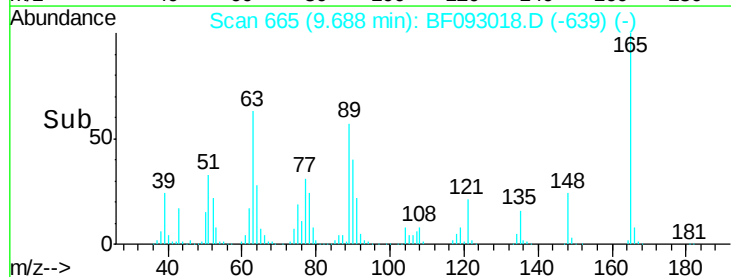
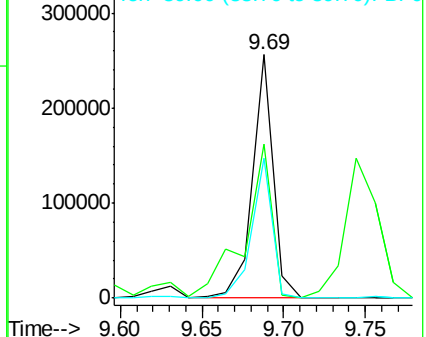
89 57.4 40.2 60.4

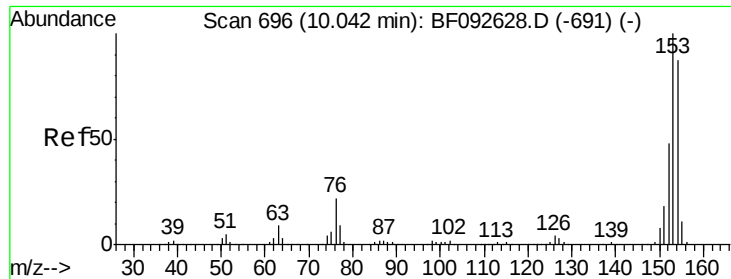


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.14 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

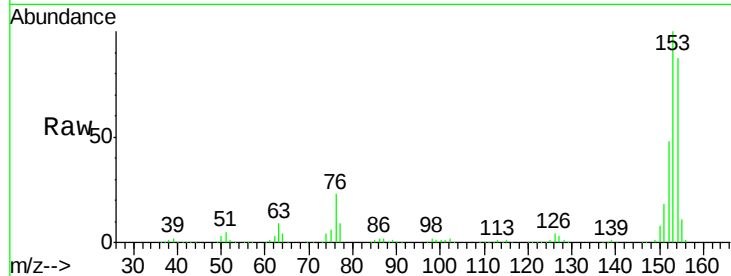
Tgt Ion:154 Resp: 874811

Ion Ratio Lower Upper

154 100

153 115.1 88.6 133.0

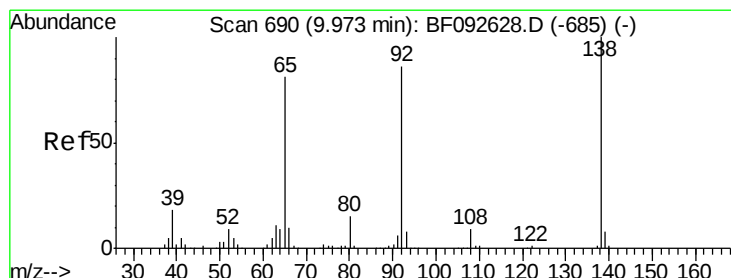
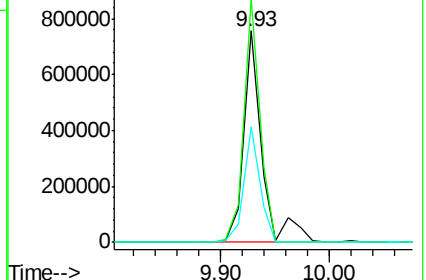
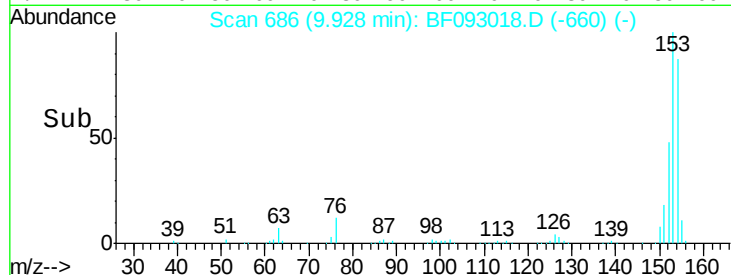
152 54.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.27 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

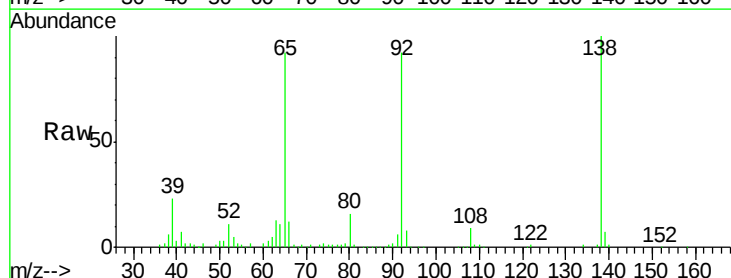
Tgt Ion:138 Resp: 138709

Ion Ratio Lower Upper

138 100

108 8.8 8.5 12.7

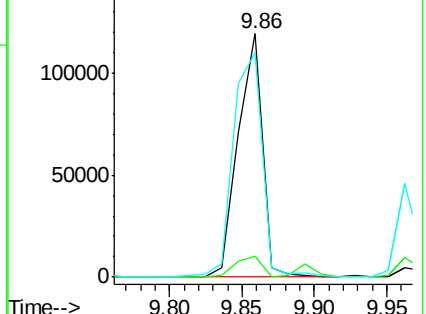
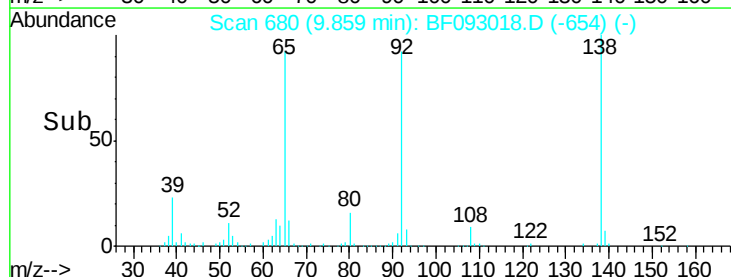
92 92.3 97.8 146.8#

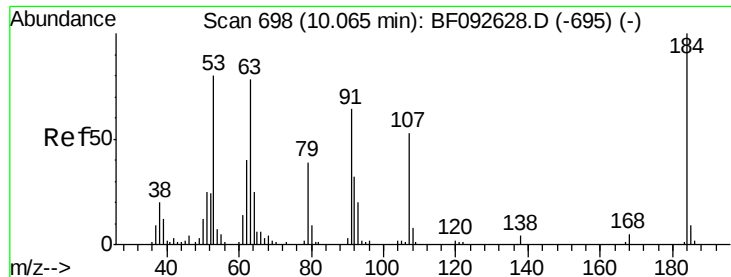


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

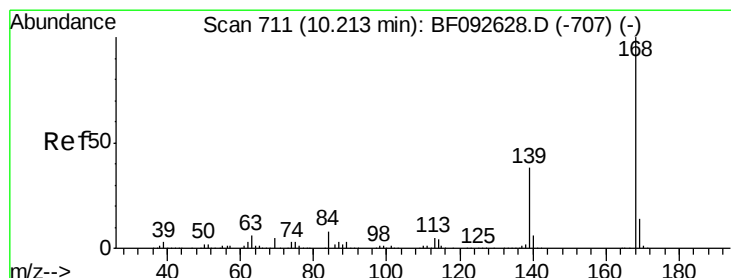
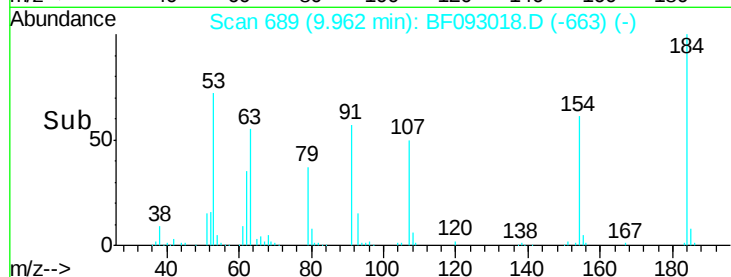
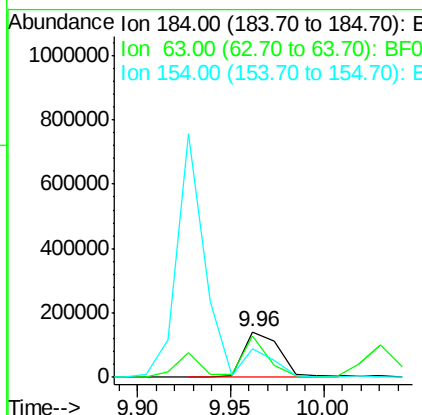
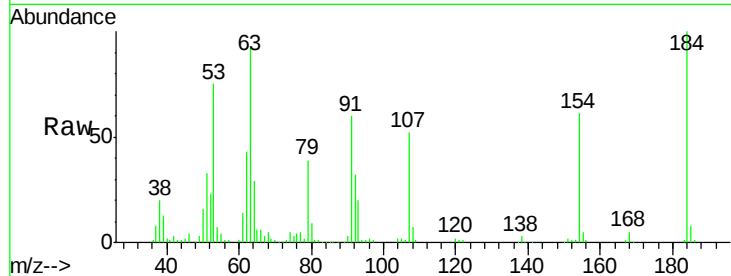




#53
 2,4-Dinitrophenol
 Concen: 80.24 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

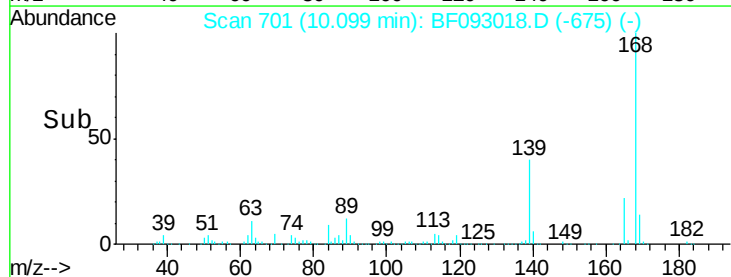
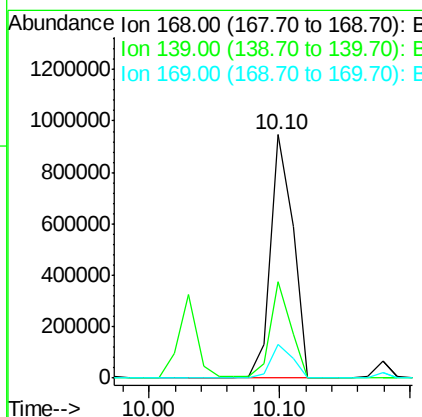
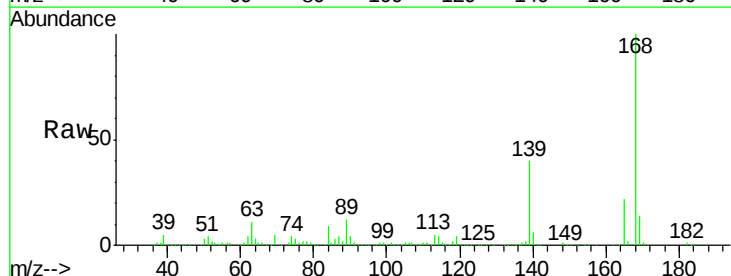
Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

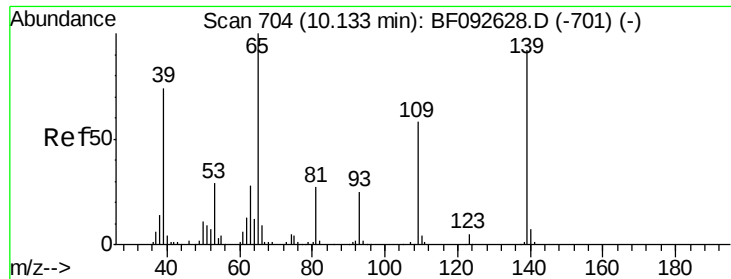
Tgt Ion:184 Resp: 188377
 Ion Ratio Lower Upper
 184 100
 63 91.8 28.4 42.6#
 154 61.4 44.3 66.5



#54
 Dibenzofuran
 Concen: 46.34 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:168 Resp: 1150236
 Ion Ratio Lower Upper
 168 100
 139 39.6 32.6 49.0
 169 13.7 11.3 16.9

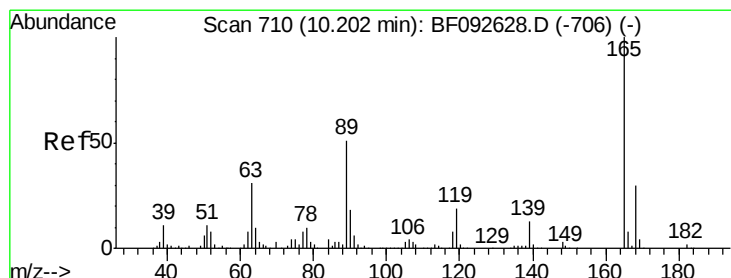
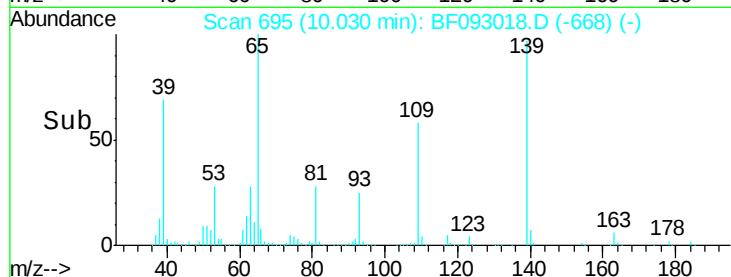
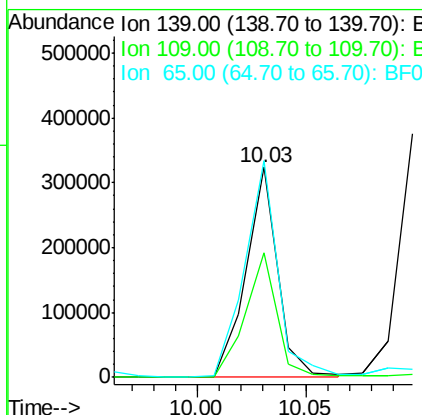
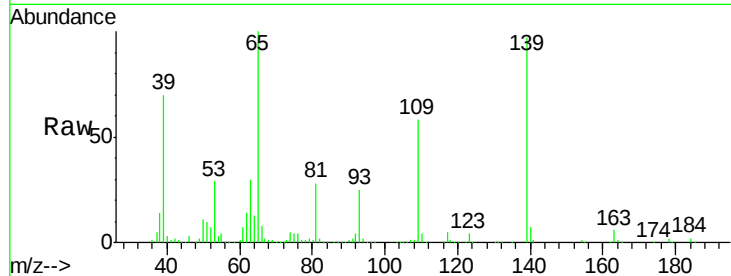




#55
 4-Nitrophenol
 Concen: 86.45 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

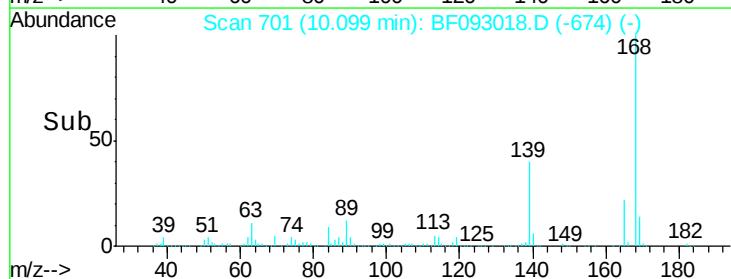
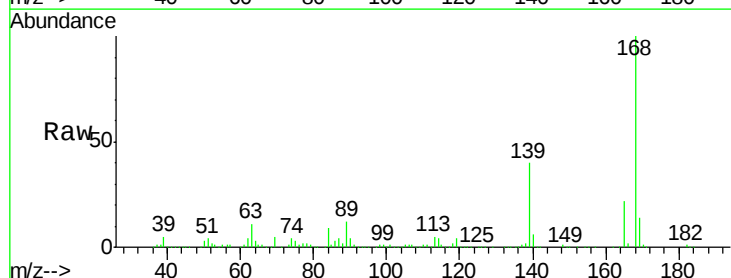
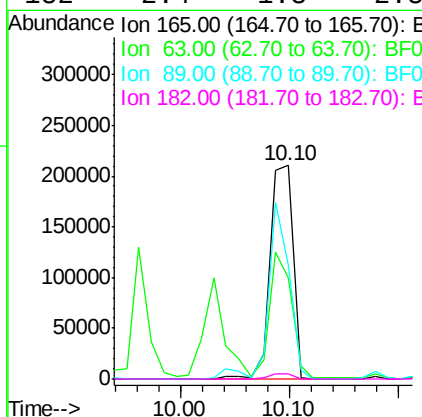
Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

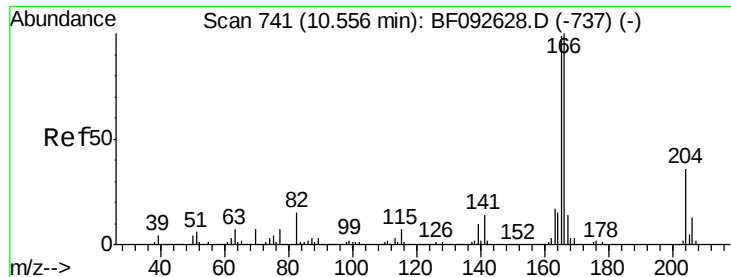
Tgt Ion:139 Resp: 328771
 Ion Ratio Lower Upper
 139 100
 109 59.5 52.2 92.2
 65 103.5 85.8 125.8



#56
 2,4-Dinitrotoluene
 Concen: 50.18 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:165 Resp: 308221
 Ion Ratio Lower Upper
 165 100
 63 47.6 40.2 60.4
 89 53.1 62.5 93.7#
 182 2.4 1.8 2.8

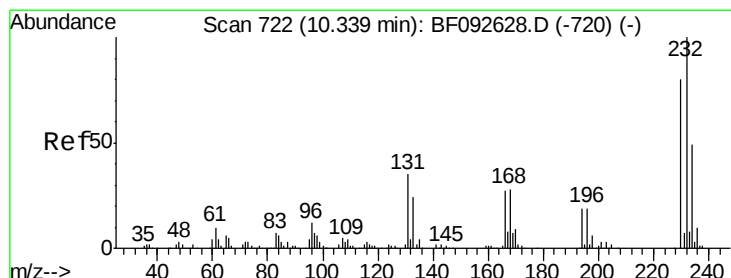
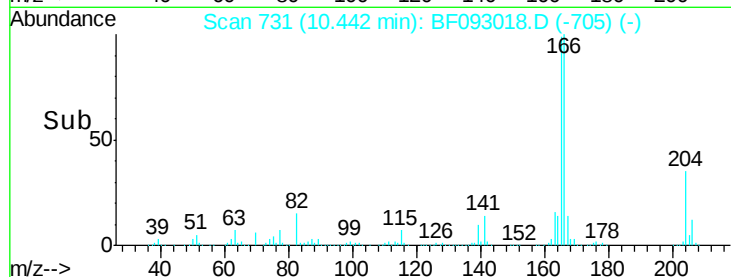
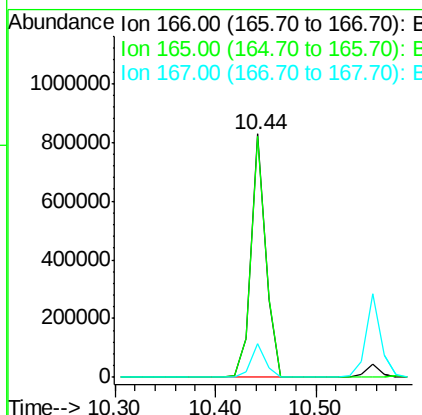
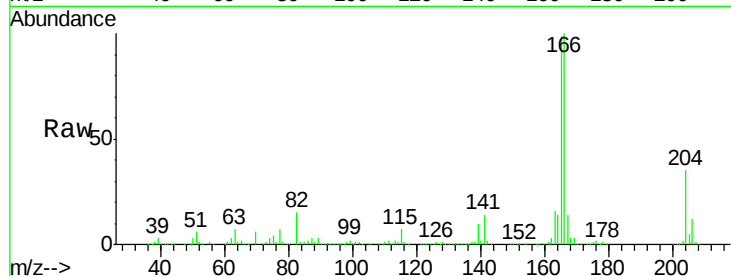




#57
Fluorene
 Concen: 44.48 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

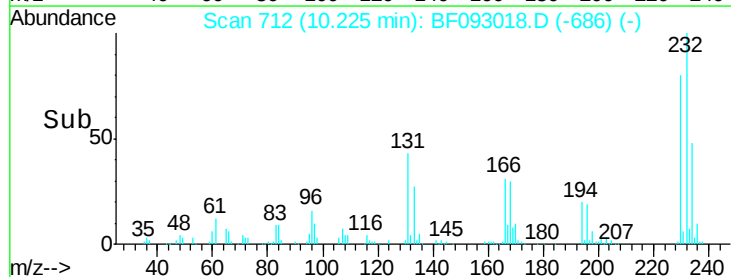
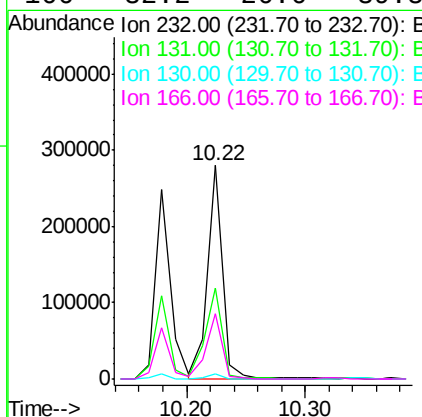
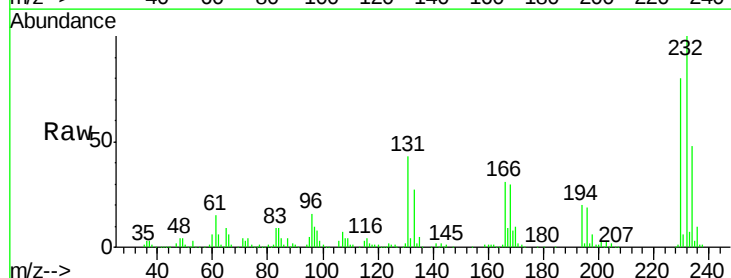
Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

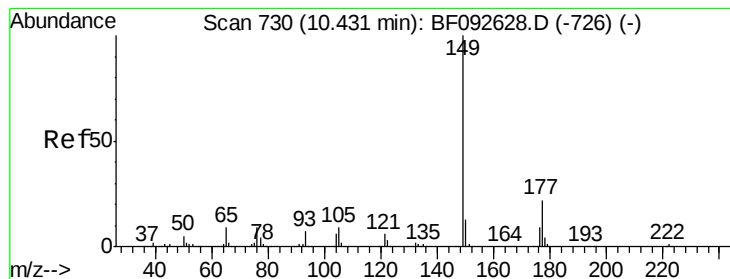
Tgt Ion:166 Resp: 849321
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.8 116.8
 167 13.9 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 57.60 ng
 RT: 10.22 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:232 Resp: 246330
 Ion Ratio Lower Upper
 232 100
 131 47.8 40.1 60.1
 130 2.2 1.8 2.8
 166 32.2 26.6 39.8





#59

Diethylphthalate

Concen: 52.29 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

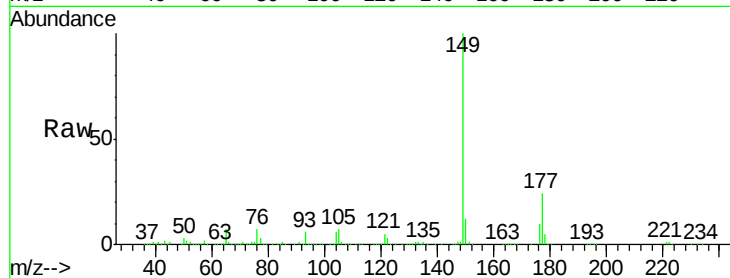
Tgt Ion:149 Resp: 1052885

Ion Ratio Lower Upper

149 100

177 24.4 16.6 25.0

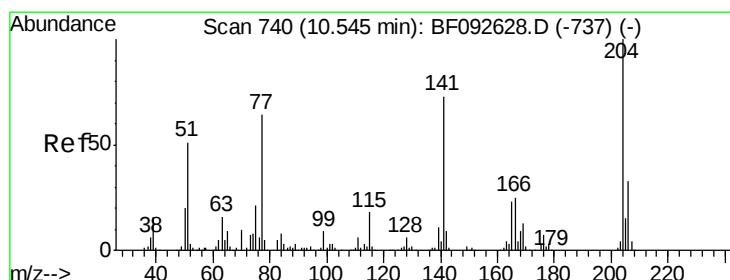
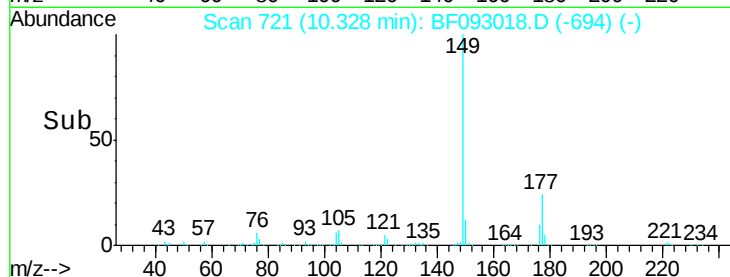
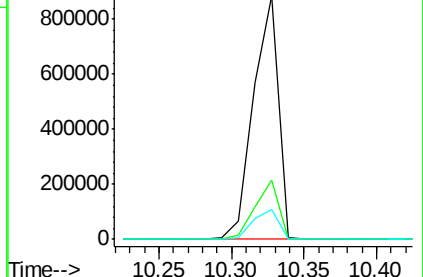
150 12.2 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.48 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

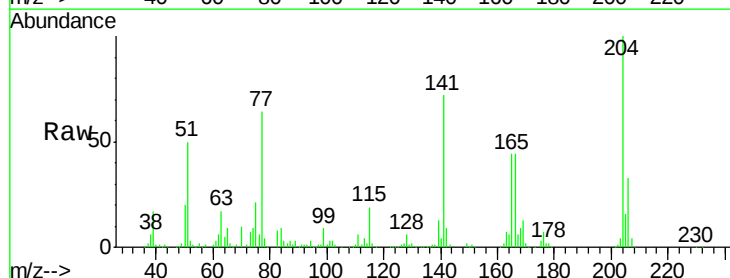
Tgt Ion:204 Resp: 417264

Ion Ratio Lower Upper

204 100

206 33.5 25.8 38.6

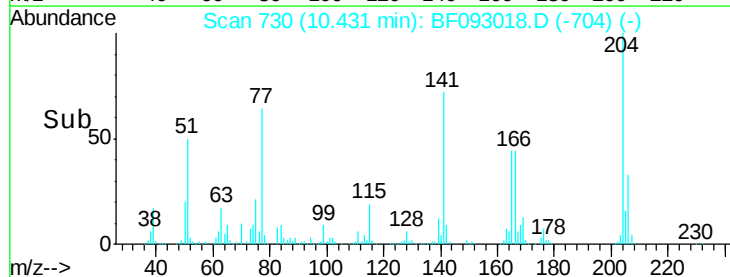
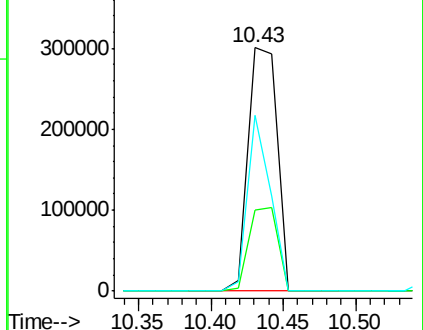
141 72.1 59.4 89.0

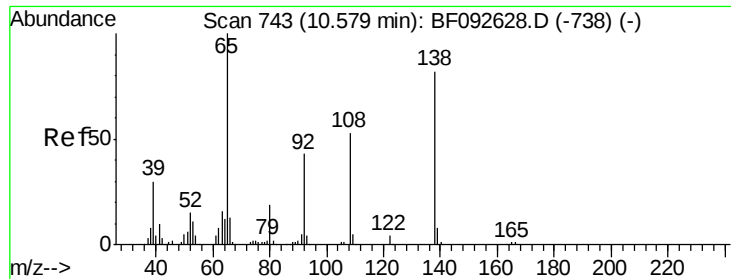


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.94 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

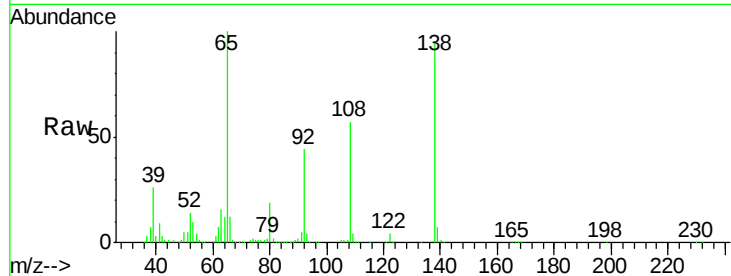
Tgt Ion:138 Resp: 264676

Ion Ratio Lower Upper

138 100

92 46.3 31.7 71.7

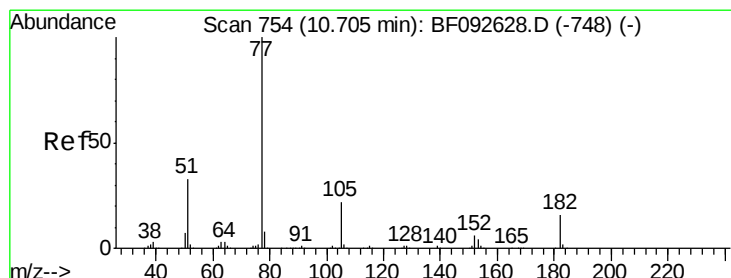
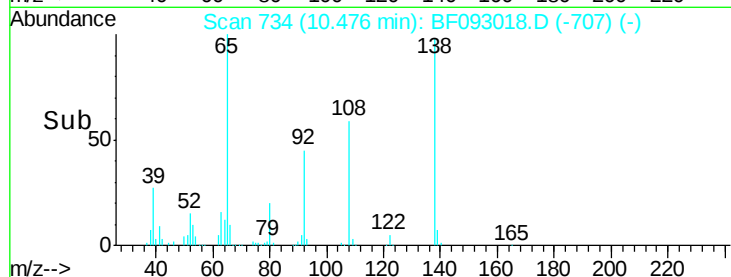
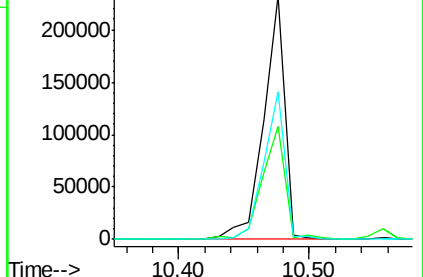
108 60.4 52.6 92.6



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: 54.35 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Tgt Ion: 77 Resp: 1130660

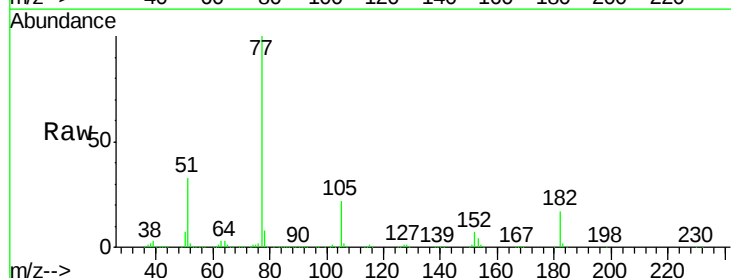
Ion Ratio Lower Upper

77 100

182 16.7 0.0 39.3

105 21.8 2.3 42.3

51 33.0 8.9 48.9

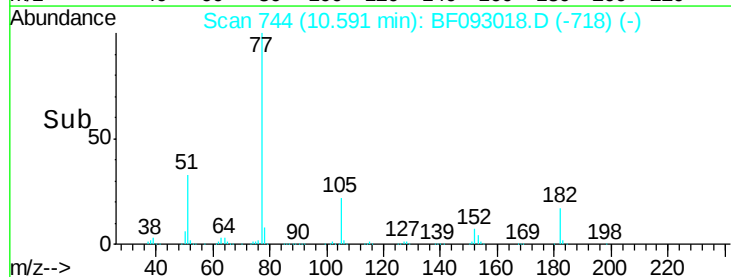
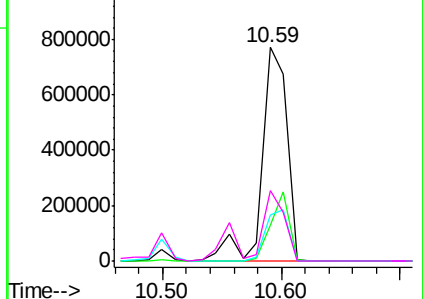


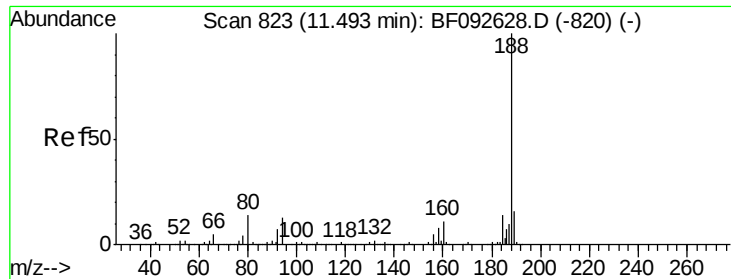
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

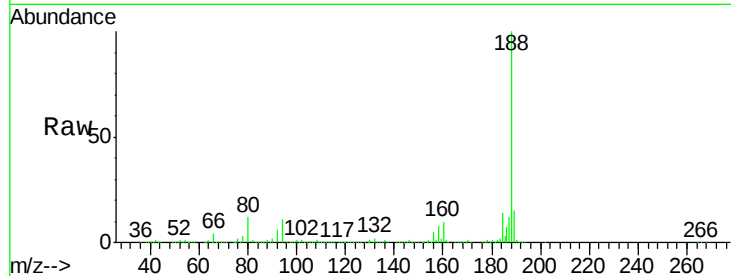




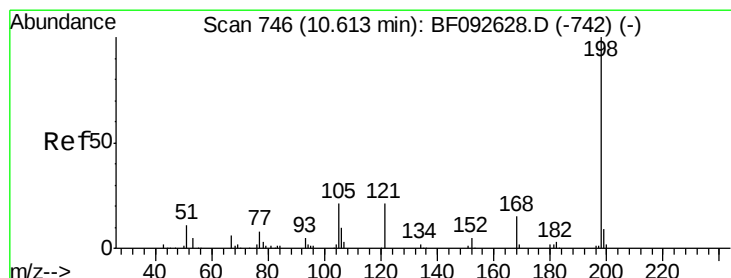
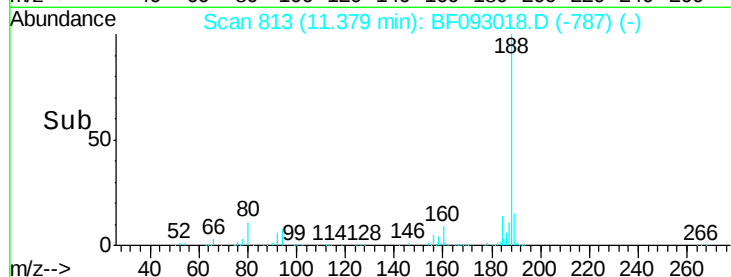
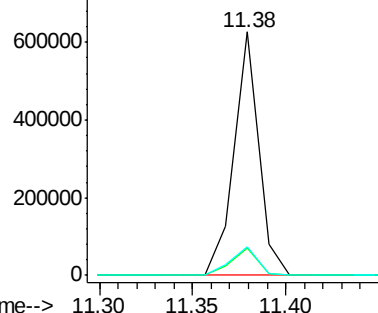
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion:188 Resp: 573980
Ion Ratio Lower Upper
188 100
94 11.1 10.0 15.0
80 11.6 11.2 16.8

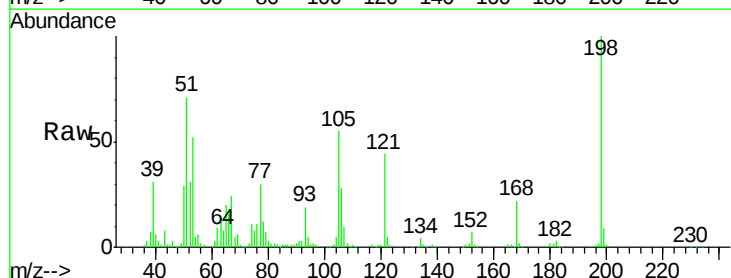


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

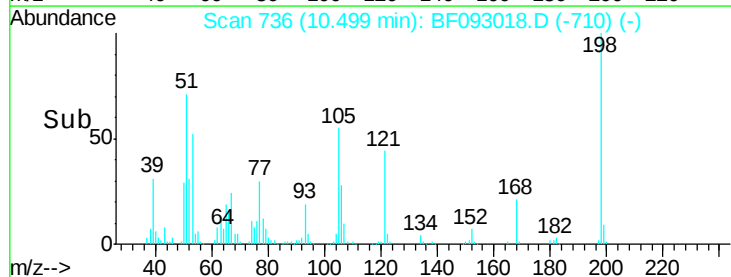
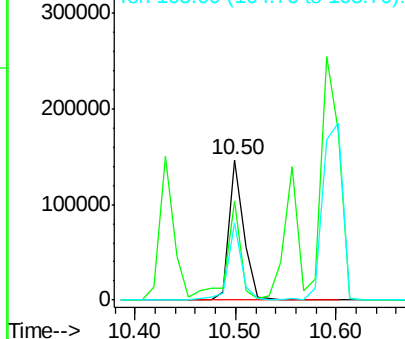


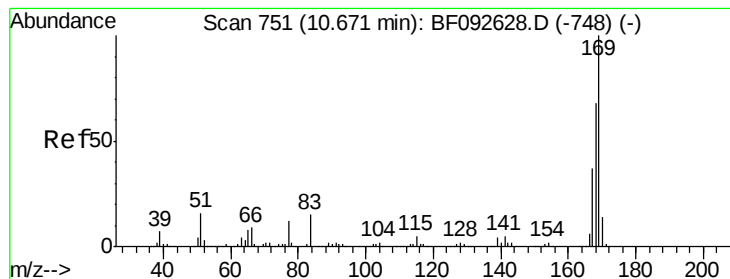
#64
4,6-Dinitro-2-methylphenol
Concen: 43.36 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:198 Resp: 150516
Ion Ratio Lower Upper
198 100
51 70.8 6.7 46.7#
105 54.9 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: 42.45 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

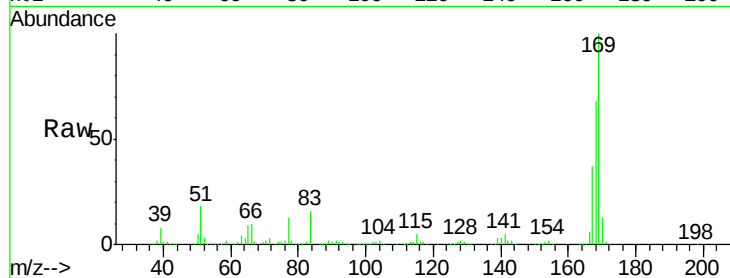
Tgt Ion:169 Resp: 778443

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

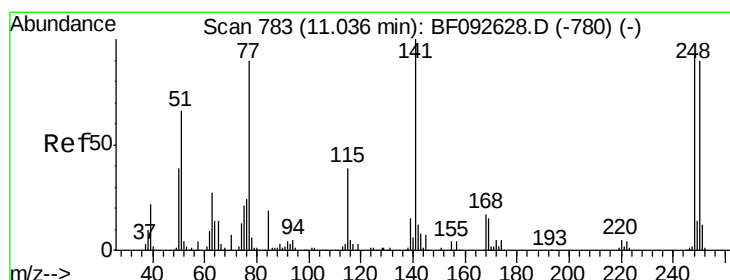
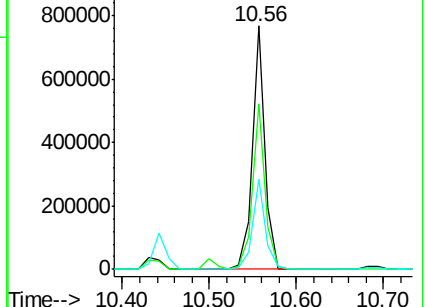
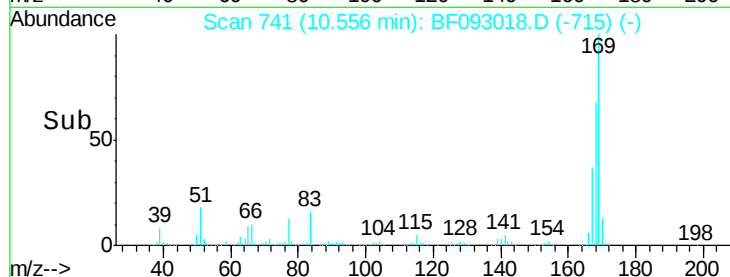
167 37.1 30.2 45.4



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: 41.73 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

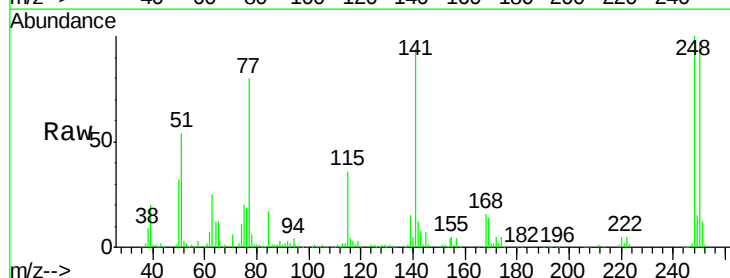
Tgt Ion:248 Resp: 250230

Ion Ratio Lower Upper

248 100

250 96.6 76.9 115.3

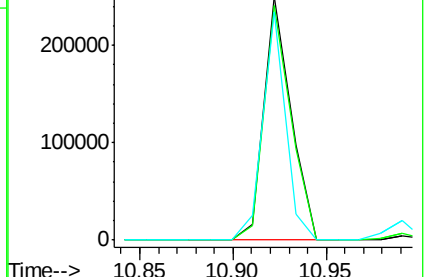
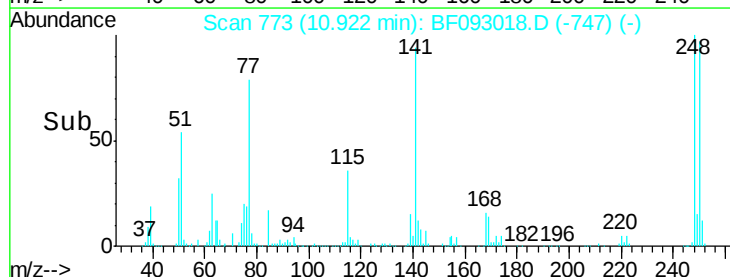
141 94.0 68.2 102.4

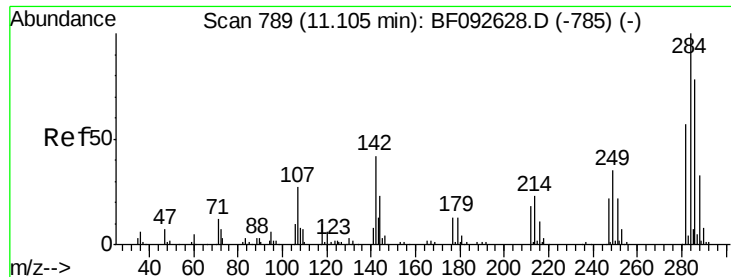


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

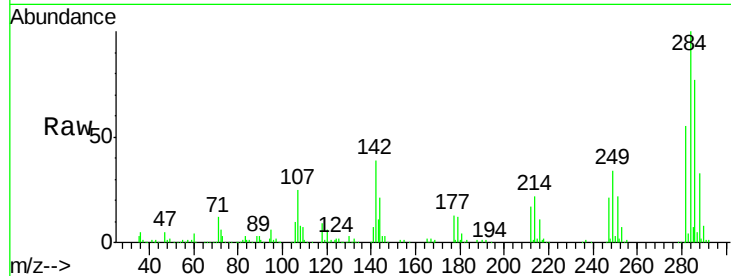




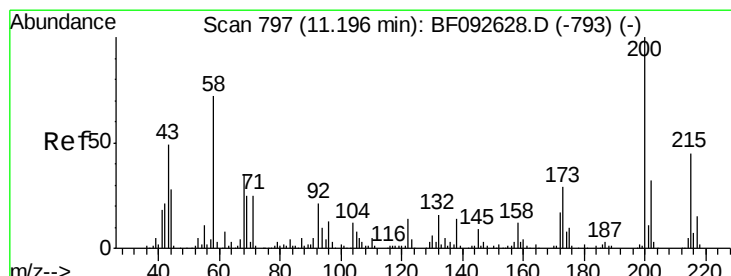
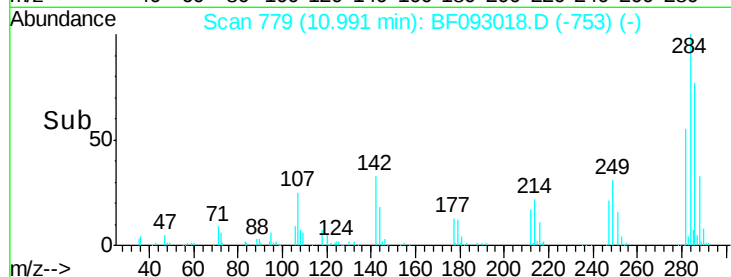
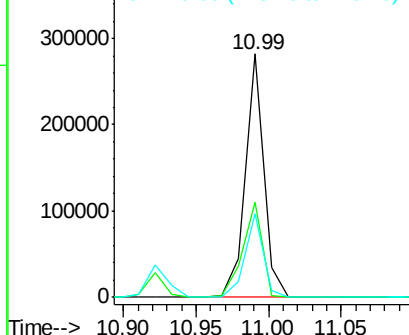
#67
Hexachlorobenzene
Concen: 42.13 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion:284 Resp: 249666
Ion Ratio Lower Upper
284 100
142 38.8 22.6 33.8#
249 34.1 25.4 38.0

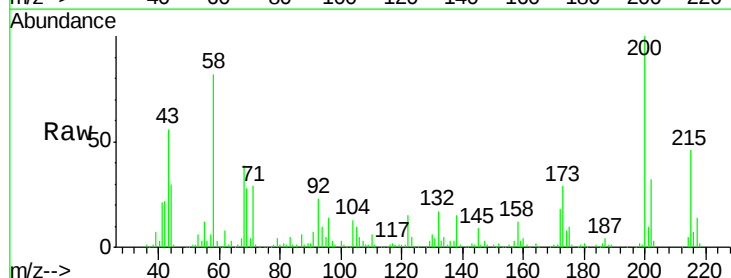


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

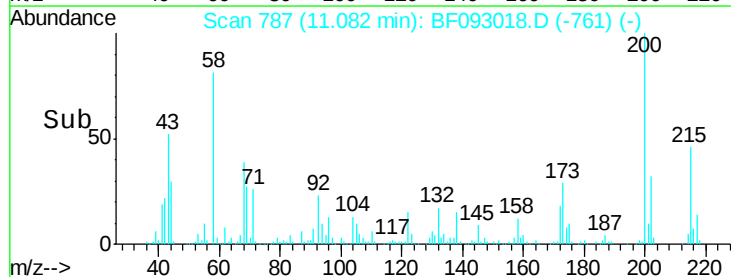
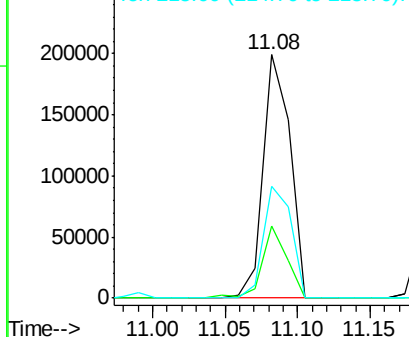


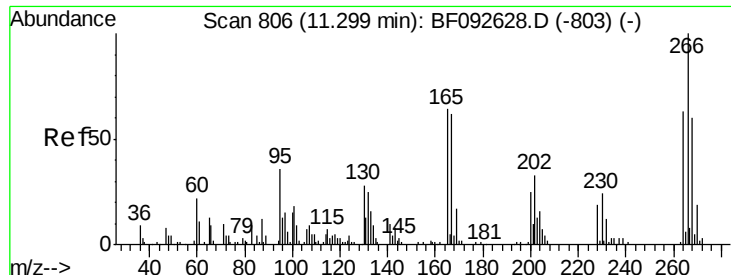
#68
Atrazine
Concen: 43.57 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:200 Resp: 256390
Ion Ratio Lower Upper
200 100
173 29.5 9.6 49.6
215 46.0 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

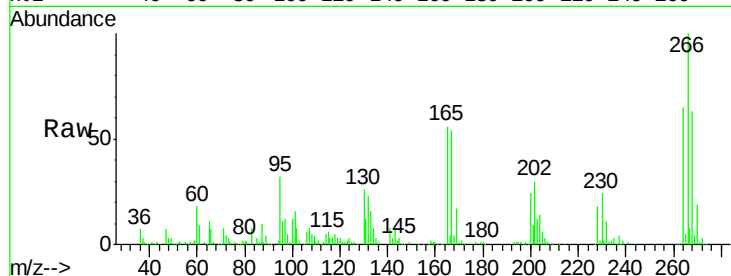




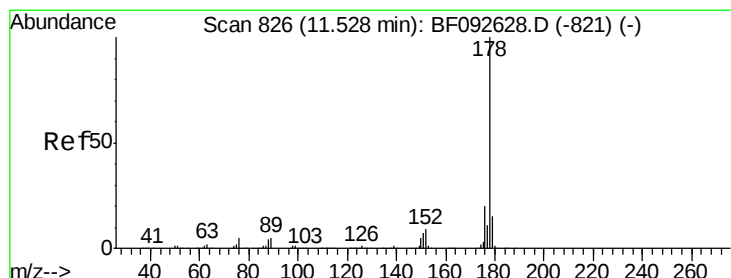
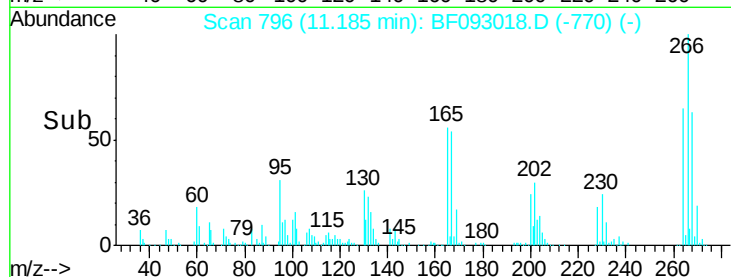
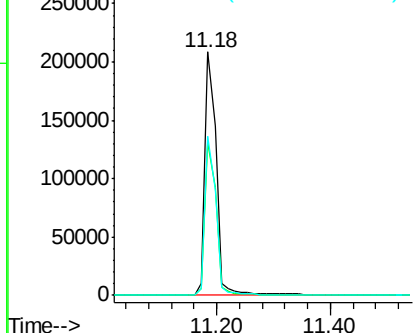
#69
 Pentachlorophenol
 Concen: 88.95 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion:266 Resp: 274823
 Ion Ratio Lower Upper
 266 100
 268 62.9 53.3 79.9
 264 65.2 50.3 75.5

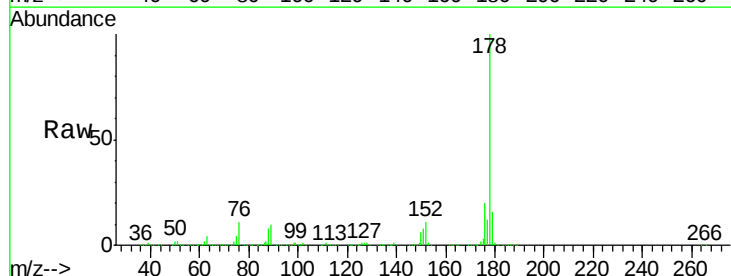


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

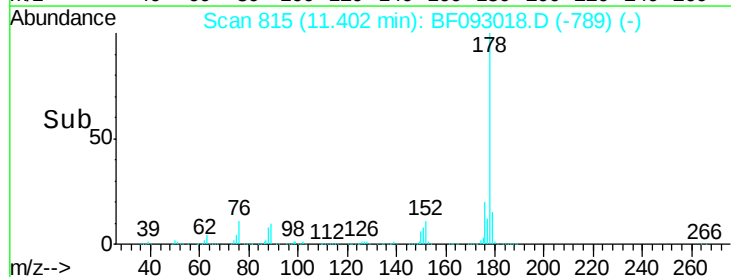
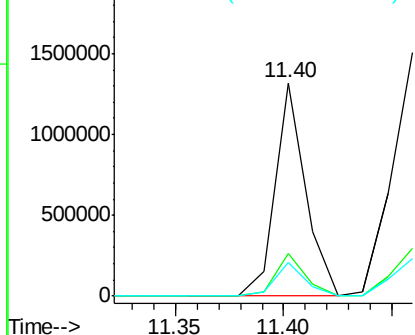


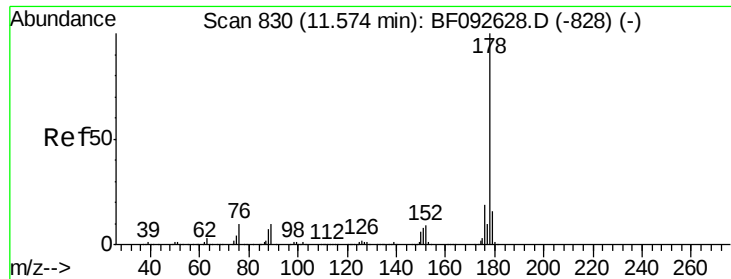
#70
 Phenanthrene
 Concen: 39.21 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:178 Resp: 1289555
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.6 12.8 19.2



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

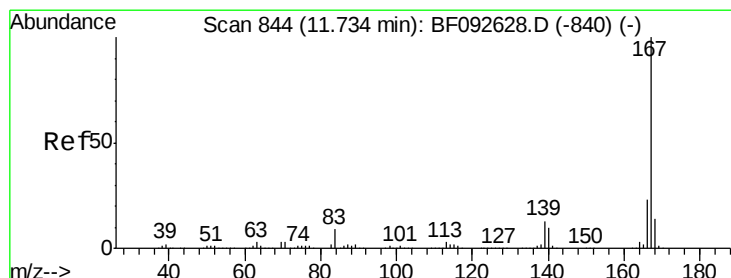
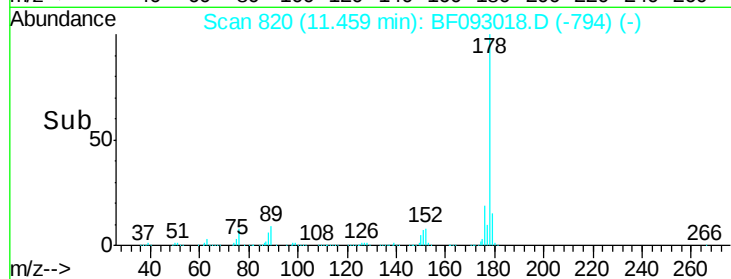
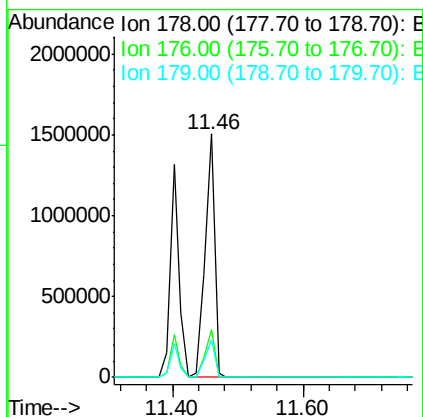
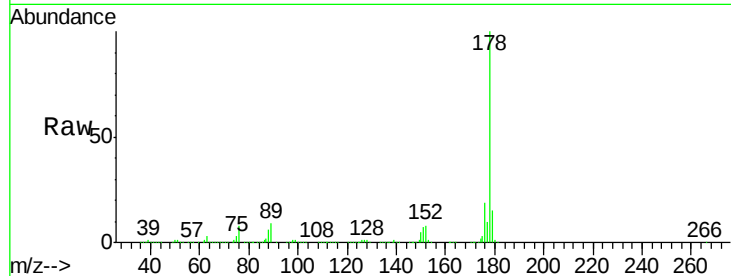




#71
 Anthracene
 Concen: 45.87 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

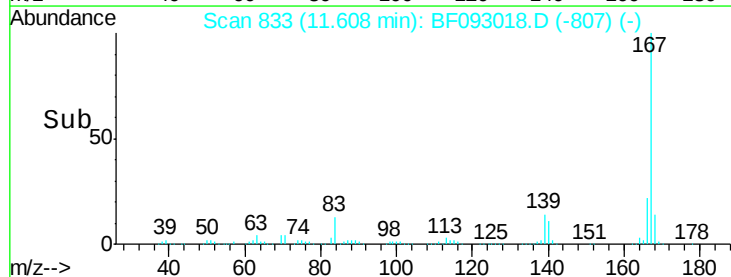
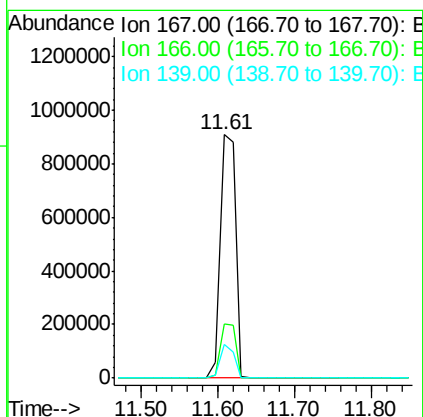
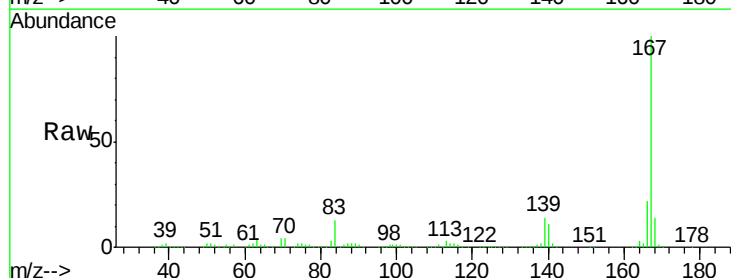
Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

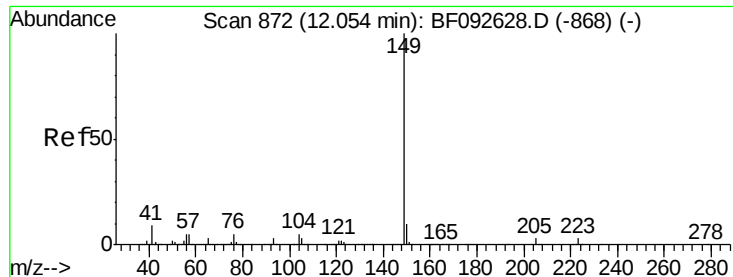
Tgt Ion:178 Resp: 1514757
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.5 13.2 19.8



#72
 Carbazole
 Concen: 40.78 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:167 Resp: 1287445
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 14.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 42.98 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

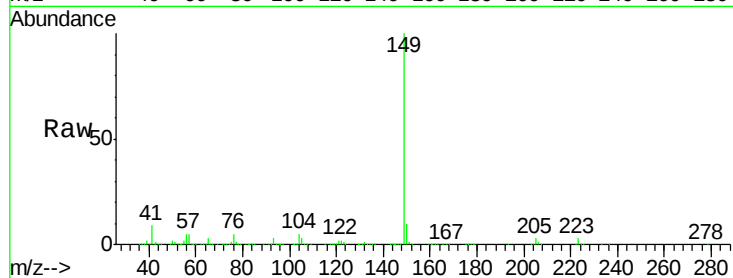
Tgt Ion:149 Resp: 1467432

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

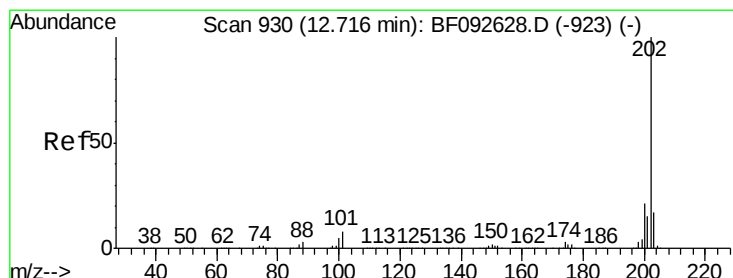
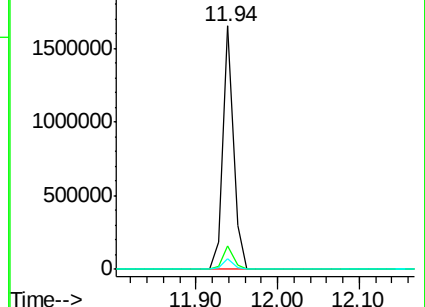
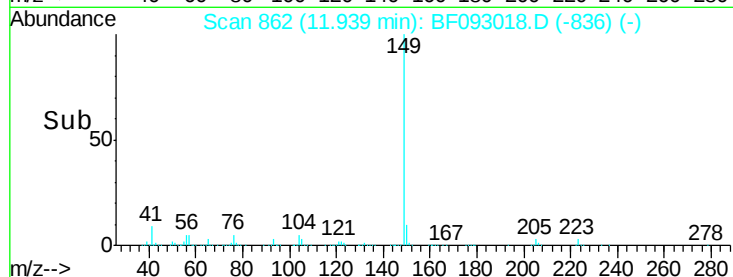
104 4.6 4.6 7.0#



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: 41.47 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

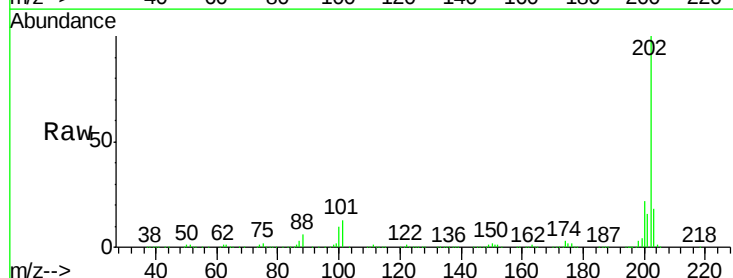
Tgt Ion:202 Resp: 1406703

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.6

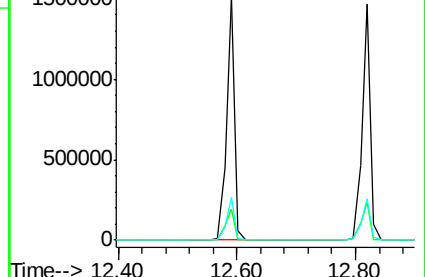
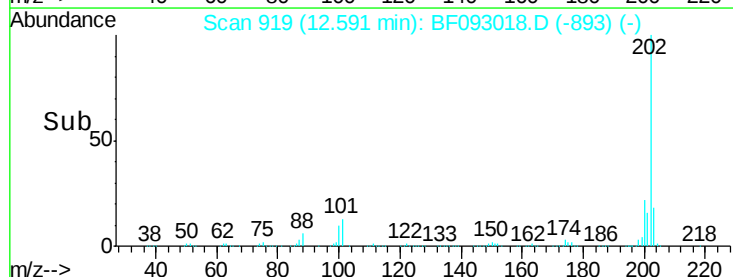
203 17.8 0.0 38.7

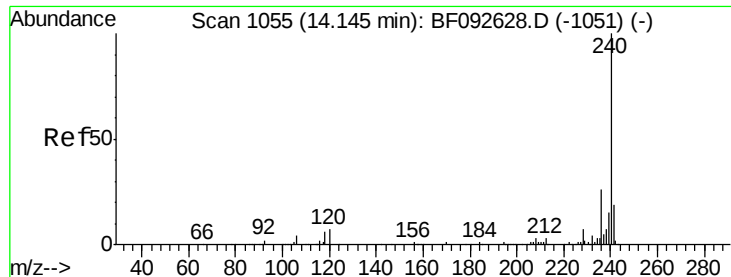


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

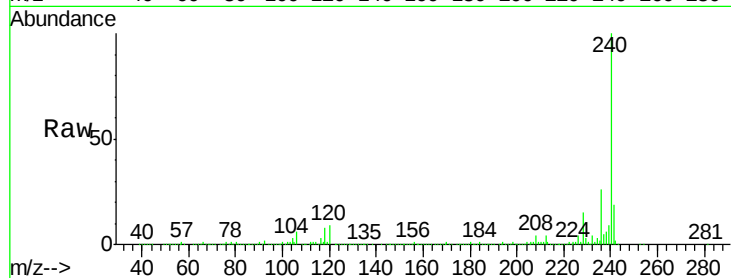
Tgt Ion:240 Resp: 487506

Ion Ratio Lower Upper

240 100

120 9.5 12.9 19.3#

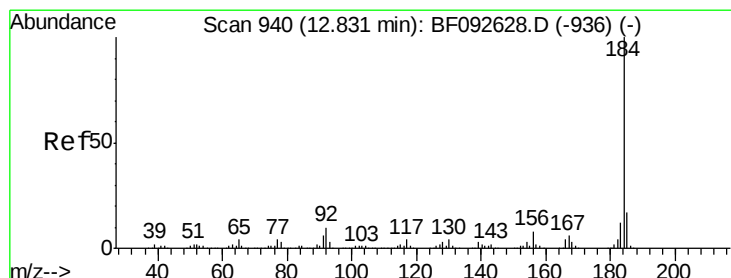
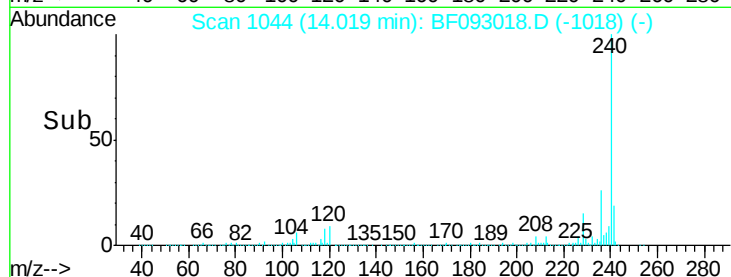
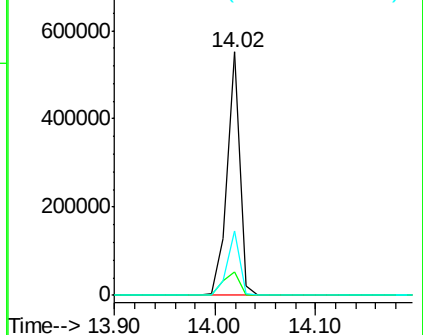
236 26.3 20.9 31.3



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: 10.19 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

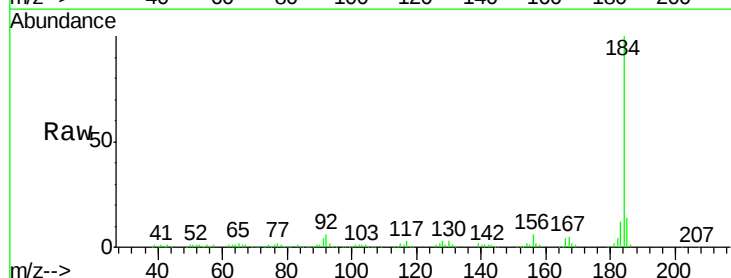
Tgt Ion:184 Resp: 211732

Ion Ratio Lower Upper

184 100

185 13.5 13.4 20.0

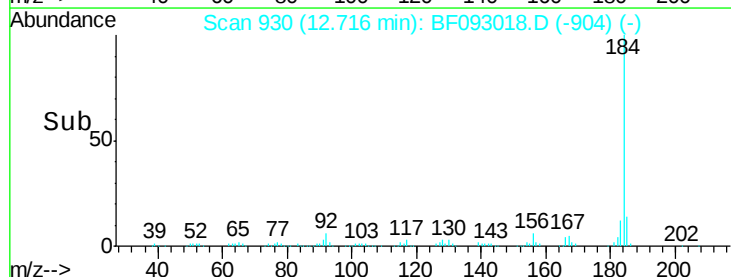
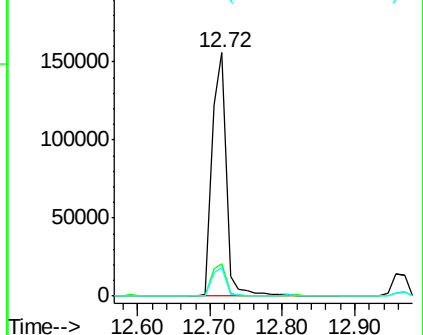
183 11.9 9.2 13.8

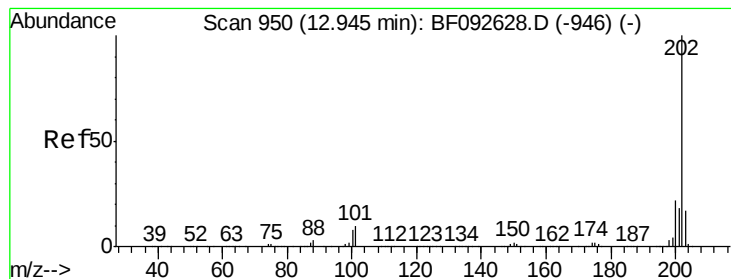


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.54 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

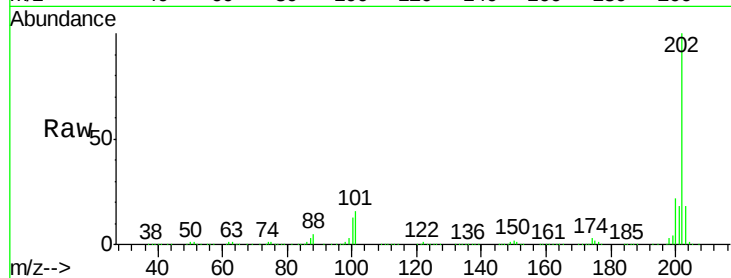
Tgt Ion: 202 Resp: 1406161

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

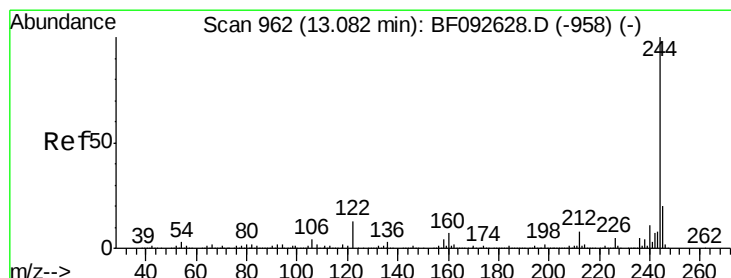
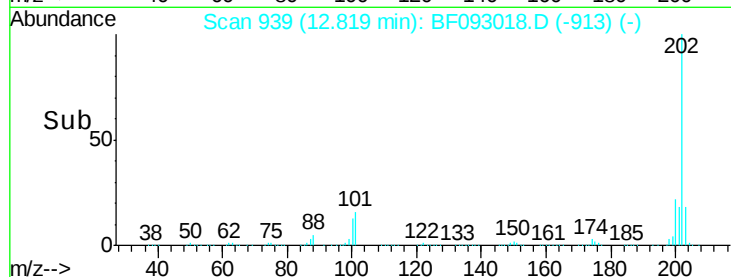
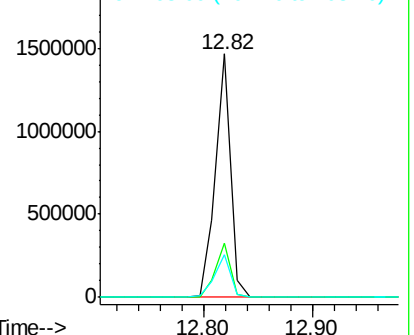
203 17.6 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.74 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

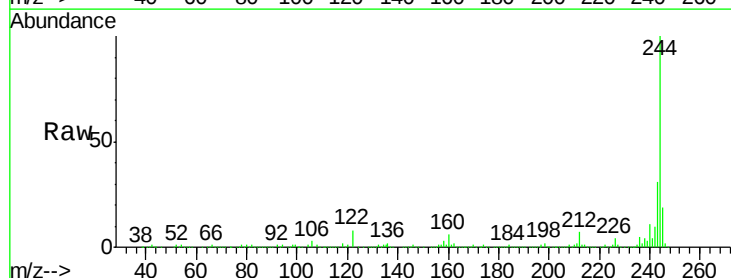
Tgt Ion: 244 Resp: 1592125

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

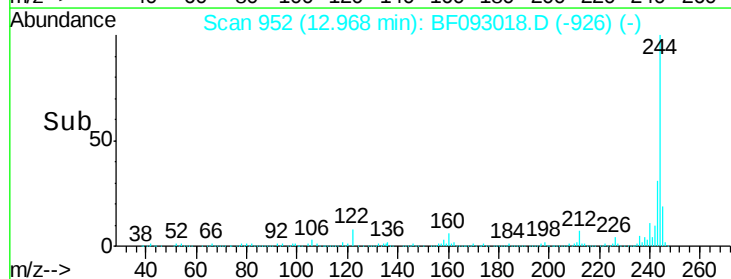
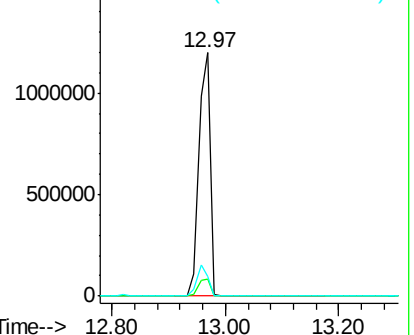
122 8.1 11.4 17.2#

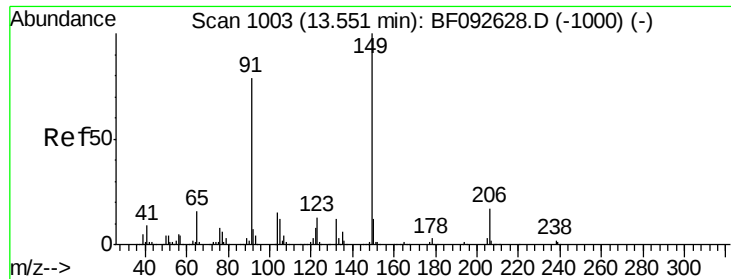


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

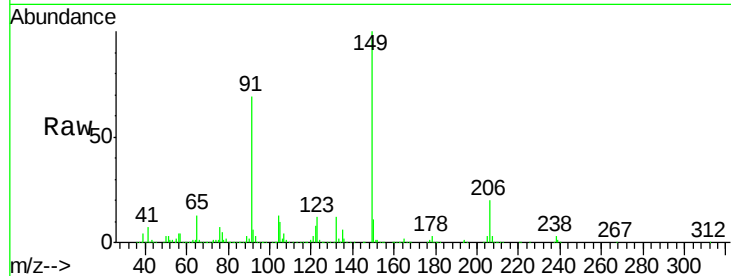




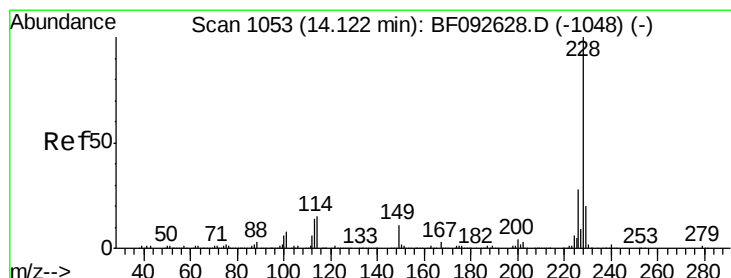
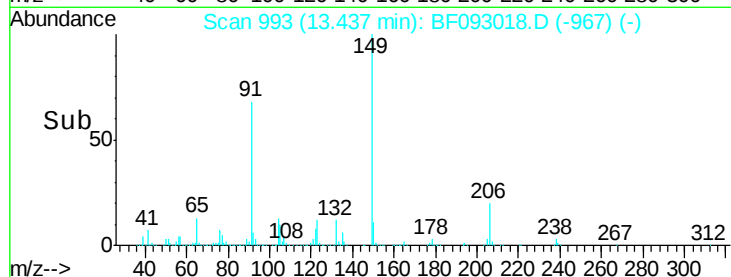
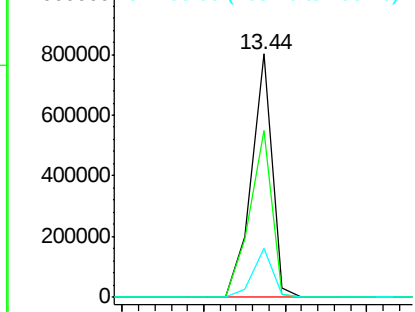
#79
Butylbenzylphthalate
Concen: 47.83 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampled :
M-3MS

Tgt Ion:149 Resp: 708551
Ion Ratio Lower Upper
149 100
91 68.5 63.9 95.9
206 20.1 14.6 21.8

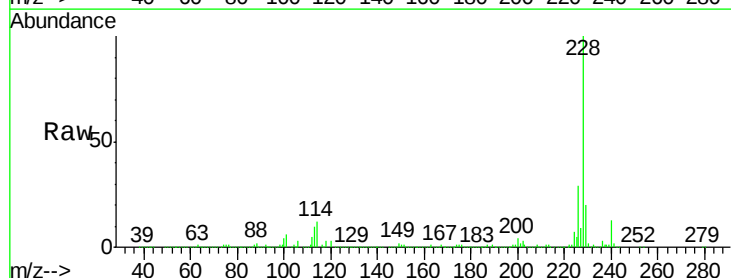


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

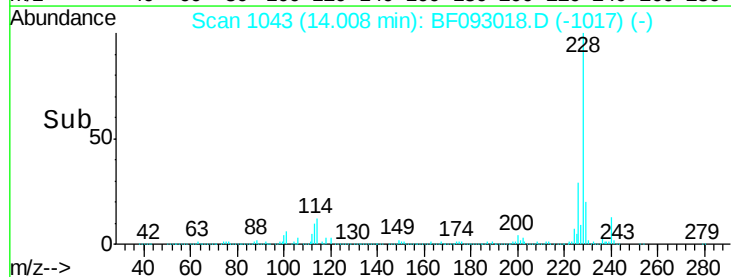
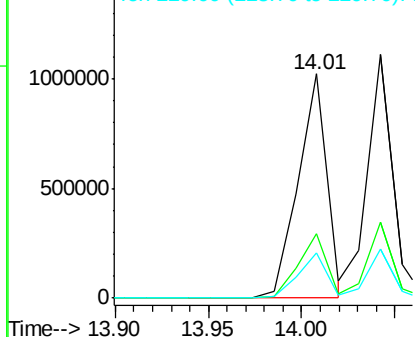


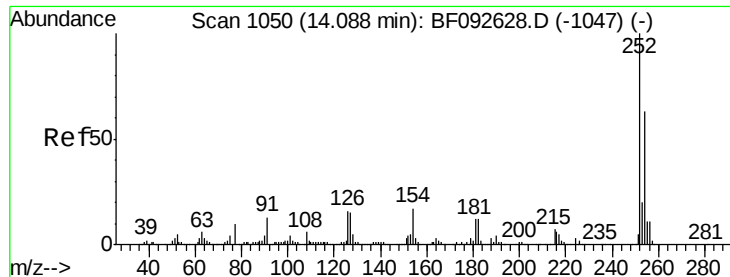
#80
Benzo(a)anthracene
Concen: 37.11 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:228 Resp: 1106504
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 20.1 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

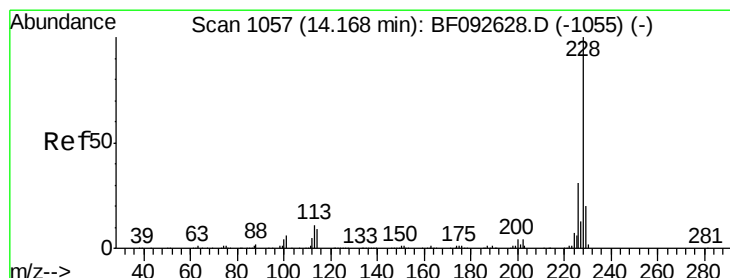
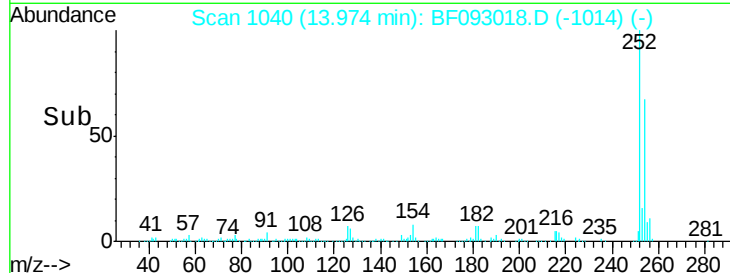
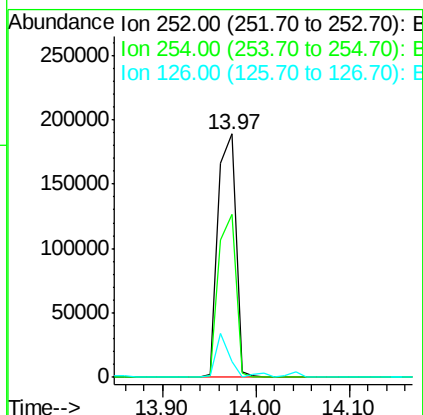
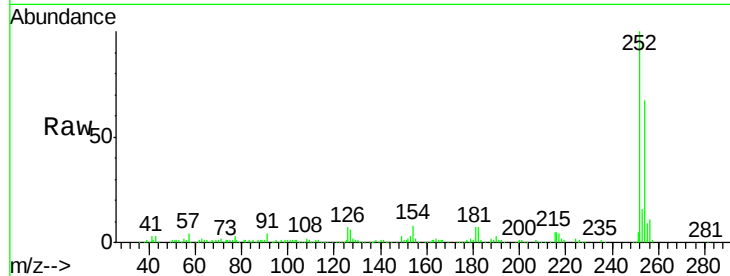




#81
 3,3'-Dichlorobenzidine
 Concen: 23.60 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

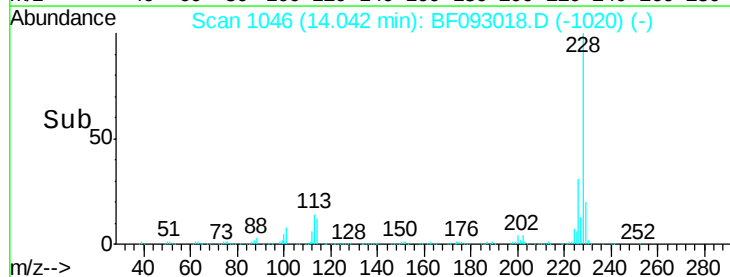
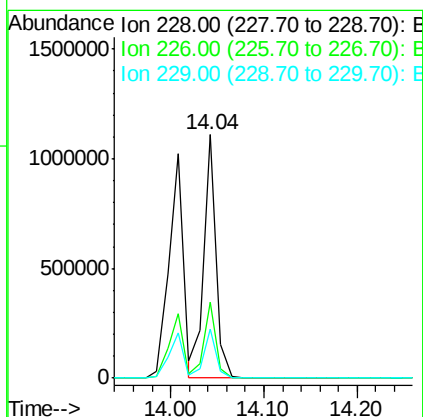
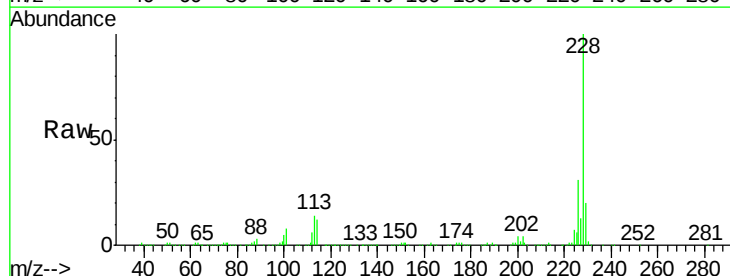
Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

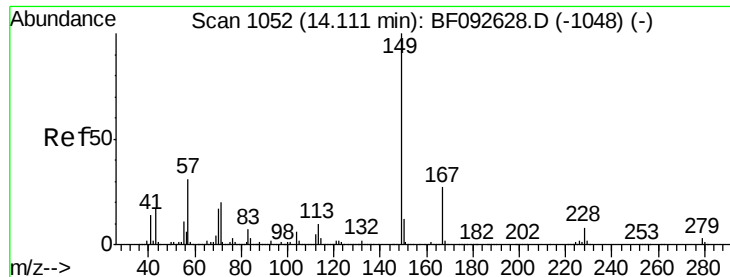
Tgt Ion: 252 Resp: 250852
 Ion Ratio Lower Upper
 252 100
 254 66.8 52.3 78.5
 126 6.6 13.6 20.4#



#82
 Chrysene
 Concen: 36.91 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion: 228 Resp: 1030498
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.2 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.88 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampled :

M-3MS

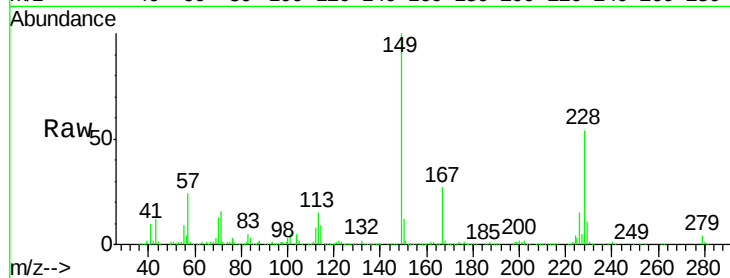
Tgt Ion:149 Resp: 929579

Ion Ratio Lower Upper

149 100

167 27.1 20.2 30.4

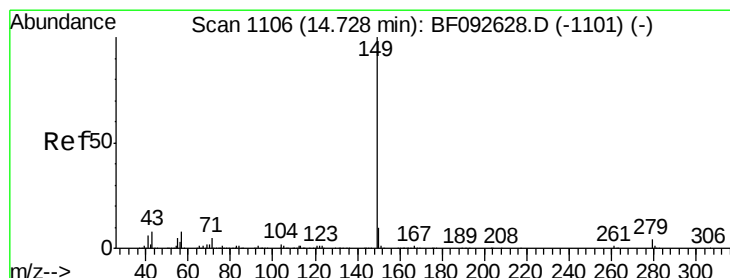
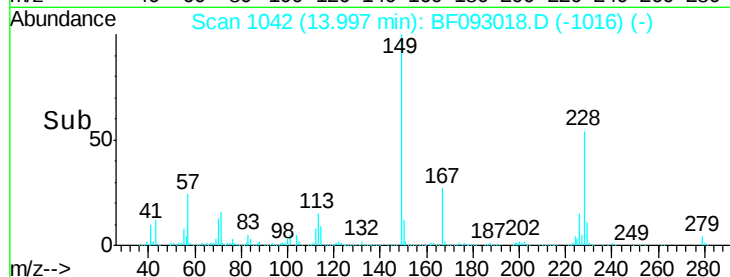
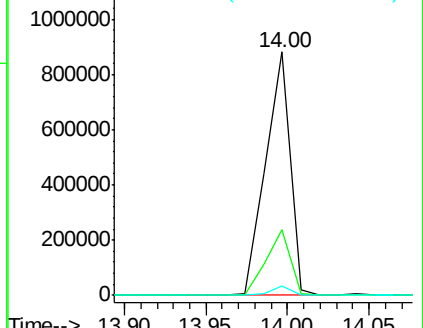
279 3.8 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.57 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

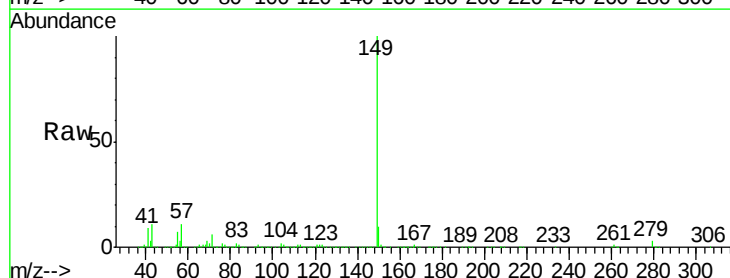
Tgt Ion:149 Resp: 1536541

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

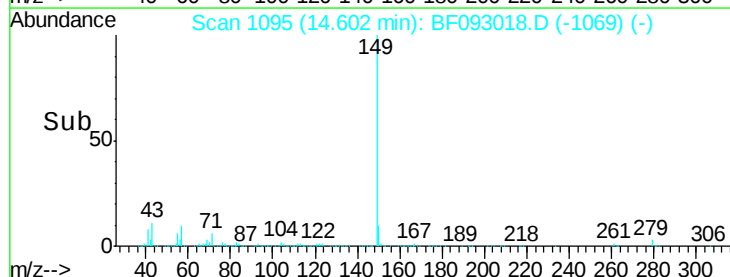
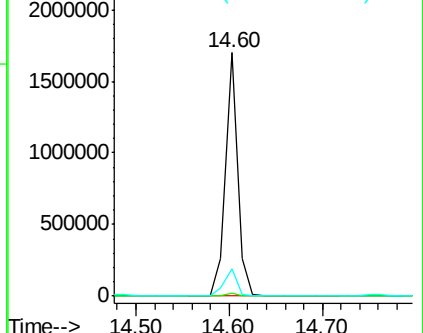
43 11.8 8.9 13.3

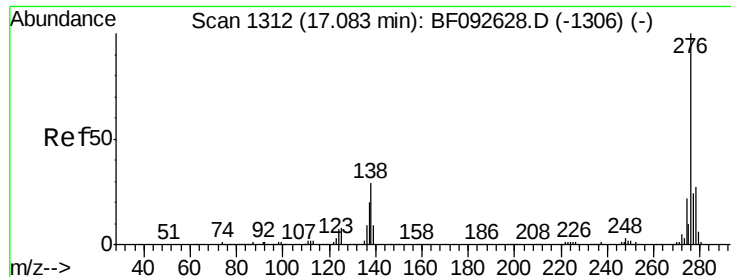


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

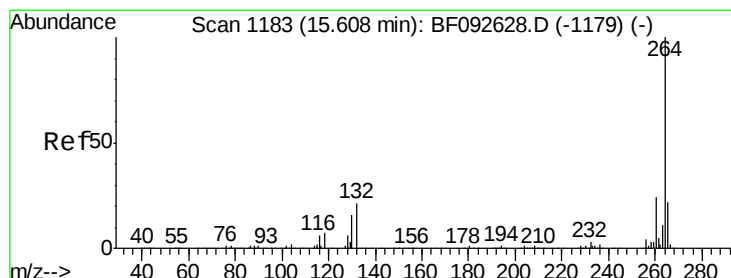
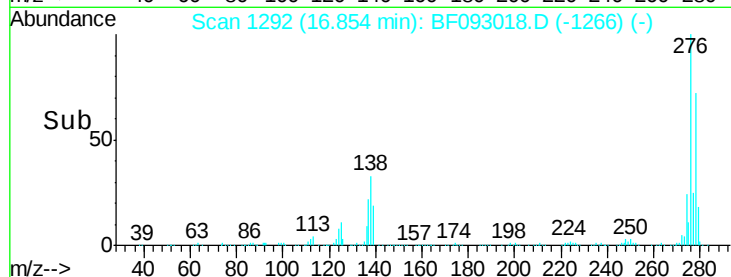
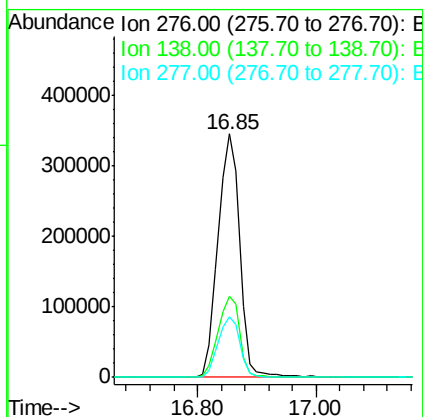
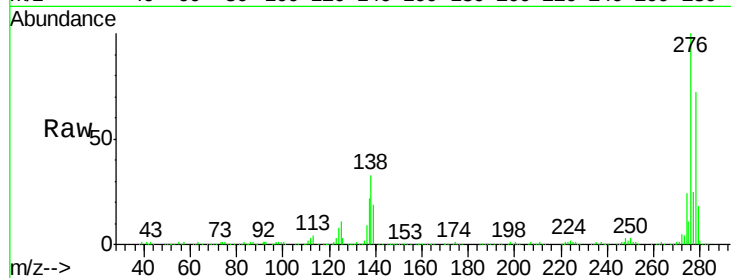




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.64 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

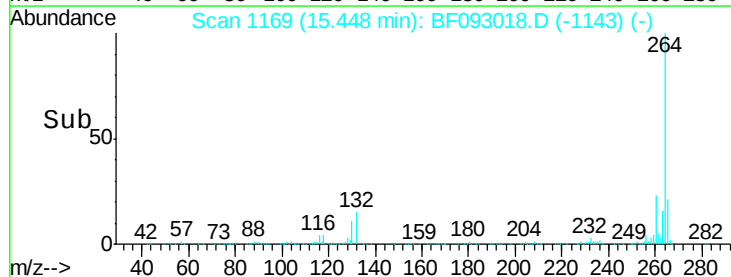
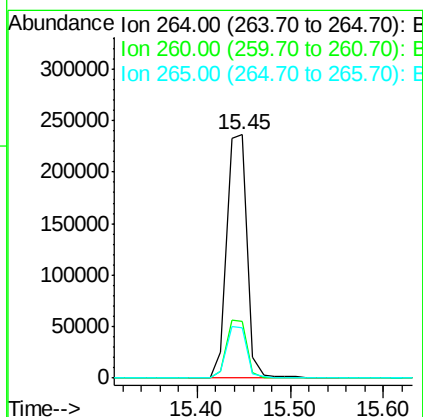
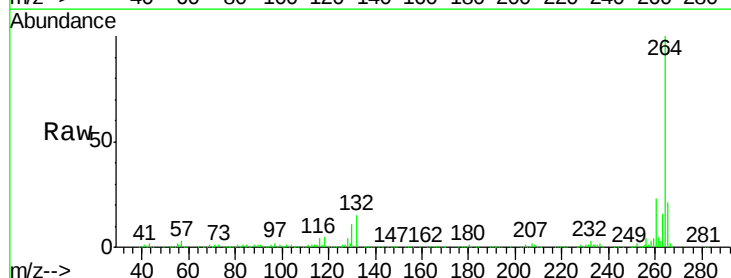
Instrument :
BNA_F
ClientSampleId :
M-3MS

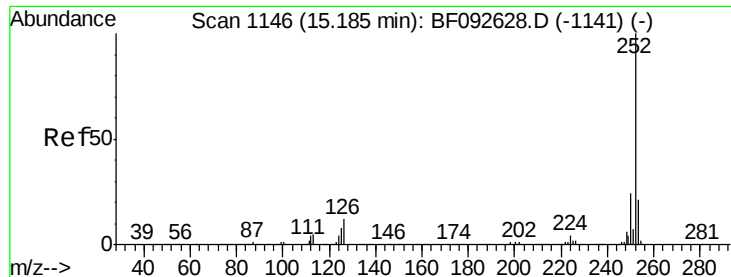
Tgt Ion: 276 Resp: 878888
Ion Ratio Lower Upper
276 100
138 33.5 21.8 32.6#
277 25.2 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion: 264 Resp: 359522
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 20.8 17.4 26.0

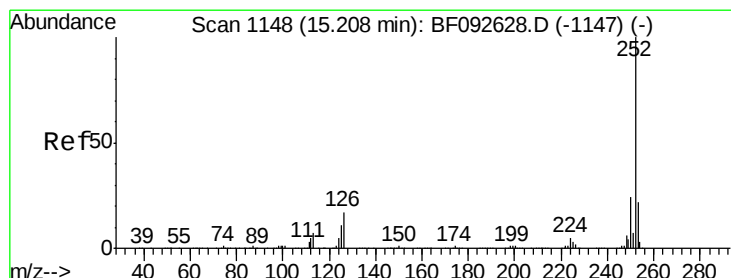
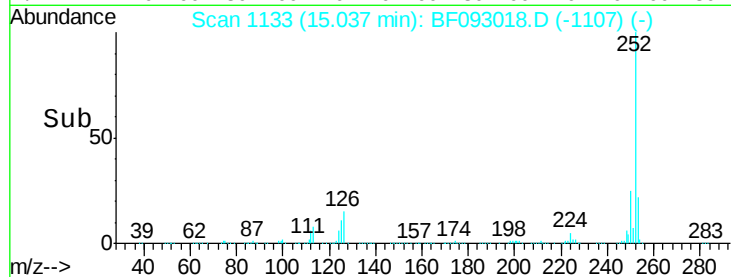
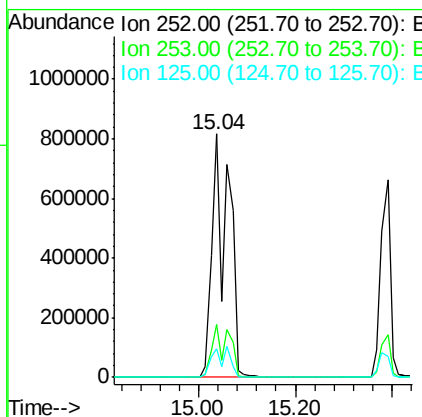
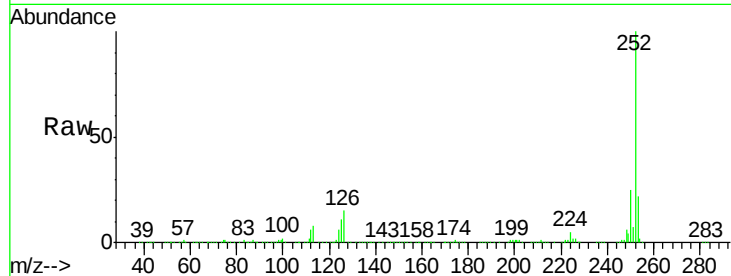




#87
Benzo(b)fluoranthene
Concen: 82.79 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

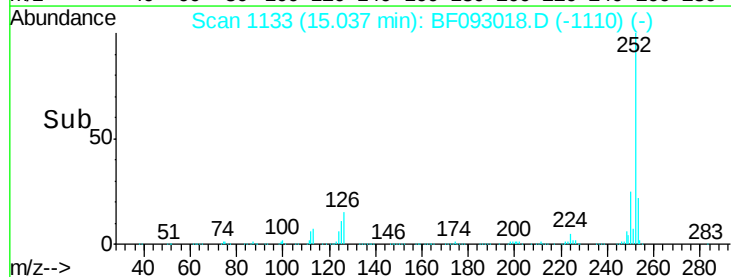
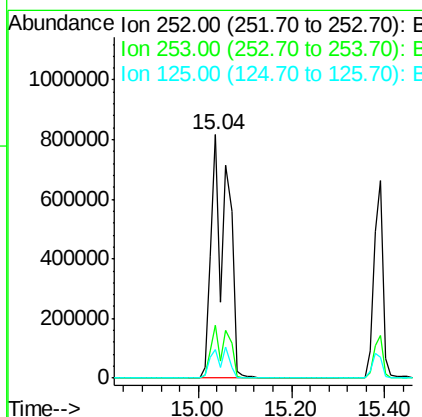
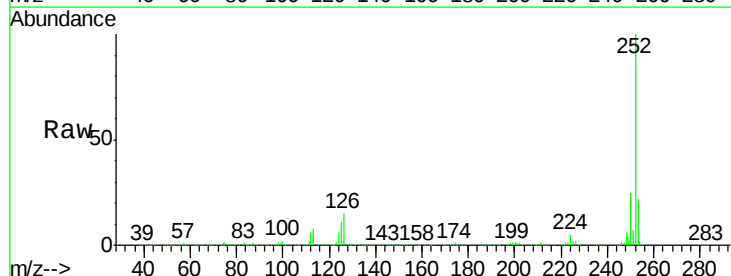
Instrument :
BNA_F
ClientSampleId :
M-3MS

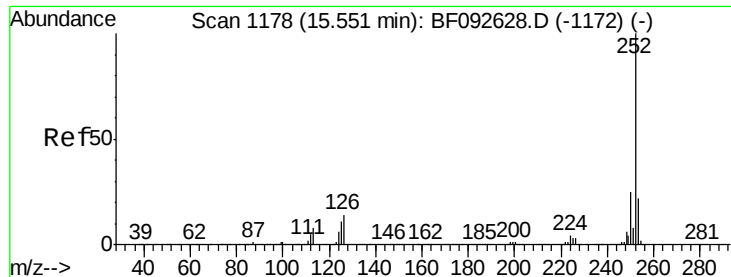
Tgt Ion:252 Resp: 1959221
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 11.5 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 95.91 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:252 Resp: 1959675
Ion Ratio Lower Upper
252 100
253 21.6 18.5 27.7
125 11.5 8.9 13.3

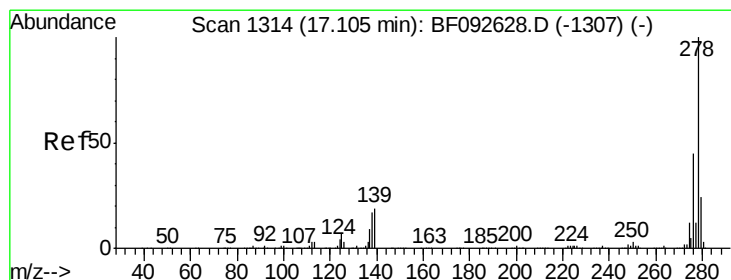
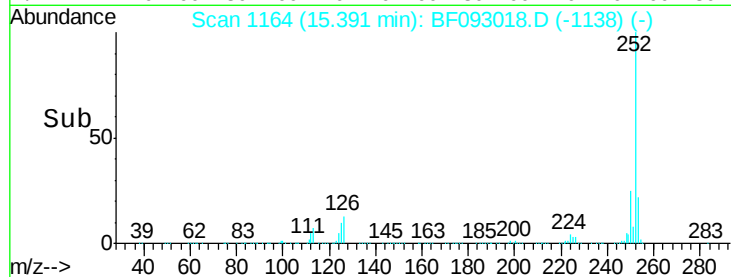
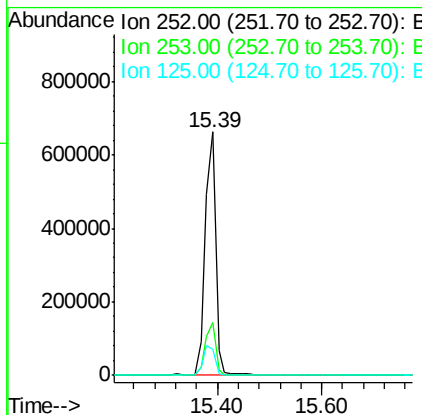
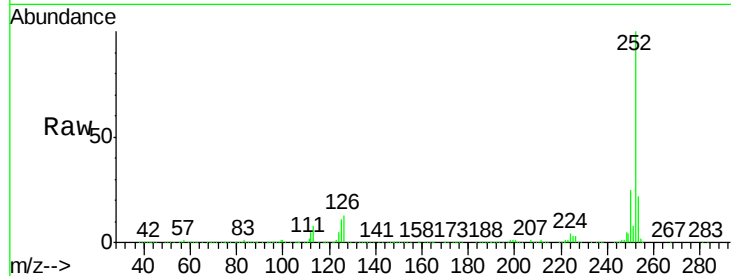




#89
Benzo(a)pyrene
Concen: 45.11 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

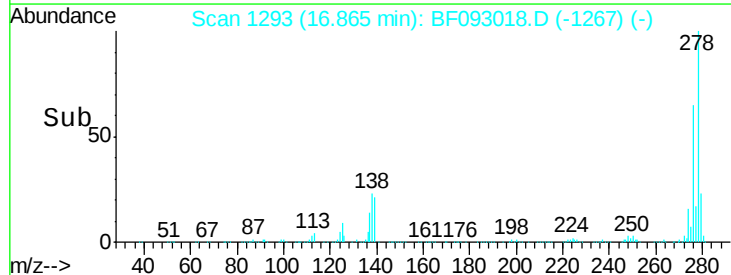
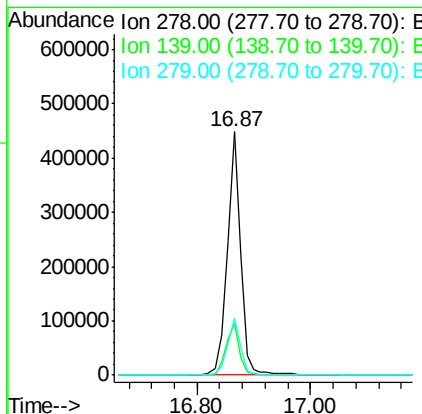
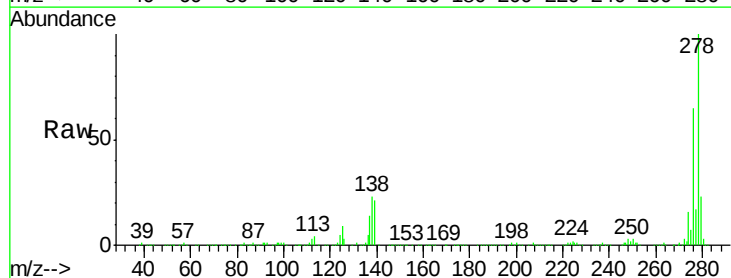
Instrument :
BNA_F
ClientSampleId :
M-3MS

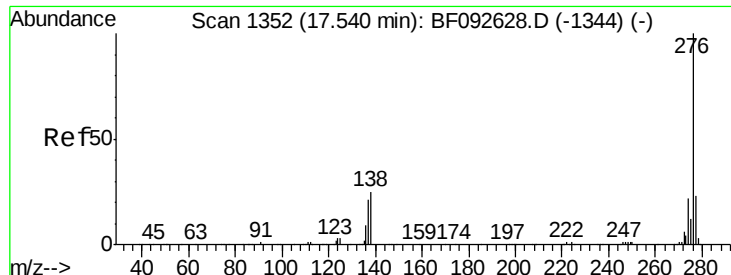
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.5	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 44.82 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.8	22.2
279	23.4	19.8	29.6

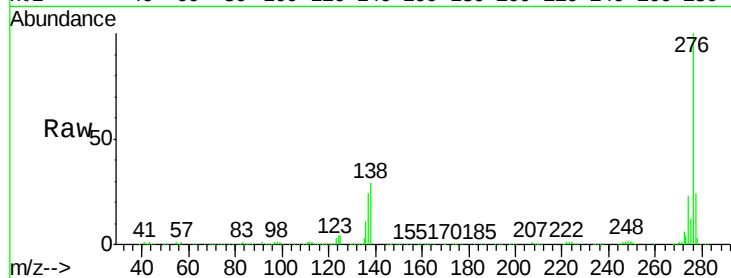




#91
 Benzo(g,h,i)perylene
 Concen: 45.35 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	28.6	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

