

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095274.D
 Acq On : 19 May 2017 21:07
 Operator : SJ/MA
 Sample : I3203-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 00:31:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

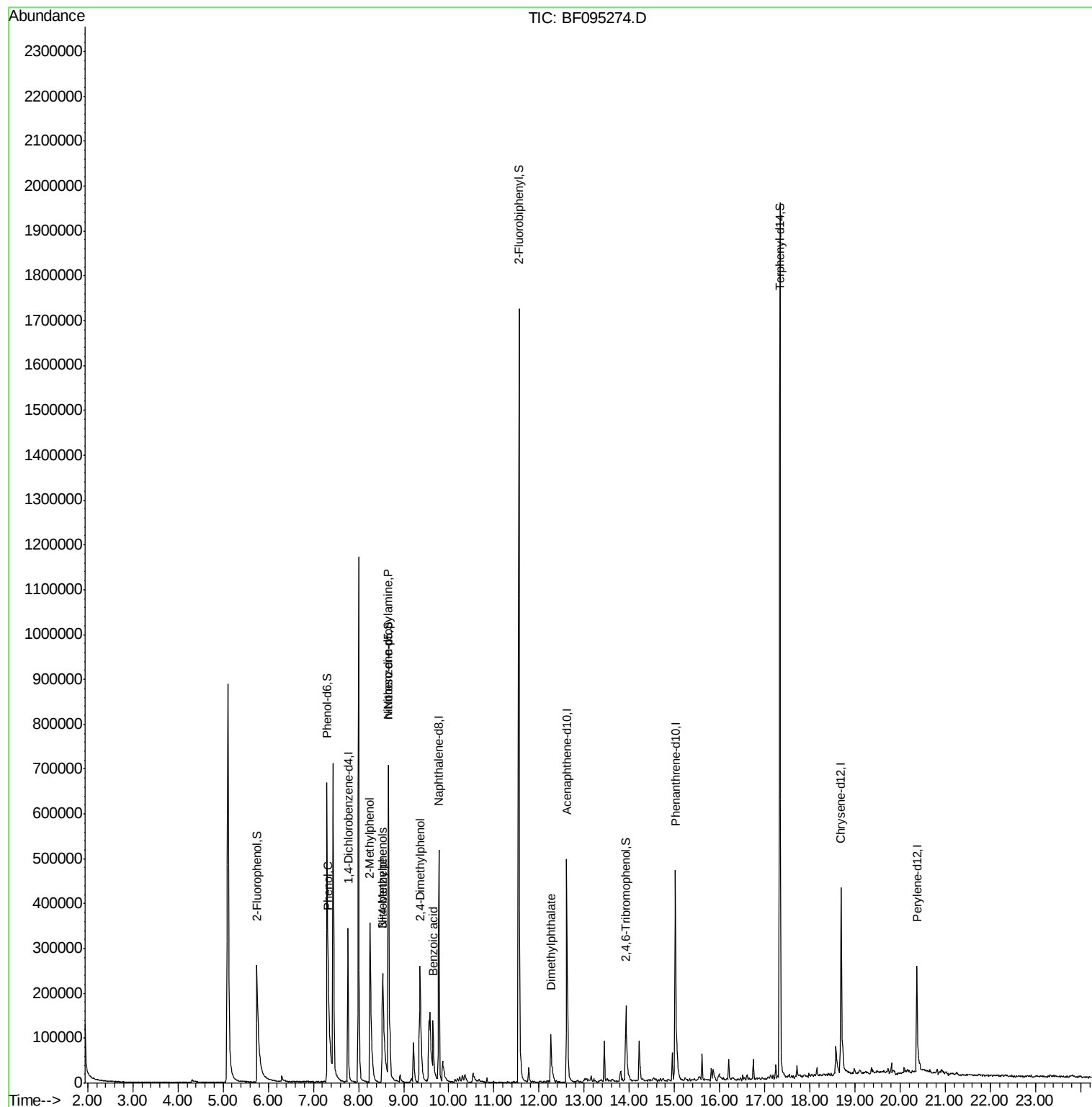
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	81412	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	353358	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	171162	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	334325	20.00	ng	0.00
75) Chrysene-d12	18.69	240	265135	20.00	ng	0.00
86) Perylene-d12	20.37	264	160335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	253496	51.91	ng	0.01
7) Phenol-d6	7.30	99	548225	93.57	ng	-0.01
23) Nitrobenzene-d5	8.67	82	407171	72.66	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	45795	32.67	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	900253	75.70	ng	0.00
78) Terphenyl-d14	17.34	244	824887	68.53	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.33	94	92202	14.93	ng	93
17) 2-Methylphenol	8.26	107	157315	34.59	ng	92
19) n-Nitroso-di-n-propylamine	8.66	70	49766	12.56	ng	# 75
20) 3+4-Methylphenols	8.54	107	215015	34.79	ng	# 61
24) Nitrobenzene	8.53	77	59673	10.16	ng	# 46
27) 2,4-Dimethylphenol	9.37	122	136878	26.71	ng	93
32) Benzoic acid	9.65	122	51519	18.77	ng	# 16
49) Dimethylphthalate	12.26	163	108611	7.73	ng	96

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

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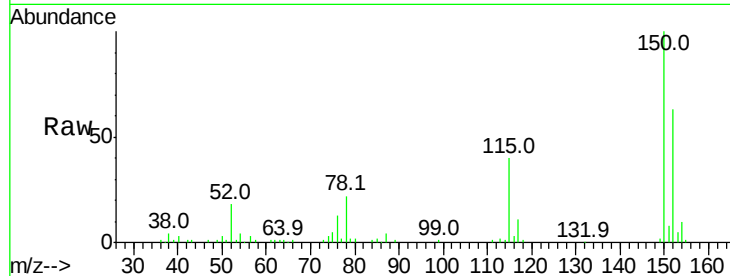


#1

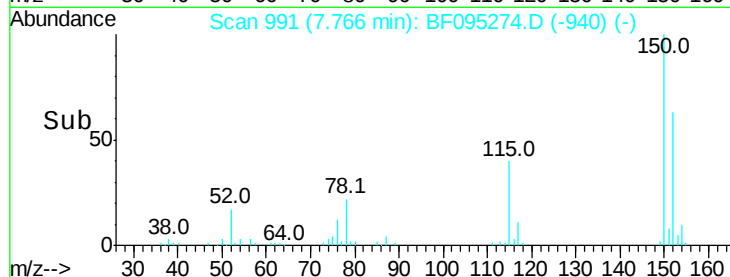
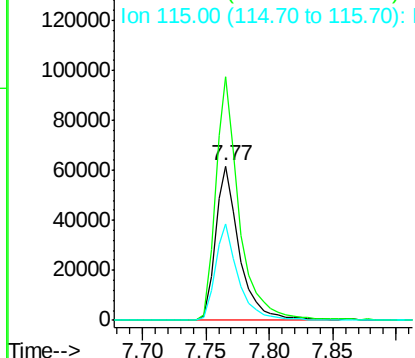
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095274.D
Acq: 19 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81412
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 62.5 52.2 78.2



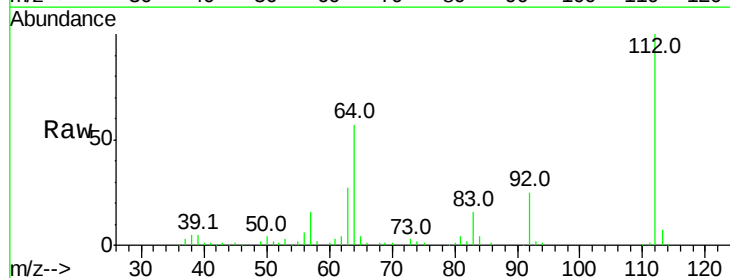
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



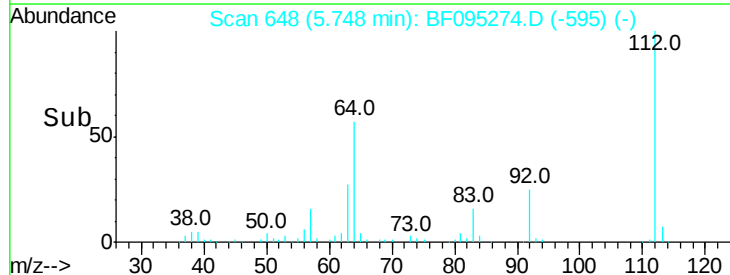
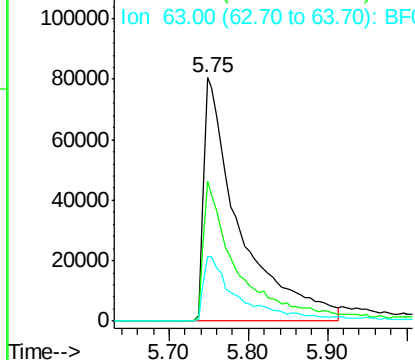
#5

2-Fluorophenol
Concen: 51.91 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095274.D
Acq: 19 May 2017 21:07

Tgt Ion:112 Resp: 253496
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 26.6 23.4 35.0



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





#7

Phenol-d6

Concen: 93.57 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

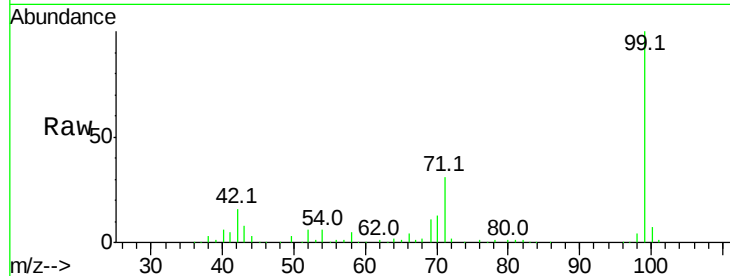
Tot Ion: 99 Resp: 548225

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

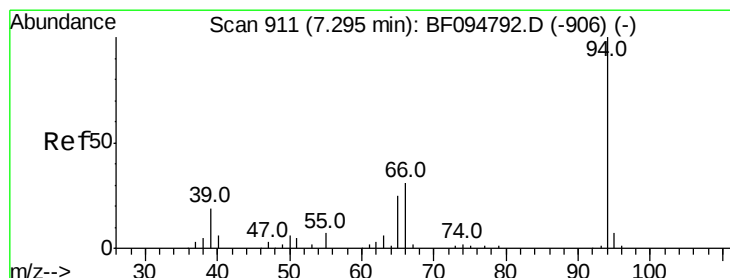
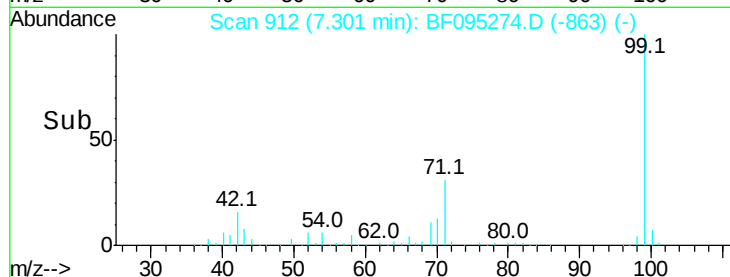
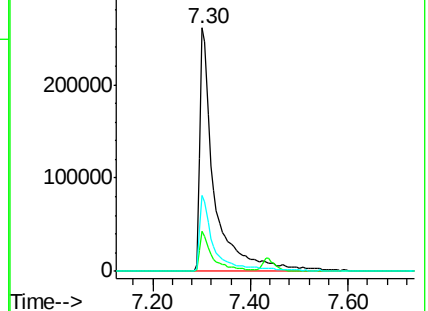
71 31.1 24.5 36.7



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



#10

Phenol

Concen: 14.93 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

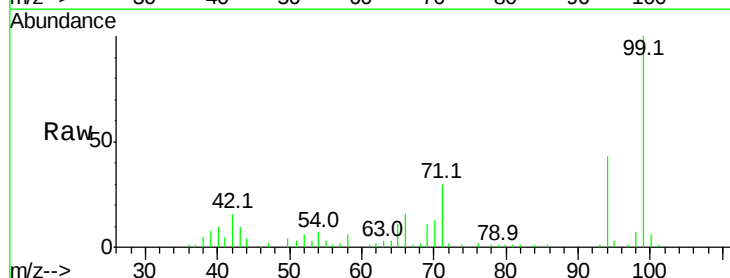
Tgt Ion: 94 Resp: 92202

Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

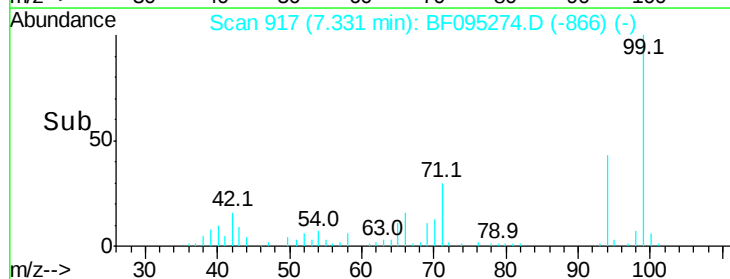
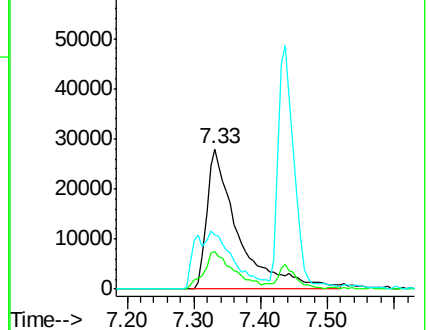
66 38.4 23.1 63.1

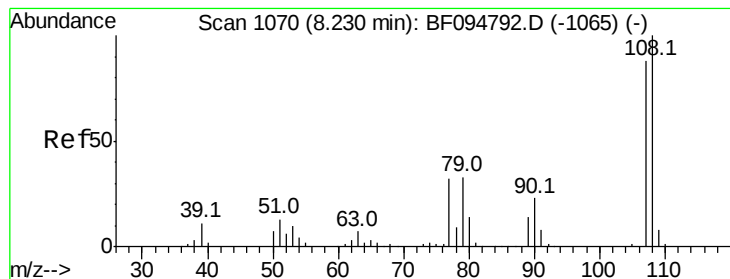


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#17

2-Methylphenol

Concen: 34.59 ng

RT: 8.26 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 157315

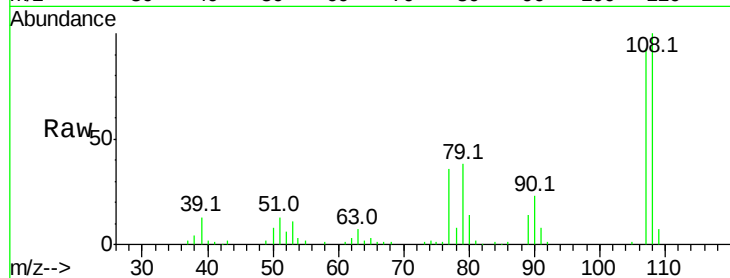
Ion Ratio Lower Upper

107 100

108 107.3 93.4 140.0

77 38.2 35.8 53.6

79 40.7 34.8 52.2

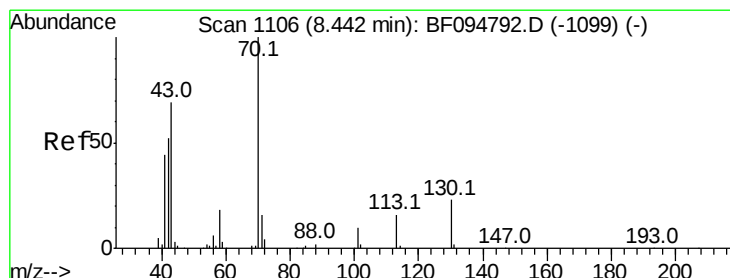
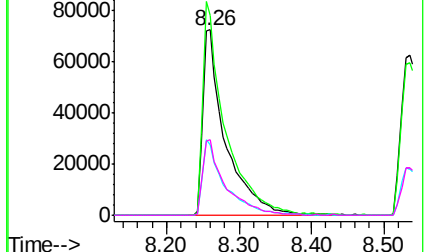
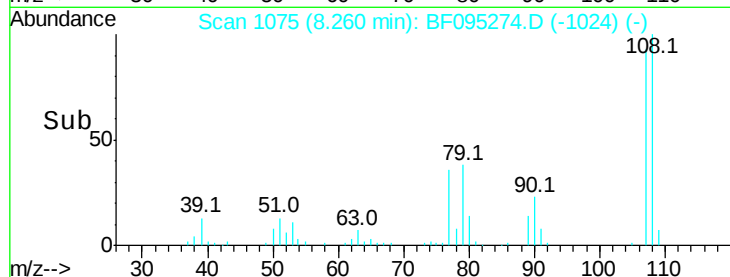


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 12.56 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

Tgt Ion: 70 Resp: 49766

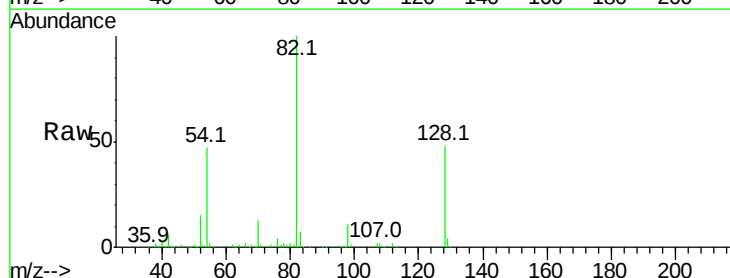
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.6 15.9 23.9#

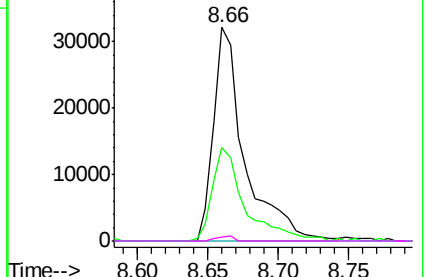
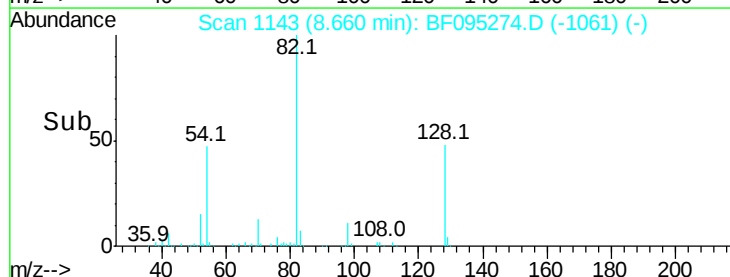


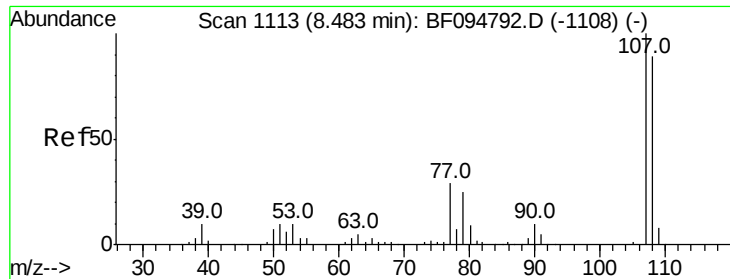
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

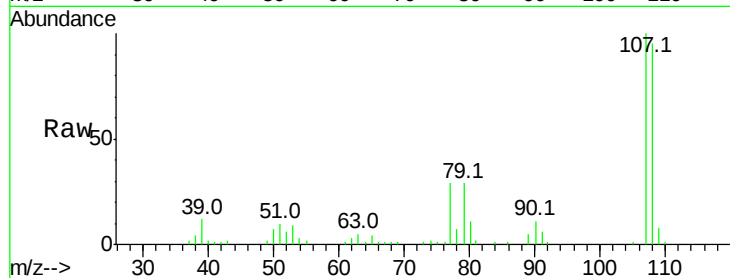




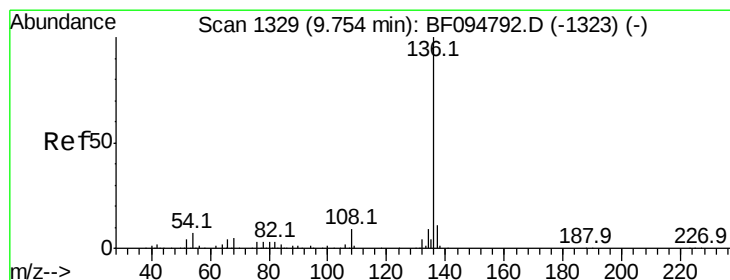
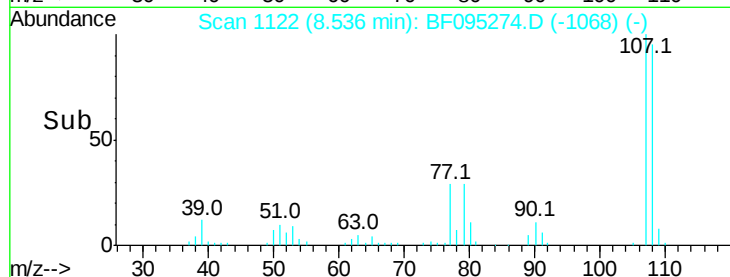
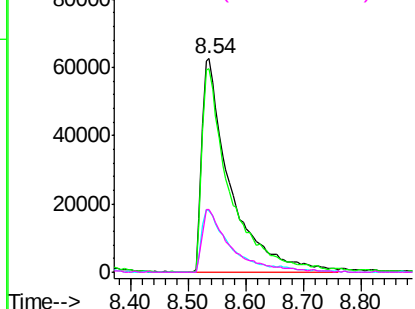
#20
 3+4-Methylphenols
 Concen: 34.79 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. 0.02 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	107	Resp:	215015
Ion	Ratio	Lower	Upper
107	100		
108	95.2	71.0	111.0
77	28.7	90.5	130.5#
79	29.4	8.4	48.4

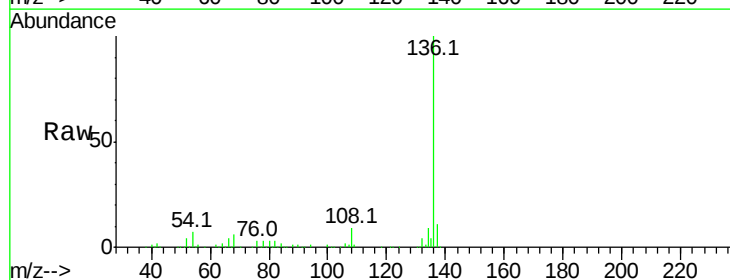


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

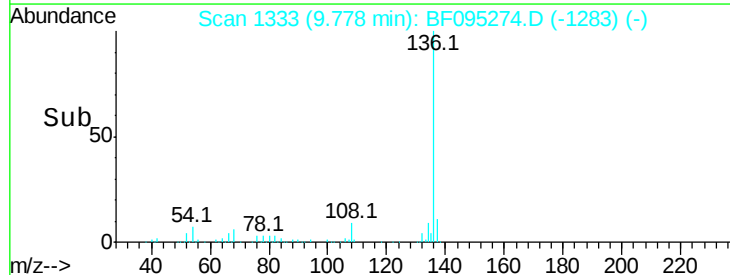
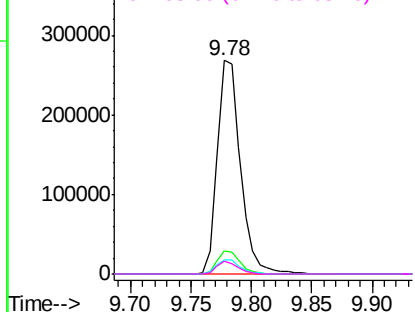


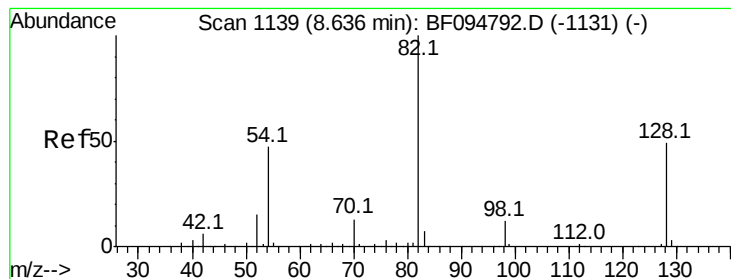
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

Tgt Ion:	136	Resp:	353358
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.8	4.9	7.3
68	5.7	4.1	6.1



Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF0
 Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 72.66 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

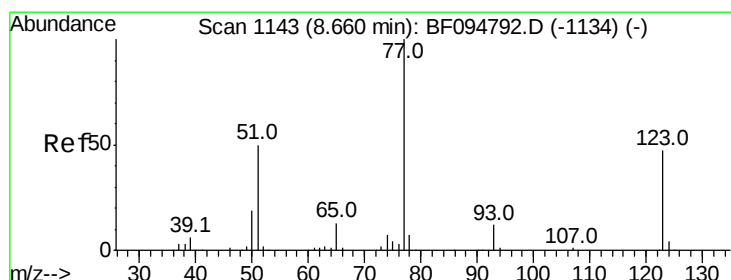
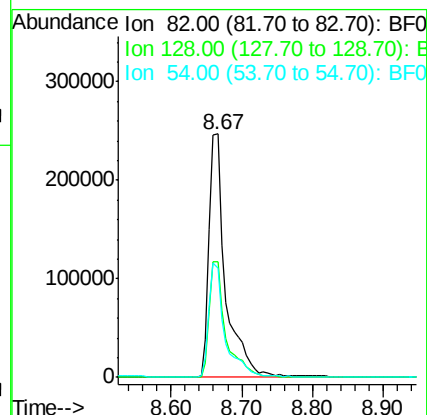
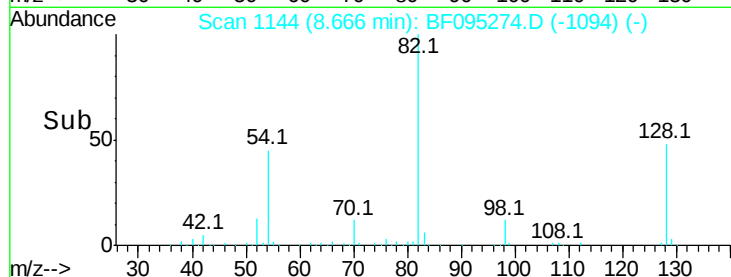
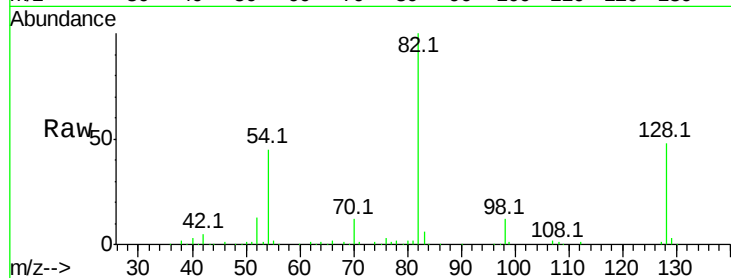
Tot Ion: 82 Resp: 407171

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

54 44.7 42.2 63.2



#24

Nitrobenzene

Concen: 10.16 ng

RT: 8.53 min Scan# 1121

Delta R.T. -0.17 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

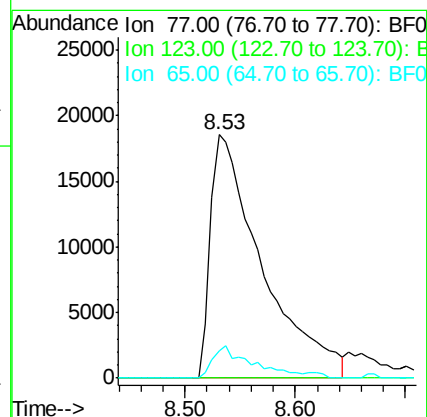
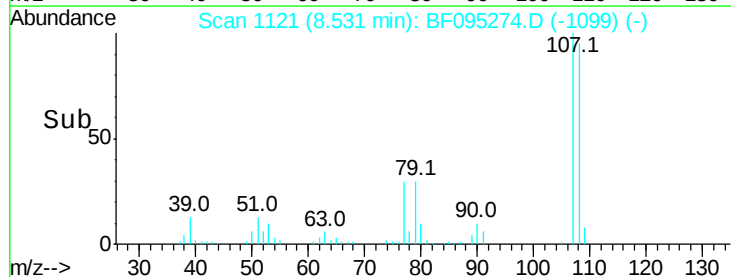
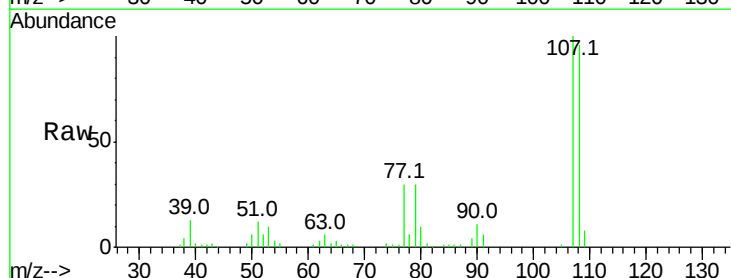
Tgt Ion: 77 Resp: 59673

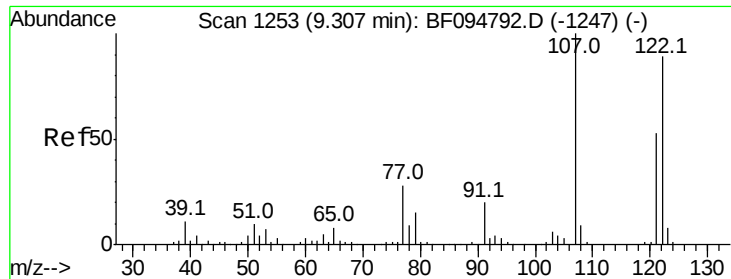
Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

65 11.3 10.6 15.8

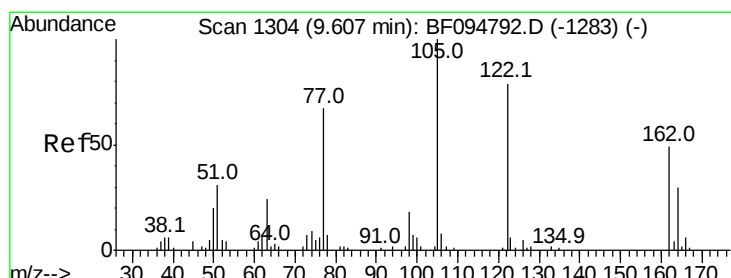
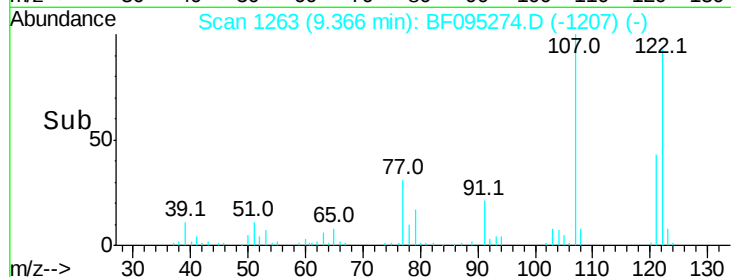
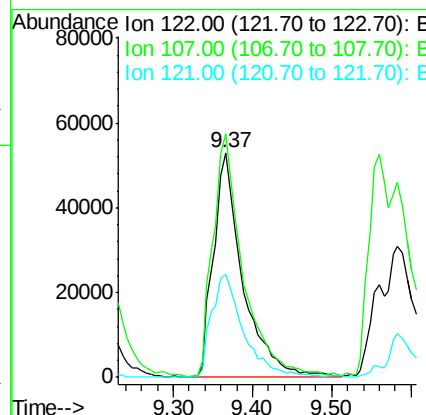
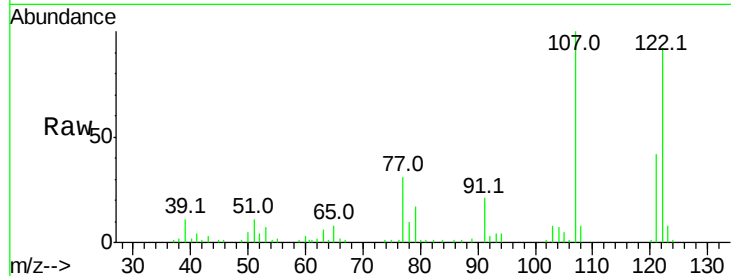




#27
 2,4-Dimethylphenol
 Concen: 26.71 ng
 RT: 9.37 min Scan# 1263
 Delta R.T. 0.03 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

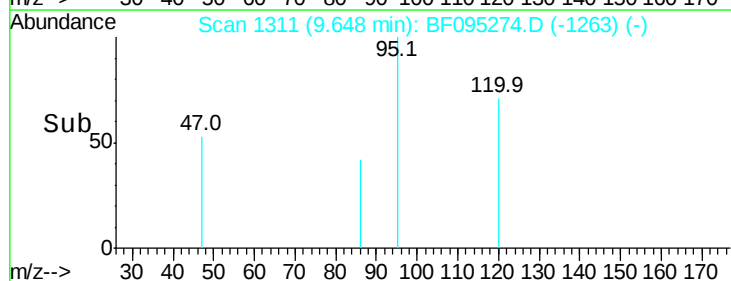
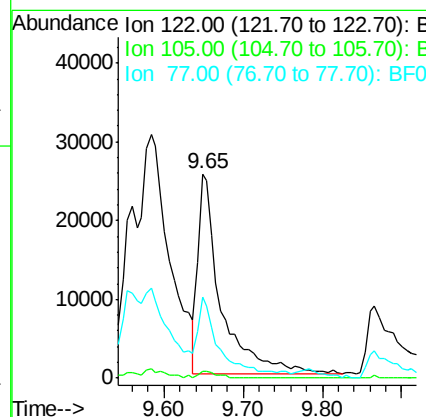
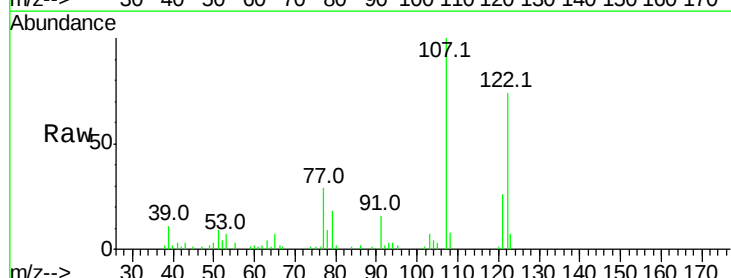
Instrument :
 BNA_F
 ClientSampleId :

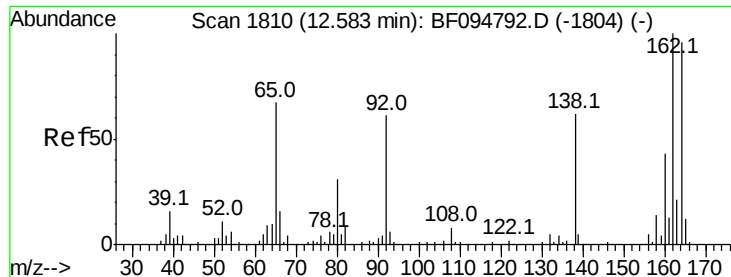
Tot Ion:	122	Resp:	136878
Ion	Ratio	Lower	Upper
122	100		
107	108.2	89.2	133.8
121	45.7	45.2	67.8



#32
 Benzoic acid
 Concen: 18.77 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

Tgt Ion:	122	Resp:	51519
Ion	Ratio	Lower	Upper
122	100		
105	3.4	103.3	143.3#
77	39.9	73.7	113.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

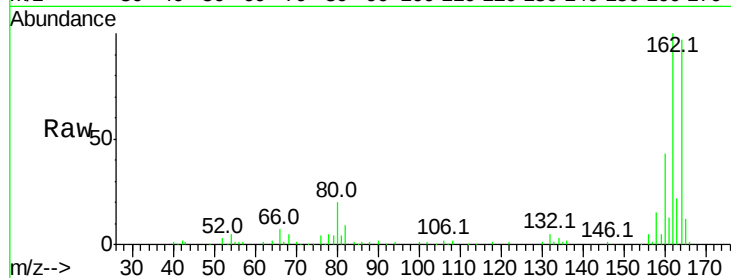
Tot Ion:164 Resp: 171162

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

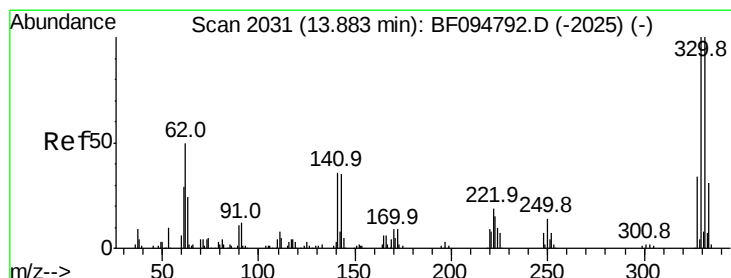
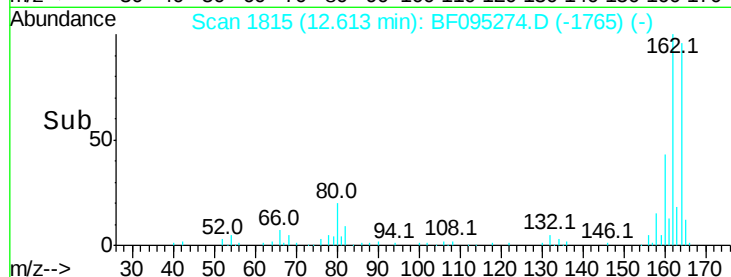
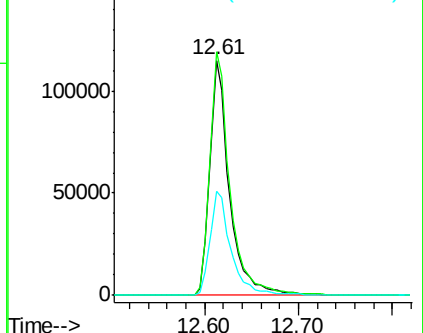
160 44.3 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 32.67 ng

RT: 13.92 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

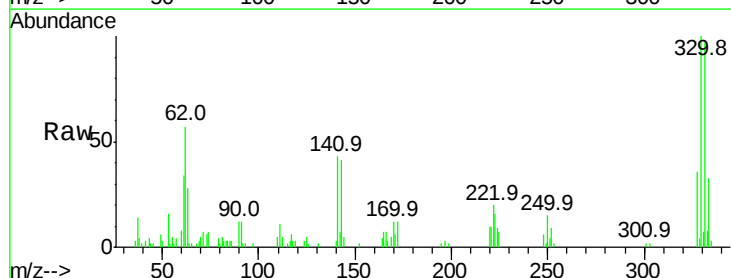
Tgt Ion:330 Resp: 45795

Ion Ratio Lower Upper

330 100

332 93.5 76.6 115.0

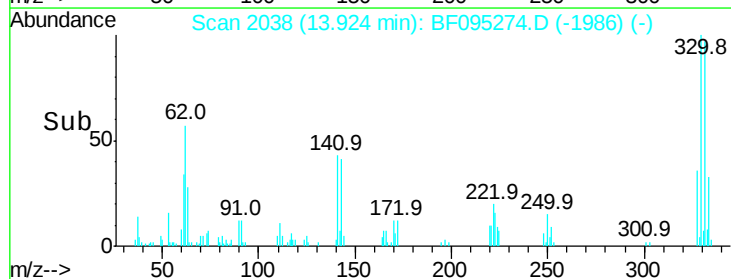
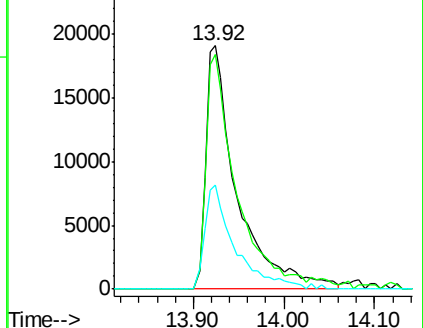
141 40.8 31.4 47.2

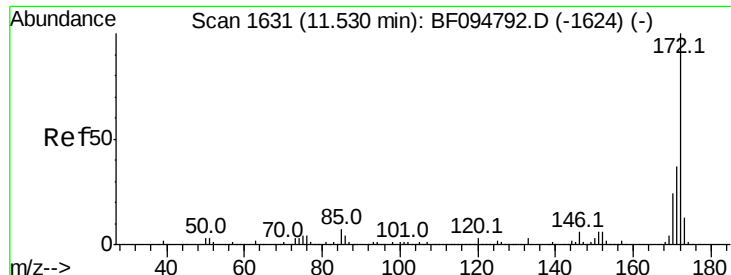


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

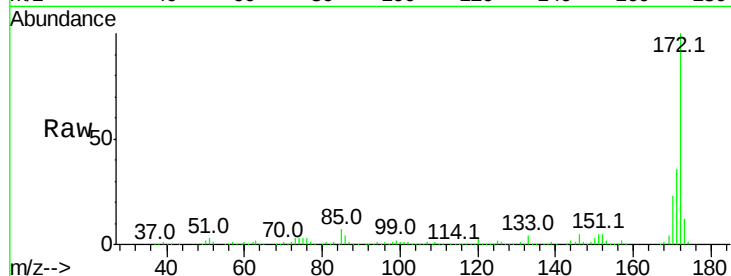




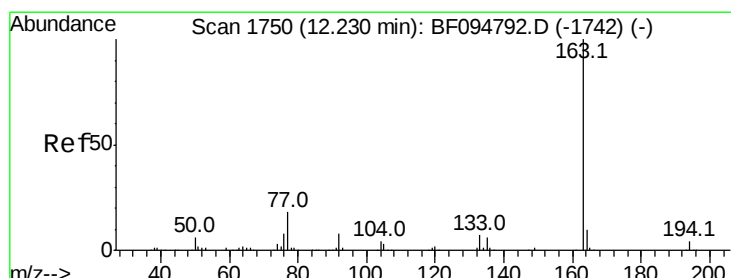
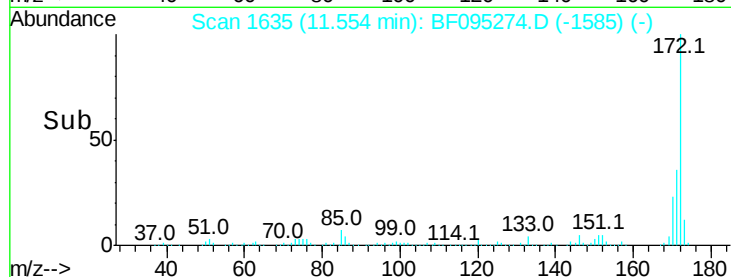
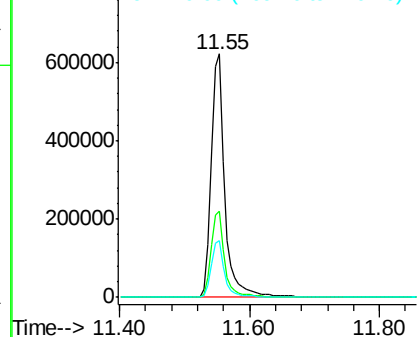
#44
2-Fluorobiphenyl
Concen: 75.70 ng
RT: 11.55 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF095274.D
Acq: 19 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 900253
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.1 19.8 29.8

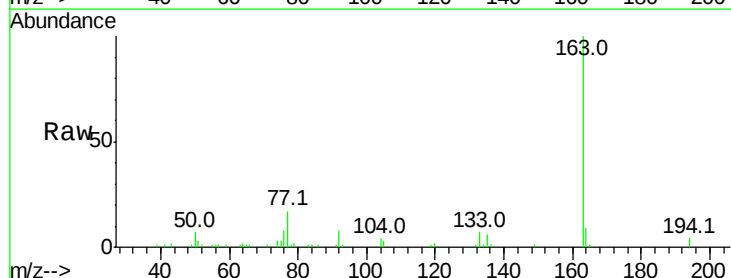


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

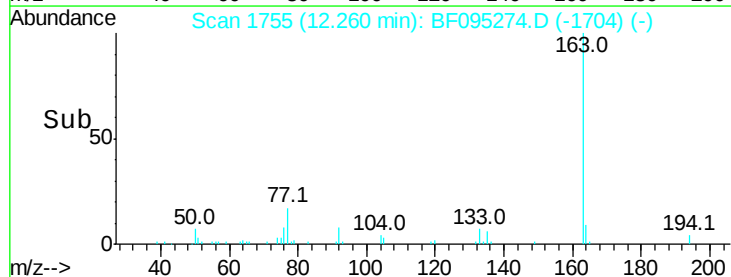
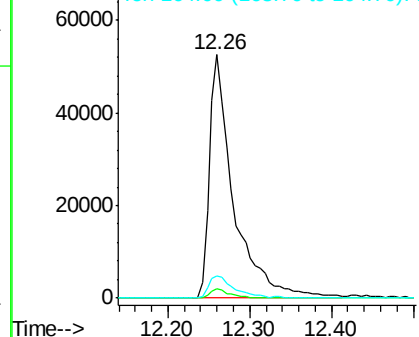


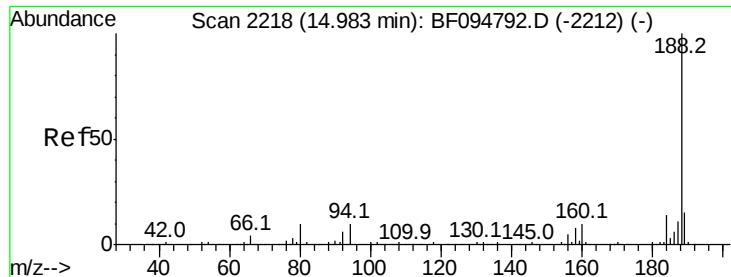
#49
Dimethylphthalate
Concen: 7.73 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF095274.D
Acq: 19 May 2017 21:07

Tgt Ion:163 Resp: 108611
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.0 8.4 12.6



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

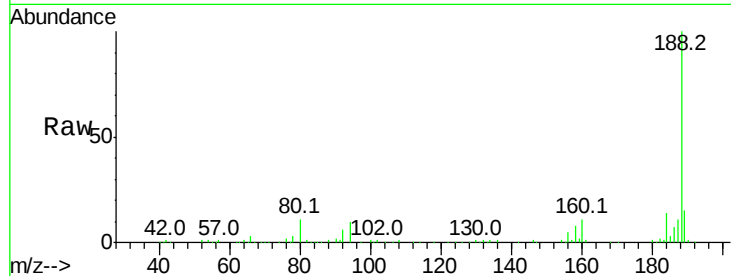




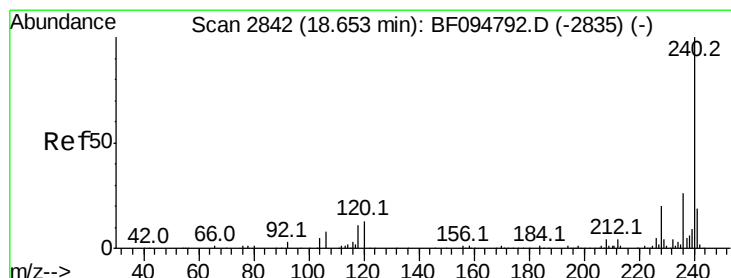
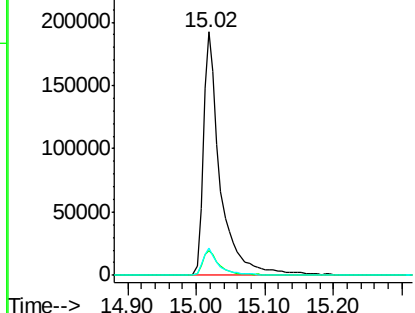
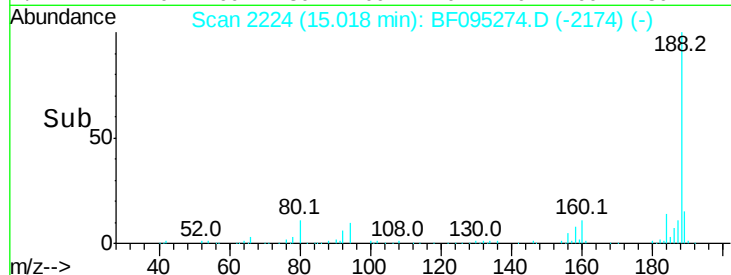
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095274.D
Acq: 19 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 334325
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.1 10.2 15.2

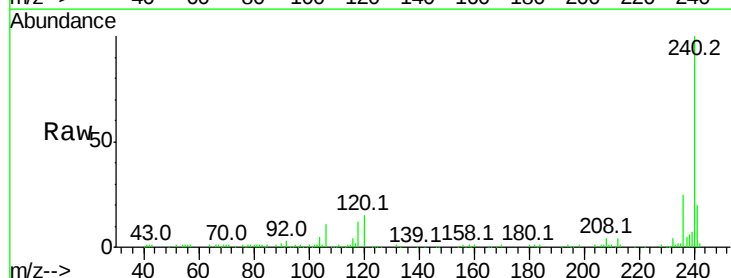


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

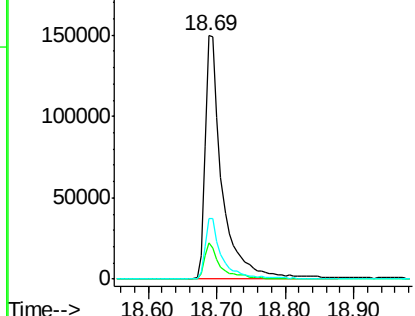
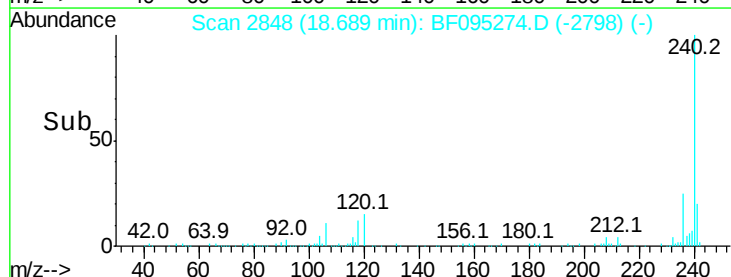


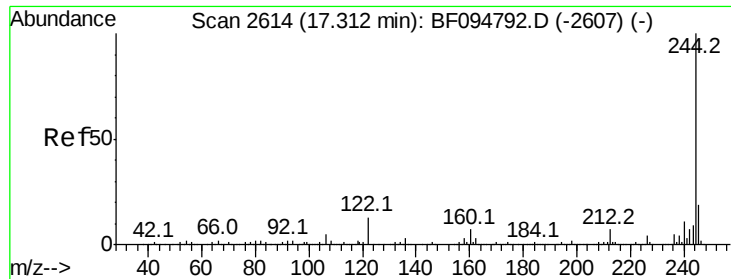
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095274.D
Acq: 19 May 2017 21:07

Tgt Ion:240 Resp: 265135
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 24.7 20.5 30.7



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

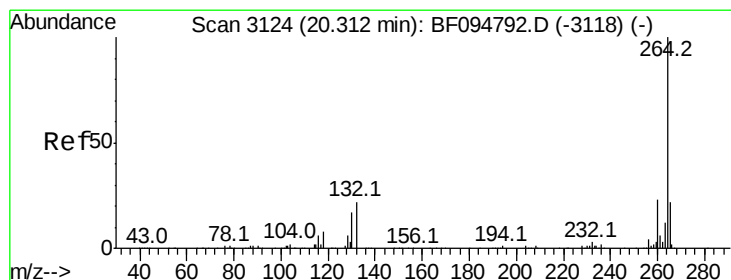
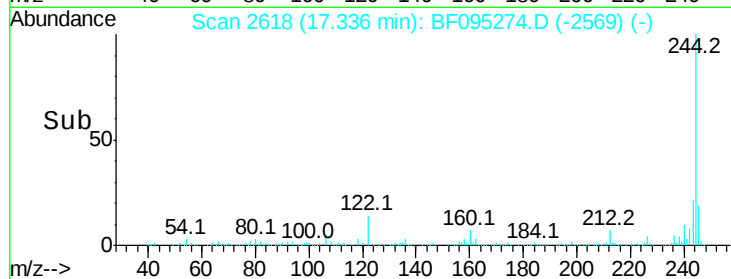
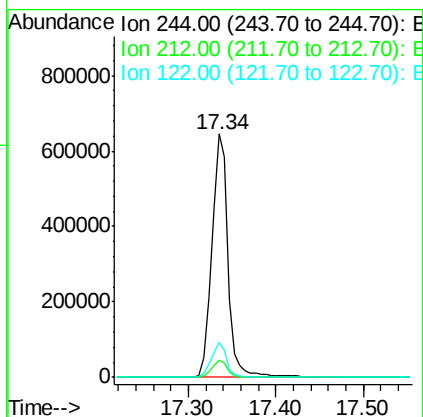
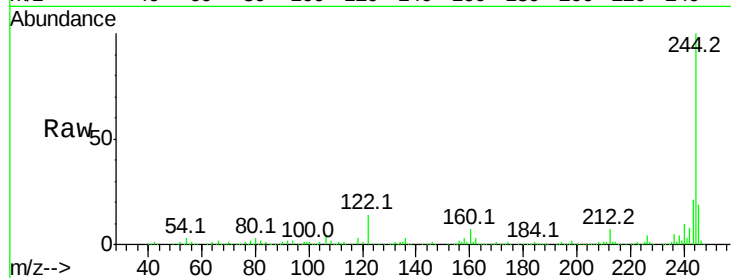




#78
 Terphenyl-d14
 Concen: 68.53 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 824887
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

Tgt Ion:264 Resp: 160335
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.0 17.2 25.8

