

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103167.D
 Acq On : 22 Feb 2018 17:30
 Operator : SJ/JU
 Sample : J1396-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118

Quant Time: Feb 23 02:10:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

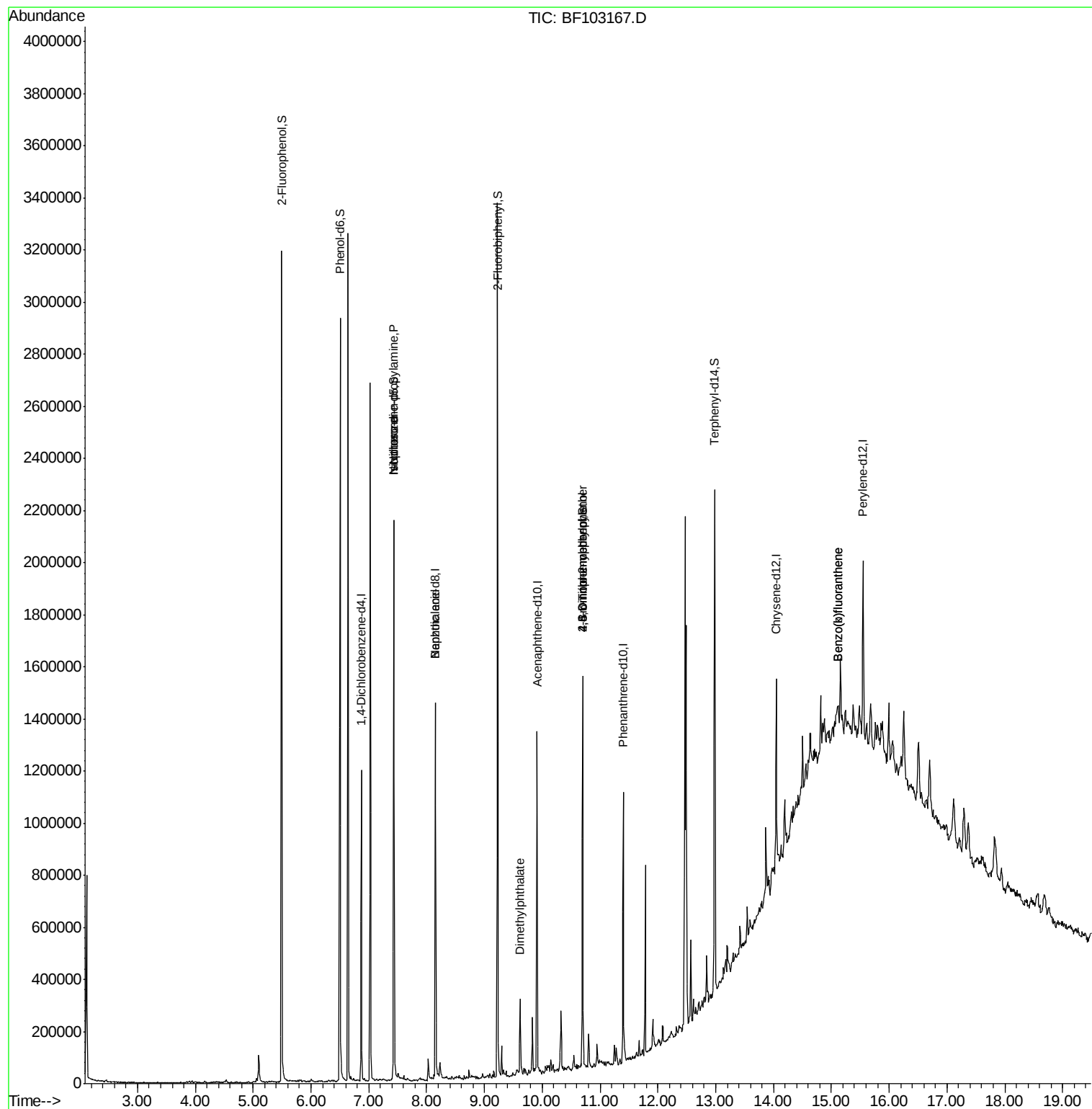
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	155903	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	626009	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	241561	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	350531	20.00	ng	0.00
75) Chrysene-d12	14.04	240	280554	20.00	ng	0.00
86) Perylene-d12	15.55	264	210584	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	893856	86.71	ng	0.00
7) Phenol-d6	6.50	99	1041480	82.57	ng	0.00
23) Nitrobenzene-d5	7.43	82	665196	60.68	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	155222	75.92	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1003778	68.26	ng	0.00
78) Terphenyl-d14	12.98	244	697852	59.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	86872	11.066	ng	# 82
25) Isophorone	7.43	82	665190	30.811	ng	# 64
32) Benzoic acid	8.15	122	161	6.935	ng	# 1
49) Dimethylphthalate	9.62	163	87211	4.500	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.70	198	214	5.035	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10990	3.010	ng	# 1
87) Benzo(b)fluoranthene	15.11	252	28913	2.088	ng	# 1
88) Benzo(k)fluoranthene	15.11	252	28913	2.218	ng	# 1

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

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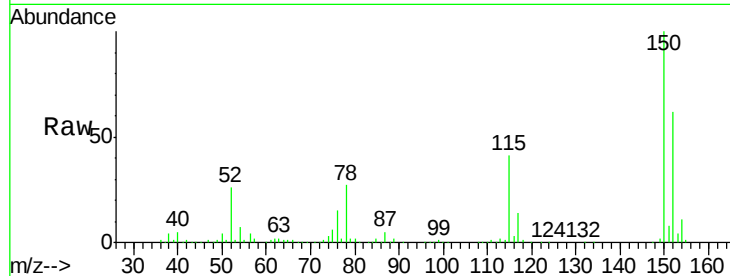


#1

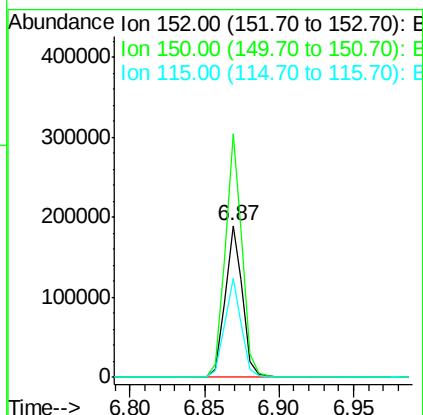
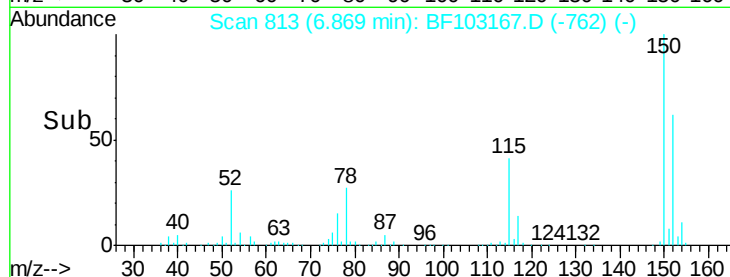
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103167.D
Acq: 22 Feb 2018 17:30

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tot Ion:152 Resp: 155903
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 65.6 50.1 75.1



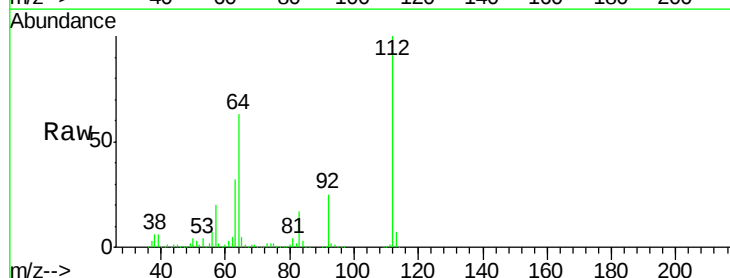
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



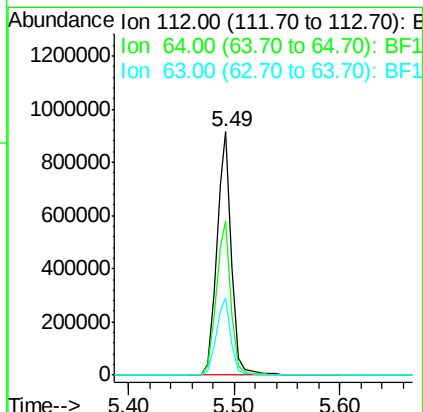
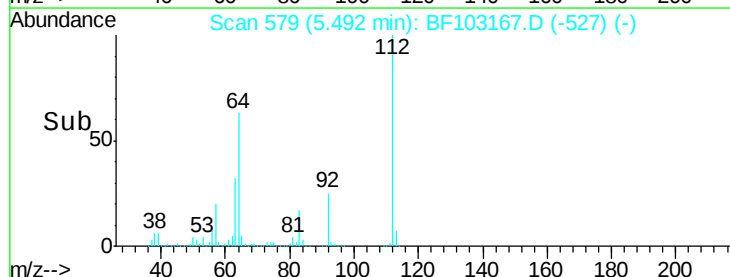
#5

2-Fluorophenol
Concen: 86.714 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103167.D
Acq: 22 Feb 2018 17:30

Tgt Ion:112 Resp: 893856
Ion Ratio Lower Upper
112 100
64 63.3 47.9 71.9
63 31.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 82.568 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103167.D

Acq: 22 Feb 2018 17:30

Instrument :

BNA_F

ClientSampleId :

HD-01-022118

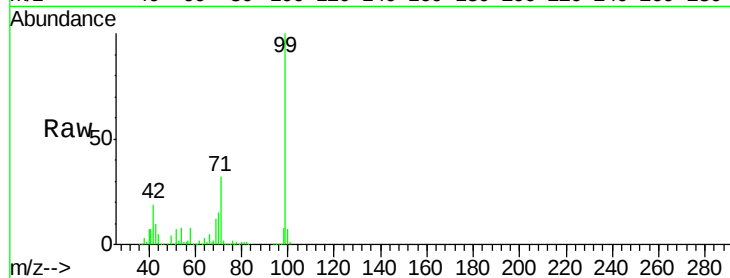
Tot Ion: 99 Resp: 1041480

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

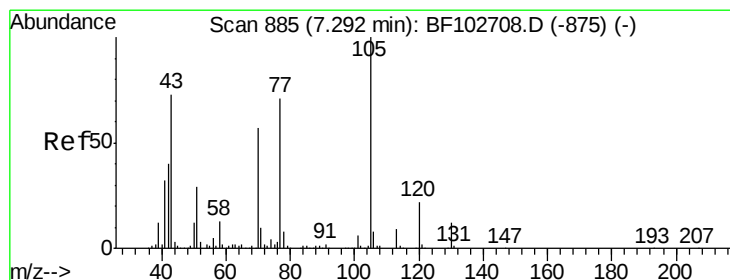
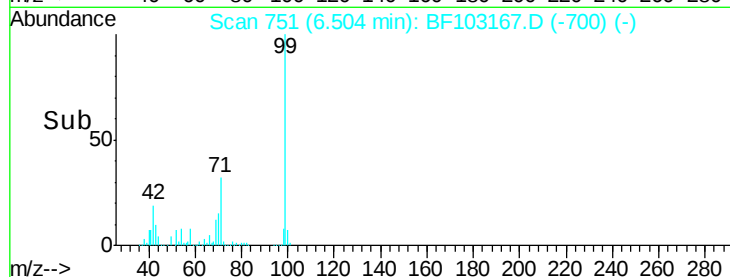
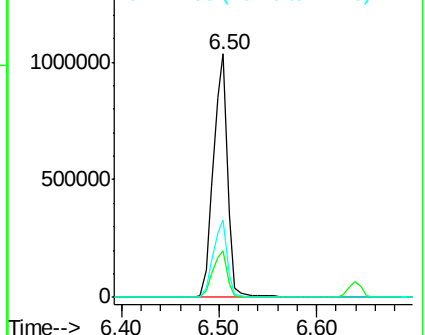
71 32.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.066 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103167.D

Acq: 22 Feb 2018 17:30

Tgt Ion: 70 Resp: 86872

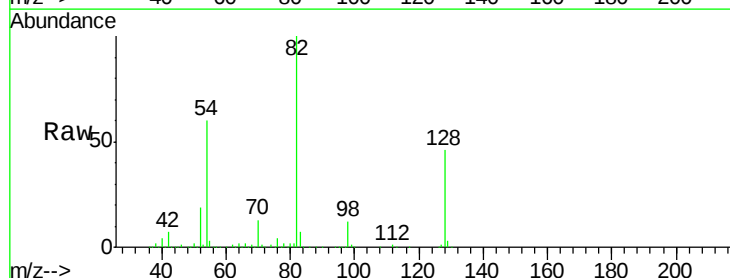
Ion Ratio Lower Upper

70 100

42 52.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

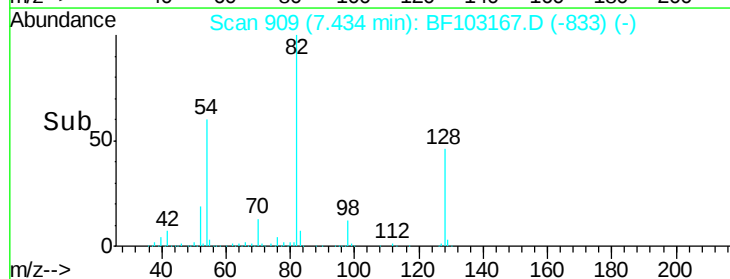
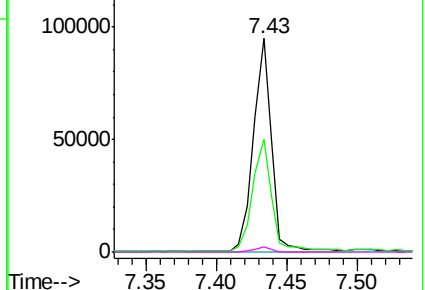


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

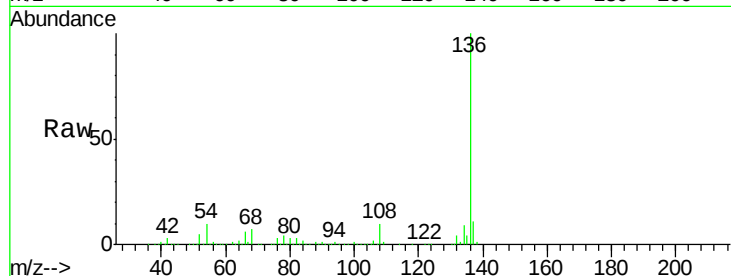




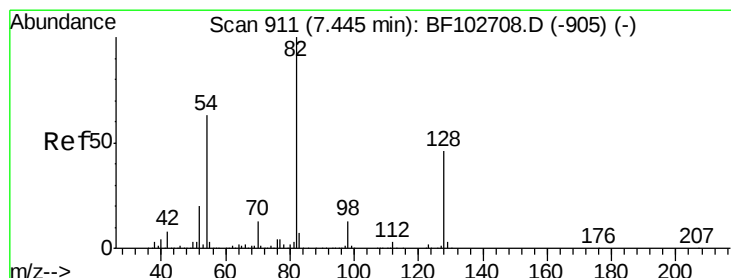
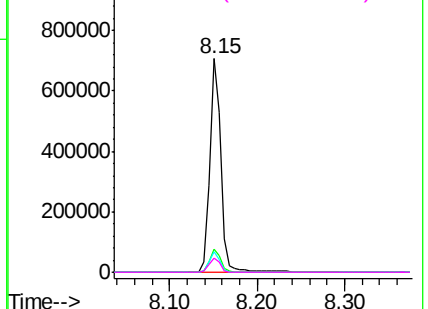
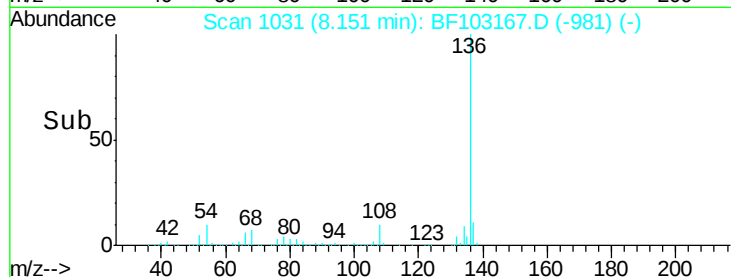
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103167.D
Acq: 22 Feb 2018 17:30

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tot Ion:136	Resp:	626009	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.9	13.3	
54 9.8	6.6	9.8	
68 6.9	5.0	7.4	

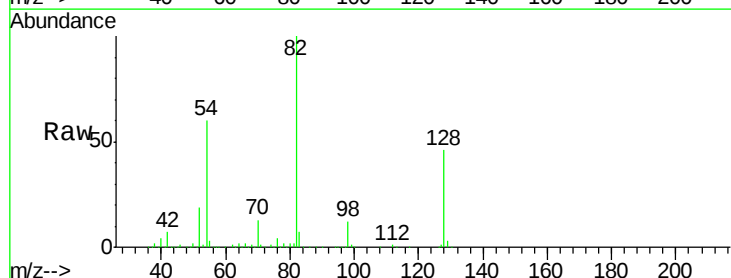


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

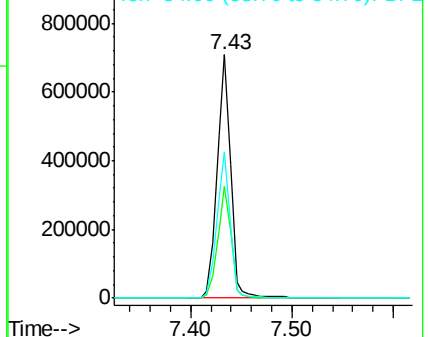
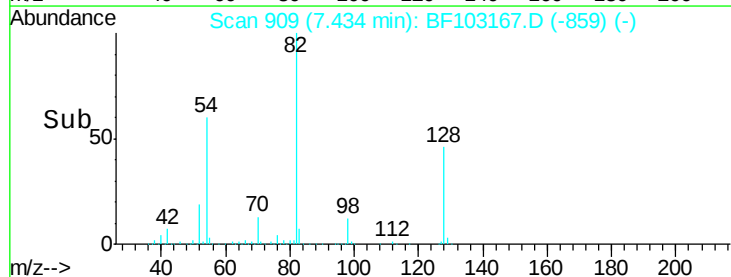


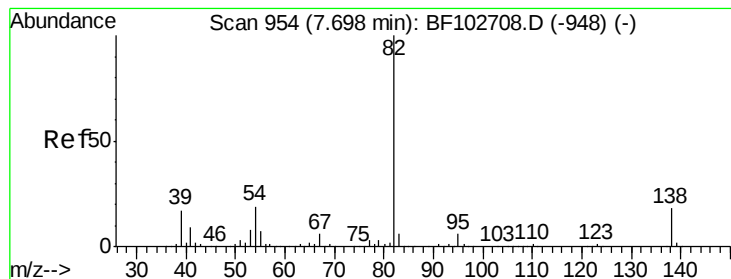
#23
Nitrobenzene-d5
Concen: 60.683 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103167.D
Acq: 22 Feb 2018 17:30

Tgt Ion: 82	Resp: 665196
Ion Ratio	Lower Upper
82 100	
128 46.0	36.1 54.1
54 60.3	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.811 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103167.D

Acq: 22 Feb 2018 17:30

Instrument :

BNA_F

ClientSampleId :

HD-01-022118

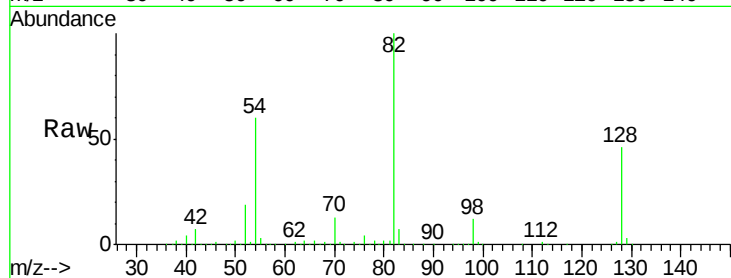
Tot Ion: 82 Resp: 665190

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

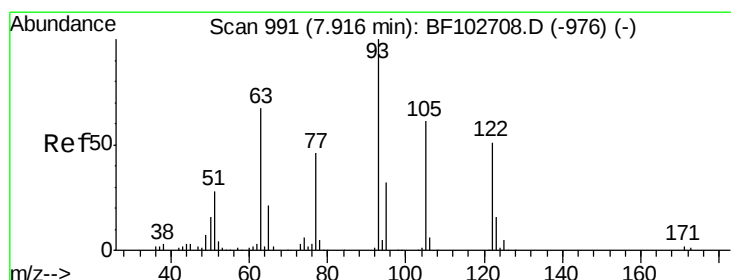
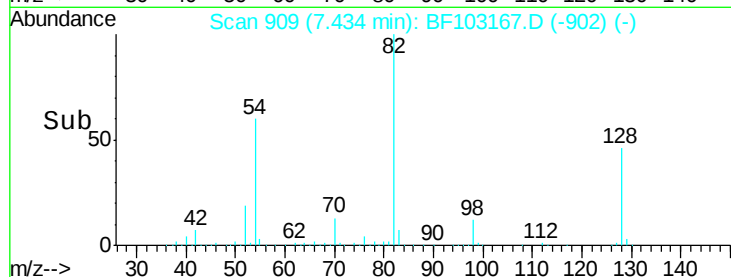
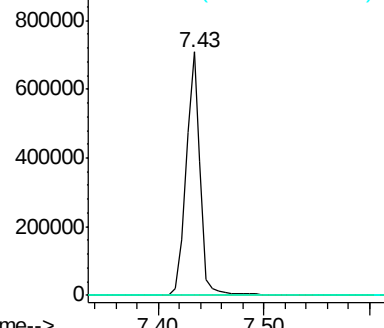
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 6.935 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.22 min

Lab File: BF103167.D

Acq: 22 Feb 2018 17:30

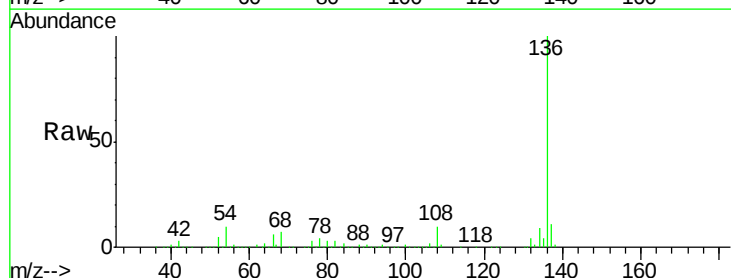
Tgt Ion: 122 Resp: 161

Ion Ratio Lower Upper

122 100

105 140.7 101.1 141.1

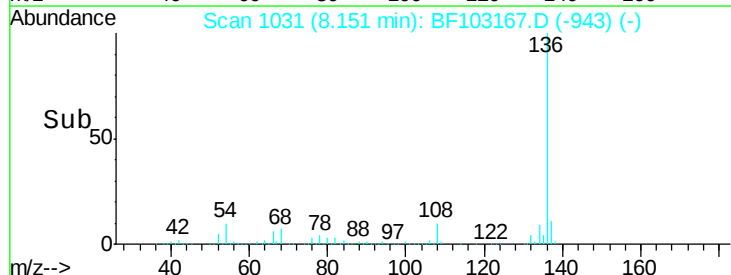
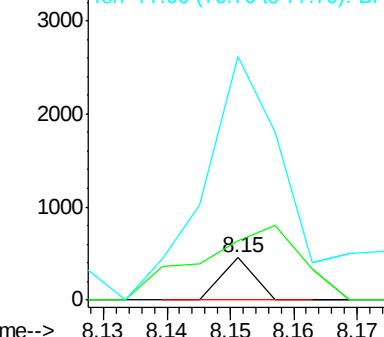
77 574.5 70.7 110.7#

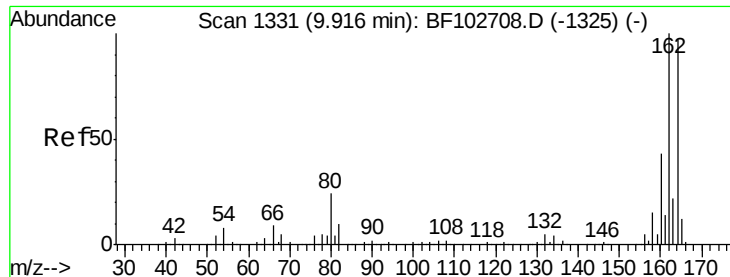


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

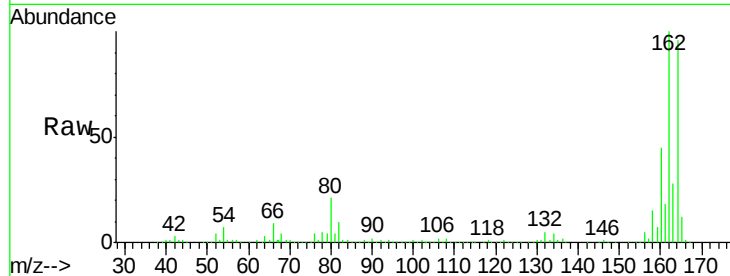




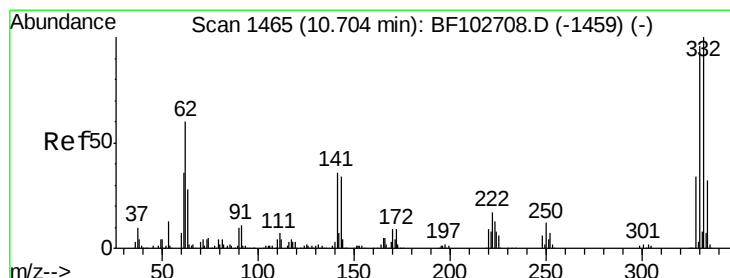
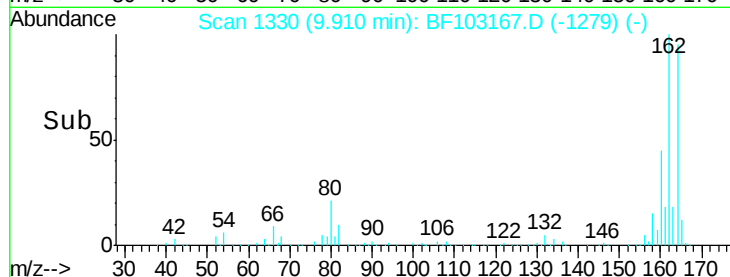
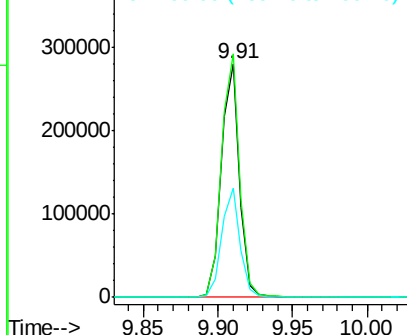
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF103167.D
 Acq: 22 Feb 2018 17:30

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118

Tot Ion:164 Resp: 241561
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 46.8 38.3 57.5

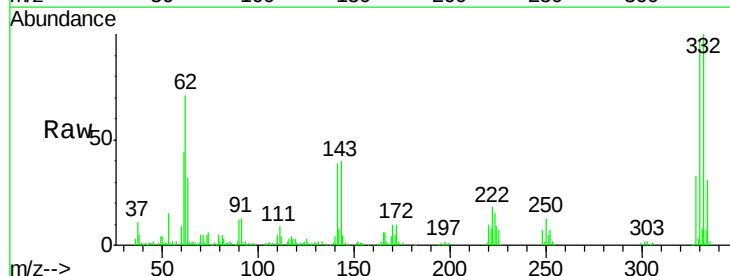


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

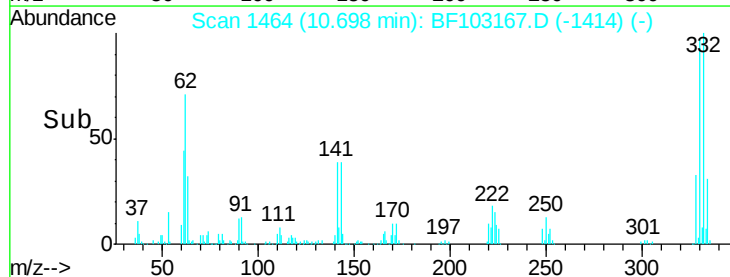
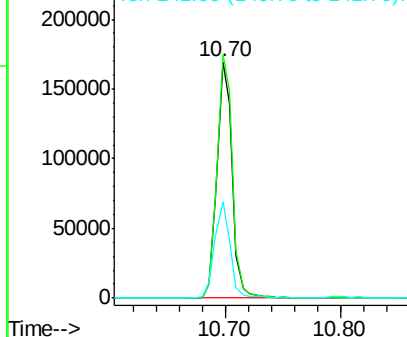


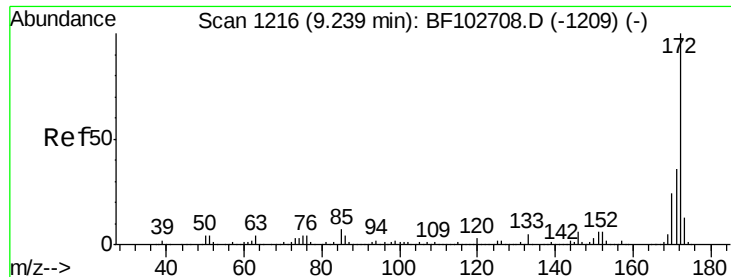
#41
 2,4,6-Tribromophenol
 Concen: 75.915 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103167.D
 Acq: 22 Feb 2018 17:30

Tgt Ion:330 Resp: 155222
 Ion Ratio Lower Upper
 330 100
 332 104.6 77.0 115.6
 141 40.9 29.9 44.9



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

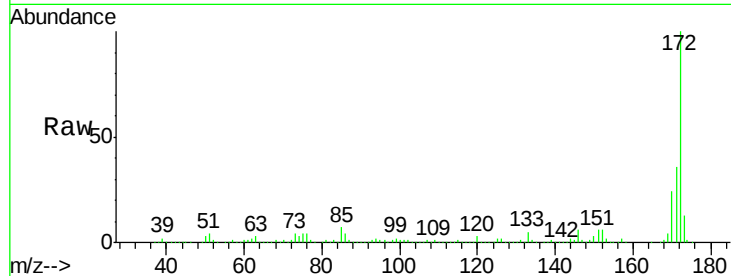




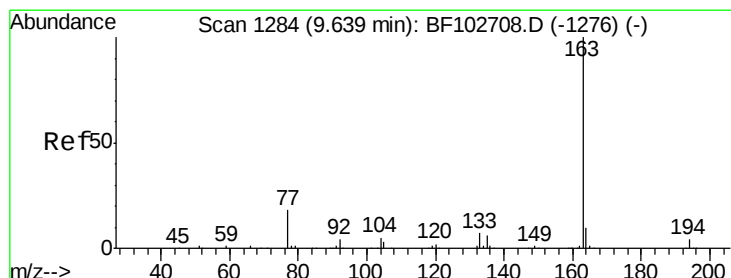
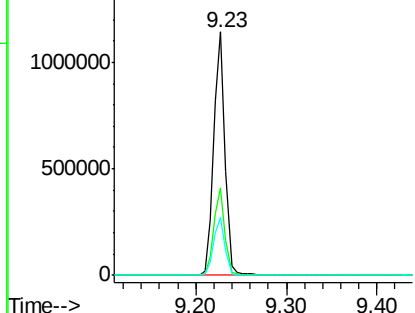
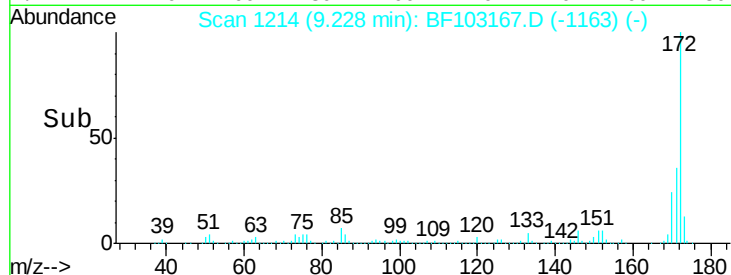
#44
2-Fluorobiphenyl
Concen: 68.262 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103167.D
Acq: 22 Feb 2018 17:30

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tot Ion:172 Resp: 1003778
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.0 19.6 29.4

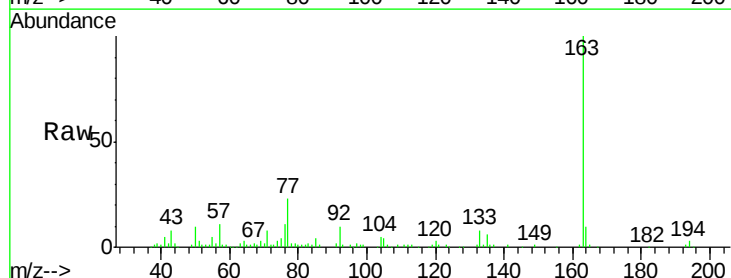


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

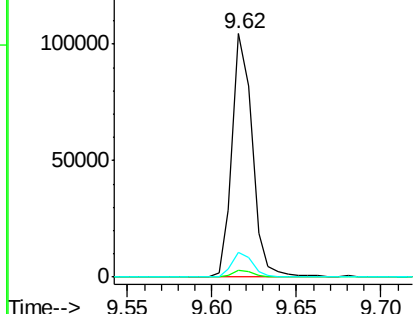
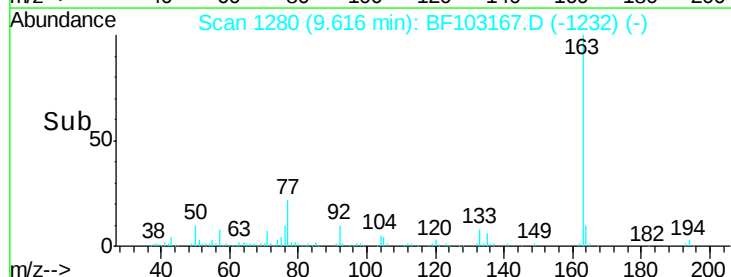


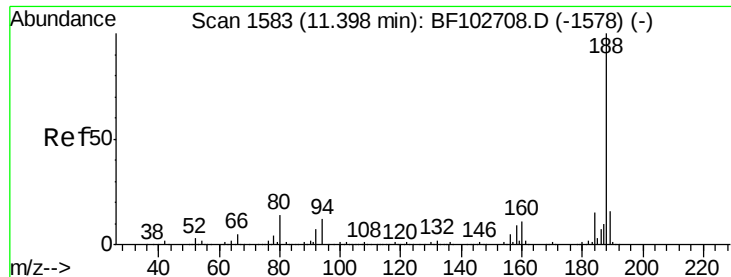
#49
Dimethylphthalate
Concen: 4.500 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103167.D
Acq: 22 Feb 2018 17:30

Tgt Ion:163 Resp: 87211
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.0 8.2 12.2



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

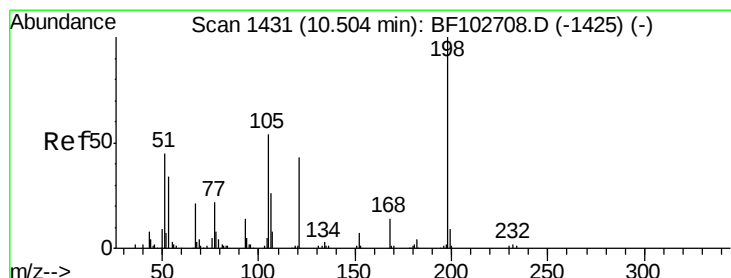
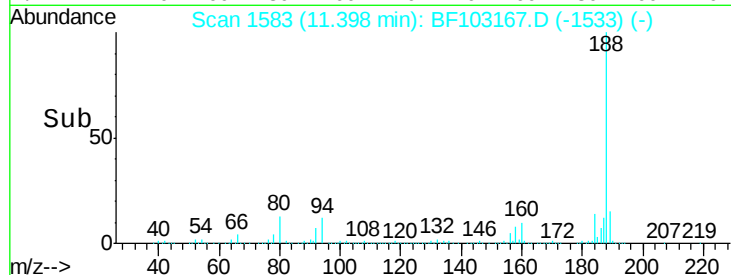
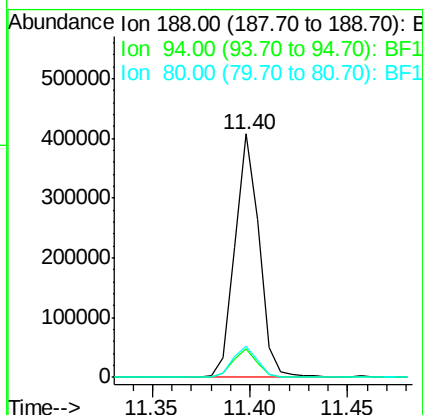
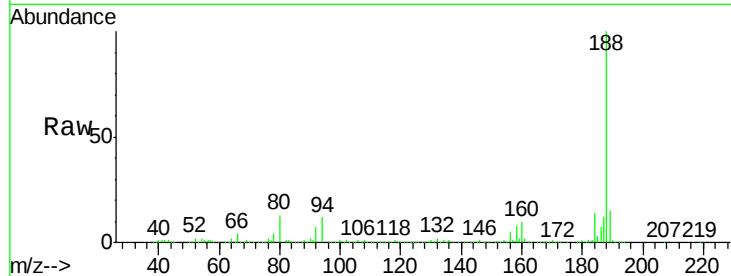




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103167.D
Acq: 22 Feb 2018 17:30

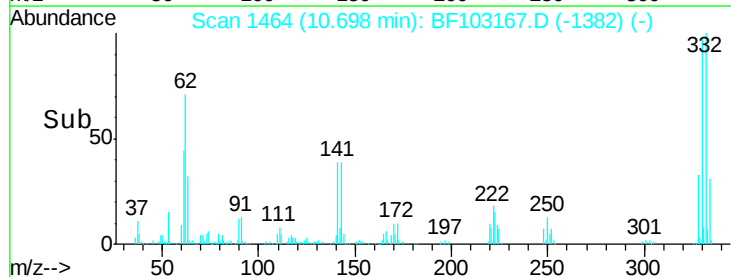
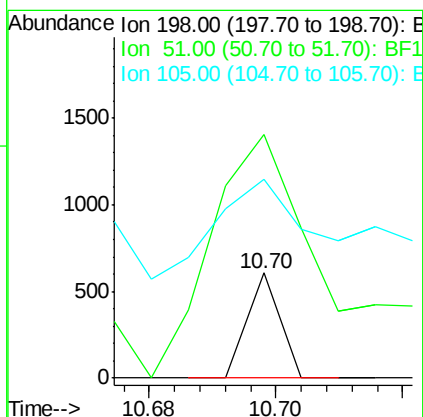
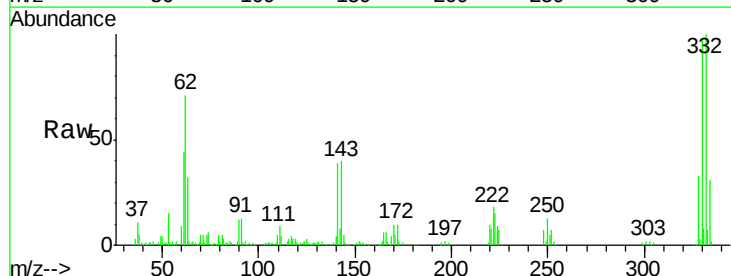
Instrument :
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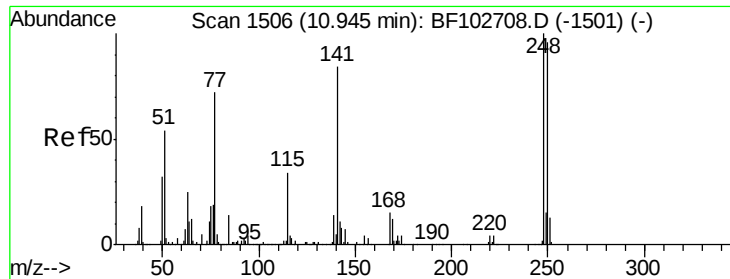
Tot Ion:188 Resp: 350531
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 13.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.035 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF103167.D
Acq: 22 Feb 2018 17:30

Tgt Ion:198 Resp: 214
Ion Ratio Lower Upper
198 100
51 232.1 37.7 77.7#
105 189.1 36.3 76.3#

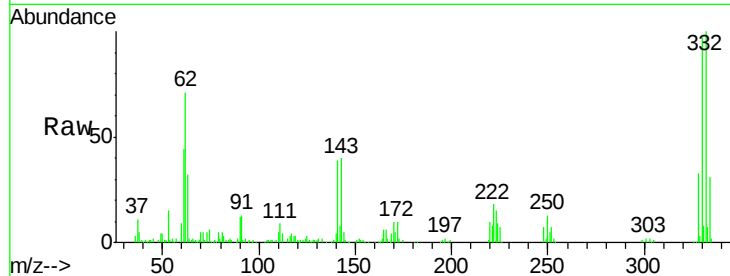




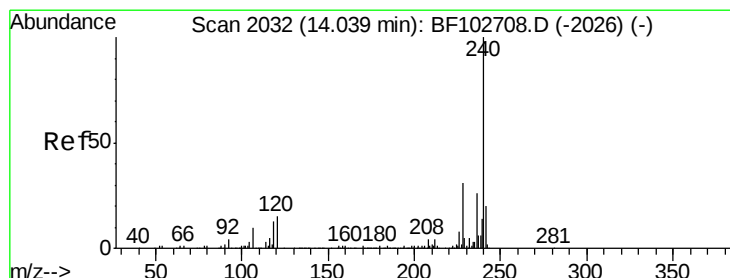
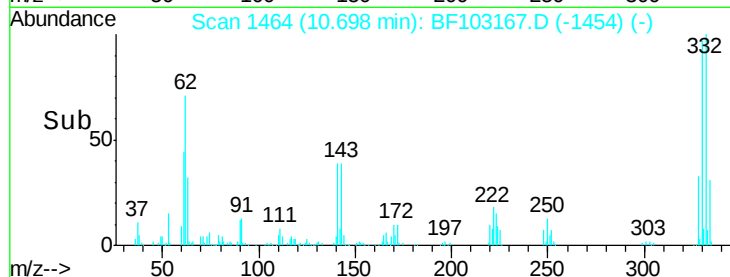
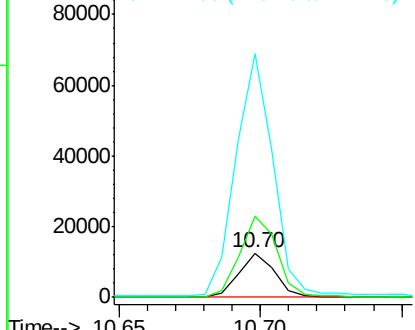
#66
4-Bromophenyl-phenylether
Concen: 3.010 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103167.D
Acq: 22 Feb 2018 17:30

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tot Ion:248 Resp: 10990
Ion Ratio Lower Upper
248 100
250 183.4 76.9 115.3#
141 553.5 74.4 111.6#

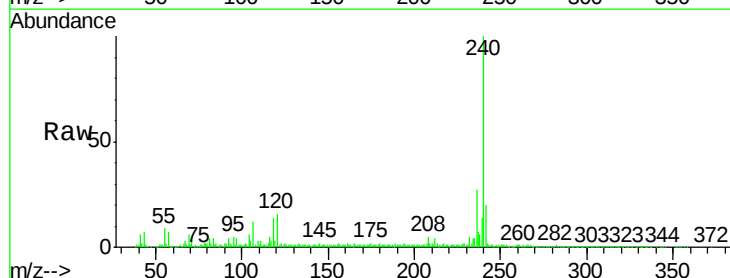


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

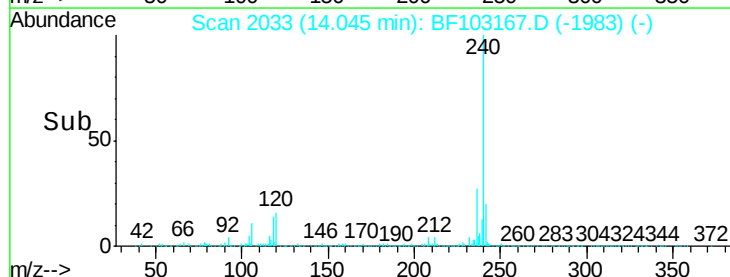
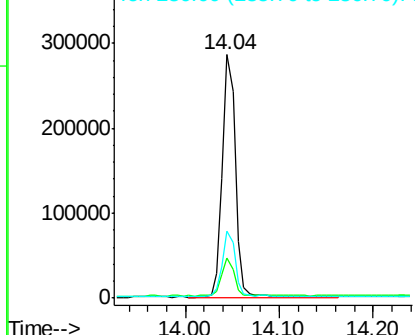


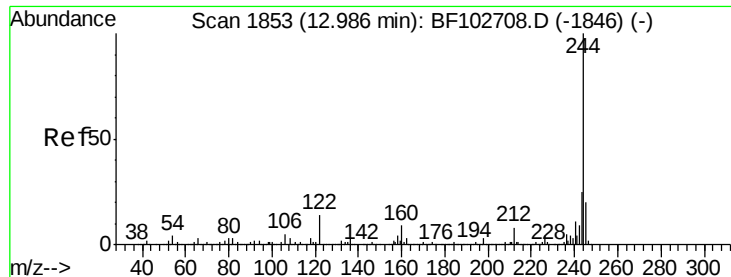
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103167.D
Acq: 22 Feb 2018 17:30

Tgt Ion:240 Resp: 280554
Ion Ratio Lower Upper
240 100
120 16.2 9.5 14.3#
236 27.3 20.7 31.1



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: 59.794 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103167.D

Acq: 22 Feb 2018 17:30

Instrument :

BNA_F

ClientSampleId :

HD-01-022118

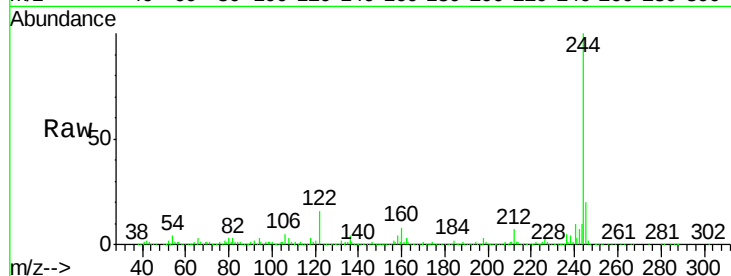
Tot Ion:244 Resp: 697852

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

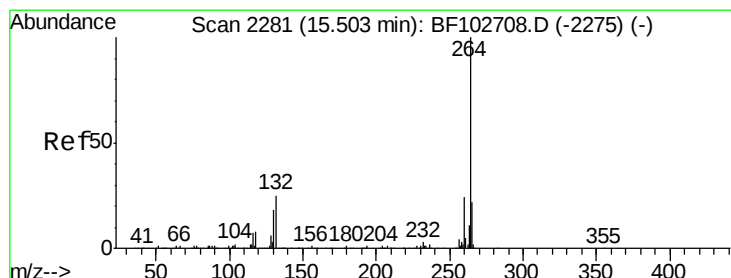
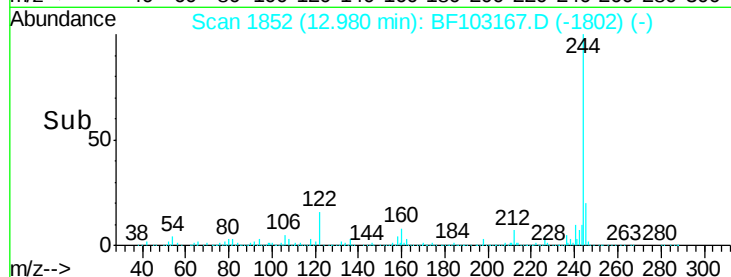
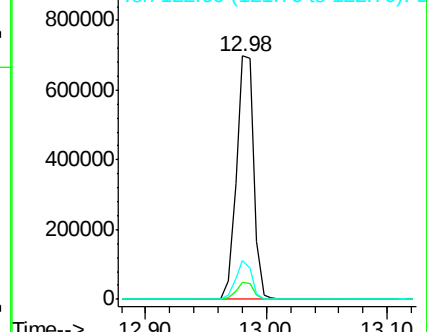
122 15.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF103167.D

Acq: 22 Feb 2018 17:30

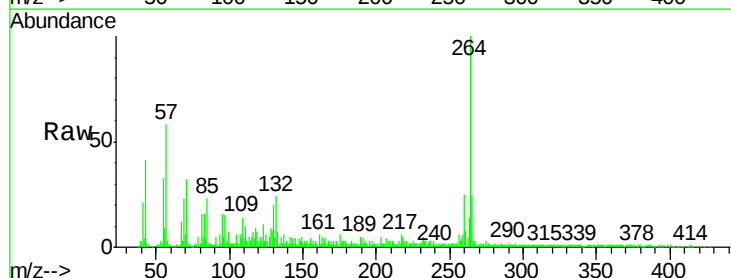
Tgt Ion:264 Resp: 210584

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

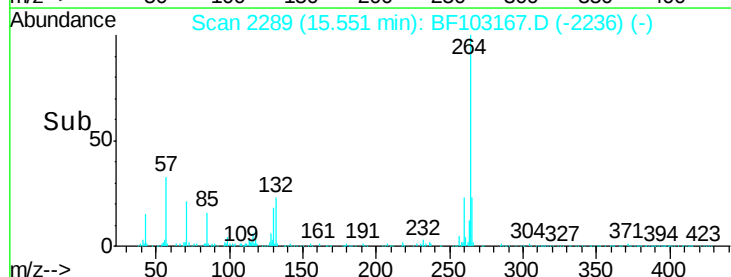
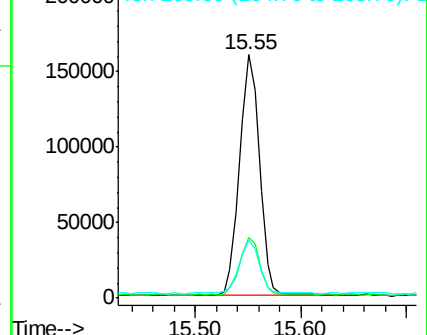
265 23.9 17.5 26.3

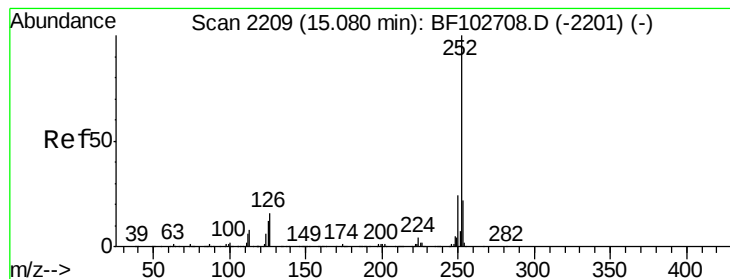


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.088 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF103167.D

Acq: 22 Feb 2018 17:30

Instrument :

BNA_F

ClientSampleId :

HD-01-022118

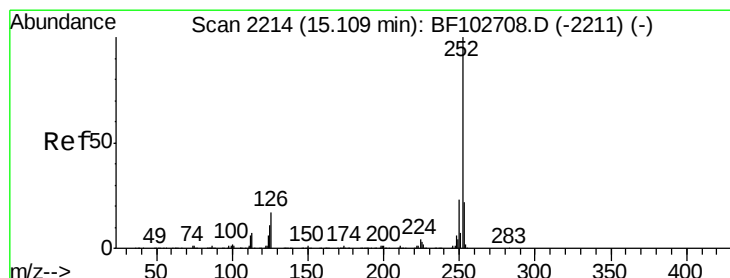
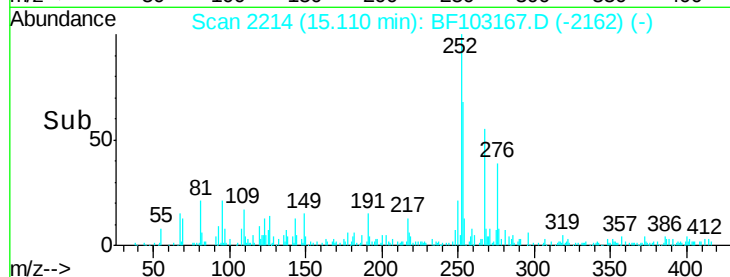
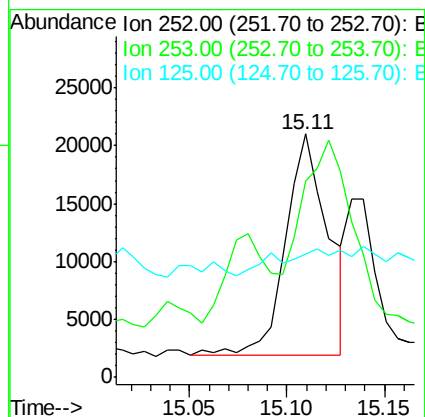
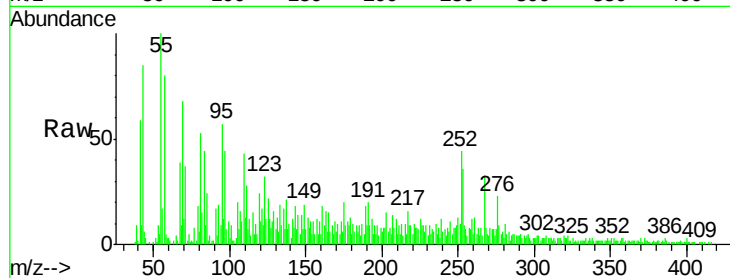
Tot Ion:252 Resp: 28913

Ion Ratio Lower Upper

252 100

253 80.4 17.0 25.6#

125 50.4 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 2.218 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BF103167.D

Acq: 22 Feb 2018 17:30

Tgt Ion:252 Resp: 28913

Ion Ratio Lower Upper

252 100

253 80.4 17.9 26.9#

125 50.4 10.2 15.2#

