

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104055.D
 Acq On : 29 Mar 2018 17:08
 Operator : JU/SJ
 Sample : J2085-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 03:50:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

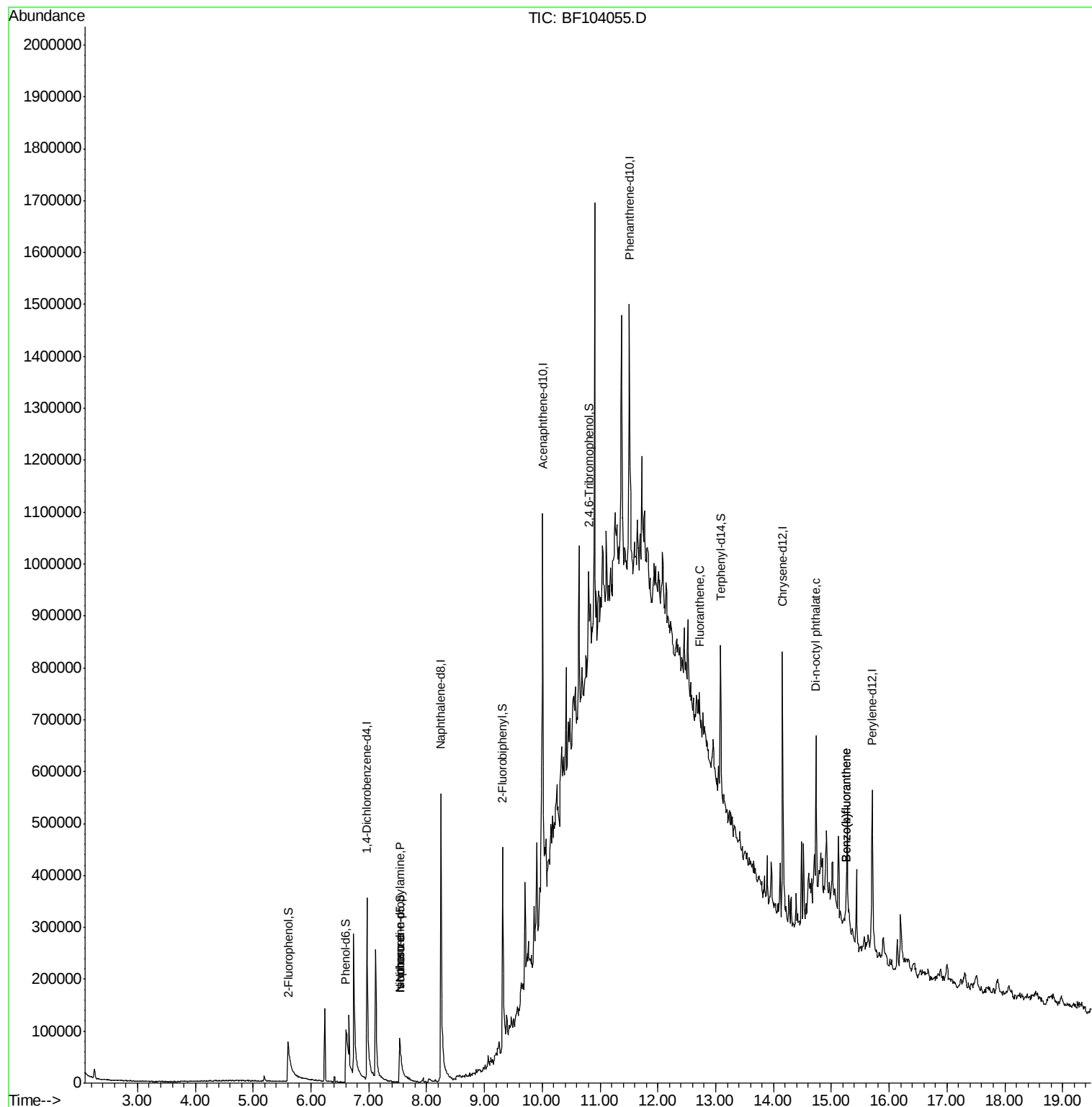
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	105615	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	439629	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	182771	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	247984	20.00	ng	0.00
75) Chrysene-d12	14.16	240	214568	20.00	ng	0.00
86) Perylene-d12	15.71	264	202615	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	91509	13.82	ng	0.00
7) Phenol-d6	6.61	99	180759	22.18	ng	0.00
23) Nitrobenzene-d5	7.53	82	95553	13.29	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	32293	15.87	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	179008	15.44	ng	0.00
78) Terphenyl-d14	13.09	244	116299	12.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	12836	2.655	ng	# 77
25) Isophorone	7.53	82	95553	7.213	ng	# 64
74) Fluoranthene	12.72	202	33645	2.358	ng	# 90
84) Di-n-octyl phthalate	14.74	149	246649	15.271	ng	# 88
87) Benzo(b)fluoranthene	15.24	252	27889	2.262	ng	# 73
88) Benzo(k)fluoranthene	15.24	252	27889	2.401	ng	# 75

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

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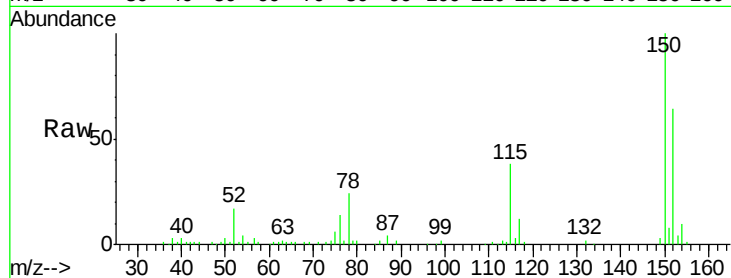


#1

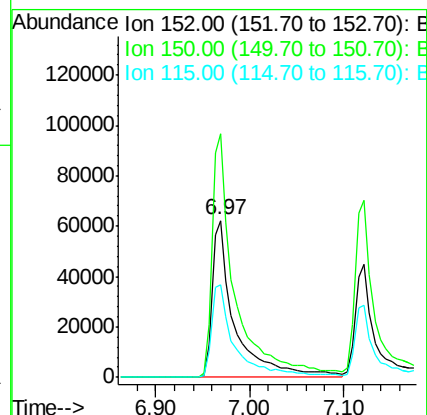
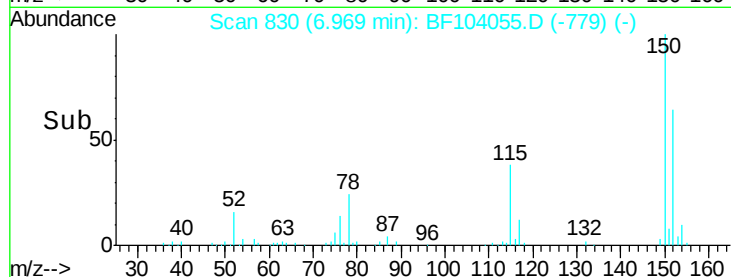
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104055.D
Acq: 29 Mar 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105615
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 59.0 50.1 75.1



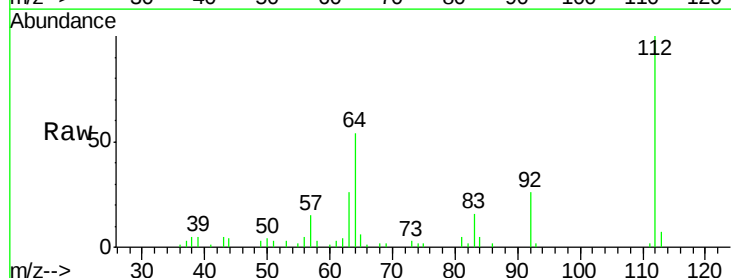
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



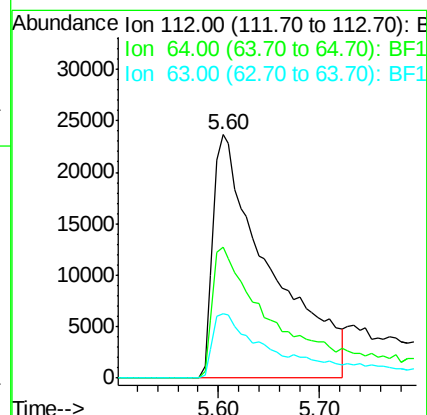
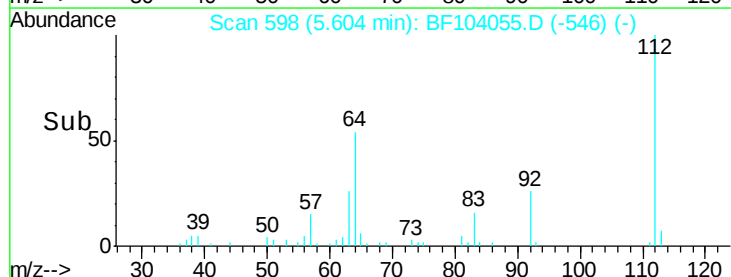
#5

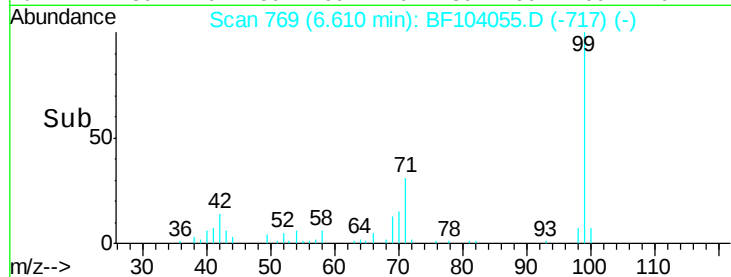
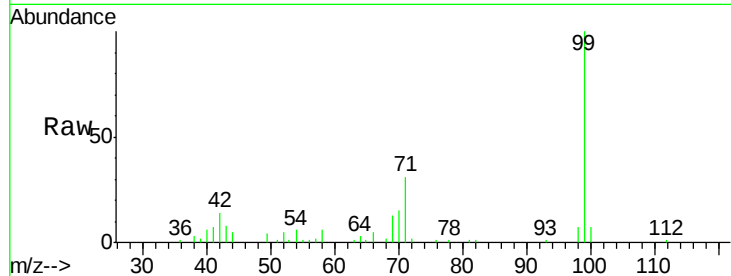
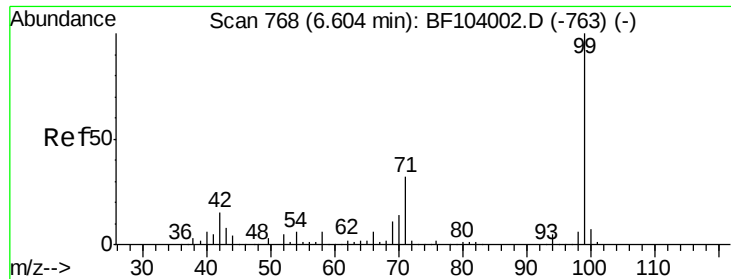
2-Fluorophenol
Concen: 13.818 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104055.D
Acq: 29 Mar 2018 17:08

Tgt Ion:112 Resp: 91509
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 26.3 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: 22.185 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104055.D

Acq: 29 Mar 2018 17:08

Instrument :

BNA_F

ClientSampled :

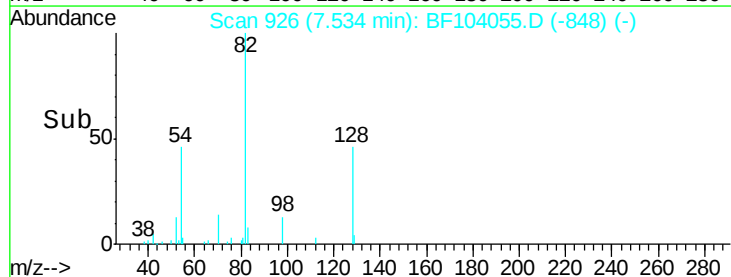
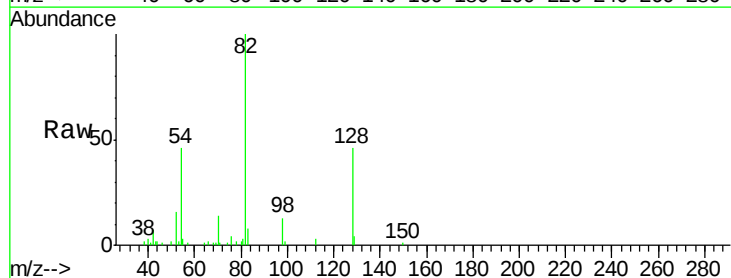
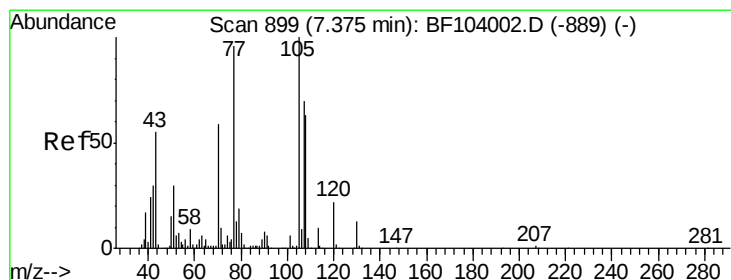
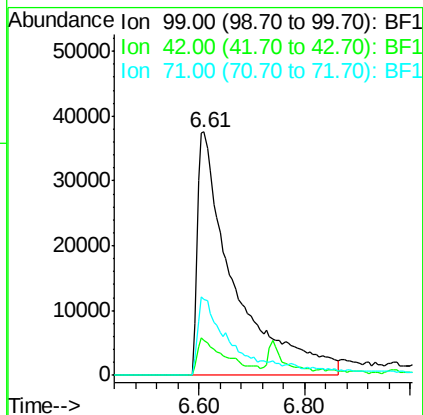
Tot Ion: 99 Resp: 180759

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7#

71 31.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.655 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF104055.D

Acq: 29 Mar 2018 17:08

Tgt Ion: 70 Resp: 12836

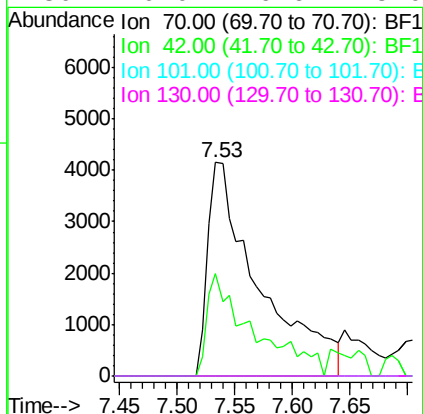
Ion Ratio Lower Upper

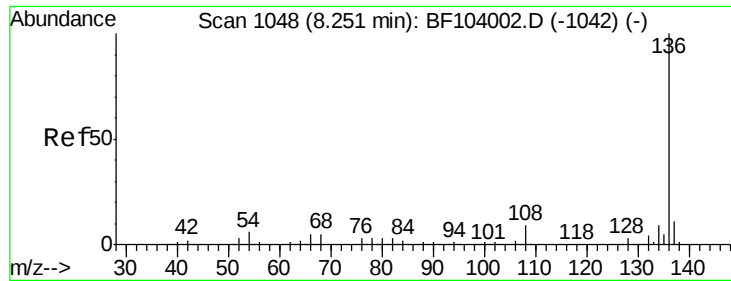
70 100

42 48.0 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104055.D

Acq: 29 Mar 2018 17:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 439629

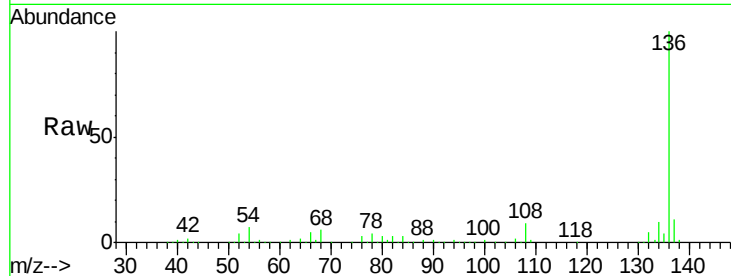
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 6.1 5.0 7.4

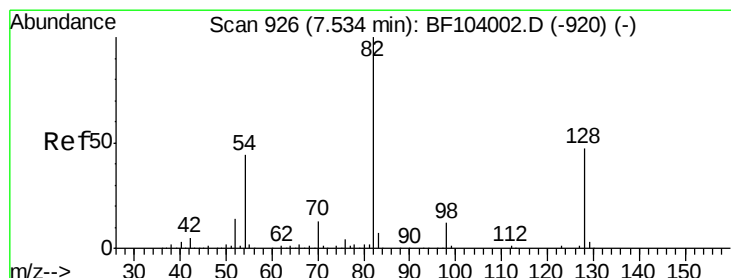
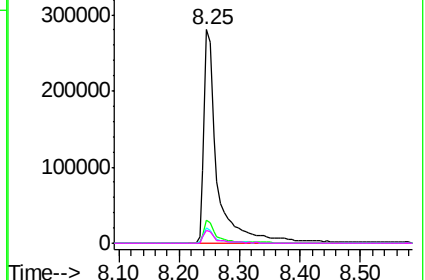
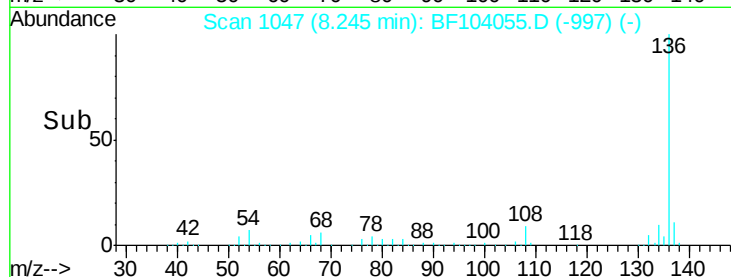


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.292 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF104055.D

Acq: 29 Mar 2018 17:08

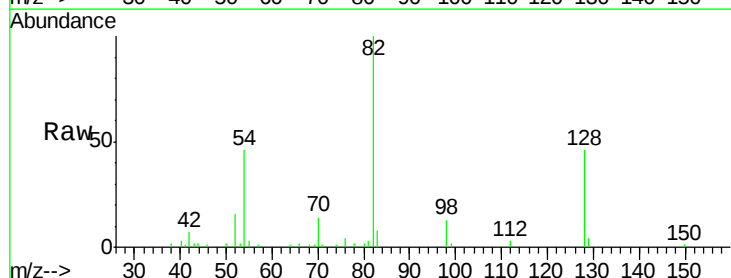
Tgt Ion: 82 Resp: 95553

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

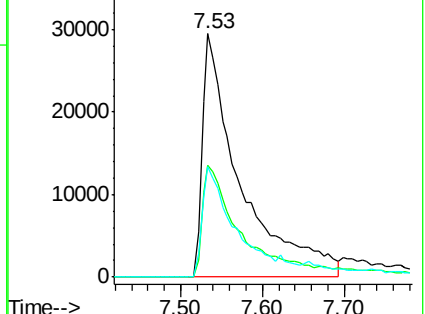
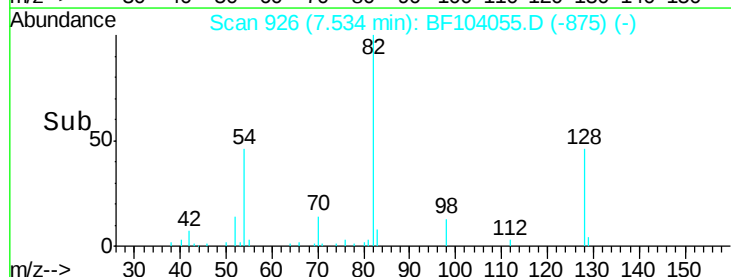
54 45.6 41.4 62.2

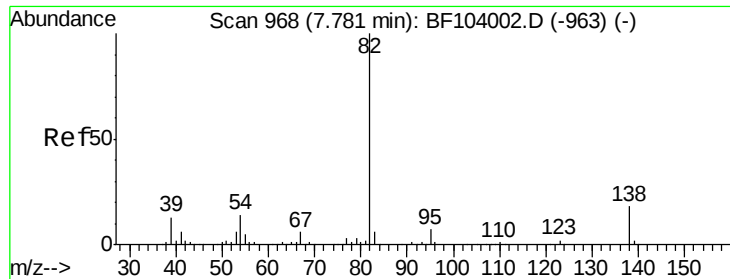


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.213 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF104055.D

Acq: 29 Mar 2018 17:08

Instrument :

BNA_F

ClientSampleId :

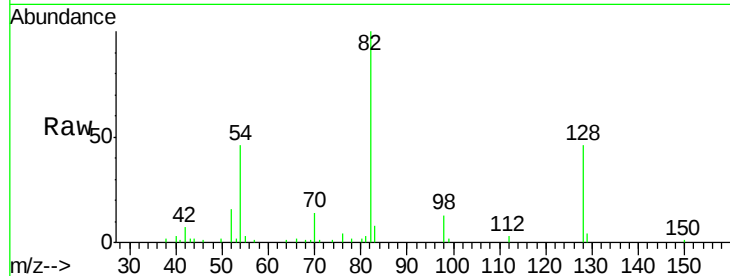
Tot Ion: 82 Resp: 95553

Ion Ratio Lower Upper

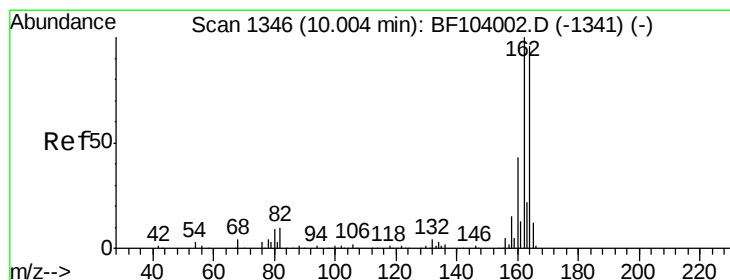
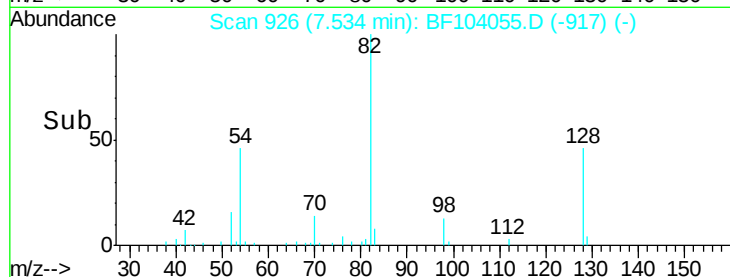
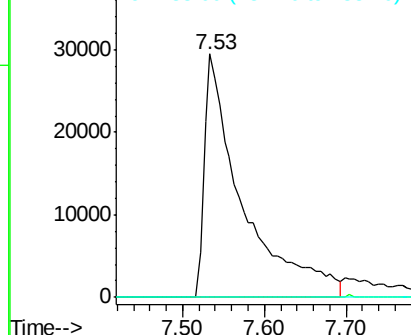
82 100

95 0.0 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104055.D

Acq: 29 Mar 2018 17:08

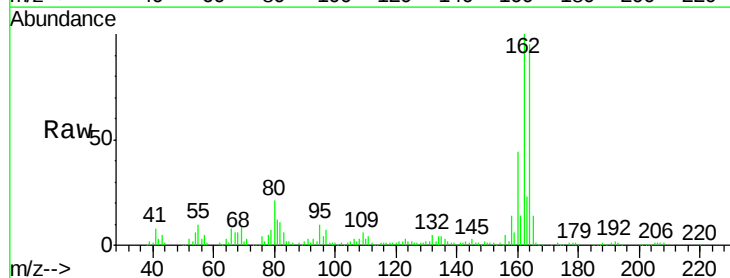
Tgt Ion:164 Resp: 182771

Ion Ratio Lower Upper

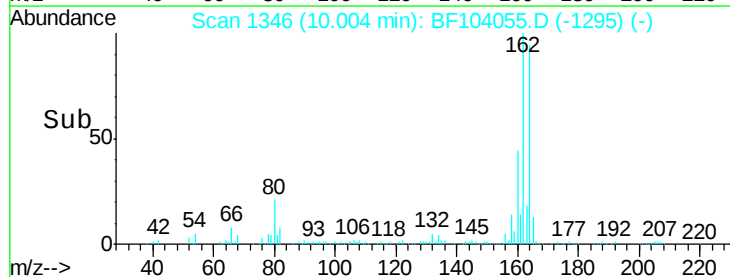
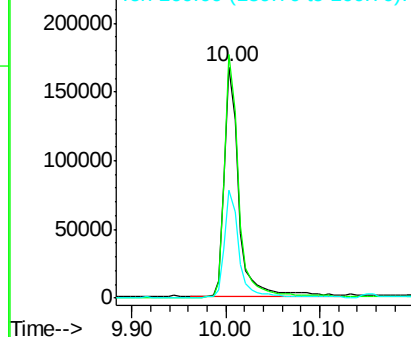
164 100

162 105.3 86.1 129.1

160 46.6 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

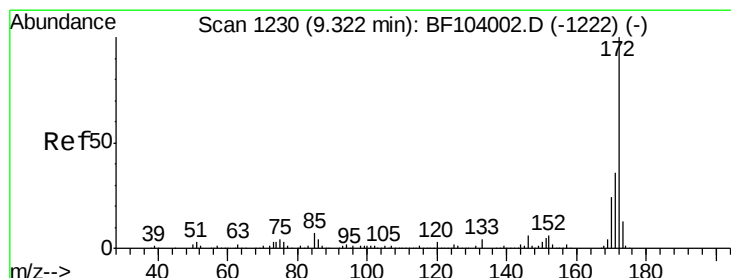
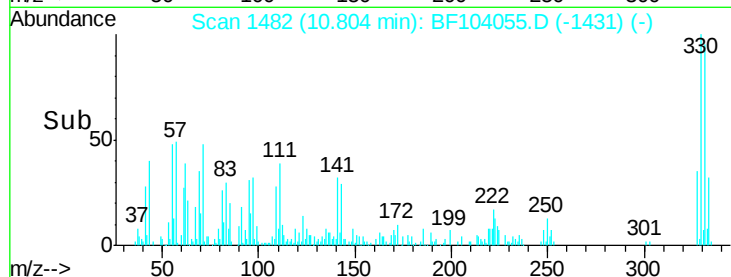
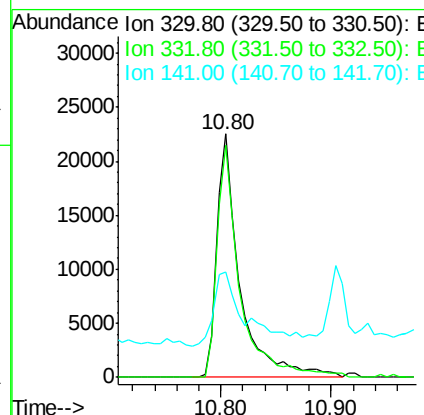
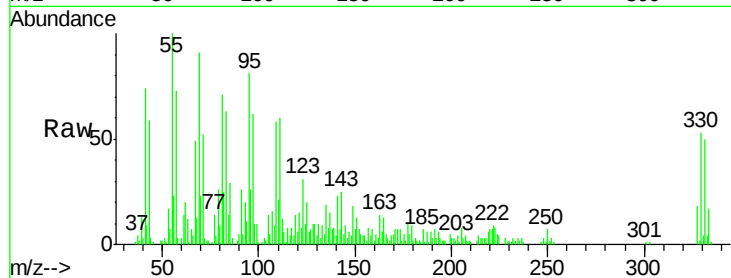




#41
 2,4,6-Tribromophenol
 Concen: 15.868 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104055.D
 Acq: 29 Mar 2018 17:08

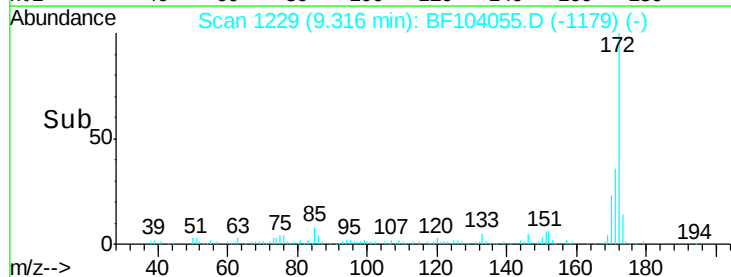
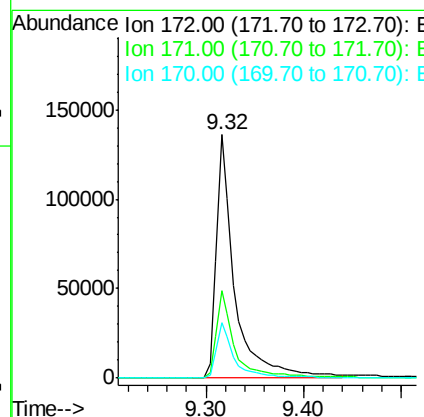
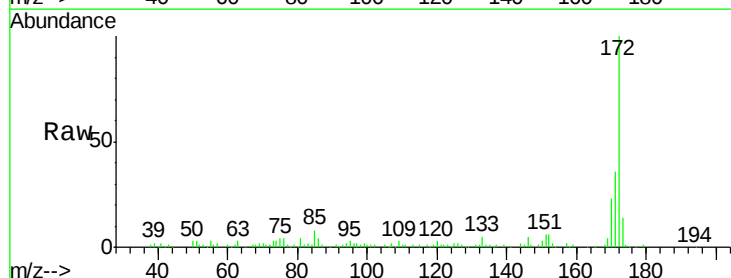
Instrument :
 BNA_F
 ClientSampleId :

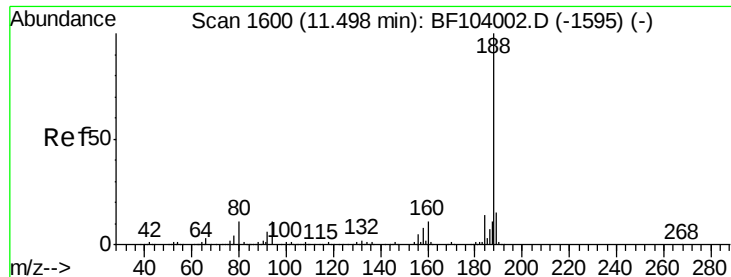
Tot Ion:330 Resp: 32293
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 40.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 15.444 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104055.D
 Acq: 29 Mar 2018 17:08

Tgt Ion:172 Resp: 179008
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 22.7 19.6 29.4

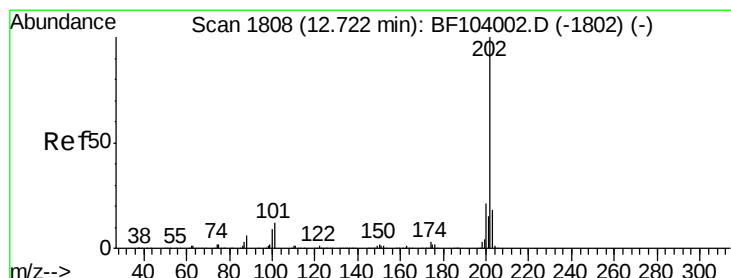
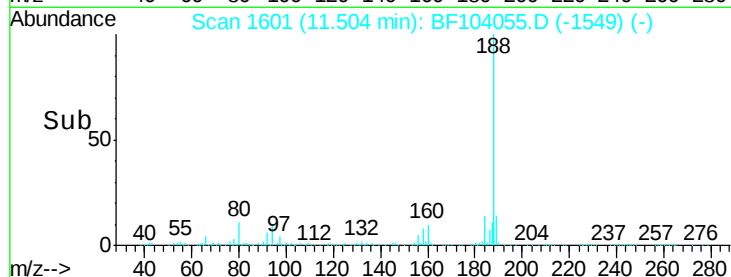
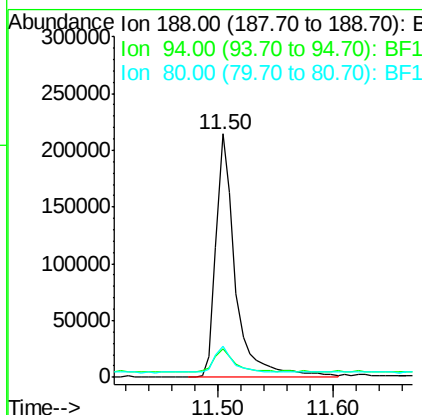
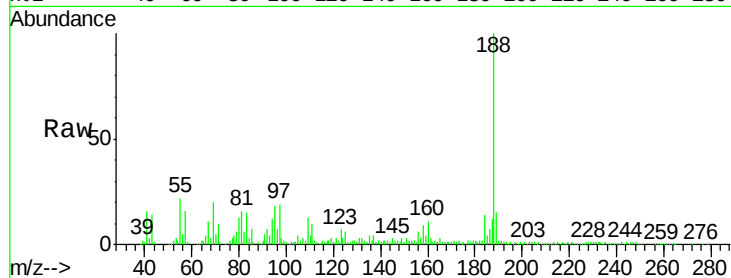




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104055.D
Acq: 29 Mar 2018 17:08

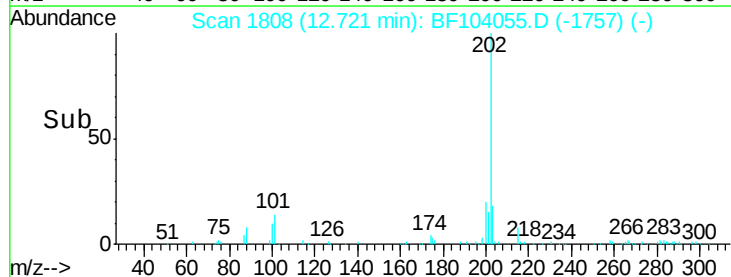
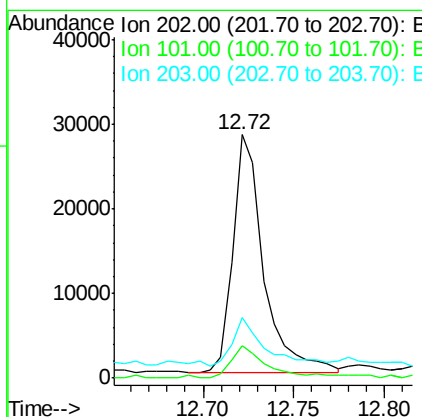
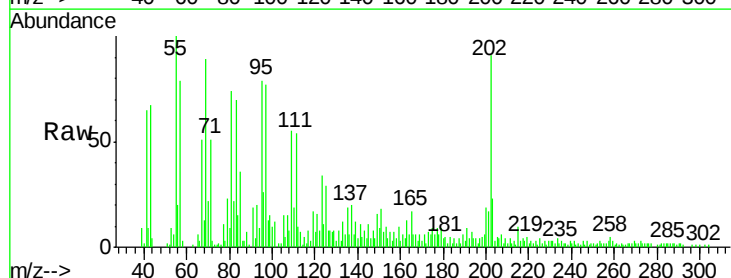
Instrument :
BNA_F
ClientSampled :

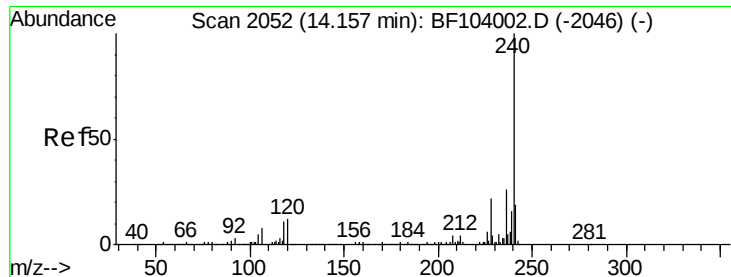
Tot Ion:188 Resp: 247984
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.6 9.2 13.8



#74
Fluoranthene
Concen: 2.358 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF104055.D
Acq: 29 Mar 2018 17:08

Tgt Ion:202 Resp: 33645
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.1
203 25.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104055.D

Acq: 29 Mar 2018 17:08

Instrument :

BNA_F

ClientSampleId :

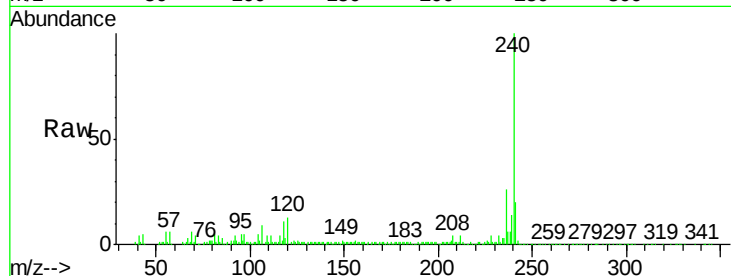
Tot Ion:240 Resp: 214568

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

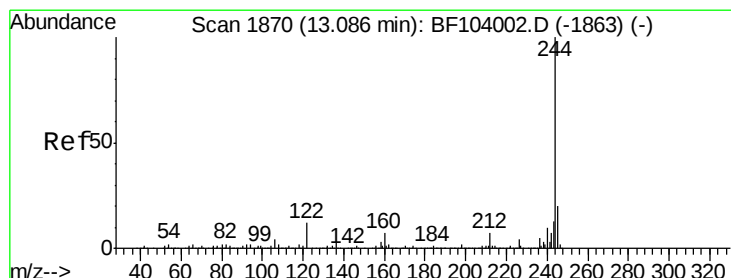
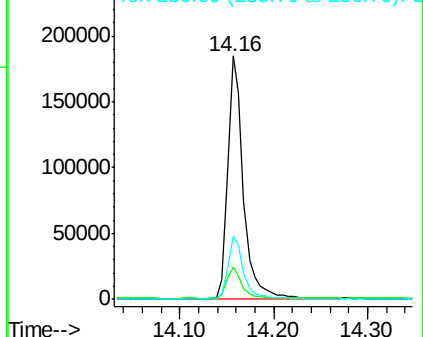
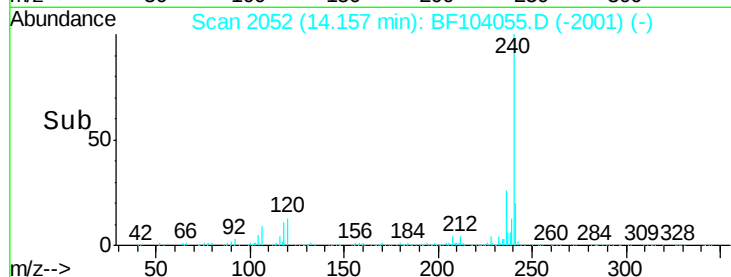
236 25.7 20.7 31.1



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: 12.515 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF104055.D

Acq: 29 Mar 2018 17:08

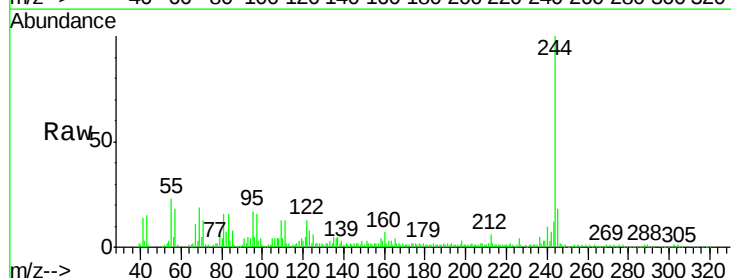
Tgt Ion:244 Resp: 116299

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

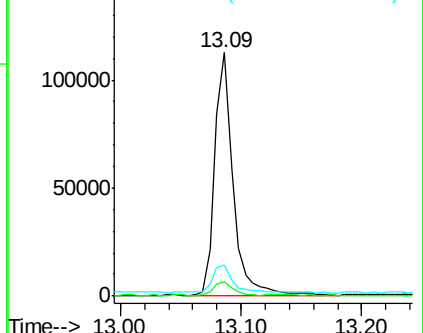
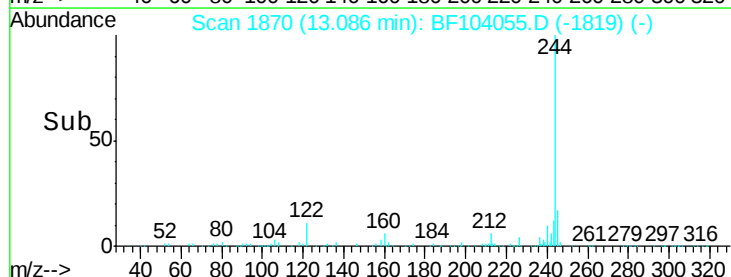
122 12.6 11.0 16.4

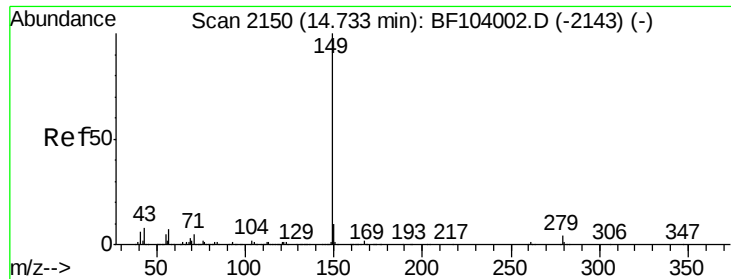


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 15.271 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.01 min

Lab File: BF104055.D

Acq: 29 Mar 2018 17:08

Instrument :

BNA_F

ClientSampled :

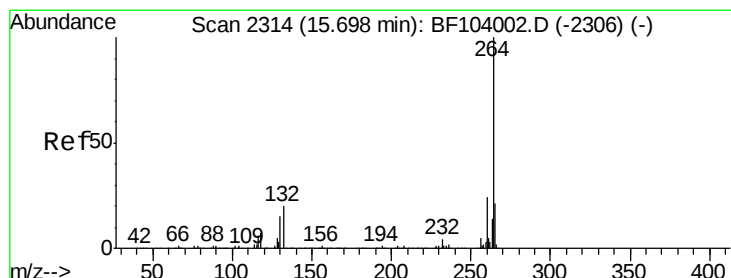
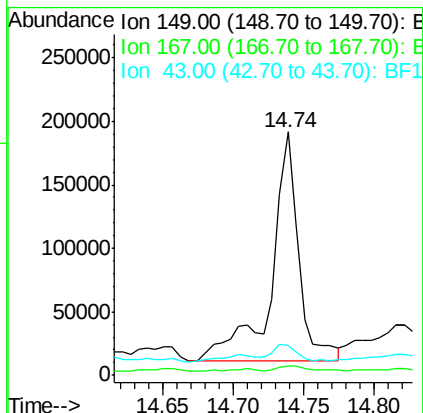
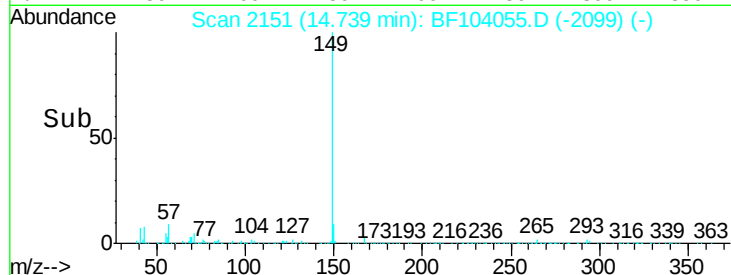
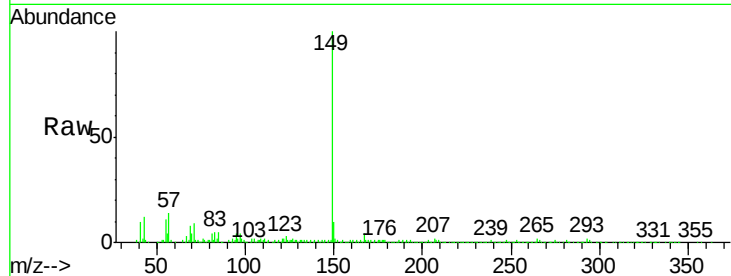
Tot Ion:149 Resp: 246649

Ion Ratio Lower Upper

149 100

167 3.7 1.2 1.8#

43 5.5 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. 0.01 min

Lab File: BF104055.D

Acq: 29 Mar 2018 17:08

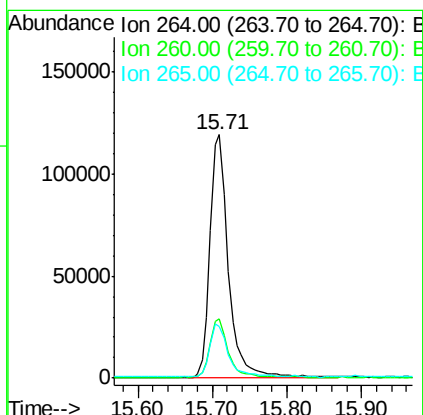
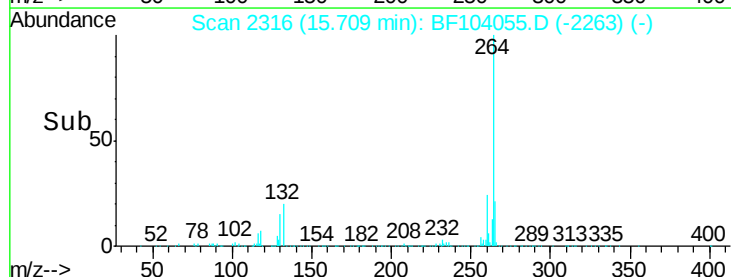
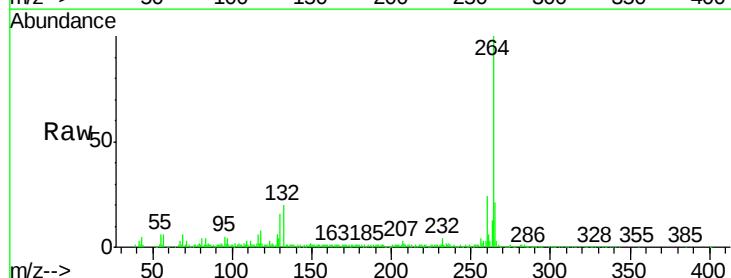
Tgt Ion:264 Resp: 202615

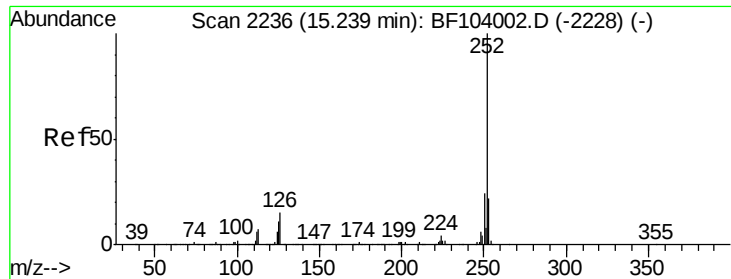
Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.4 17.5 26.3

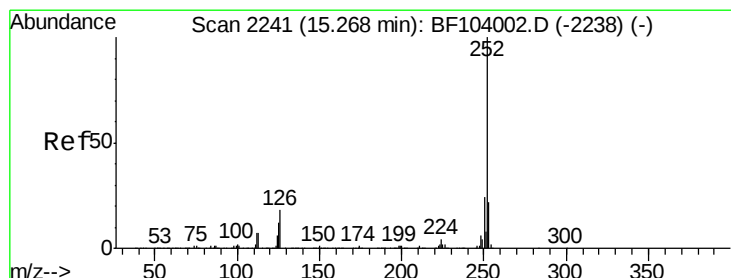
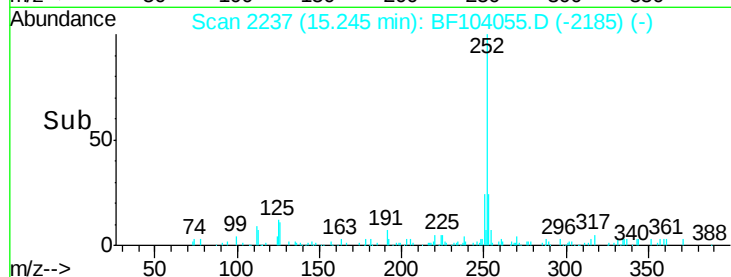
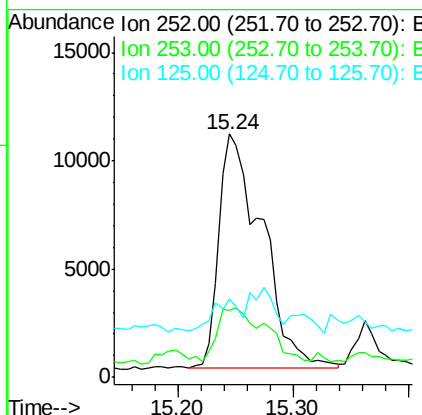
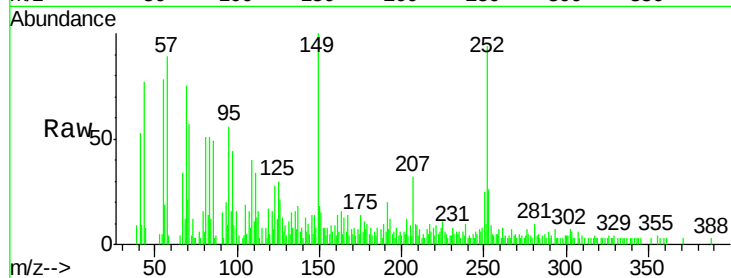




#87
Benzo(b)fluoranthene
Concen: 2.262 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104055.D
Acq: 29 Mar 2018 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.0	25.6#
125	32.2	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 2.401 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF104055.D
Acq: 29 Mar 2018 17:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.9	26.9#
125	32.2	10.2	15.2#

