

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110254.D
 Acq On : 29 Oct 2018 11:31
 Operator : JU/SJ
 Sample : J5624-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01

Quant Time: Oct 29 12:47:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 12:32:31 2018
 Response via : Initial Calibration

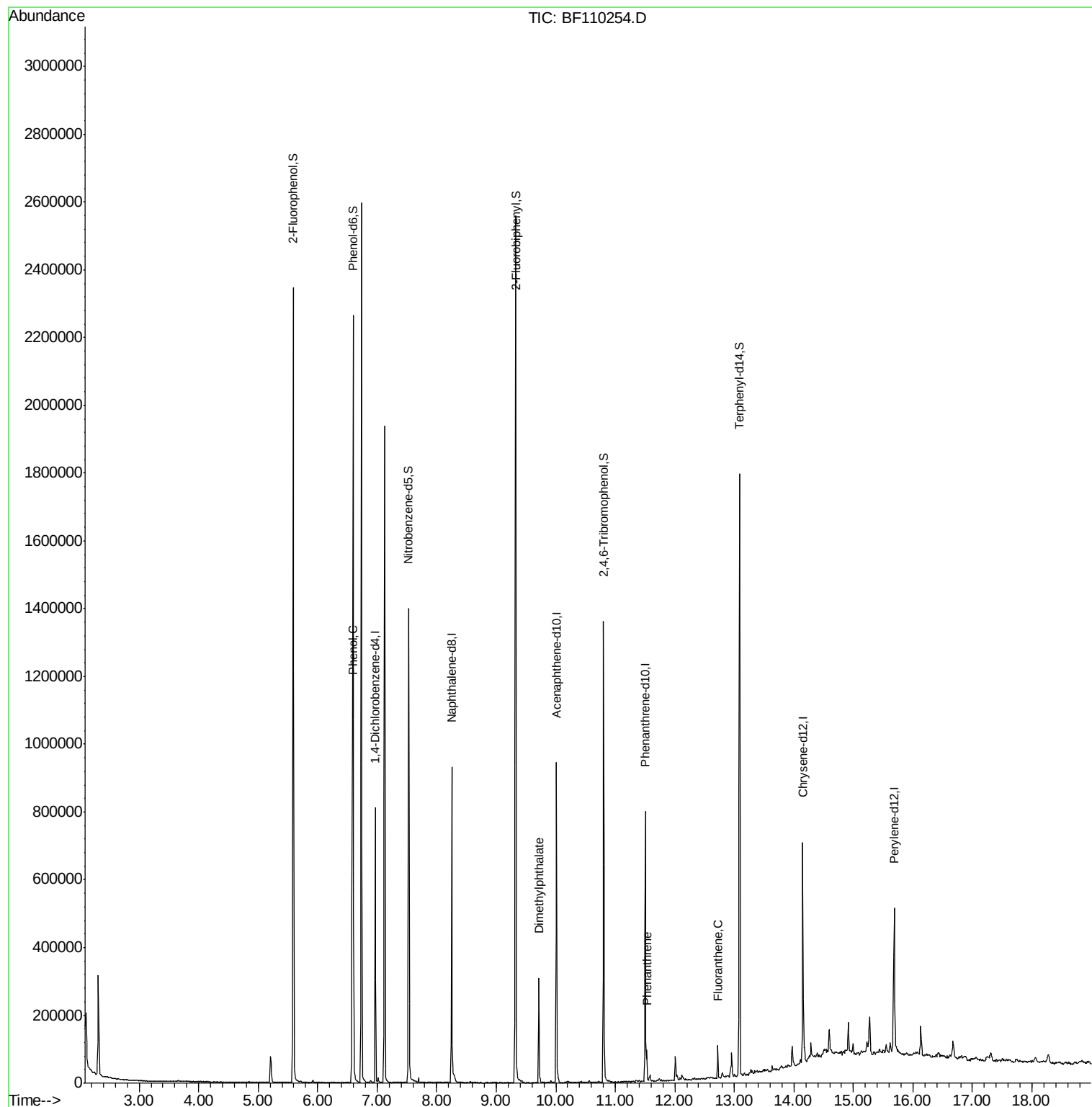
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	108950	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	426187	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	179944	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	278763	20.00	ng	0.00
76) Chrysene-d12	14.15	240	214428	20.00	ng	0.00
87) Perylene-d12	15.69	264	185124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	642391	96.02	ng	0.00
7) Phenol-d6	6.59	99	797767	93.22	ng	0.00
23) Nitrobenzene-d5	7.53	82	504300	70.18	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	154540	86.70	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	865845	75.56	ng	0.00
79) Terphenyl-d14	13.09	244	594188	57.63	ng	0.00
Target Compounds						
10) Phenol	6.60	94	116512	12.737	ng	Qvalue # 61
50) Dimethylphthalate	9.72	163	130227	9.804	ng	99
71) Phenanthrene	11.53	178	29438	2.018	ng	99
75) Fluoranthene	12.72	202	35060	2.368	ng	97

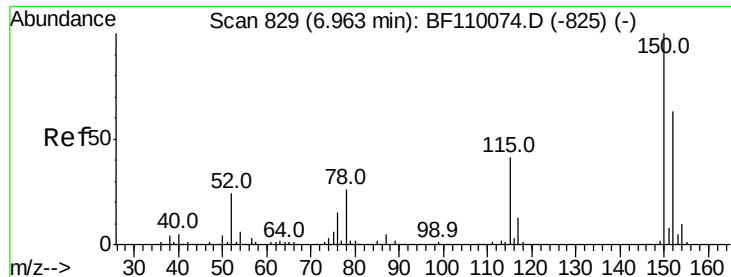
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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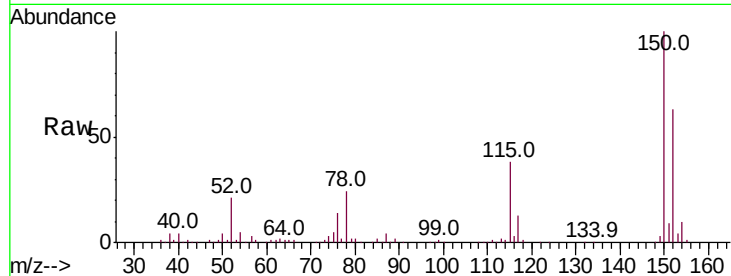


#1

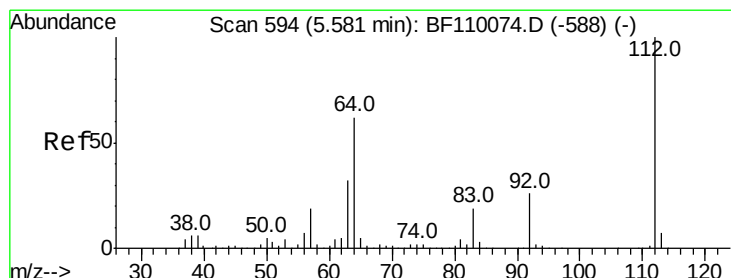
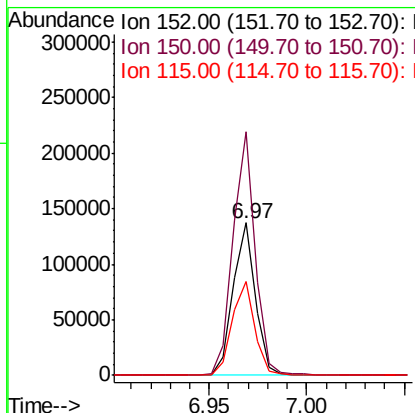
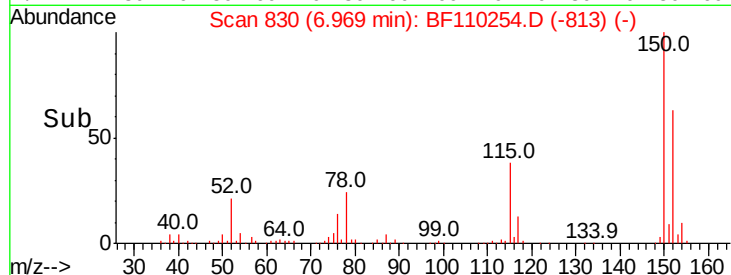
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :
PA-SED-01

Tot Ion:152 Resp: 108950
Ion Ratio Lower Upper
152 100
150 159.6 122.7 184.1
115 61.4 49.1 73.7



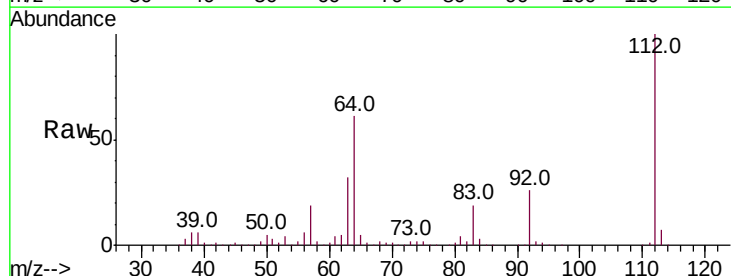
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



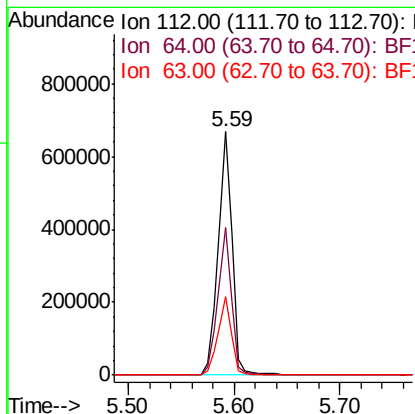
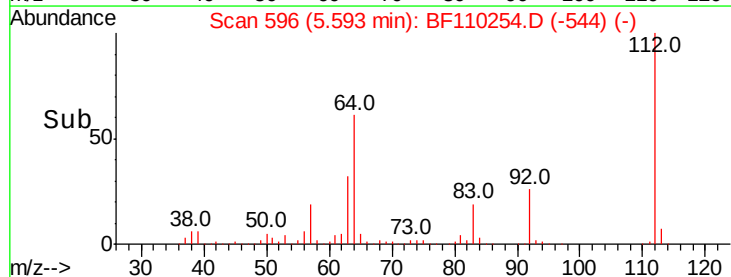
#5

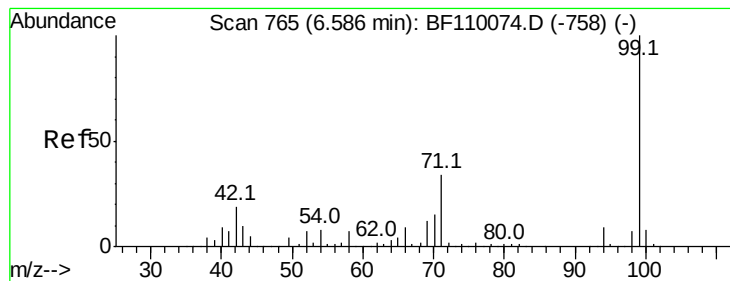
2-Fluorophenol
Concen: 96.017 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:112 Resp: 642391
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 32.0 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: 93.224 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110254.D

Acq: 29 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

PA-SED-01

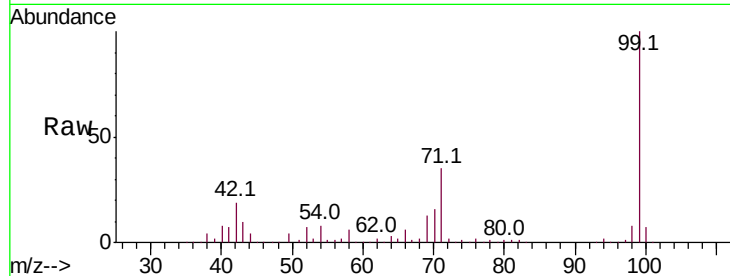
Tot Ion: 99 Resp: 797767

Ion Ratio Lower Upper

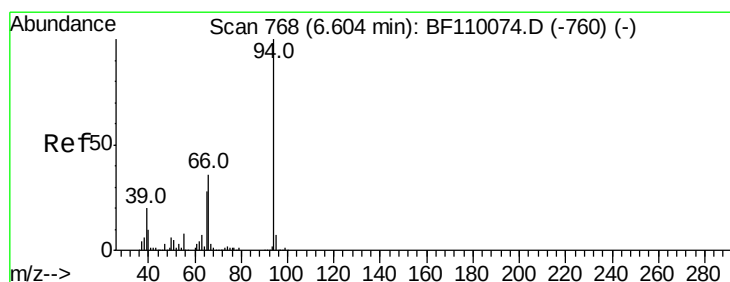
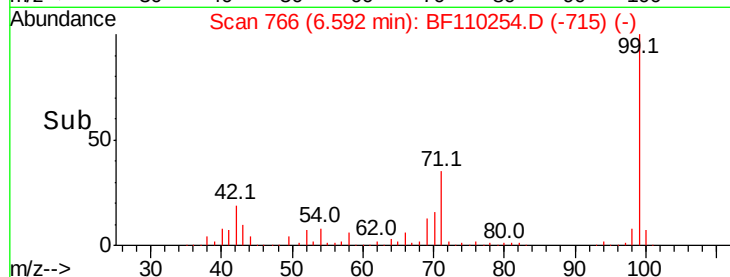
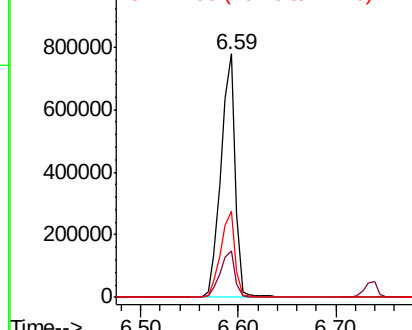
99 100

42 19.0 15.8 23.6

71 35.5 28.0 42.0



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



#10

Phenol

Concen: 12.737 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF110254.D

Acq: 29 Oct 2018 11:31

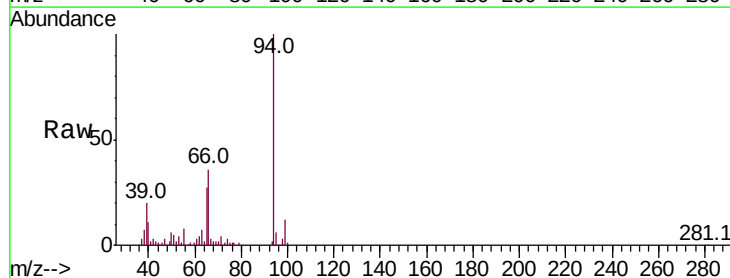
Tgt Ion: 94 Resp: 116512

Ion Ratio Lower Upper

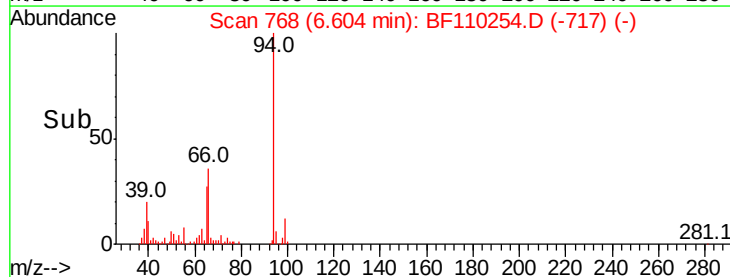
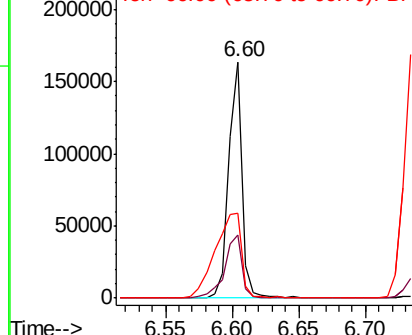
94 100

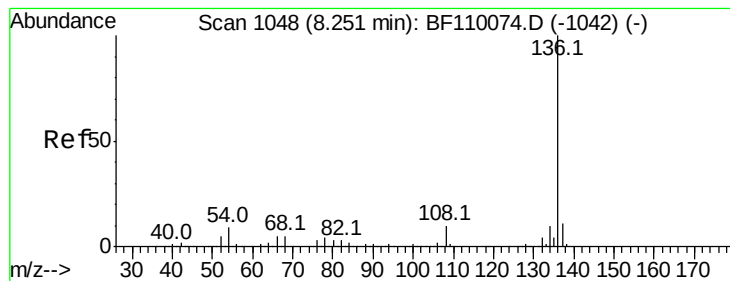
65 26.8 25.3 65.3

66 36.1 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110254.D

Acq: 29 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

PA-SED-01

Tot Ion:136 Resp: 426187

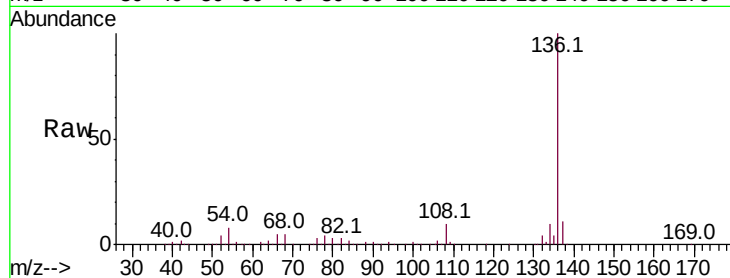
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.2 5.4 8.2#

68 4.8 4.2 6.2

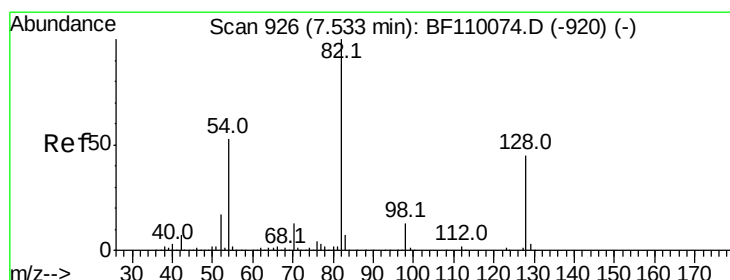
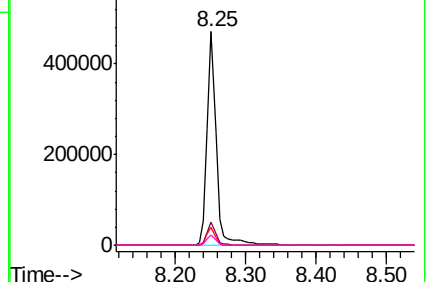
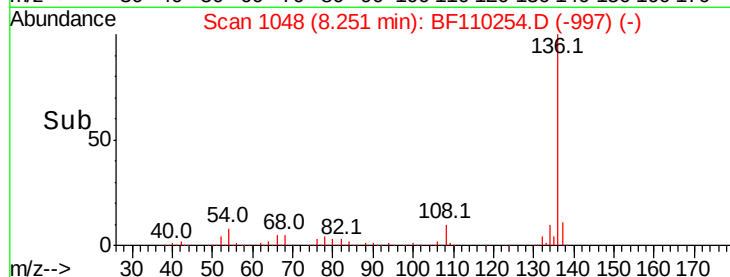


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.184 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF110254.D

Acq: 29 Oct 2018 11:31

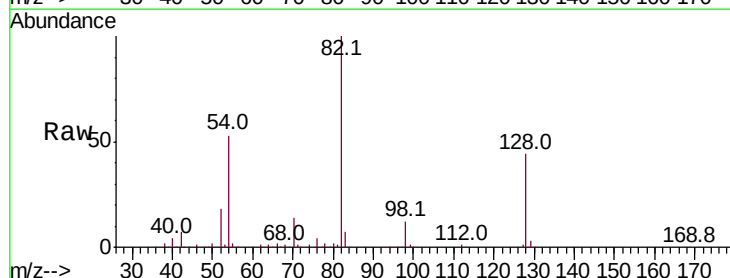
Tgt Ion: 82 Resp: 504300

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.2

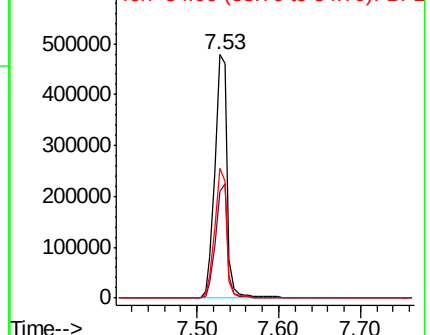
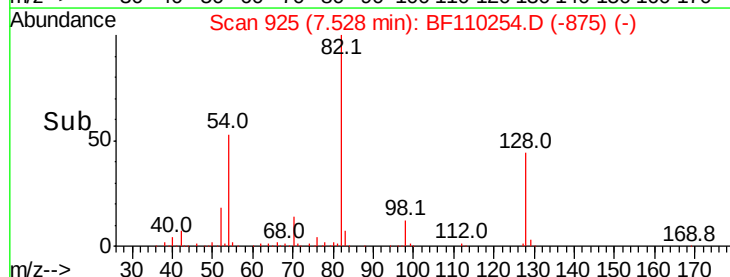
54 53.1 38.6 58.0

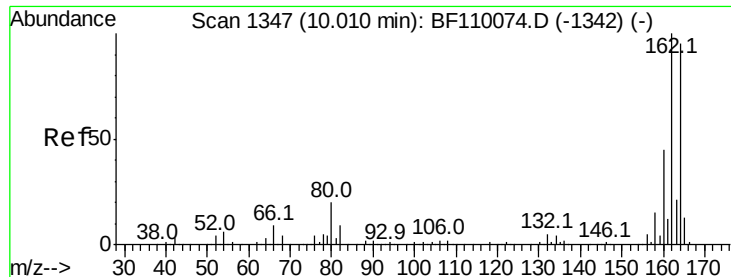


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

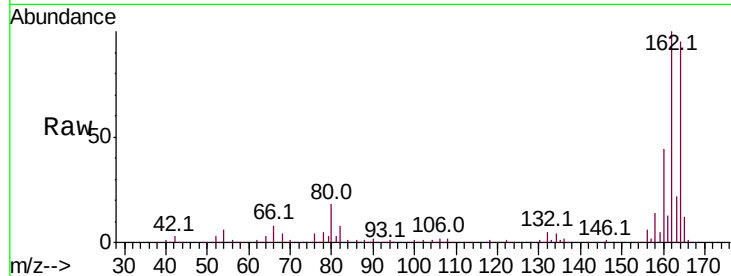




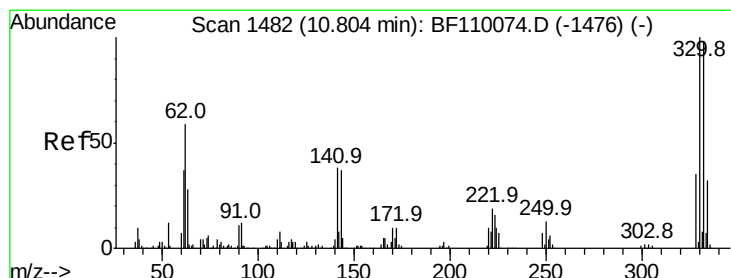
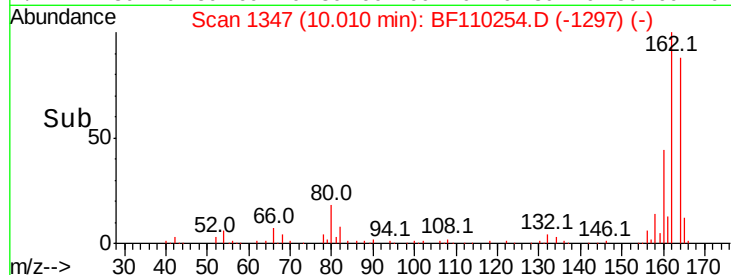
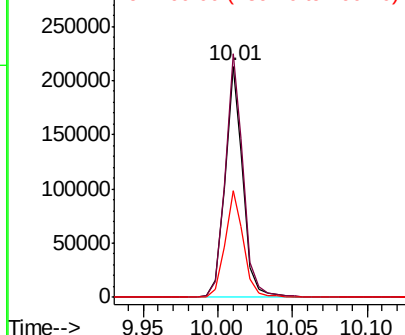
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :
PA-SED-01

Tot Ion:164 Resp: 179944
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.6
160 45.9 37.0 55.6

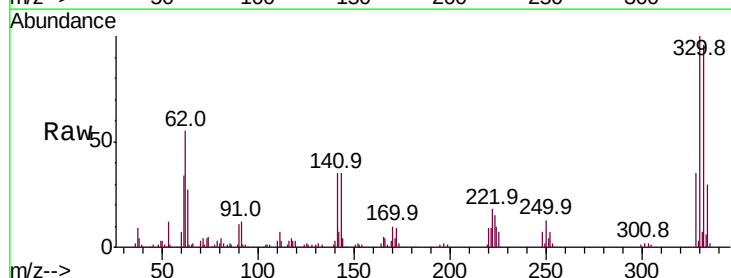


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

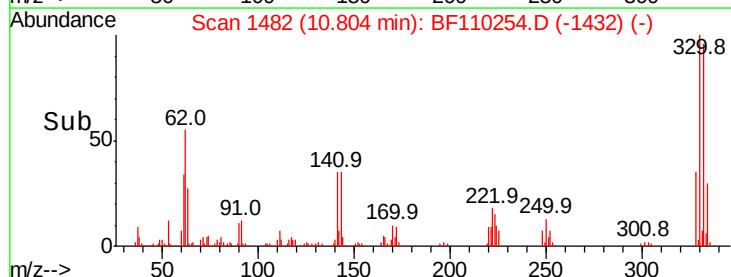
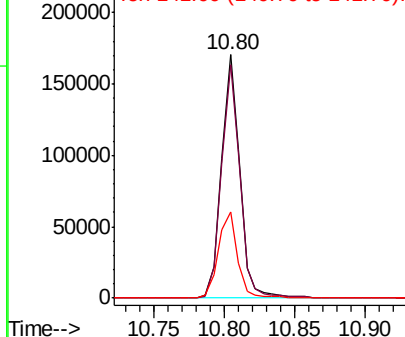


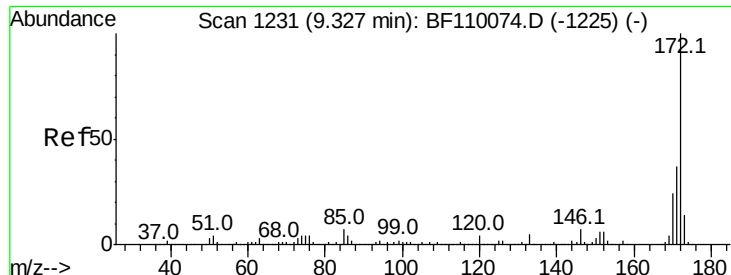
#42
2,4,6-Tribromophenol
Concen: 86.700 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:330 Resp: 154540
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 37.3 27.0 40.4



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

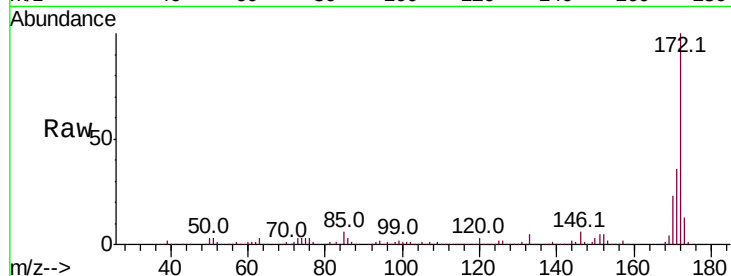




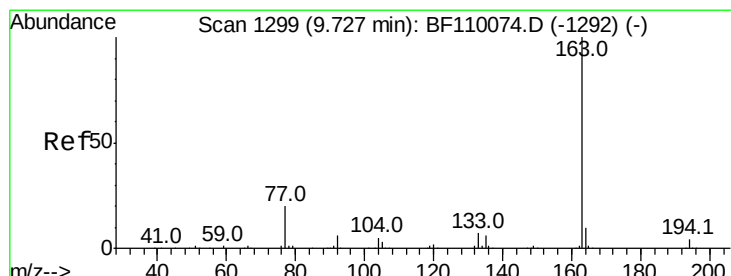
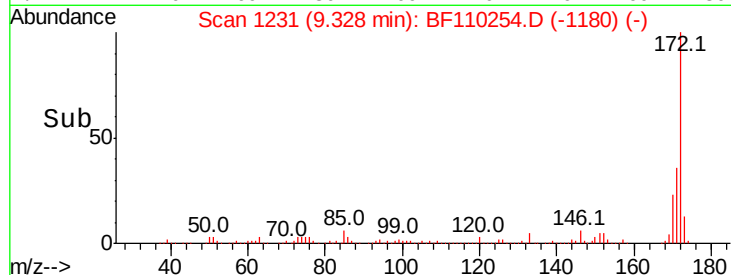
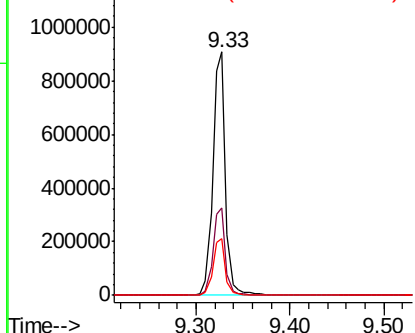
#45
2-Fluorobiphenyl
Concen: 75.557 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Instrument :
BNA_F
ClientSampleId :
PA-SED-01

Tot Ion:172 Resp: 865845
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.4 19.7 29.5

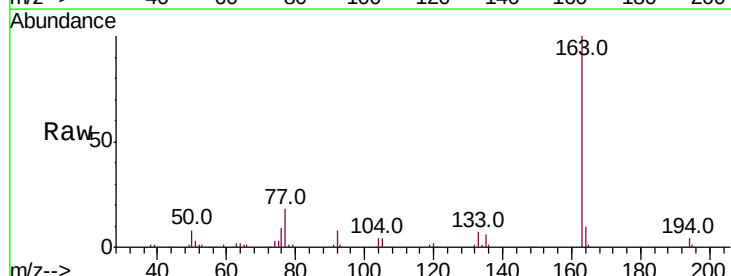


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

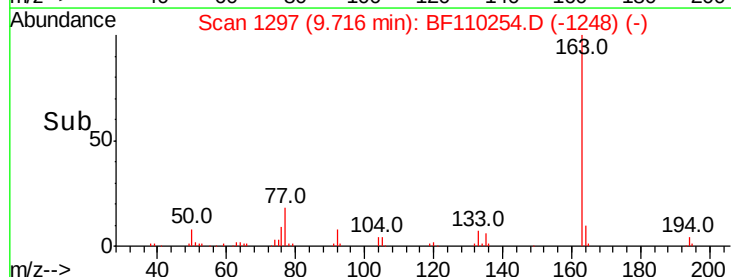
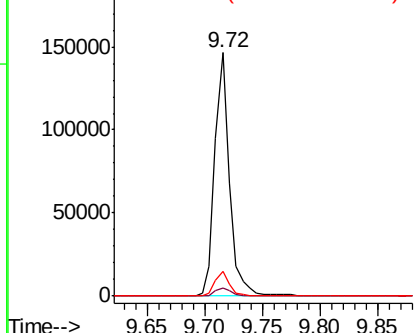


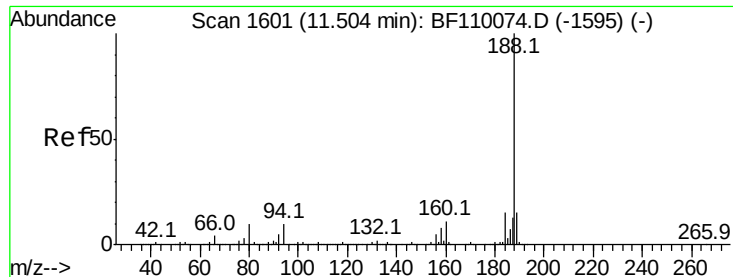
#50
Dimethylphthalate
Concen: 9.804 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110254.D
Acq: 29 Oct 2018 11:31

Tgt Ion:163 Resp: 130227
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.3 8.1 12.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110254.D

Acq: 29 Oct 2018 11:31

Instrument :

BNA_F

ClientSampleId :

PA-SED-01

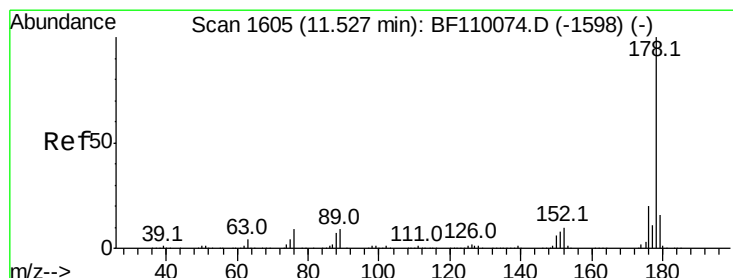
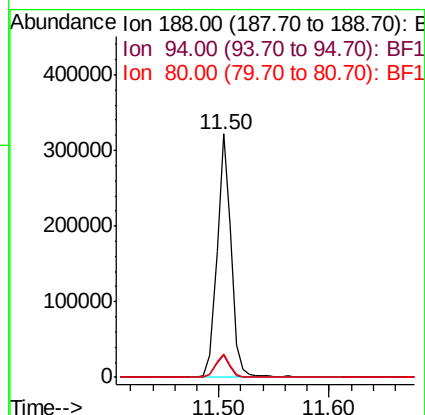
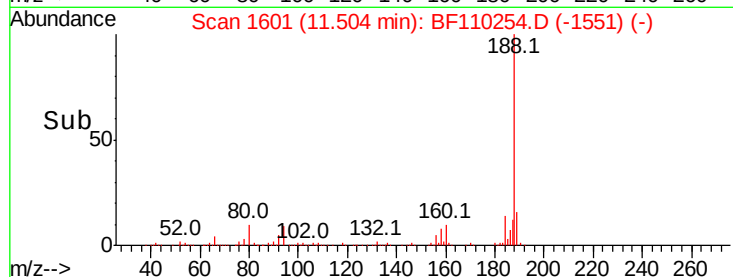
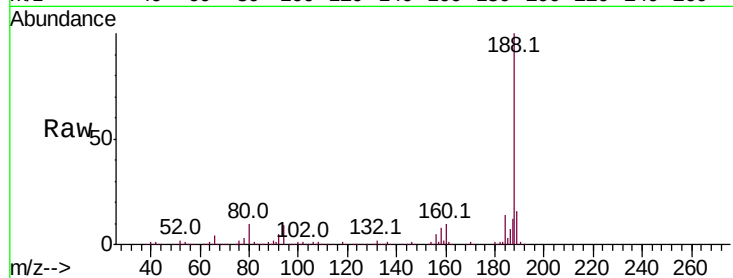
Tot Ion:188 Resp: 278763

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.7 7.9 11.9



#71

Phenanthrene

Concen: 2.018 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BF110254.D

Acq: 29 Oct 2018 11:31

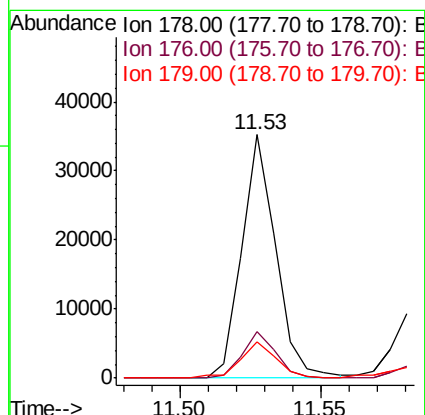
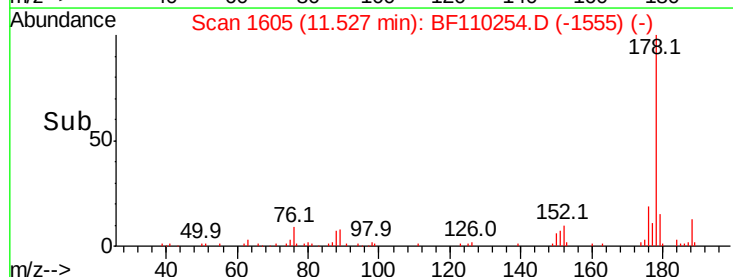
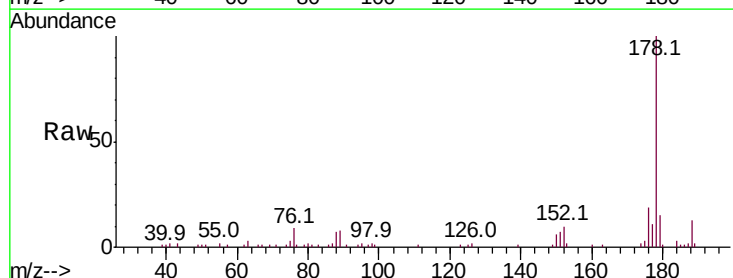
Tgt Ion:178 Resp: 29438

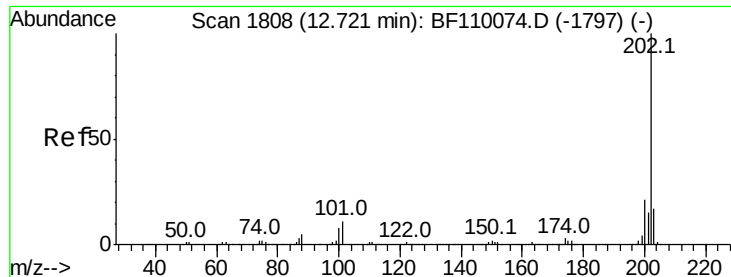
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 14.7 12.5 18.7





#75

Fluoranthene

Concen: 2.368 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110254.D

Acq: 29 Oct 2018 11:31

Instrument :

BNA_F

ClientSampled :

PA-SED-01

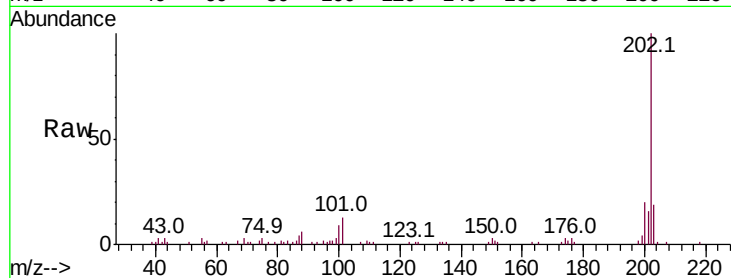
Tot Ion:202 Resp: 35060

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.4

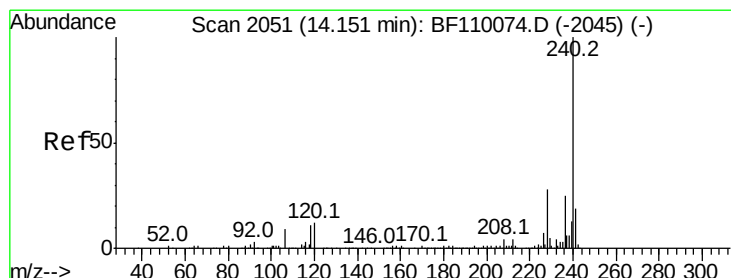
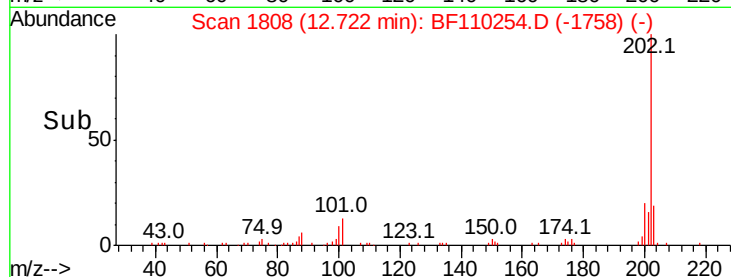
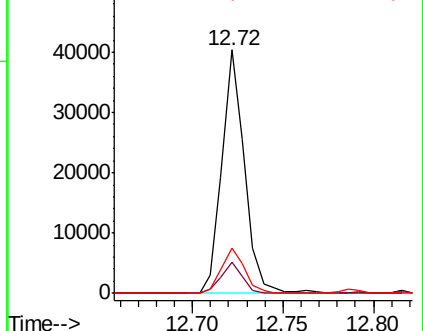
203 18.8 0.0 37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110254.D

Acq: 29 Oct 2018 11:31

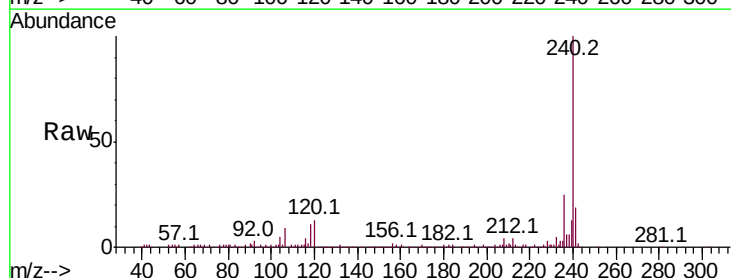
Tgt Ion:240 Resp: 214428

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

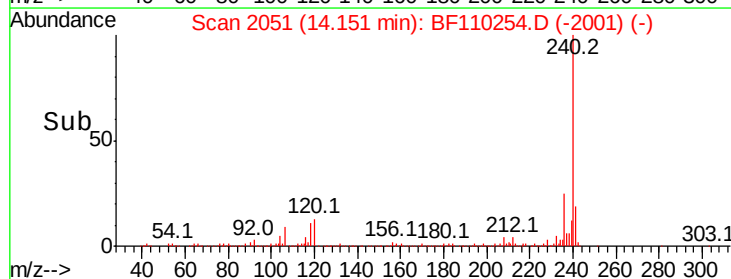
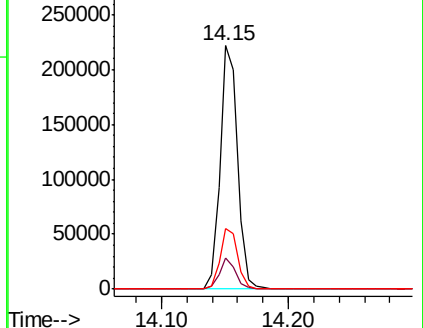
236 25.1 21.2 31.8

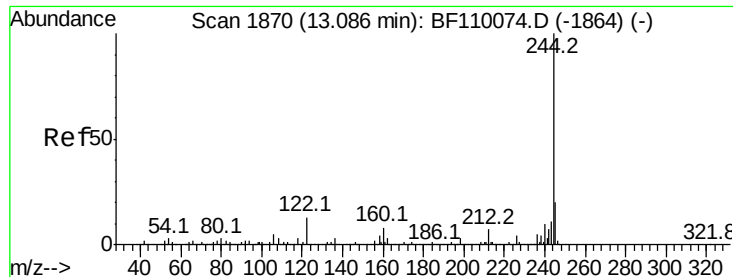


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

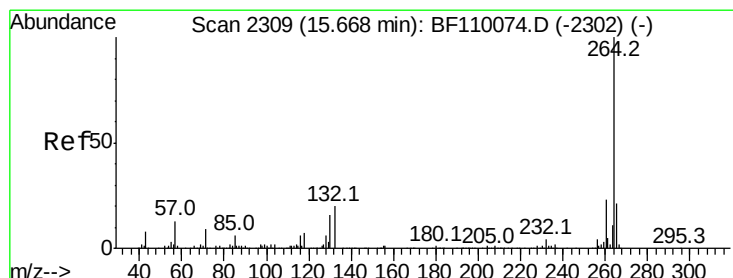
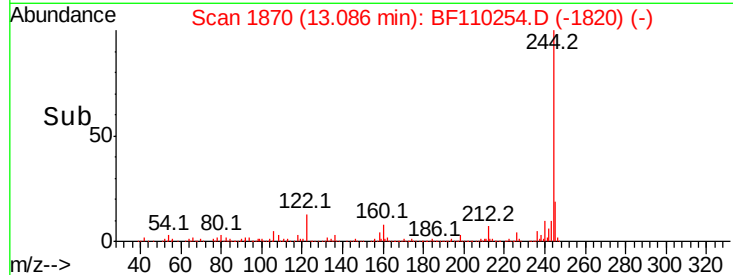
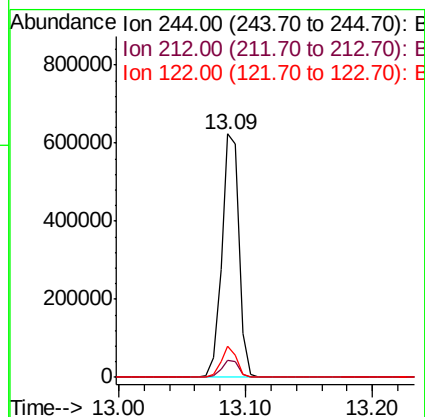
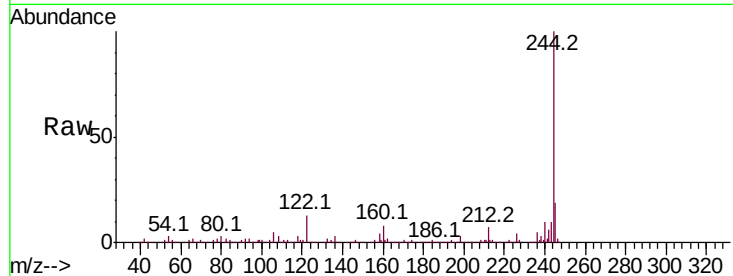




#79
 Terphenyl-d14
 Concen: 57.630 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BF110254.D
 Acq: 29 Oct 2018 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.9	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: BF110254.D
 Acq: 29 Oct 2018 11:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.3	16.7	25.1

