

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110353.D
 Acq On : 1 Nov 2018 1:29
 Operator : JU/SJ
 Sample : J5630-02 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2

Quant Time: Nov 01 05:12:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

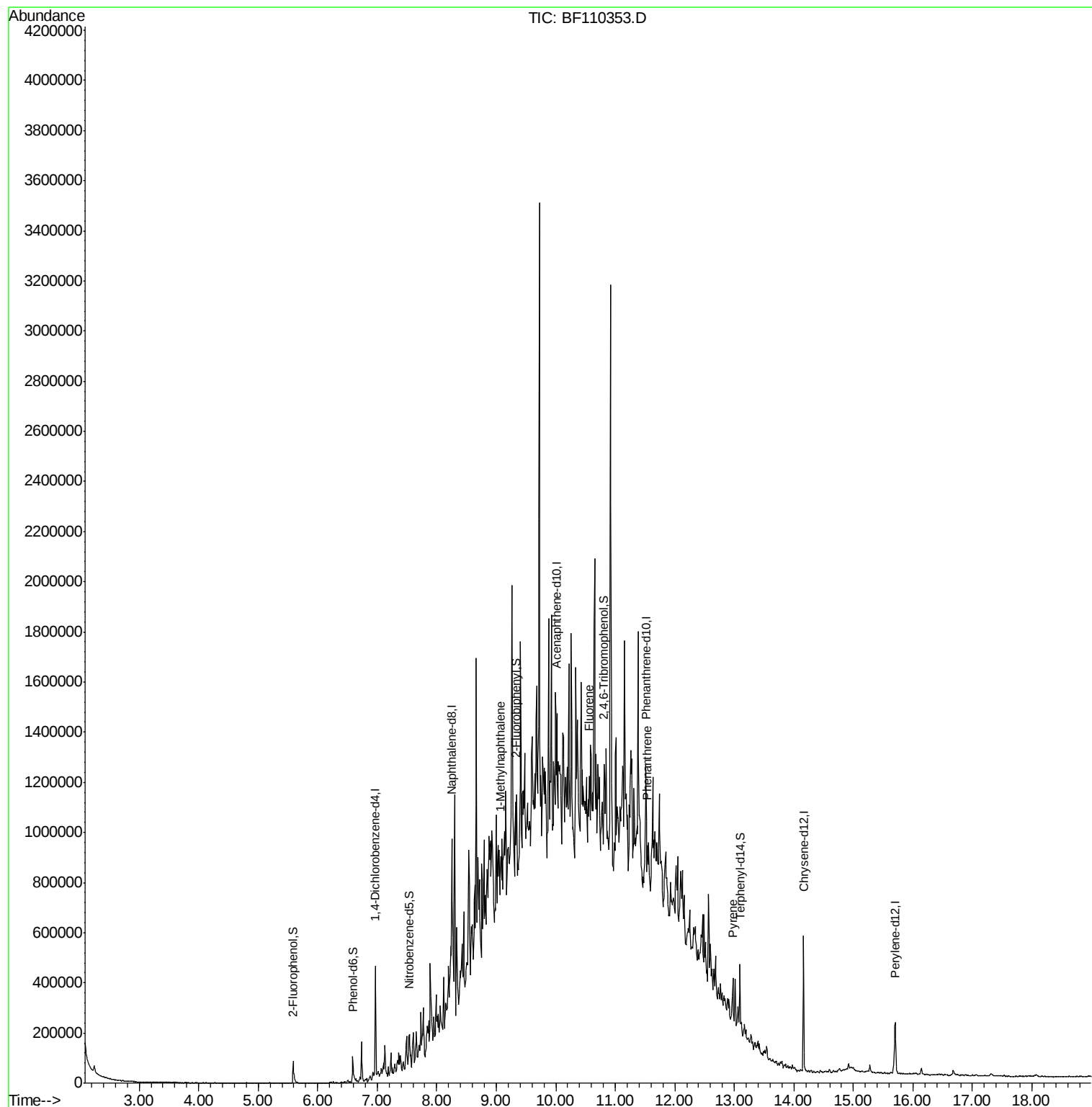
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	60383	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	219075	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	84086	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	153208	20.00	ng	0.00
76) Chrysene-d12	14.16	240	170330	20.00	ng	0.00
87) Perylene-d12	15.70	264	103514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	37691	10.16	ng	0.00
7) Phenol-d6	6.59	99	47507	10.02	ng	-0.02
23) Nitrobenzene-d5	7.53	82	24676	6.68	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	7808	9.37	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	47816	8.93	ng	0.00
79) Terphenyl-d14	13.09	244	58159	7.10	ng	-0.01
Target Compounds						
38) 1-Methylnaphthalene	9.07	142	27326	4.233	ng	# 90
58) Fluorene	10.57	166	15399	2.773	ng	# 76
71) Phenanthrene	11.54	178	35179	4.388	ng	# 82
78) Pyrene	12.96	202	34663	2.839	ng	# 95

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

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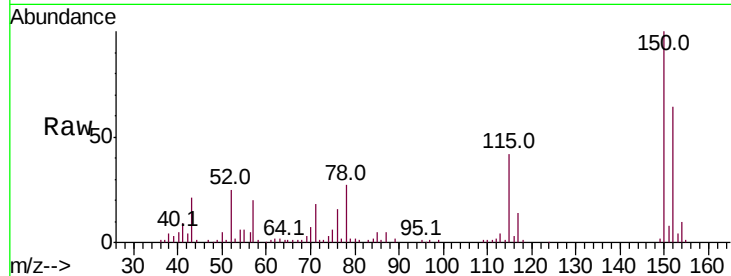


#1

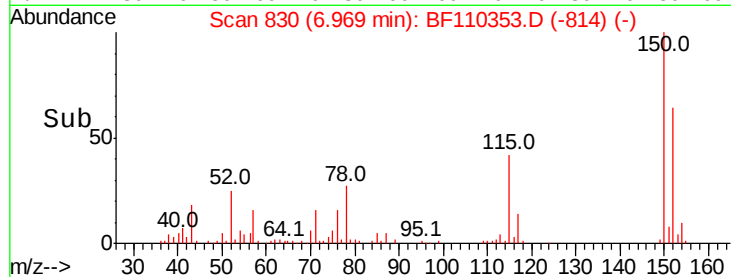
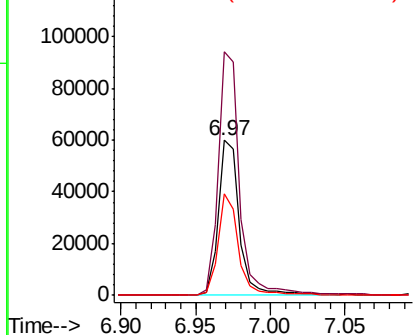
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110353.D
Acq: 1 Nov 2018 1:29

Instrument :
BNA_F
ClientSampleId :
T2

Tot Ion:152 Resp: 60383
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 65.2 49.1 73.7



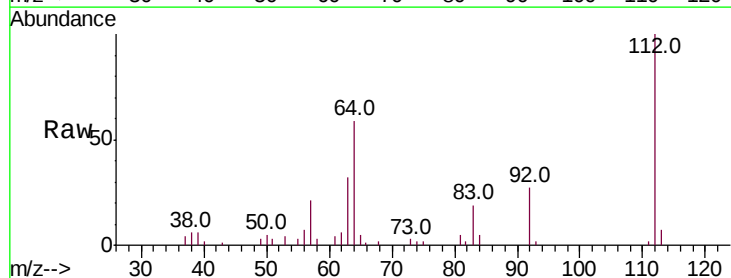
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



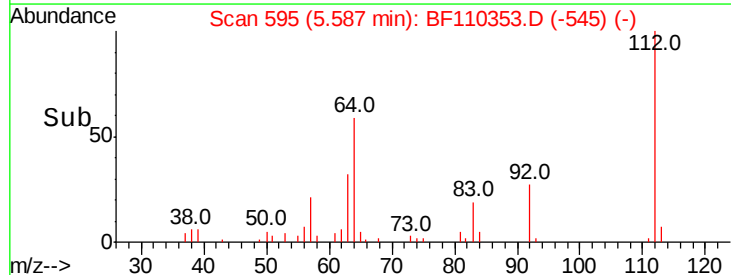
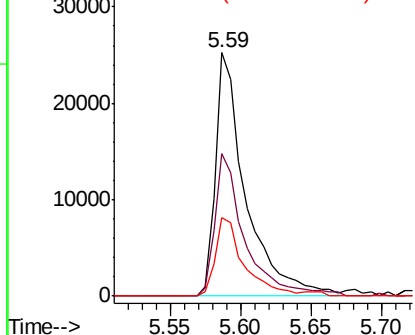
#5

2-Fluorophenol
Concen: 10.165 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110353.D
Acq: 1 Nov 2018 1:29

Tgt Ion:112 Resp: 37691
Ion Ratio Lower Upper
112 100
64 58.6 44.1 66.1
63 32.4 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: 10.017 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110353.D

Acq: 1 Nov 2018 1:29

Instrument :

BNA_F

ClientSampleId :

T2

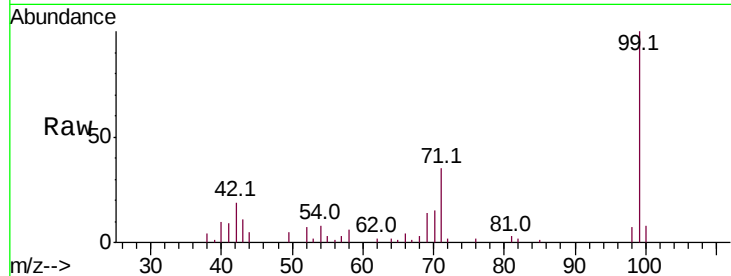
Tot Ion: 99 Resp: 47507

Ion Ratio Lower Upper

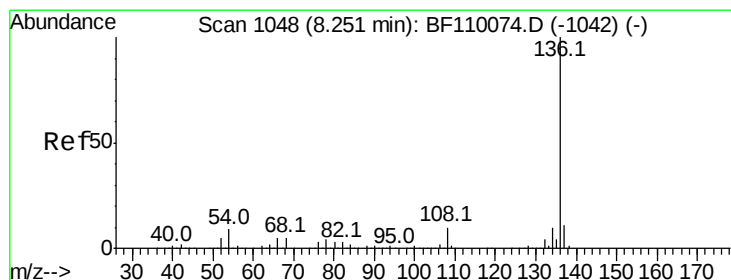
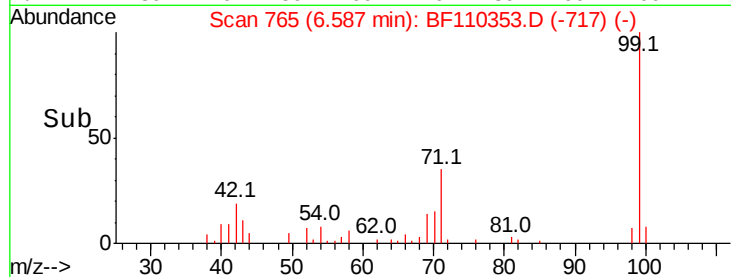
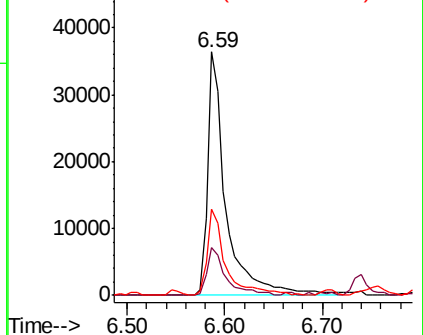
99 100

42 19.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF110353.D

Acq: 1 Nov 2018 1:29

Tgt Ion: 136 Resp: 219075

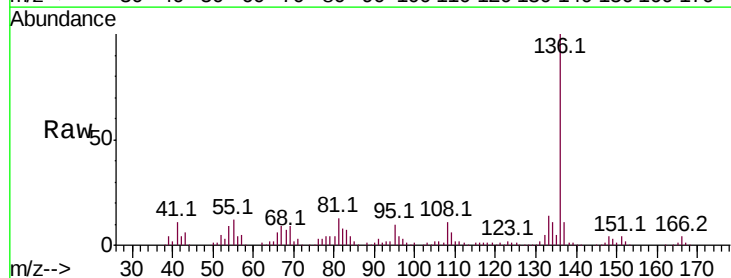
Ion Ratio Lower Upper

136 100

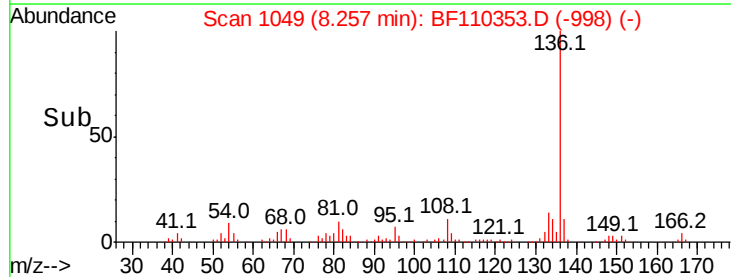
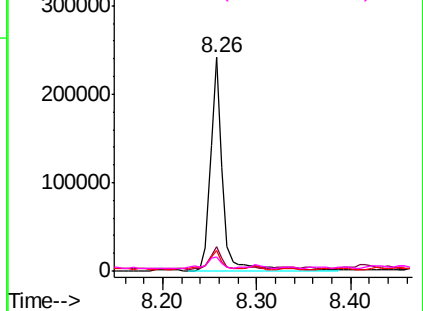
137 11.3 8.8 13.2

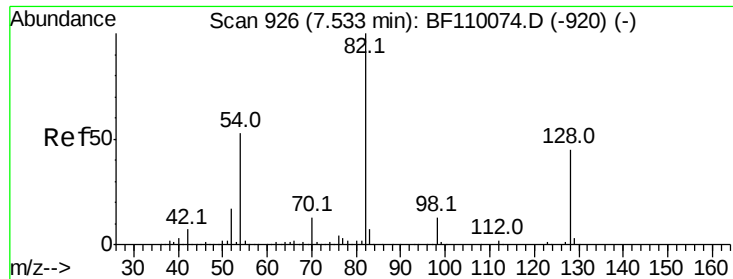
54 9.4 5.4 8.2#

68 6.8 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

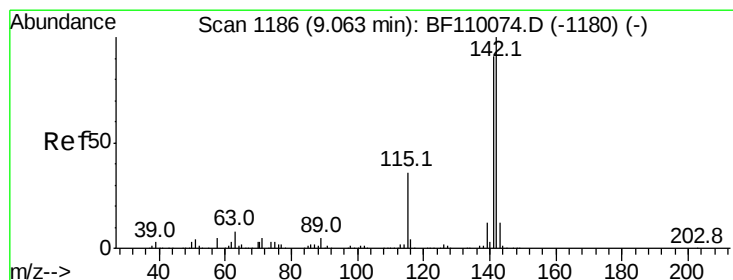
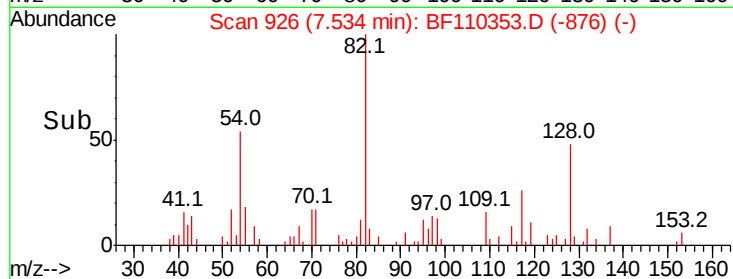
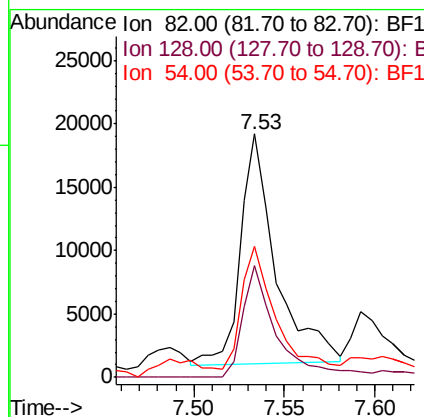
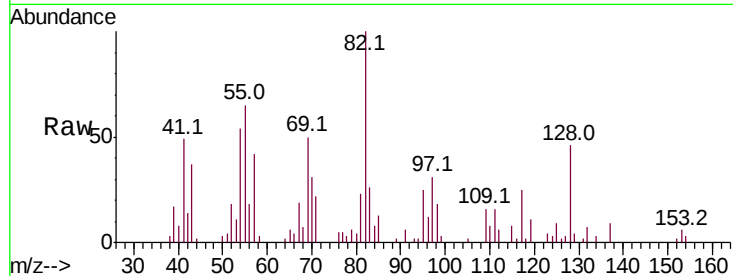




#23
Nitrobenzene-d5
Concen: 6.681 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110353.D
Acq: 1 Nov 2018 1:29

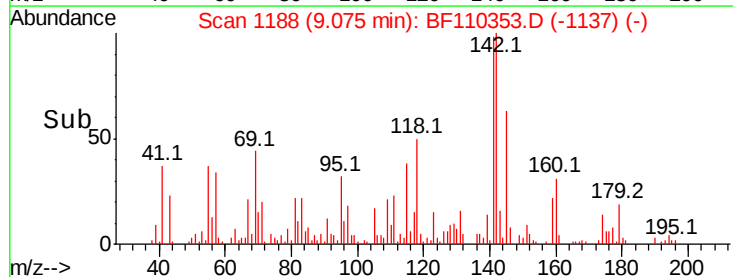
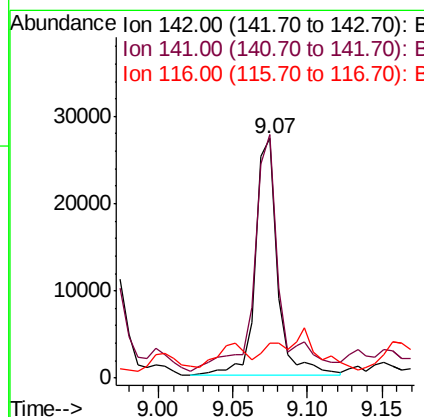
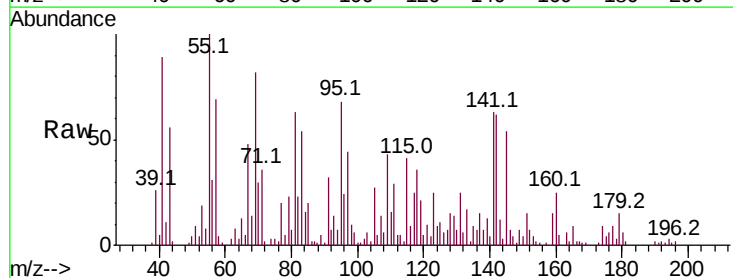
Instrument :
BNA_F
ClientSampled :
T2

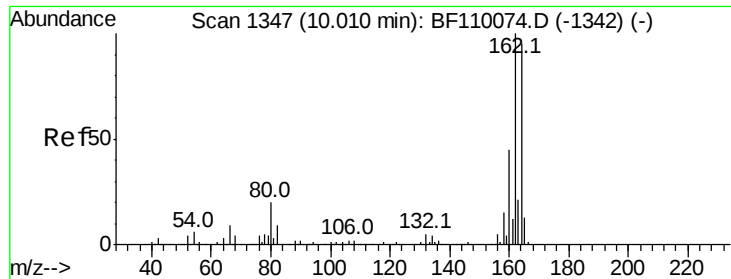
Tot Ion	82	Resp	24676
Ion Ratio	100	Lower	Upper
128	45.9	34.2	51.2
54	53.9	38.6	58.0



#38
1-Methylnaphthalene
Concen: 4.233 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF110353.D
Acq: 1 Nov 2018 1:29

Tgt Ion	142	Resp	27326
Ion Ratio	100	Lower	Upper
141	101.7	74.2	111.4
116	14.5	2.6	4.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF110353.D

Acq: 1 Nov 2018 1:29

Instrument :

BNA_F

ClientSampleId :

T2

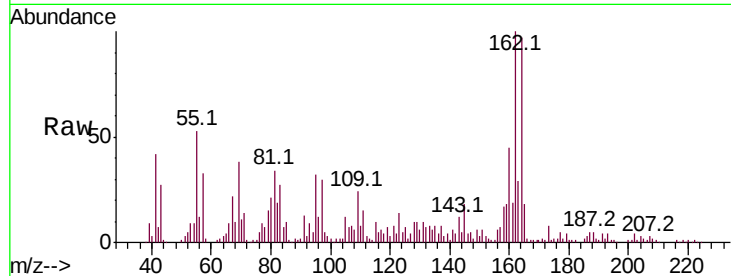
Tot Ion:164 Resp: 84086

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

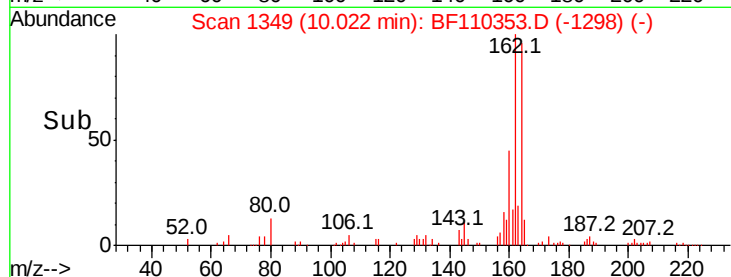
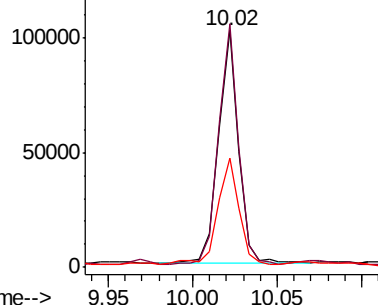
160 46.4 37.0 55.6



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: 9.374 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF110353.D

Acq: 1 Nov 2018 1:29

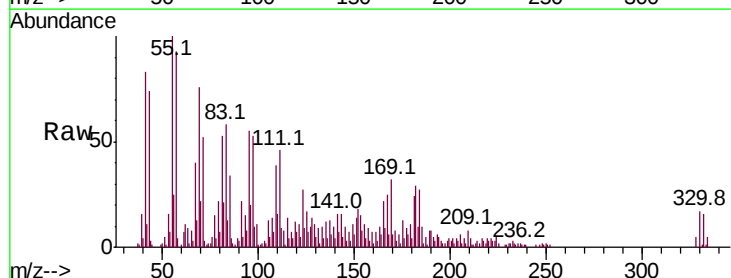
Tgt Ion:330 Resp: 7808

Ion Ratio Lower Upper

330 100

332 93.0 77.1 115.7

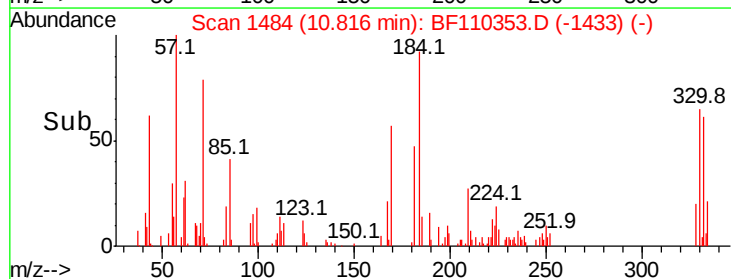
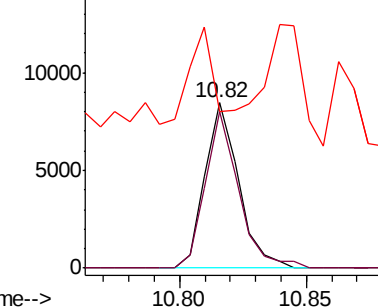
141 109.2 27.0 40.4#

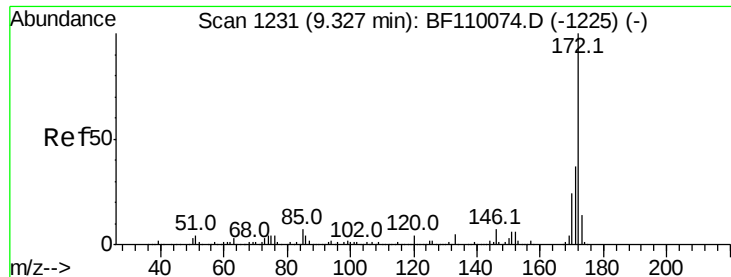


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

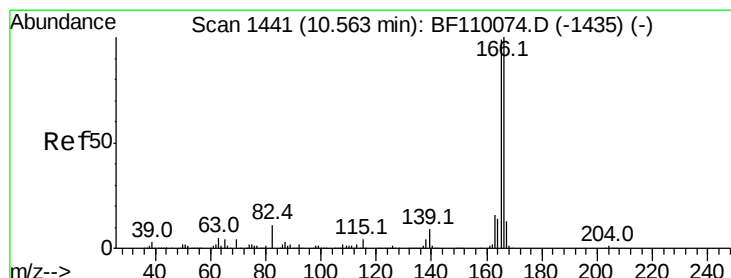
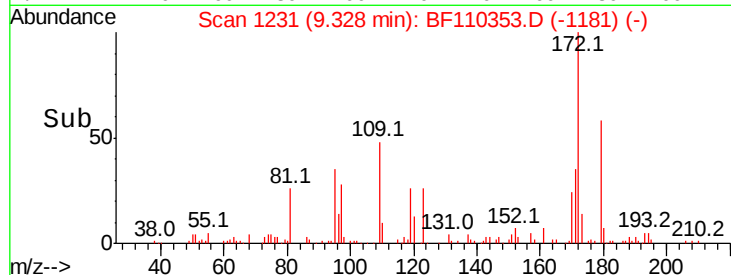
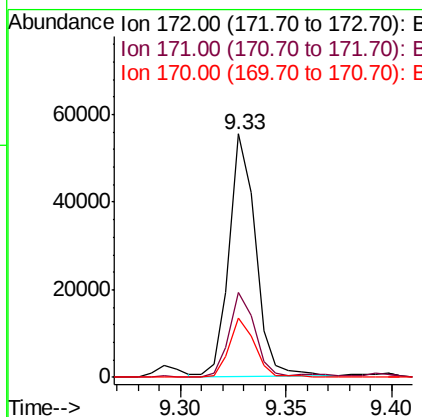
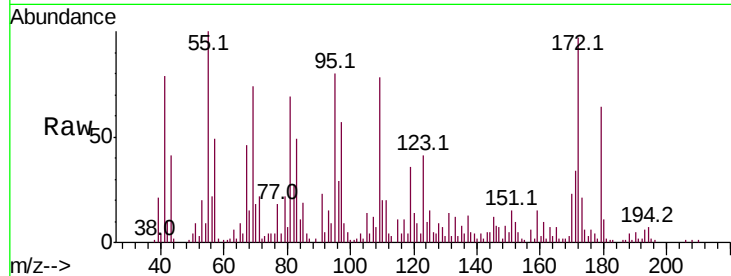




#45
 2-Fluorobiphenyl
 Concen: 8.929 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110353.D
 Acq: 1 Nov 2018 1:29

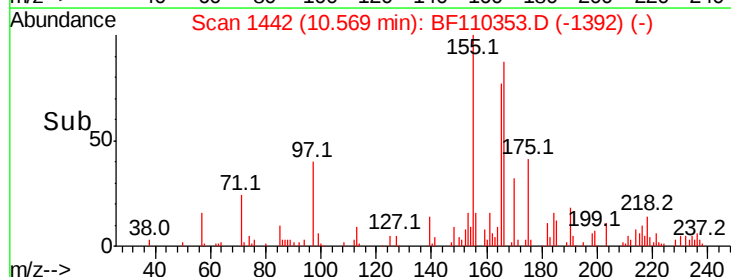
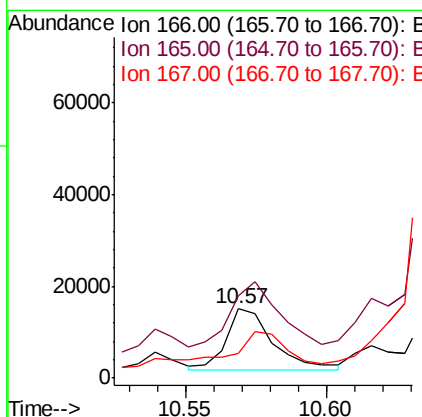
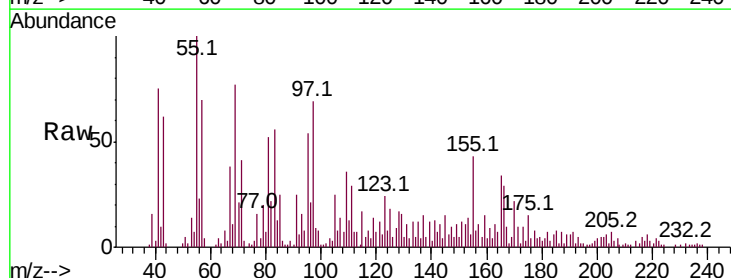
Instrument :
 BNA_F
 ClientSampleId :
 T2

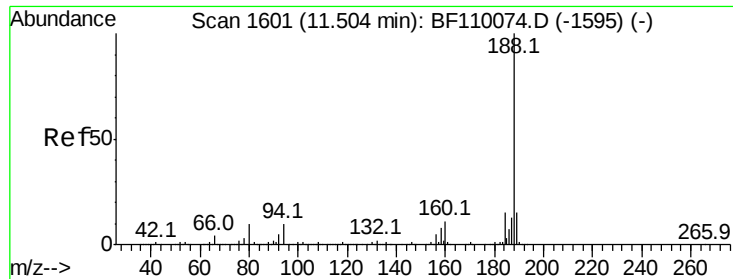
Tot Ion:172 Resp: 47816
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 24.1 19.7 29.5



#58
 Fluorene
 Concen: 2.773 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF110353.D
 Acq: 1 Nov 2018 1:29

Tgt Ion:166 Resp: 15399
 Ion Ratio Lower Upper
 166 100
 165 117.8 78.6 117.8
 167 35.4 10.8 16.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF110353.D

Acq: 1 Nov 2018 1:29

Instrument :

BNA_F

ClientSampleId :

T2

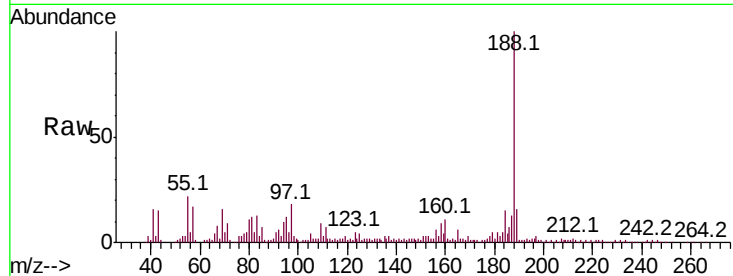
Tot Ion:188 Resp: 153208

Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

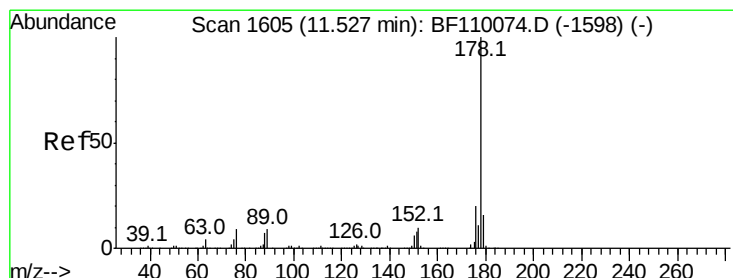
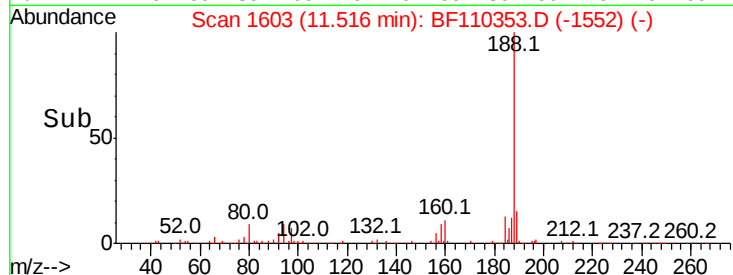
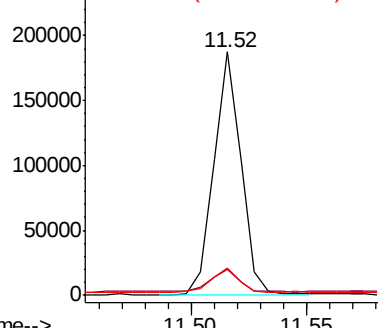
80 11.1 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 4.388 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF110353.D

Acq: 1 Nov 2018 1:29

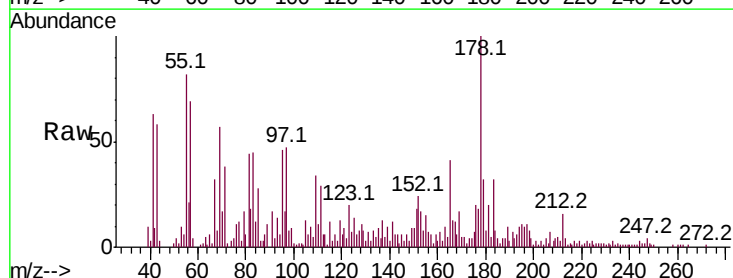
Tgt Ion:178 Resp: 35179

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

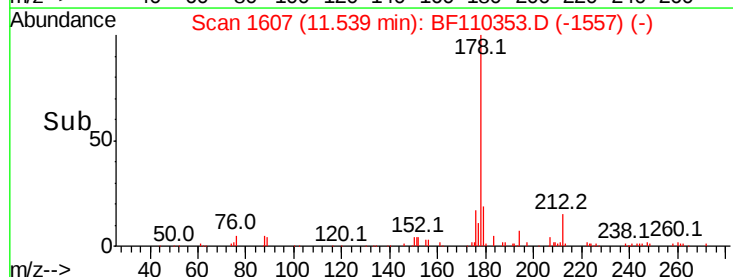
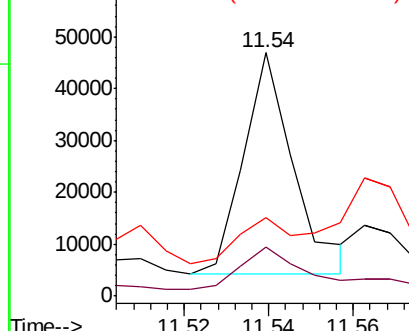
179 32.1 12.5 18.7#

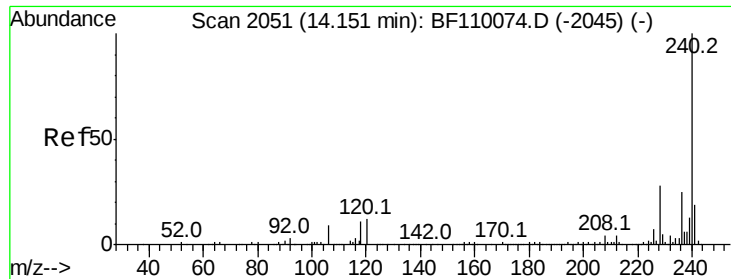


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

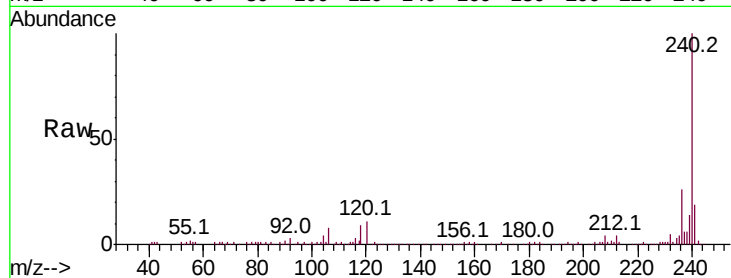




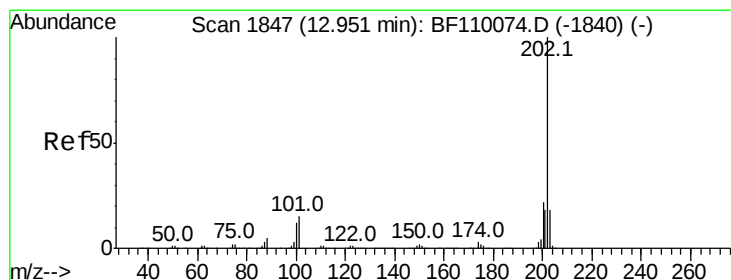
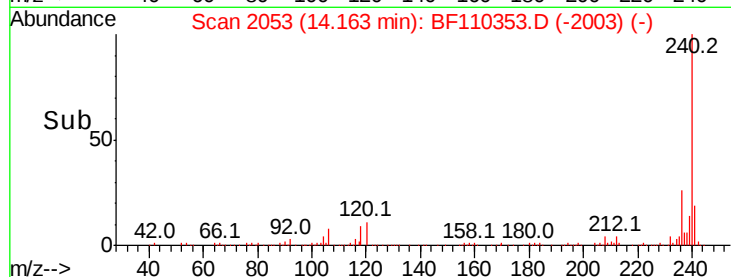
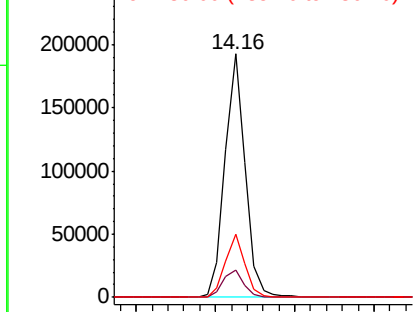
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110353.D
Acq: 1 Nov 2018 1:29

Instrument :
BNA_F
ClientSampleId :
T2

Tot Ion:240 Resp: 170330
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 26.0 21.2 31.8

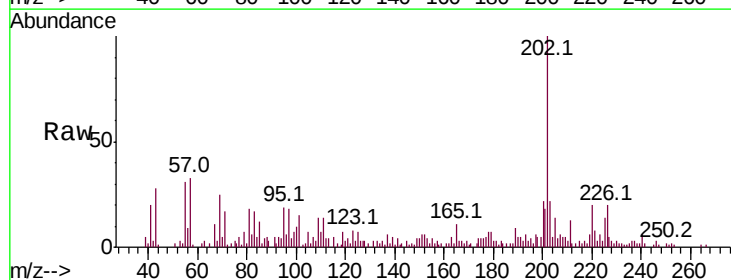


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

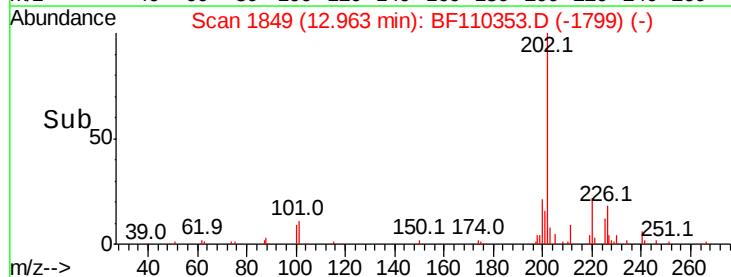
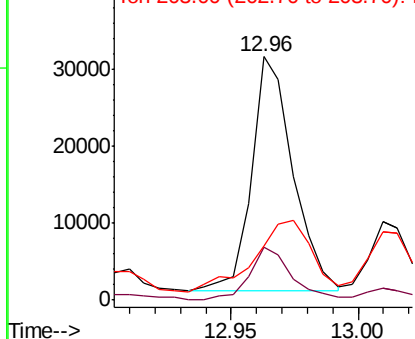


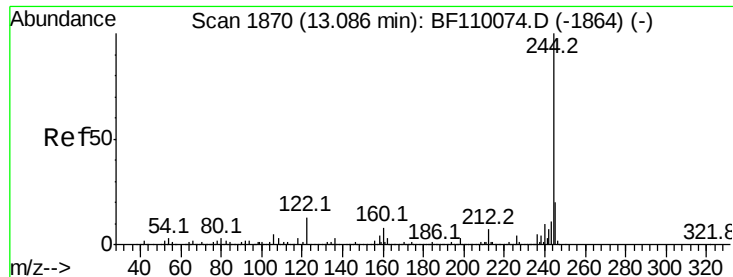
#78
Pyrene
Concen: 2.839 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF110353.D
Acq: 1 Nov 2018 1:29

Tgt Ion:202 Resp: 34663
Ion Ratio Lower Upper
202 100
200 21.6 17.8 26.6
203 22.0 14.2 21.4#



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





#79

Terphenyl-d14

Concen: 7.101 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110353.D

Acq: 1 Nov 2018 1:29

Instrument :

BNA_F

ClientSampleId :

T2

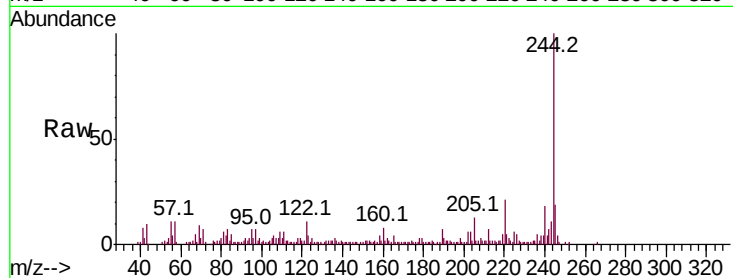
Tot Ion:244 Resp: 58159

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

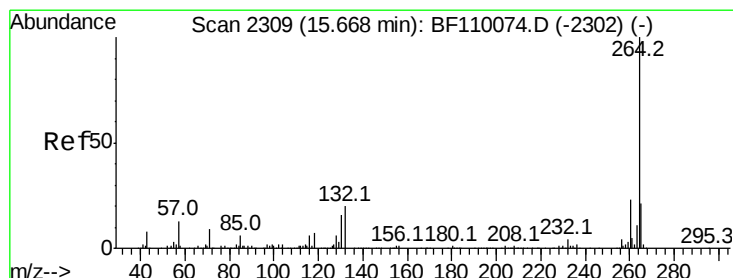
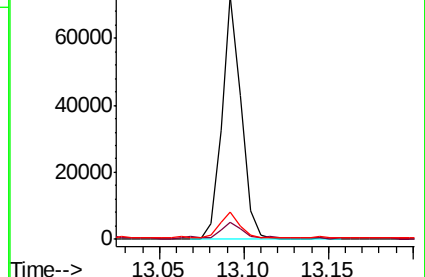
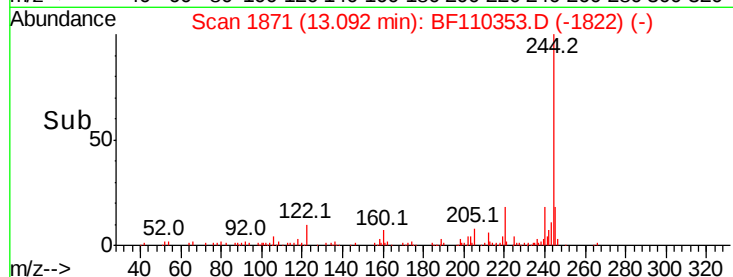
122 11.1 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BF110353.D

Acq: 1 Nov 2018 1:29

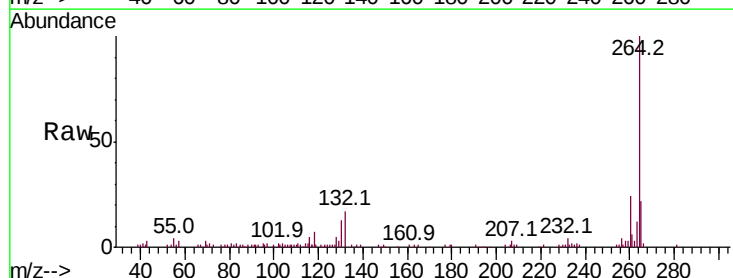
Tgt Ion:264 Resp: 103514

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.6 16.7 25.1



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

