

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112440.D
 Acq On : 7 Feb 2019 16:12
 Operator : JU/SJ
 Sample : K1401-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050

Quant Time: Feb 09 03:34:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

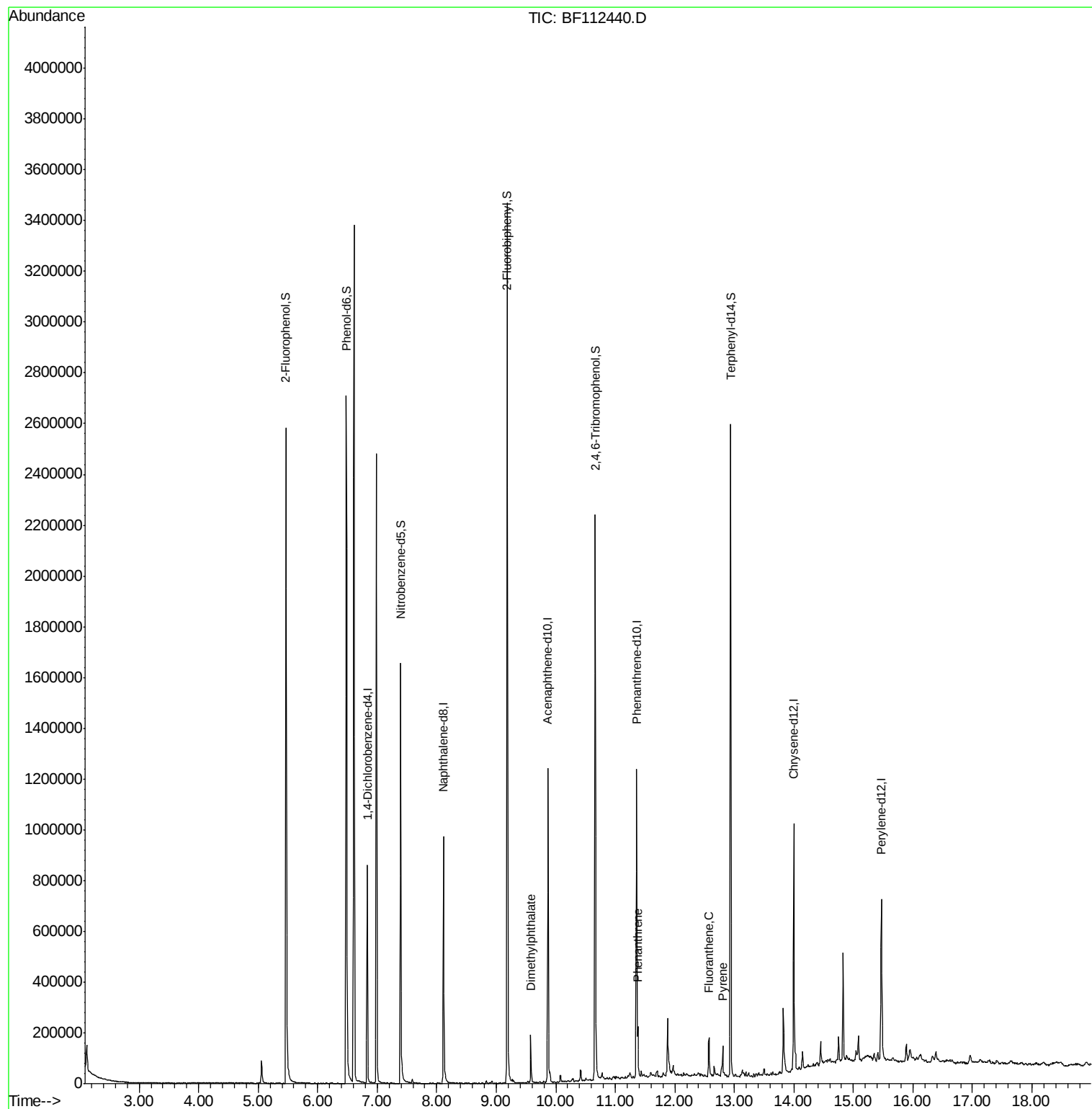
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	133375	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	524273	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	244688	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	438905	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	318668	20.00	ng	-0.01
87) Perylene-d12	15.47	264	299319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	768560	122.40	ng	-0.01
7) Phenol-d6	6.48	99	976608	111.93	ng	-0.01
23) Nitrobenzene-d5	7.39	82	607957	66.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	274401	96.35	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1086764	62.82	ng	-0.02
79) Terphenyl-d14	12.94	244	898002	53.08	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.58	163	83491	4.392	ng	Qvalue 100
71) Phenanthrene	11.38	178	65963	2.891	ng	97
75) Fluoranthene	12.57	202	60267	2.463	ng	96
78) Pyrene	12.80	202	49181	2.229	ng	99

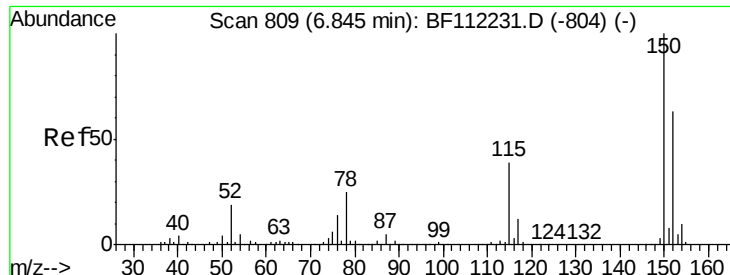
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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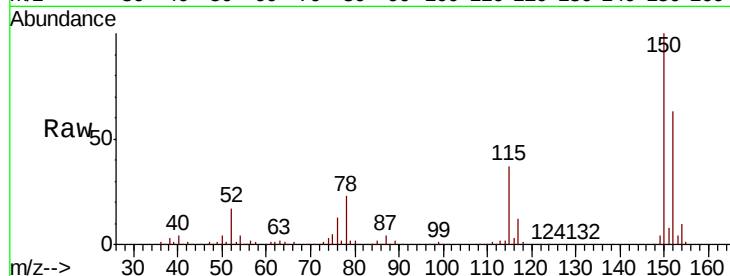


#1

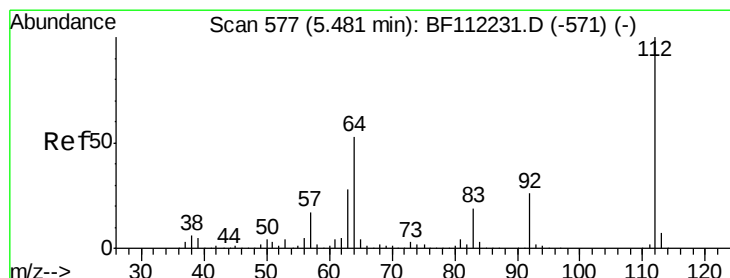
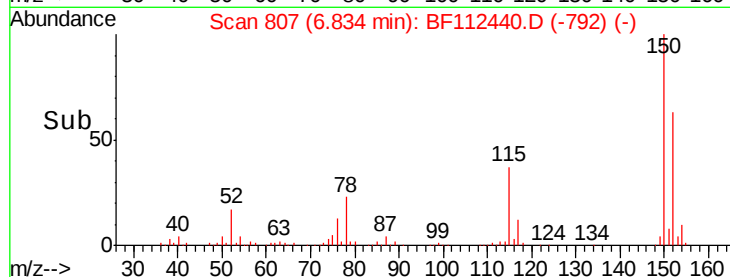
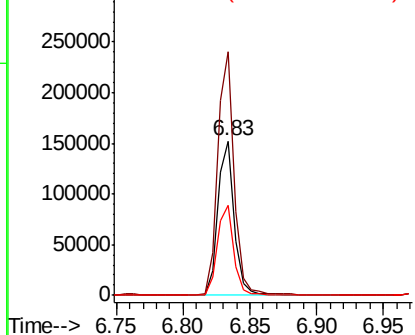
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tot Ion:152 Resp: 133375
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.0
115 58.7 45.5 68.3



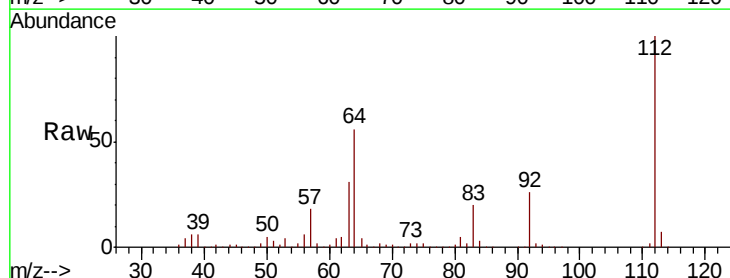
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



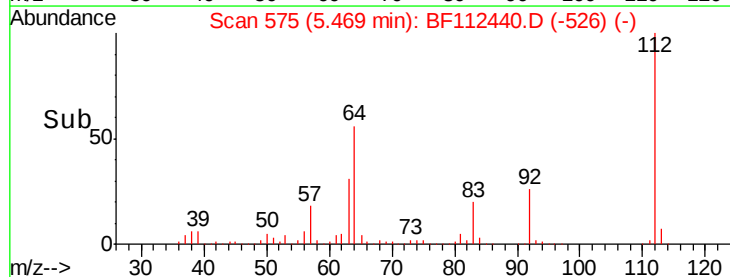
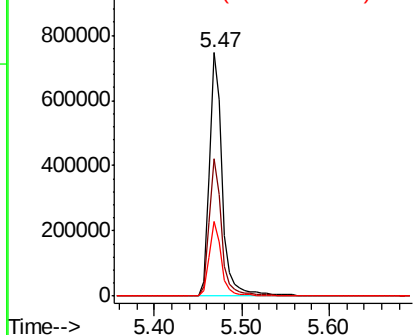
#5

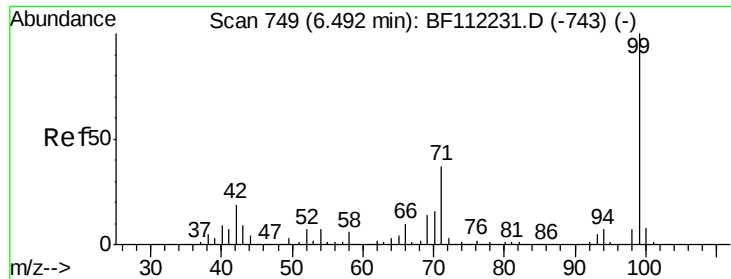
2-Fluorophenol
Concen: 122.397 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:112 Resp: 768560
Ion Ratio Lower Upper
112 100
64 56.4 45.7 68.5
63 30.5 23.6 35.4



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: 111.928 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112440.D

Acq: 7 Feb 2019 16:12

Instrument :

BNA_F

ClientSampleId :

RBR-200050

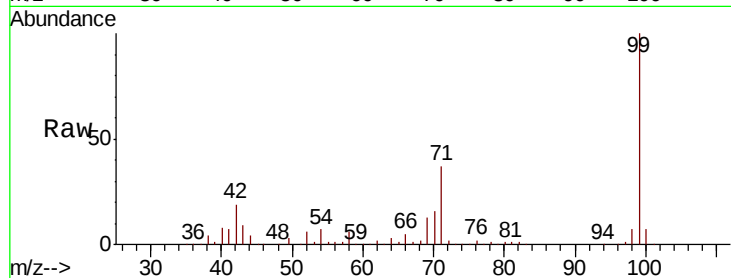
Tot Ion: 99 Resp: 976608

Ion Ratio Lower Upper

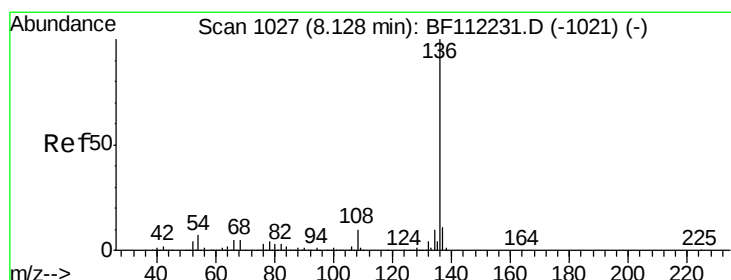
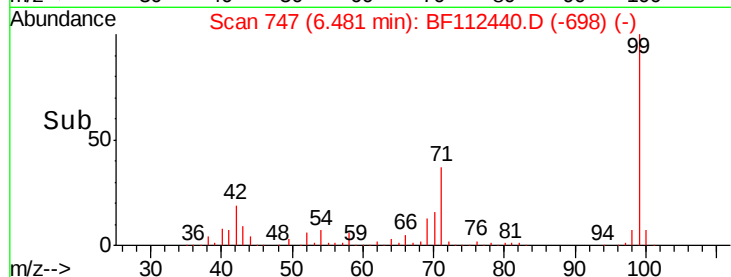
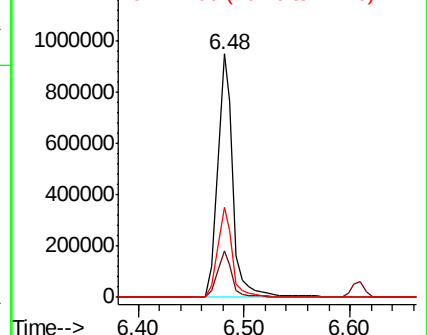
99 100

42 19.3 15.1 22.7

71 36.8 26.9 40.3



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112440.D

Acq: 7 Feb 2019 16:12

Tgt Ion: 136 Resp: 524273

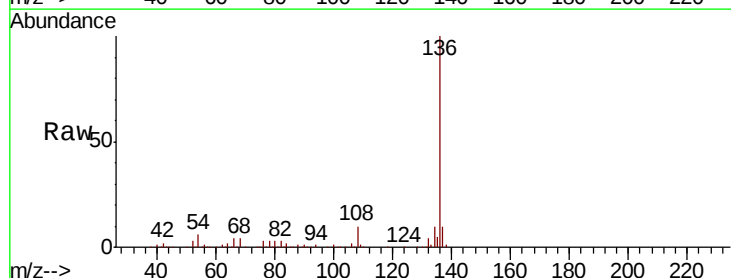
Ion Ratio Lower Upper

136 100

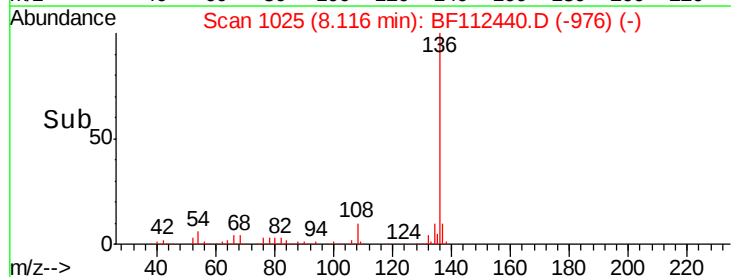
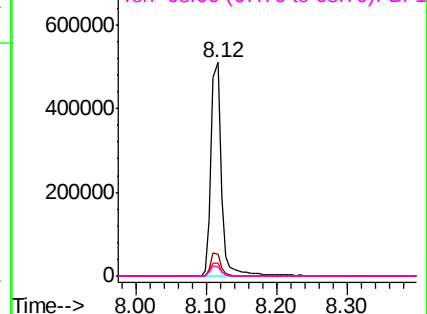
137 10.4 9.1 13.7

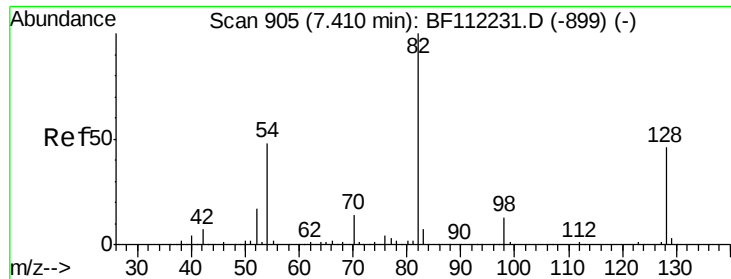
54 5.8 5.9 8.9#

68 4.4 5.1 7.7#



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

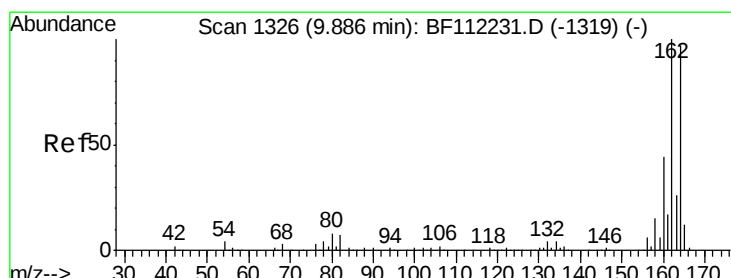
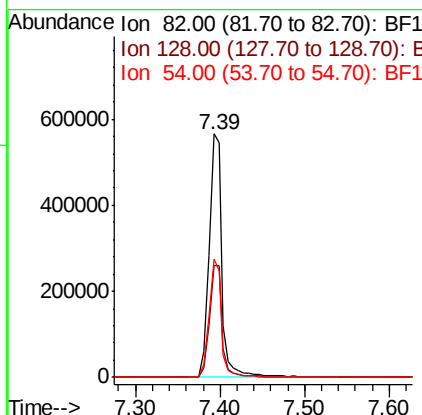
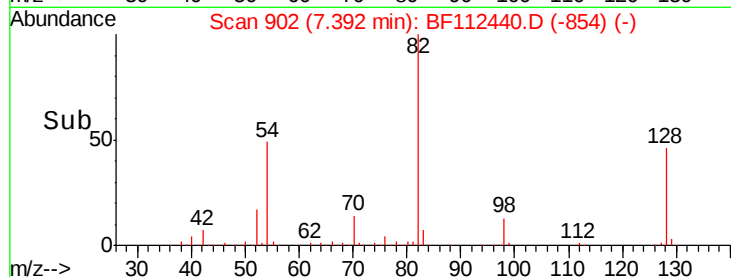
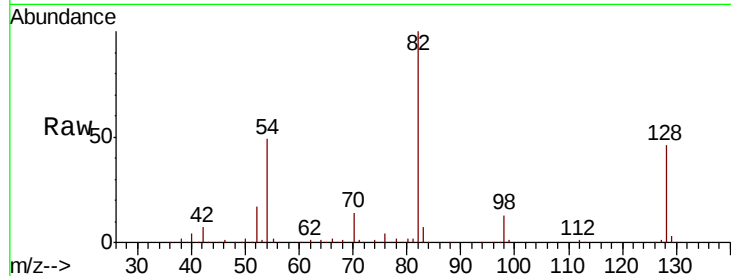




#23
Nitrobenzene-d5
Concen: 66.817 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

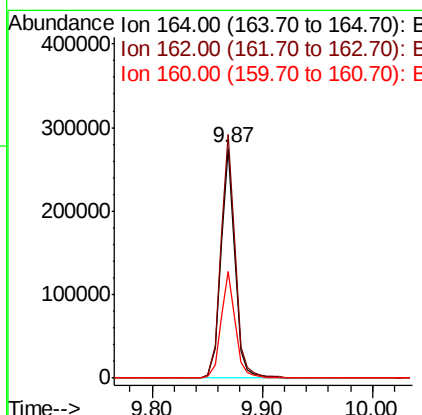
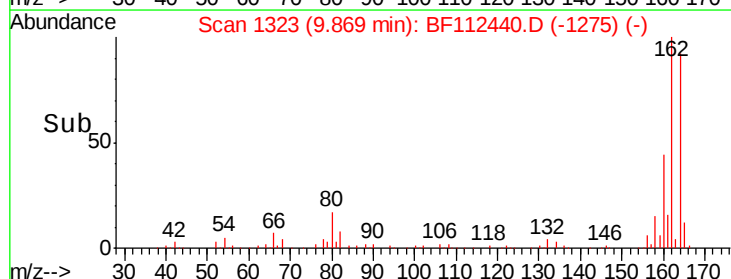
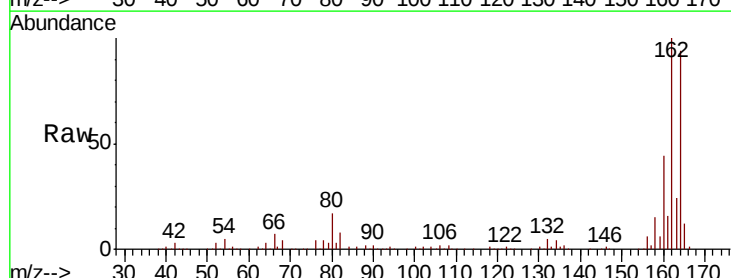
Instrument :
BNA_F
ClientSampleId :
RBR-200050

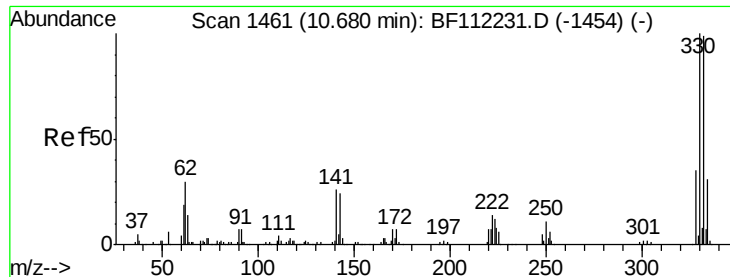
Tot Ion: 82 Resp: 607957
Ion Ratio Lower Upper
82 100
128 45.8 37.8 56.8
54 48.7 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:164 Resp: 244688
Ion Ratio Lower Upper
164 100
162 106.0 82.2 123.4
160 46.3 36.2 54.4

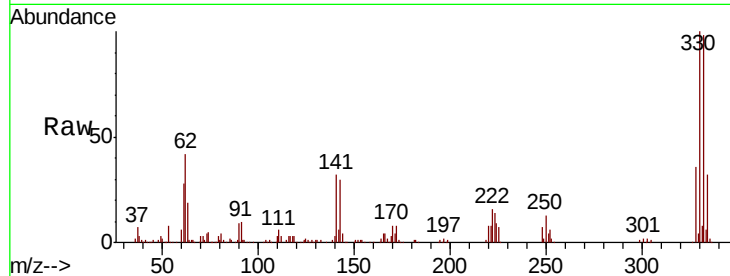




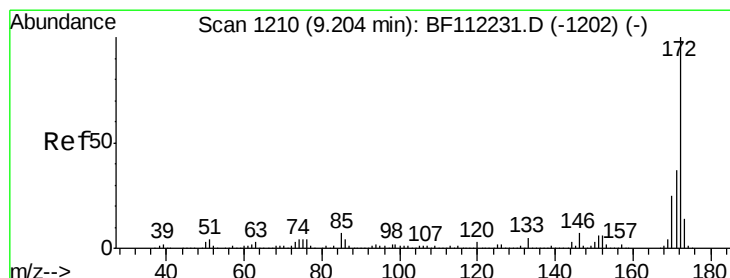
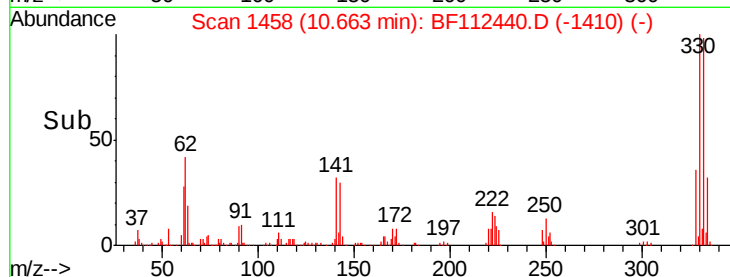
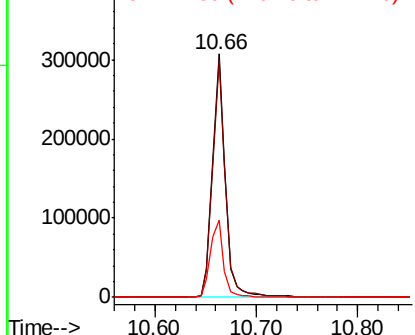
#42
 2,4,6-Tribromophenol
 Concen: 96.345 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112440.D
 Acq: 7 Feb 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050

Tot Ion:330 Resp: 274401
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 32.4 24.3 36.5

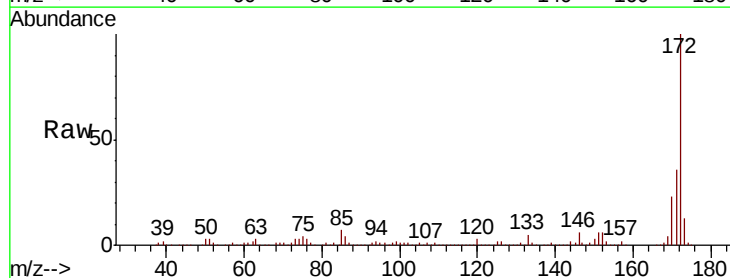


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

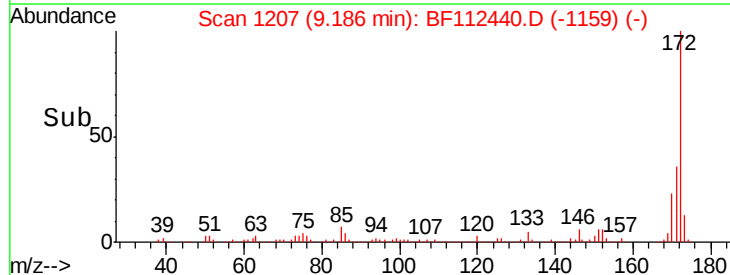
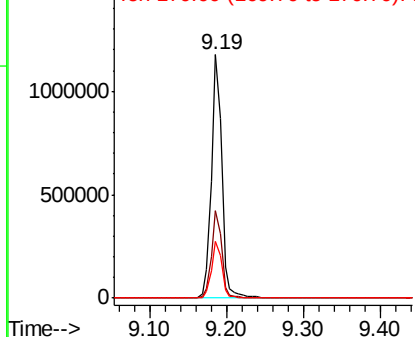


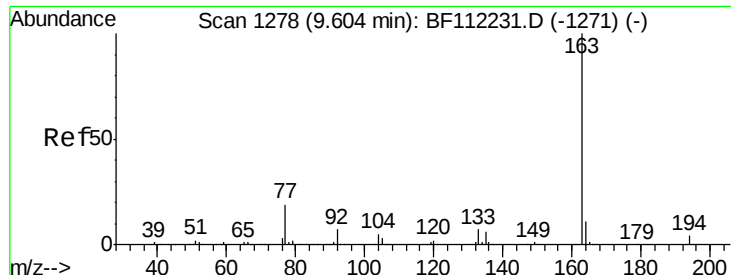
#45
 2-Fluorobiphenyl
 Concen: 62.817 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112440.D
 Acq: 7 Feb 2019 16:12

Tgt Ion:172 Resp: 1086764
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.5 45.7
 170 23.5 20.2 30.4



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

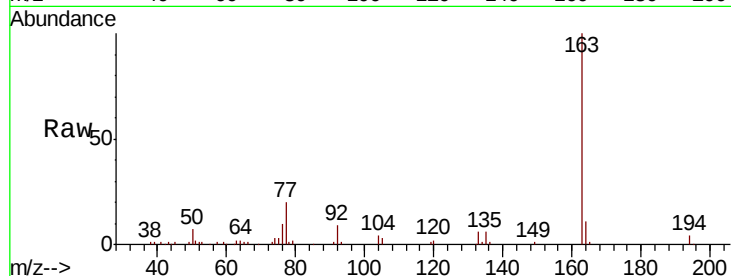




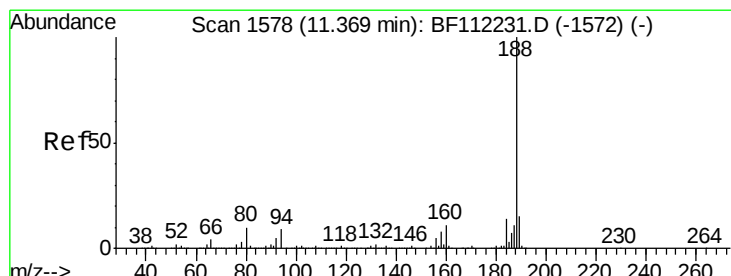
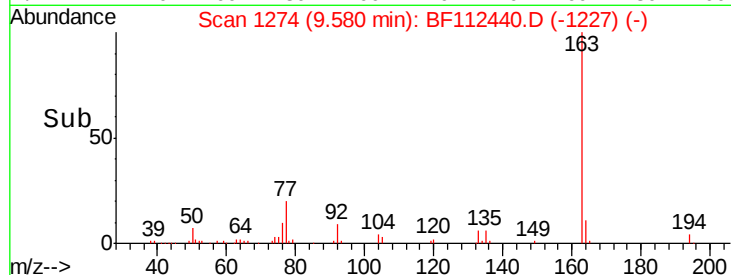
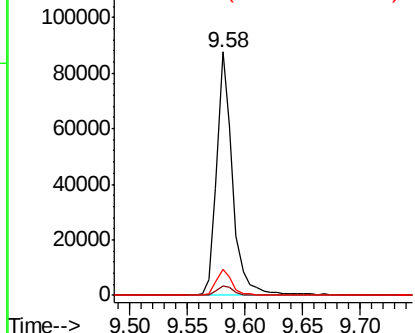
#50
Dimethylphthalate
Concen: 4.392 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tot Ion:163 Resp: 83491
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.6 8.5 12.7

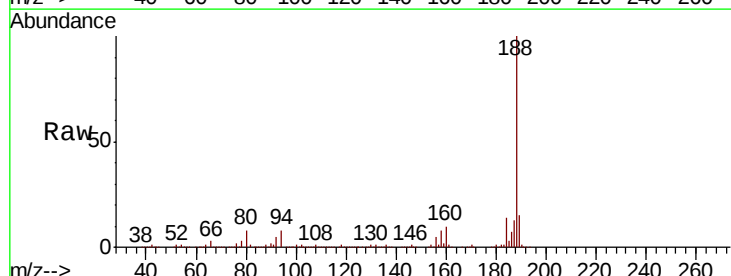


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

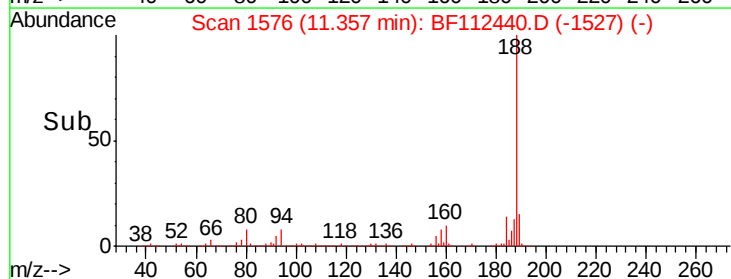
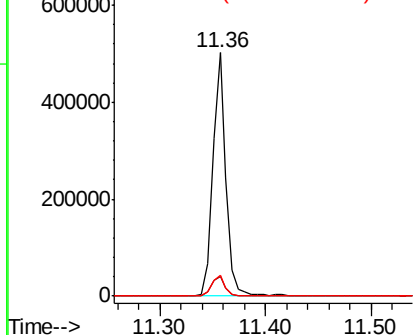


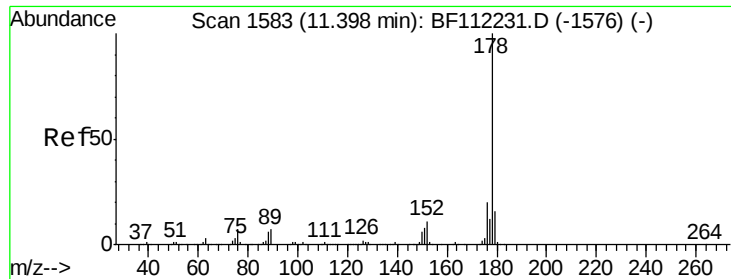
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:188 Resp: 438905
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.2#
80 8.5 8.9 13.3#



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

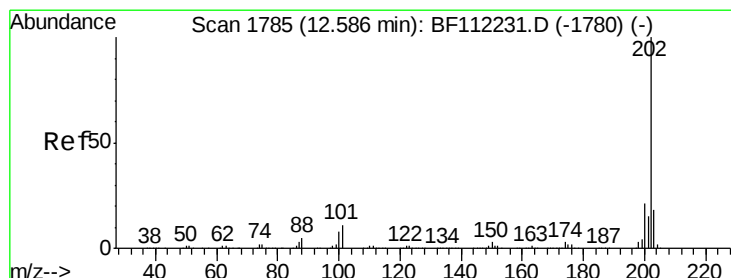
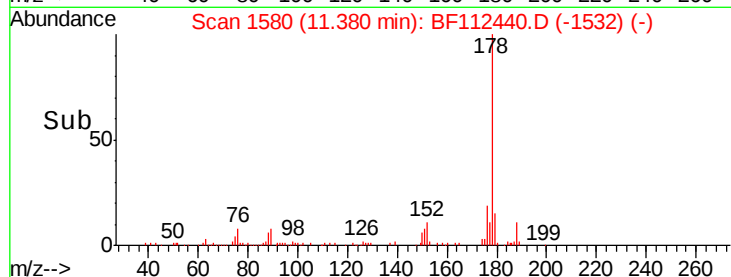
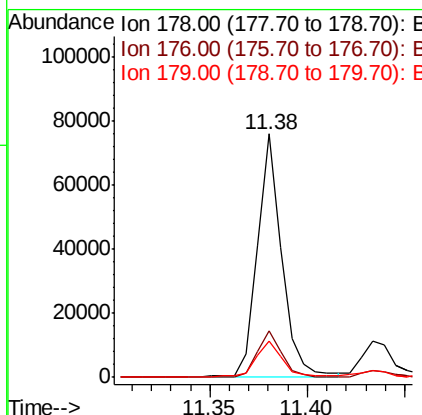
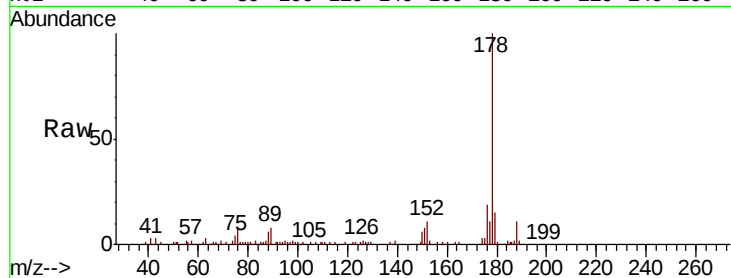




#71
Phenanthrene
Concen: 2.891 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

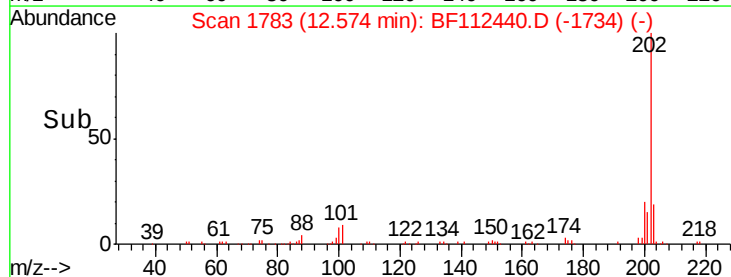
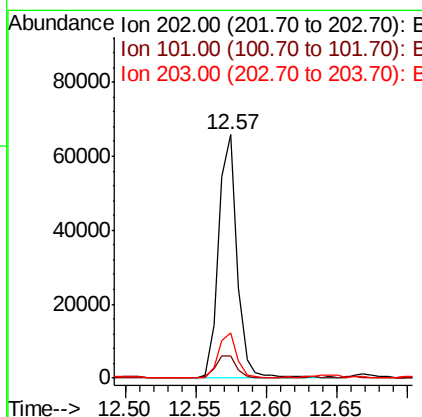
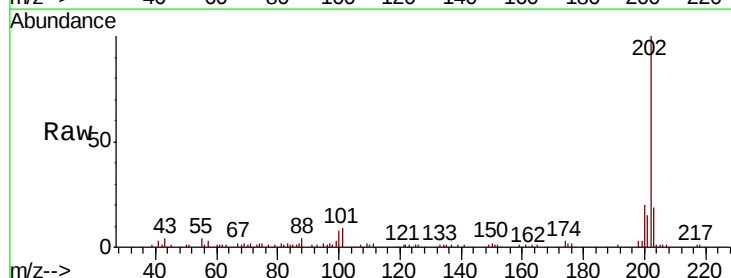
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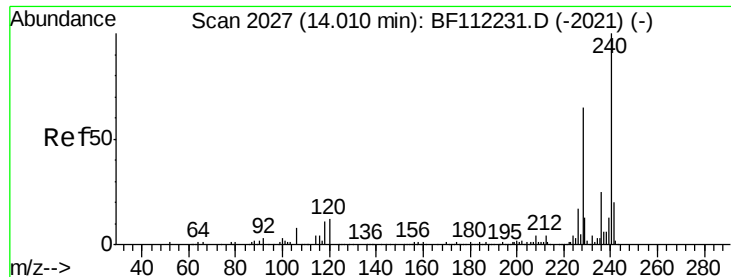
Tot Ion:178 Resp: 65963
Ion Ratio Lower Upper
178 100
176 19.2 16.3 24.5
179 15.0 13.0 19.4



#75
Fluoranthene
Concen: 2.463 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112440.D
Acq: 7 Feb 2019 16:12

Tgt Ion:202 Resp: 60267
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.8
203 18.8 0.0 38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112440.D

Acq: 7 Feb 2019 16:12

Instrument :

BNA_F

ClientSampleId :

RBR-200050

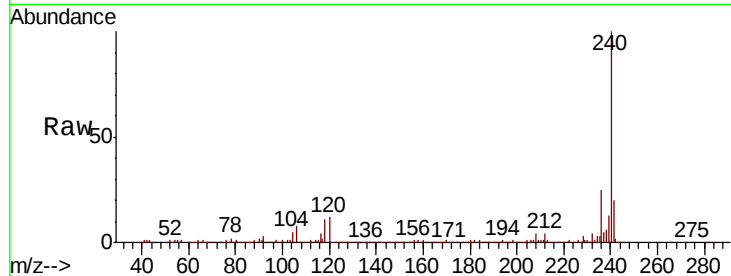
Tot Ion:240 Resp: 318668

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.6

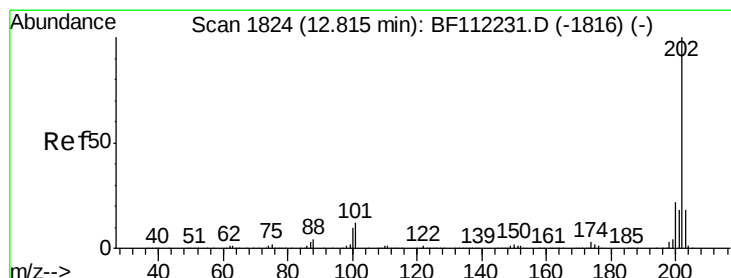
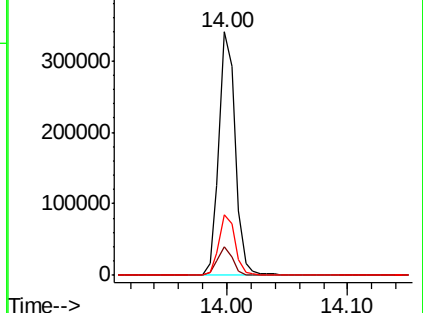
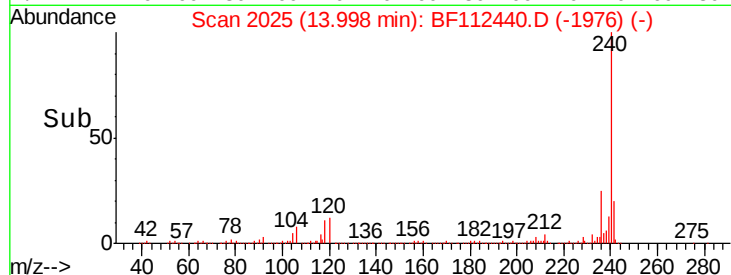
236 24.7 20.7 31.1



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

Pyrene

Concen: 2.229 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112440.D

Acq: 7 Feb 2019 16:12

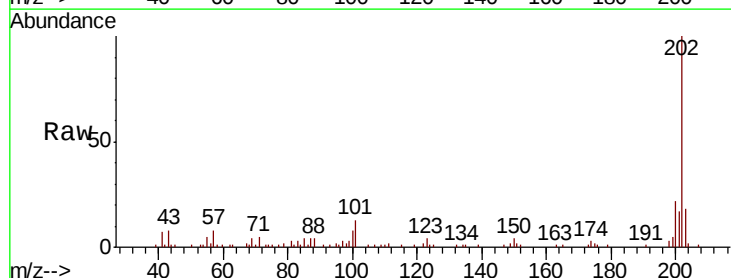
Tgt Ion:202 Resp: 49181

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

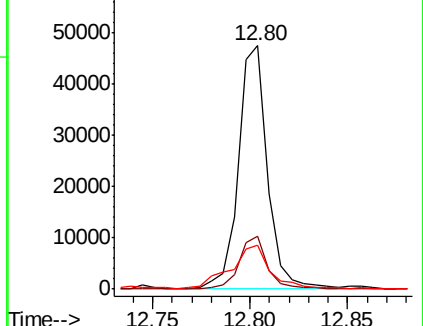
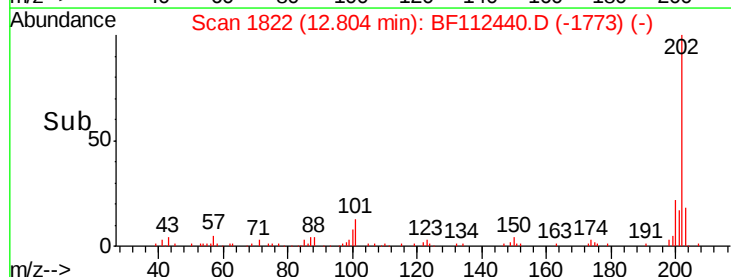
203 18.2 14.6 22.0

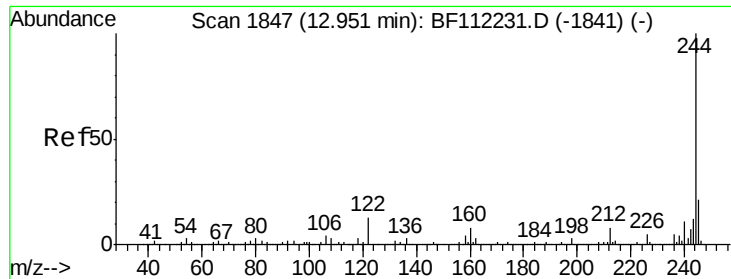


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.075 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112440.D

Acq: 7 Feb 2019 16:12

Instrument :

BNA_F

ClientSampleId :

RBR-200050

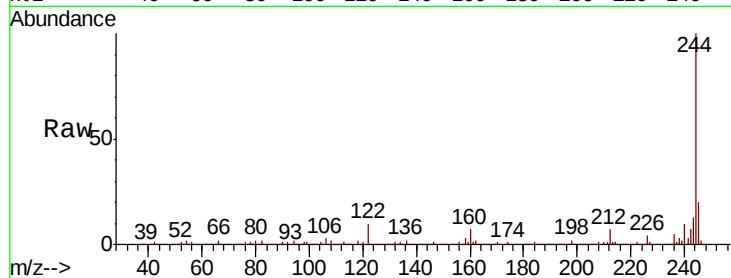
Tot Ion:244 Resp: 898002

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

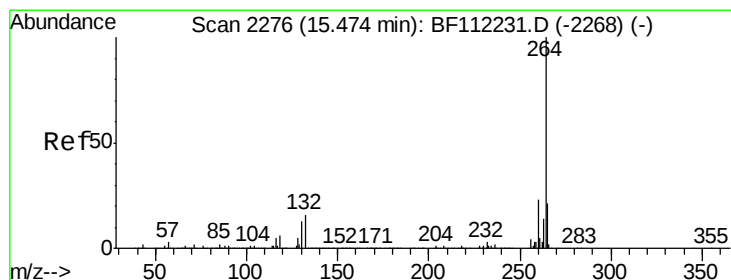
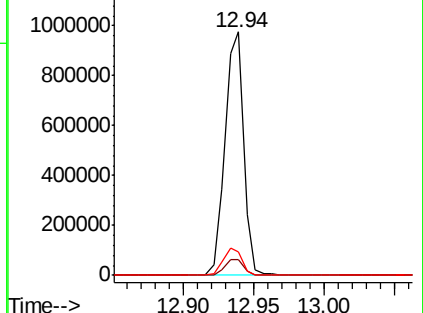
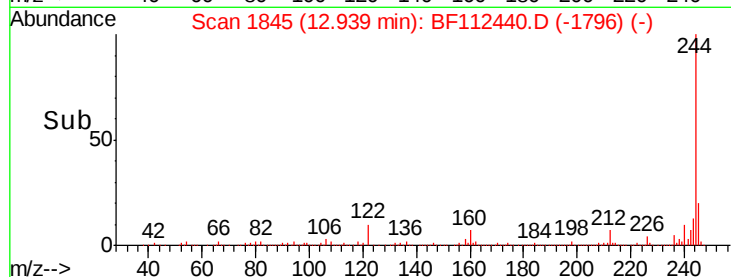
122 9.8 9.8 14.6



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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112440.D

Acq: 7 Feb 2019 16:12

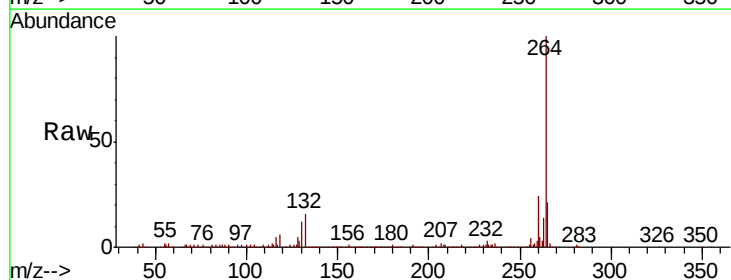
Tgt Ion:264 Resp: 299319

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 20.7 17.0 25.4



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

