

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112390.D
 Acq On : 4 Feb 2019 19:50
 Operator : JU/SJ
 Sample : K1360-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200053

Quant Time: Feb 05 05:53:15 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

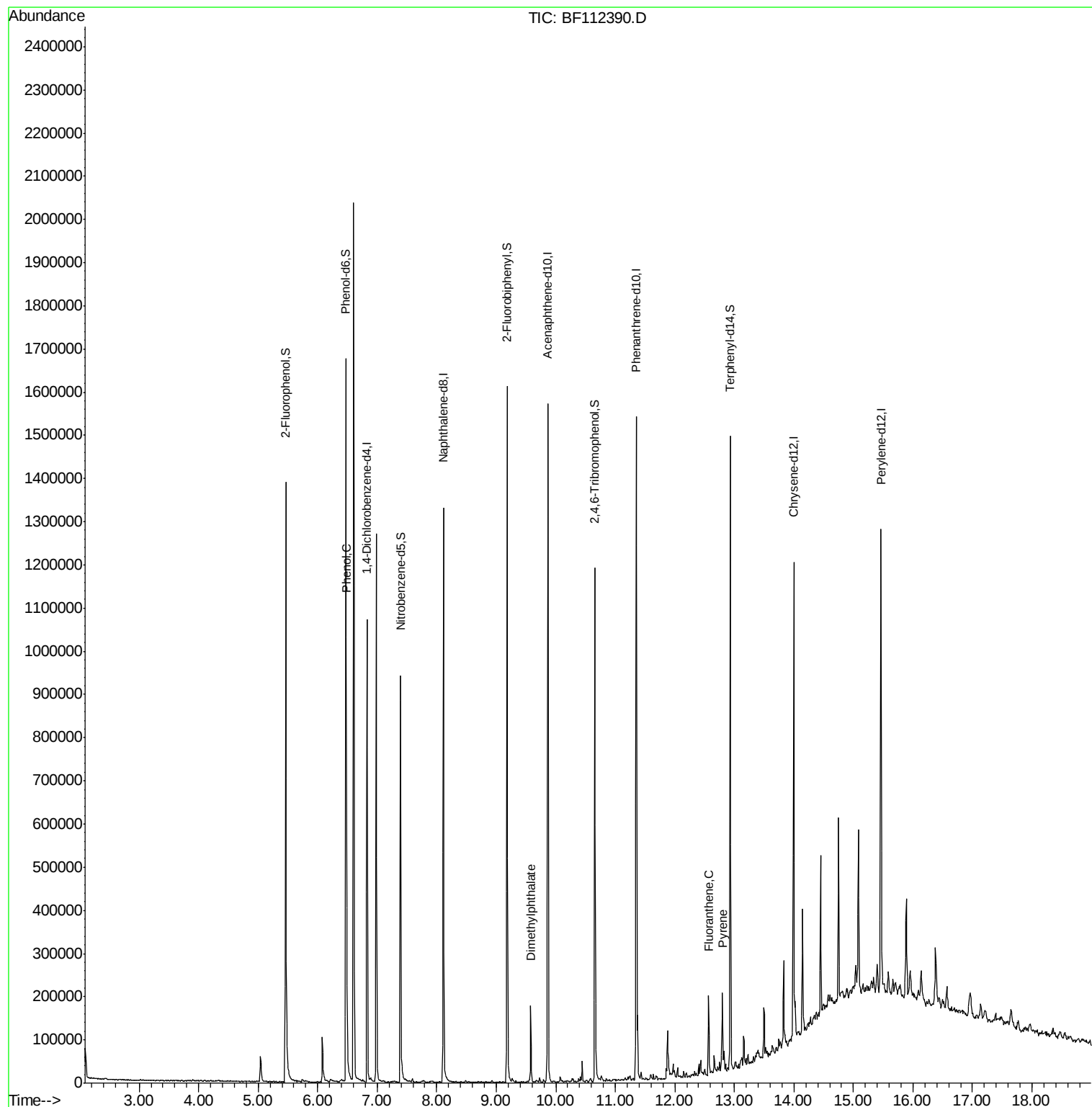
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	164425	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	647327	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	312581	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	565552	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	383495	20.00	ng	-0.01
87) Perylene-d12	15.46	264	365412	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	443396	57.28	ng	-0.02
7) Phenol-d6	6.47	99	575880	53.54	ng	-0.02
23) Nitrobenzene-d5	7.39	82	339551	30.22	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	155625	42.77	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	535673	24.24	ng	-0.02
79) Terphenyl-d14	12.93	244	467502	22.96	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	42293	3.584	ng	83
50) Dimethylphthalate	9.58	163	77081	3.174	ng	98
75) Fluoranthene	12.57	202	65872	2.089	ng	95
78) Pyrene	12.80	202	62016	2.336	ng	97

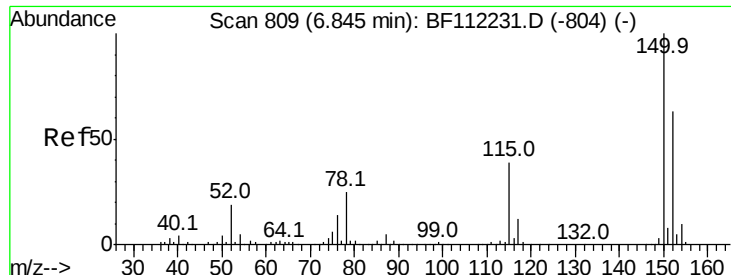
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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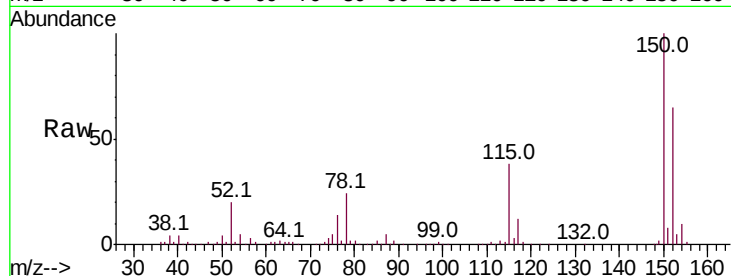


#1

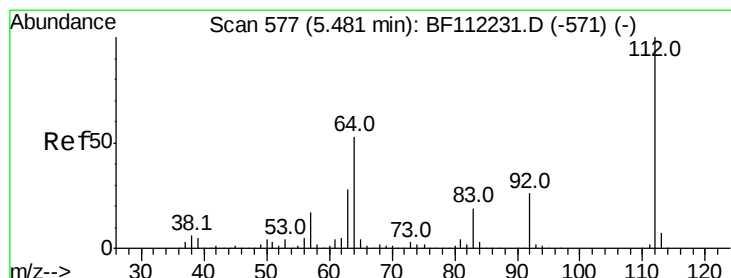
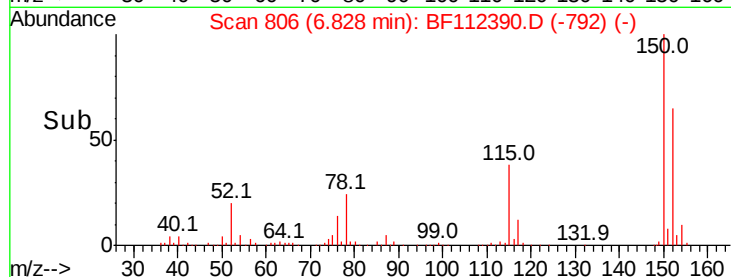
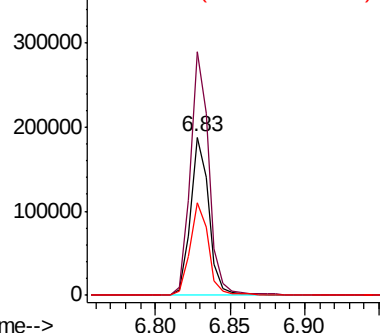
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tot Ion:152 Resp: 164425
Ion Ratio Lower Upper
152 100
150 153.8 127.4 191.0
115 58.8 45.5 68.3



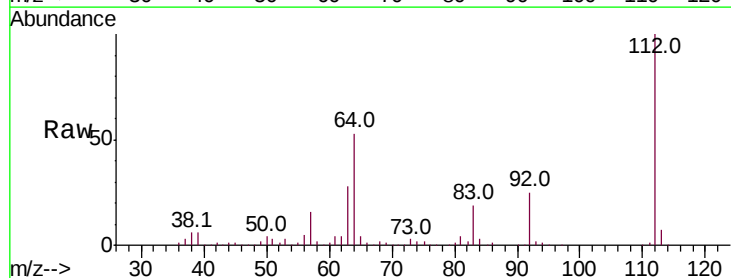
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



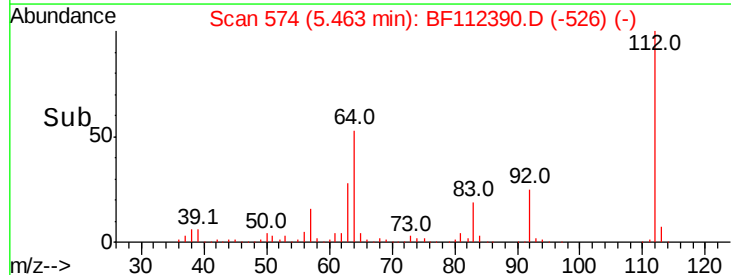
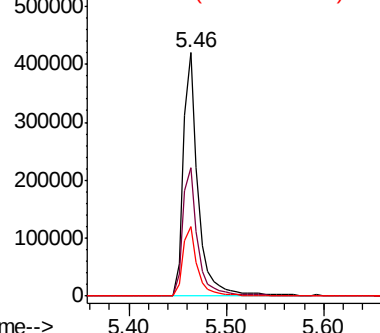
#5

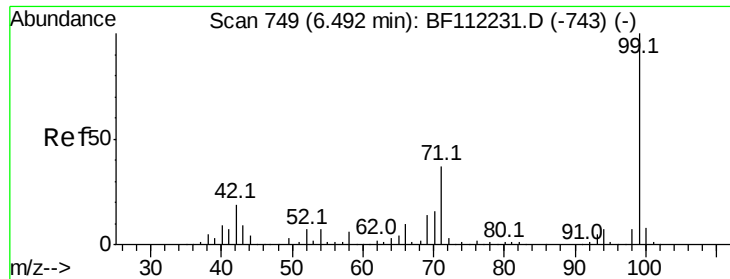
2-Fluorophenol
Concen: 57.279 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:112 Resp: 443396
Ion Ratio Lower Upper
112 100
64 52.6 45.7 68.5
63 28.5 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: 53.537 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

Instrument :

BNA_F

ClientSampleId :

RBR-200053

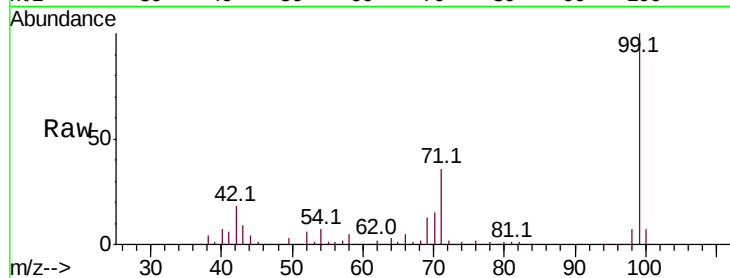
Tot Ion: 99 Resp: 575880

Ion Ratio Lower Upper

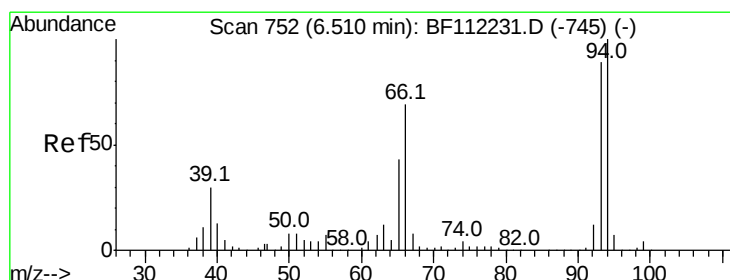
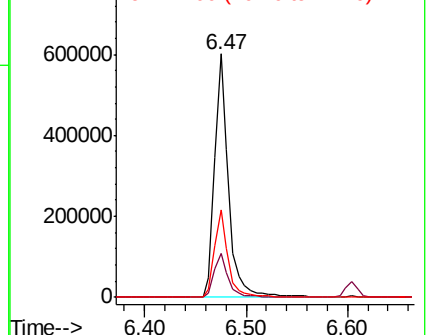
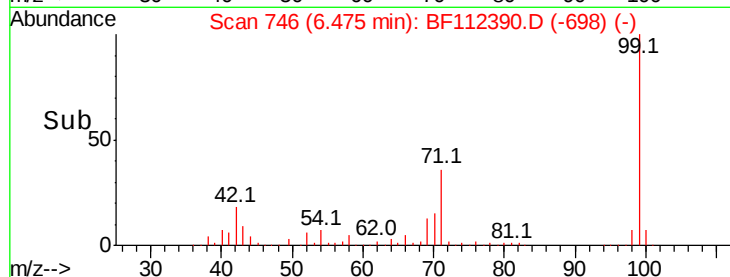
99 100

42 18.3 15.1 22.7

71 35.9 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



#10

Phenol

Concen: 3.584 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

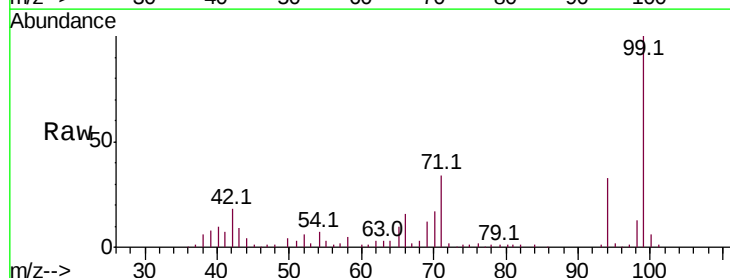
Tgt Ion: 94 Resp: 42293

Ion Ratio Lower Upper

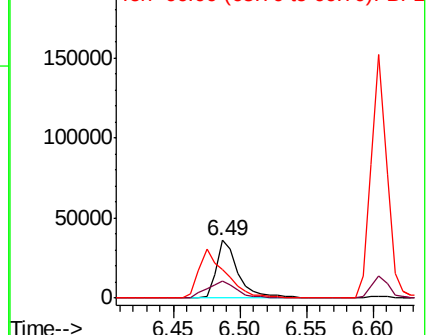
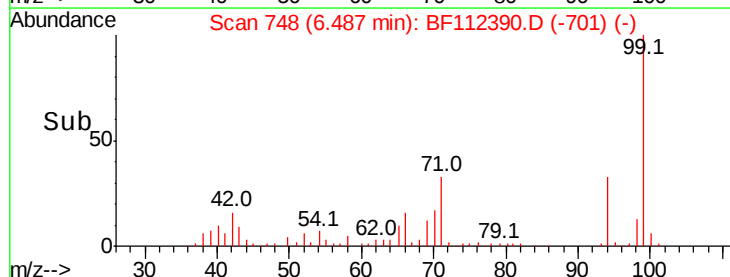
94 100

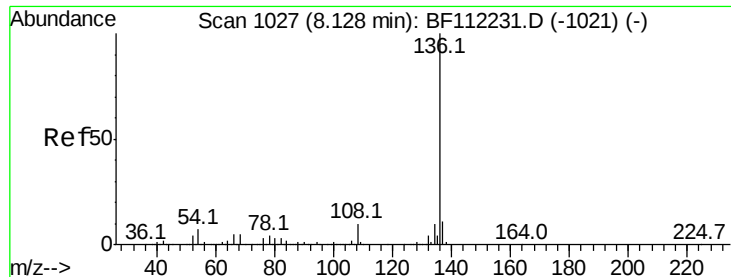
65 30.0 20.3 60.3

66 49.7 42.4 82.4



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

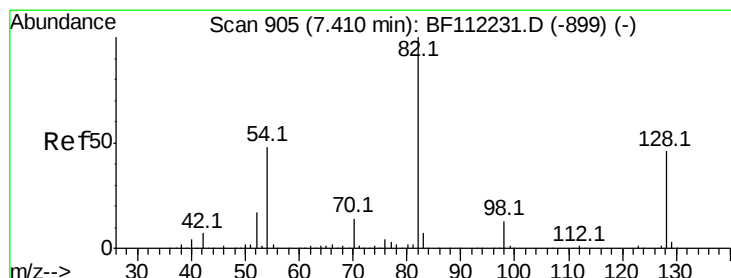
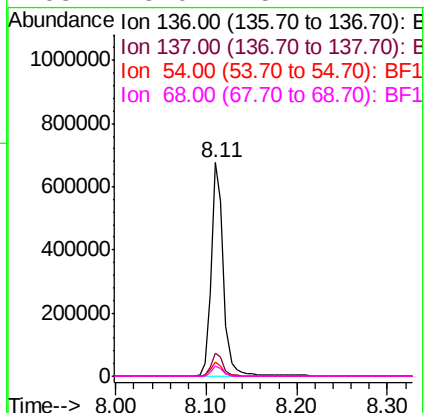
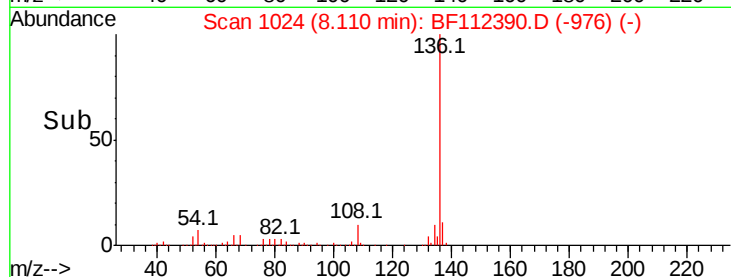
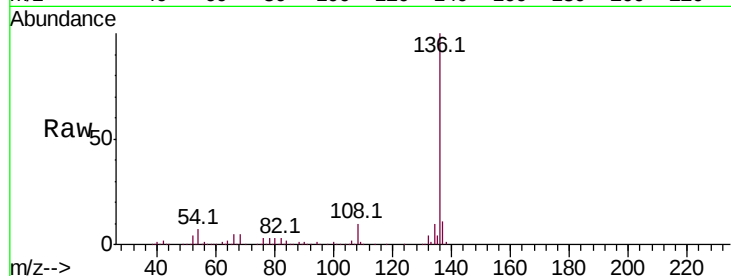




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

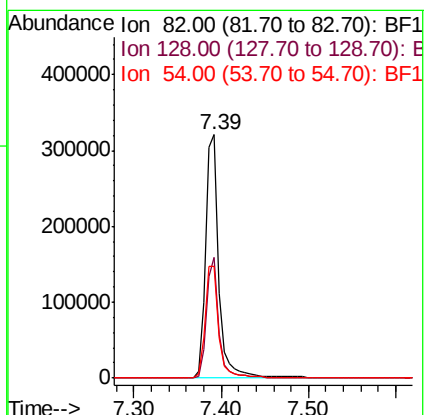
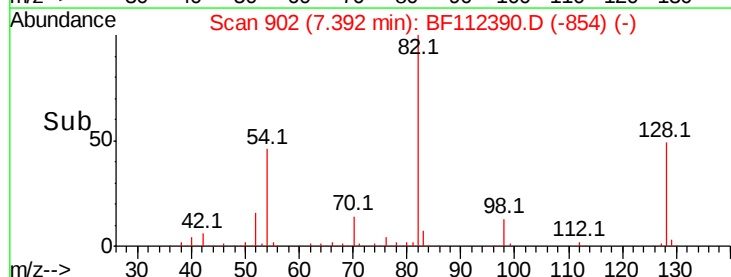
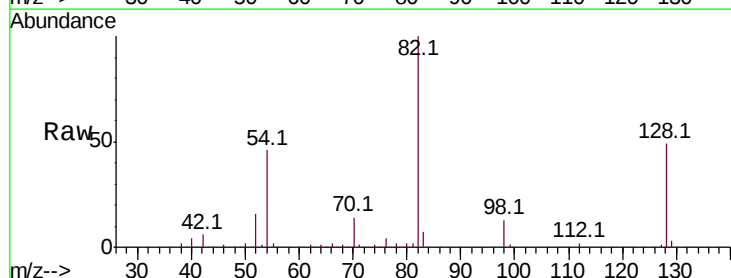
Instrument :
BNA_F
ClientSampleId :
RBR-200053

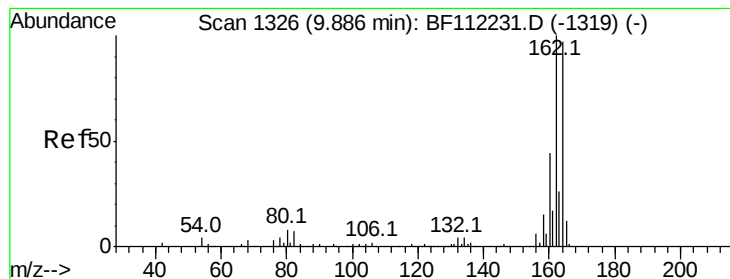
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	5.9	8.9
68	5.0	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 30.224 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.3	37.8	56.8
54	46.0	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: BF112390.D

Acq: 4 Feb 2019 19:50

Instrument :

BNA_F

ClientSampleId :

RBR-200053

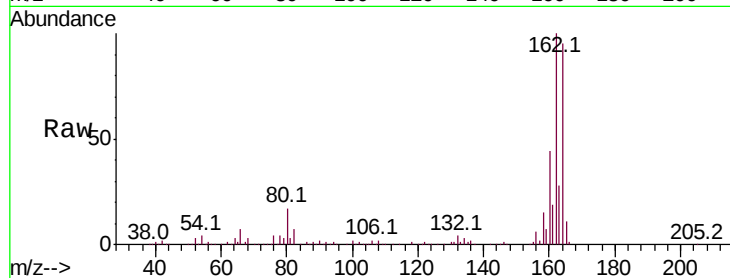
Tot Ion:164 Resp: 312581

Ion Ratio Lower Upper

164 100

162 105.7 82.2 123.4

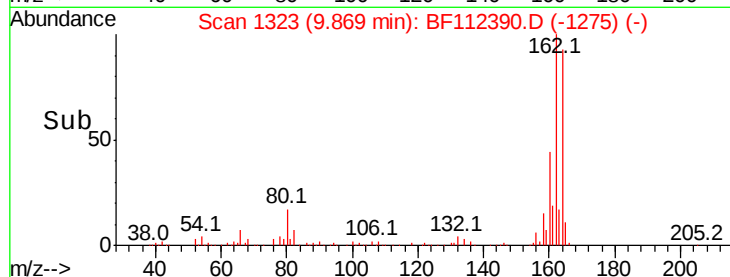
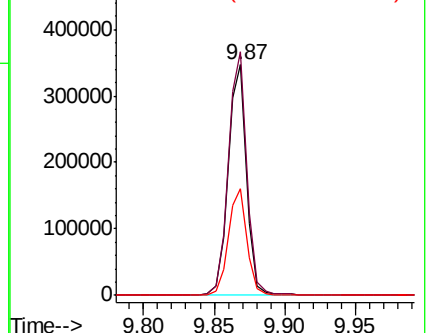
160 46.6 36.2 54.4



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: 42.773 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

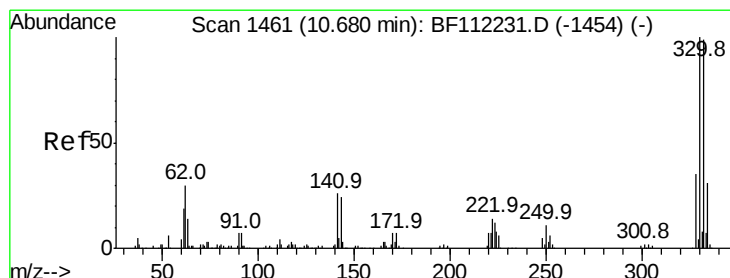
Tgt Ion:330 Resp: 155625

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

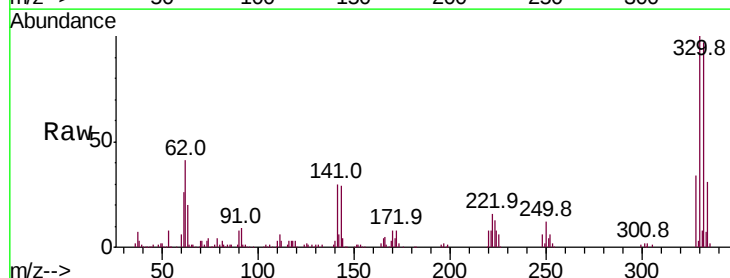
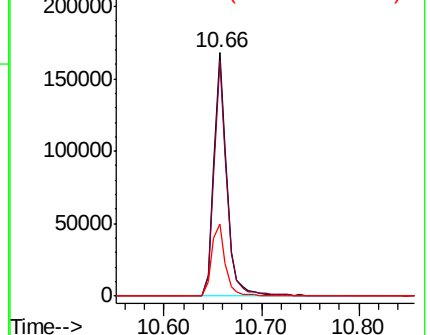
141 30.9 24.3 36.5

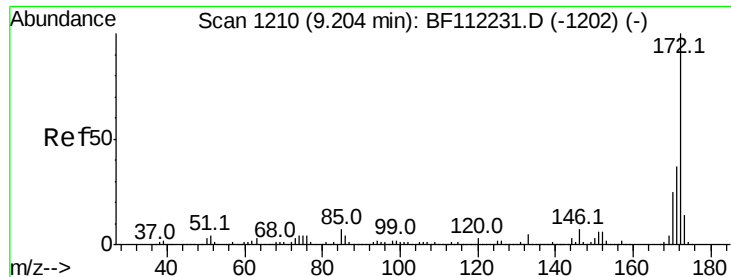


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

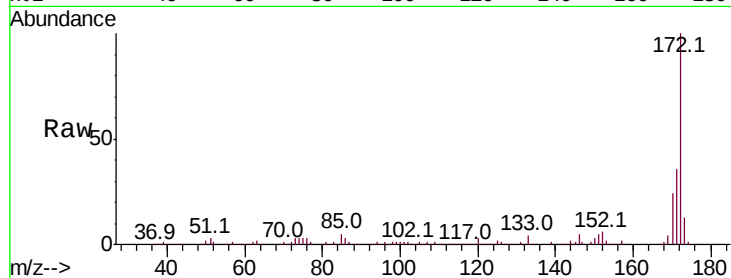




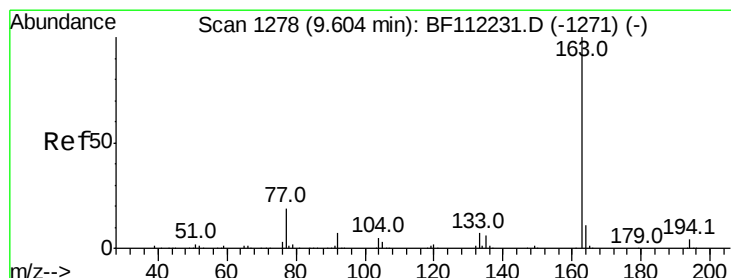
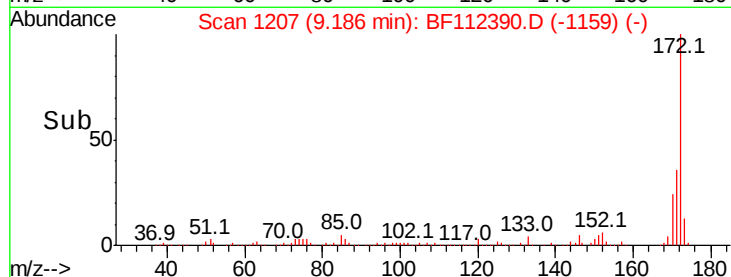
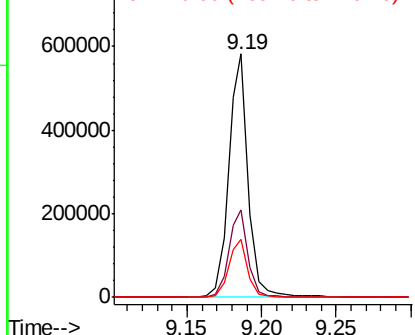
#45
2-Fluorobiphenyl
Concen: 24.238 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tot Ion:172 Resp: 535673
Ion Ratio Lower Upper
172 100
171 36.0 30.5 45.7
170 23.7 20.2 30.4

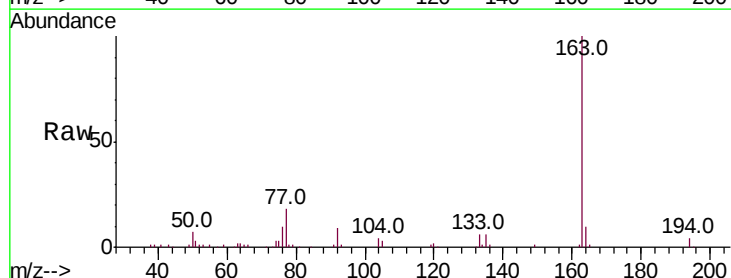


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

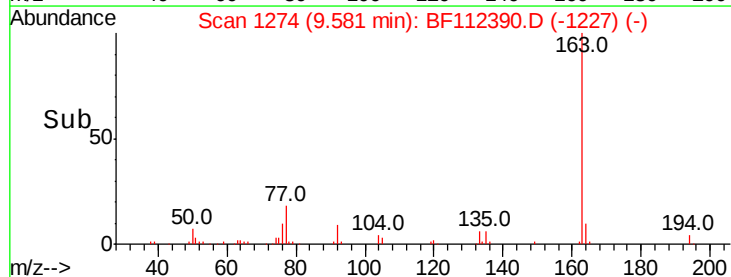
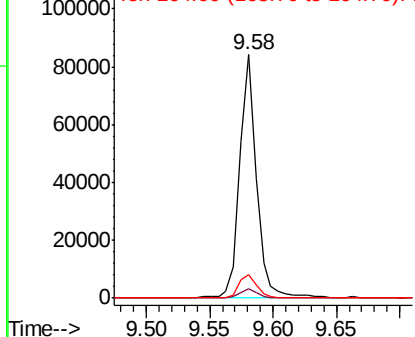


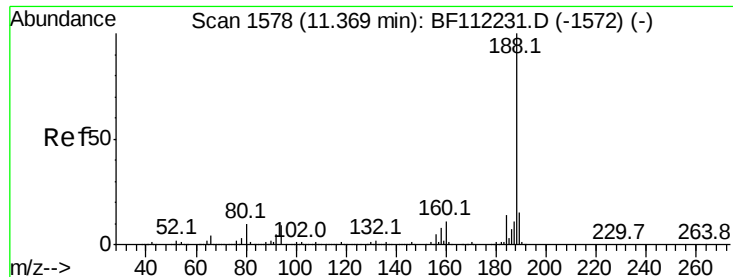
#50
Dimethylphthalate
Concen: 3.174 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112390.D
Acq: 4 Feb 2019 19:50

Tgt Ion:163 Resp: 77081
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.7 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: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

Instrument :

BNA_F

ClientSampleId :

RBR-200053

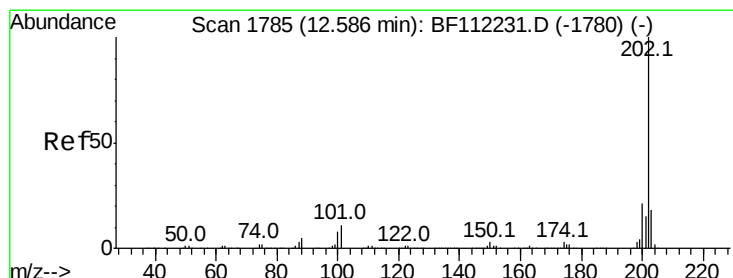
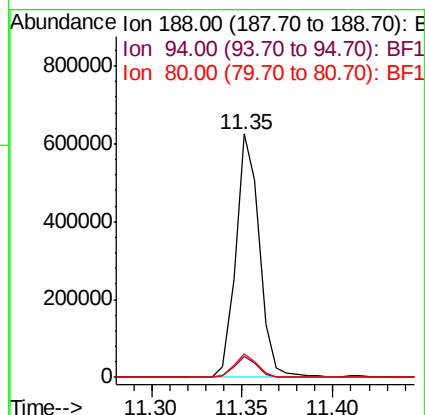
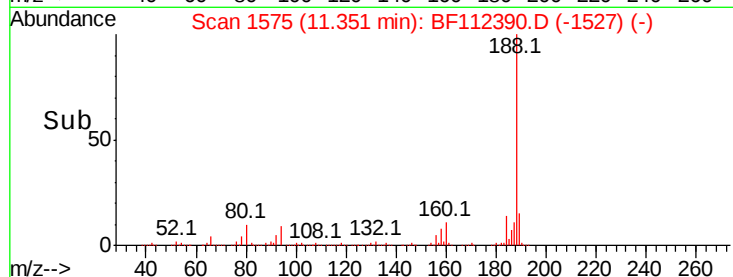
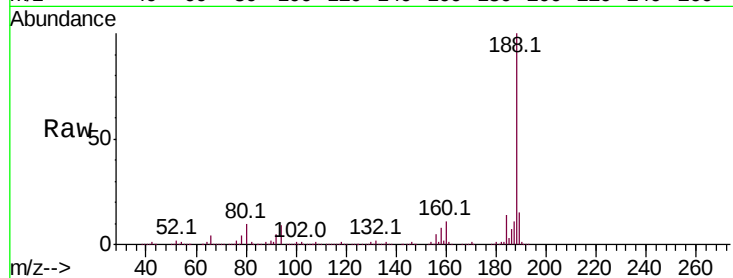
Tot Ion:188 Resp: 565552

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 9.6 8.9 13.3



#75

Fluoranthene

Concen: 2.089 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

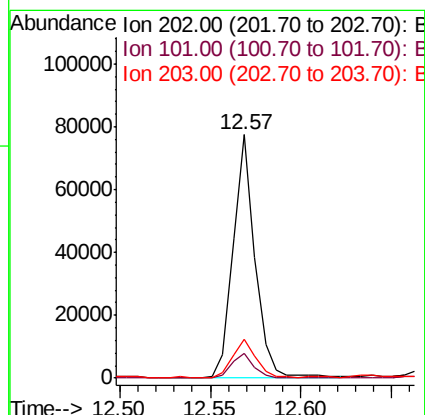
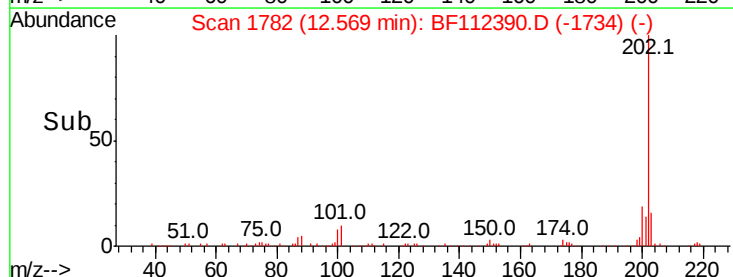
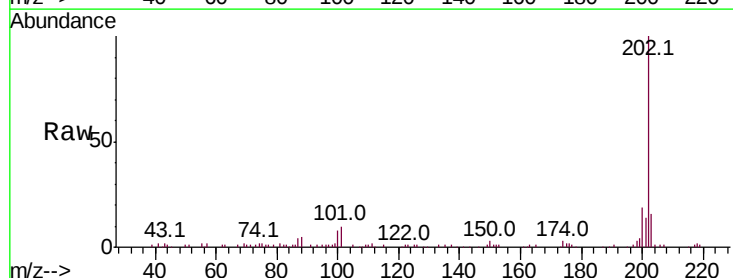
Tgt Ion:202 Resp: 65872

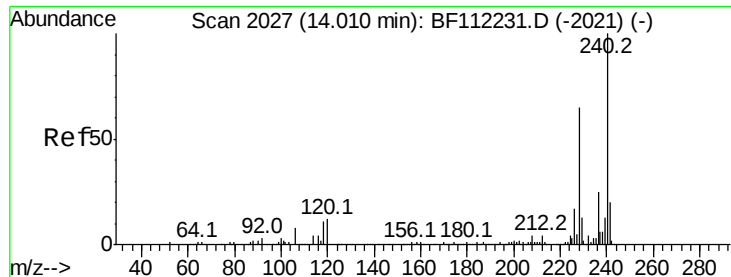
Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.8

203 16.0 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: BF112390.D

Acq: 4 Feb 2019 19:50

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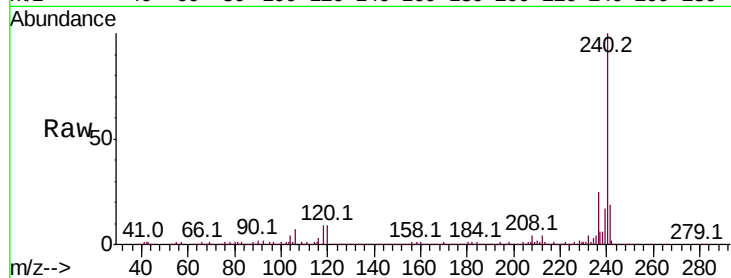
Tot Ion:240 Resp: 383495

Ion Ratio Lower Upper

240 100

120 9.4 9.0 13.6

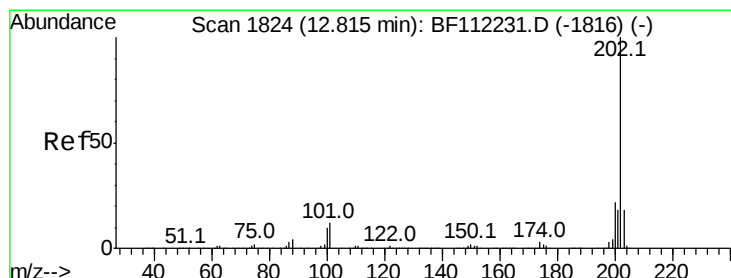
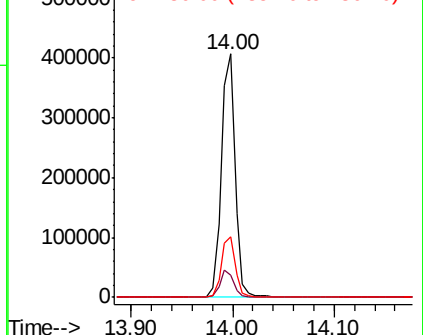
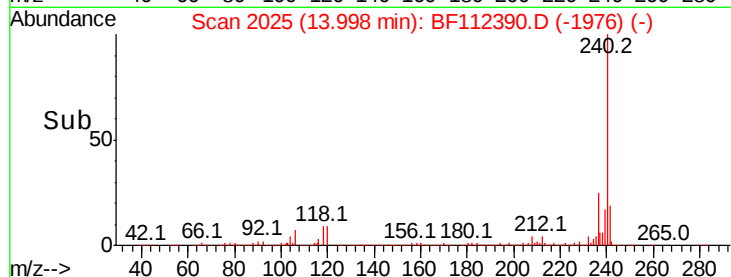
236 25.1 20.7 31.1



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: 2.336 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF112390.D

Acq: 4 Feb 2019 19:50

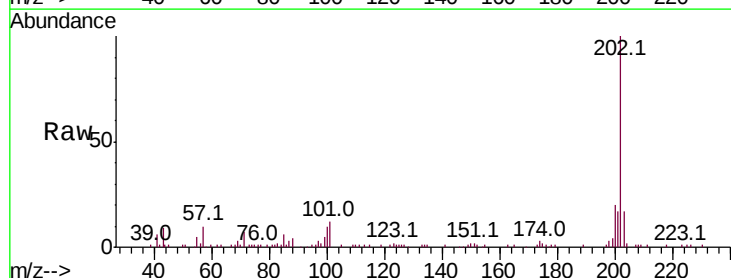
Tgt Ion:202 Resp: 62016

Ion Ratio Lower Upper

202 100

200 20.0 17.7 26.5

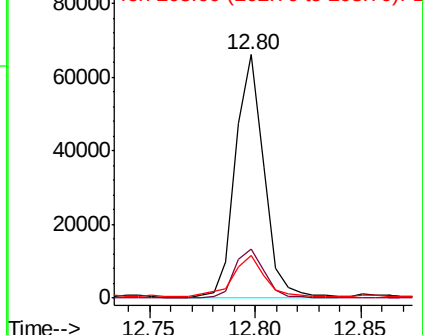
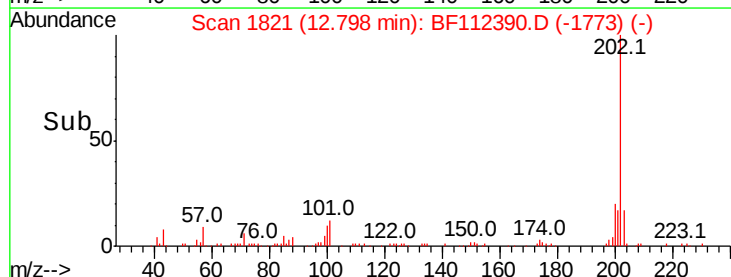
203 17.5 14.6 22.0

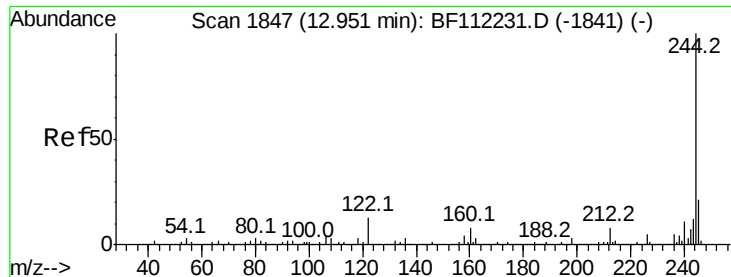


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

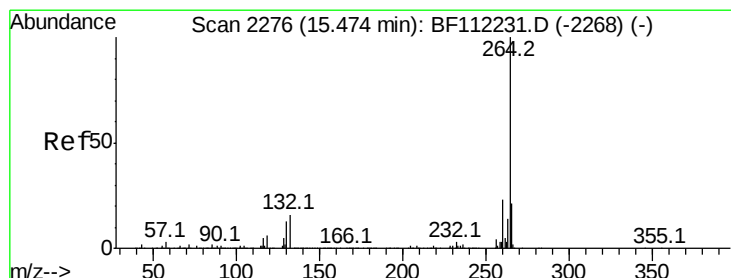
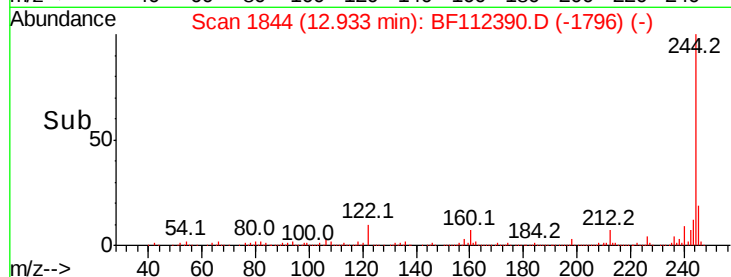
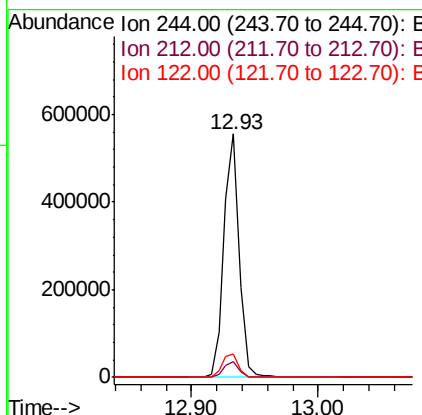
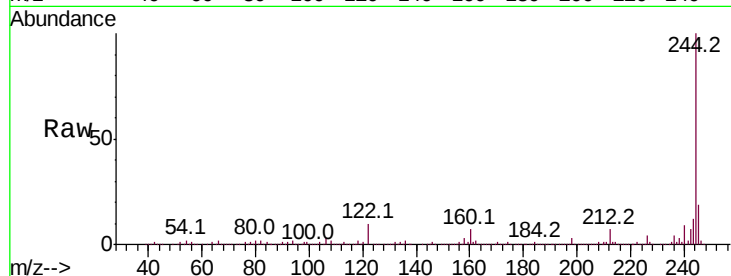




#79
 Terphenyl-d14
 Concen: 22.960 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112390.D
 Acq: 4 Feb 2019 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200053

Tot Ion:244 Resp: 467502
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 9.8 9.8 14.6#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF112390.D
 Acq: 4 Feb 2019 19:50

Tgt Ion:264 Resp: 365412
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 22.1 17.0 25.4

