

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117682.D
 Acq On : 1 Nov 2019 15:43
 Operator : JU
 Sample : K5615-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-52

Quant Time: Nov 01 16:32:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

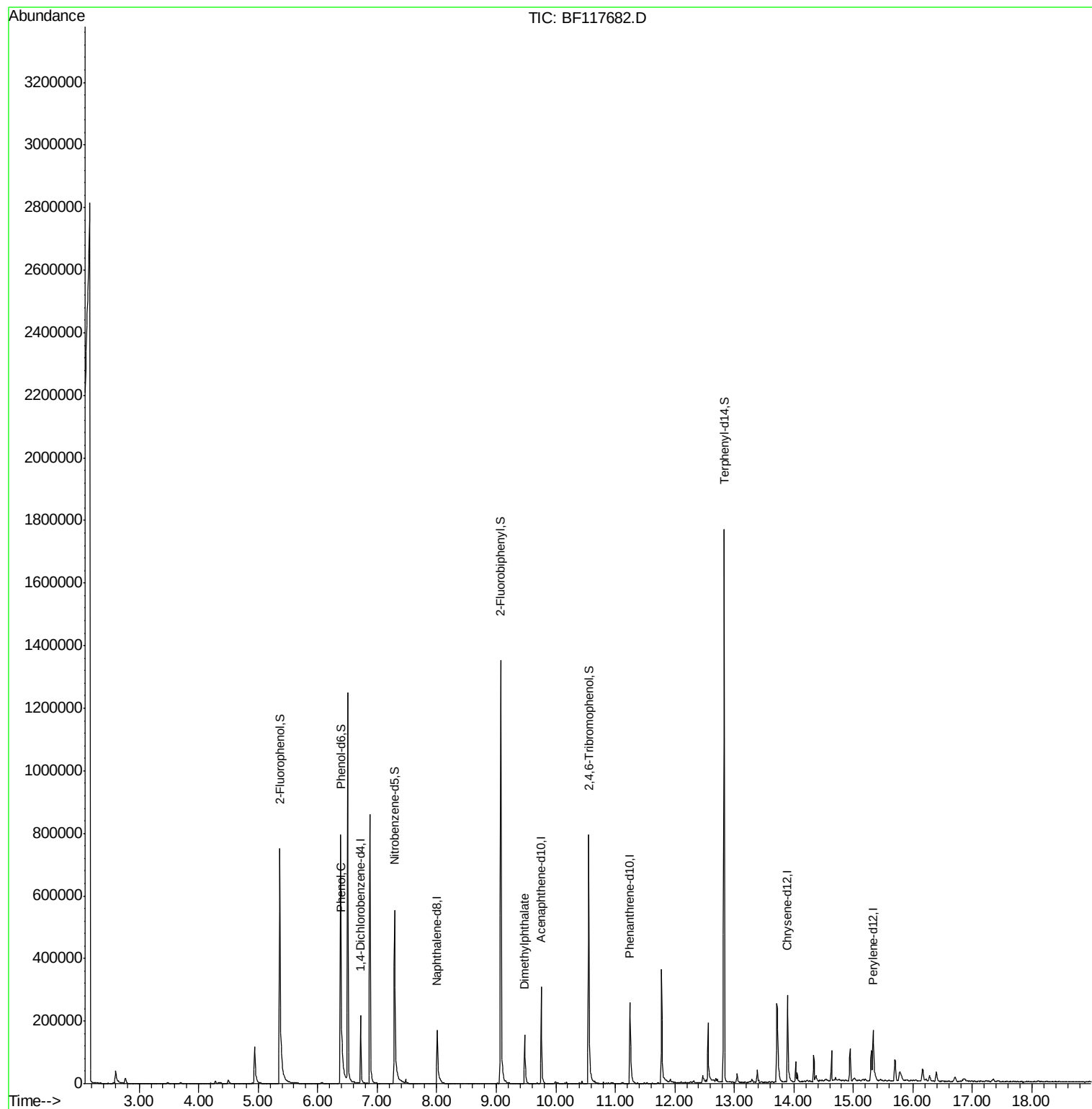
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	35303	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	145353	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	77299	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	144106	20.00	ng	0.00
76) Chrysene-d12	13.89	240	116275	20.00	ng	0.00
87) Perylene-d12	15.33	264	107818	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	319617	134.69	ng	0.01
7) Phenol-d6	6.39	99	419413	131.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	277477	94.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	101727	152.10	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	491852	89.65	ng	-0.02
79) Terphenyl-d14	12.83	244	627864	88.08	ng	0.00
Target Compounds						
10) Phenol	6.40	94	15006	4.613	ng	94
50) Dimethylphthalate	9.48	163	91264	16.562	ng	100

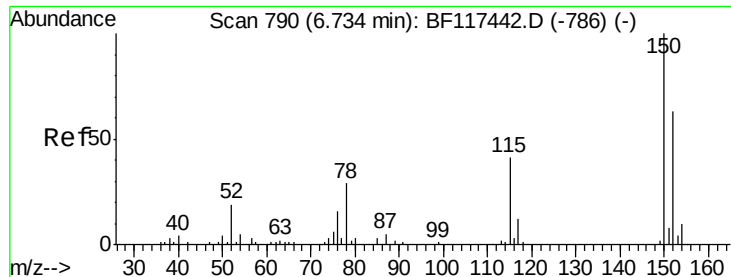
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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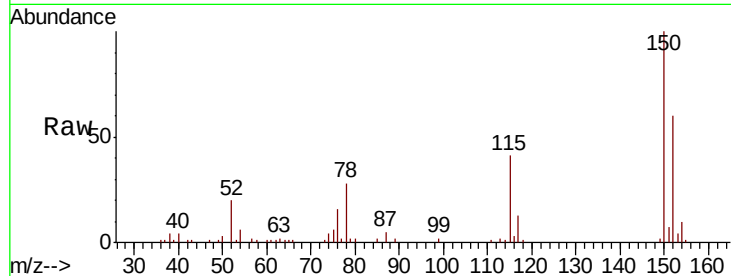


#1

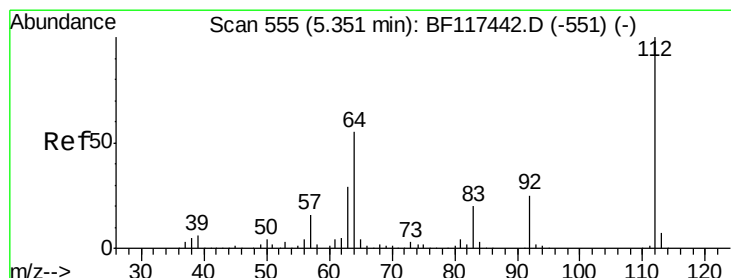
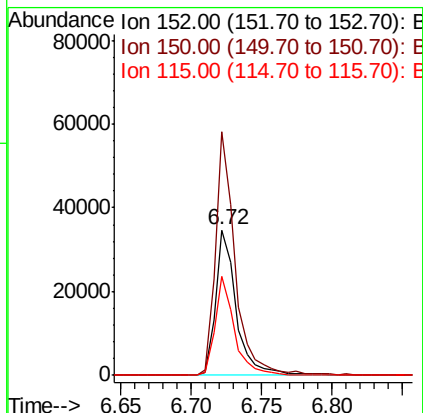
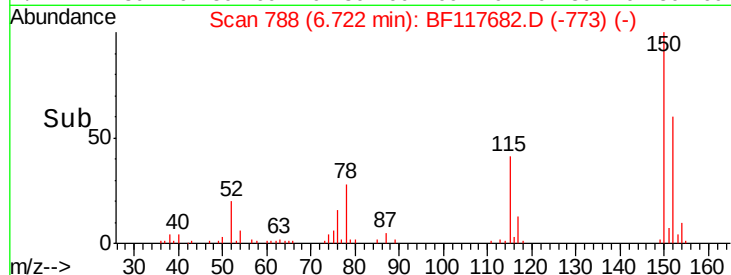
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117682.D
Acq: 1 Nov 2019 15:43

Instrument :
BNA_F
ClientSampleId :
RBR-52

Tot Ion:152 Resp: 35303
Ion Ratio Lower Upper
152 100
150 167.1 126.8 190.2
115 68.1 51.6 77.4



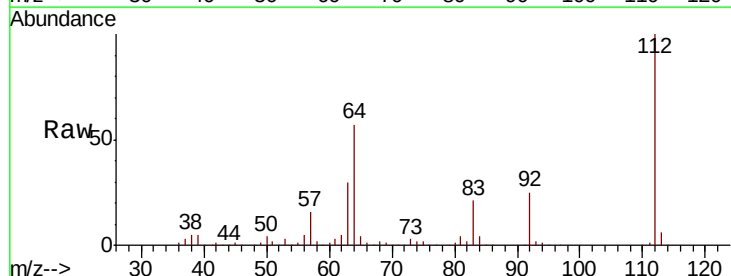
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



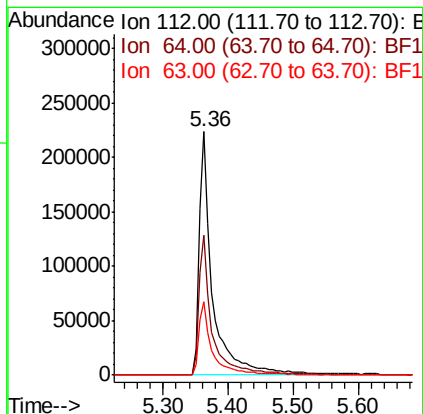
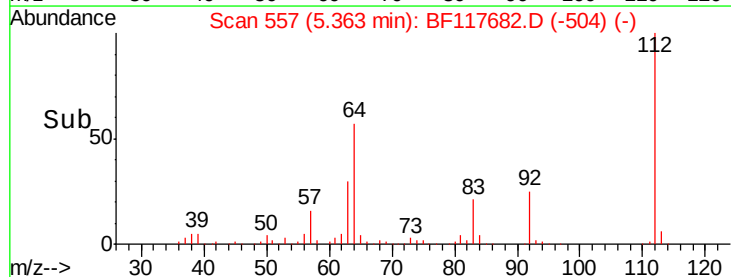
#5

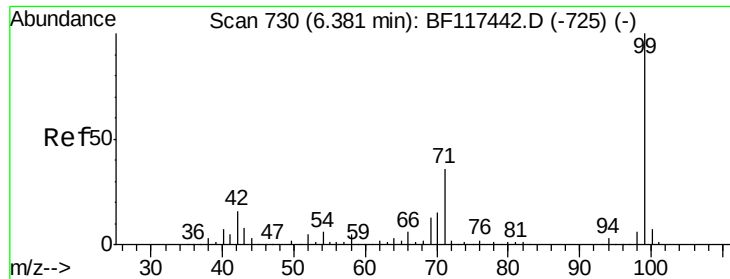
2-Fluorophenol
Concen: 134.690 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117682.D
Acq: 1 Nov 2019 15:43

Tgt Ion:112 Resp: 319617
Ion Ratio Lower Upper
112 100
64 57.3 44.1 66.1
63 30.0 23.4 35.2



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: 131.593 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117682.D

Acq: 1 Nov 2019 15:43

Instrument :

BNA_F

ClientSampleId :

RBR-52

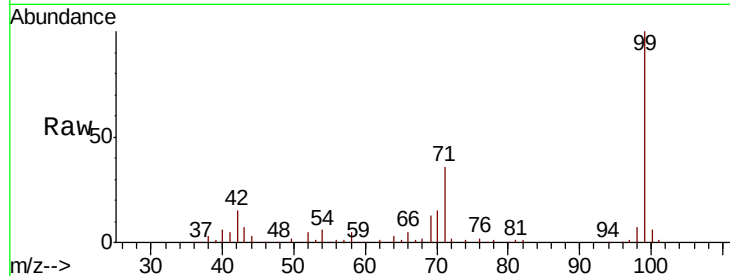
Tot Ion: 99 Resp: 419413

Ion Ratio Lower Upper

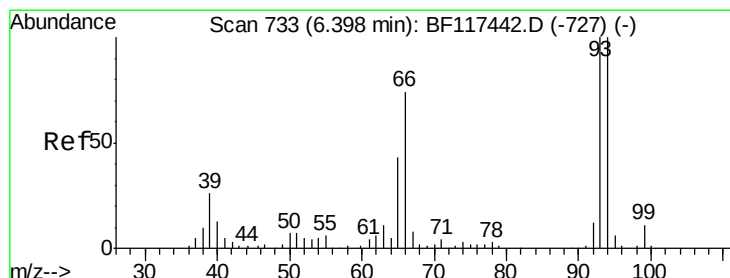
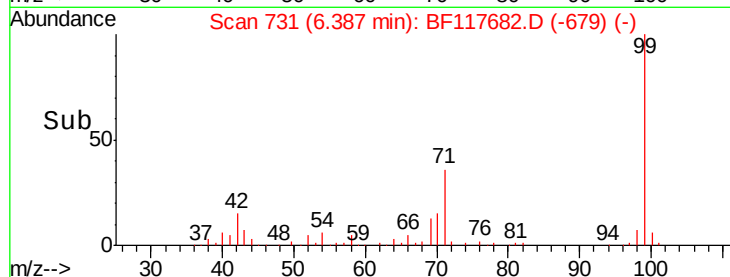
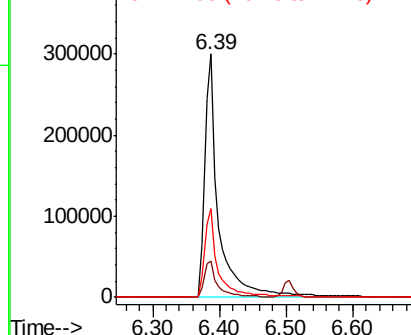
99 100

42 15.0 12.8 19.2

71 36.3 28.6 43.0



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: 4.613 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117682.D

Acq: 1 Nov 2019 15:43

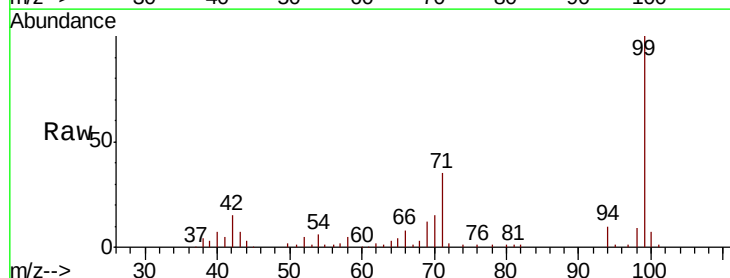
Tgt Ion: 94 Resp: 15006

Ion Ratio Lower Upper

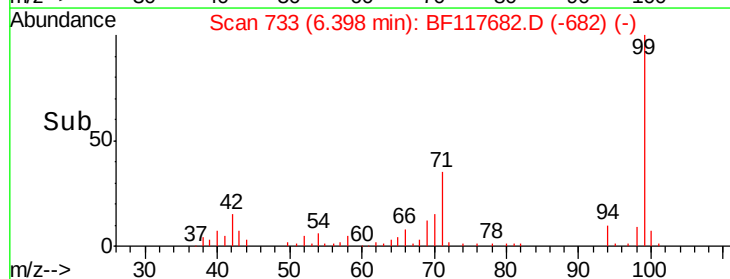
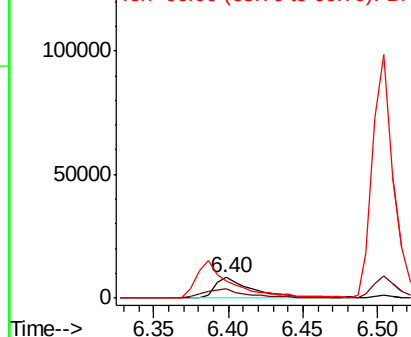
94 100

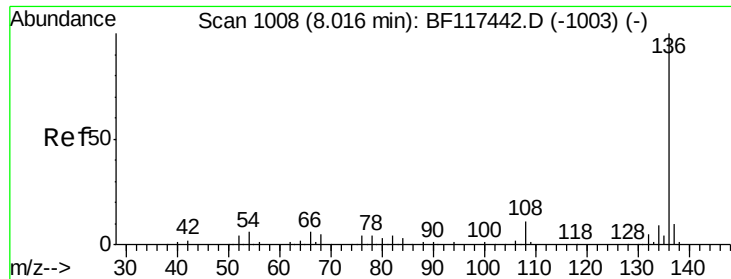
65 45.5 23.4 63.4

66 81.6 54.7 94.7



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

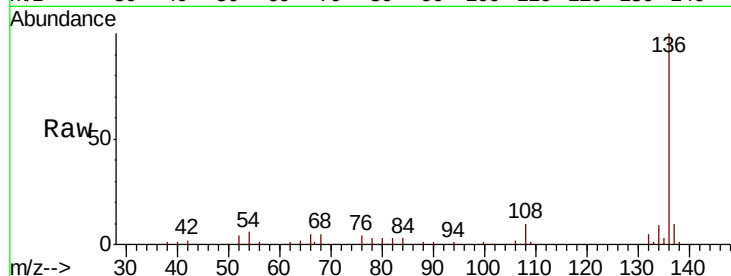




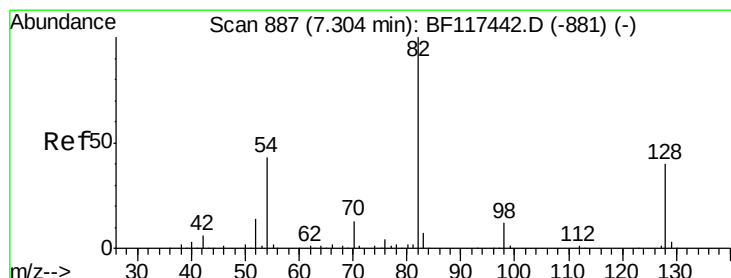
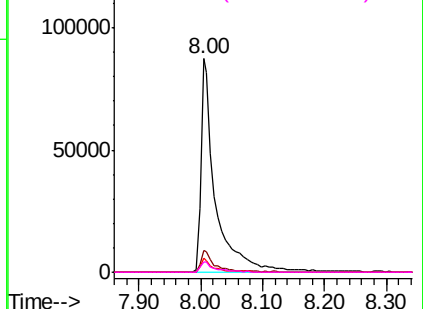
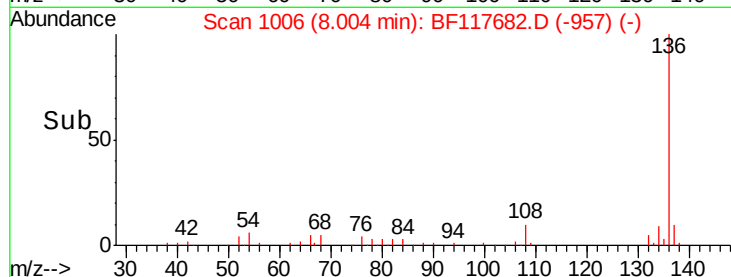
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF117682.D
Acq: 1 Nov 2019 15:43

Instrument :
BNA_F
ClientSampleId :
RBR-52

Tot Ion:	136	Resp:	145353
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	6.4	4.5	6.7
68	5.1	4.3	6.5

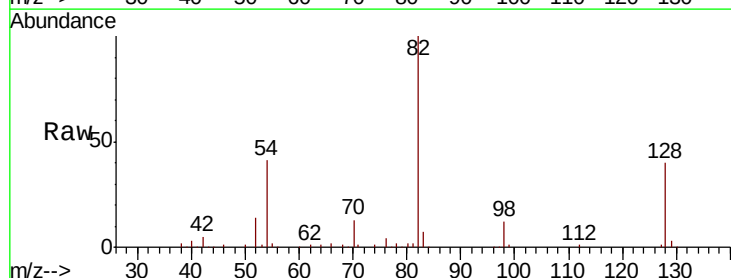


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

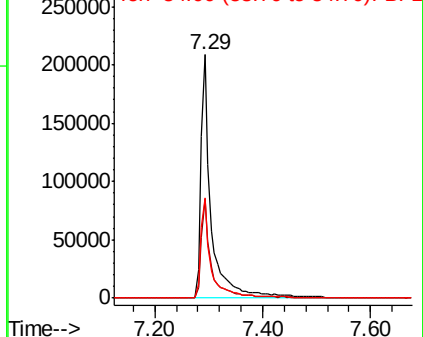
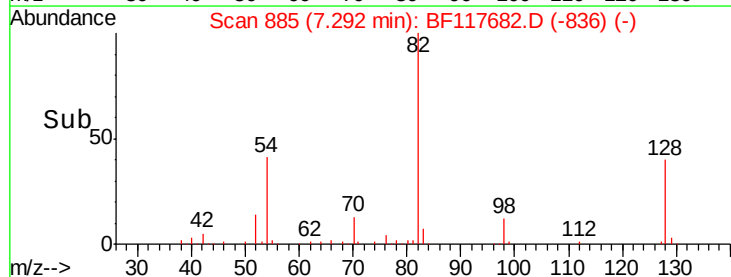


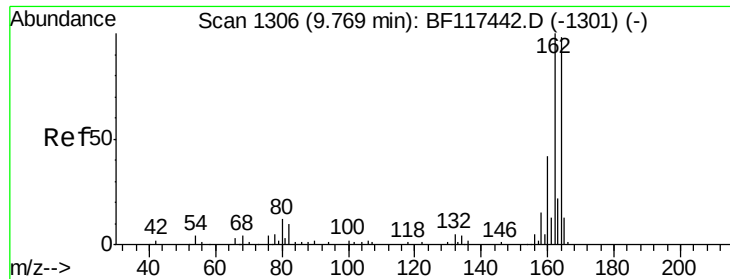
#23
Nitrobenzene-d5
Concen: 94.243 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117682.D
Acq: 1 Nov 2019 15:43

Tgt Ion:	82	Resp:	277477
Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.2	48.2
54	41.0	34.2	51.2



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

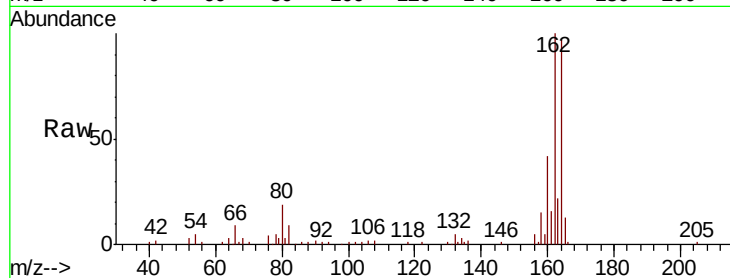




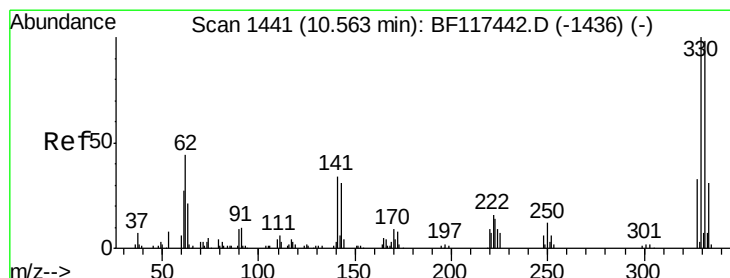
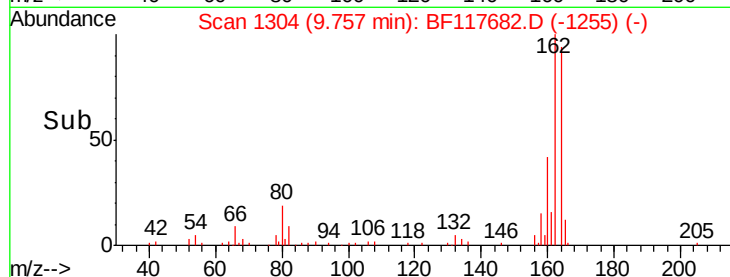
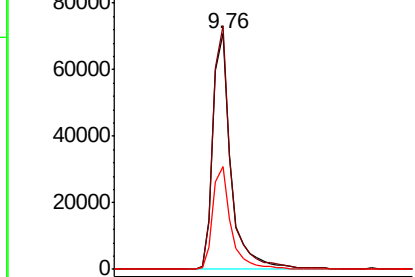
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF117682.D
 Acq: 1 Nov 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 RBR-52

Tot Ion:164 Resp: 77299
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.8 122.6
 160 43.8 34.4 51.6

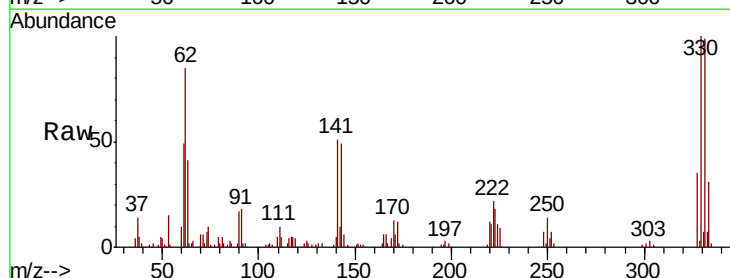


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

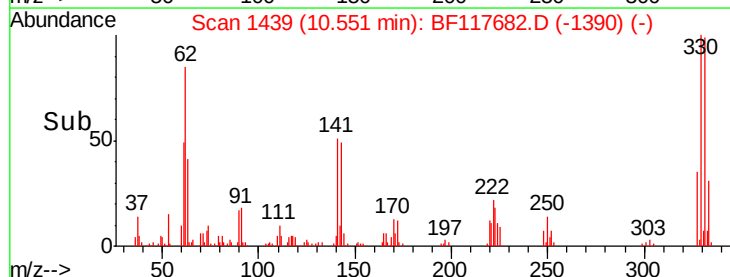
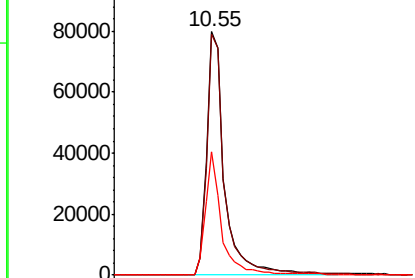


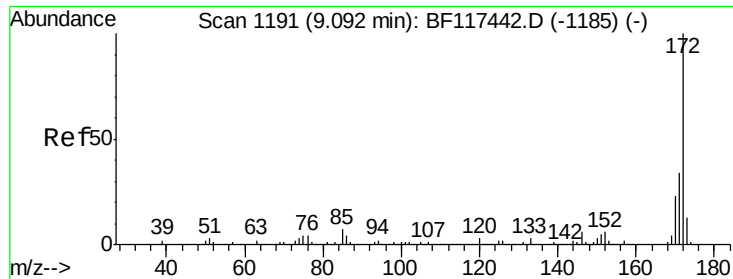
#42
 2,4,6-Tribromophenol
 Concen: 152.096 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF117682.D
 Acq: 1 Nov 2019 15:43

Tgt Ion:330 Resp: 101727
 Ion Ratio Lower Upper
 330 100
 332 99.2 78.5 117.7
 141 45.8 37.0 55.6



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

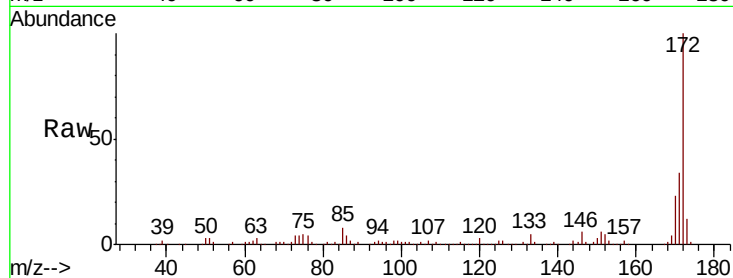




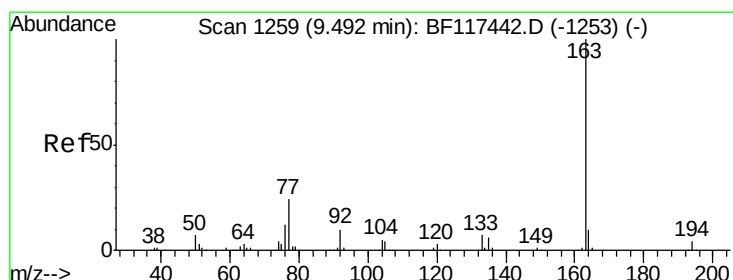
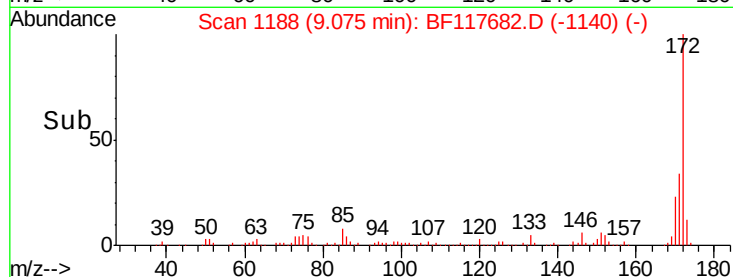
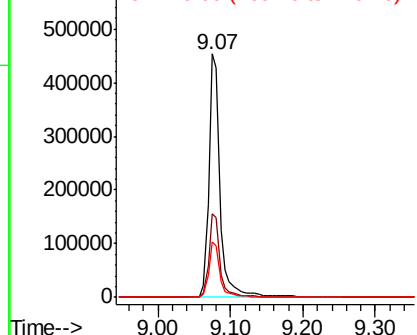
#45
2-Fluorobiphenyl
Concen: 89.654 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117682.D
Acq: 1 Nov 2019 15:43

Instrument :
BNA_F
ClientSampleId :
RBR-52

Tot Ion:172 Resp: 491852
Ion Ratio Lower Upper
172 100
171 34.2 27.5 41.3
170 22.9 18.6 27.8

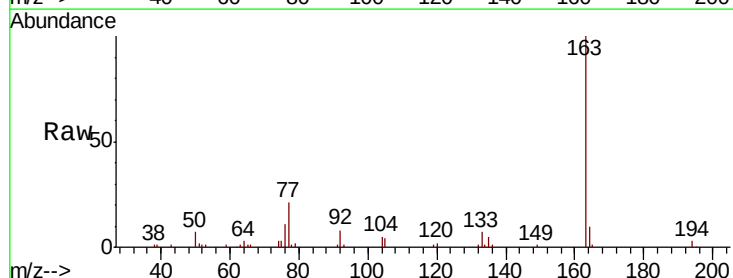


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

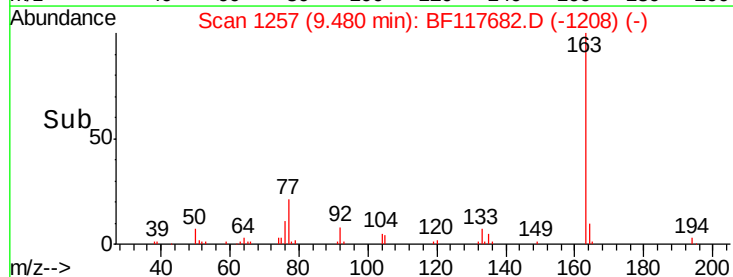
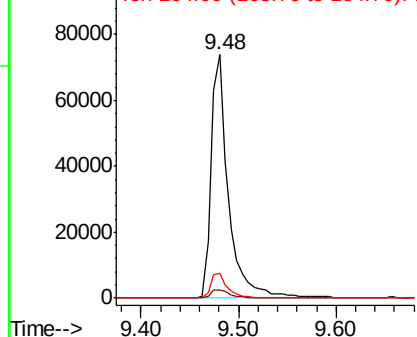


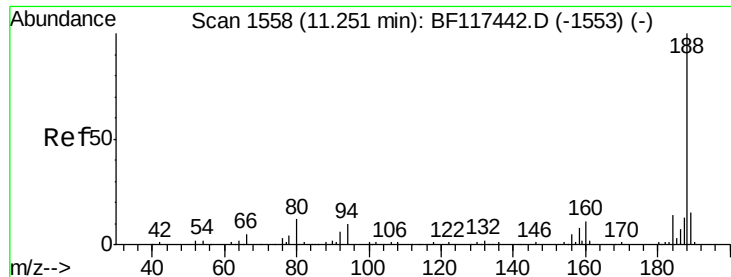
#50
Dimethylphthalate
Concen: 16.562 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117682.D
Acq: 1 Nov 2019 15:43

Tgt Ion:163 Resp: 91264
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.3 8.2 12.2



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: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117682.D

Acq: 1 Nov 2019 15:43

Instrument :

BNA_F

ClientSampled :

RBR-52

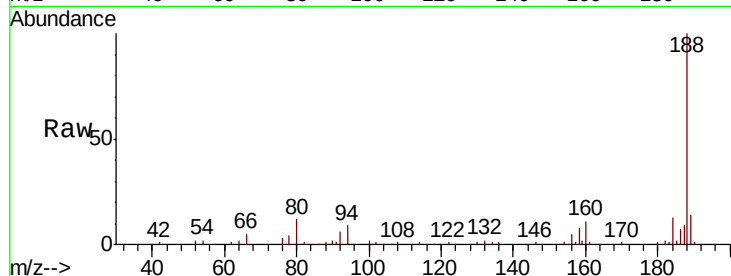
Tot Ion:188 Resp: 144106

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

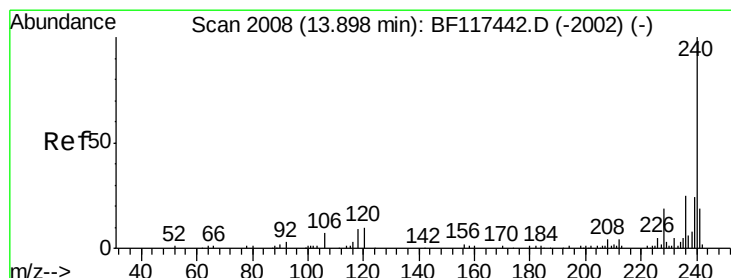
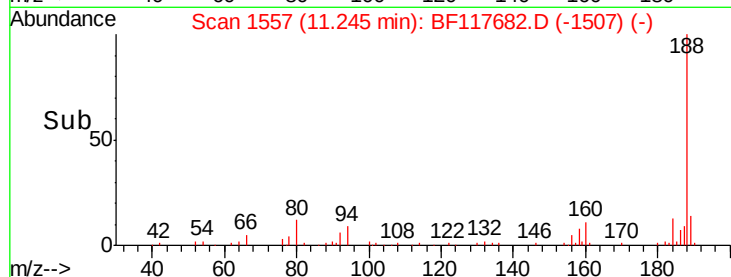
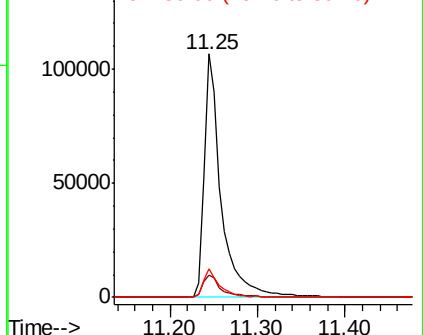
80 11.8 9.5 14.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117682.D

Acq: 1 Nov 2019 15:43

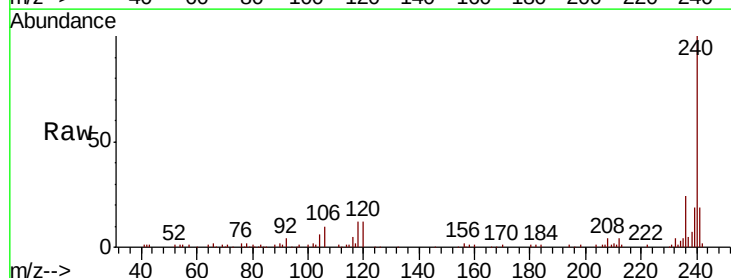
Tgt Ion:240 Resp: 116275

Ion Ratio Lower Upper

240 100

120 12.1 8.4 12.6

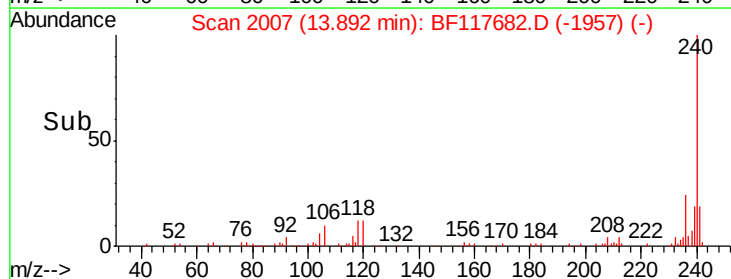
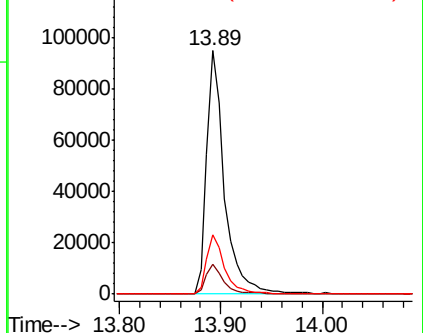
236 24.3 20.0 30.0

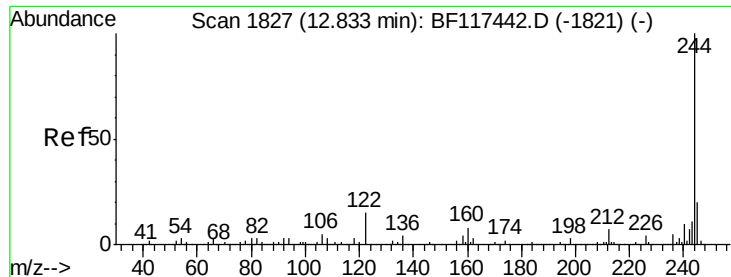


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

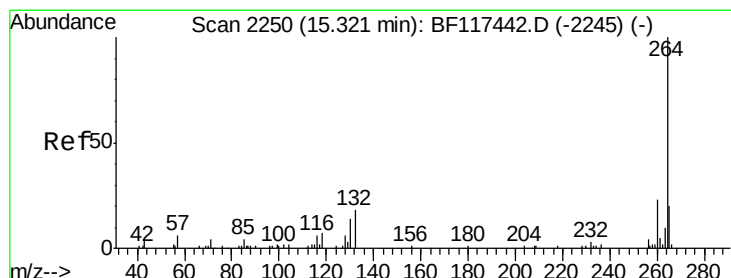
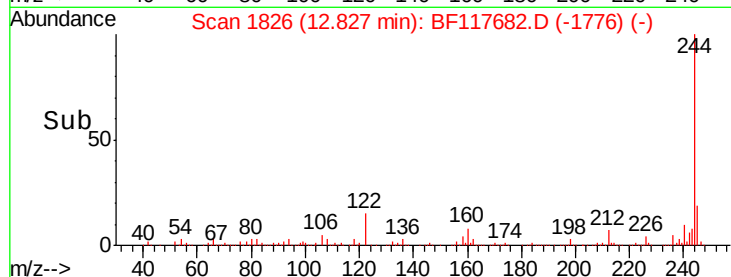
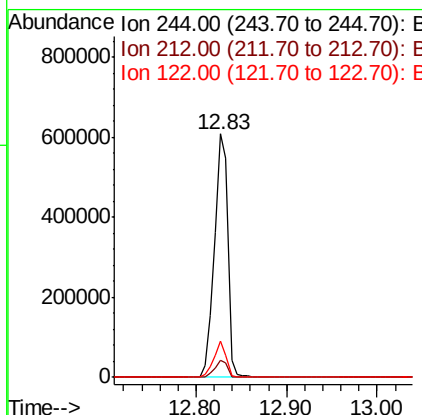
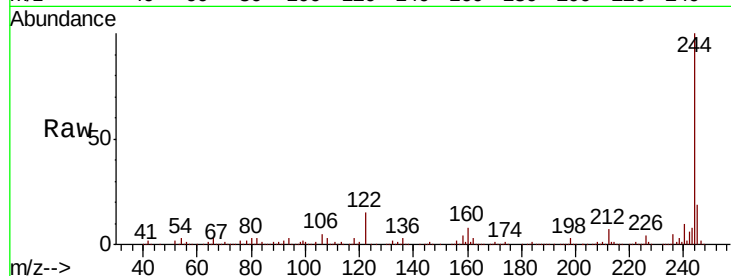




#79
 Terphenyl-d14
 Concen: 88.077 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117682.D
 Acq: 1 Nov 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 RBR-52

Tot Ion:244 Resp: 627864
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 14.9 11.8 17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117682.D
 Acq: 1 Nov 2019 15:43

Tgt Ion:264 Resp: 107818
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 23.0 16.1 24.1

