

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117822.D
 Acq On : 16 Nov 2019 00:02
 Operator : JU
 Sample : K5861-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-15

Quant Time: Nov 18 03:34:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

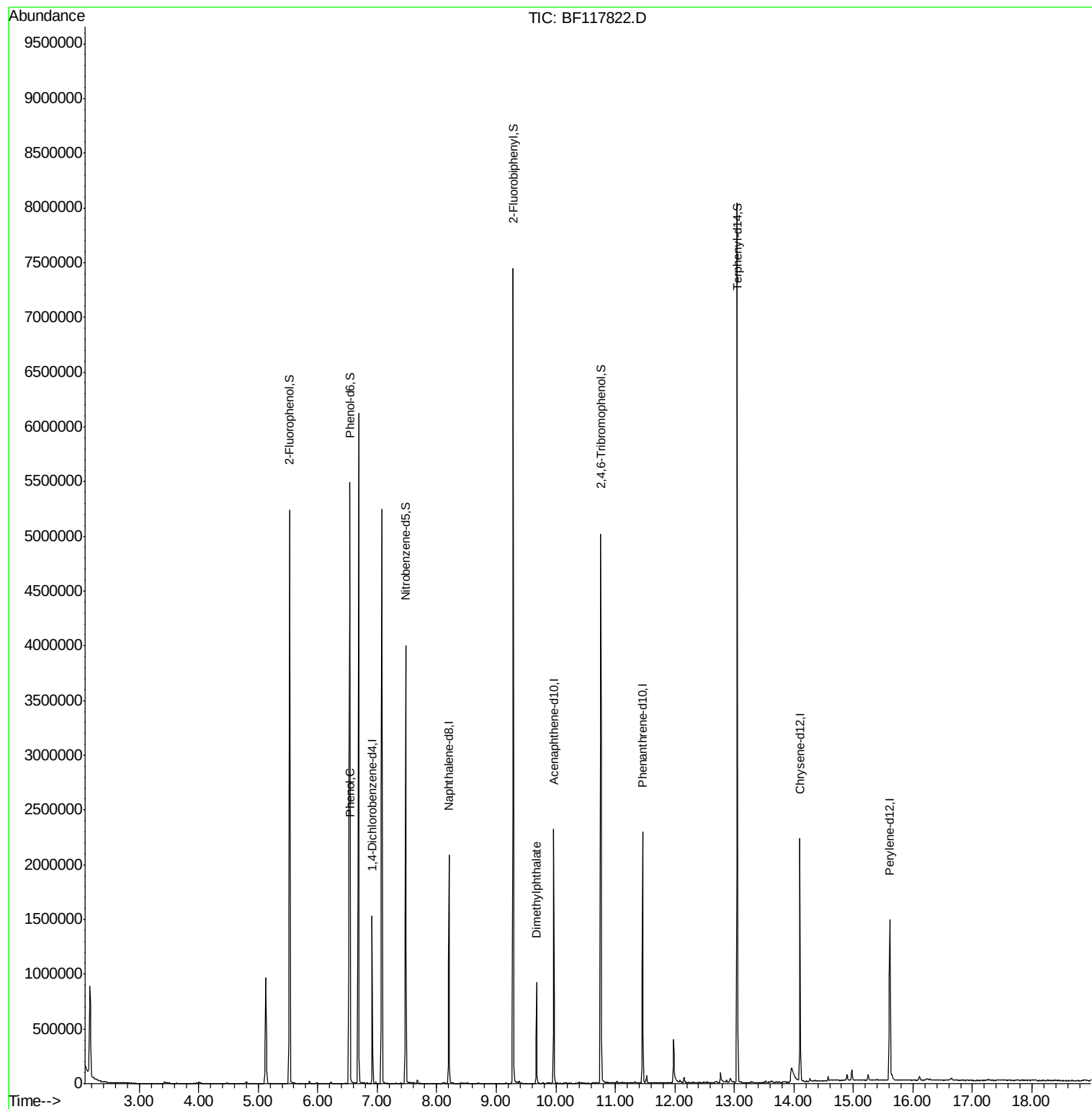
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	219301	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	846310	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	448875	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	873697	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	674870	20.00	ng	-0.01
87) Perylene-d12	15.61	264	719743	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1589647	128.31	ng	0.00
7) Phenol-d6	6.54	99	1939036	129.76	ng	0.00
23) Nitrobenzene-d5	7.48	82	1199625	84.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	608624	128.07	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2263136	90.45	ng	0.00
79) Terphenyl-d14	13.05	244	2808999	76.07	ng	0.00
Target Compounds						
10) Phenol	6.55	94	87778	5.653	ng	93
50) Dimethylphthalate	9.67	163	328060	10.422	ng	99

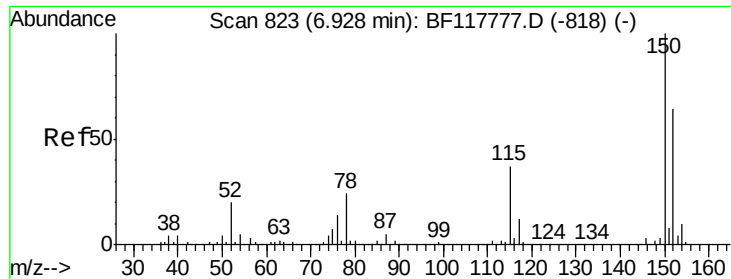
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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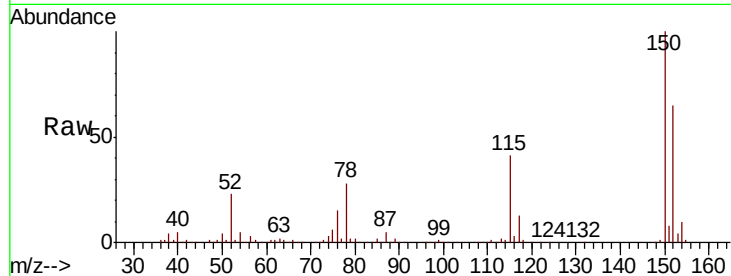


#1

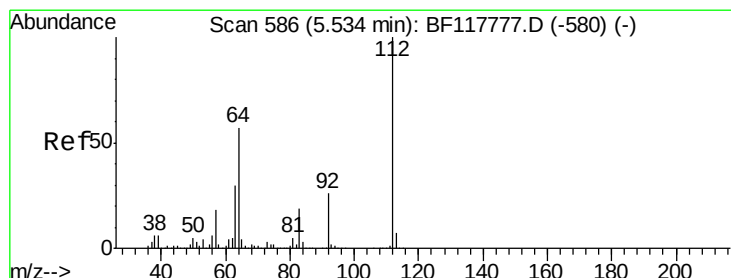
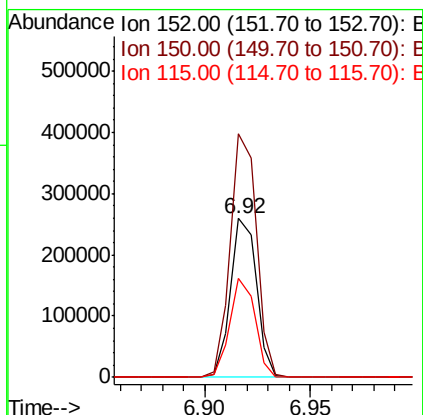
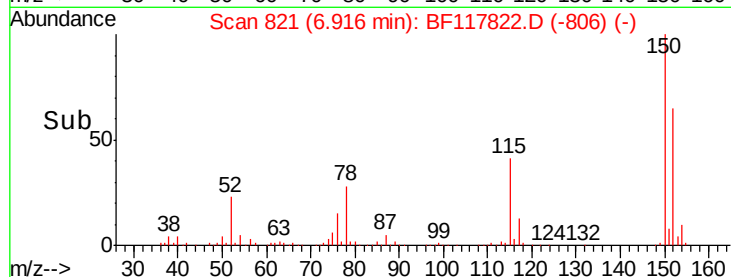
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Instrument :
BNA_F
ClientSampled :
EP-15

Tot Ion:152 Resp: 219301
Ion Ratio Lower Upper
152 100
150 153.6 125.3 187.9
115 62.7 47.0 70.4



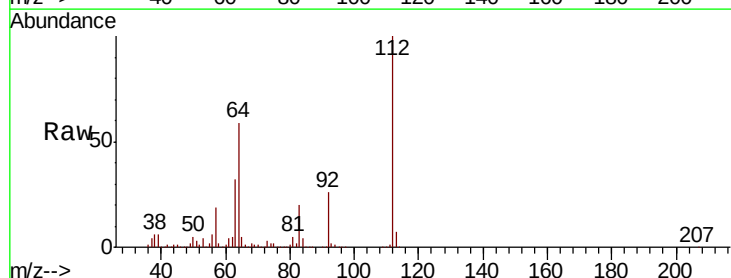
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



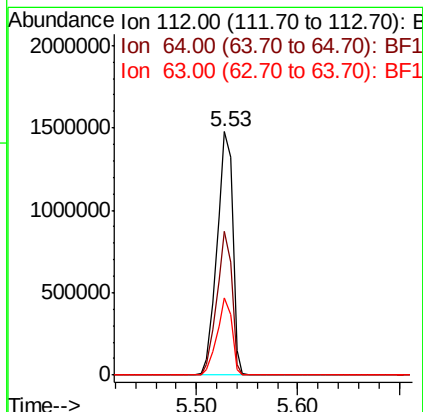
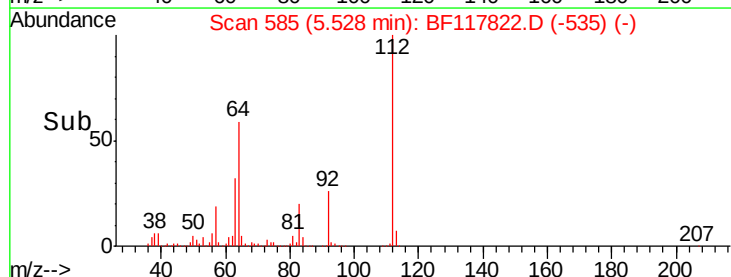
#5

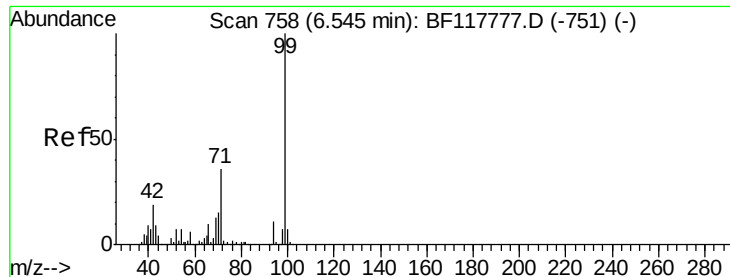
2-Fluorophenol
Concen: 128.310 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Tgt Ion:112 Resp: 1589647
Ion Ratio Lower Upper
112 100
64 58.9 45.6 68.4
63 31.7 24.1 36.1



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: 129.759 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117822.D

Acq: 16 Nov 2019 00:02

Instrument :

BNA_F

ClientSampleId :

EP-15

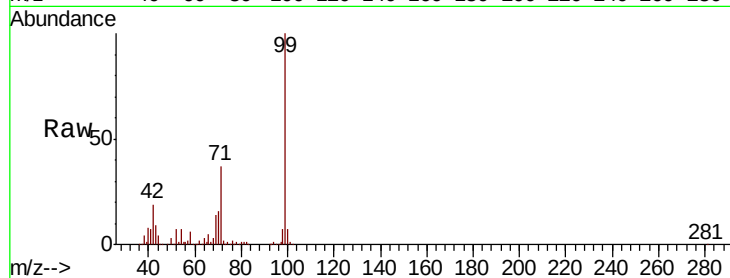
Tot Ion: 99 Resp: 1939036

Ion Ratio Lower Upper

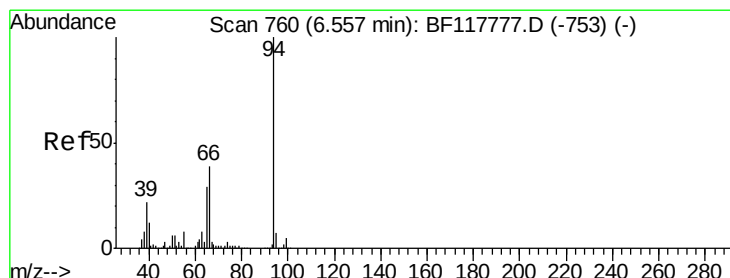
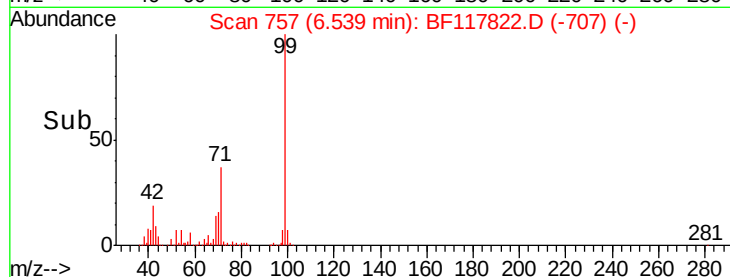
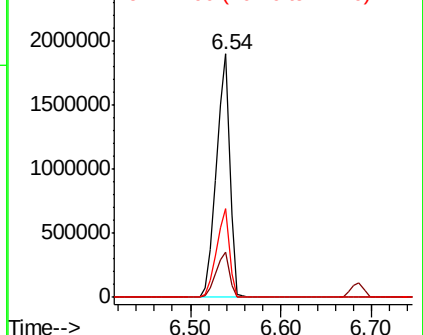
99 100

42 18.8 14.9 22.3

71 36.7 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: 5.653 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117822.D

Acq: 16 Nov 2019 00:02

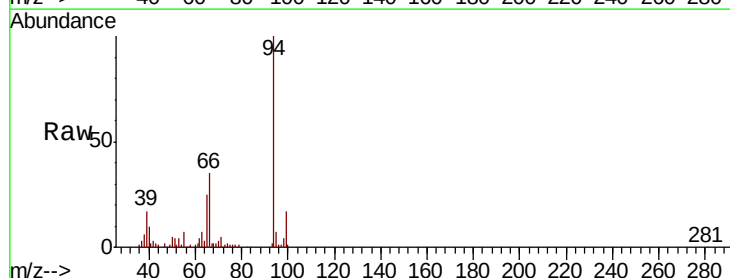
Tgt Ion: 94 Resp: 87778

Ion Ratio Lower Upper

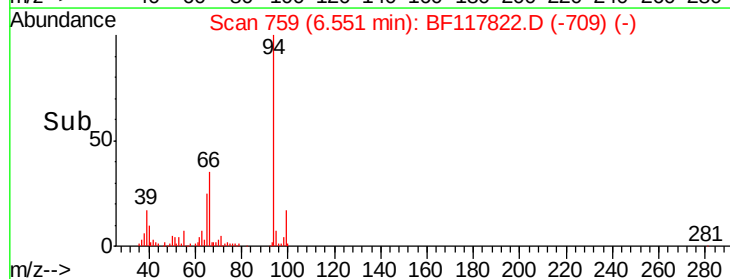
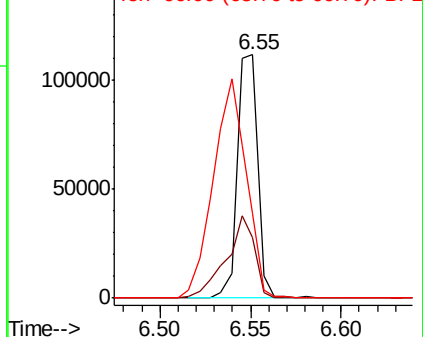
94 100

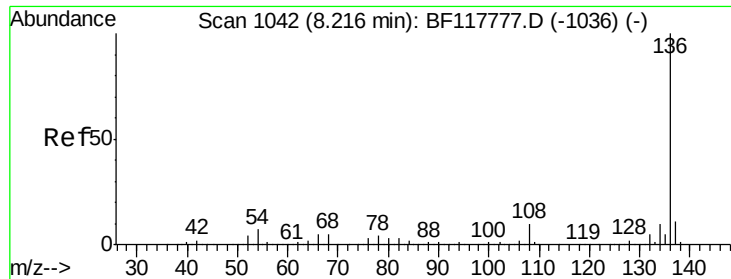
65 24.7 8.9 48.9

66 34.8 18.7 58.7



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

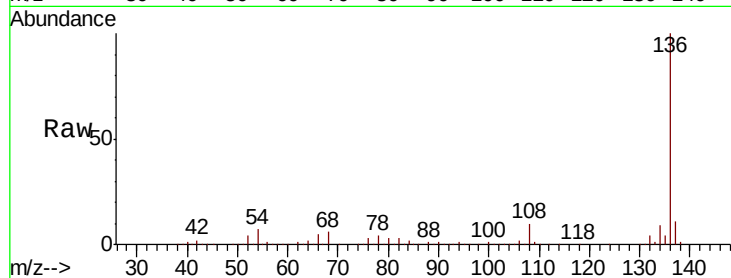




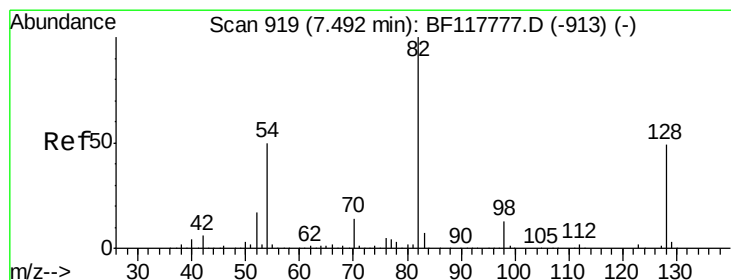
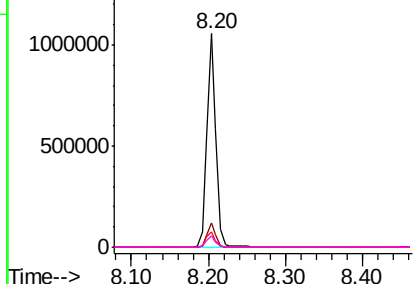
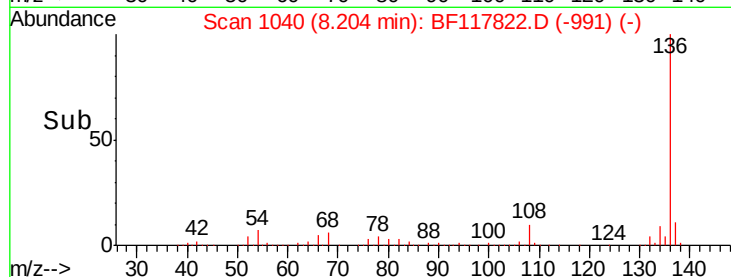
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Instrument :
BNA_F
ClientSampleId :
EP-15

Tot Ion:136	Resp:	846310
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.4
54	7.4	5.4 8.2
68	5.6	4.3 6.5

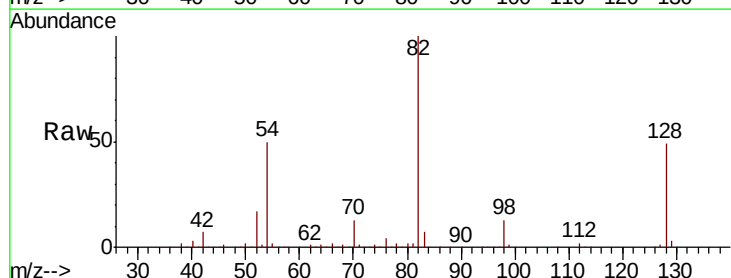


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

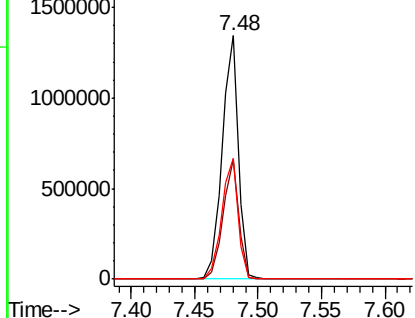
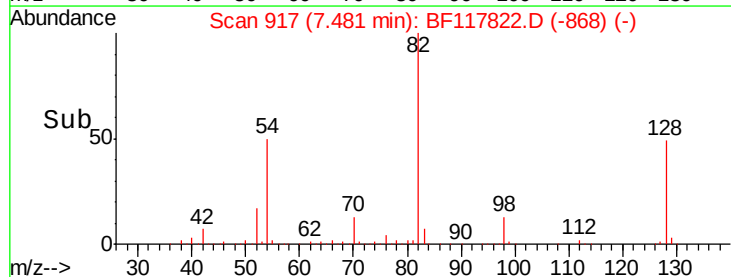


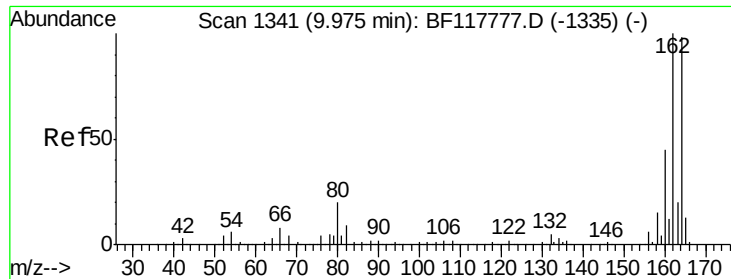
#23
Nitrobenzene-d5
Concen: 84.263 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Tgt Ion: 82	Resp:	1199625
Ion	Ratio	Lower Upper
82	100	
128	49.0	38.9 58.3
54	49.7	39.8 59.6



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

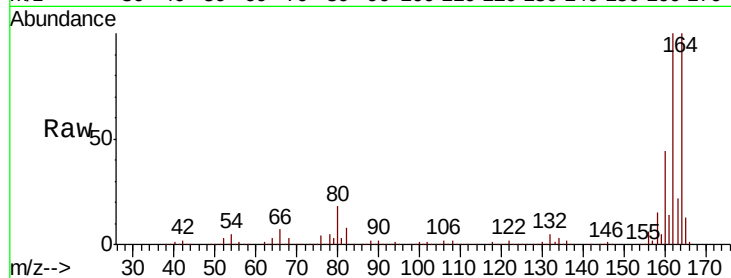




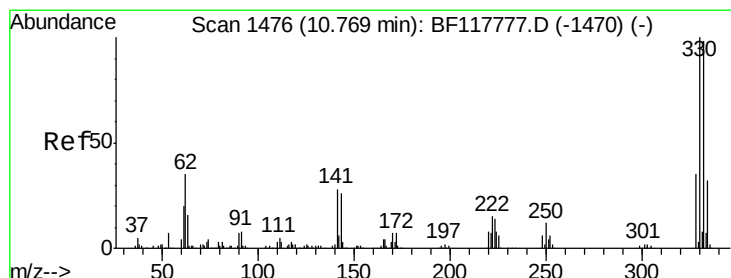
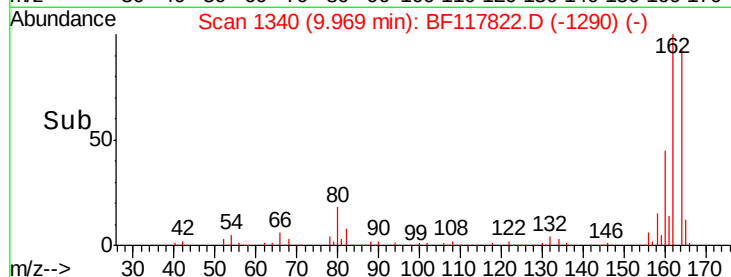
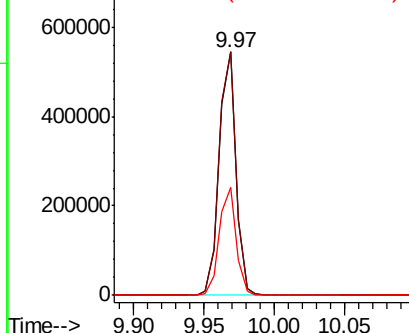
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Instrument :
BNA_F
ClientSampleId :
EP-15

Tot Ion:164 Resp: 448875
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.5 36.6 55.0

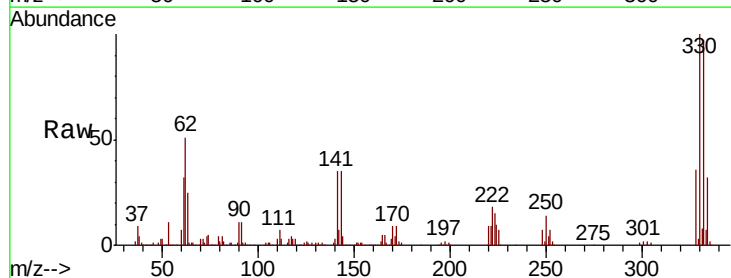


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

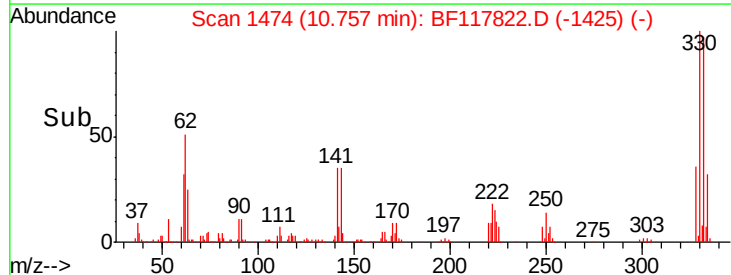
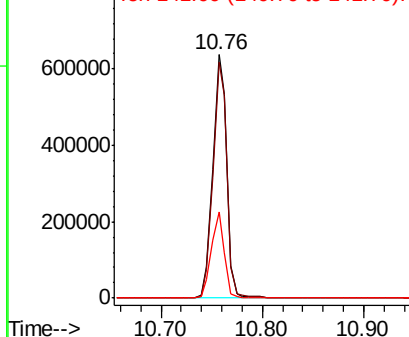


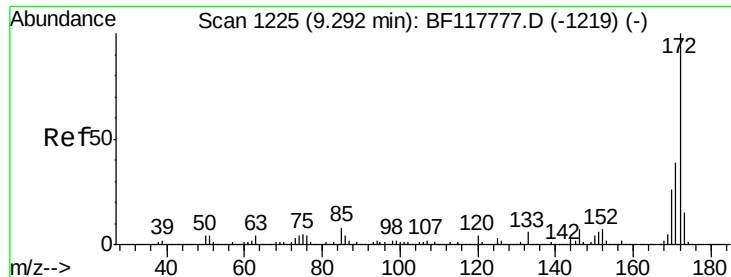
#42
2,4,6-Tribromophenol
Concen: 128.072 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Tgt Ion:330 Resp: 608624
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 33.5 27.7 41.5



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

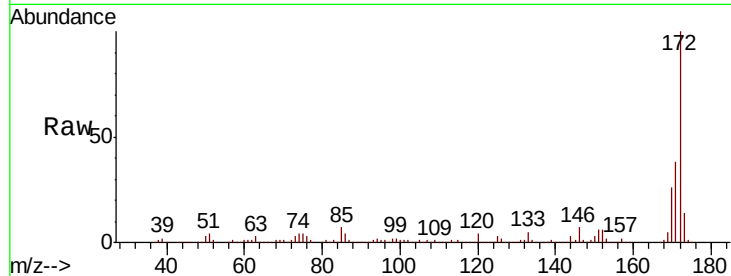




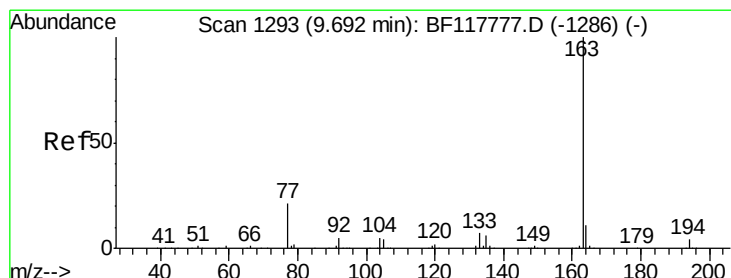
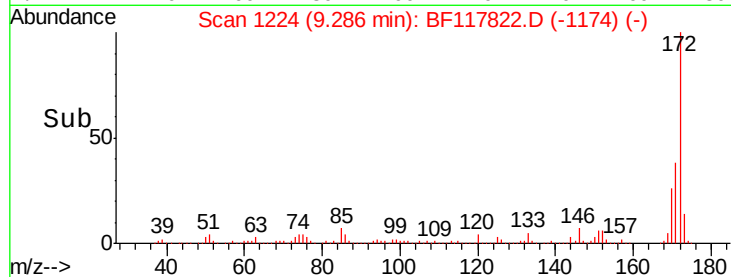
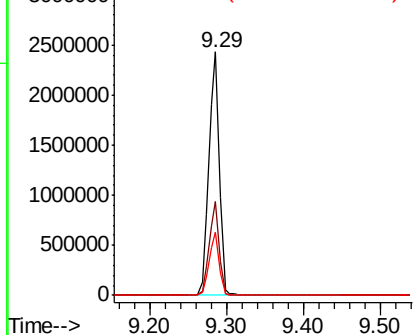
#45
2-Fluorobiphenyl
Concen: 90.452 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Instrument :
BNA_F
ClientSampleId :
EP-15

Tot Ion:172 Resp: 2263136
Ion Ratio Lower Upper
172 100
171 38.4 30.9 46.3
170 25.8 21.0 31.4

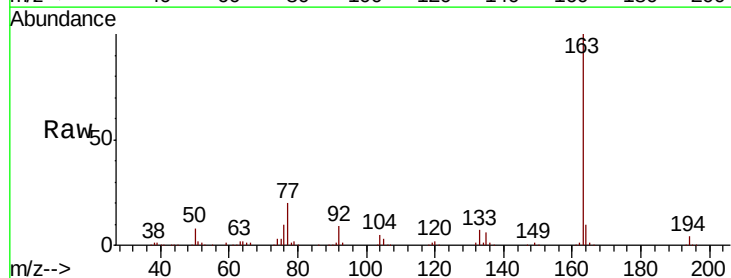


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

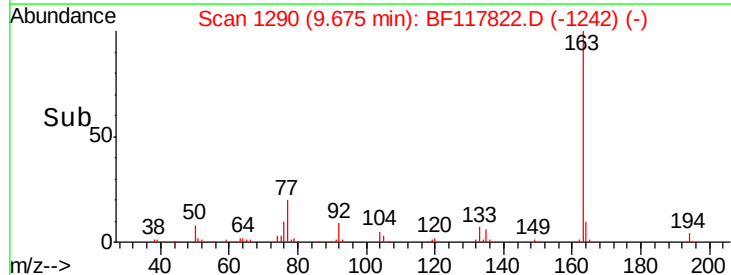
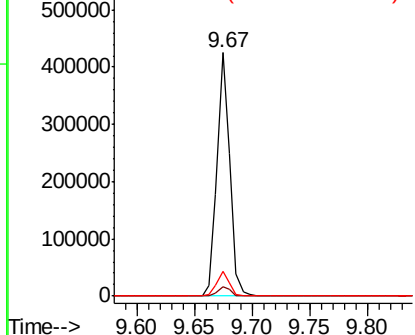


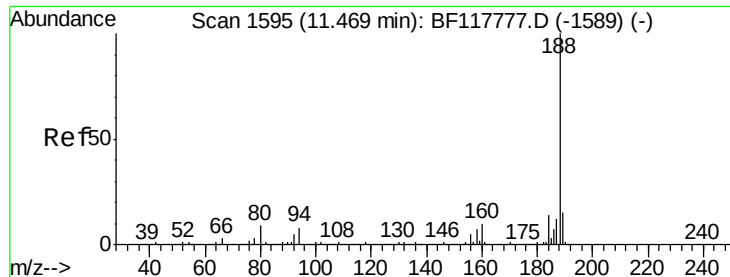
#50
Dimethylphthalate
Concen: 10.422 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Tgt Ion:163 Resp: 328060
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.7 13.1



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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117822.D

Acq: 16 Nov 2019 00:02

Instrument :

BNA_F

ClientSampleId :

EP-15

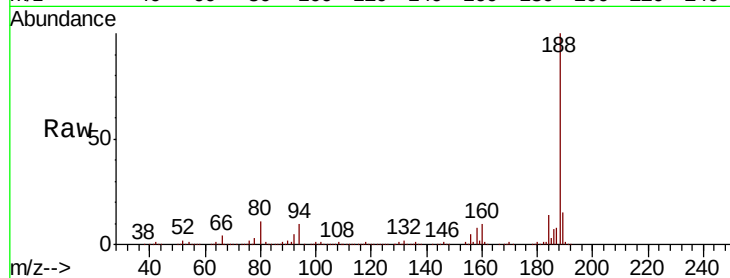
Tot Ion:188 Resp: 873697

Ion Ratio Lower Upper

188 100

94 10.1 6.6 10.0#

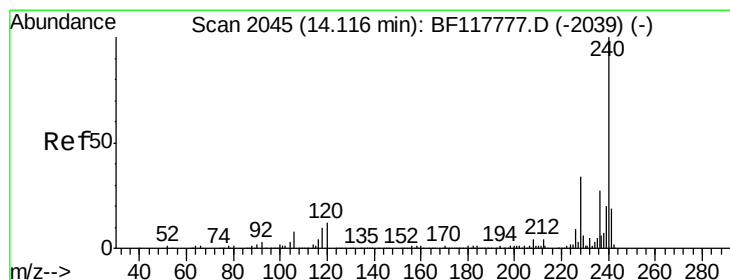
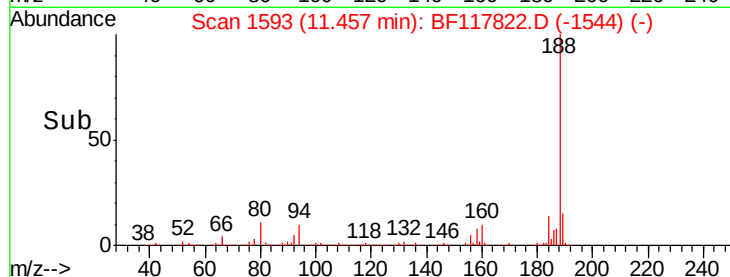
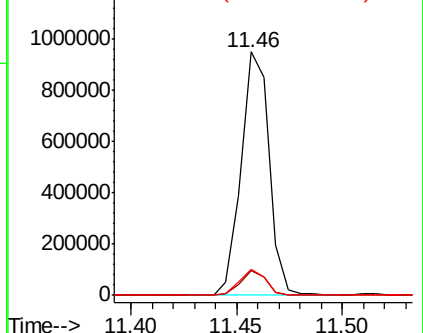
80 10.6 7.2 10.8



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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117822.D

Acq: 16 Nov 2019 00:02

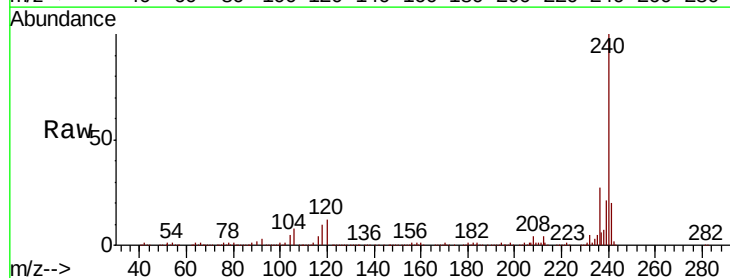
Tgt Ion:240 Resp: 674870

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

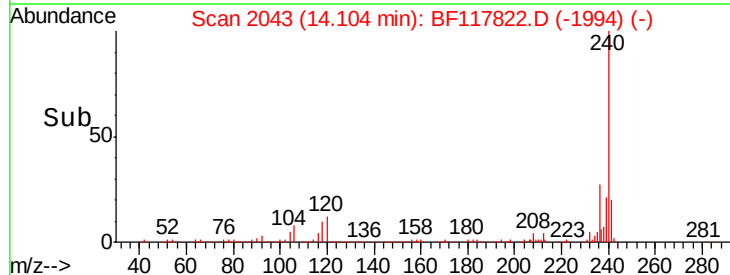
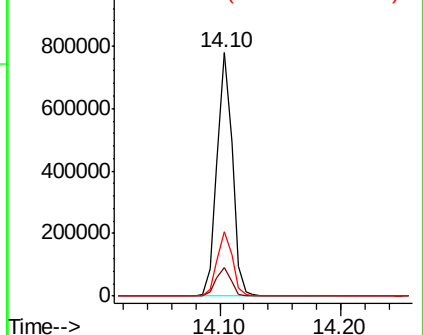
236 26.6 21.3 31.9

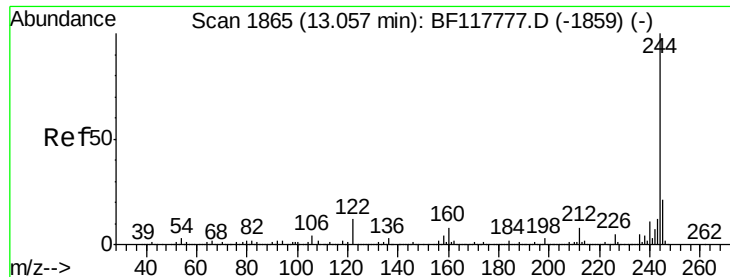


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



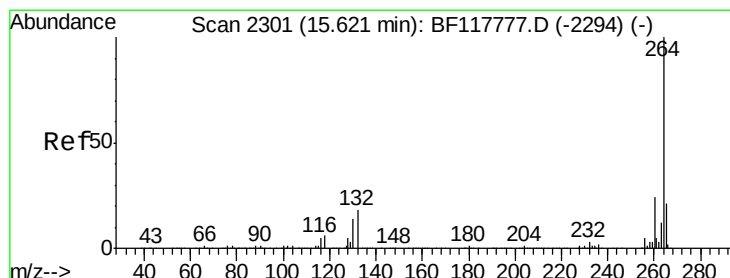
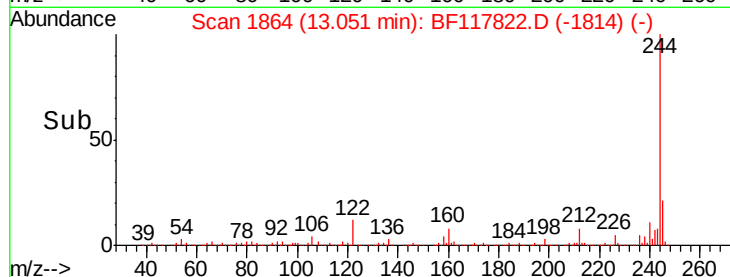
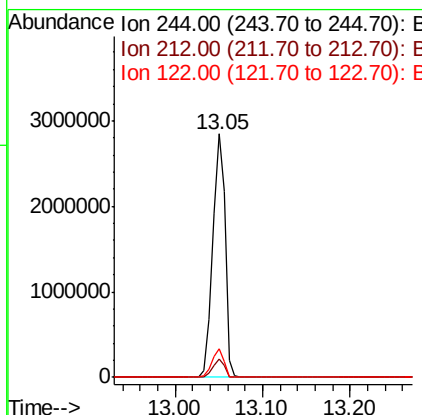
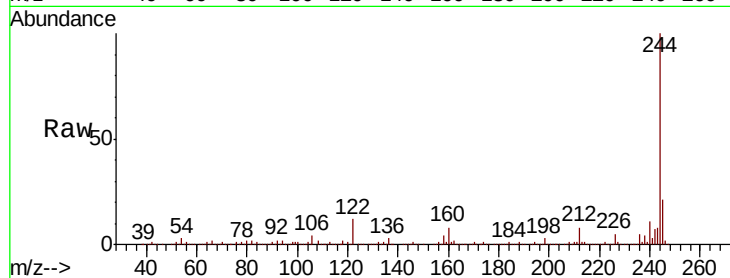


#79
 Terphenyl-d14
 Concen: 76.070 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117822.D
 Acq: 16 Nov 2019 00:02

Instrument :
 BNA_F
 ClientSampleId :
 EP-15

Tot Ion:244 Resp: 2808999

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.9	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BF117822.D
 Acq: 16 Nov 2019 00:02

Tgt Ion:264 Resp: 719743

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	21.4	17.1	25.7

