

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117501.D
 Acq On : 23 Oct 2019 23:24
 Operator : JU
 Sample : K5497-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 169-90-(0-1.2)

Quant Time: Oct 24 09:11:38 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

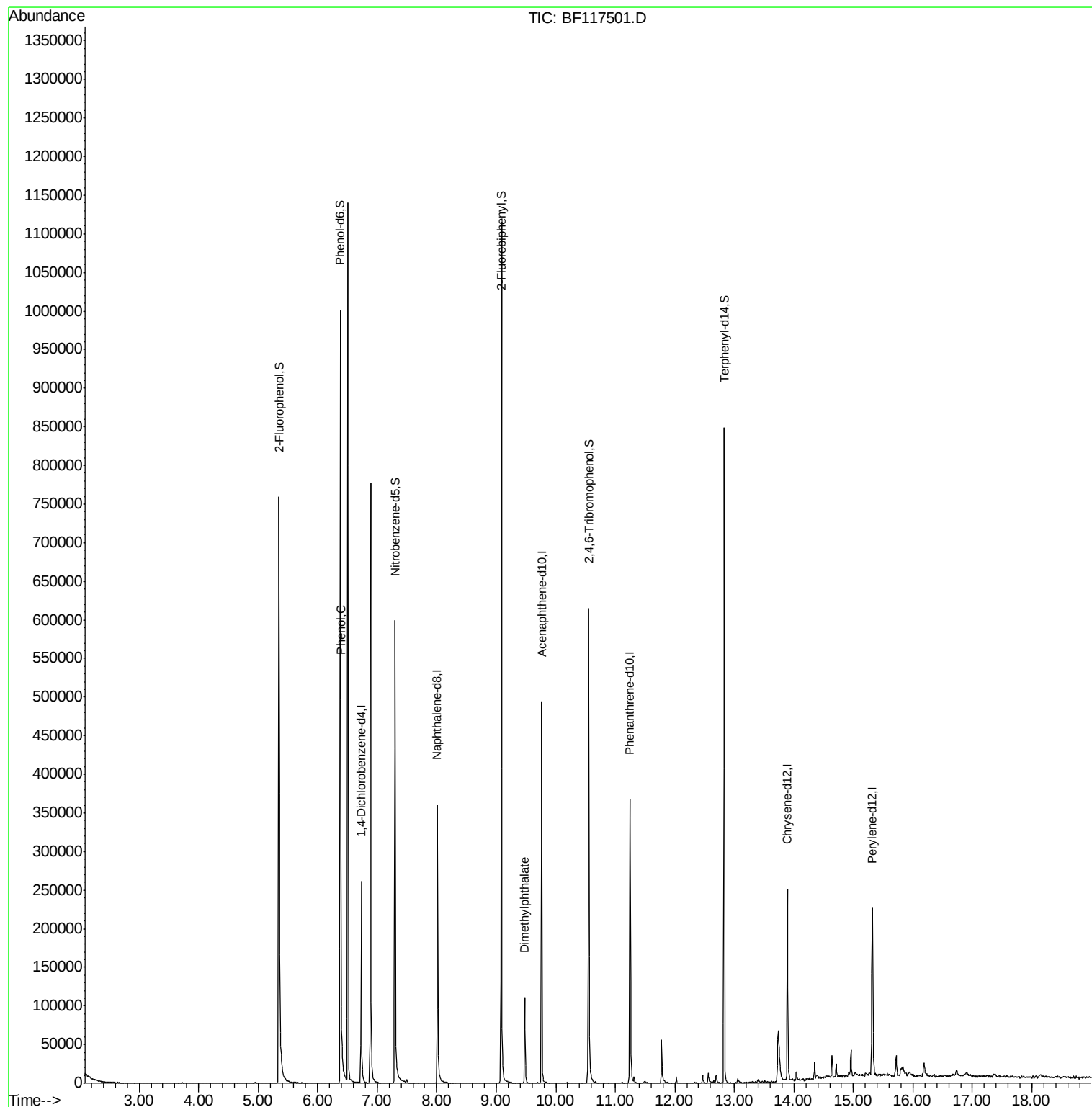
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	46766	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	188404	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	95592	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	154665	20.00	ng	0.00
76) Chrysene-d12	13.89	240	92961	20.00	ng	0.00
87) Perylene-d12	15.32	264	97284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	269845	85.84	ng	0.00
7) Phenol-d6	6.38	99	370914	87.85	ng	0.00
23) Nitrobenzene-d5	7.30	82	226702	59.40	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	71641	86.62	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	322535	47.54	ng	0.00
79) Terphenyl-d14	12.83	244	255192	44.78	ng	0.00
Target Compounds						
10) Phenol	6.39	94	10172	2.361	ng	95
50) Dimethylphthalate	9.48	163	46056	6.758	ng	99

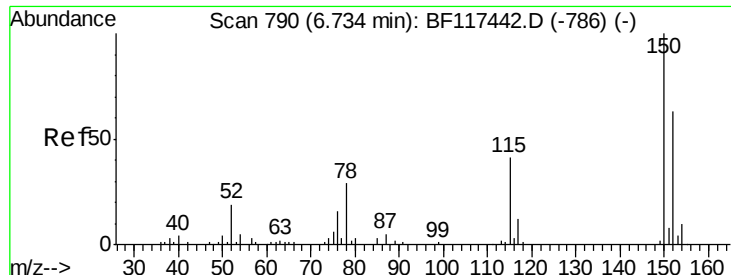
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117501.D
Acq On : 23 Oct 2019 23:24
Operator : JU
Sample : K5497-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
169-90-(0-1.2)

Quant Time: Oct 24 09:11:38 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

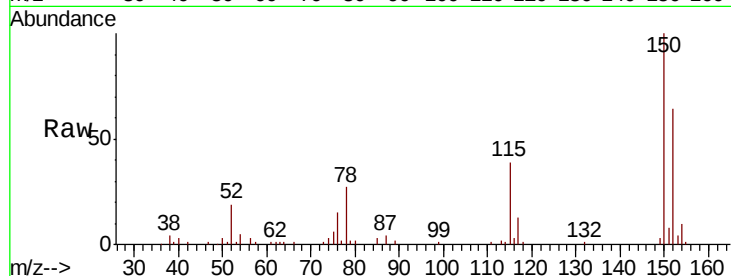




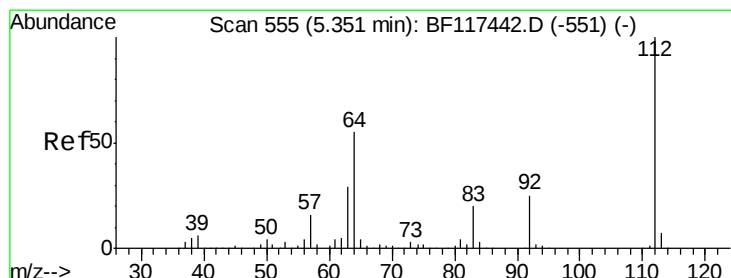
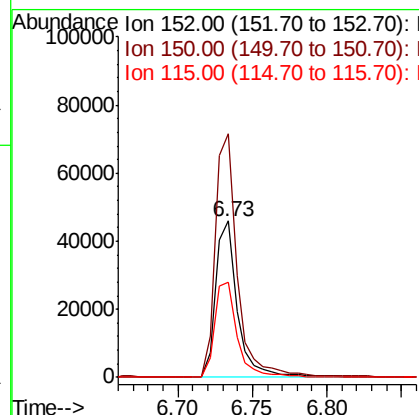
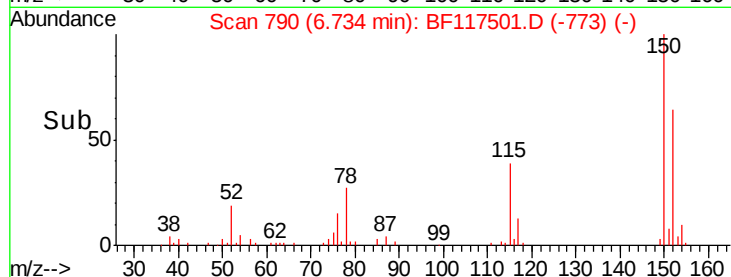
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF117501.D
 Acq: 23 Oct 2019 23:24

Instrument :
 BNA_F
 ClientSampleId :
 169-90-(0-1.2)

Tot Ion:152 Resp: 46766
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.8 190.2
 115 60.9 51.6 77.4

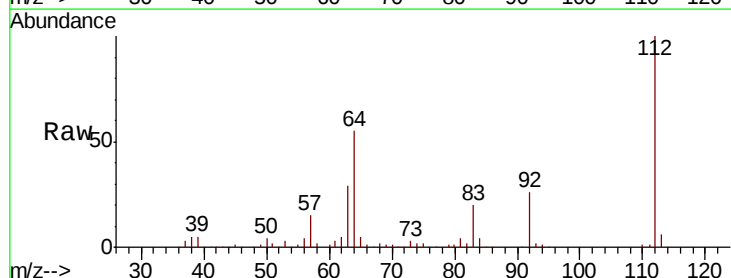


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

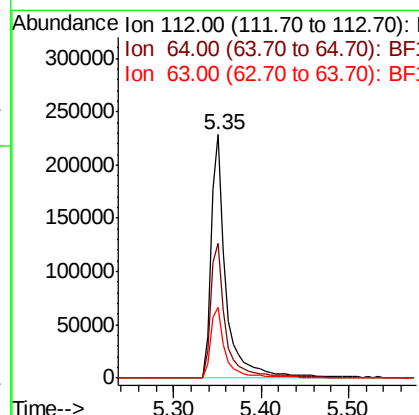
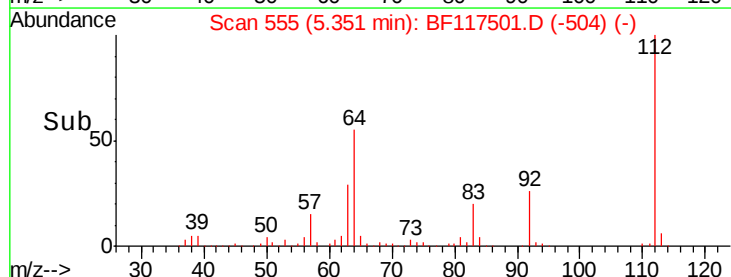


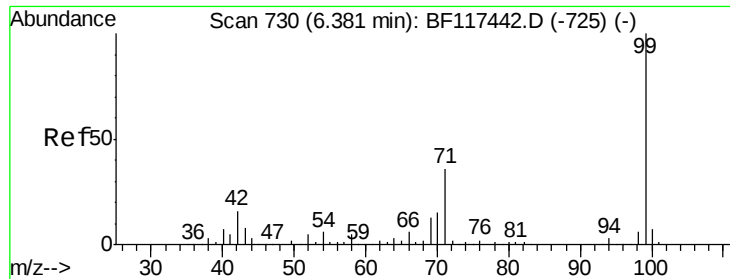
#5
 2-Fluorophenol
 Concen: 85.842 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF117501.D
 Acq: 23 Oct 2019 23:24

Tgt Ion:112 Resp: 269845
 Ion Ratio Lower Upper
 112 100
 64 55.4 44.1 66.1
 63 29.3 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: 87.851 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117501.D

Acq: 23 Oct 2019 23:24

Instrument :

BNA_F

ClientSampleId :

169-90-(0-1.2)

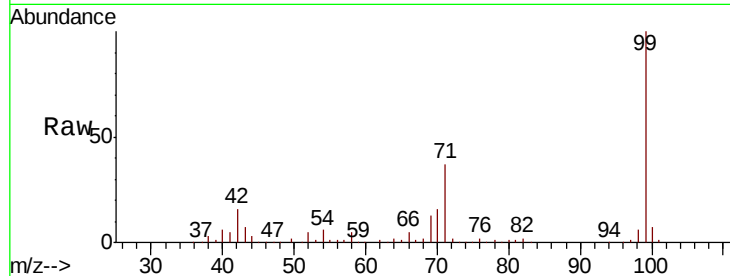
Tot Ion: 99 Resp: 370914

Ion Ratio Lower Upper

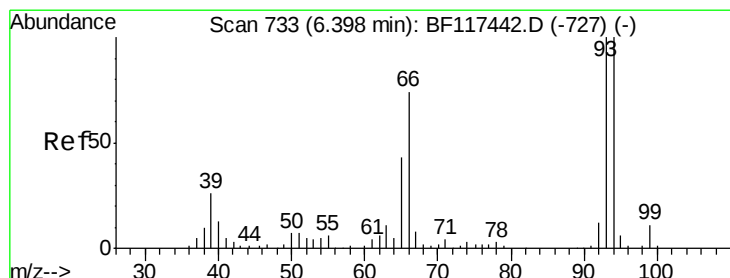
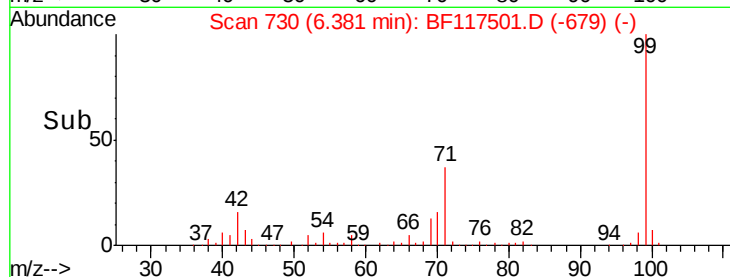
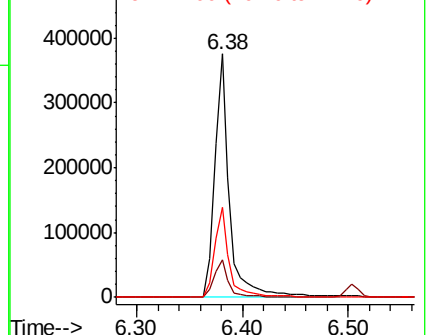
99 100

42 15.5 12.8 19.2

71 36.9 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: 2.361 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117501.D

Acq: 23 Oct 2019 23:24

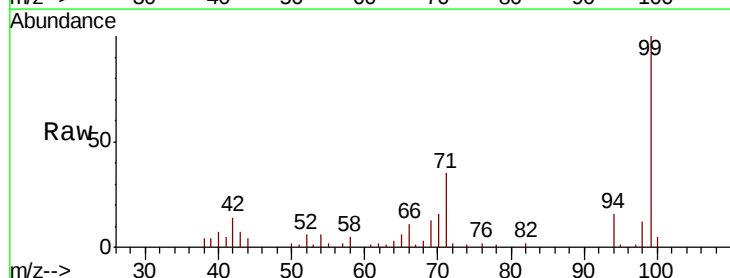
Tgt Ion: 94 Resp: 10172

Ion Ratio Lower Upper

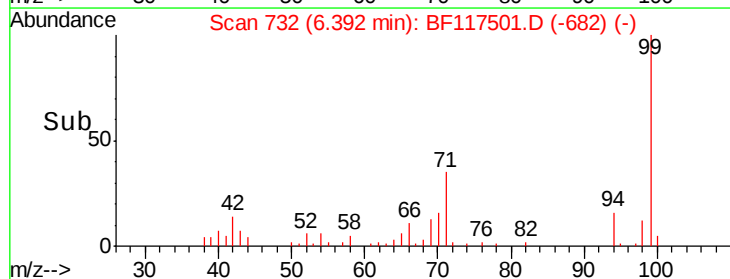
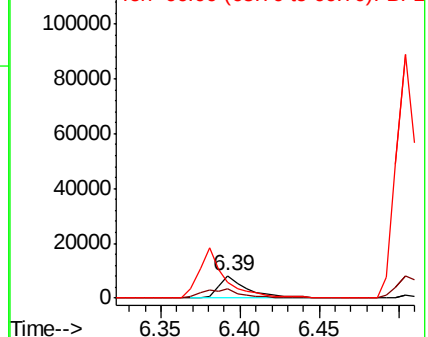
94 100

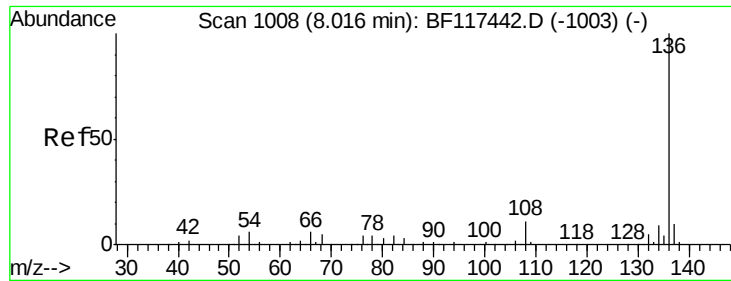
65 40.7 23.4 63.4

66 69.6 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

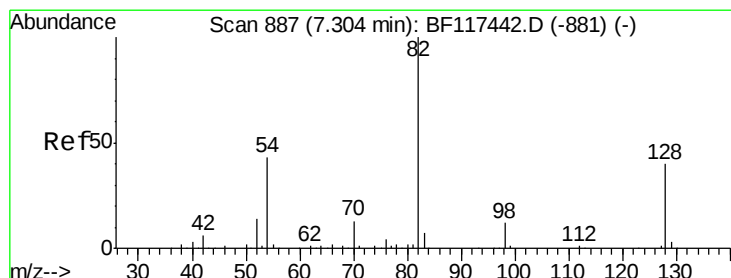
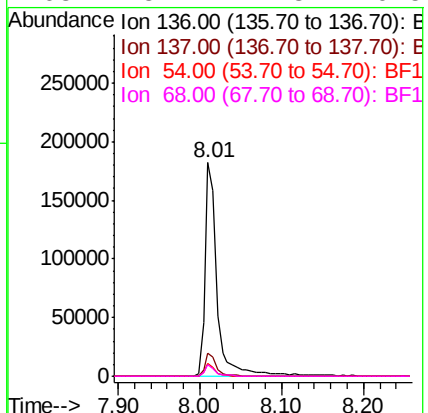
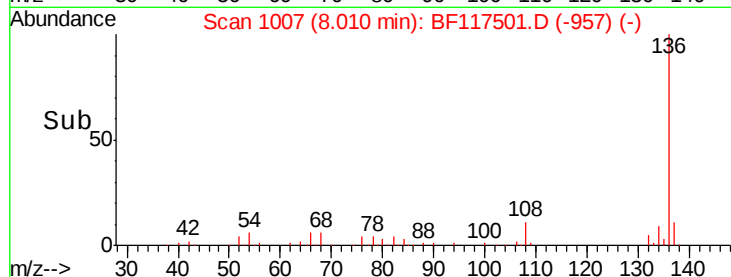
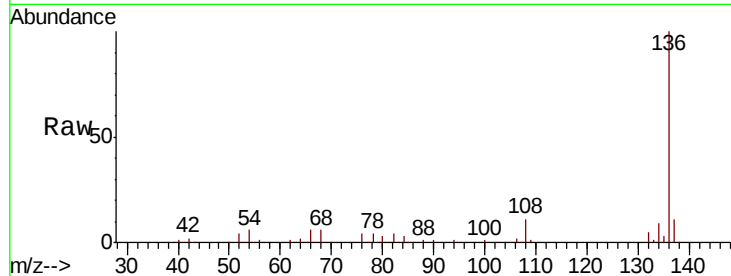




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117501.D
Acq: 23 Oct 2019 23:24

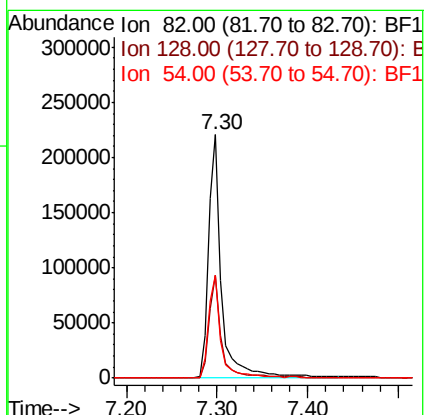
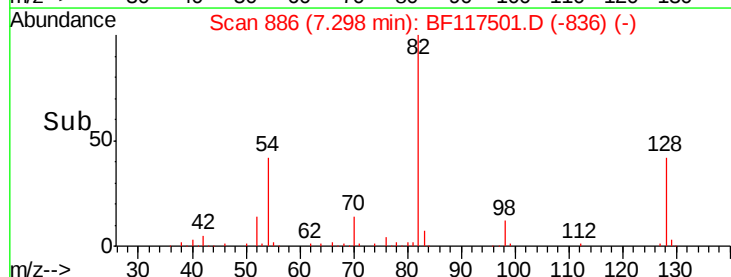
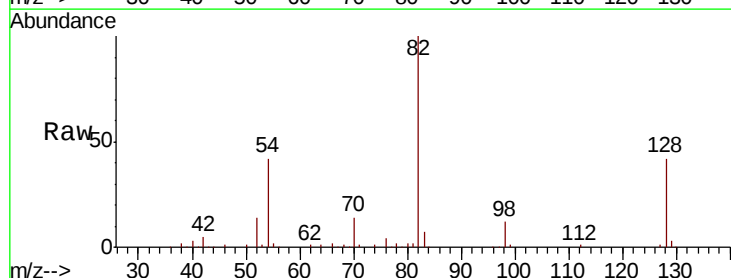
Instrument :
BNA_F
ClientSampleId :
169-90-(0-1.2)

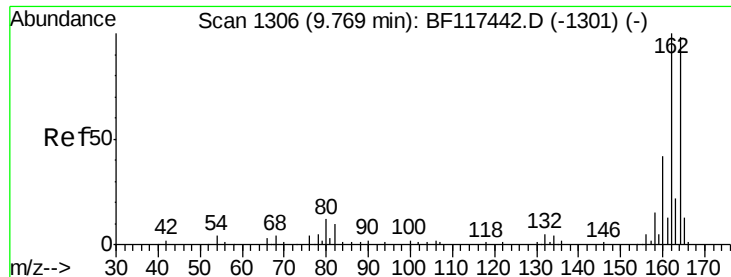
Tot Ion:136 Resp: 188404
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 6.0 4.5 6.7
68 5.7 4.3 6.5



#23
Nitrobenzene-d5
Concen: 59.403 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117501.D
Acq: 23 Oct 2019 23:24

Tgt Ion: 82 Resp: 226702
Ion Ratio Lower Upper
82 100
128 42.3 32.2 48.2
54 42.2 34.2 51.2

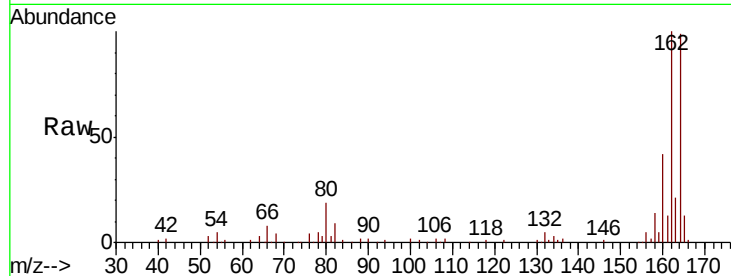




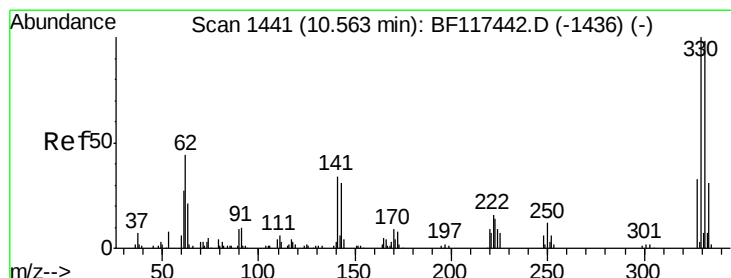
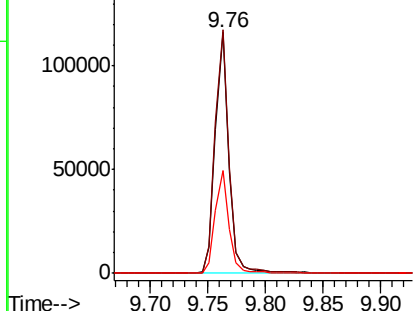
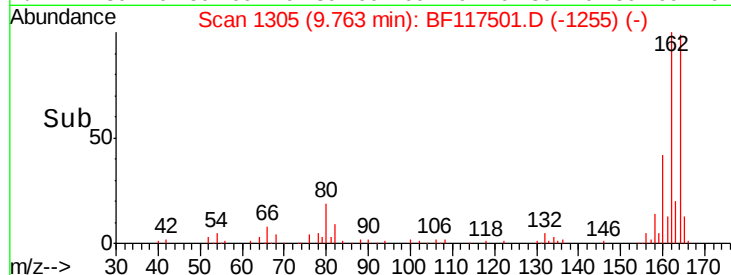
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117501.D
Acq: 23 Oct 2019 23:24

Instrument :
BNA_F
ClientSampleId :
169-90-(0-1.2)

Tot Ion:164 Resp: 95592
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 42.8 34.4 51.6

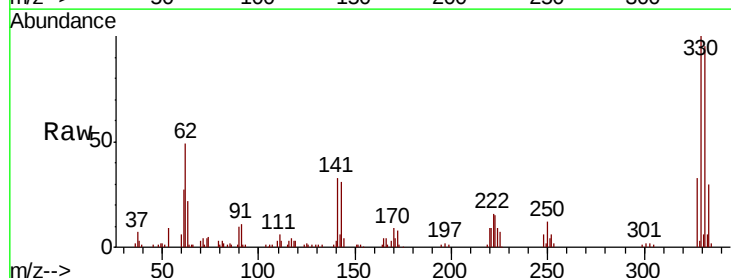


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

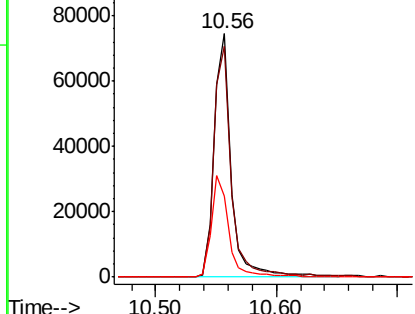
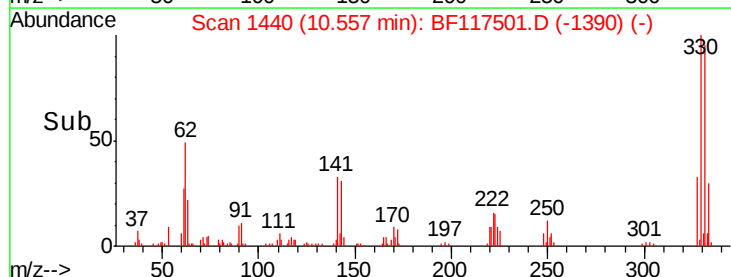


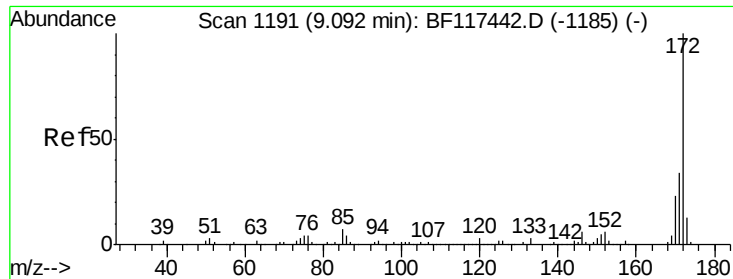
#42
2,4,6-Tribromophenol
Concen: 86.615 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117501.D
Acq: 23 Oct 2019 23:24

Tgt Ion:330 Resp: 71641
Ion Ratio Lower Upper
330 100
332 96.9 78.5 117.7
141 42.6 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

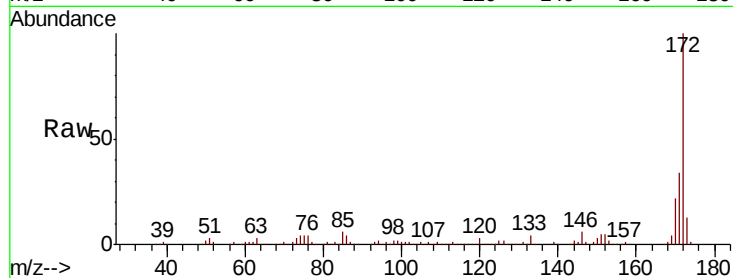




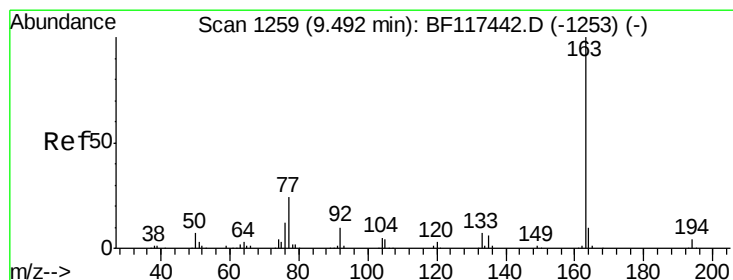
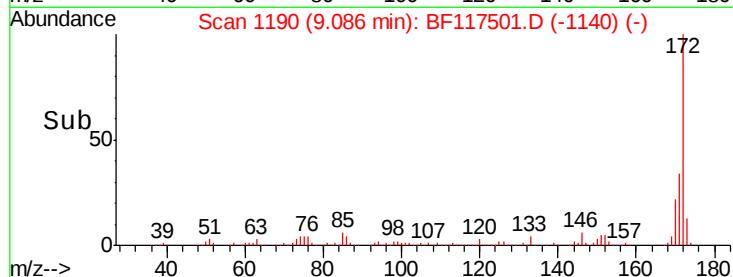
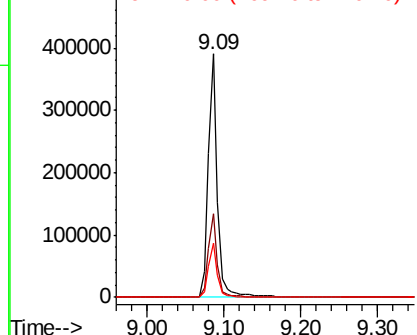
#45
2-Fluorobiphenyl
Concen: 47.540 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117501.D
Acq: 23 Oct 2019 23:24

Instrument :
BNA_F
ClientSampleId :
169-90-(0-1.2)

Tot Ion:172 Resp: 322535
Ion Ratio Lower Upper
172 100
171 34.2 27.5 41.3
170 22.2 18.6 27.8

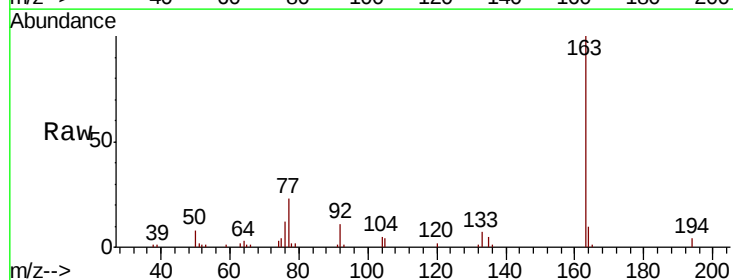


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

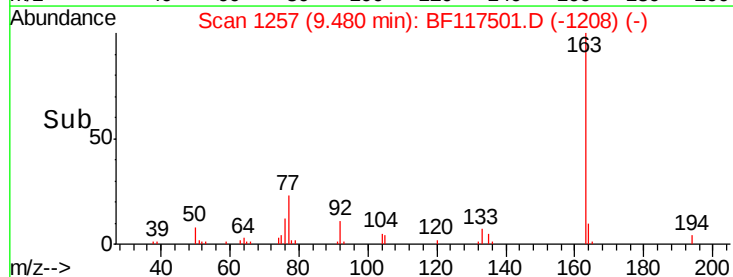
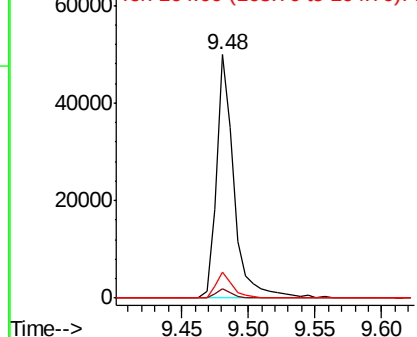


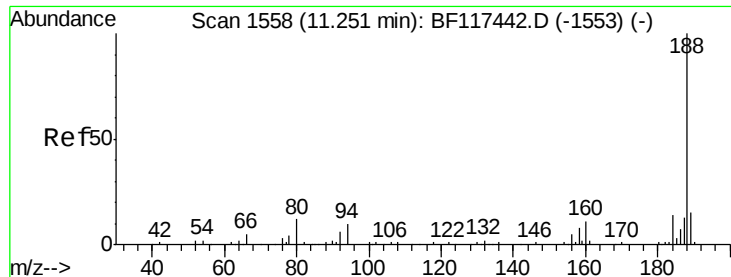
#50
Dimethylphthalate
Concen: 6.758 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117501.D
Acq: 23 Oct 2019 23:24

Tgt Ion:163 Resp: 46056
Ion Ratio Lower Upper
163 100
194 4.1 2.9 4.3
164 10.5 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: BF117501.D

Acq: 23 Oct 2019 23:24

Instrument :

BNA_F

ClientSampleId :

169-90-(0-1.2)

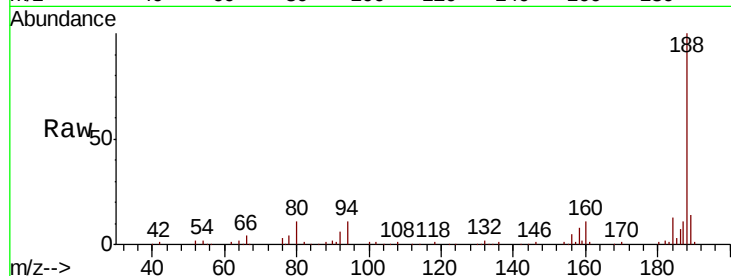
Tot Ion:188 Resp: 154665

Ion Ratio Lower Upper

188 100

94 10.9 8.0 12.0

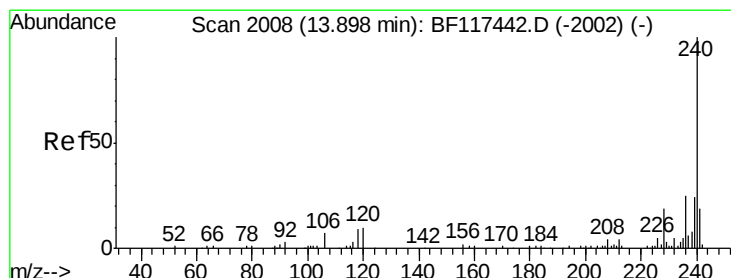
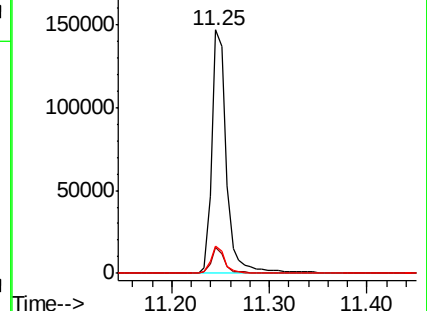
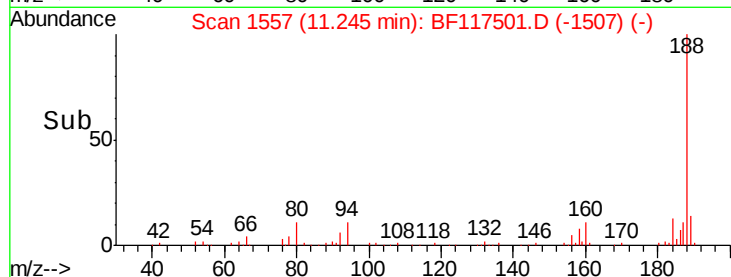
80 11.4 9.5 14.3



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: BF117501.D

Acq: 23 Oct 2019 23:24

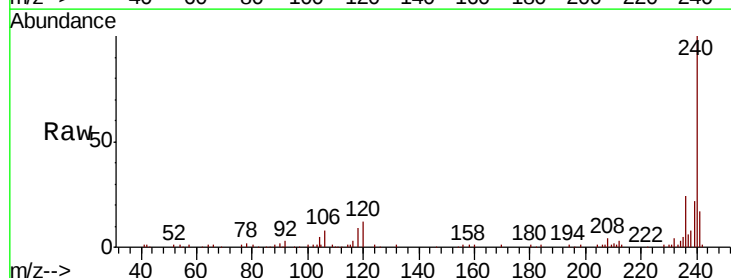
Tgt Ion:240 Resp: 92961

Ion Ratio Lower Upper

240 100

120 12.0 8.4 12.6

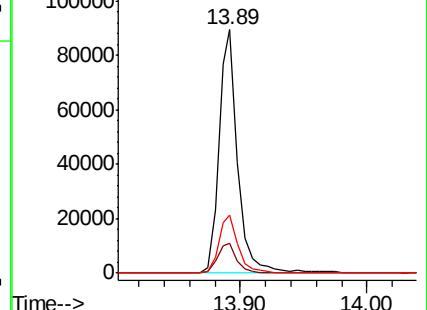
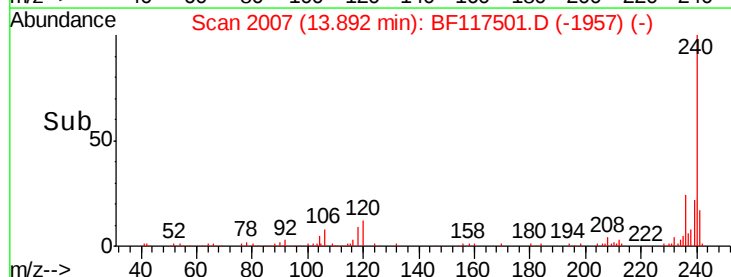
236 23.6 20.0 30.0

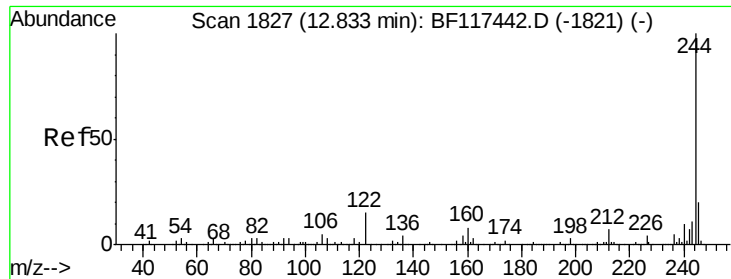


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

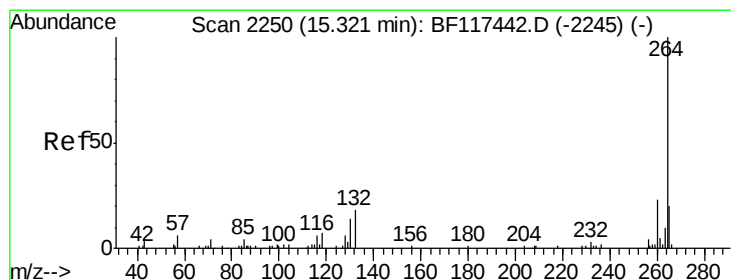
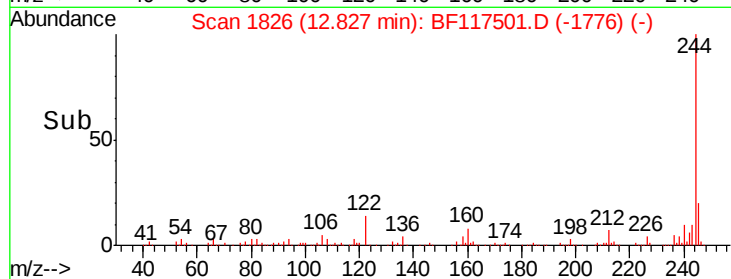
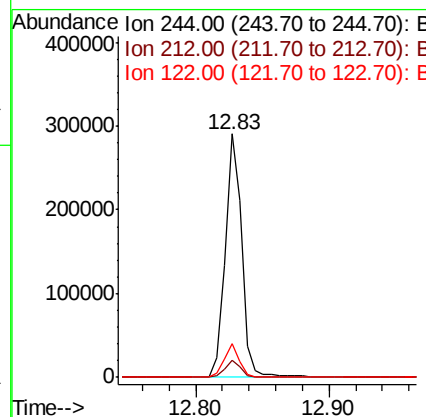
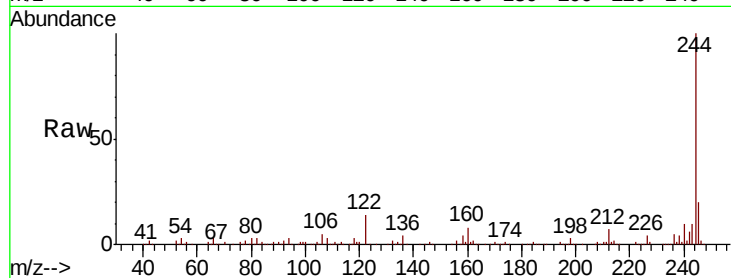




#79
 Terphenyl-d14
 Concen: 44.777 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117501.D
 Acq: 23 Oct 2019 23:24

Instrument :
 BNA_F
 ClientSampleId :
 169-90-(0-1.2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.6	11.8	17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF117501.D
 Acq: 23 Oct 2019 23:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.6	16.1	24.1

