

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
 Data File : BF117211.D
 Acq On : 23 Sep 2019 18:06
 Operator : HP/JU
 Sample : K4665-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-091919

Quant Time: Sep 24 12:29:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

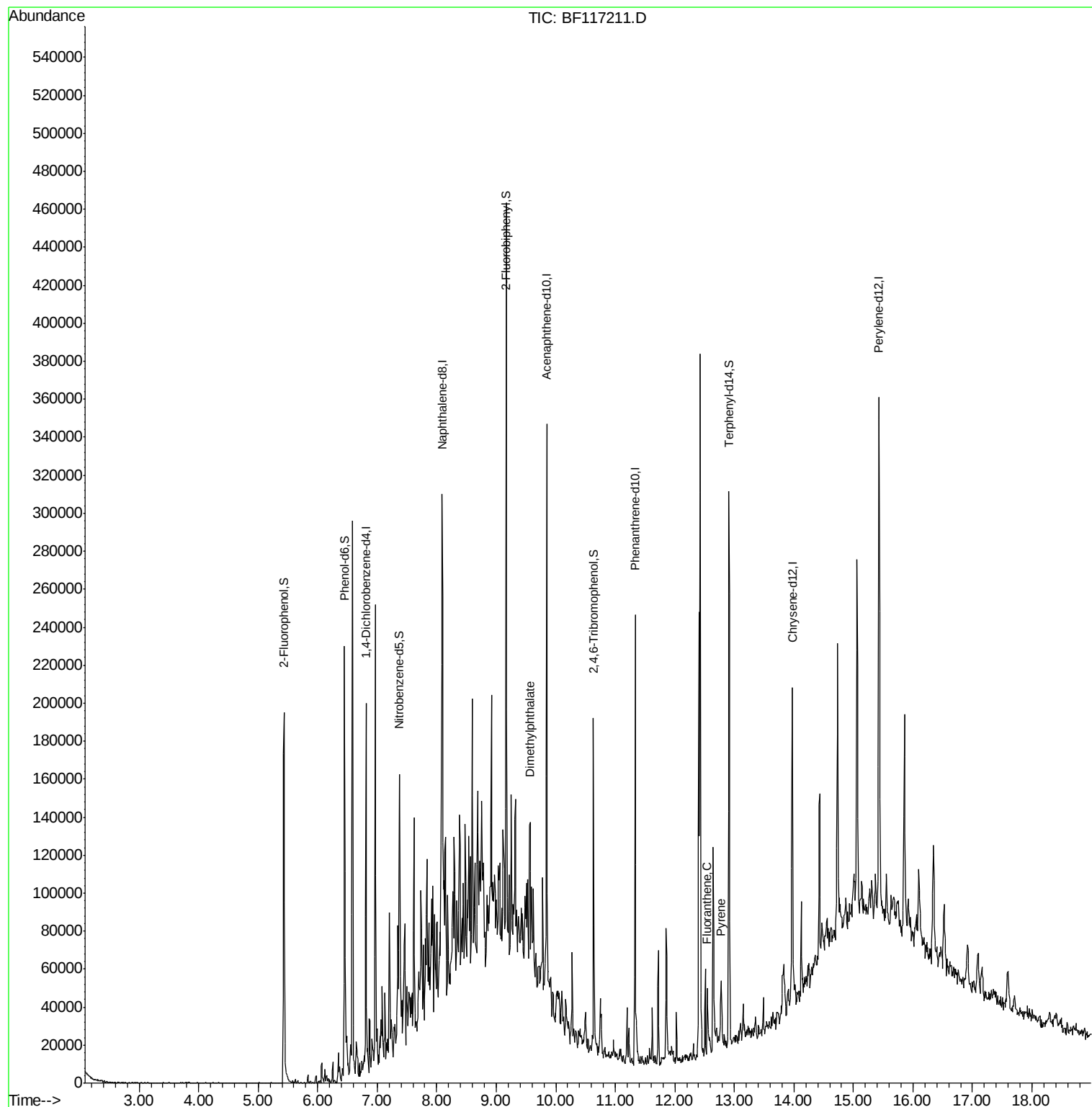
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	25230	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	105689	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	55310	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	82490	20.00	ng	0.00
76) Chrysene-d12	13.97	240	51424	20.00	ng	0.00
87) Perylene-d12	15.43	264	53602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	67523	41.78	ng	0.00
7) Phenol-d6	6.45	99	94069	45.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	52240	25.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	18297	39.58	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	108616	30.70	ng	0.00
79) Terphenyl-d14	12.91	244	86949	31.61	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	15274	3.900	ng	Qvalue # 93
75) Fluoranthene	12.55	202	13498	2.804	ng	97
78) Pyrene	12.77	202	13180	3.055	ng	97

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

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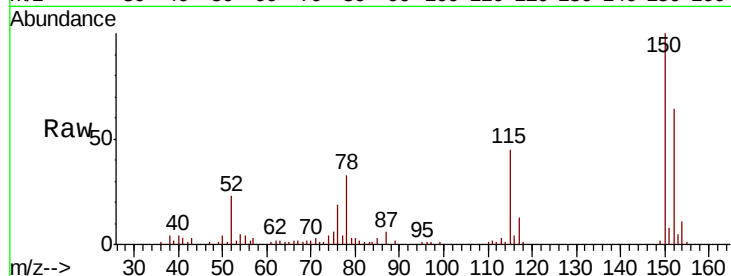


#1

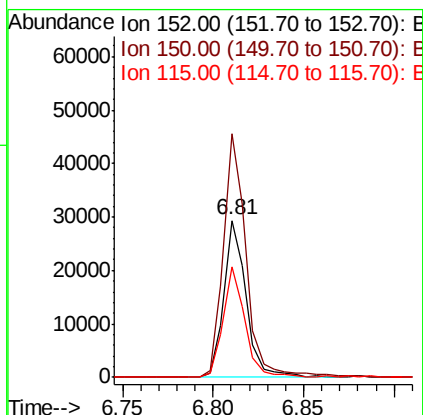
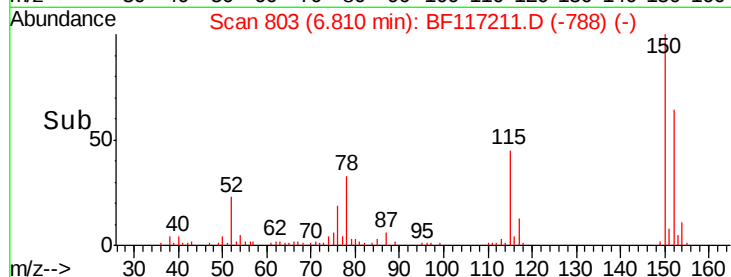
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117211.D
Acq: 23 Sep 2019 18:06

Instrument :
BNA_F
ClientSampleId :
EO-01-091919

Tot Ion:152 Resp: 25230
Ion Ratio Lower Upper
152 100
150 155.1 127.5 191.3
115 70.2 55.0 82.4



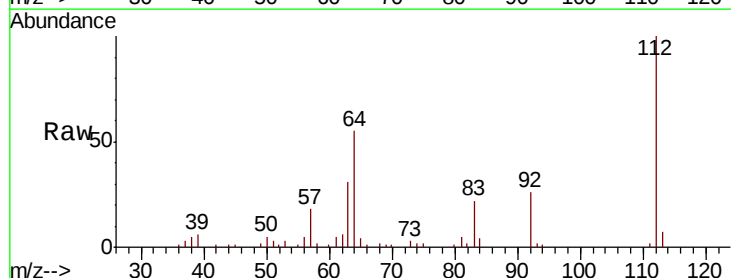
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



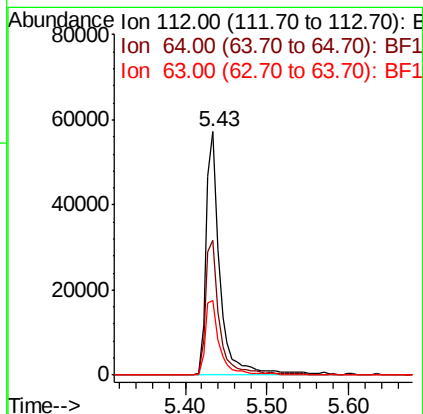
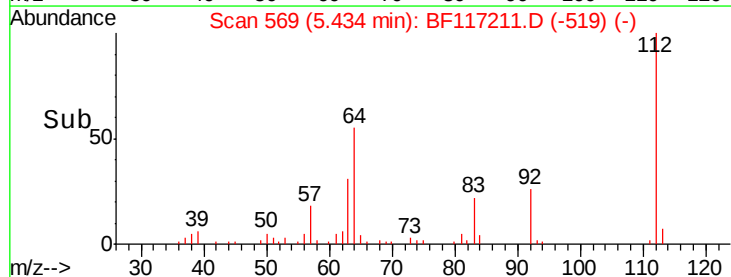
#5

2-Fluorophenol
Concen: 41.784 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117211.D
Acq: 23 Sep 2019 18:06

Tgt Ion:112 Resp: 67523
Ion Ratio Lower Upper
112 100
64 55.4 45.7 68.5
63 30.5 24.9 37.3



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: 45.042 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117211.D

Acq: 23 Sep 2019 18:06

Instrument :

BNA_F

ClientSampleId :

EO-01-091919

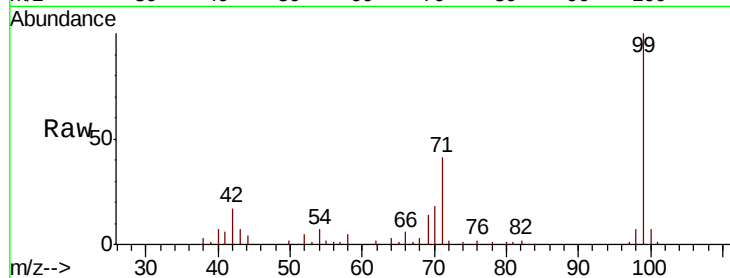
Tot Ion: 99 Resp: 94069

Ion Ratio Lower Upper

99 100

42 16.7 12.2 18.2

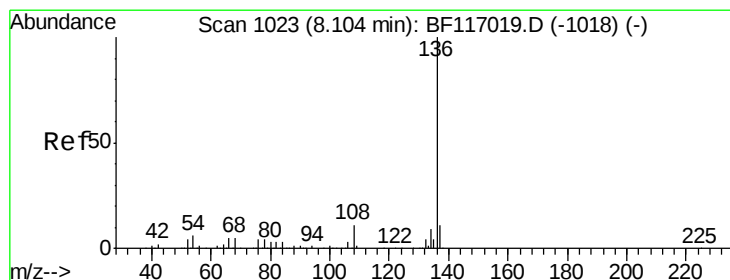
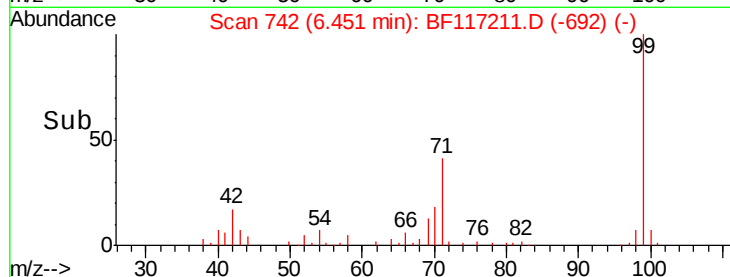
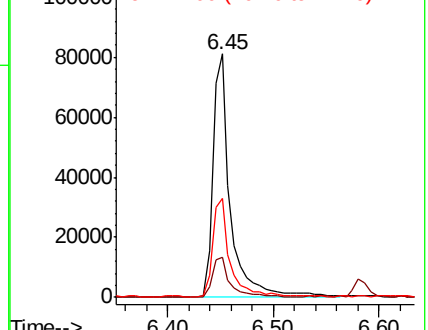
71 40.8 29.8 44.8



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117211.D

Acq: 23 Sep 2019 18:06

Tgt Ion: 136 Resp: 105689

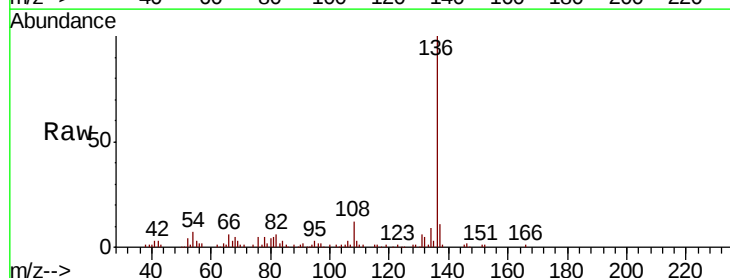
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 6.8 4.5 6.7#

68 5.3 4.0 6.0

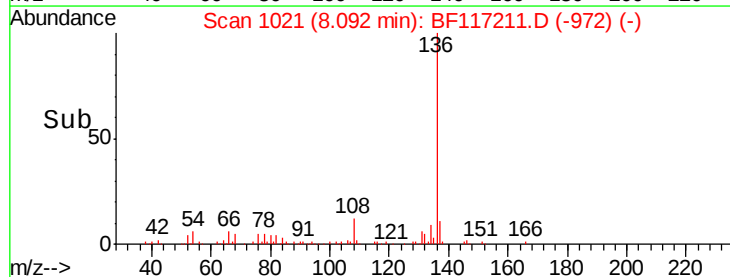
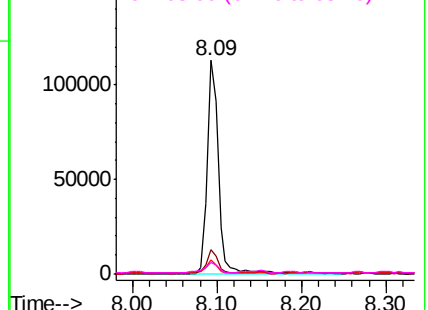


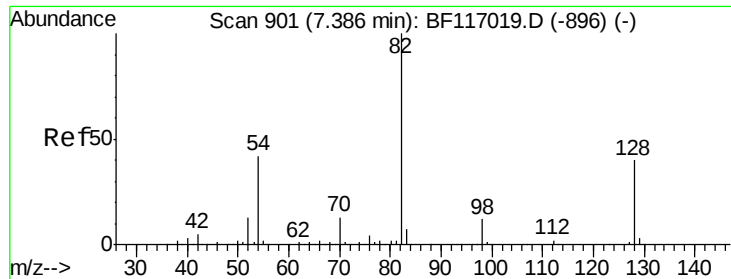
Abundance Ion 136.00 (135.70 to 136.70): E

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

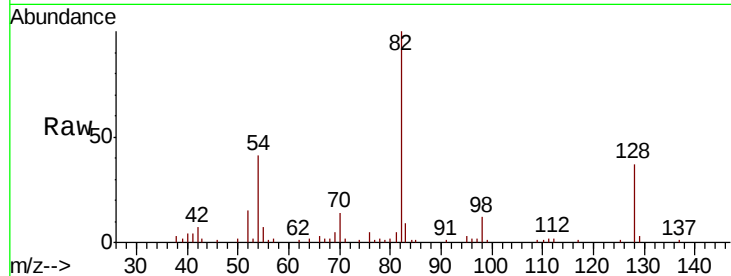




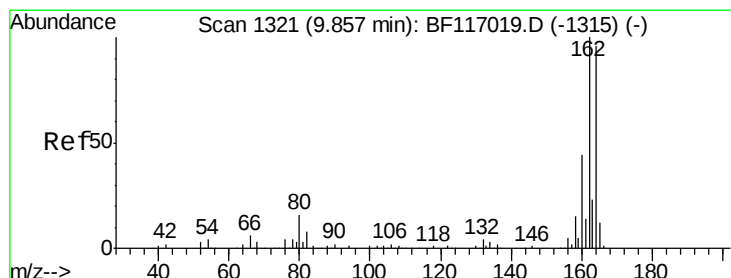
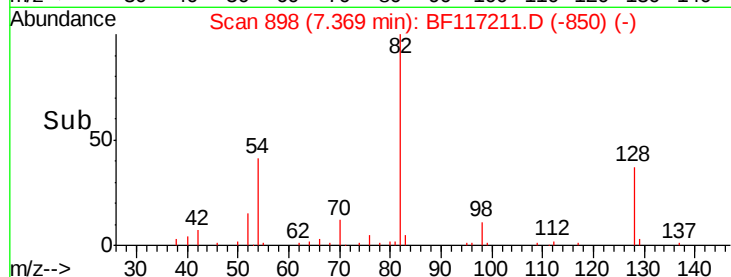
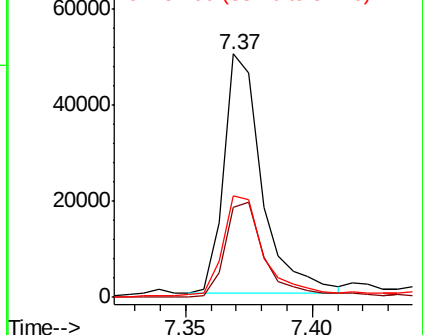
#23
 Nitrobenzene-d5
 Concen: 25.971 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117211.D
 Acq: 23 Sep 2019 18:06

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-091919

Tot Ion	82	Resp	52240
Ion Ratio	Lower	Upper	
82	100		
128	36.7	32.3	48.5
54	41.5	33.3	49.9

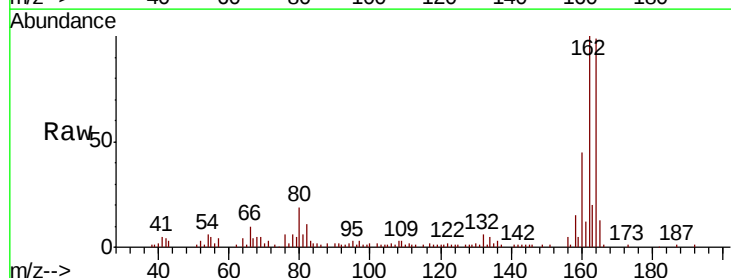


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

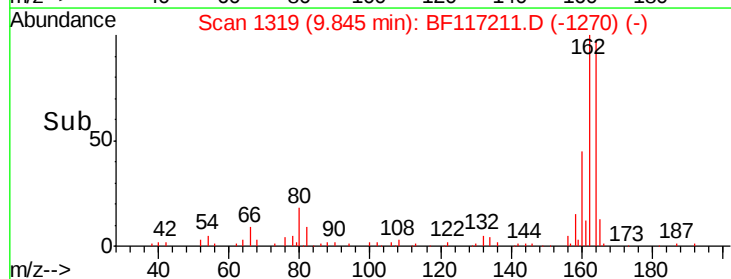
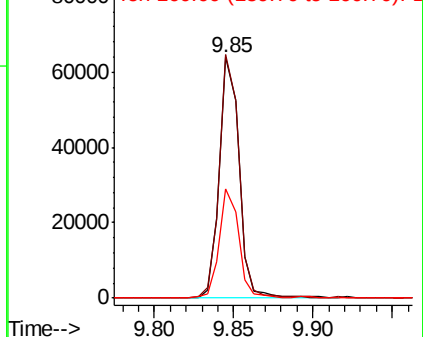


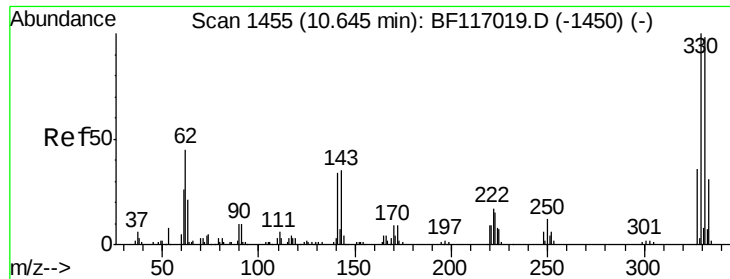
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117211.D
 Acq: 23 Sep 2019 18:06

Tgt Ion	164	Resp	55310
Ion Ratio	Lower	Upper	
164	100		
162	101.3	83.4	125.2
160	45.6	36.4	54.6



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

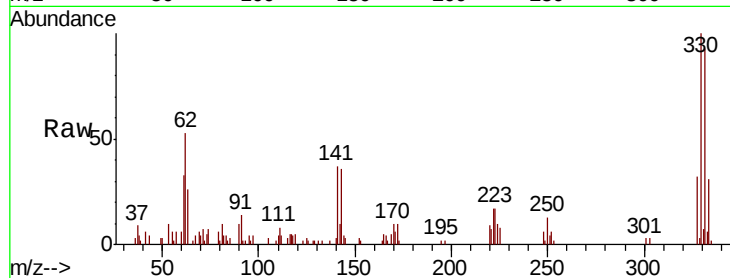




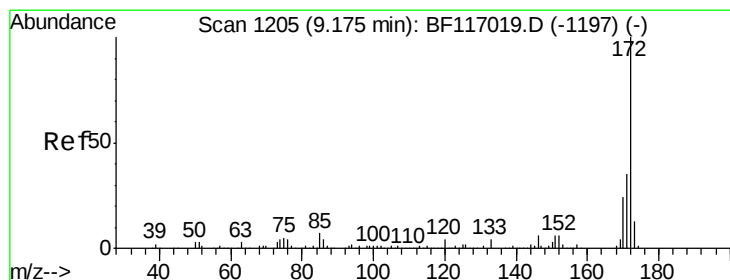
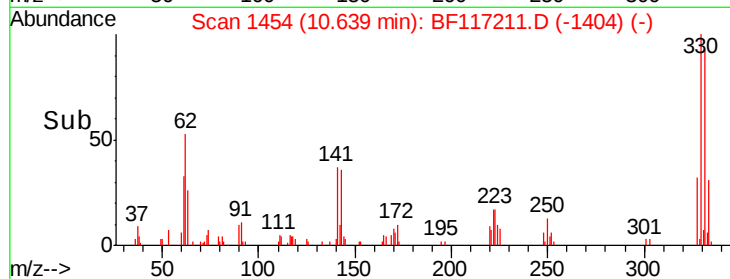
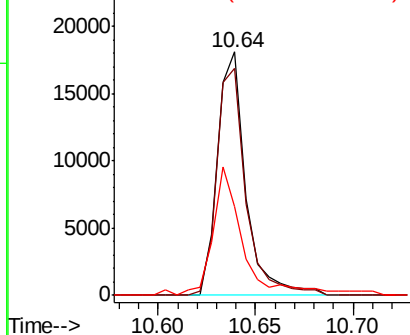
#42
 2,4,6-Tribromophenol
 Concen: 39.581 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117211.D
 Acq: 23 Sep 2019 18:06

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-091919

Tot Ion:330 Resp: 18297
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.0 117.0
 141 57.7 35.8 53.6#

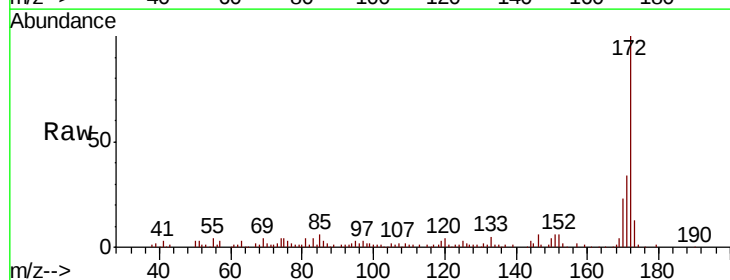


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

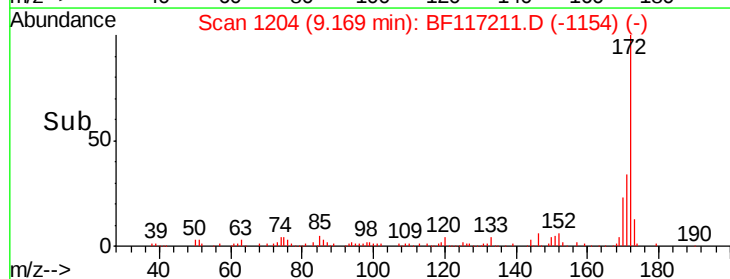
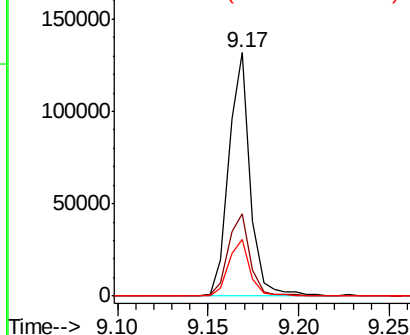


#45
 2-Fluorobiphenyl
 Concen: 30.705 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF117211.D
 Acq: 23 Sep 2019 18:06

Tgt Ion:172 Resp: 108616
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.2 42.2
 170 23.1 18.9 28.3



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

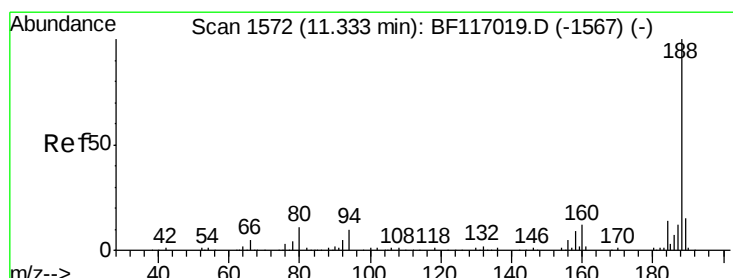
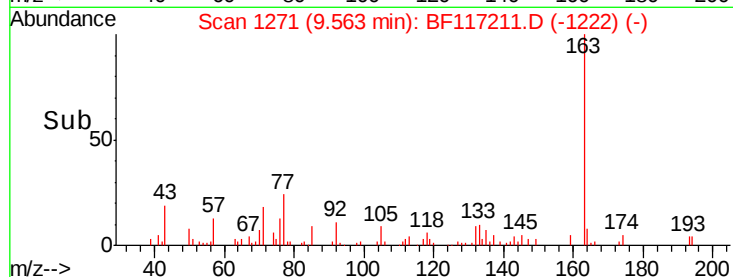
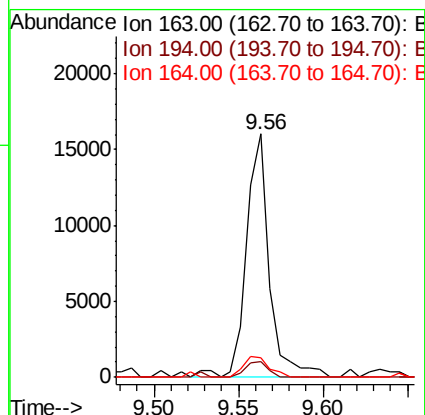
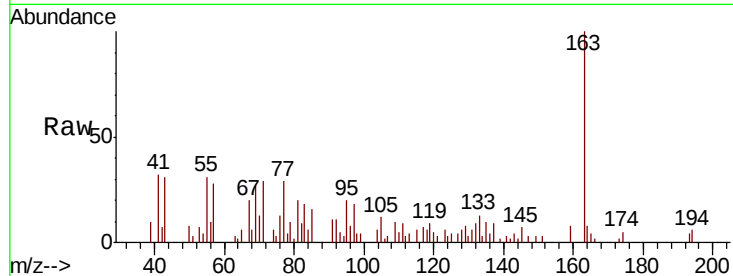




#50
Dimethylphthalate
Concen: 3.900 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117211.D
Acq: 23 Sep 2019 18:06

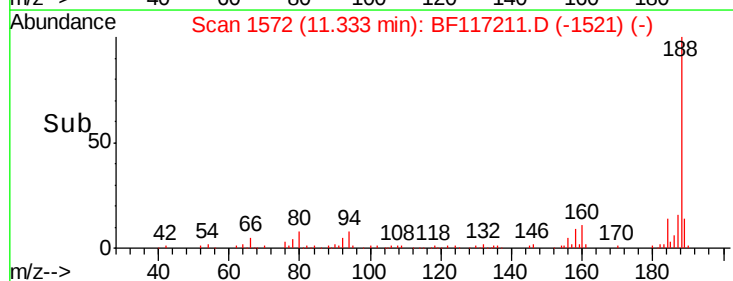
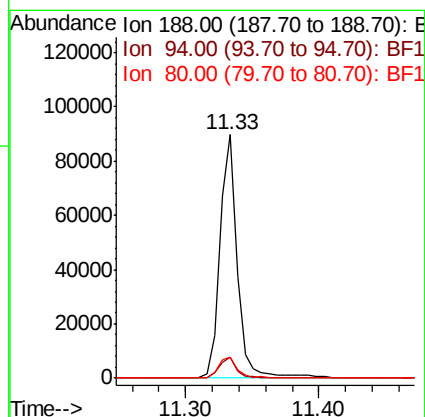
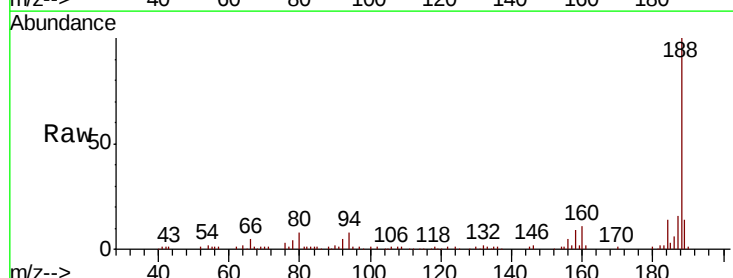
Instrument :
BNA_F
ClientSampleId :
EO-01-091919

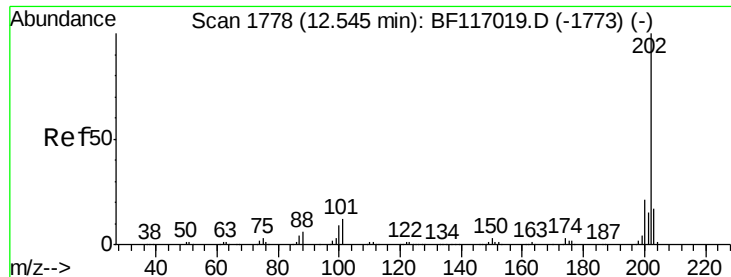
Tot Ion:163 Resp: 15274
Ion Ratio Lower Upper
163 100
194 6.4 2.9 4.3#
164 8.0 8.2 12.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117211.D
Acq: 23 Sep 2019 18:06

Tgt Ion:188 Resp: 82490
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 8.3 9.0 13.6#





#75

Fluoranthene

Concen: 2.804 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117211.D

Acq: 23 Sep 2019 18:06

Instrument :

BNA_F

ClientSampleId :

EO-01-091919

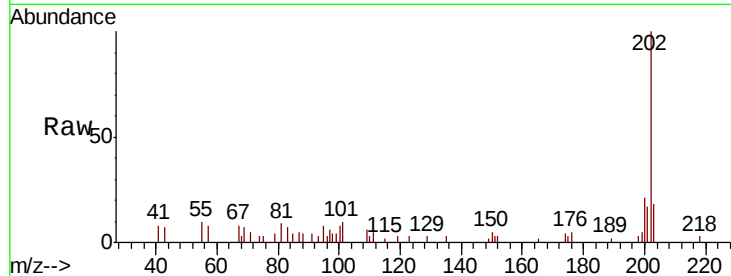
Tot Ion:202 Resp: 13498

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.3

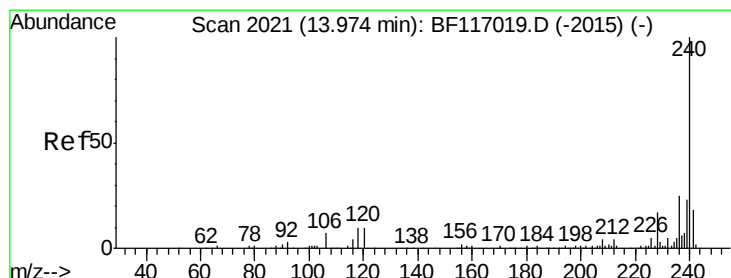
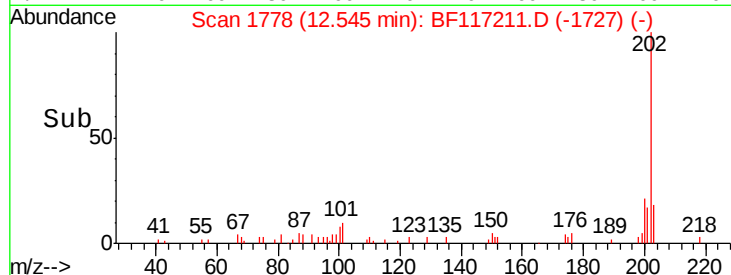
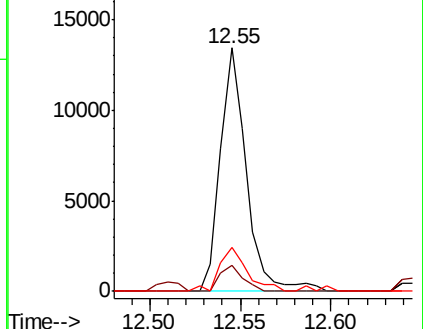
203 18.0 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF117211.D

Acq: 23 Sep 2019 18:06

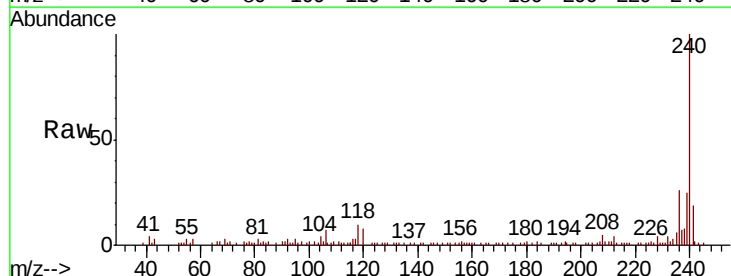
Tgt Ion:240 Resp: 51424

Ion Ratio Lower Upper

240 100

120 8.1 8.3 12.5#

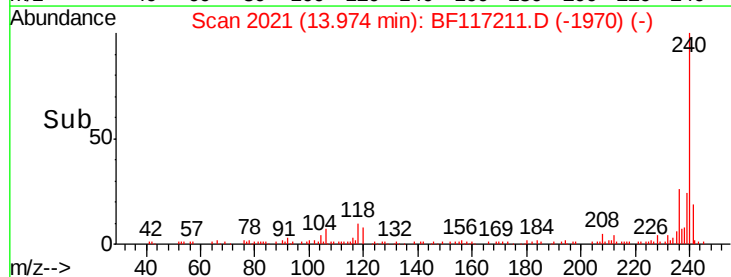
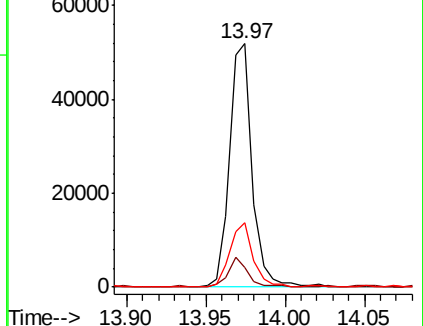
236 26.5 20.3 30.5

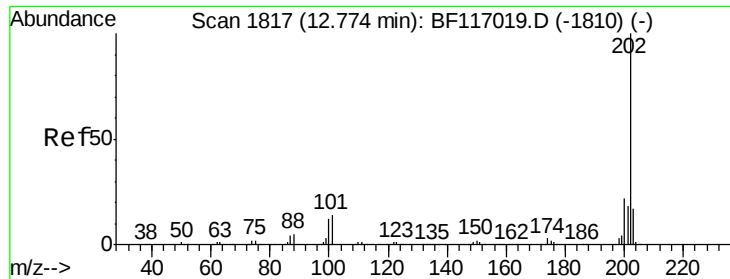


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

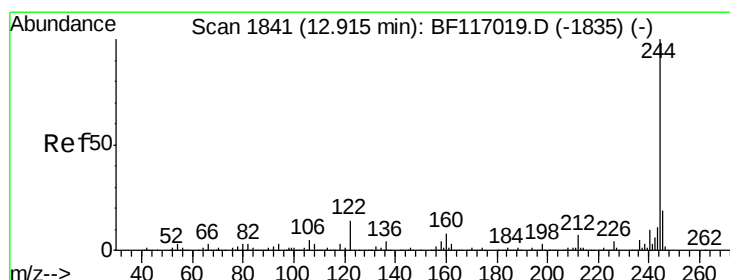
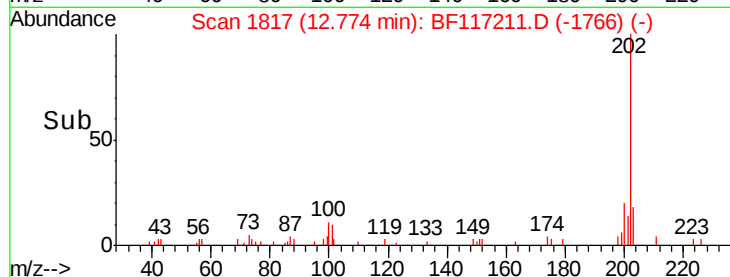
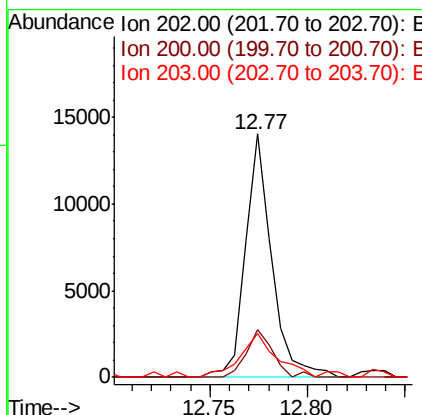
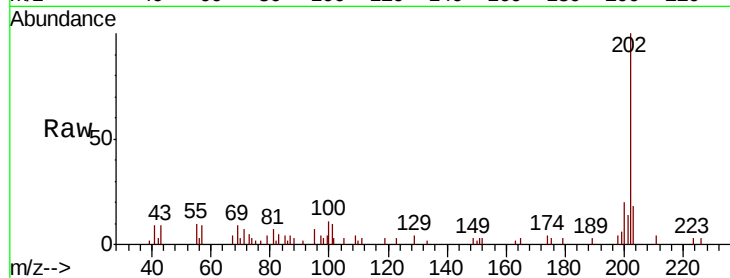




#78
Pvrene
Concen: 3.055 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117211.D
Acq: 23 Sep 2019 18:06

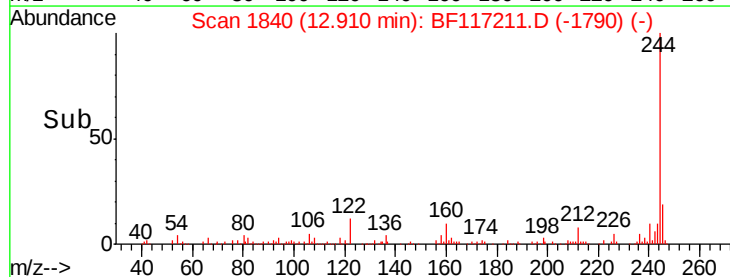
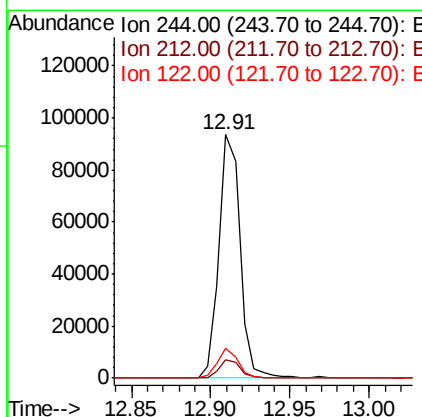
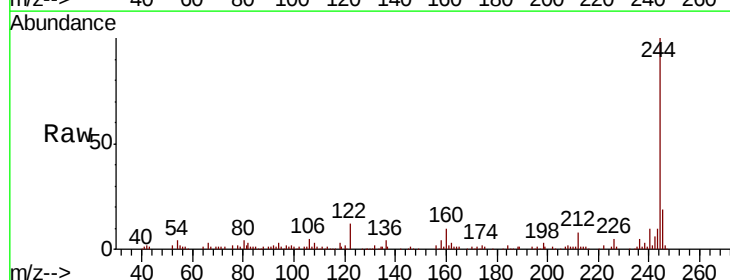
Instrument :
BNA_F
ClientSampleId :
EO-01-091919

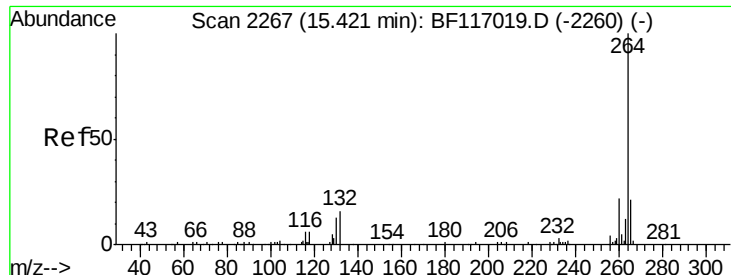
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.2	25.8
203	18.1	14.0	21.0



#79
Terphenyl-d14
Concen: 31.605 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117211.D
Acq: 23 Sep 2019 18:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	12.0	11.3	16.9

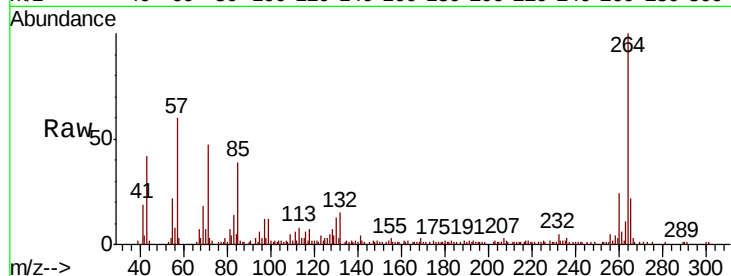




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF117211.D
 Acq: 23 Sep 2019 18:06

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-091919

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.6	26.4
265	22.3	16.6	24.8



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

