

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117114.D
 Acq On : 17 Sep 2019 18:38
 Operator : HP/JU
 Sample : K4524-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-013-IDWSO-20190823

Quant Time: Sep 18 03:52:10 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

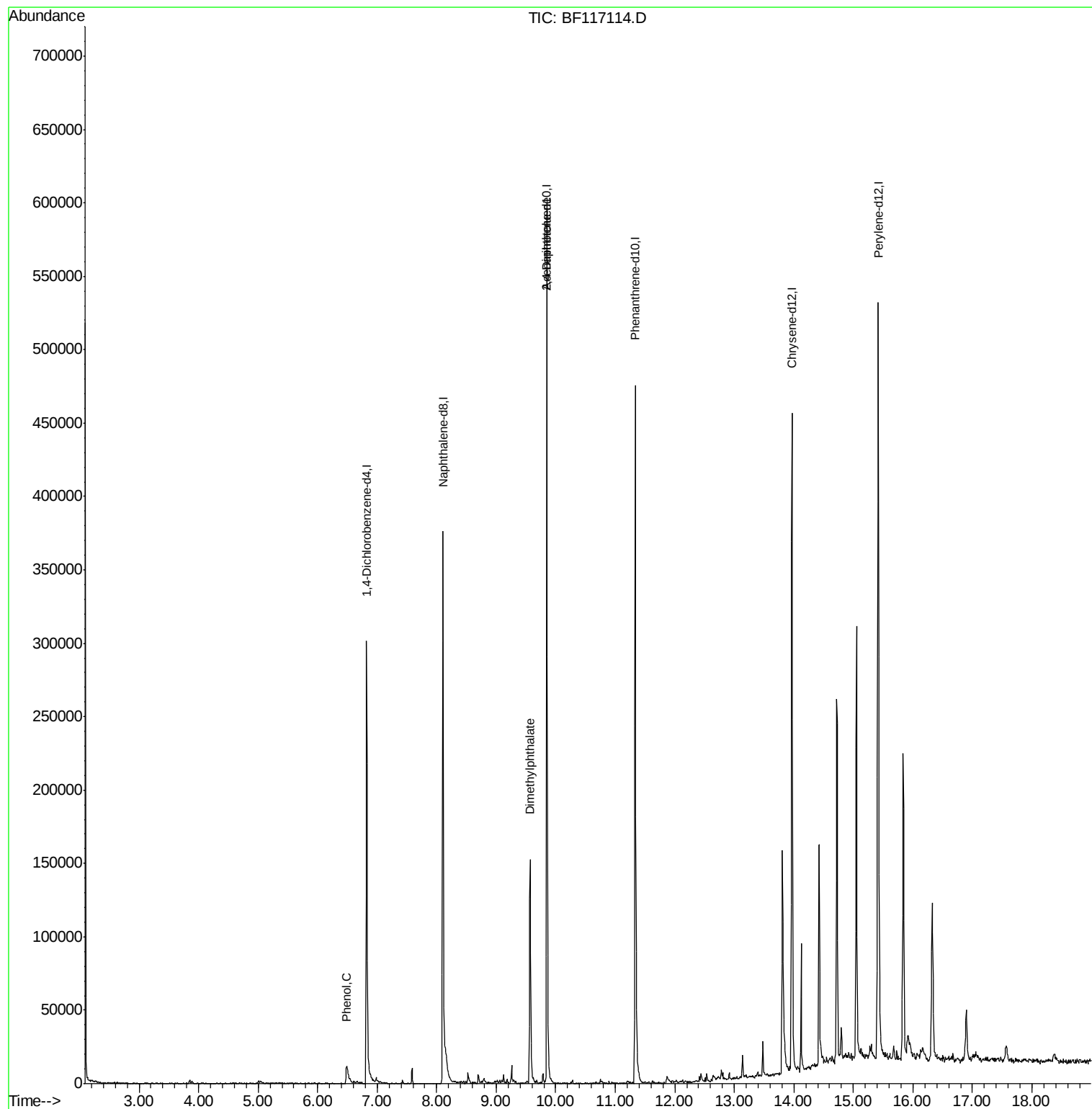
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	56368	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	256264	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	134881	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	228583	20.00	ng	0.00
76) Chrysene-d12	13.97	240	171124	20.00	ng	0.00
87) Perylene-d12	15.42	264	155284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.48	99	538	0.12	ng	0.02
23) Nitrobenzene-d5	7.40	82	388	0.08	ng	0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.18	172	2185	0.25	ng	0.00
79) Terphenyl-d14	12.92	244	2849	0.31	ng	0.00
Target Compounds						
10) Phenol	6.49	94	16875	3.281	ng	83
50) Dimethylphthalate	9.57	163	86951	9.105	ng	# 96
57) 2,4-Dinitrotoluene	9.85	165	17309	6.856	ng	# 19

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

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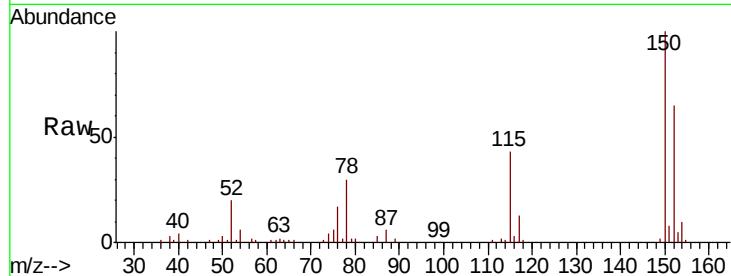


#1

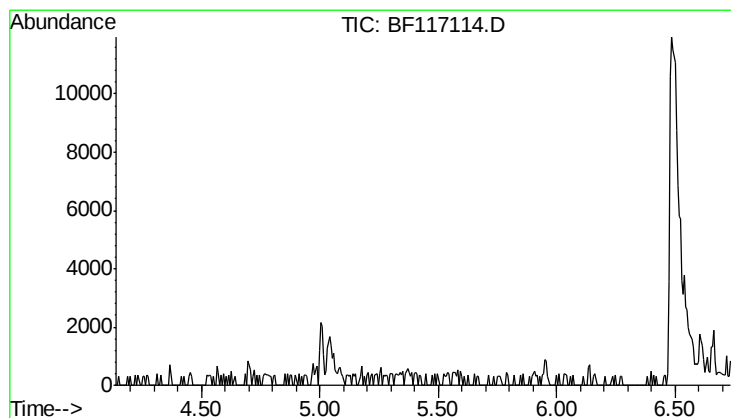
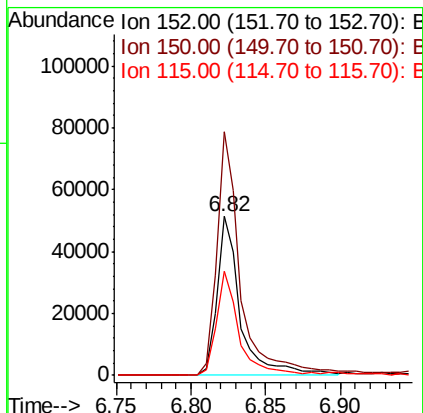
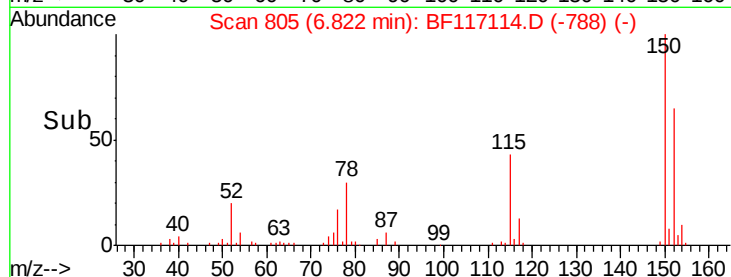
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117114.D
Acq: 17 Sep 2019 18:38

Instrument :
BNA_F
ClientSampleId :
TT-013-IDWSO-20190823

Tot Ion:152 Resp: 56368
Ion Ratio Lower Upper
152 100
150 153.4 127.5 191.3
115 65.5 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

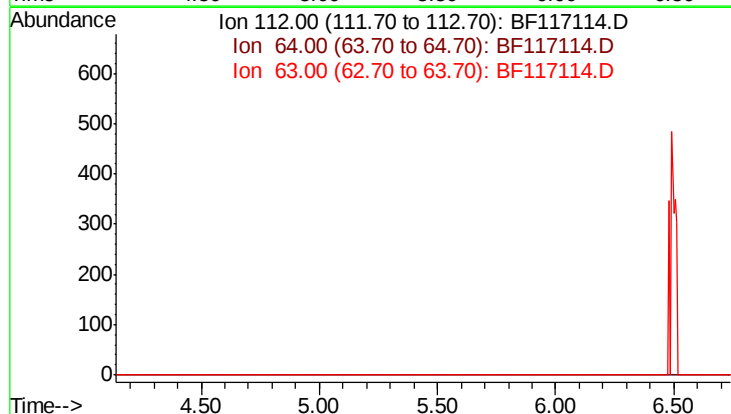


#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.44 min

Lab File: BF117114.D
Acq: 17 Sep 2019 18:38

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.1
63 31.1





#7

Phenol-d6

Concen: 0.115 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF117114.D

Acq: 17 Sep 2019 18:38

Instrument :

BNA_F

ClientSampleId :

TT-013-IDWSO-20190823

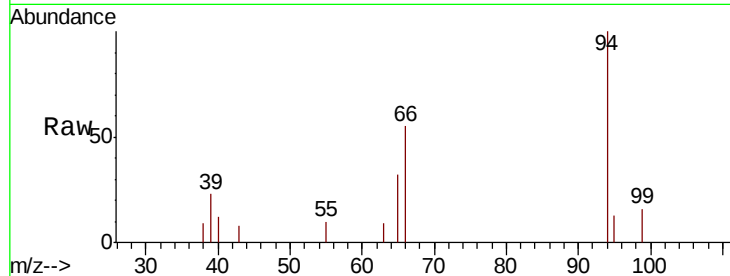
Tot Ion: 99 Resp: 538

Ion Ratio Lower Upper

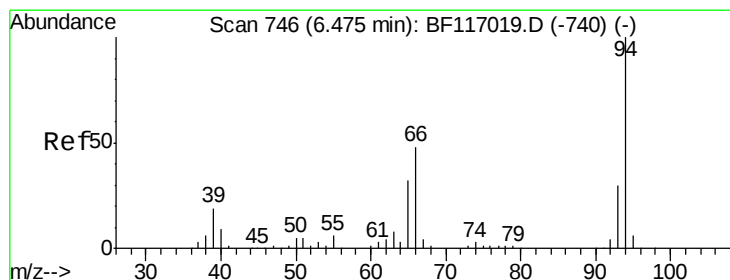
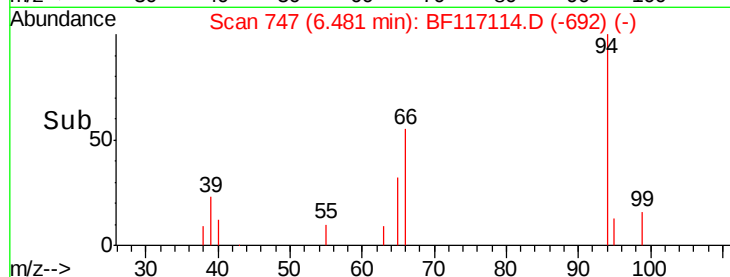
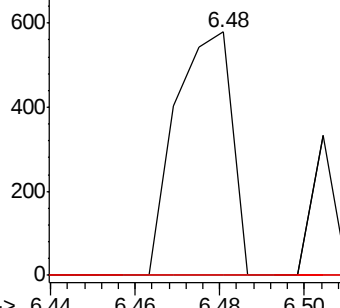
99 100

42 0.0 12.2 18.2#

71 0.0 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



#10

Phenol

Concen: 3.281 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF117114.D

Acq: 17 Sep 2019 18:38

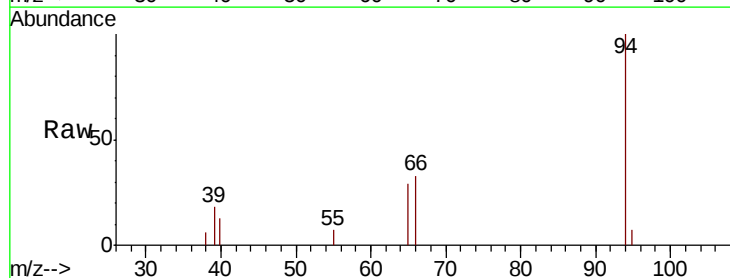
Tgt Ion: 94 Resp: 16875

Ion Ratio Lower Upper

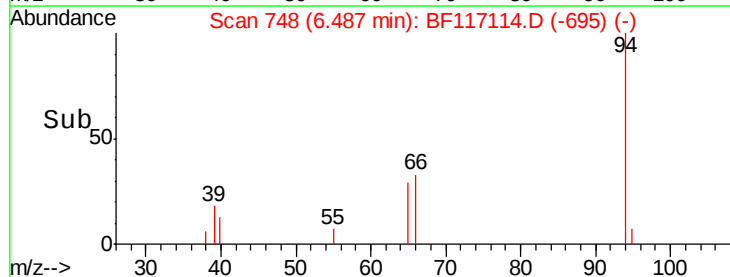
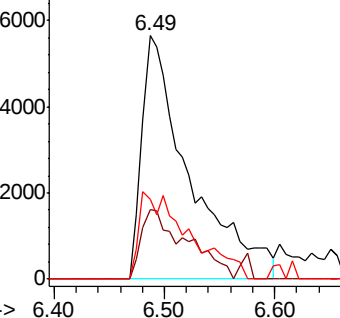
94 100

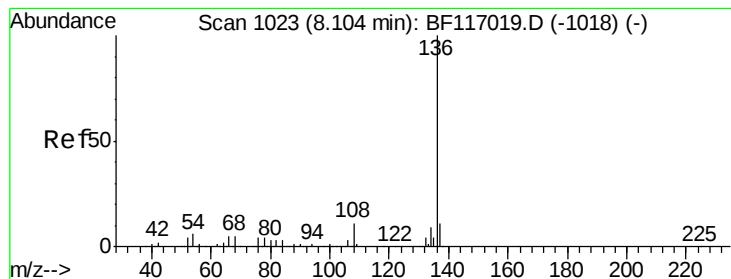
65 28.6 12.5 52.5

66 32.9 28.9 68.9



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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117114.D

Acq: 17 Sep 2019 18:38

Instrument :

BNA_F

ClientSampleId :

TT-013-IDWSO-20190823

Tot Ion:136 Resp: 256264

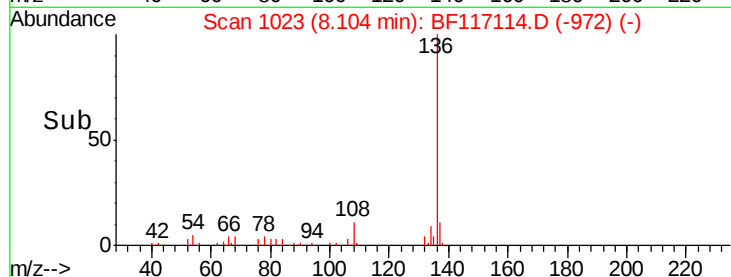
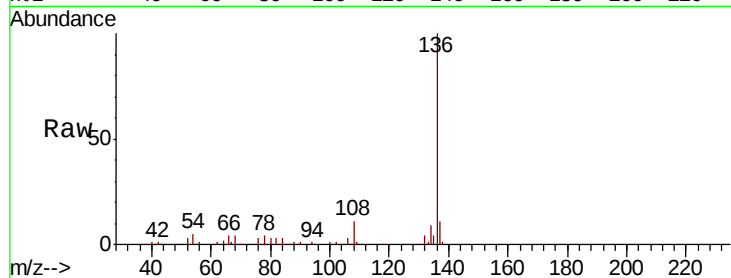
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.1 4.5 6.7

68 4.1 4.0 6.0

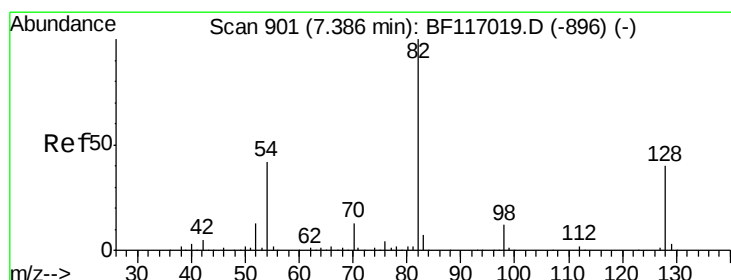
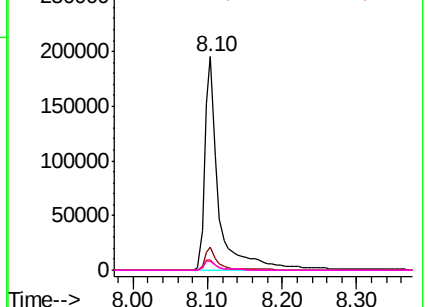


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.080 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF117114.D

Acq: 17 Sep 2019 18:38

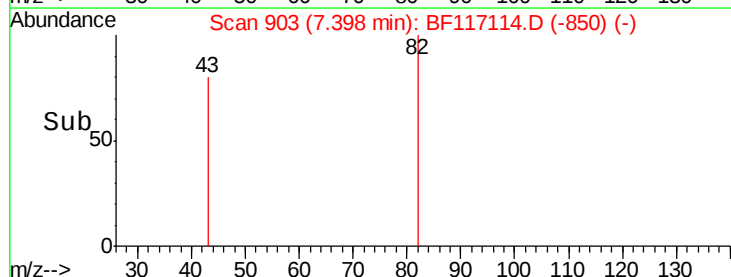
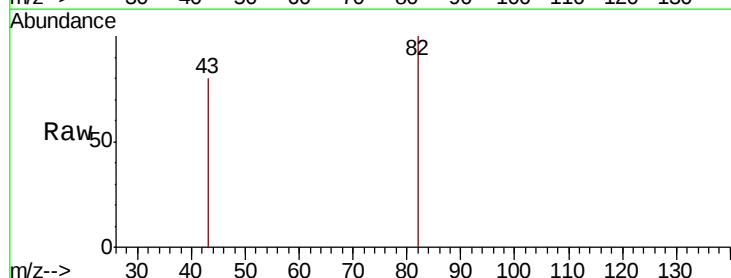
Tgt Ion: 82 Resp: 388

Ion Ratio Lower Upper

82 100

128 0.0 32.3 48.5#

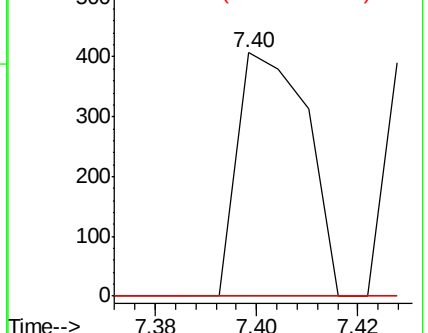
54 0.0 33.3 49.9#

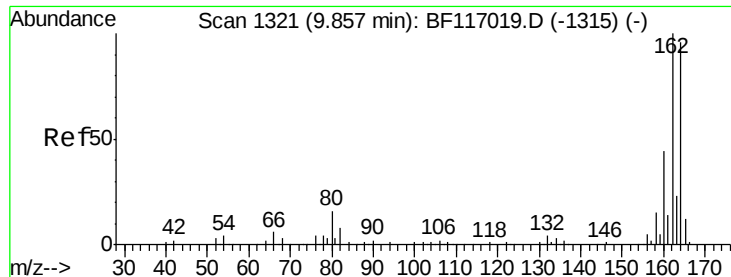


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1320

Delta R.T. -0.01 min

Lab File: BF117114.D

Acq: 17 Sep 2019 18:38

Instrument :

BNA_F

ClientSampleId :

TT-013-IDWSO-20190823

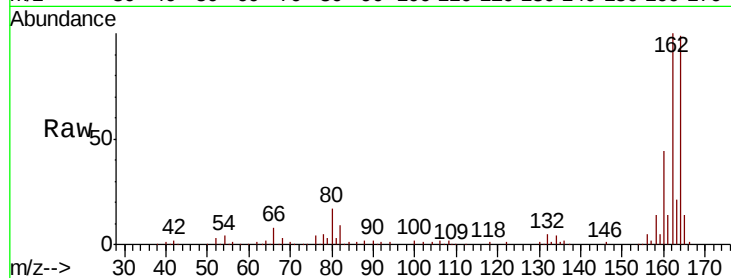
Tot Ion:164 Resp: 134881

Ion Ratio Lower Upper

164 100

162 101.4 83.4 125.2

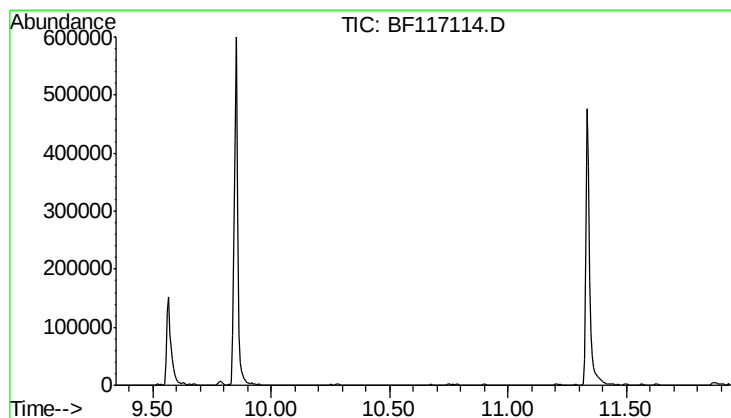
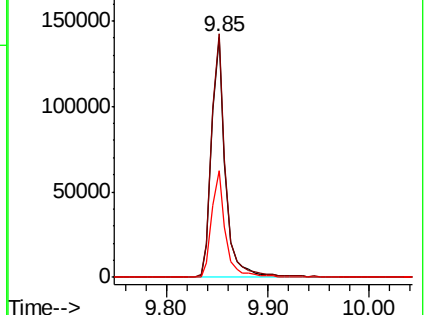
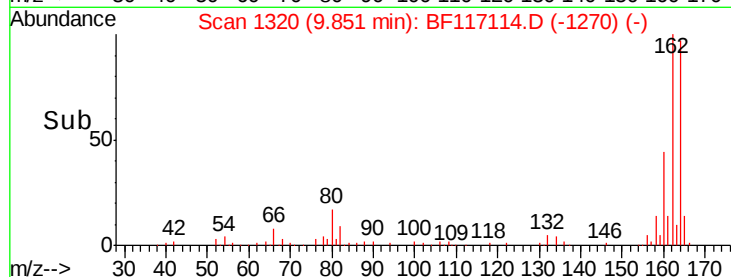
160 44.6 36.4 54.6



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: 0.000 ng

Expected RT: 10.65 min

Lab File: BF117114.D

Acq: 17 Sep 2019 18:38

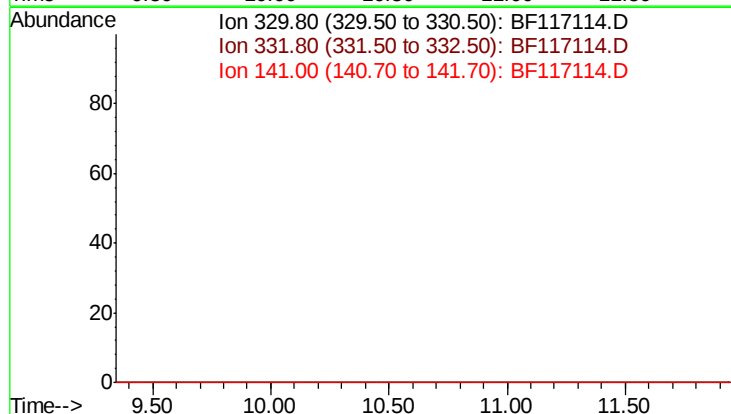
Tgt Ion: 330

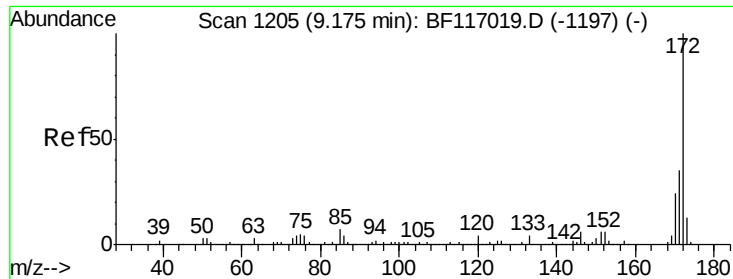
Sig Exp Ratio

330 100

332 97.5

141 44.7

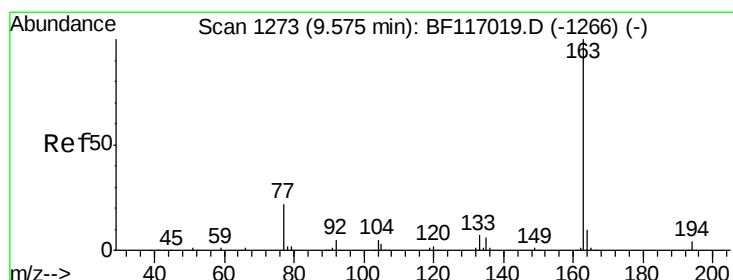
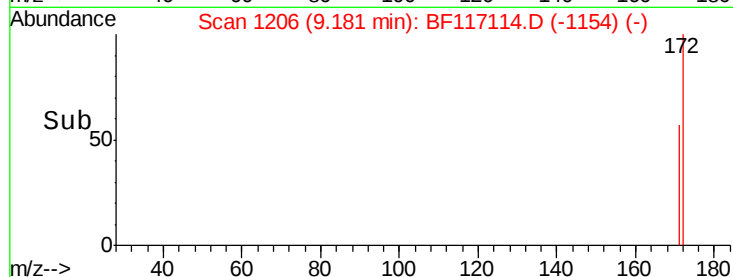
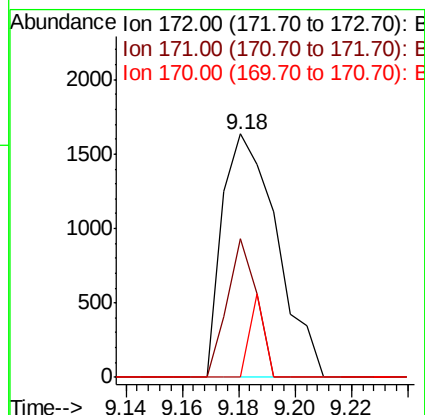
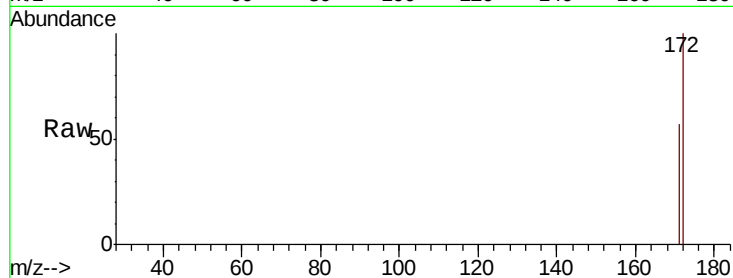




#45
 2-Fluorobiphenyl
 Concen: 0.253 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF117114.D
 Acq: 17 Sep 2019 18:38

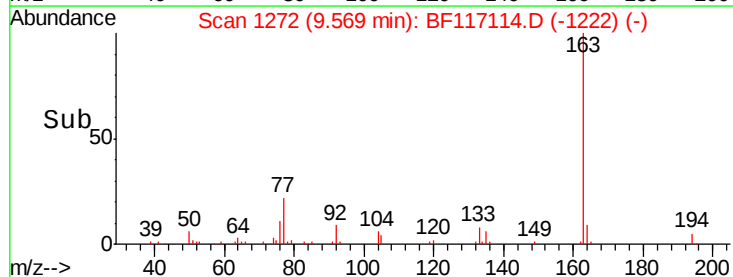
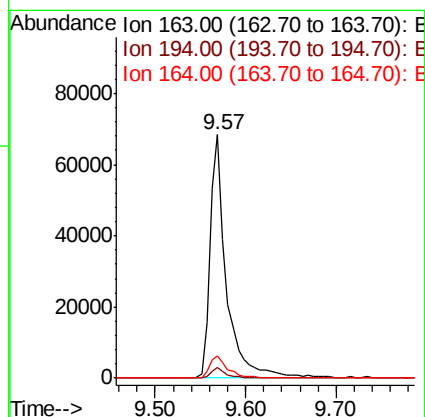
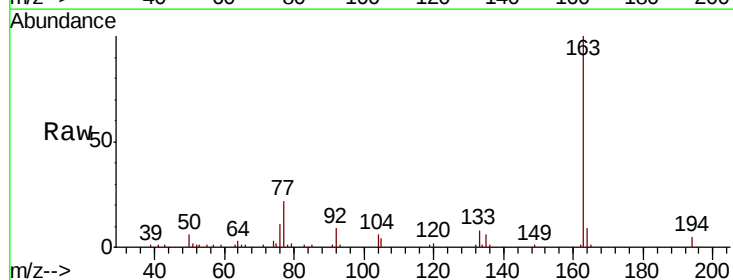
Instrument :
 BNA_F
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 TT-013-IDWSO-20190823

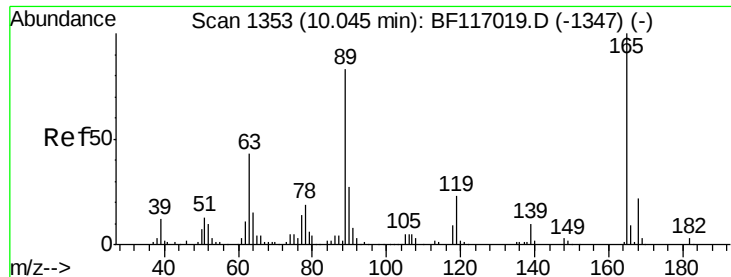
Tot Ion:172 Resp: 2185
 Ion Ratio Lower Upper
 172 100
 171 56.8 28.2 42.2#
 170 0.0 18.9 28.3#



#50
 Dimethylphthalate
 Concen: 9.105 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF117114.D
 Acq: 17 Sep 2019 18:38

Tgt Ion:163 Resp: 86951
 Ion Ratio Lower Upper
 163 100
 194 4.6 2.9 4.3#
 164 8.9 8.2 12.4

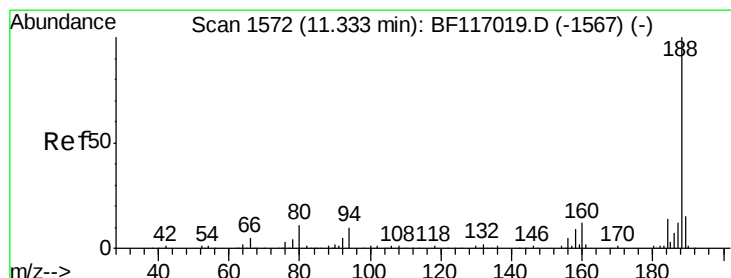
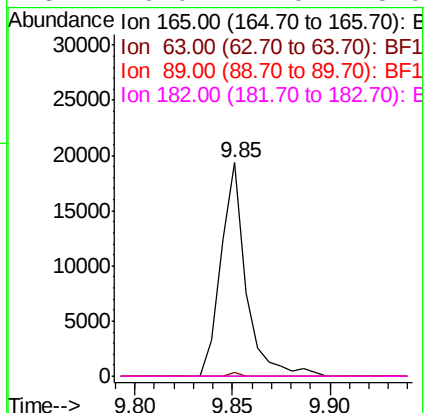
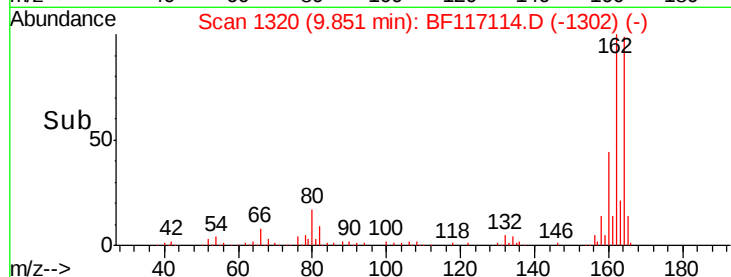
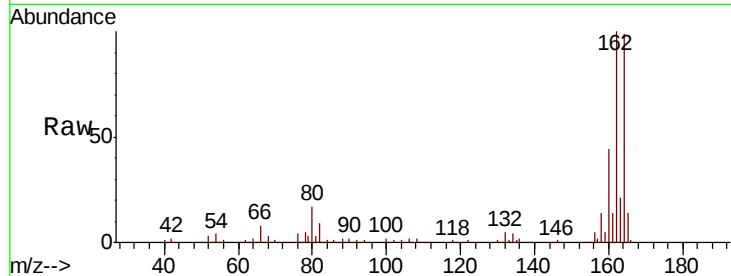




#57
 2,4-Dinitrotoluene
 Concen: 6.856 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117114.D
 Acq: 17 Sep 2019 18:38

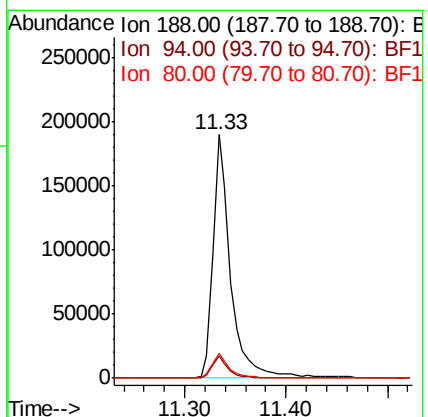
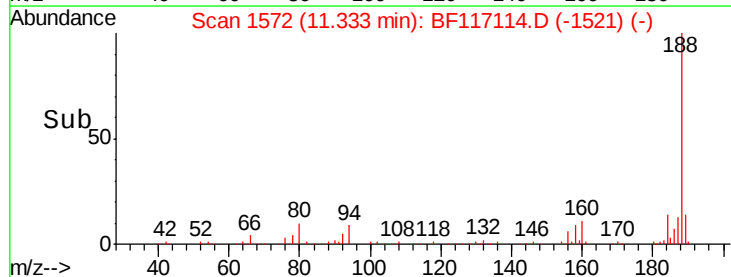
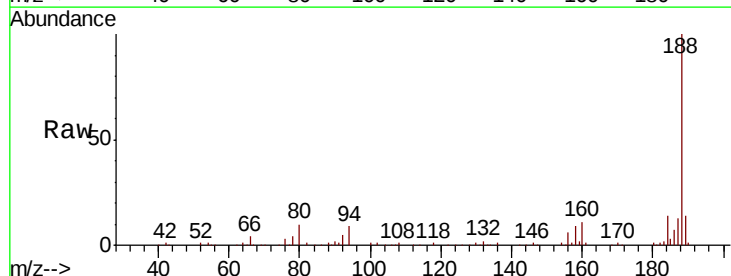
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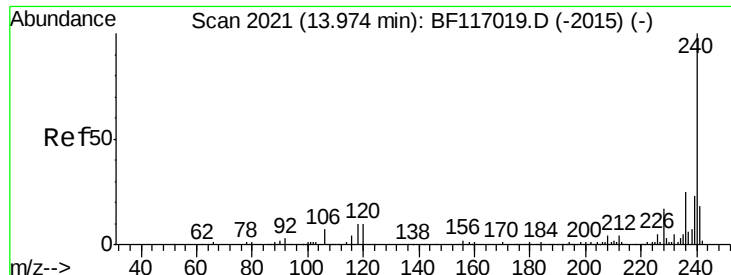
Tot Ion:165 Resp: 17309
 Ion Ratio Lower Upper
 165 100
 63 1.6 35.0 52.4#
 89 0.0 66.1 99.1#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117114.D
 Acq: 17 Sep 2019 18:38

Tgt Ion:188 Resp: 228583
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.2 12.2
 80 10.4 9.0 13.6

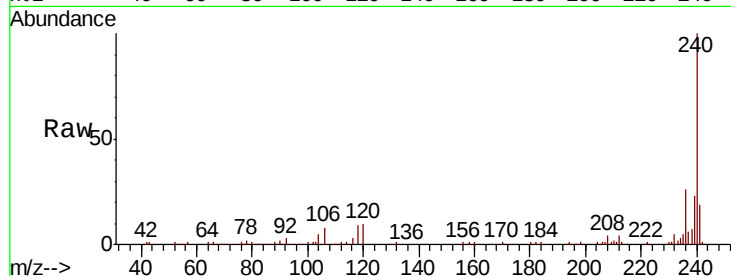




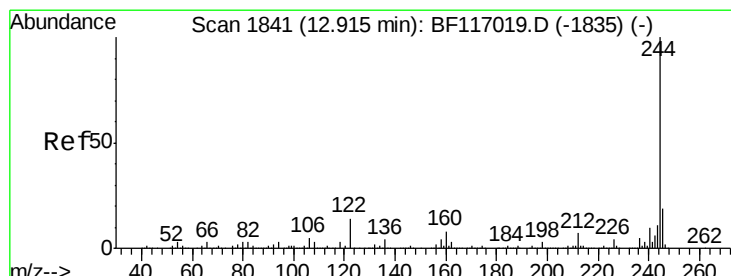
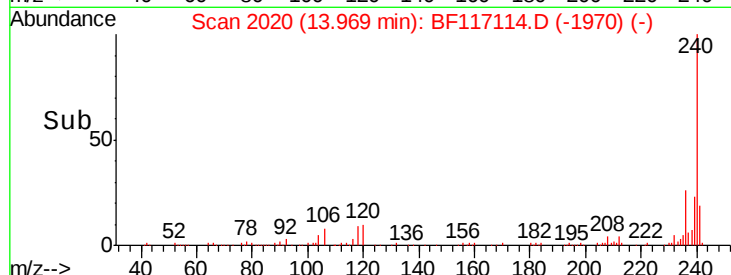
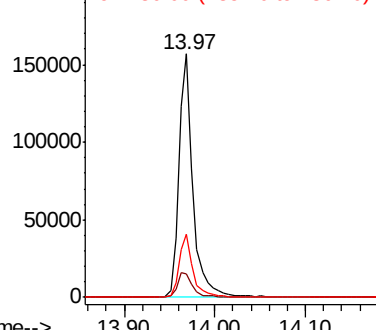
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117114.D
Acq: 17 Sep 2019 18:38

Instrument :
BNA_F
ClientSampleId :
TT-013-IDWSO-20190823

Tot Ion:240 Resp: 171124
Ion Ratio Lower Upper
240 100
120 9.8 8.3 12.5
236 26.1 20.3 30.5

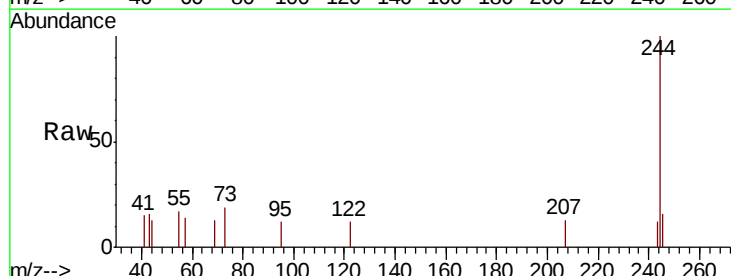


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

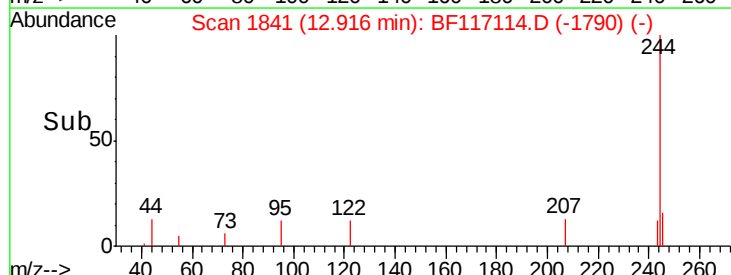
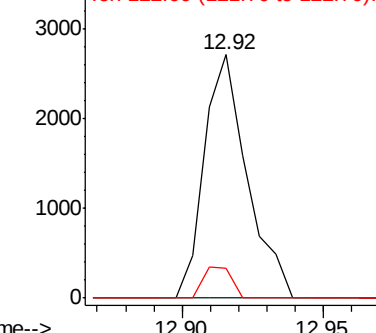


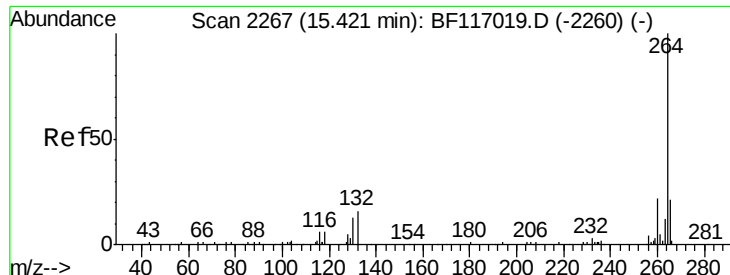
#79
Terphenyl-d14
Concen: 0.311 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117114.D
Acq: 17 Sep 2019 18:38

Tgt Ion:244 Resp: 2849
Ion Ratio Lower Upper
244 100
212 0.0 5.8 8.8#
122 12.0 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

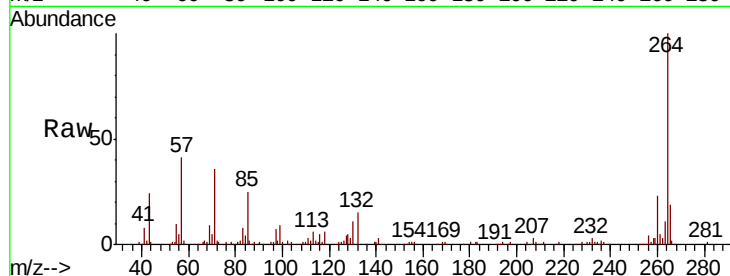




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117114.D
 Acq: 17 Sep 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :
 TT-013-IDWSO-20190823

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.6	26.4
265	19.1	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

