

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117549.D
 Acq On : 25 Oct 2019 21:07
 Operator : JU
 Sample : K5500-05 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 801-50-(0-1.1)

Quant Time: Oct 26 00:14:20 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

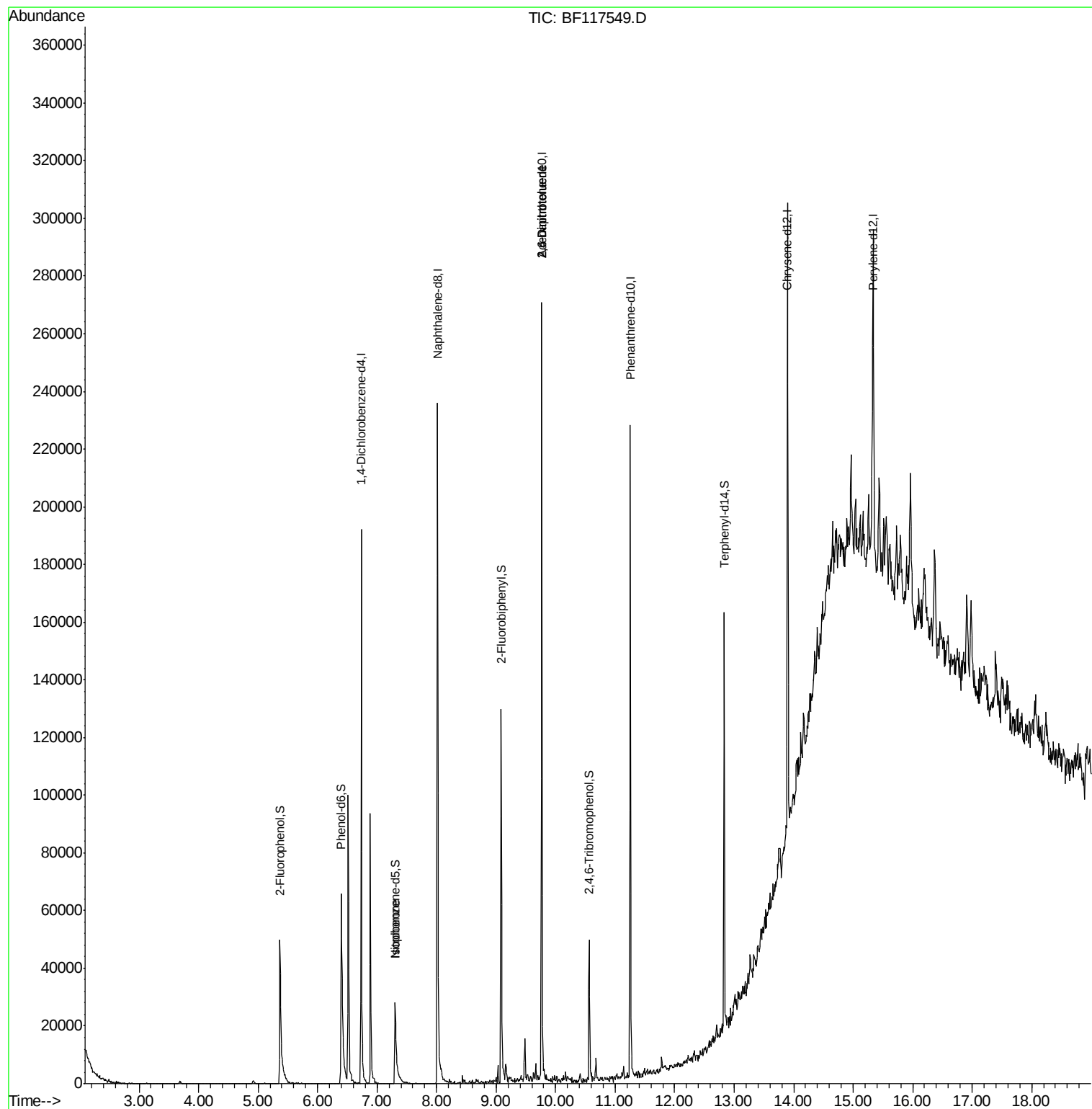
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	33143	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	128082	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	58416	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	90509	20.00	ng	0.00
76) Chrysene-d12	13.90	240	65589	20.00	ng	0.00
87) Perylene-d12	15.34	264	49773	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	32163	14.44	ng	0.02
7) Phenol-d6	6.40	99	47072	15.73	ng	0.02
23) Nitrobenzene-d5	7.30	82	24278	9.36	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	6889	13.63	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	48254	11.64	ng	0.00
79) Terphenyl-d14	12.83	244	43735	10.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	768	Below Cal	#	66
25) Isophorone	7.30	82	24278	5.409 ng	#	65
51) 2,6-Dinitrotoluene	9.76	165	7287	8.385 ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	7287	6.307 ng	#	12
77) Benzydine	12.83	184	743	Below Cal	#	44

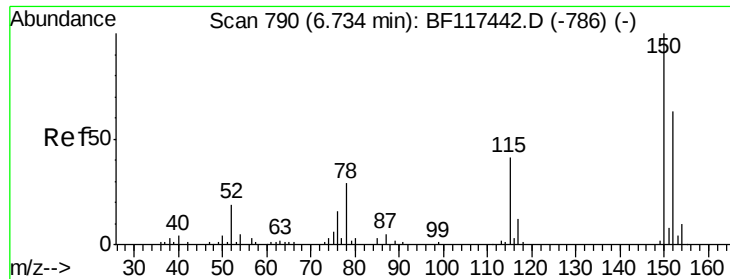
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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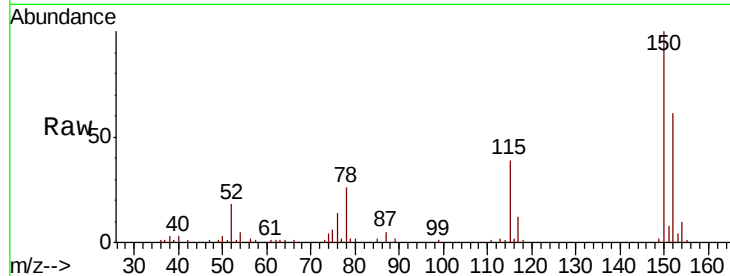


#1

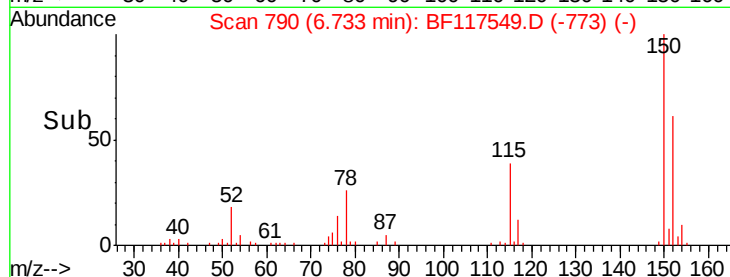
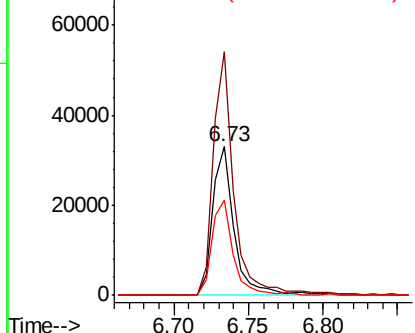
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117549.D
Acq: 25 Oct 2019 21:07

Instrument :
BNA_F
ClientSampleId :
801-50-(0-1.1)

Tot Ion:152 Resp: 33143
Ion Ratio Lower Upper
152 100
150 163.6 126.8 190.2
115 64.3 51.6 77.4



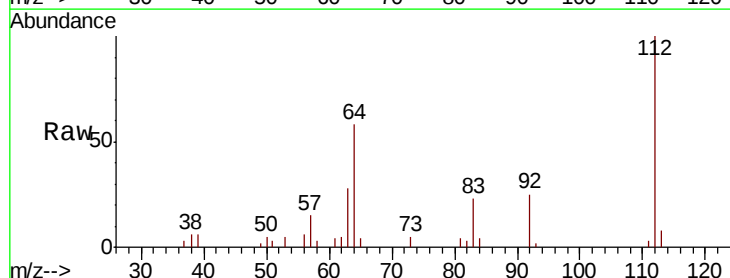
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



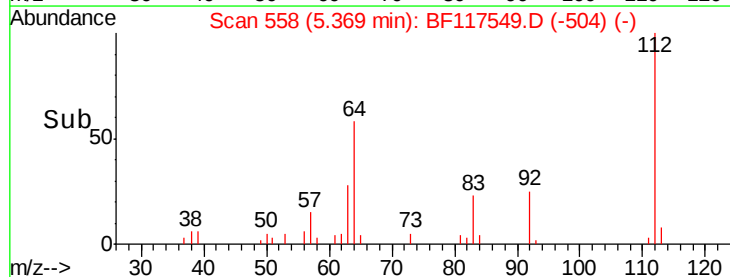
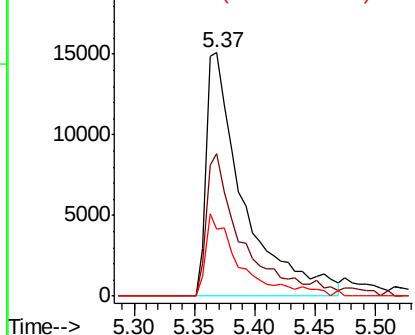
#5

2-Fluorophenol
Concen: 14.437 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF117549.D
Acq: 25 Oct 2019 21:07

Tgt Ion:112 Resp: 32163
Ion Ratio Lower Upper
112 100
64 58.4 44.1 66.1
63 27.6 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: 15.732 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF117549.D

Acq: 25 Oct 2019 21:07

Instrument :

BNA_F

ClientSampleId :

801-50-(0-1.1)

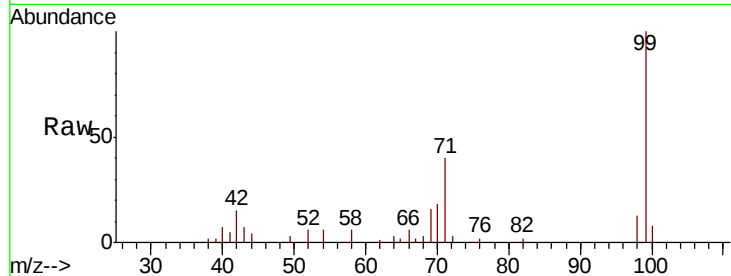
Tot Ion: 99 Resp: 47072

Ion Ratio Lower Upper

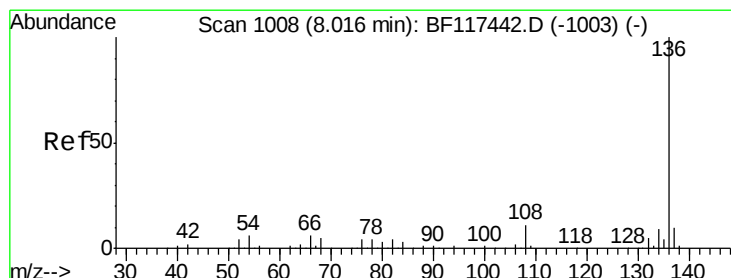
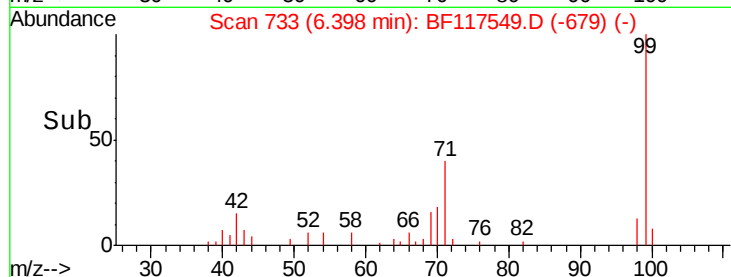
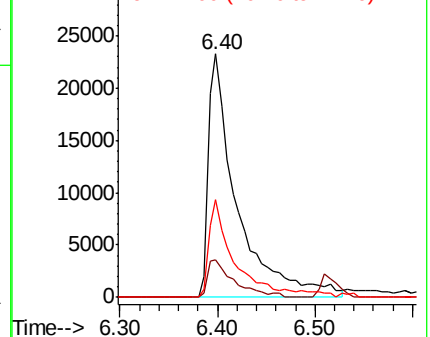
99 100

42 15.5 12.8 19.2

71 40.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117549.D

Acq: 25 Oct 2019 21:07

Tgt Ion: 136 Resp: 128082

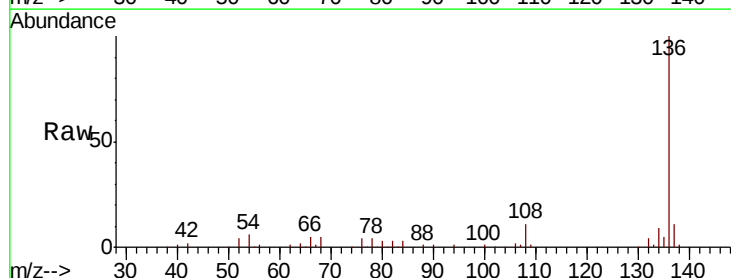
Ion Ratio Lower Upper

136 100

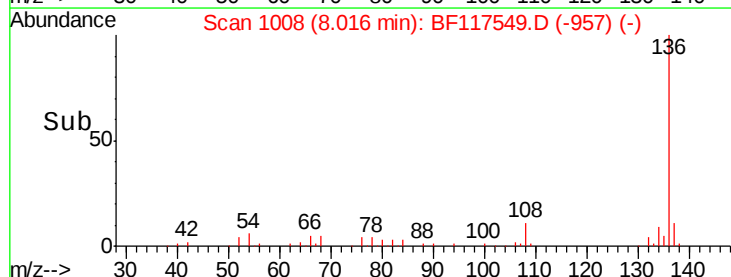
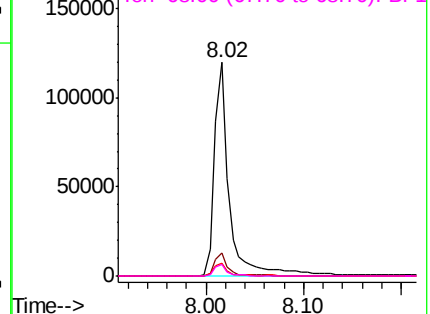
137 10.6 8.2 12.4

54 6.2 4.5 6.7

68 5.2 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

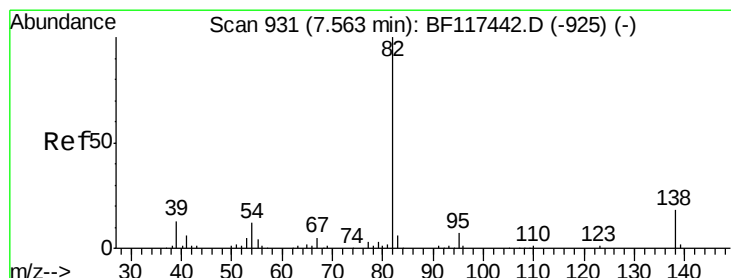
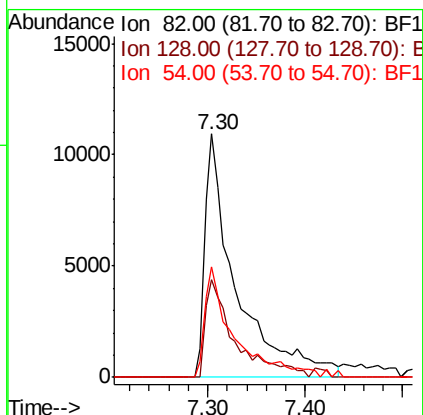
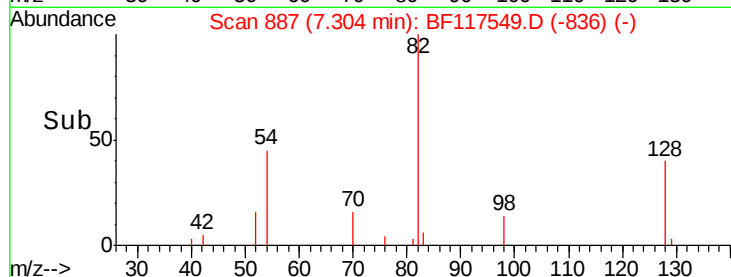
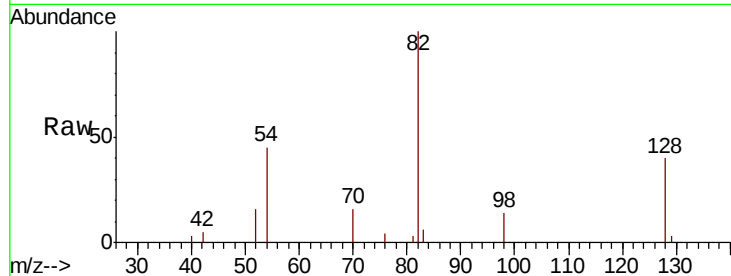




#23
Nitrobenzene-d5
Concen: 9.358 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF117549.D
Acq: 25 Oct 2019 21:07

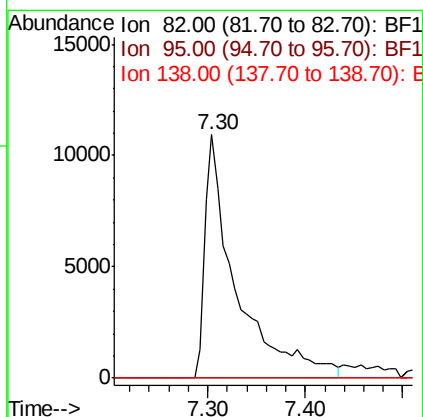
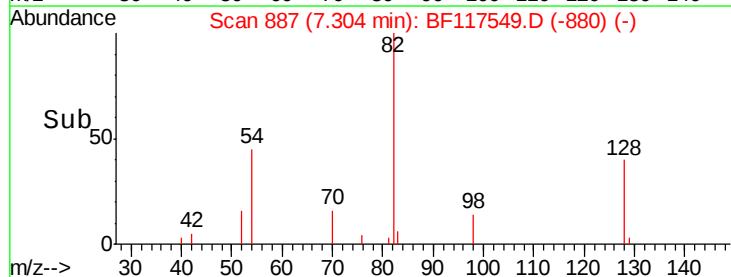
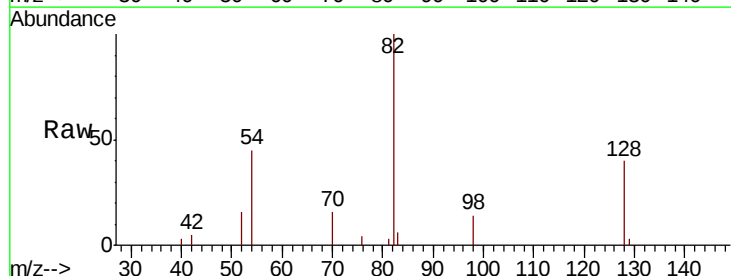
Instrument :
BNA_F
ClientSampleId :
801-50-(0-1.1)

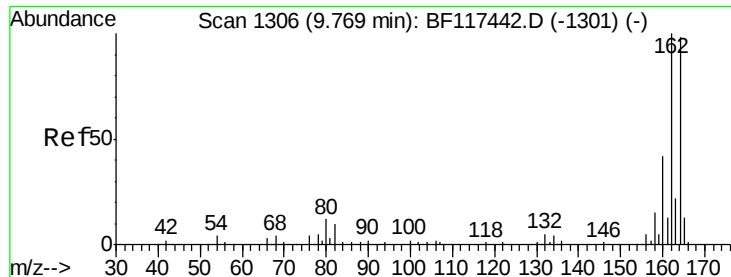
Tot Ion	82	Resp	24278
Ion Ratio	Lower	Upper	
82	100		
128	40.2	32.2	48.2
54	45.3	34.2	51.2



#25
Isophorone
Concen: 5.409 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF117549.D
Acq: 25 Oct 2019 21:07

Tgt Ion	82	Resp	24278
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117549.D

Acq: 25 Oct 2019 21:07

Instrument :

BNA_F

ClientSampleId :

801-50-(0-1.1)

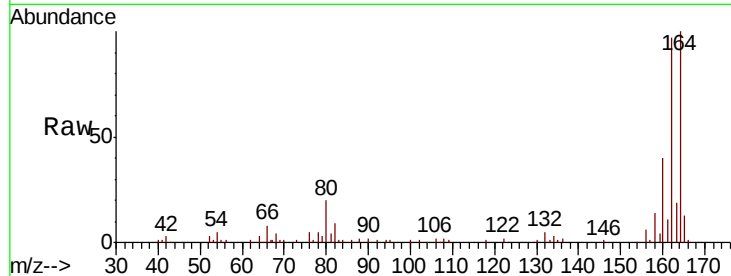
Tot Ion:164 Resp: 58416

Ion Ratio Lower Upper

164 100

162 96.7 81.8 122.6

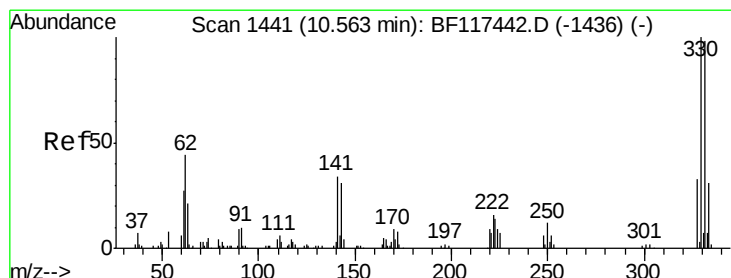
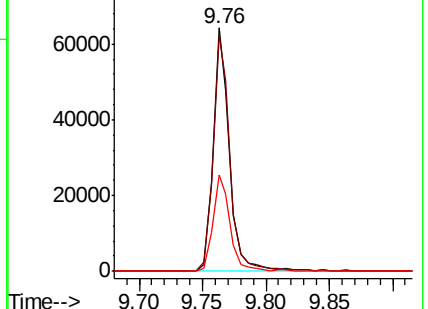
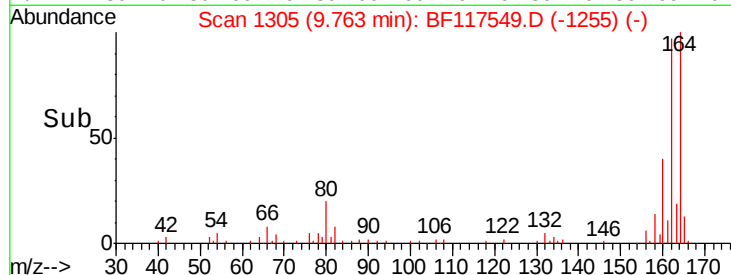
160 39.8 34.4 51.6



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: 13.629 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117549.D

Acq: 25 Oct 2019 21:07

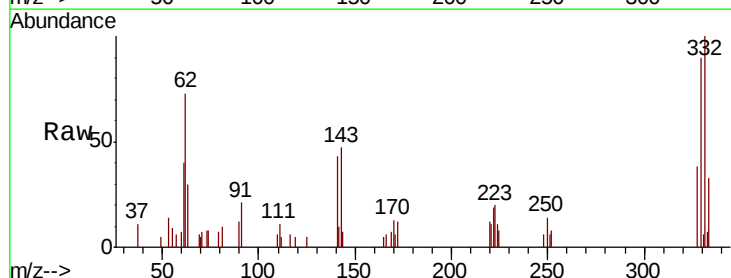
Tgt Ion:330 Resp: 6889

Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

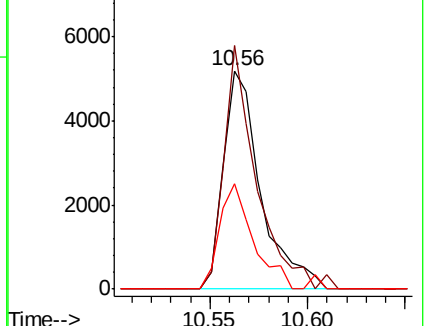
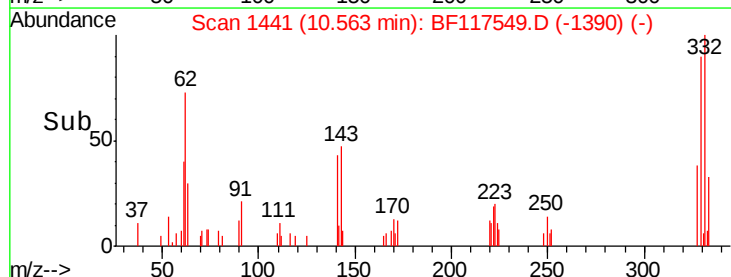
141 43.5 37.0 55.6

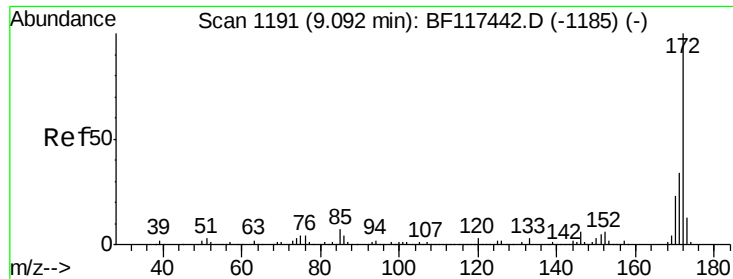


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

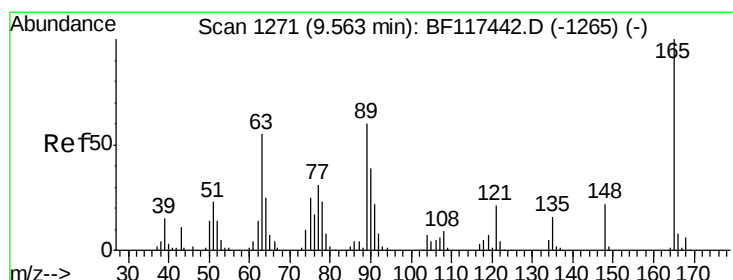
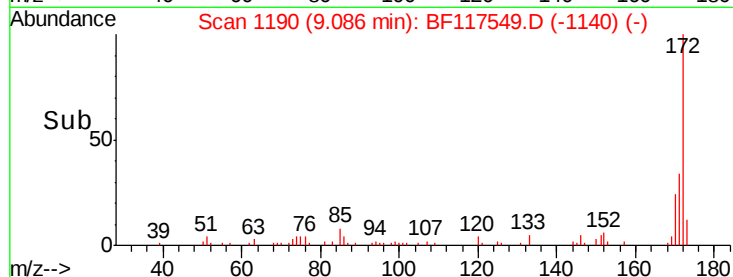
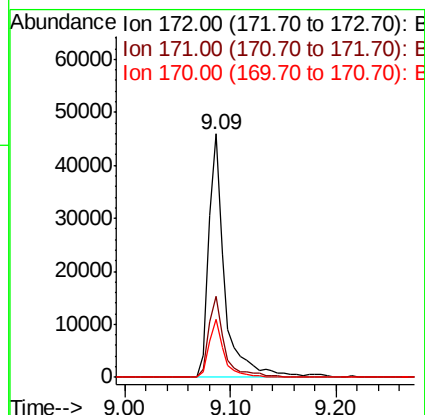
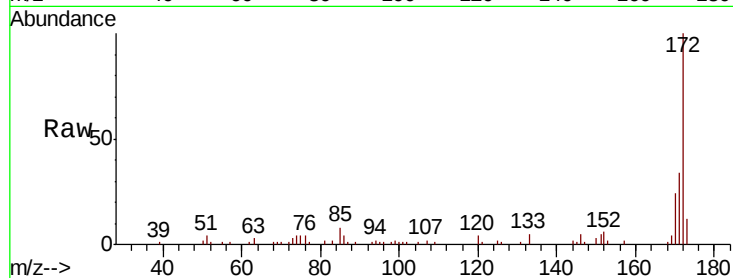




#45
 2-Fluorobiphenyl
 Concen: 11.639 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117549.D
 Acq: 25 Oct 2019 21:07

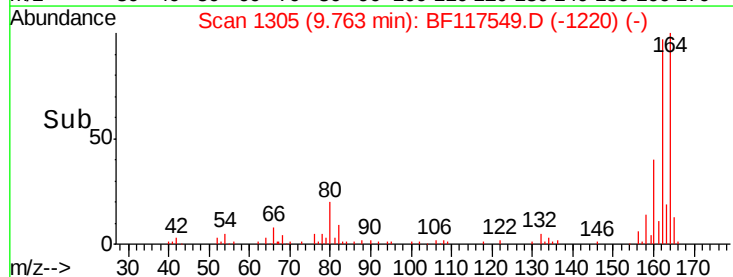
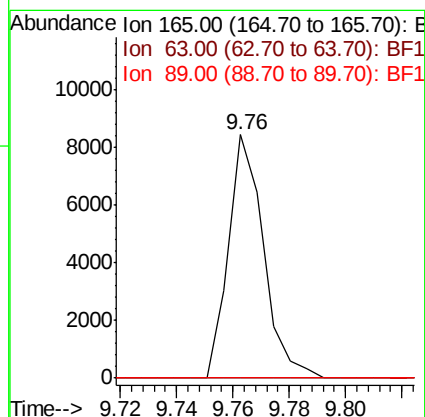
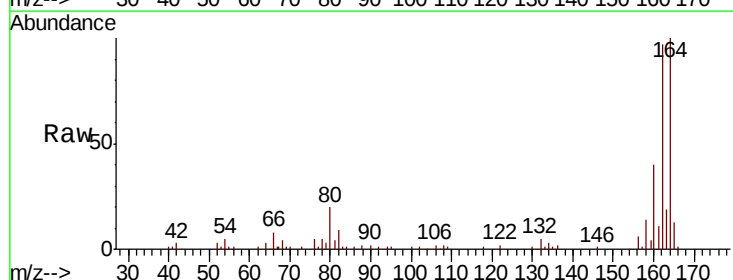
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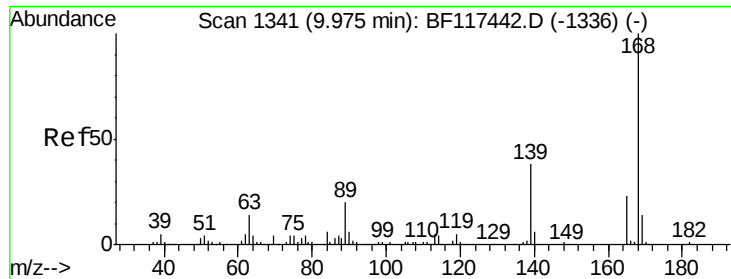
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.5	41.3
170	23.8	18.6	27.8



#51
 2,6-Dinitrotoluene
 Concen: 8.385 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF117549.D
 Acq: 25 Oct 2019 21:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#

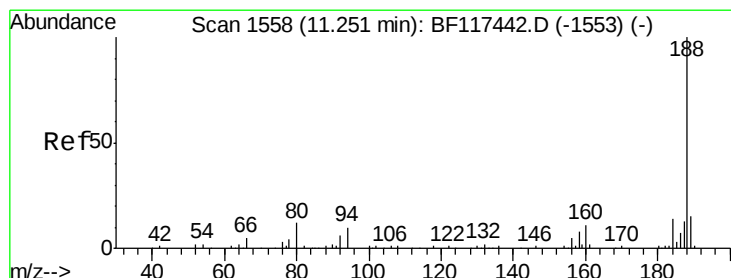
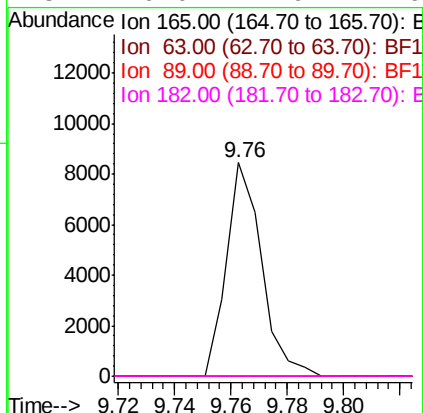
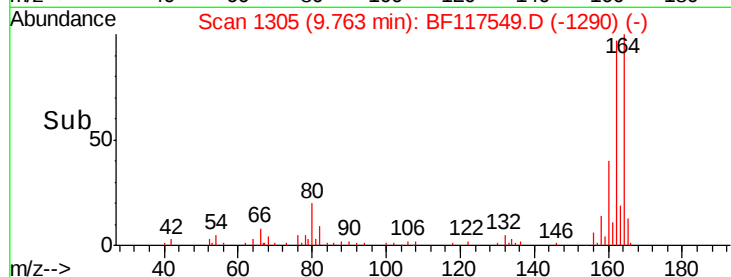
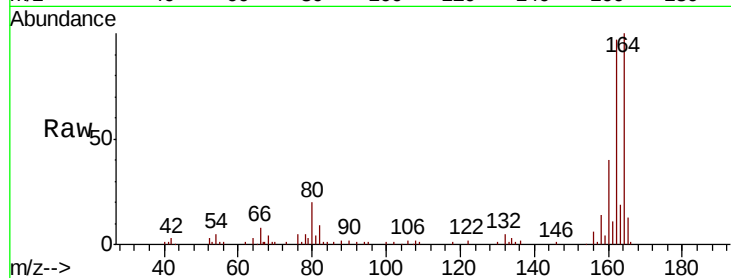




#57
2,4-Dinitrotoluene
Concen: 6.307 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117549.D
Acq: 25 Oct 2019 21:07

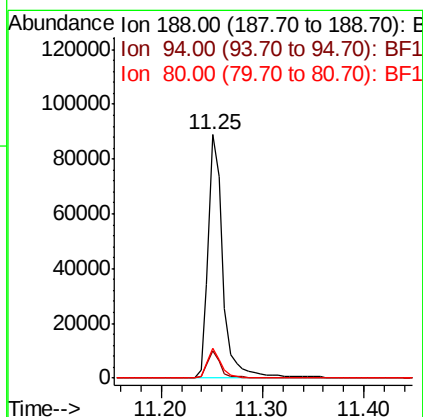
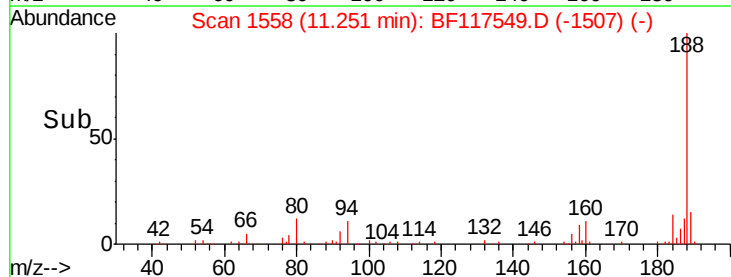
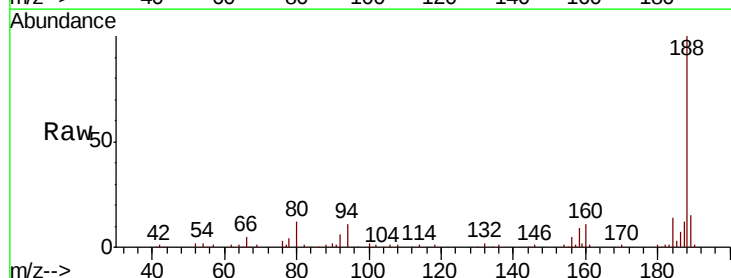
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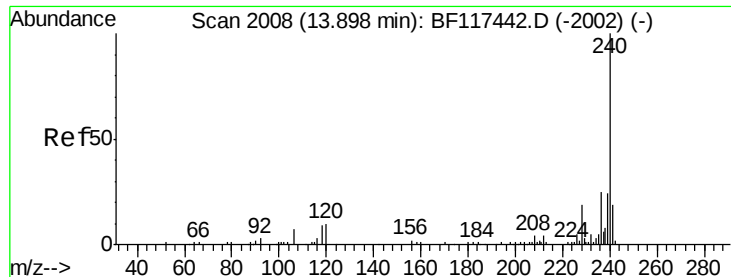
Tot Ion:165 Resp: 7287
Ion Ratio Lower Upper
165 100
63 0.0 51.4 77.0#
89 0.0 69.9 104.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117549.D
Acq: 25 Oct 2019 21:07

Tgt Ion:188 Resp: 90509
Ion Ratio Lower Upper
188 100
94 11.3 8.0 12.0
80 12.5 9.5 14.3

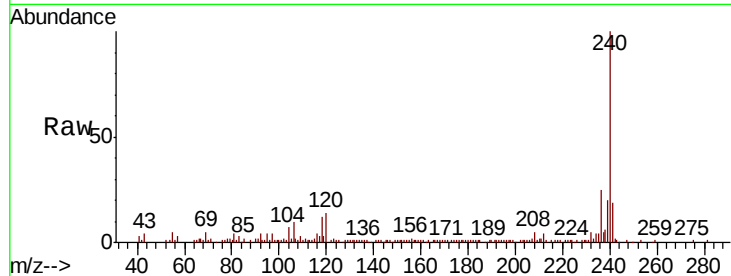




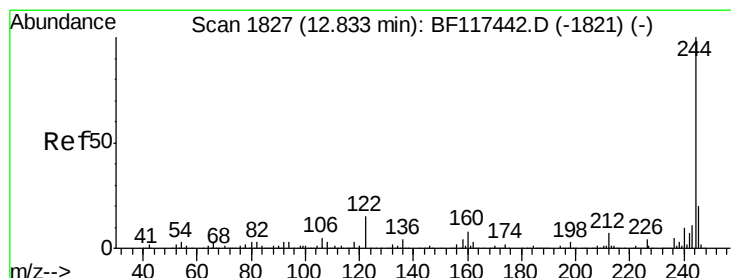
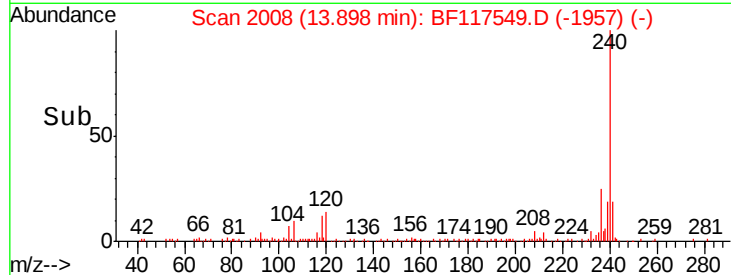
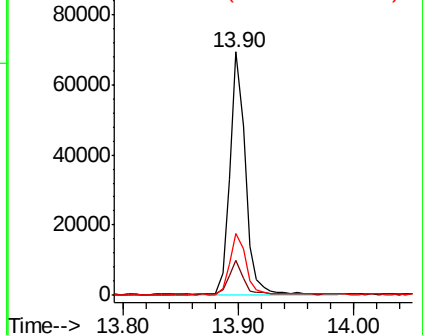
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117549.D
Acq: 25 Oct 2019 21:07

Instrument :
BNA_F
ClientSampleId :
801-50-(0-1.1)

Tot Ion:240 Resp: 65589
Ion Ratio Lower Upper
240 100
120 14.4 8.4 12.6#
236 25.2 20.0 30.0

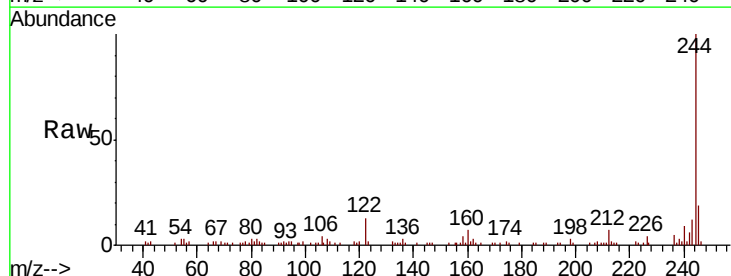


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

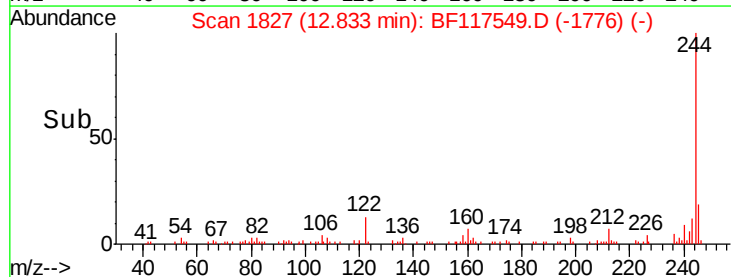
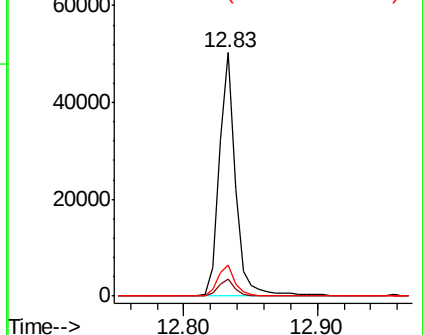


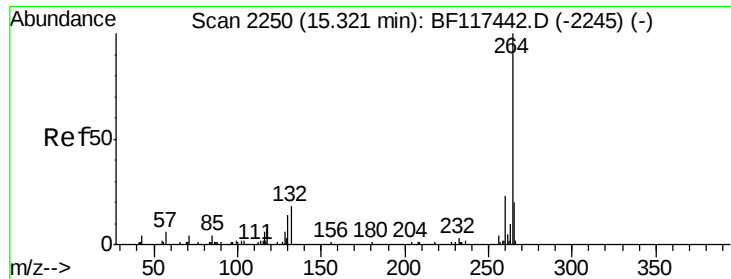
#79
Terphenyl-d14
Concen: 10.876 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117549.D
Acq: 25 Oct 2019 21:07

Tgt Ion:244 Resp: 43735
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 12.6 11.8 17.8



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: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117549.D
Acq: 25 Oct 2019 21:07

Instrument :
BNA_F
ClientSampleId :
801-50-(0-1.1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.3	16.1	24.1

