

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
 Data File : BF117510.D
 Acq On : 24 Oct 2019 15:19
 Operator : JU
 Sample : K5498-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 196-58-(0-1)

Quant Time: Oct 25 01:40:25 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

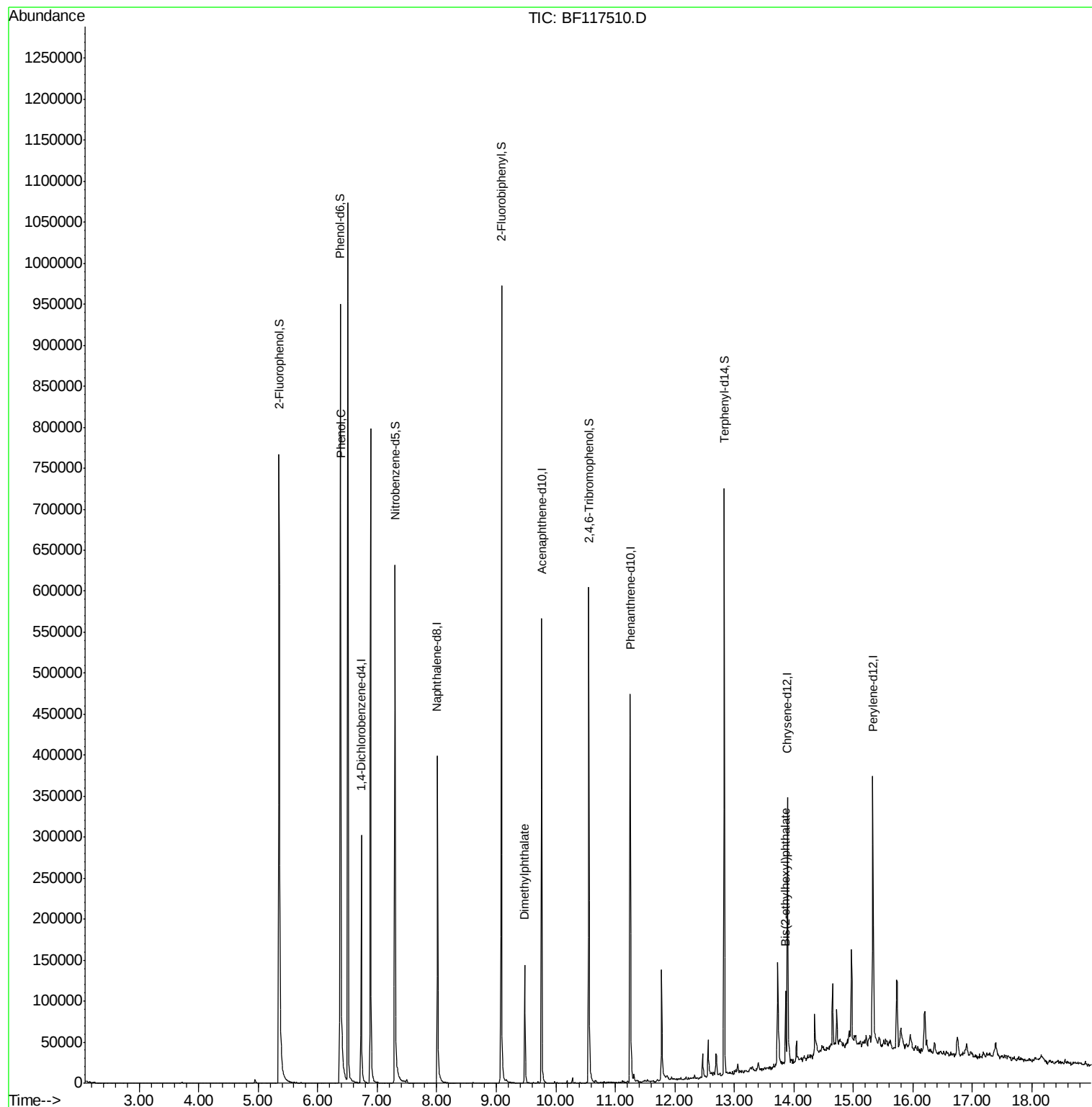
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	51322	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	210730	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	110904	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	183918	20.00	ng	0.00
76) Chrysene-d12	13.89	240	106176	20.00	ng	0.00
87) Perylene-d12	15.33	264	109278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	274230	79.49	ng	0.00
7) Phenol-d6	6.38	99	383104	82.68	ng	0.00
23) Nitrobenzene-d5	7.30	82	234981	55.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	70724	73.70	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	301985	38.37	ng	0.00
79) Terphenyl-d14	12.83	244	238821	36.69	ng	0.00
Target Compounds						
10) Phenol	6.39	94	10082	2.132	ng	89
50) Dimethylphthalate	9.48	163	56314	7.123	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	26331	4.142	ng	97

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

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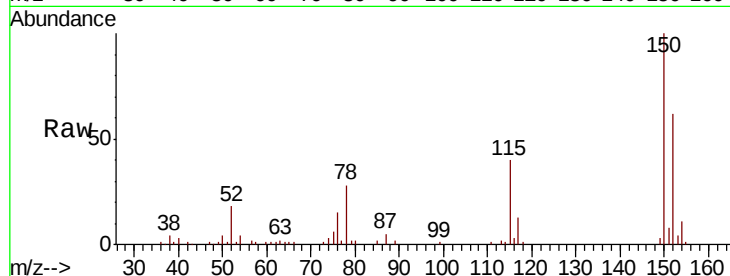


#1

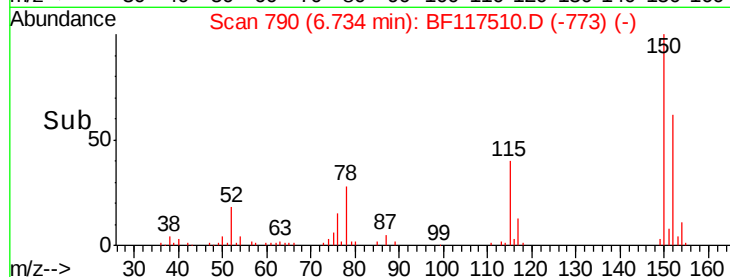
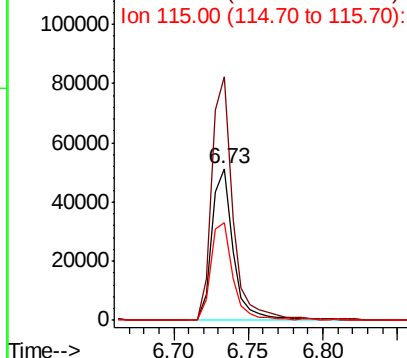
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF117510.D
 Acq: 24 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 196-58-(0-1)

Tot Ion:152 Resp: 51322
 Ion Ratio Lower Upper
 152 100
 150 160.8 126.8 190.2
 115 64.6 51.6 77.4



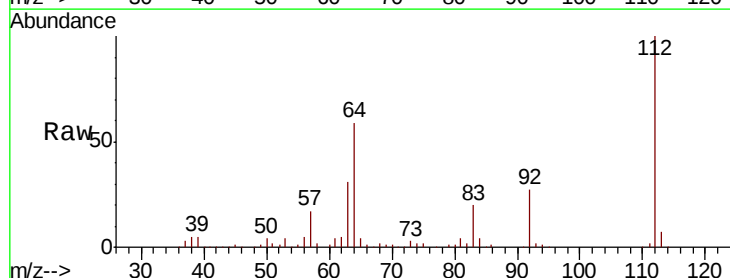
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



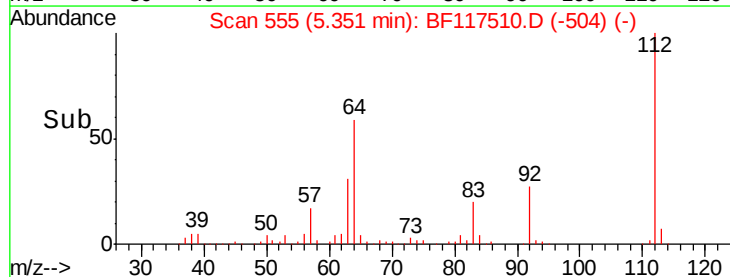
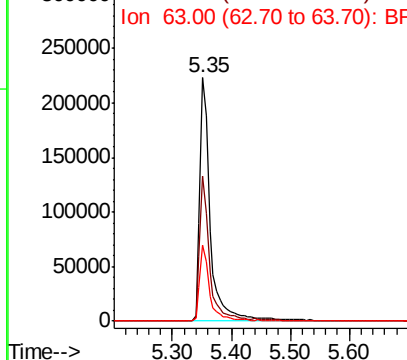
#5

2-Fluorophenol
 Concen: 79.493 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF117510.D
 Acq: 24 Oct 2019 15:19

Tgt Ion:112 Resp: 274230
 Ion Ratio Lower Upper
 112 100
 64 59.5 44.1 66.1
 63 31.0 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: 82.683 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117510.D

Acq: 24 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

196-58-(0-1)

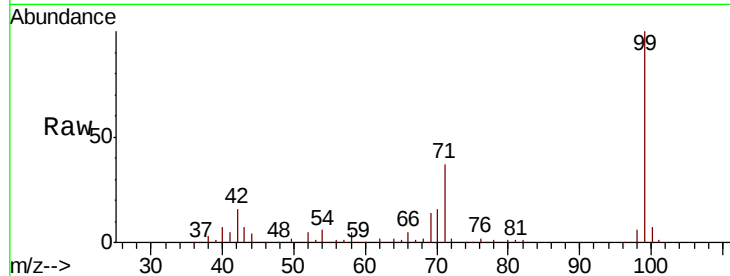
Tot Ion: 99 Resp: 383104

Ion Ratio Lower Upper

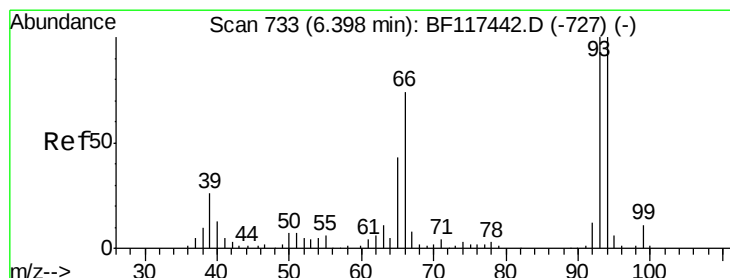
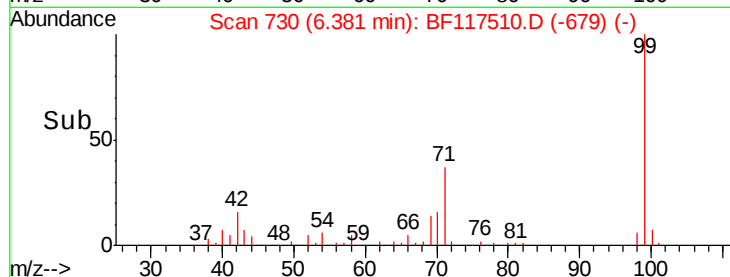
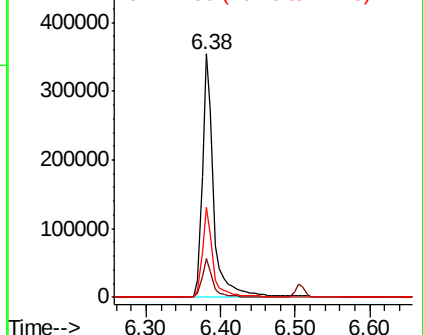
99 100

42 15.8 12.8 19.2

71 37.2 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: 2.132 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117510.D

Acq: 24 Oct 2019 15:19

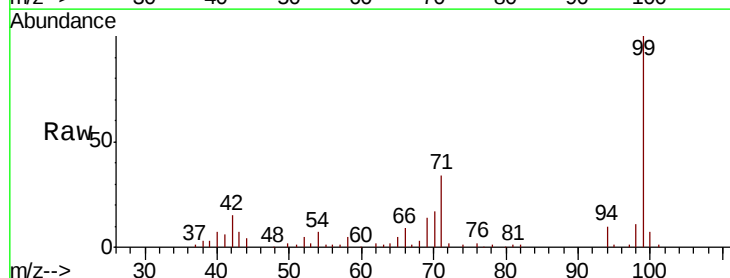
Tgt Ion: 94 Resp: 10082

Ion Ratio Lower Upper

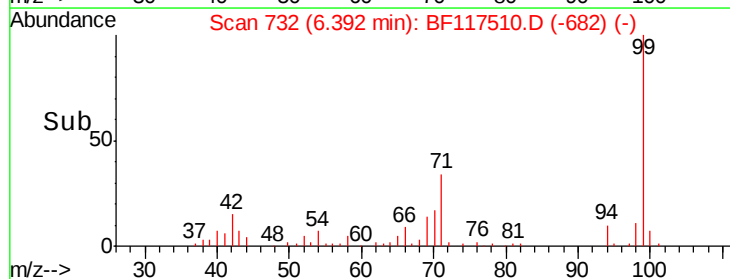
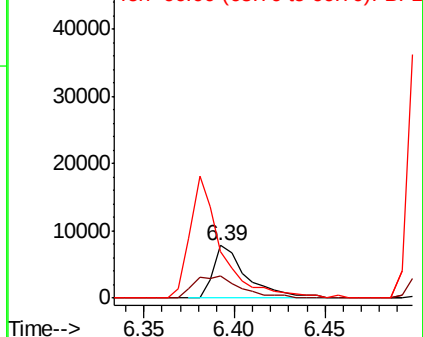
94 100

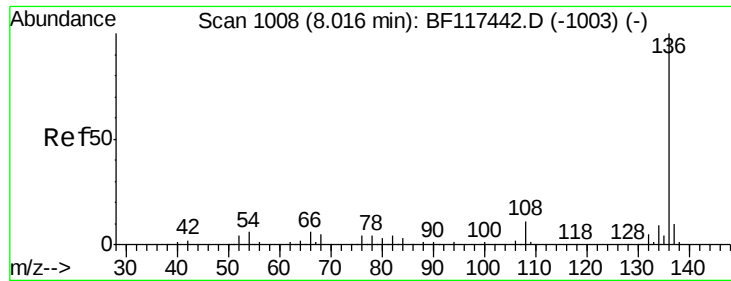
65 43.5 23.4 63.4

66 88.9 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

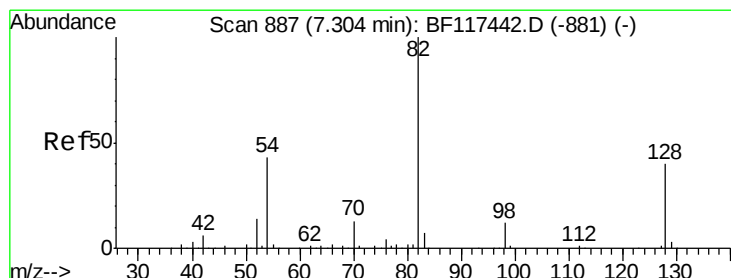
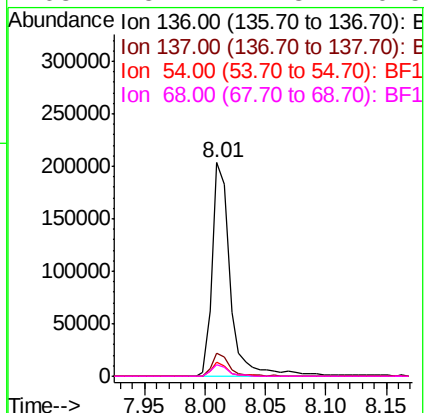
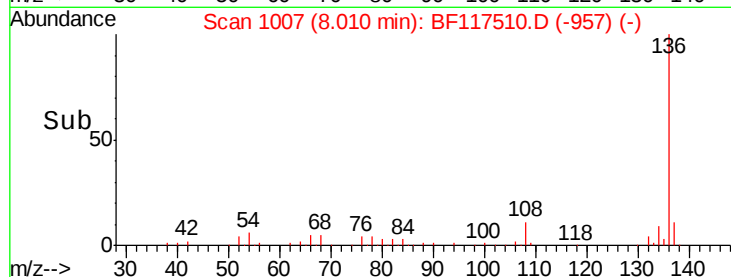
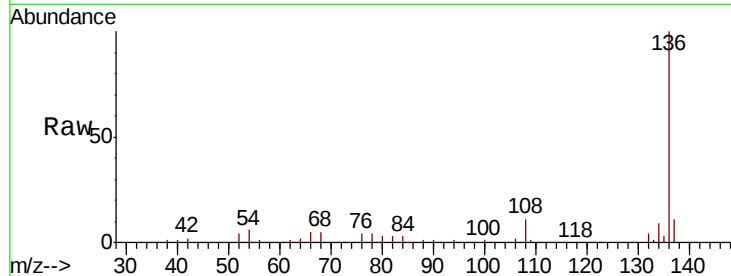




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117510.D
Acq: 24 Oct 2019 15:19

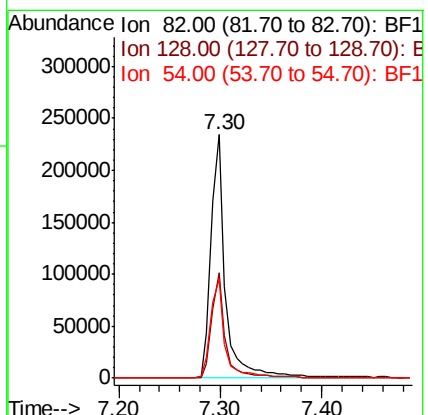
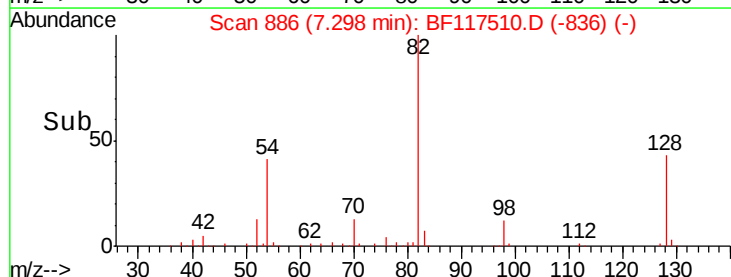
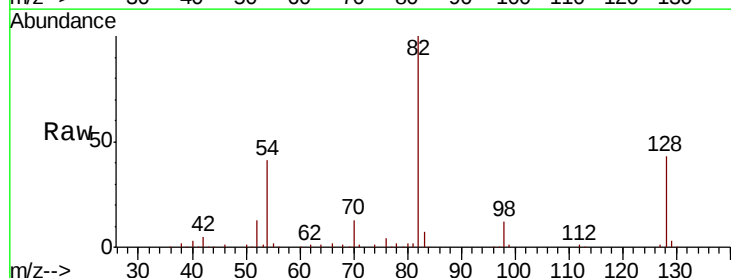
Instrument :
BNA_F
ClientSampleId :
196-58-(0-1)

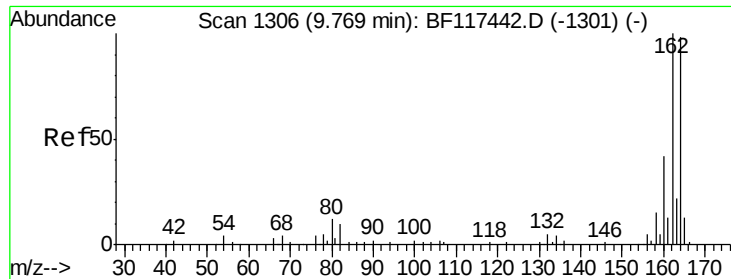
Tot Ion:136	Resp:	210730
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.2 12.4
54	6.3	4.5 6.7
68	5.4	4.3 6.5



#23
Nitrobenzene-d5
Concen: 55.049 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117510.D
Acq: 24 Oct 2019 15:19

Tgt Ion: 82	Resp:	234981
Ion	Ratio	Lower Upper
82	100	
128	43.4	32.2 48.2
54	40.8	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: BF117510.D

Acq: 24 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

196-58-(0-1)

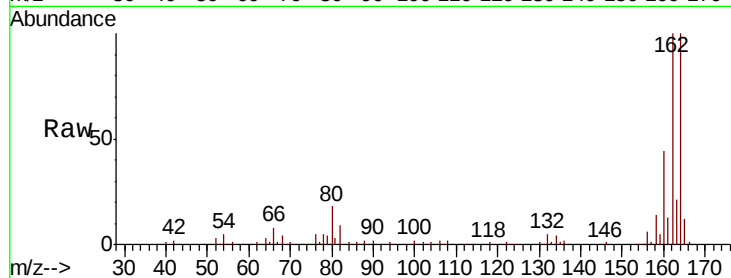
Tot Ion:164 Resp: 110904

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.6

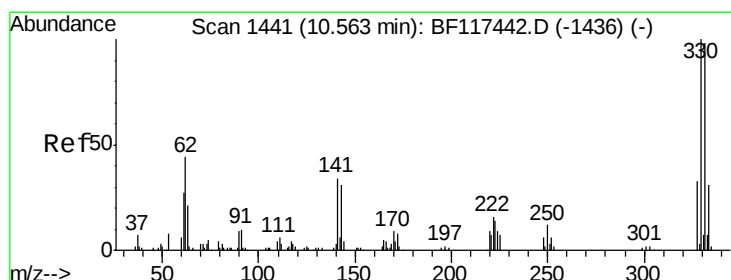
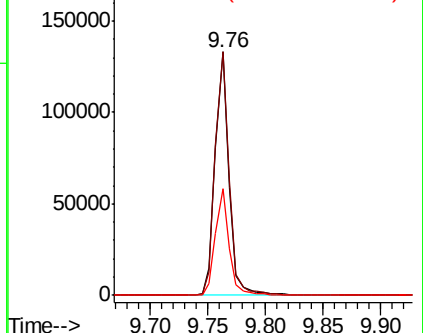
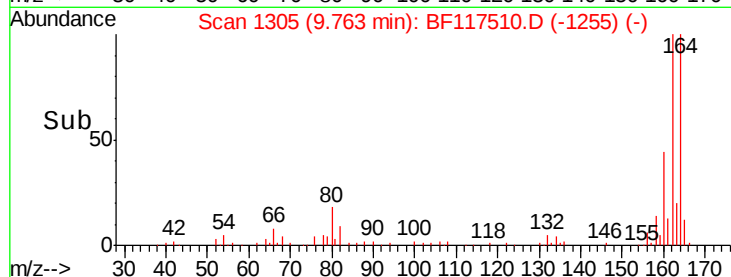
160 43.8 34.4 51.6



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: 73.701 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117510.D

Acq: 24 Oct 2019 15:19

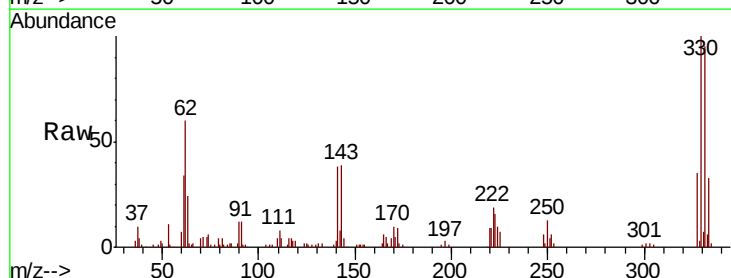
Tgt Ion:330 Resp: 70724

Ion Ratio Lower Upper

330 100

332 95.4 78.5 117.7

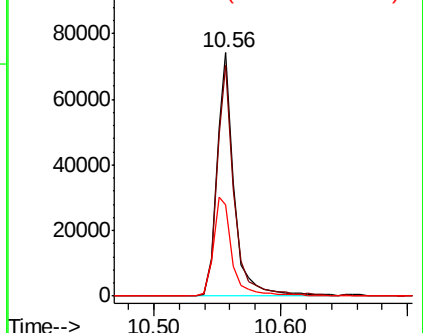
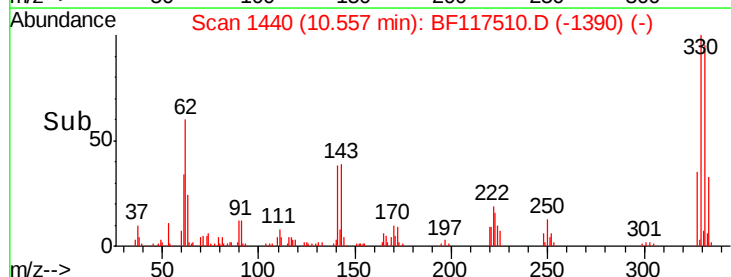
141 44.5 37.0 55.6

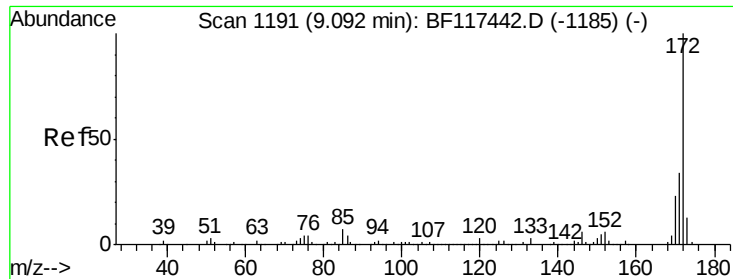


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

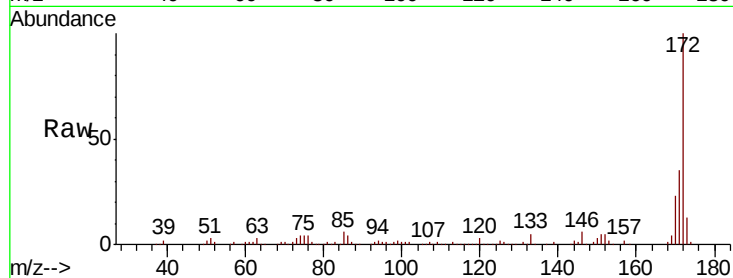




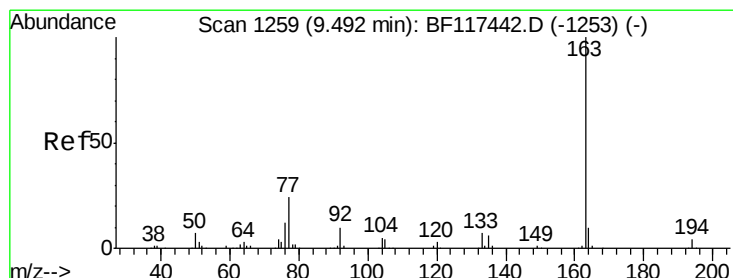
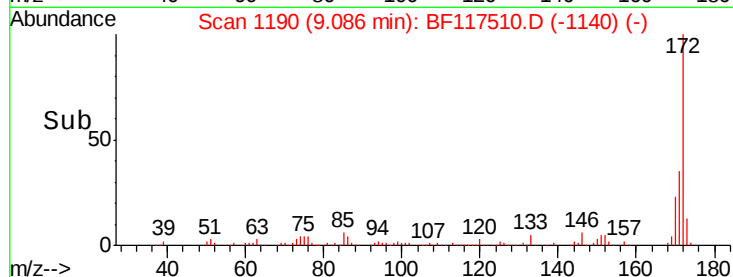
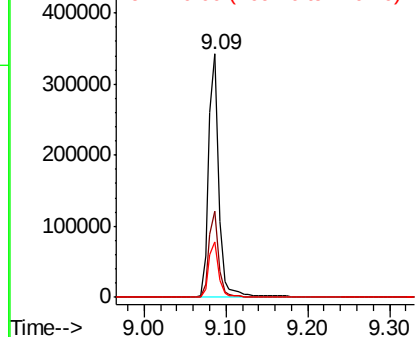
#45
 2-Fluorobiphenyl
 Concen: 38.366 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117510.D
 Acq: 24 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 196-58-(0-1)

Tot Ion:172 Resp: 301985
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.5 41.3
 170 22.7 18.6 27.8

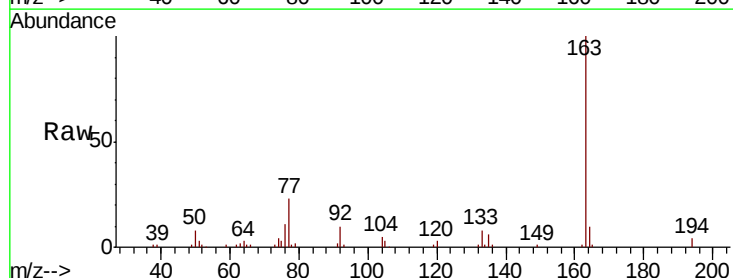


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

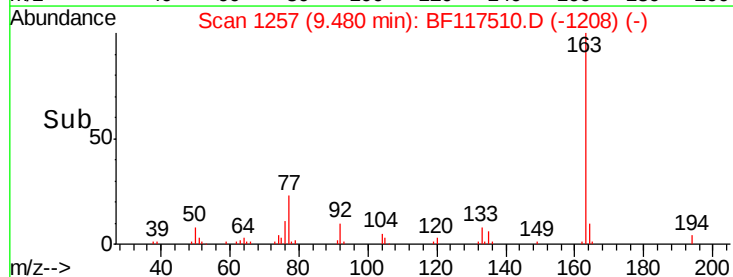
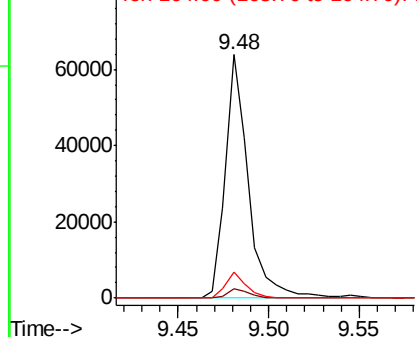


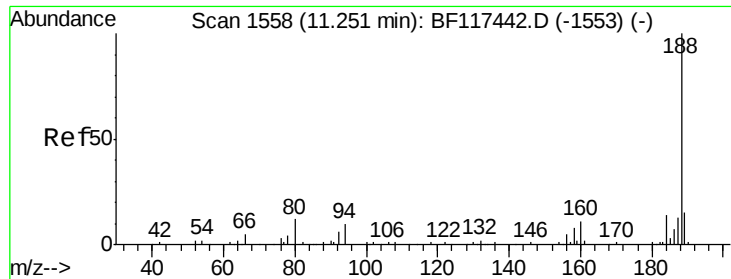
#50
 Dimethylphthalate
 Concen: 7.123 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117510.D
 Acq: 24 Oct 2019 15:19

Tgt Ion:163 Resp: 56314
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.9 4.3
 164 10.4 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

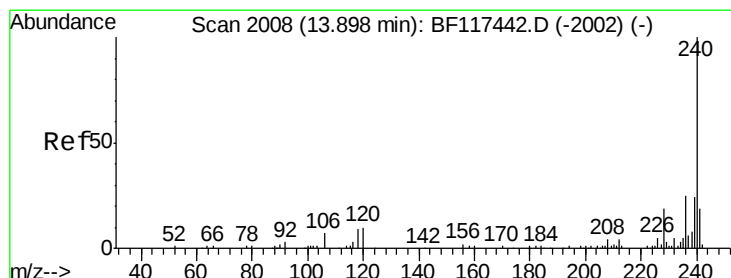
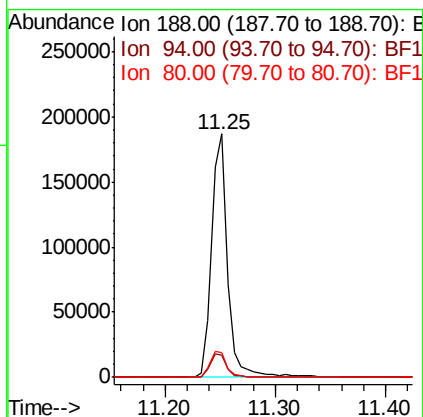
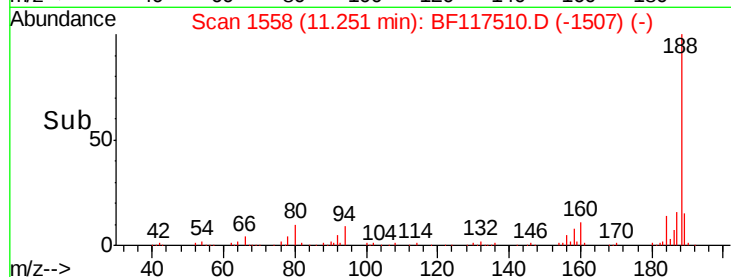
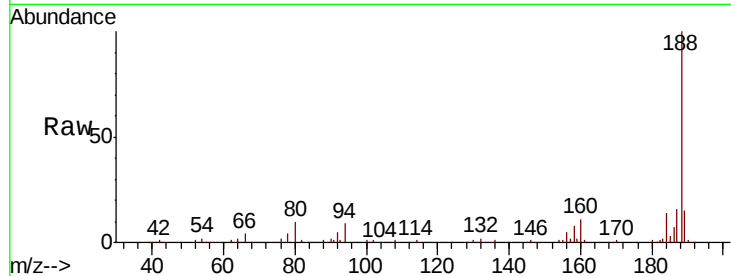




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117510.D
Acq: 24 Oct 2019 15:19

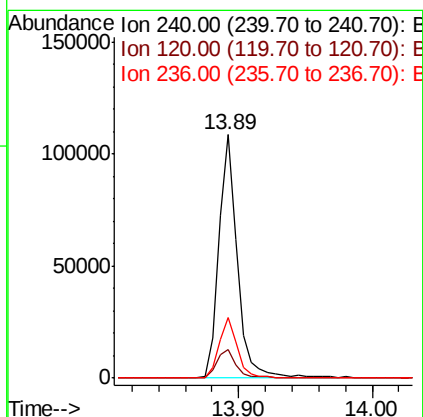
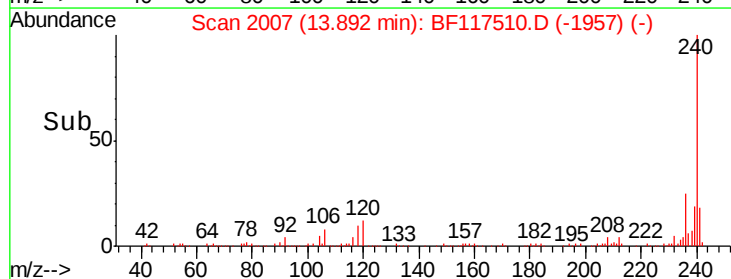
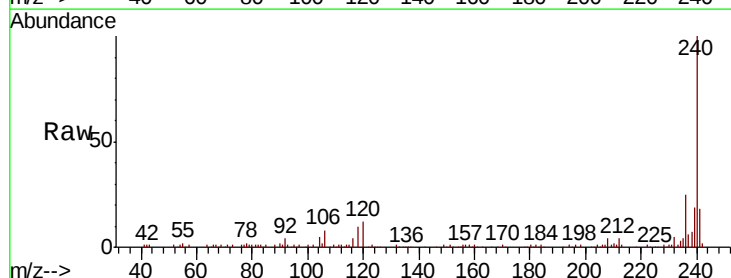
Instrument :
BNA_F
ClientSampleId :
196-58-(0-1)

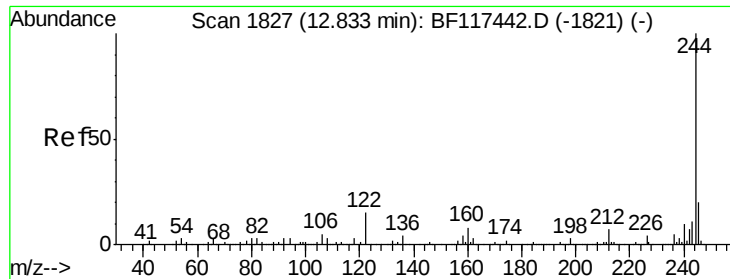
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	10.1	9.5	14.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117510.D
Acq: 24 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.4	12.6
236	25.1	20.0	30.0





#79

Terphenyl-d14

Concen: 36.689 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF117510.D

Acq: 24 Oct 2019 15:19

Instrument :

BNA_F

ClientSampleId :

196-58-(0-1)

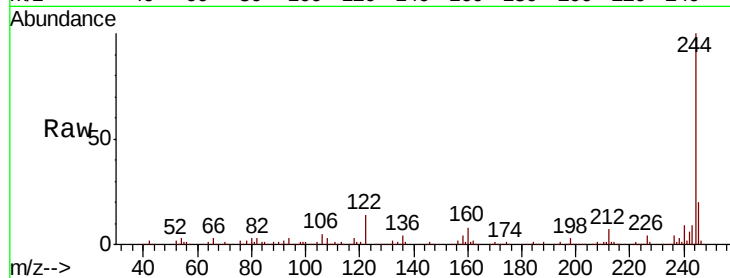
Tot Ion:244 Resp: 238821

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

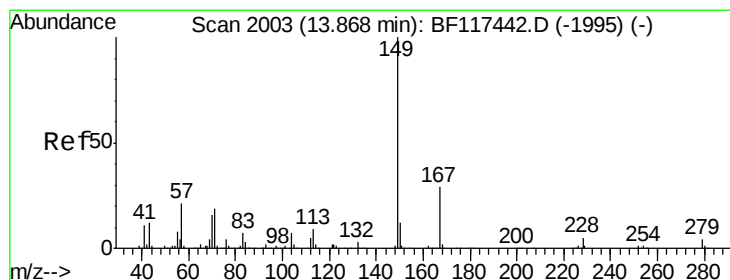
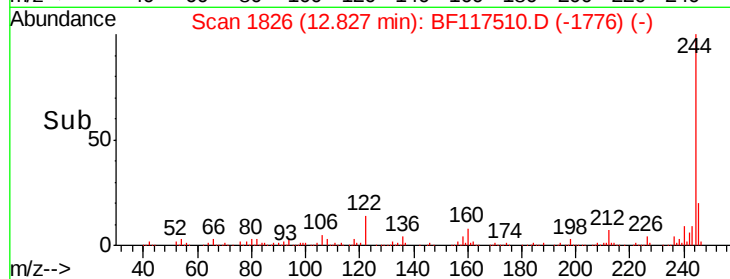
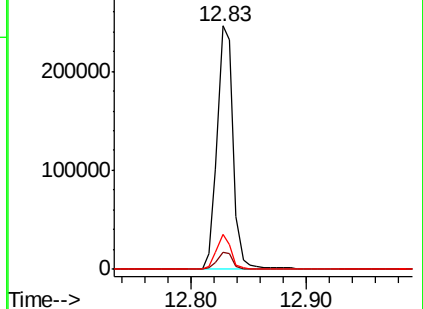
122 14.3 11.8 17.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.142 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF117510.D

Acq: 24 Oct 2019 15:19

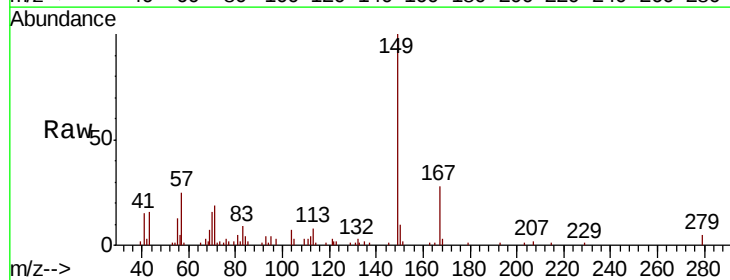
Tgt Ion:149 Resp: 26331

Ion Ratio Lower Upper

149 100

167 27.5 23.3 34.9

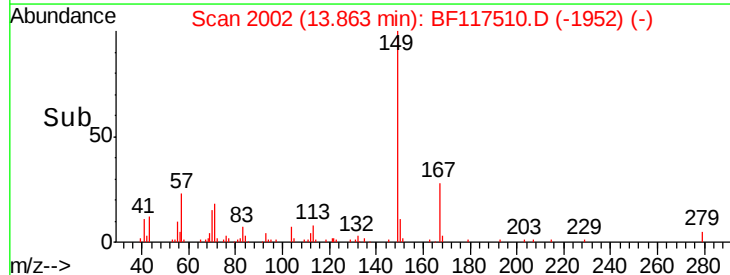
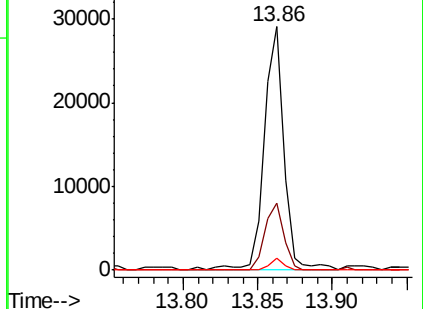
279 4.7 3.2 4.8

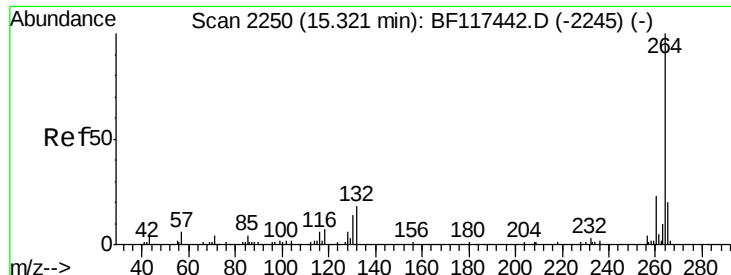


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF117510.D
 Acq: 24 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 196-58-(0-1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.4	27.6
265	22.4	16.1	24.1

