

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117434.D
 Acq On : 17 Oct 2019 21:00
 Operator : JU
 Sample : K5153-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101619

Quant Time: Oct 18 05:20:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

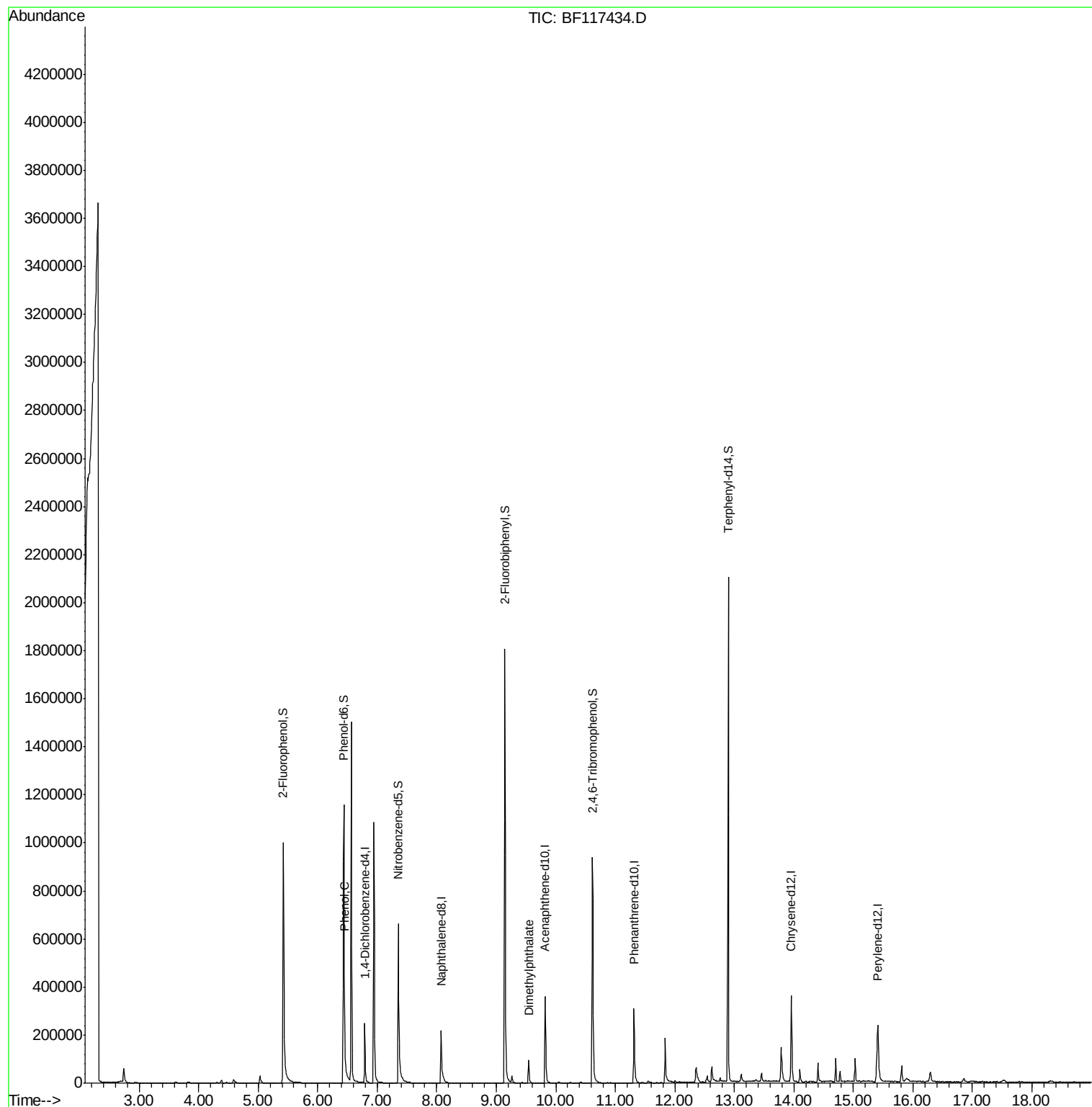
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	44424	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	178169	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	95932	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	165006	20.00	ng	0.00
76) Chrysene-d12	13.96	240	139849	20.00	ng	0.00
87) Perylene-d12	15.42	264	139890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	381707	132.20	ng	0.01
7) Phenol-d6	6.44	99	505735	132.02	ng	0.00
23) Nitrobenzene-d5	7.36	82	327233	93.10	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	122895	157.40	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	602910	91.62	ng	0.00
79) Terphenyl-d14	12.90	244	694520	80.96	ng	0.00
Target Compounds						
10) Phenol	6.45	94	11488	2.778	ng	85
50) Dimethylphthalate	9.55	163	52640	7.640	ng	99

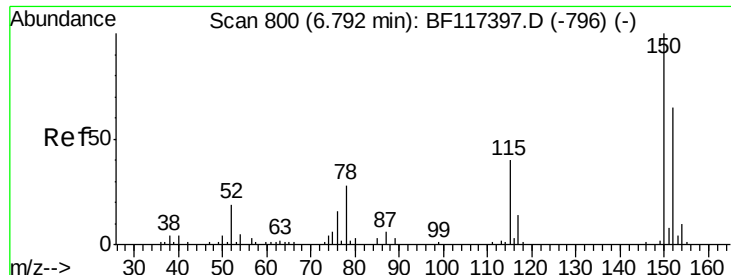
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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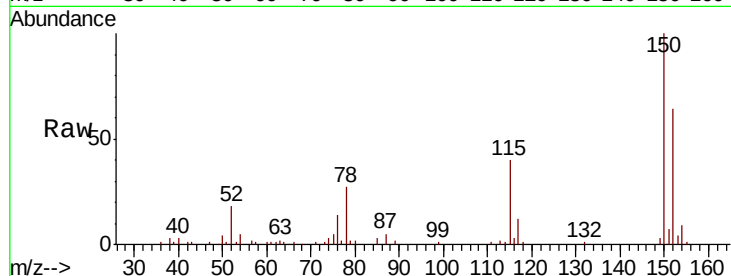


#1

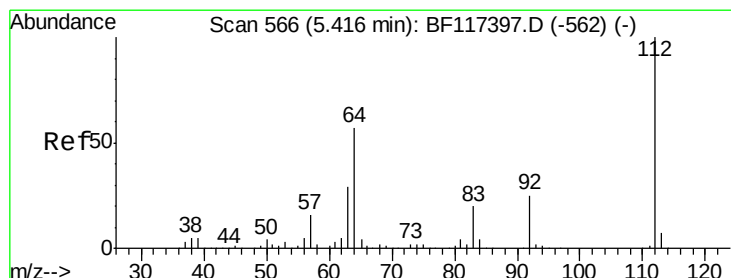
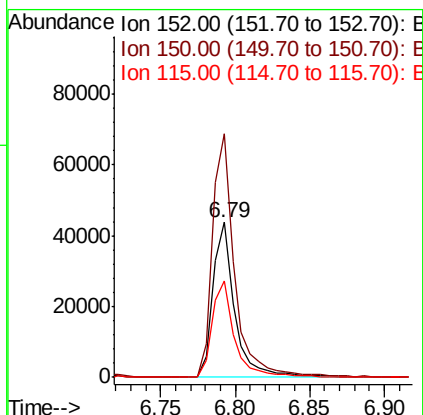
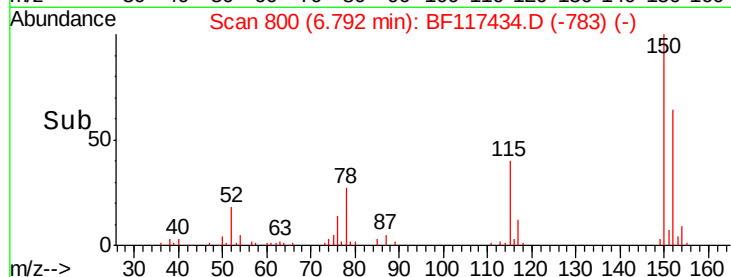
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF117434.D
 Acq: 17 Oct 2019 21:00

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101619

Tot Ion:152 Resp: 44424
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.7 184.1
 115 62.2 48.6 73.0



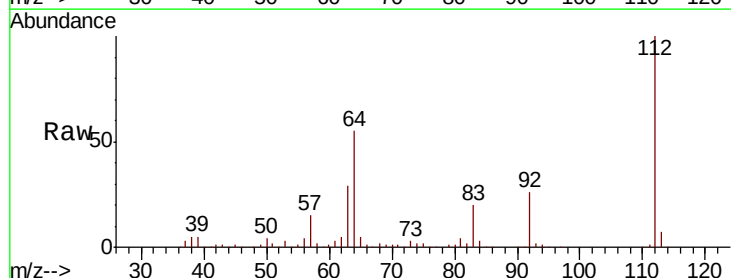
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



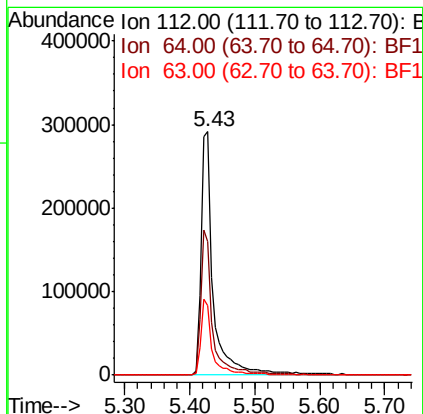
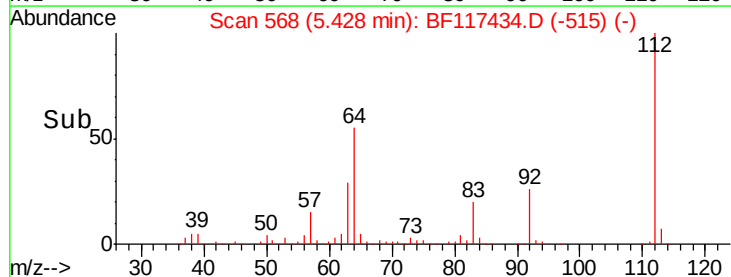
#5

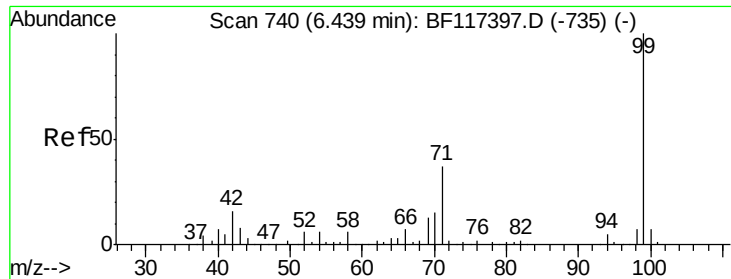
2-Fluorophenol
 Concen: 132.204 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF117434.D
 Acq: 17 Oct 2019 21:00

Tgt Ion:112 Resp: 381707
 Ion Ratio Lower Upper
 112 100
 64 54.9 45.2 67.8
 63 28.5 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: 132.017 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

Instrument :

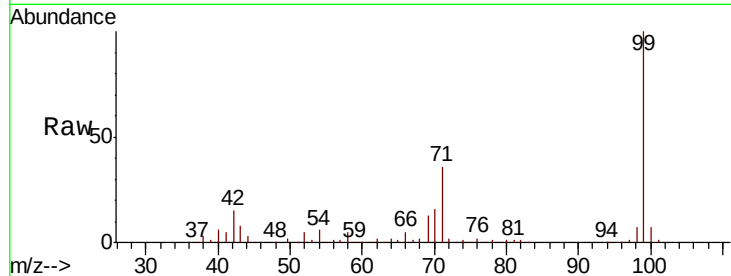
BNA_F

ClientSampleId :

TR-04-101619

Tot Ion: 99 Resp: 505735

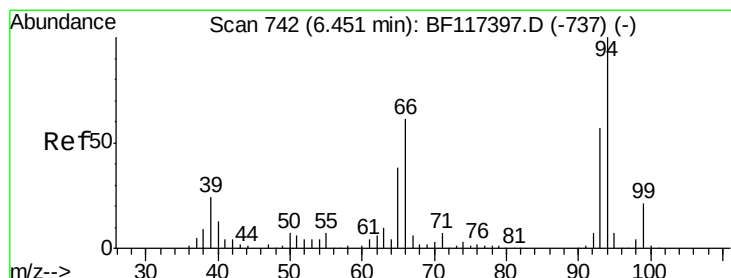
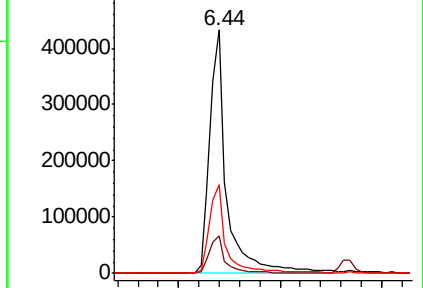
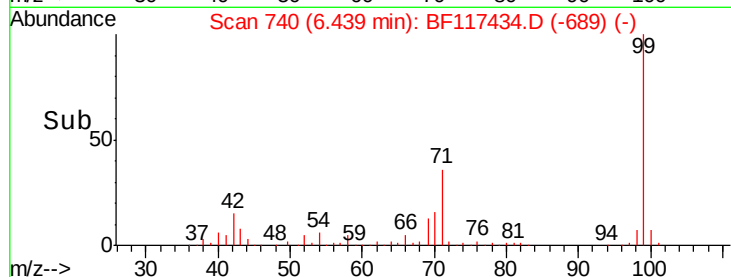
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.5	18.7
71	36.5	29.2	43.8



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: 2.778 ng

RT: 6.45 min Scan# 742

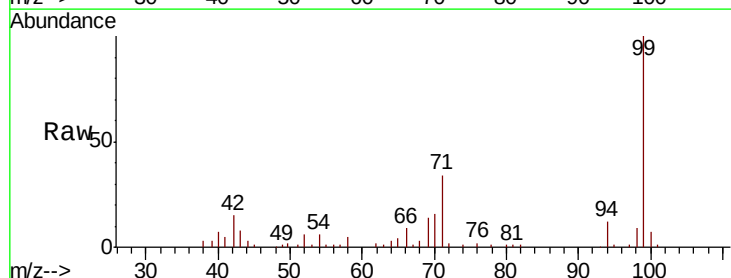
Delta R.T. 0.00 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

Tgt Ion: 94 Resp: 11488

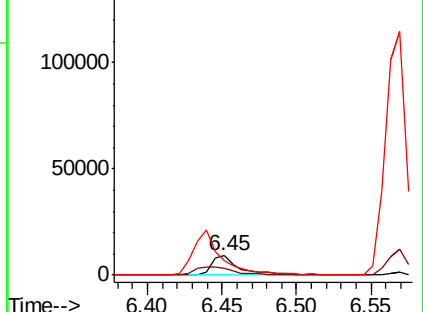
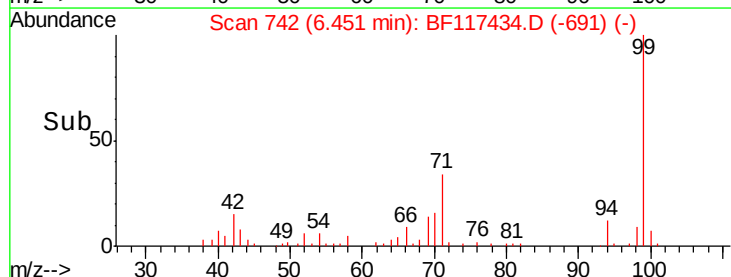
Ion	Ratio	Lower	Upper
94	100		
65	33.7	18.2	58.2
66	75.8	41.1	81.1

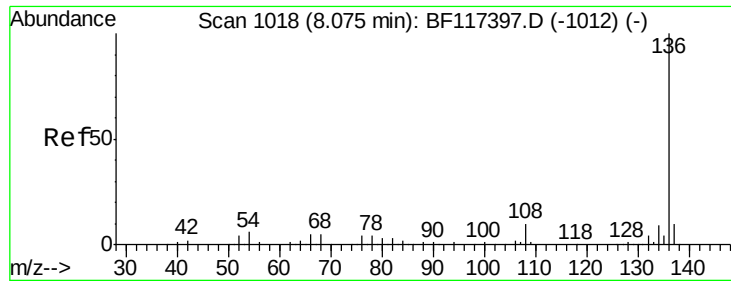


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

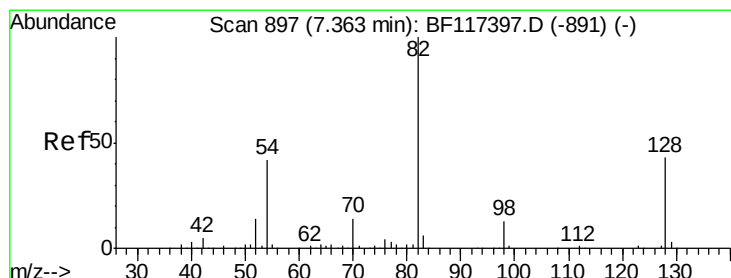
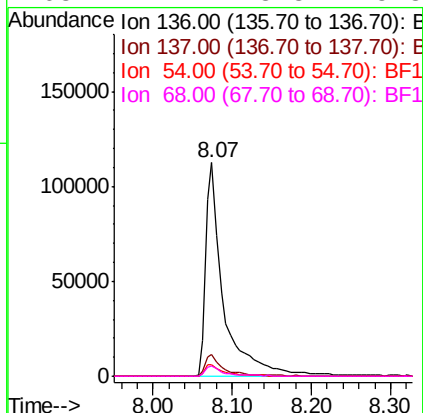
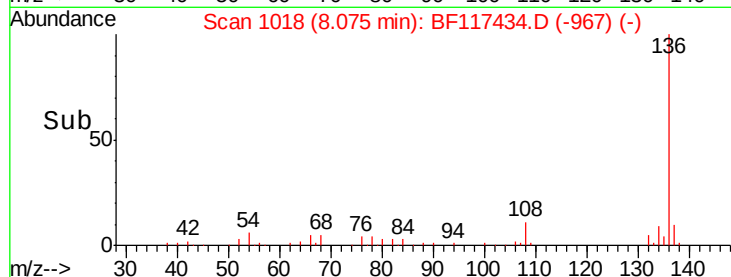
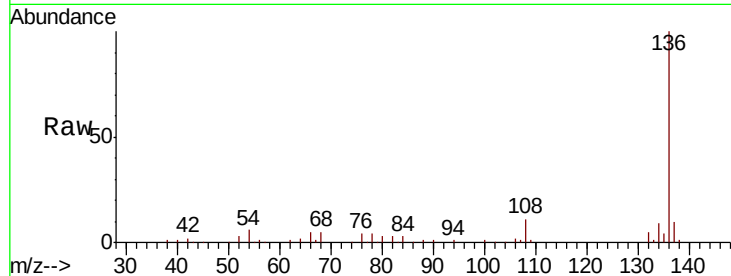




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

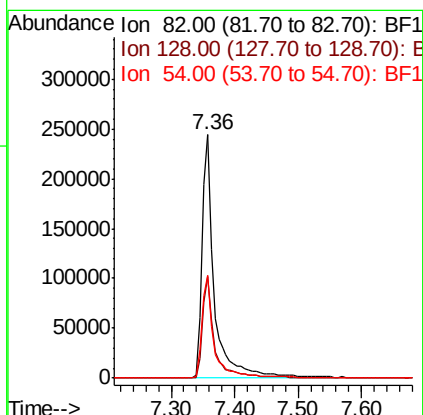
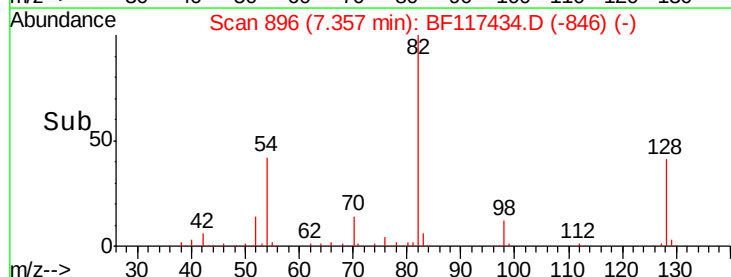
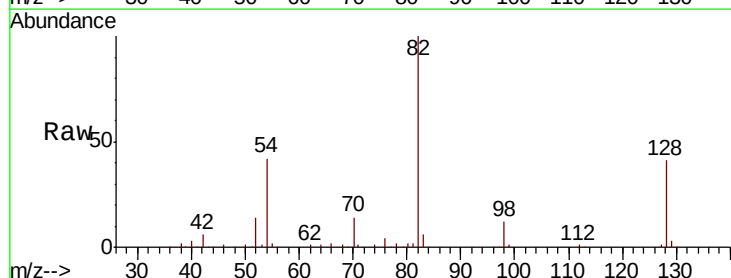
Instrument :
BNA_F
ClientSampleId :
TR-04-101619

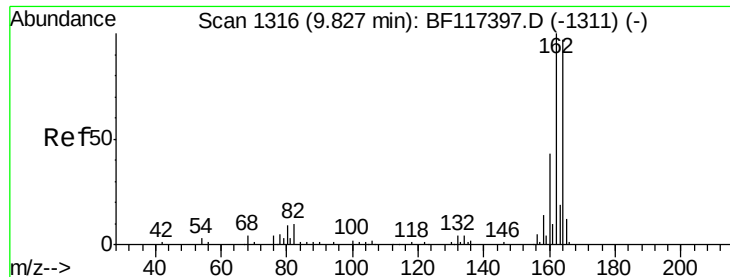
Tot Ion:136	Resp:	178169
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.4	12.6
54 5.7	4.6	6.8
68 4.7	3.8	5.8



#23
Nitrobenzene-d5
Concen: 93.100 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117434.D
Acq: 17 Oct 2019 21:00

Tgt Ion: 82	Resp: 327233
Ion Ratio	Lower Upper
82 100	
128 41.5	34.1 51.1
54 42.2	33.3 49.9

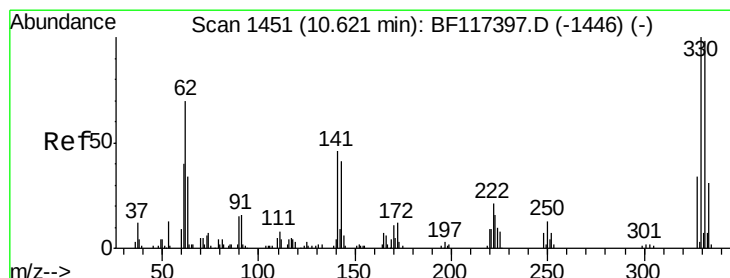
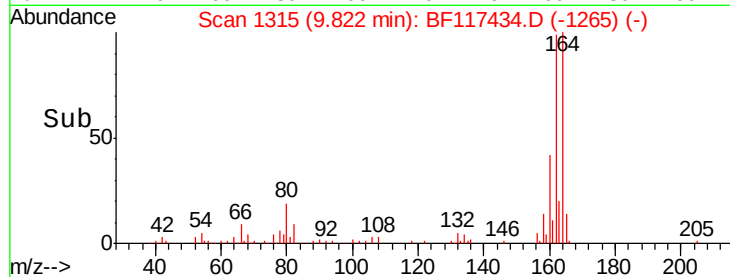
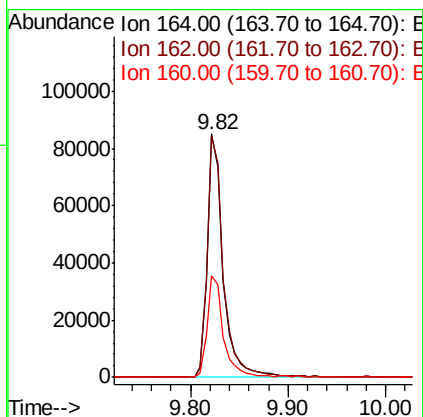
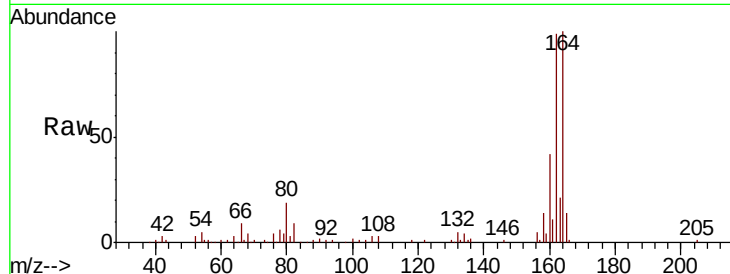




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF117434.D
 Acq: 17 Oct 2019 21:00

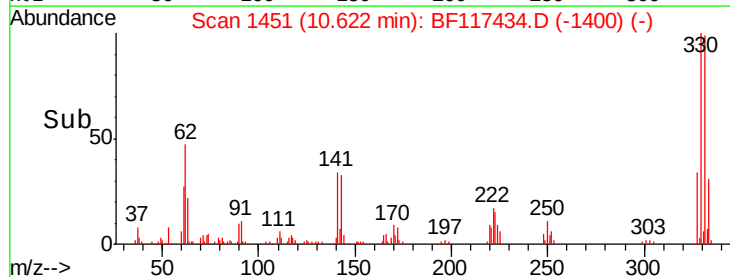
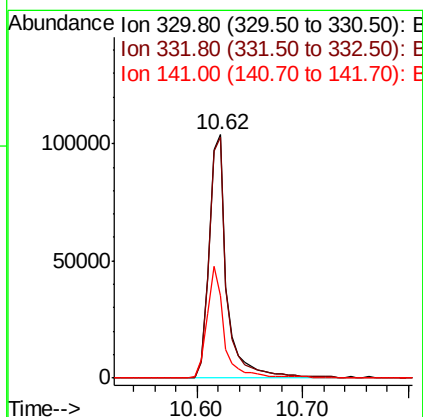
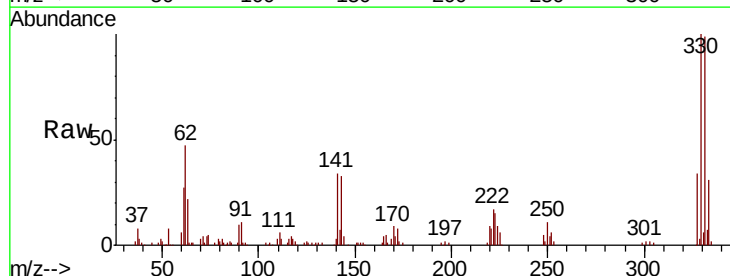
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101619

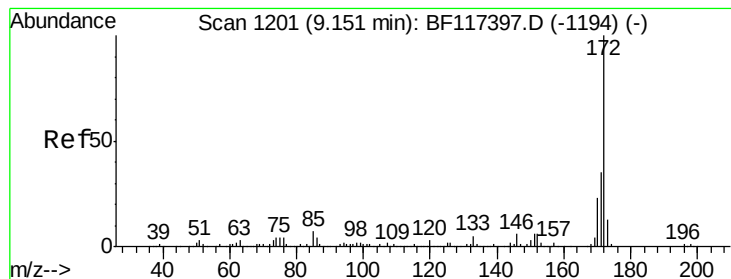
Tot Ion:164 Resp: 95932
 Ion Ratio Lower Upper
 164 100
 162 98.9 82.4 123.6
 160 41.8 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 157.405 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF117434.D
 Acq: 17 Oct 2019 21:00

Tgt Ion:330 Resp: 122895
 Ion Ratio Lower Upper
 330 100
 332 98.2 75.0 112.6
 141 44.2 34.2 51.4





#45

2-Fluorobiphenyl

Concen: 91.624 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

Instrument :

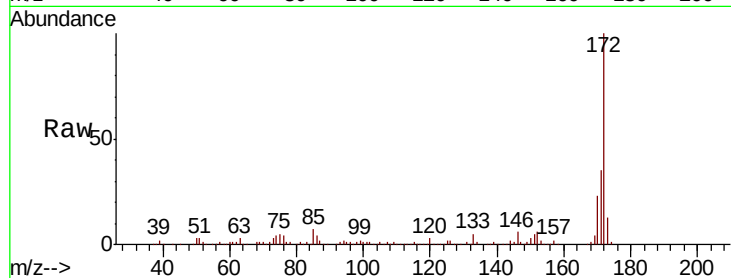
BNA_F

ClientSampleId :

TR-04-101619

Tot Ion:172 Resp: 602910

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.4	18.2	27.2

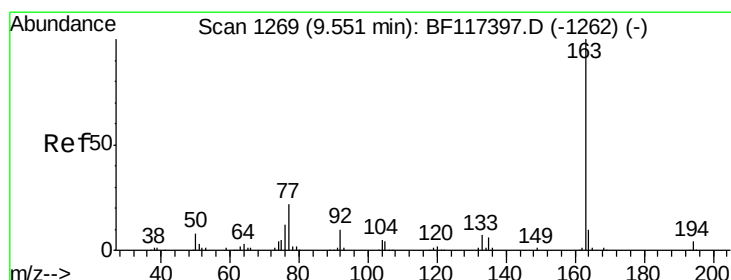
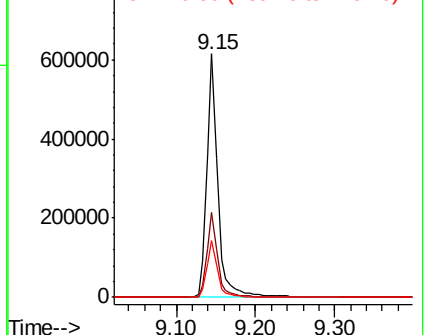
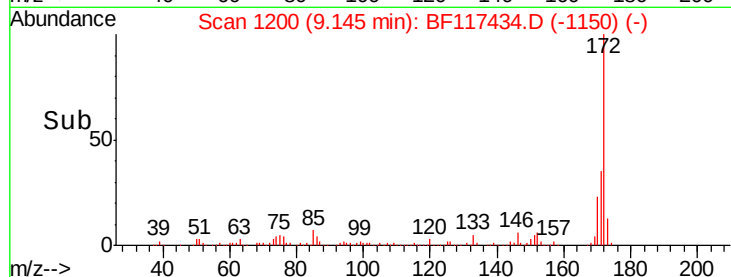


Abundance

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: 7.640 ng

RT: 9.55 min Scan# 1268

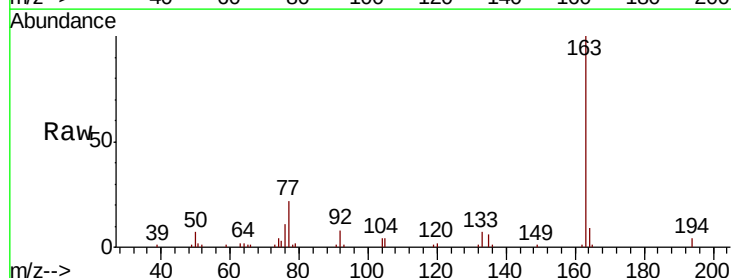
Delta R.T. -0.01 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

Tgt Ion:163 Resp: 52640

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.5	8.0	12.0

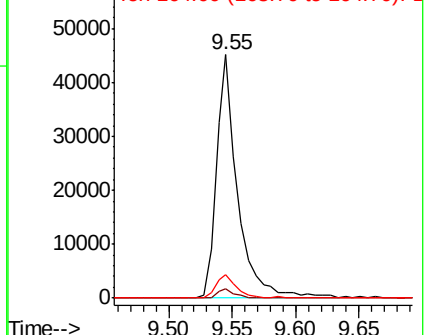
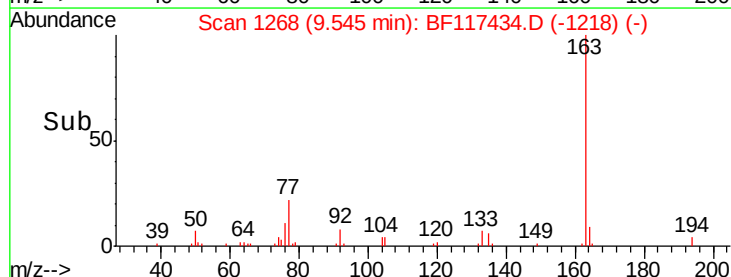


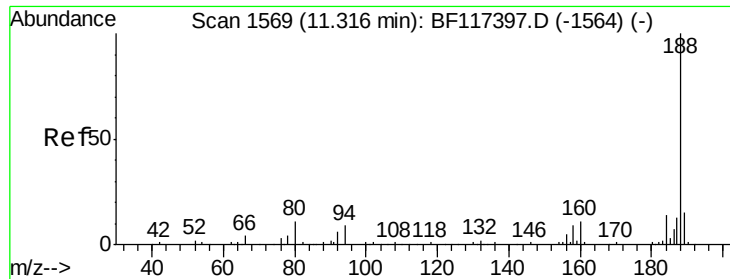
Abundance

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: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

Instrument :

BNA_F

ClientSampleId :

TR-04-101619

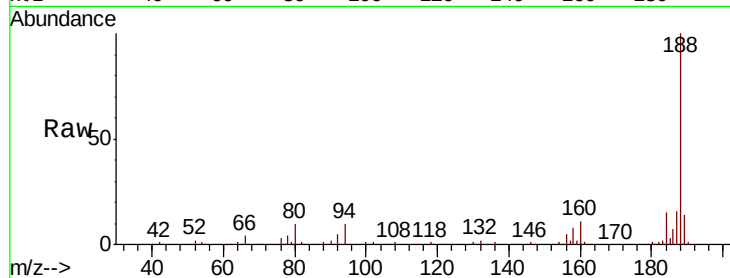
Tot Ion:188 Resp: 165006

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

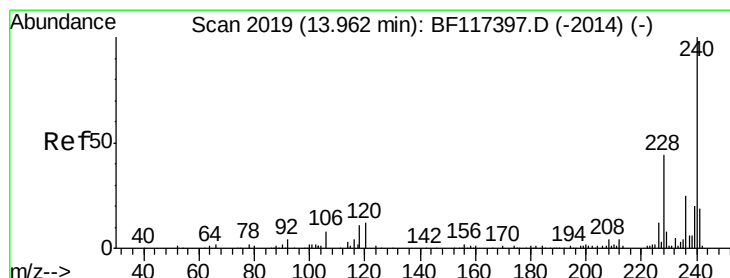
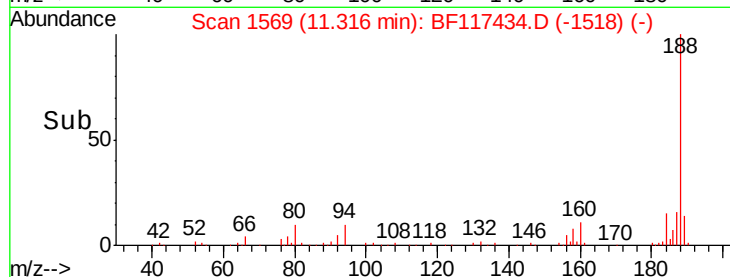
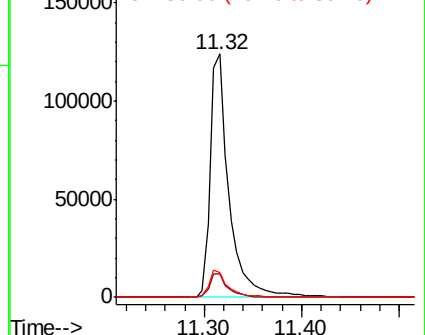
80 10.1 8.7 13.1



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: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

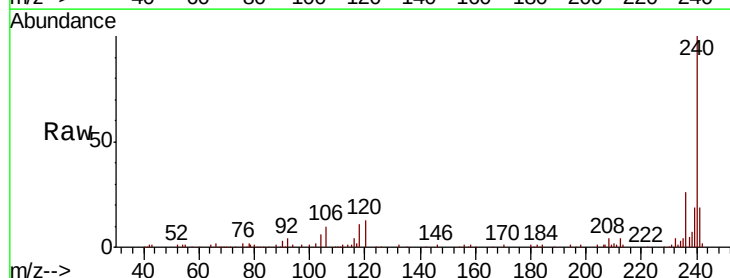
Tgt Ion:240 Resp: 139849

Ion Ratio Lower Upper

240 100

120 12.6 9.4 14.0

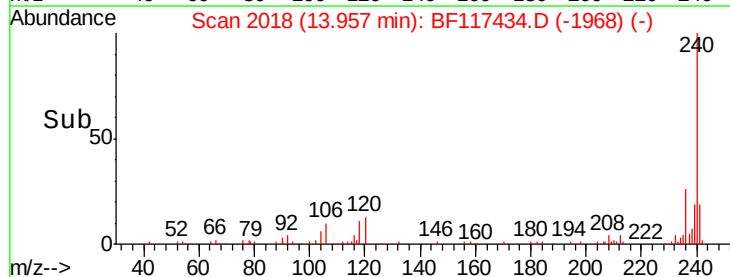
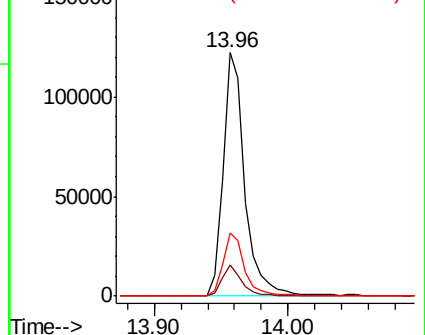
236 26.1 19.8 29.6

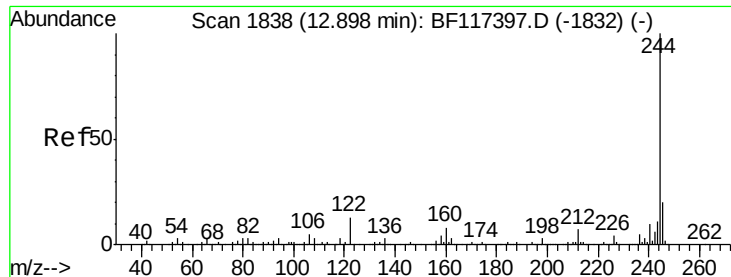


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.957 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

Instrument :

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TR-04-101619

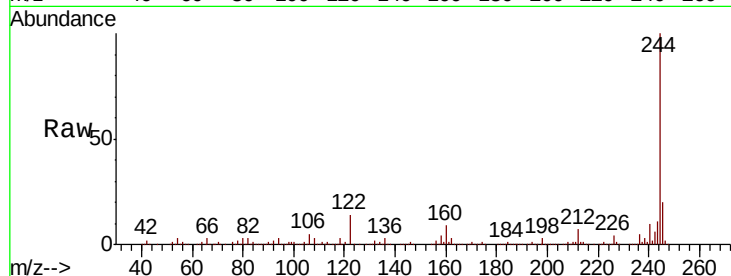
Tot Ion:244 Resp: 694520

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

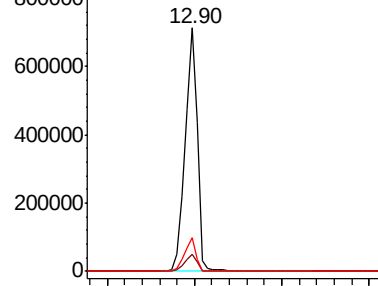
122 14.0 10.7 16.1



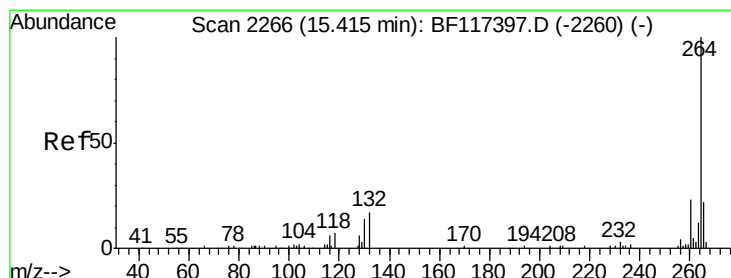
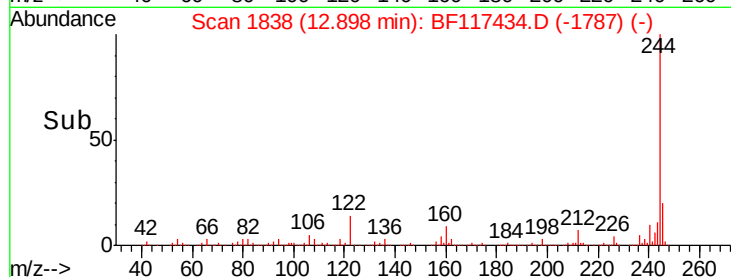
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF117434.D

Acq: 17 Oct 2019 21:00

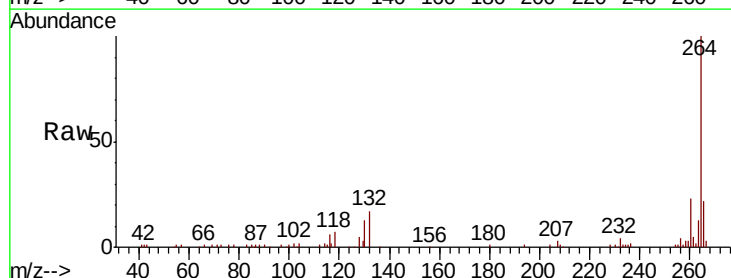
Tgt Ion:264 Resp: 139890

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

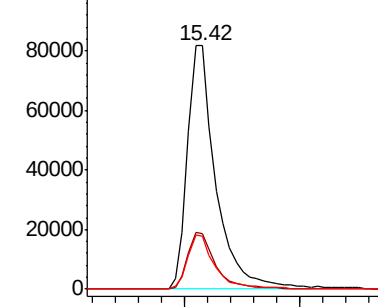
265 21.8 17.4 26.0



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



Time--> 15.40 15.50

