

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117431.D
 Acq On : 17 Oct 2019 19:40
 Operator : JU
 Sample : K5393-26
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-16-G1-(0-27)

Quant Time: Oct 18 05:06:44 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

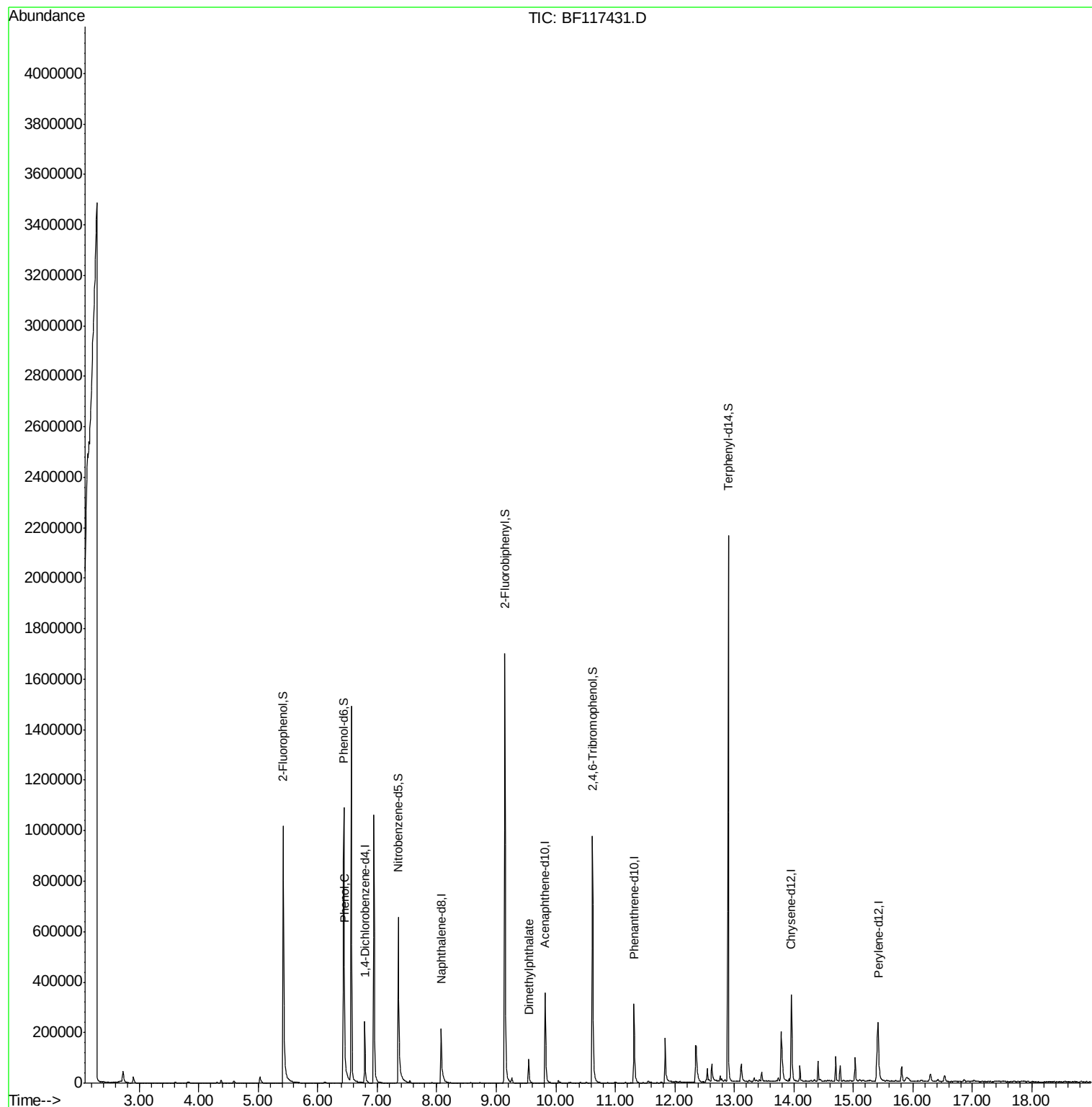
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	44791	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	177430	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	94850	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	164702	20.00	ng	0.00
76) Chrysene-d12	13.96	240	148720	20.00	ng	0.00
87) Perylene-d12	15.42	264	150530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	370911	127.41	ng	0.00
7) Phenol-d6	6.44	99	496132	128.45	ng	0.00
23) Nitrobenzene-d5	7.36	82	314741	89.92	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	122868	159.17	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	581925	89.44	ng	0.00
79) Terphenyl-d14	12.90	244	710089	77.83	ng	0.00
Target Compounds						
10) Phenol	6.45	94	12341	2.960	ng	87
50) Dimethylphthalate	9.55	163	54738	8.036	ng	99

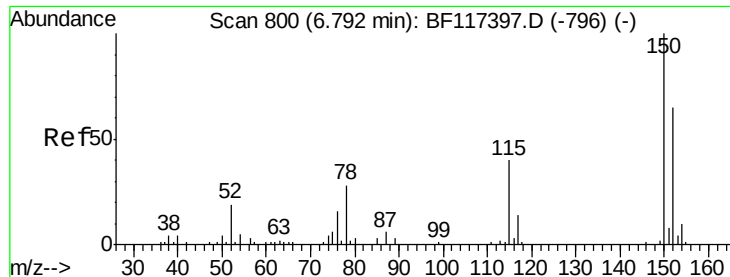
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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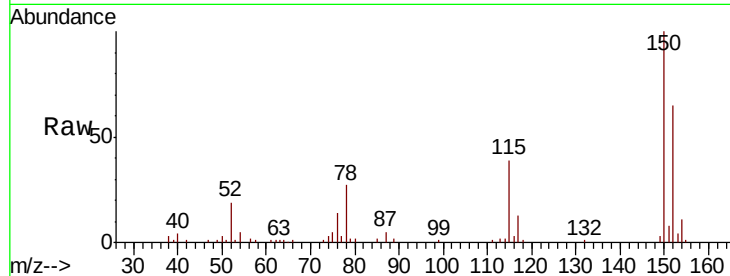


#1

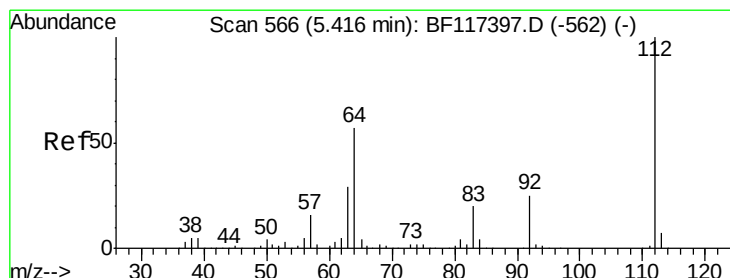
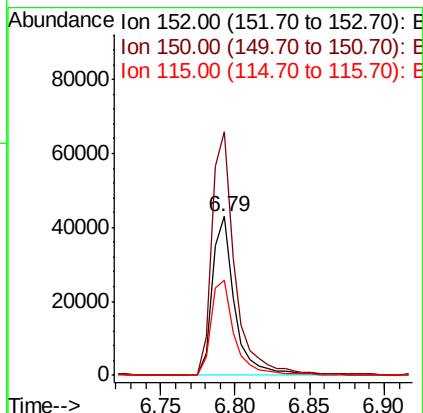
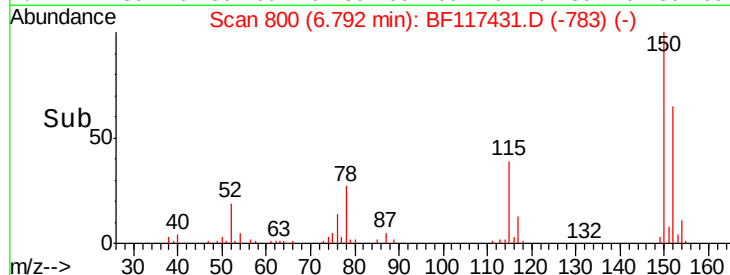
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117431.D
Acq: 17 Oct 2019 19:40

Instrument :
BNA_F
ClientSampleId :
T-16-G1-(0-27)

Tot Ion:152 Resp: 44791
Ion Ratio Lower Upper
152 100
150 153.3 122.7 184.1
115 60.0 48.6 73.0



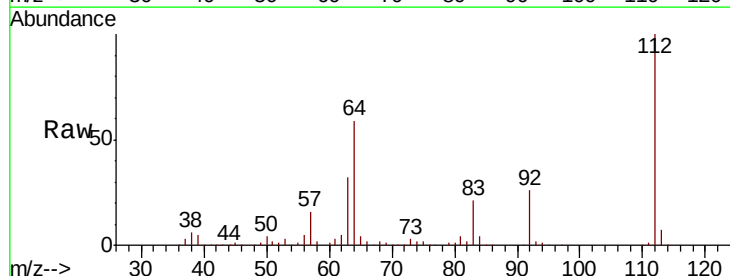
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



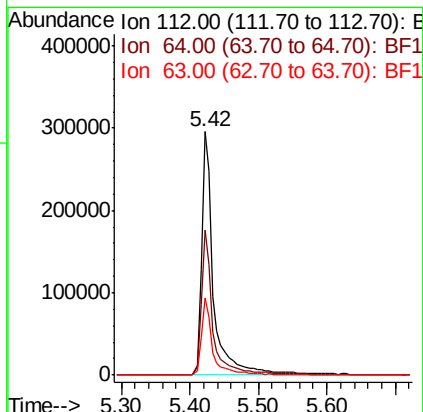
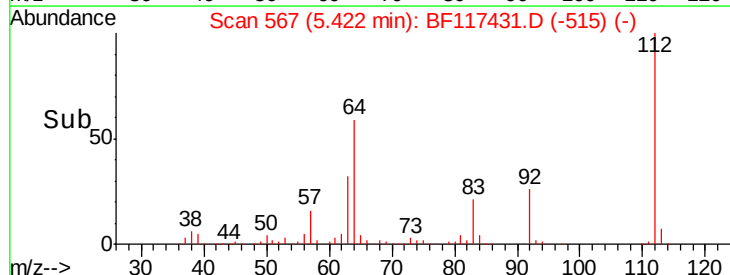
#5

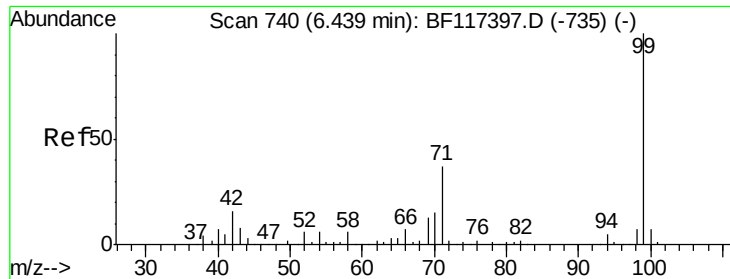
2-Fluorophenol
Concen: 127.413 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117431.D
Acq: 17 Oct 2019 19:40

Tgt Ion:112 Resp: 370911
Ion Ratio Lower Upper
112 100
64 59.5 45.2 67.8
63 31.8 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: 128.450 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117431.D

Acq: 17 Oct 2019 19:40

Instrument :

BNA_F

ClientSampleId :

T-16-G1-(0-27)

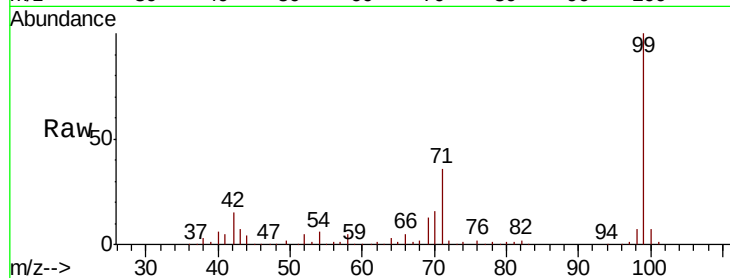
Tot Ion: 99 Resp: 496132

Ion Ratio Lower Upper

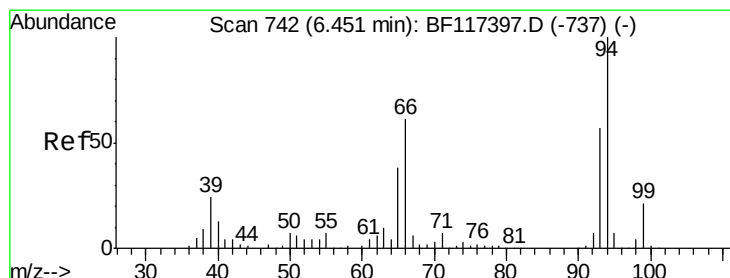
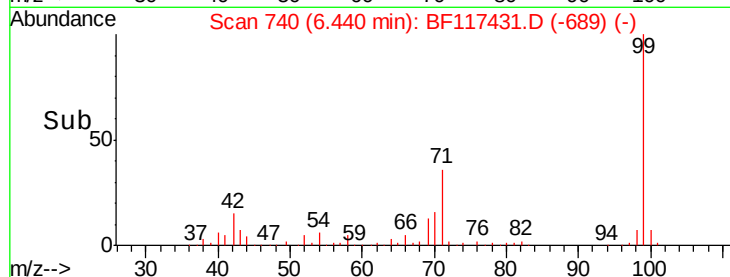
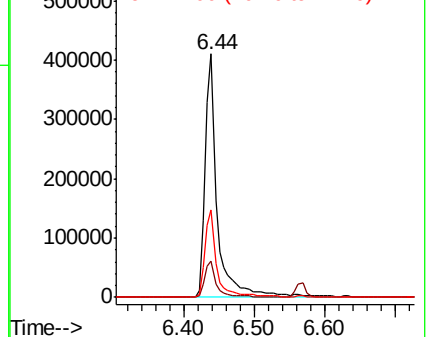
99 100

42 15.1 12.5 18.7

71 36.1 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: 2.960 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117431.D

Acq: 17 Oct 2019 19:40

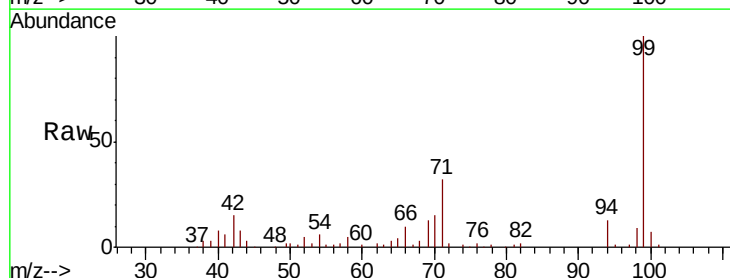
Tgt Ion: 94 Resp: 12341

Ion Ratio Lower Upper

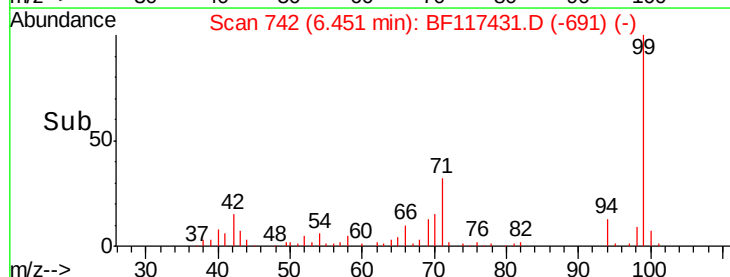
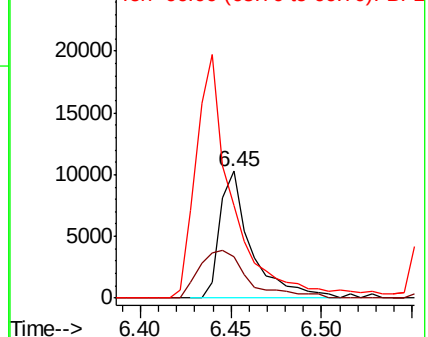
94 100

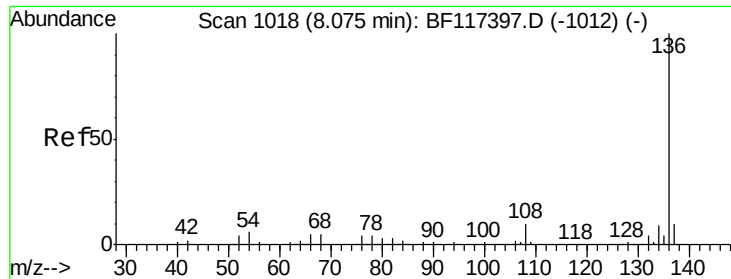
65 32.8 18.2 58.2

66 73.2 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

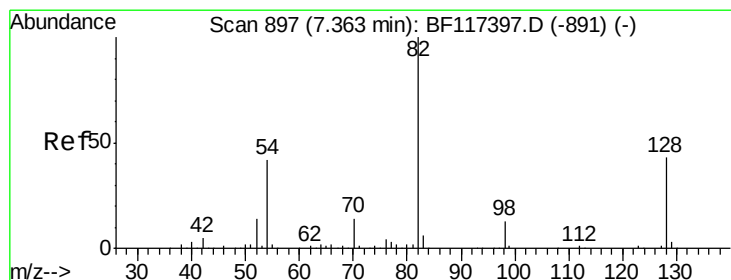
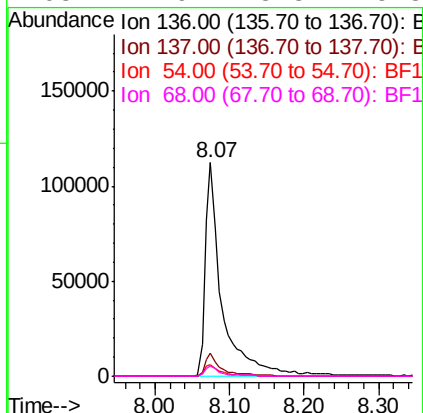
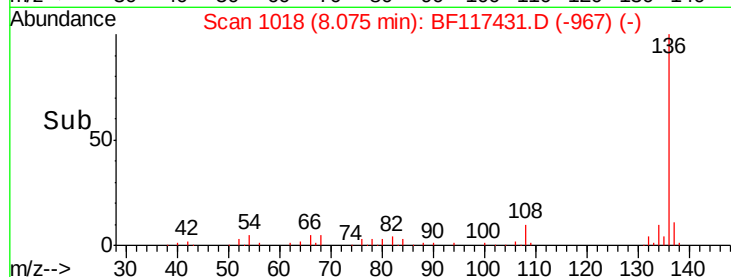
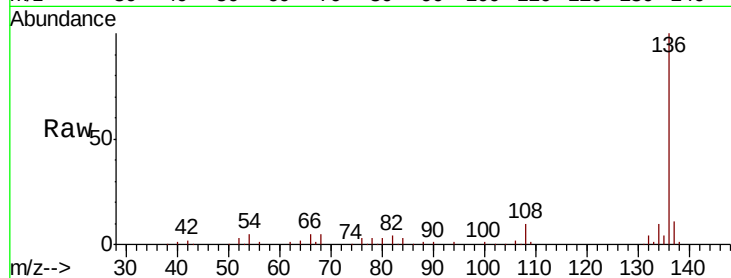




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117431.D
Acq: 17 Oct 2019 19:40

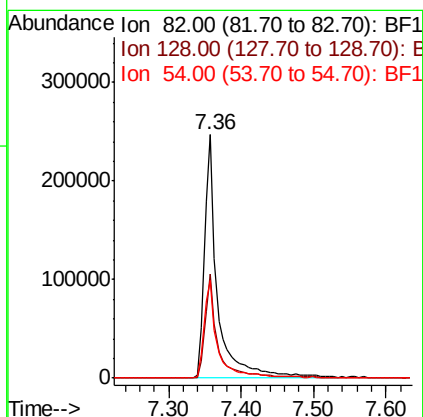
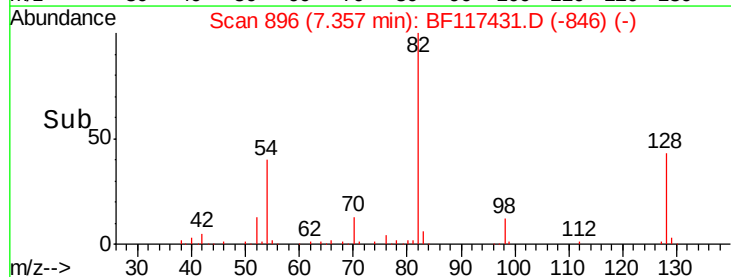
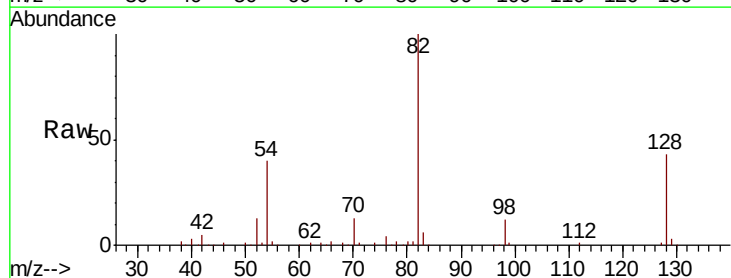
Instrument :
BNA_F
ClientSampleId :
T-16-G1-(0-27)

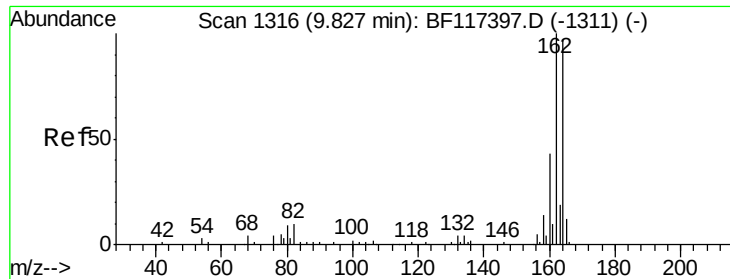
Tot Ion:136	Resp:	177430	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	8.4	12.6	
54 5.4	4.6	6.8	
68 4.9	3.8	5.8	



#23
Nitrobenzene-d5
Concen: 89.919 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117431.D
Acq: 17 Oct 2019 19:40

Tgt Ion: 82	Resp: 314741
Ion Ratio	Lower Upper
82 100	
128 42.8	34.1 51.1
54 39.9	33.3 49.9

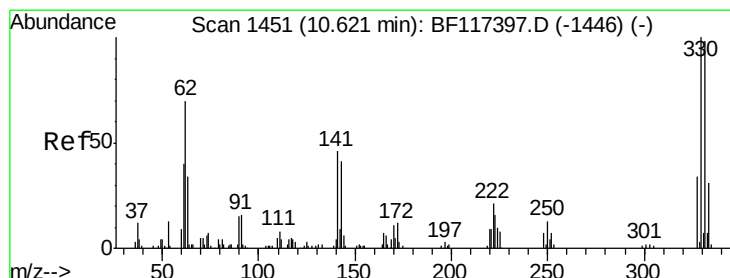
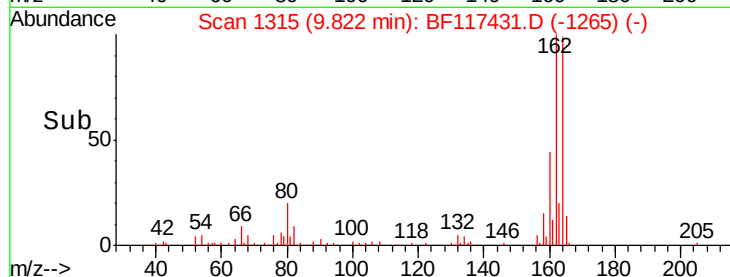
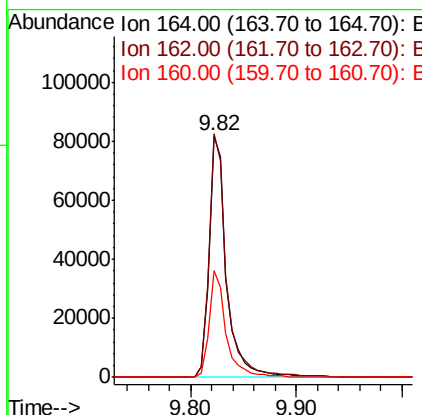
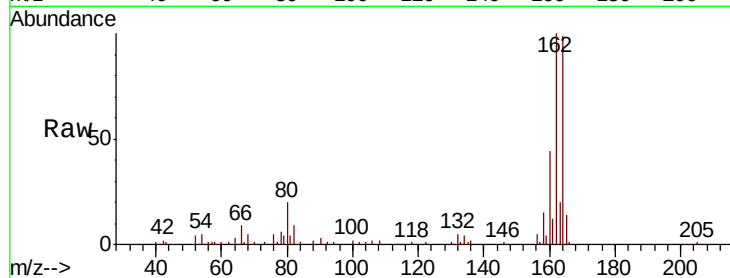




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF117431.D
Acq: 17 Oct 2019 19:40

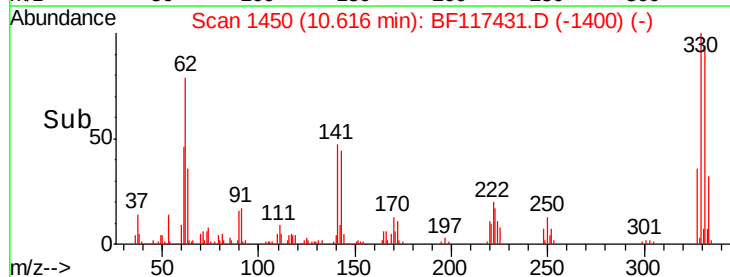
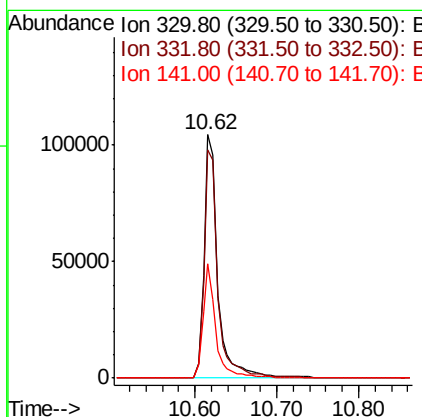
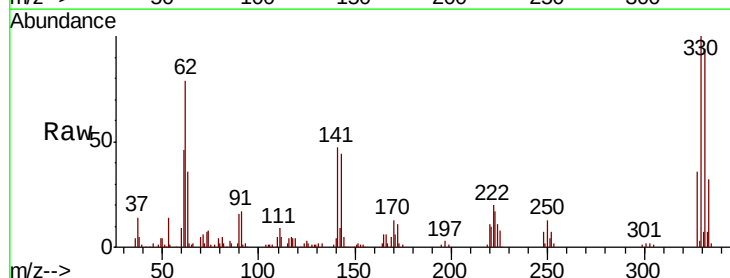
Instrument :
BNA_F
ClientSampleId :
T-16-G1-(0-27)

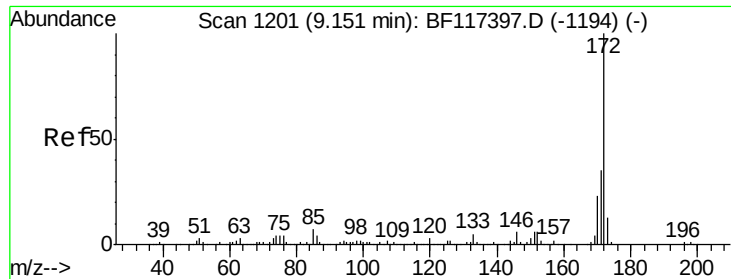
Tot Ion:164 Resp: 94850
Ion Ratio Lower Upper
164 100
162 101.0 82.4 123.6
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 159.165 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF117431.D
Acq: 17 Oct 2019 19:40

Tgt Ion:330 Resp: 122868
Ion Ratio Lower Upper
330 100
332 93.1 75.0 112.6
141 43.4 34.2 51.4

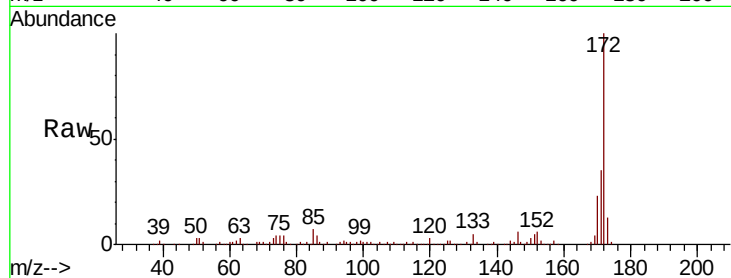




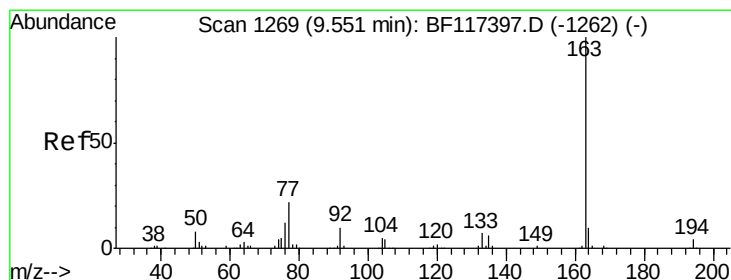
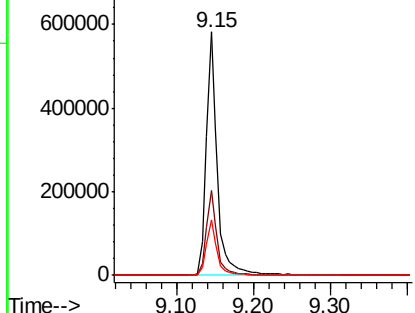
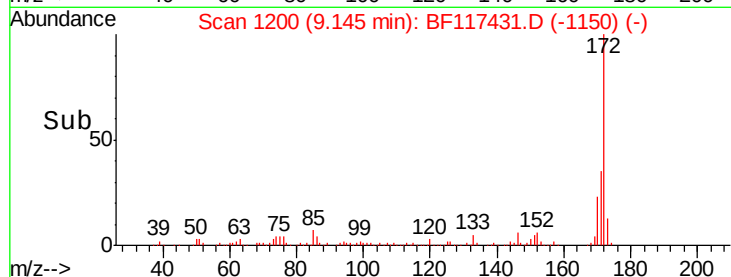
#45
 2-Fluorobiphenyl
 Concen: 89.444 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF117431.D
 Acq: 17 Oct 2019 19:40

Instrument :
 BNA_F
 ClientSampleId :
 T-16-G1-(0-27)

Tot Ion:172 Resp: 581925
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.2 42.2
 170 22.6 18.2 27.2

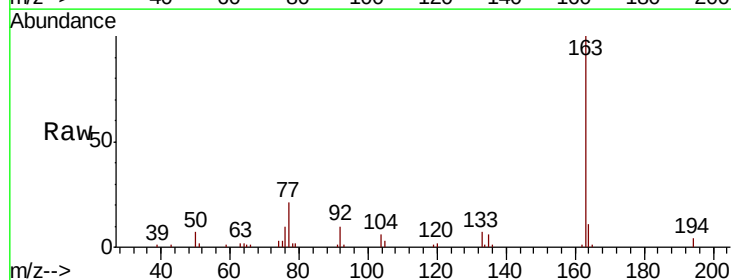


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

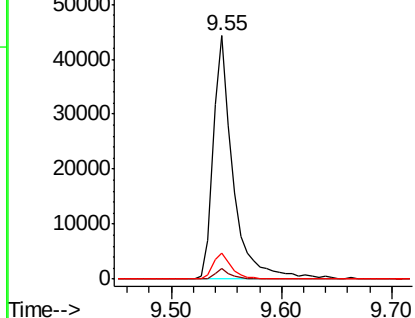
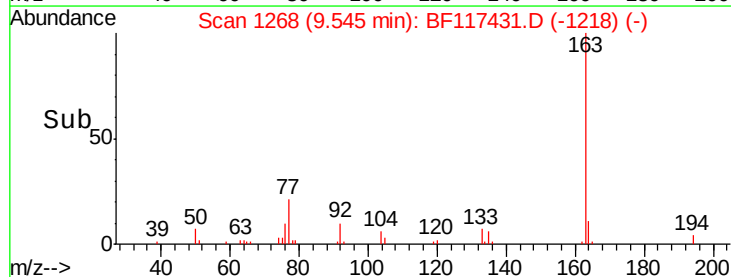


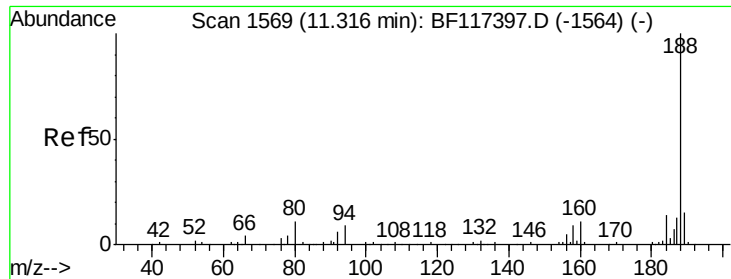
#50
 Dimethylphthalate
 Concen: 8.036 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF117431.D
 Acq: 17 Oct 2019 19:40

Tgt Ion:163 Resp: 54738
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.1 4.7
 164 10.6 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

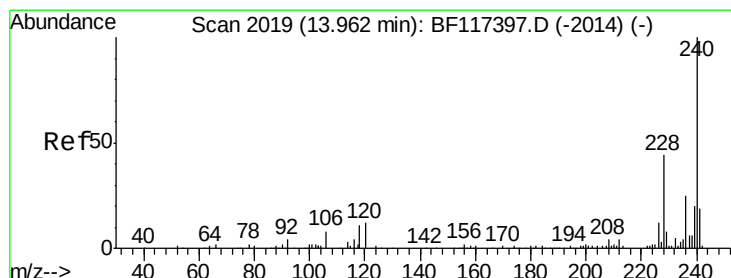
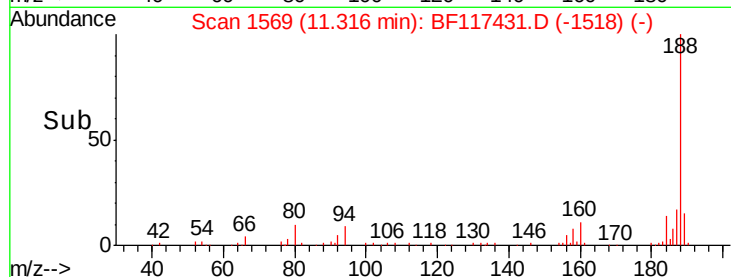
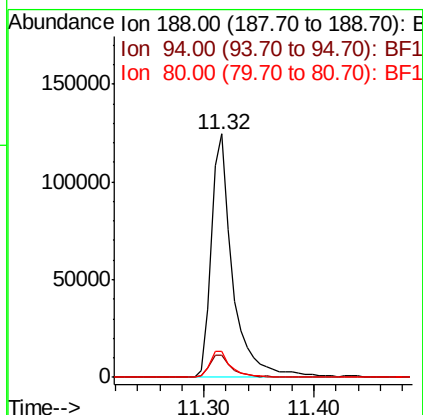
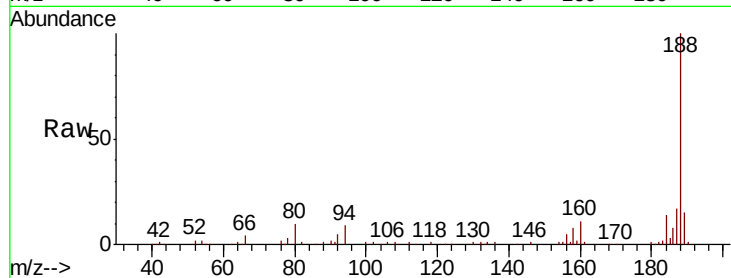




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117431.D
Acq: 17 Oct 2019 19:40

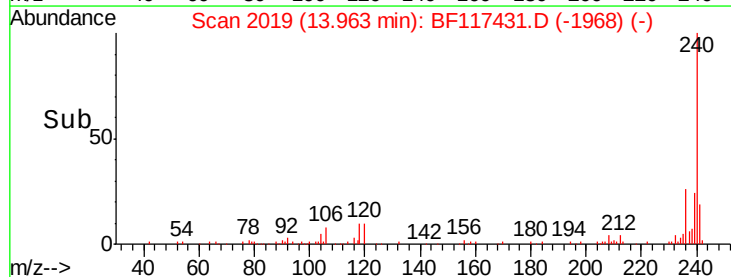
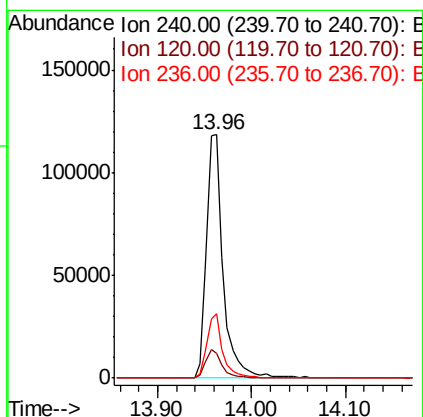
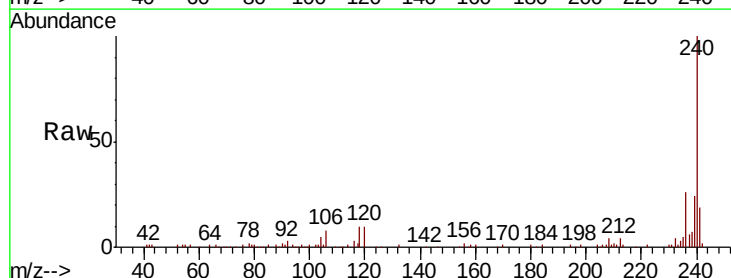
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BNA_F
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T-16-G1-(0-27)

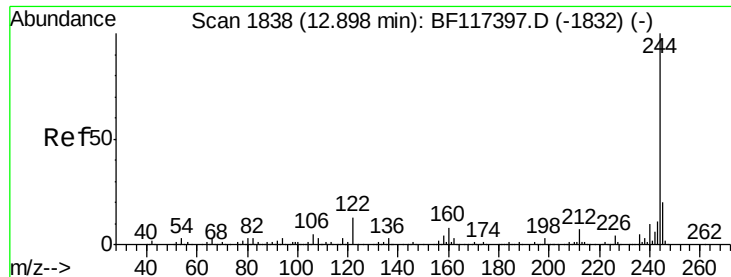
Tot Ion:188 Resp: 164702
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 10.5 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117431.D
Acq: 17 Oct 2019 19:40

Tgt Ion:240 Resp: 148720
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.0
236 26.4 19.8 29.6





#79

Terphenyl-d14

Concen: 77.835 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117431.D

Acq: 17 Oct 2019 19:40

Instrument :

BNA_F

ClientSampleId :

T-16-G1-(0-27)

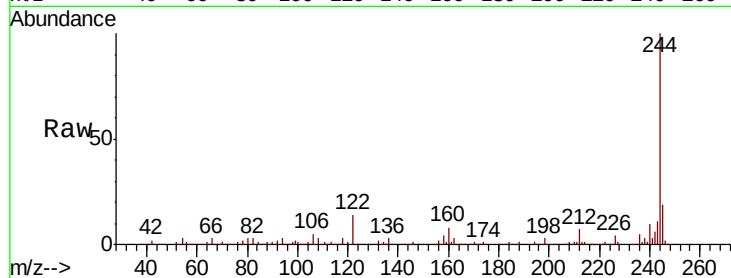
Tot Ion:244 Resp: 710089

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

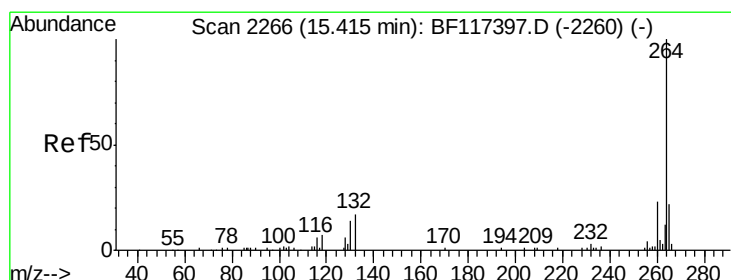
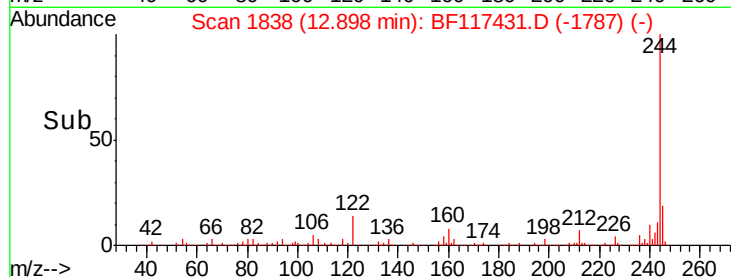
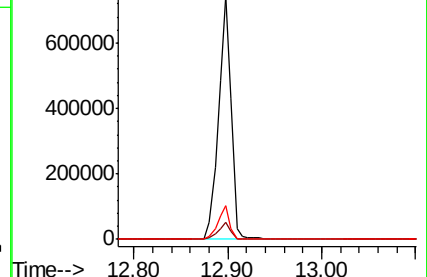
122 14.0 10.7 16.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF117431.D

Acq: 17 Oct 2019 19:40

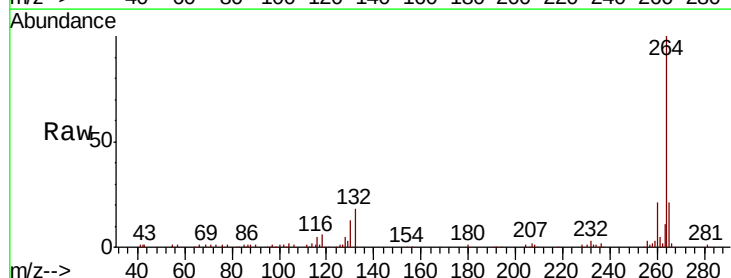
Tgt Ion:264 Resp: 150530

Ion Ratio Lower Upper

264 100

260 21.4 18.6 27.8

265 20.6 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

