

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117437.D
 Acq On : 17 Oct 2019 22:20
 Operator : JU
 Sample : K5393-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-13-V1-(0-24)

Quant Time: Oct 18 05:28:33 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

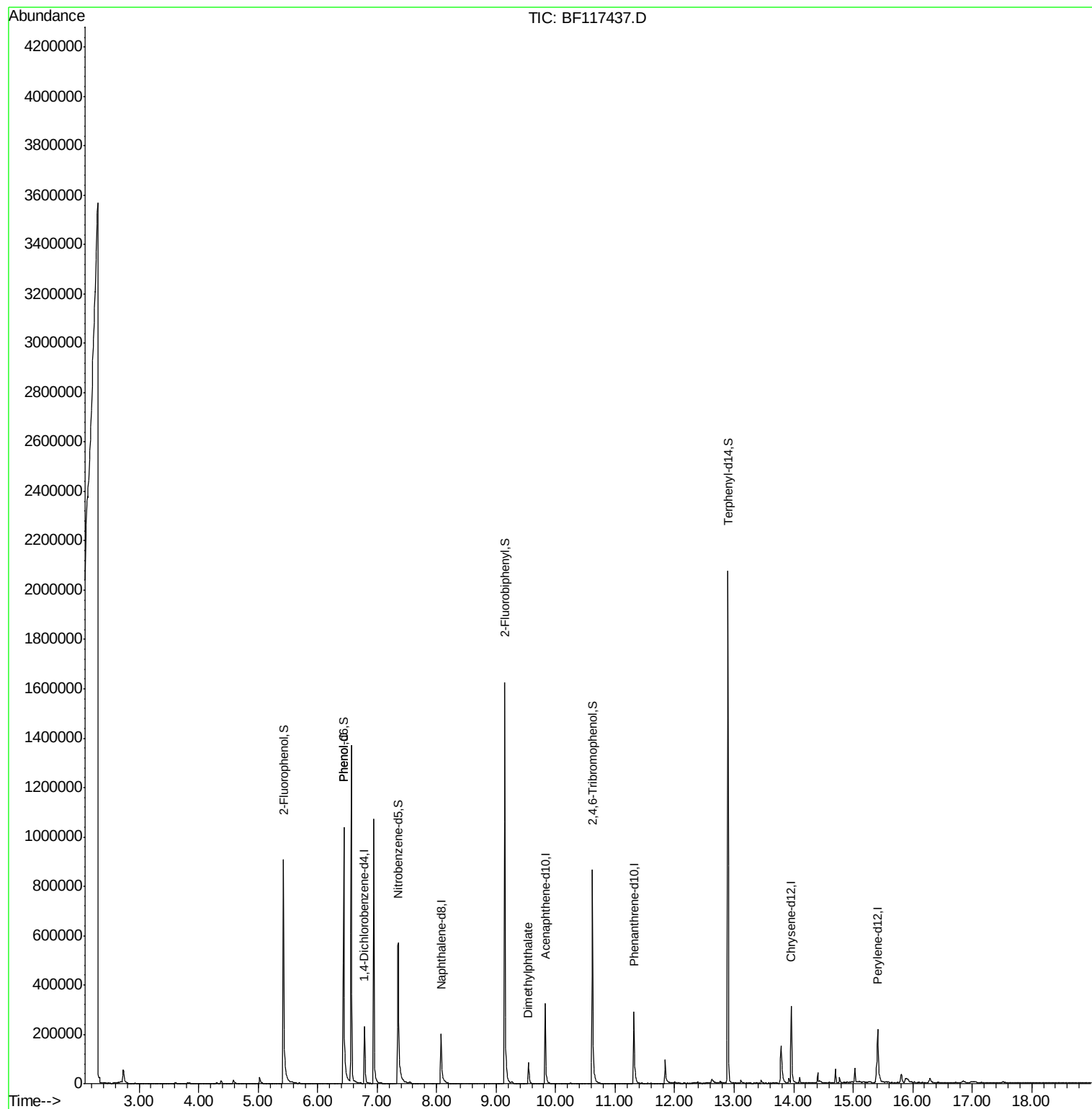
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	44022	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	177901	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	94731	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	164086	20.00	ng	0.00
76) Chrysene-d12	13.96	240	140293	20.00	ng	0.00
87) Perylene-d12	15.42	264	145573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	369858	129.27	ng	0.01
7) Phenol-d6	6.44	99	496032	130.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	316849	90.28	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	118880	154.19	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	586712	90.29	ng	0.00
79) Terphenyl-d14	12.90	244	682424	79.30	ng	0.00
Target Compounds						
10) Phenol	6.45	94	13967	3.408	ng	Qvalue # 73
50) Dimethylphthalate	9.55	163	54196	7.966	ng	97

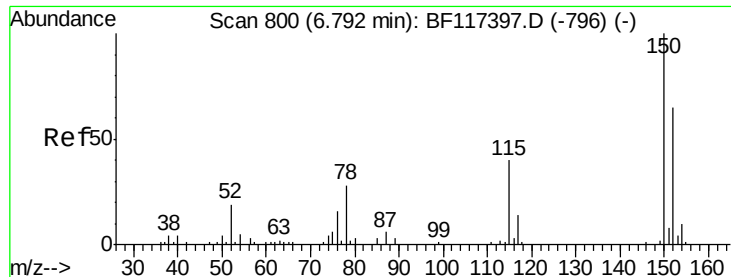
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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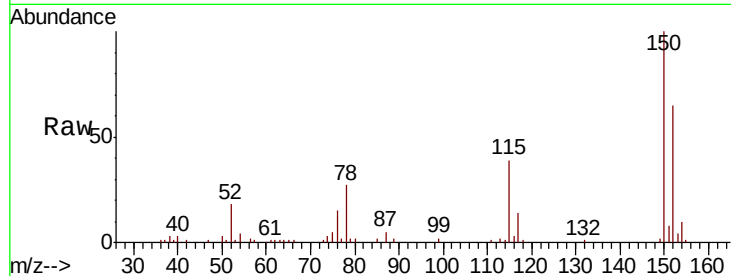


#1

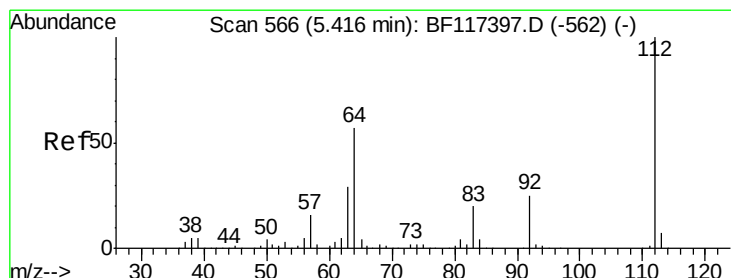
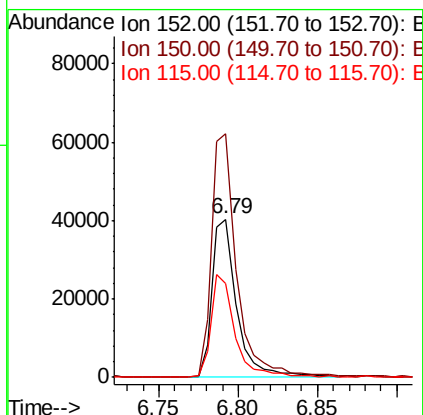
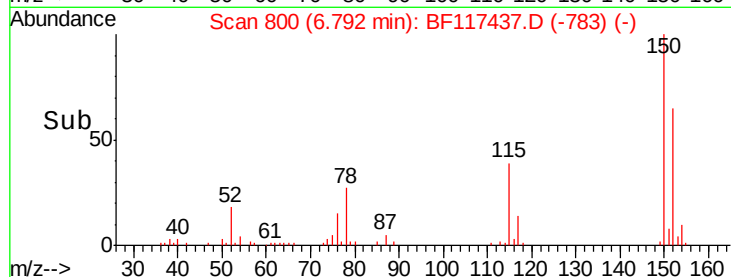
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117437.D
Acq: 17 Oct 2019 22:20

Instrument :
BNA_F
ClientSampleId :
T-13-V1-(0-24)

Tot Ion:152 Resp: 44022
Ion Ratio Lower Upper
152 100
150 154.0 122.7 184.1
115 59.4 48.6 73.0



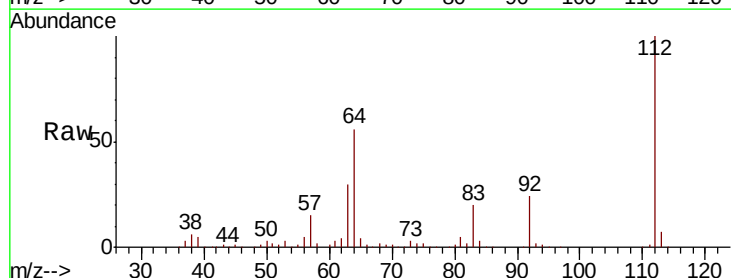
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



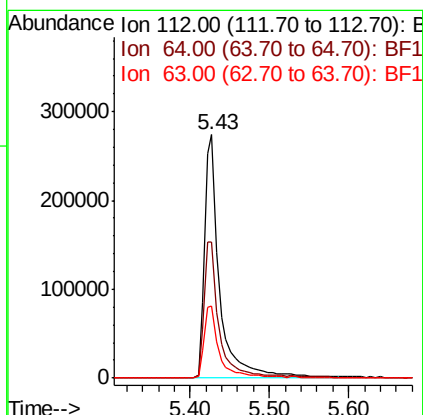
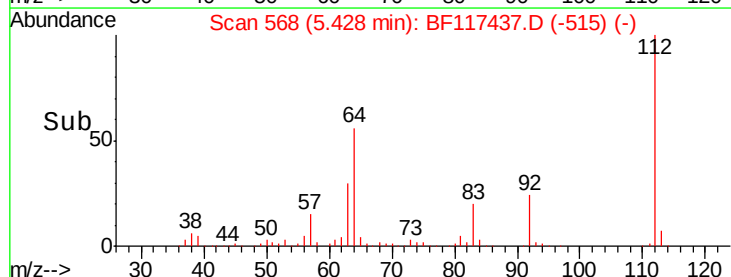
#5

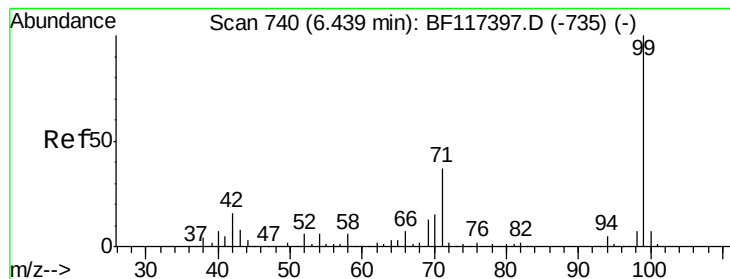
2-Fluorophenol
Concen: 129.270 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF117437.D
Acq: 17 Oct 2019 22:20

Tgt Ion:112 Resp: 369858
Ion Ratio Lower Upper
112 100
64 55.7 45.2 67.8
63 29.8 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: 130.667 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117437.D

Acq: 17 Oct 2019 22:20

Instrument :

BNA_F

ClientSampleId :

T-13-V1-(0-24)

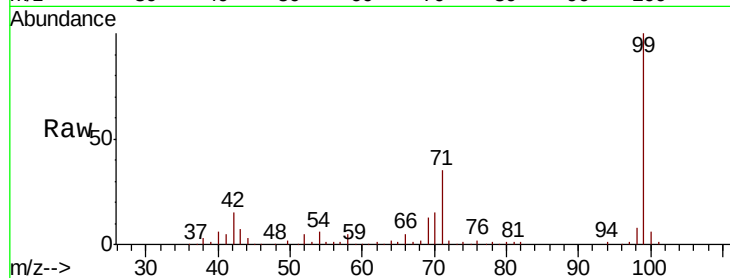
Tot Ion: 99 Resp: 496032

Ion Ratio Lower Upper

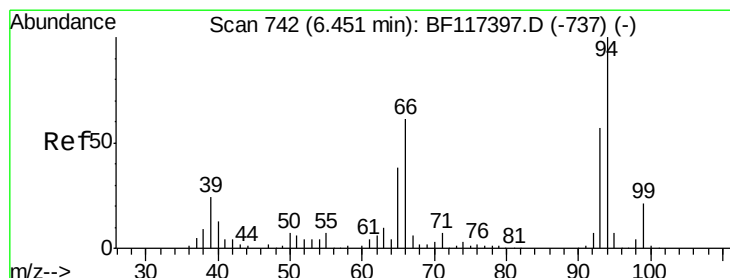
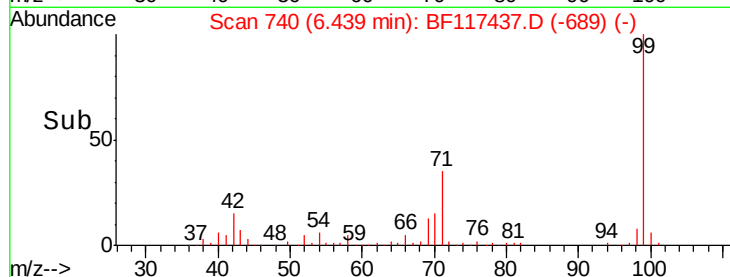
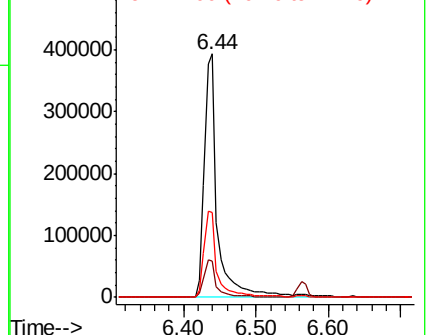
99 100

42 15.0 12.5 18.7

71 34.8 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: 3.408 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117437.D

Acq: 17 Oct 2019 22:20

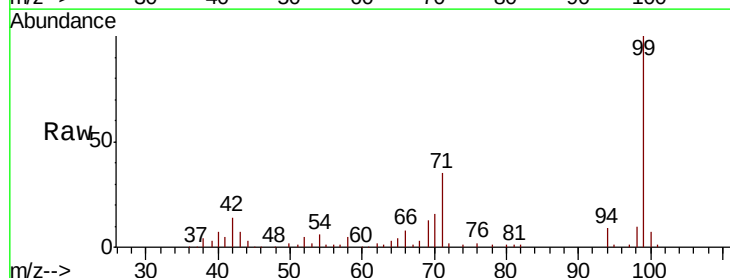
Tgt Ion: 94 Resp: 13967

Ion Ratio Lower Upper

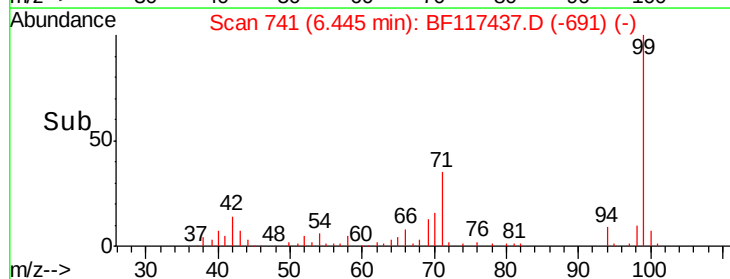
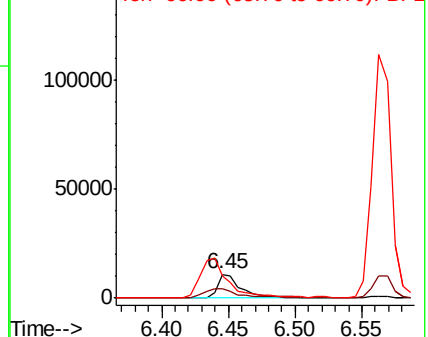
94 100

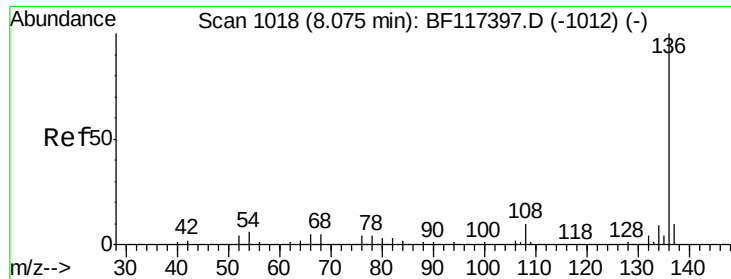
65 40.1 18.2 58.2

66 92.6 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

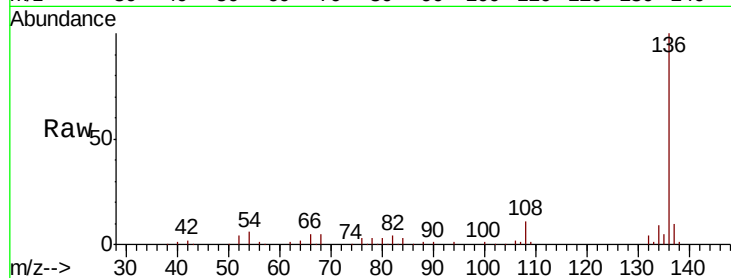




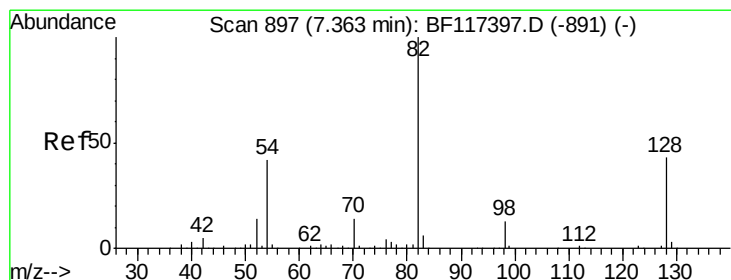
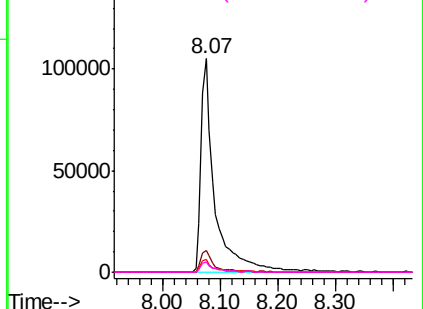
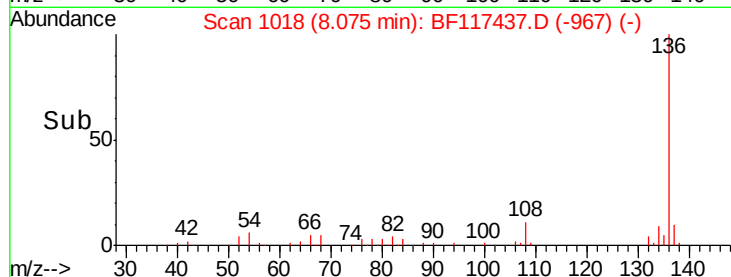
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117437.D
Acq: 17 Oct 2019 22:20

Instrument :
BNA_F
ClientSampleId :
T-13-V1-(0-24)

Tot Ion:136	Resp:	177901
Ion	Ratio	Lower Upper
136	100	
137	10.0	8.4 12.6
54	5.9	4.6 6.8
68	4.6	3.8 5.8

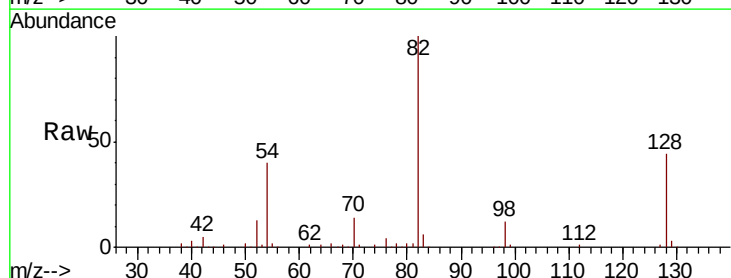


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

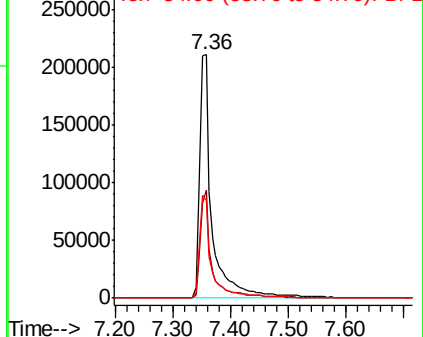
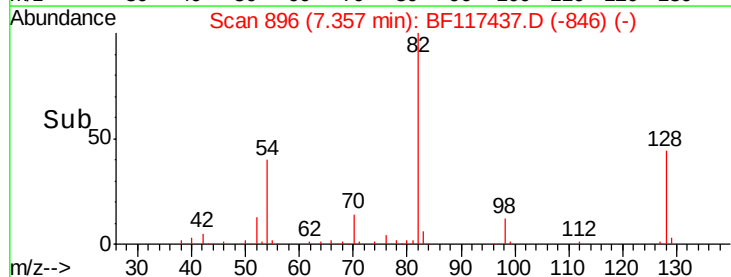


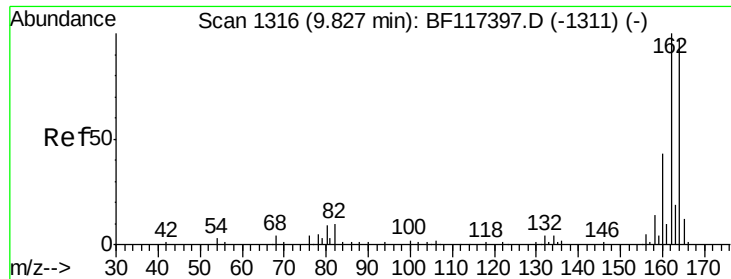
#23
Nitrobenzene-d5
Concen: 90.282 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117437.D
Acq: 17 Oct 2019 22:20

Tgt Ion: 82	Resp:	316849
Ion	Ratio	Lower Upper
82	100	
128	44.2	34.1 51.1
54	40.1	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: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF117437.D

Acq: 17 Oct 2019 22:20

Instrument :

BNA_F

ClientSampleId :

T-13-V1-(0-24)

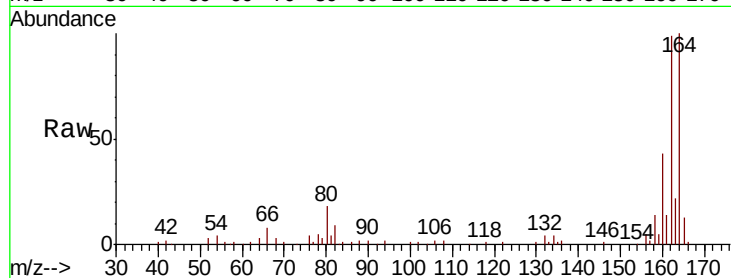
Tot Ion:164 Resp: 94731

Ion Ratio Lower Upper

164 100

162 98.5 82.4 123.6

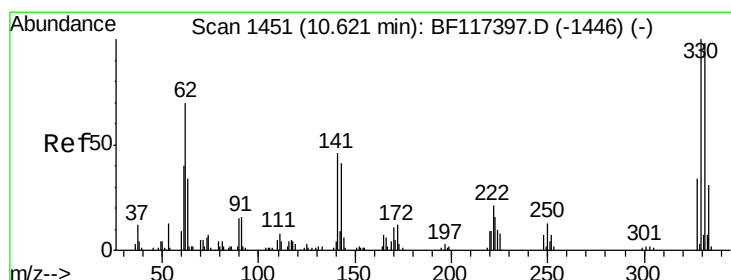
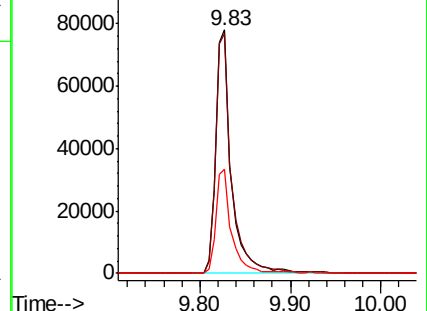
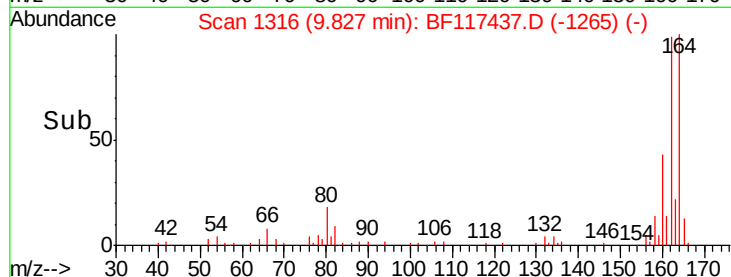
160 42.6 35.4 53.0



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: 154.193 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117437.D

Acq: 17 Oct 2019 22:20

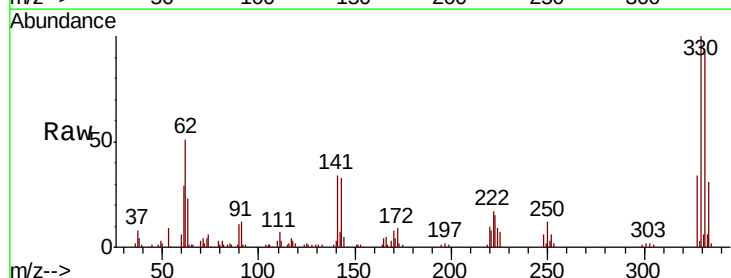
Tgt Ion:330 Resp: 118880

Ion Ratio Lower Upper

330 100

332 93.8 75.0 112.6

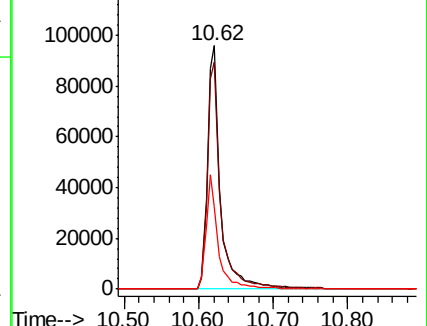
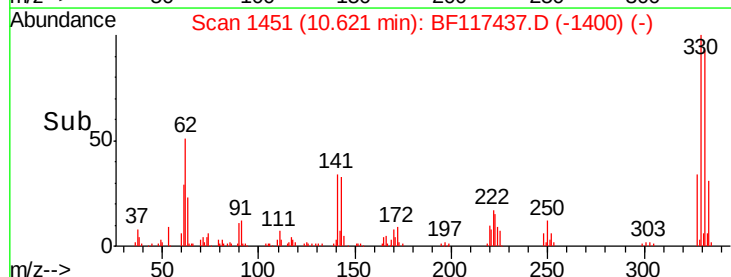
141 43.7 34.2 51.4

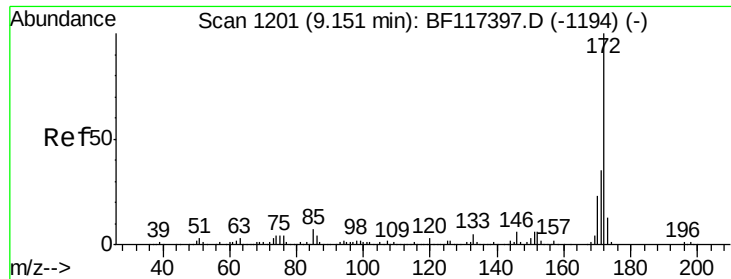


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

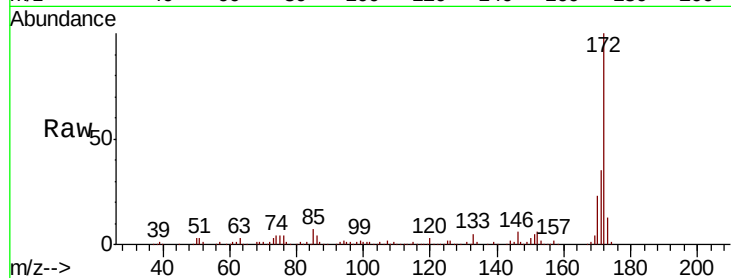




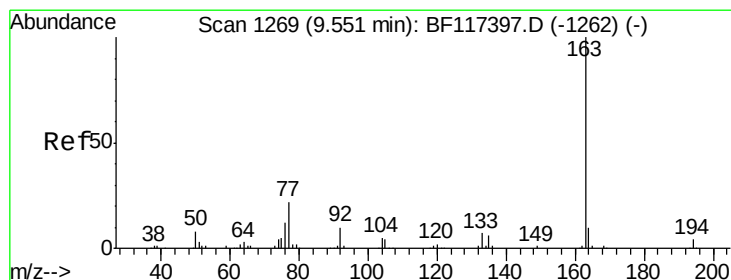
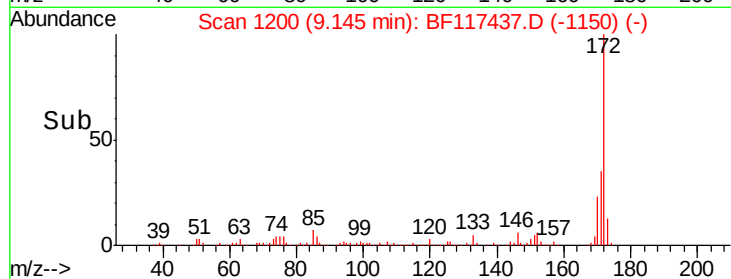
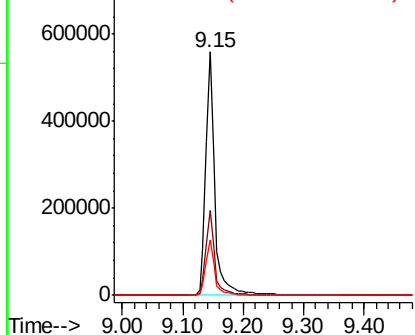
#45
2-Fluorobiphenyl
Concen: 90.293 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117437.D
Acq: 17 Oct 2019 22:20

Instrument :
BNA_F
ClientSampleId :
T-13-V1-(0-24)

Tot Ion:172 Resp: 586712
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 22.9 18.2 27.2

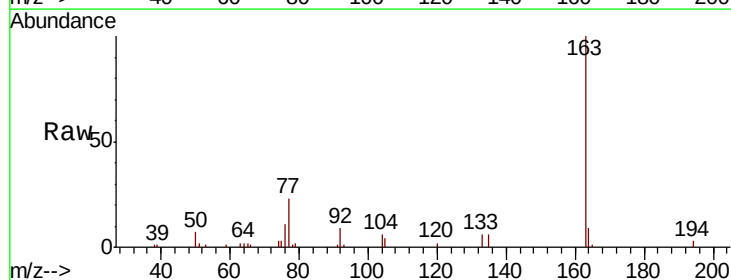


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

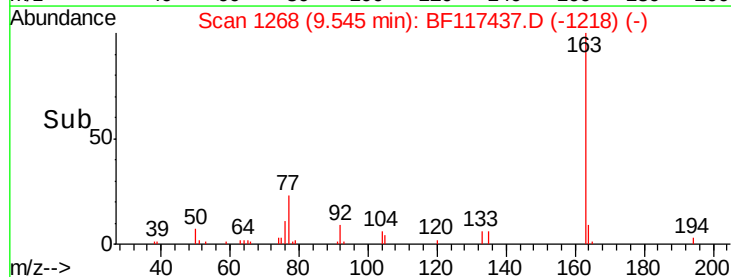
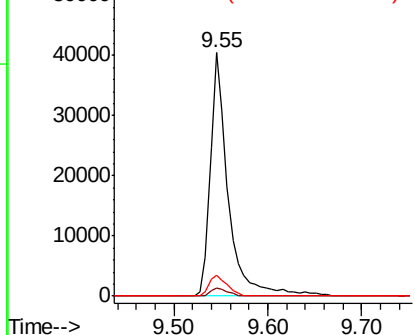


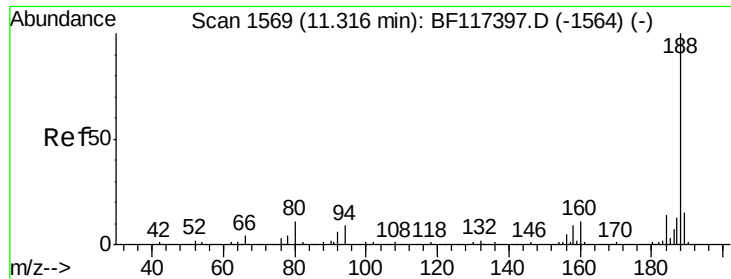
#50
Dimethylphthalate
Concen: 7.966 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117437.D
Acq: 17 Oct 2019 22:20

Tgt Ion:163 Resp: 54196
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 8.5 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

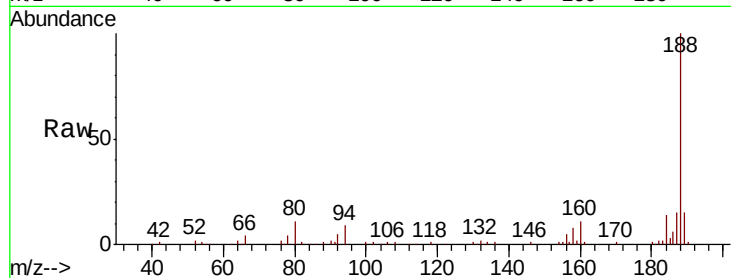




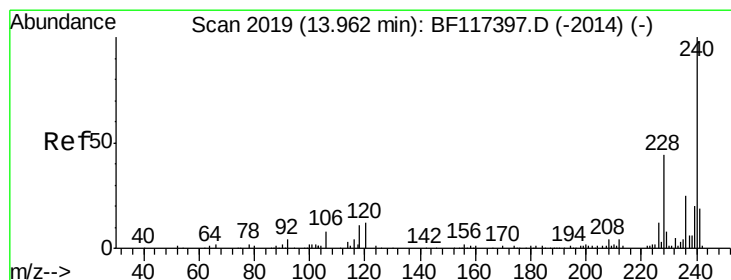
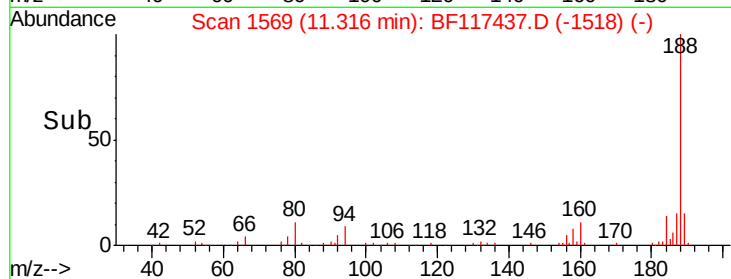
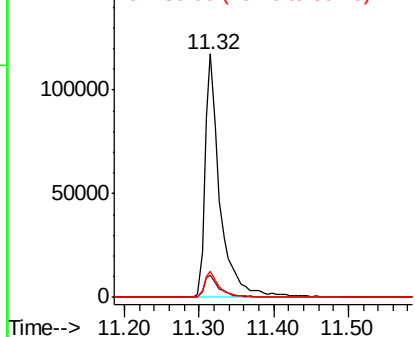
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117437.D
Acq: 17 Oct 2019 22:20

Instrument :
BNA_F
ClientSampleId :
T-13-V1-(0-24)

Tot Ion:188 Resp: 164086
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.8 8.7 13.1

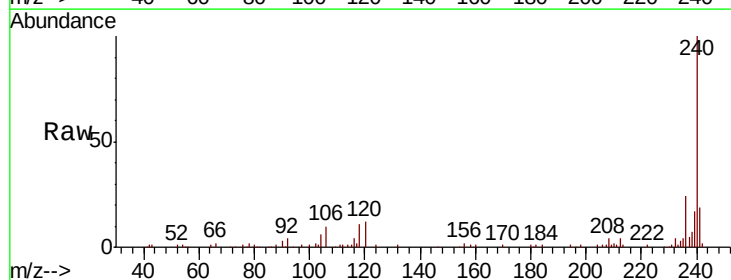


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

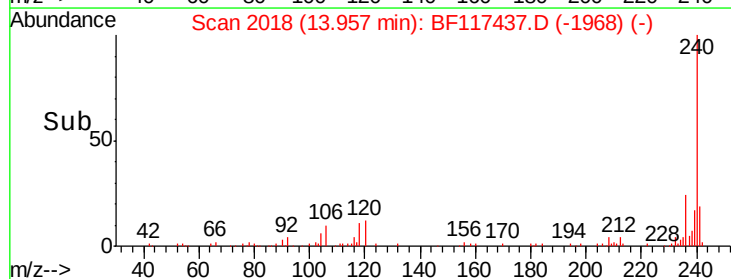
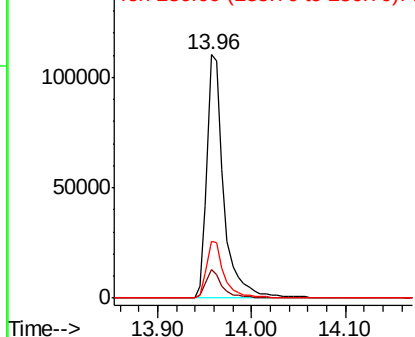


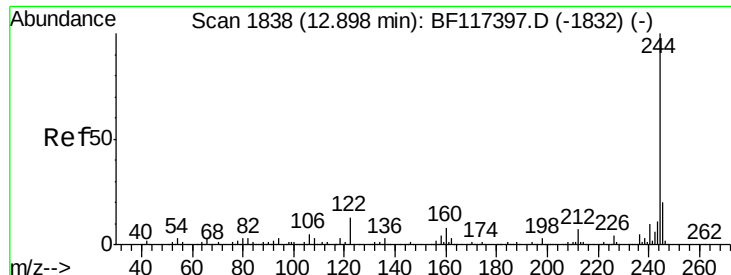
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117437.D
Acq: 17 Oct 2019 22:20

Tgt Ion:240 Resp: 140293
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.0
236 23.5 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: 79.296 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117437.D

Acq: 17 Oct 2019 22:20

Instrument :

BNA_F

ClientSampleId :

T-13-V1-(0-24)

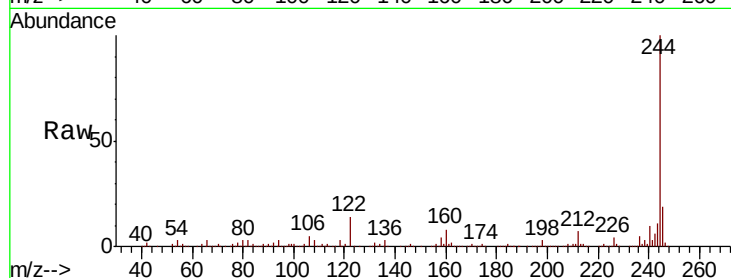
Tot Ion:244 Resp: 682424

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

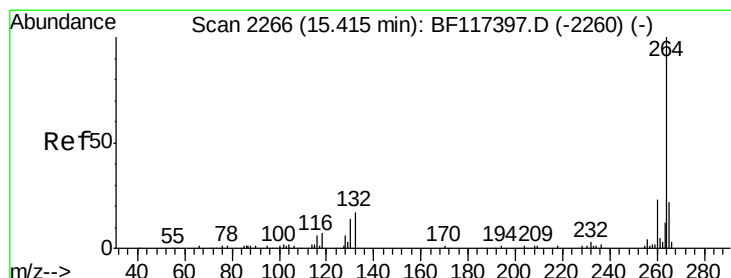
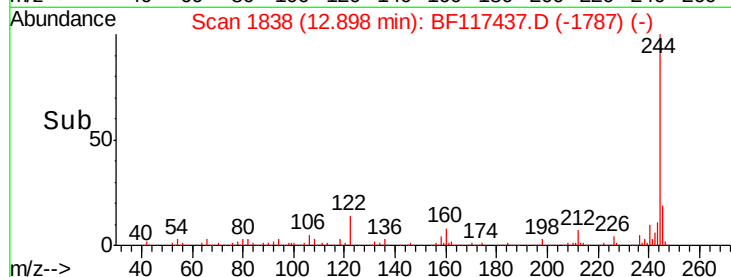
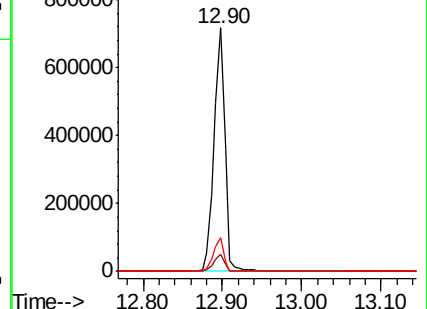
122 13.9 10.7 16.1



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: BF117437.D

Acq: 17 Oct 2019 22:20

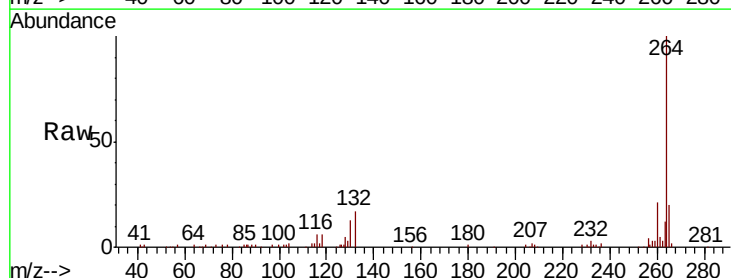
Tgt Ion:264 Resp: 145573

Ion Ratio Lower Upper

264 100

260 21.5 18.6 27.8

265 20.3 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

