

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117390.D
 Acq On : 13 Oct 2019 1:04
 Operator : JU
 Sample : K5323-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 14 03:59:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

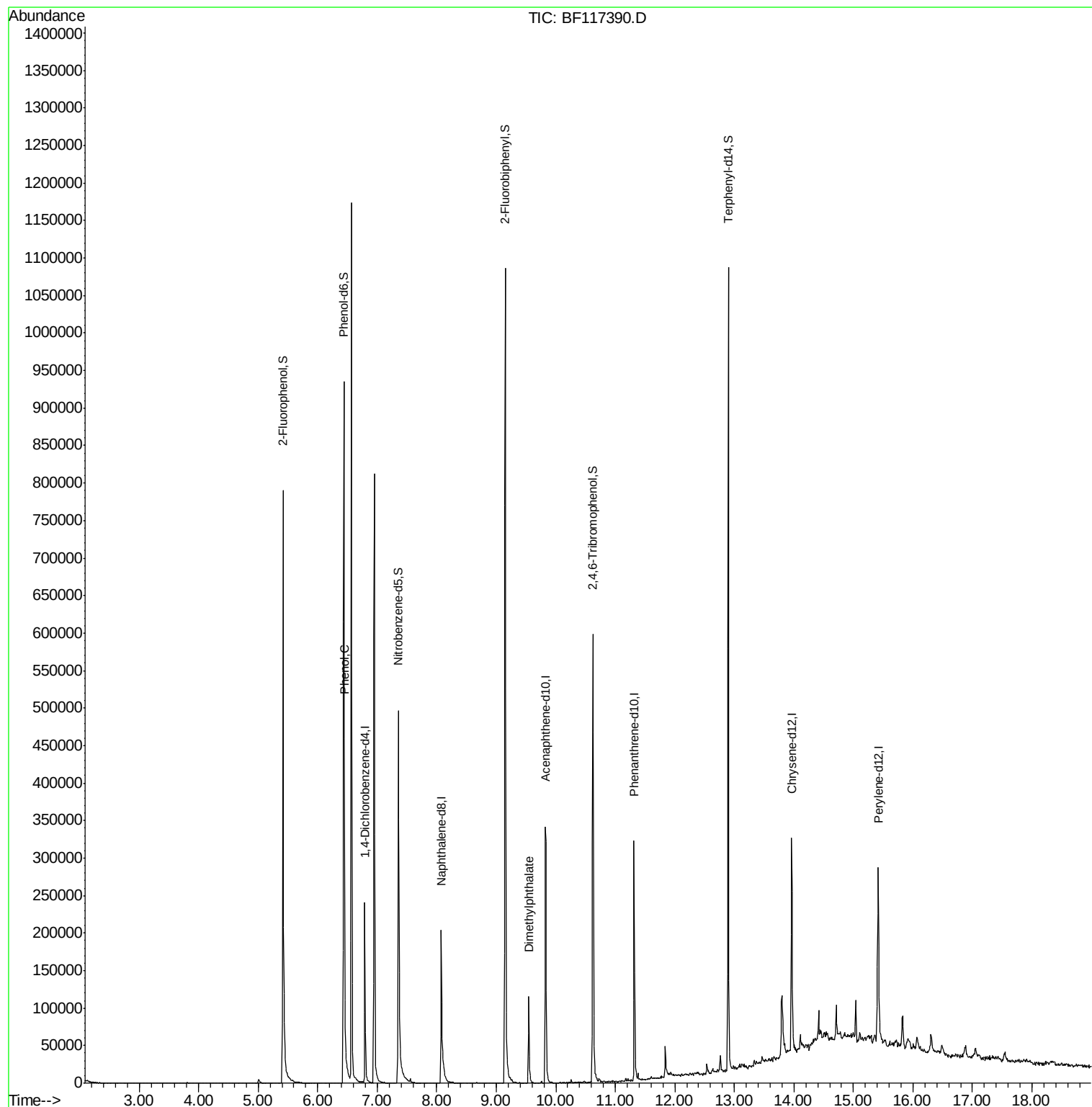
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	41105	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	171354	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	88369	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	146398	20.00	ng	0.00
76) Chrysene-d12	13.96	240	95173	20.00	ng	-0.01
87) Perylene-d12	15.42	264	107157	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	269423	102.33	ng	-0.01
7) Phenol-d6	6.44	99	373896	109.89	ng	-0.01
23) Nitrobenzene-d5	7.36	82	231022	70.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	77566	105.02	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	392262	69.41	ng	-0.01
79) Terphenyl-d14	12.90	244	337986	66.38	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	9822	2.618	ng	Qvalue # 76
50) Dimethylphthalate	9.55	163	58441	9.340	ng	99

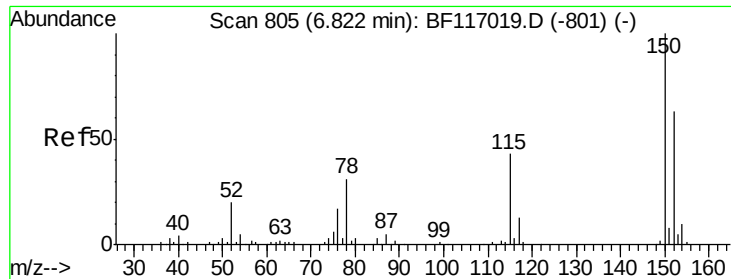
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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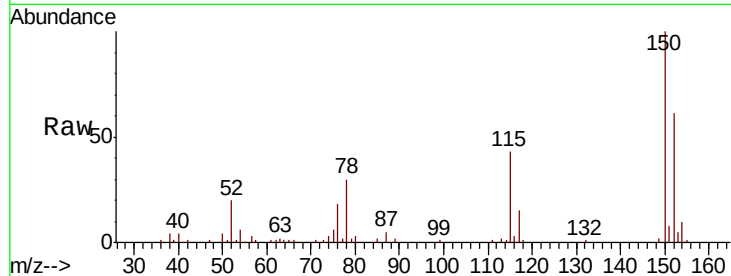




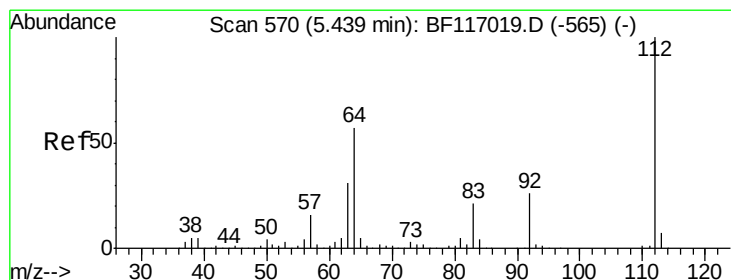
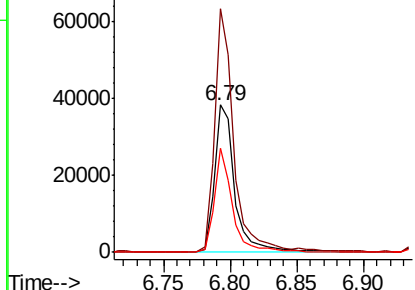
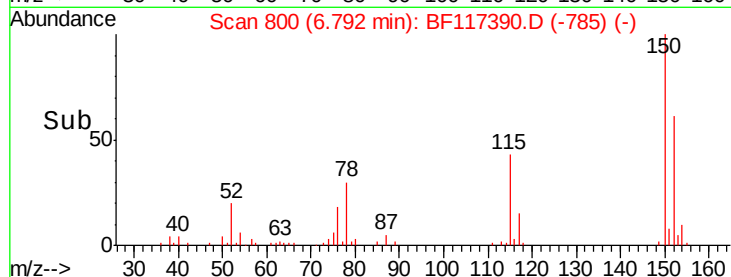
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF117390.D
 Acq: 13 Oct 2019 1:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:152 Resp: 41105
 Ion Ratio Lower Upper
 152 100
 150 165.2 127.5 191.3
 115 70.4 55.0 82.4

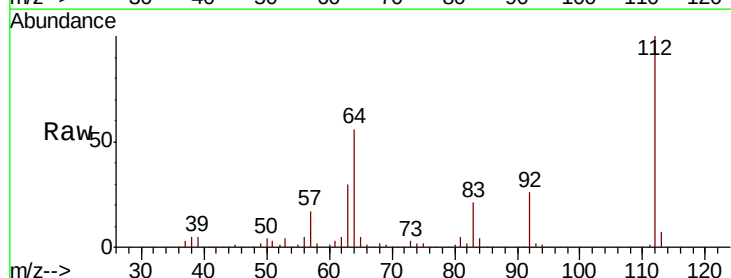


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

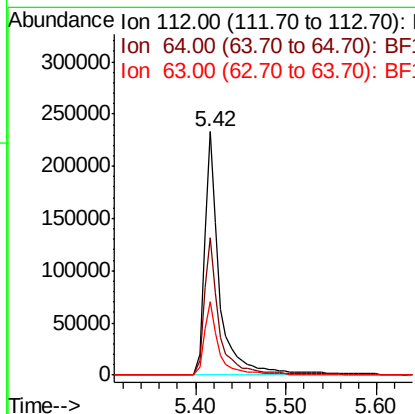
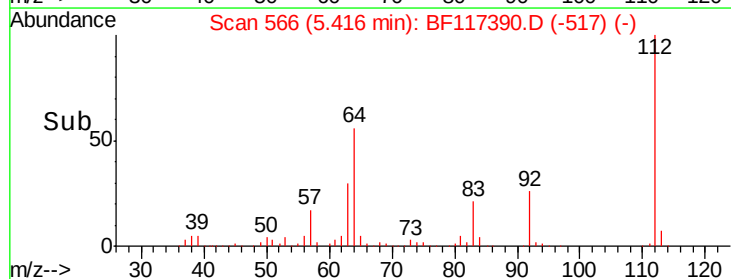


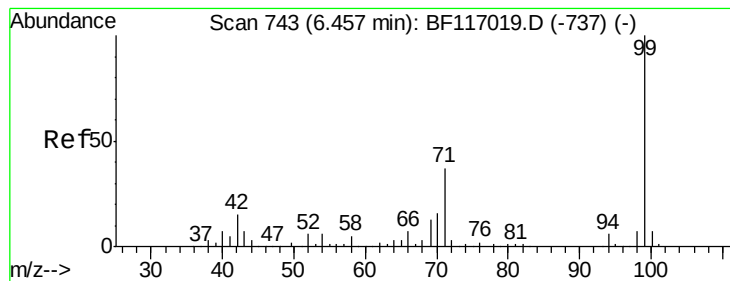
#5
 2-Fluorophenol
 Concen: 102.332 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF117390.D
 Acq: 13 Oct 2019 1:04

Tgt Ion:112 Resp: 269423
 Ion Ratio Lower Upper
 112 100
 64 56.3 45.7 68.5
 63 30.4 24.9 37.3



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: 109.887 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117390.D

Acq: 13 Oct 2019 1:04

Instrument :

BNA_F

ClientSampled :

TP-2

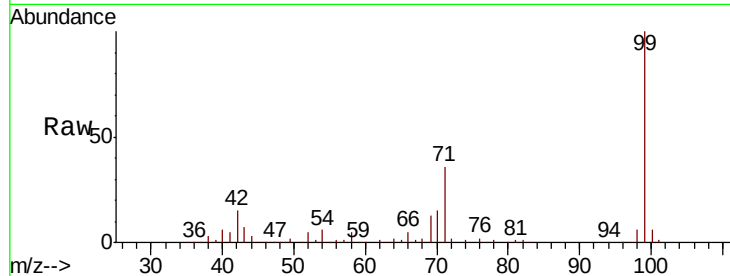
Tot Ion: 99 Resp: 373896

Ion Ratio Lower Upper

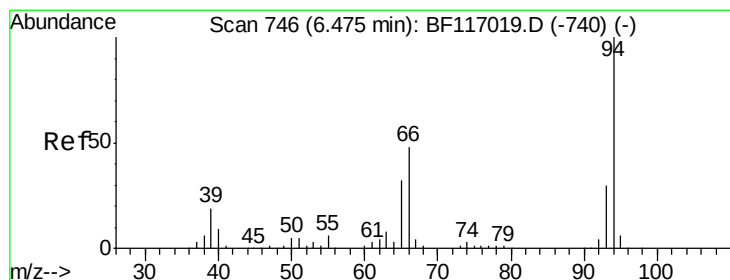
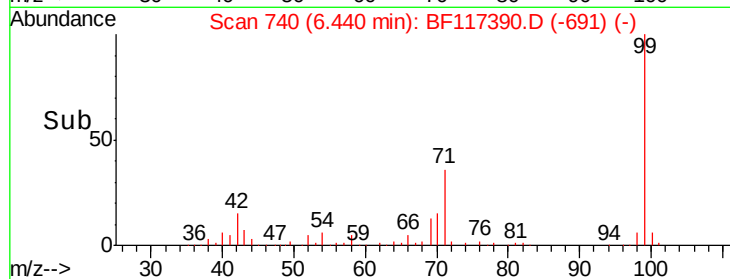
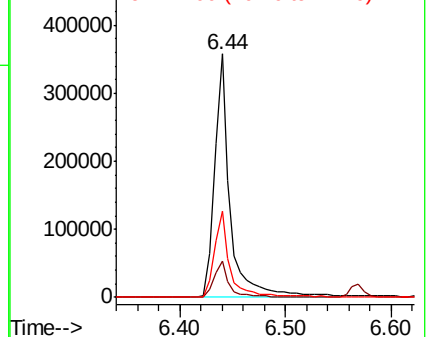
99 100

42 14.9 12.2 18.2

71 35.6 29.8 44.8



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: 2.618 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117390.D

Acq: 13 Oct 2019 1:04

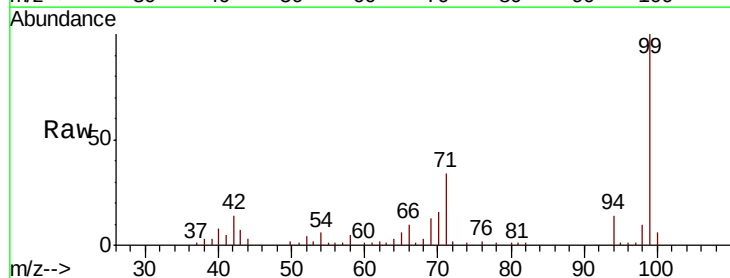
Tgt Ion: 94 Resp: 9822

Ion Ratio Lower Upper

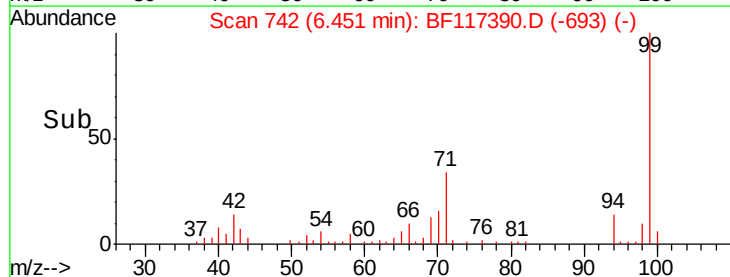
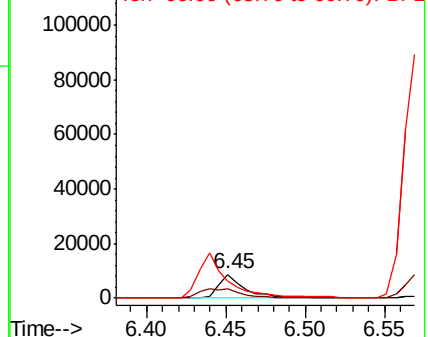
94 100

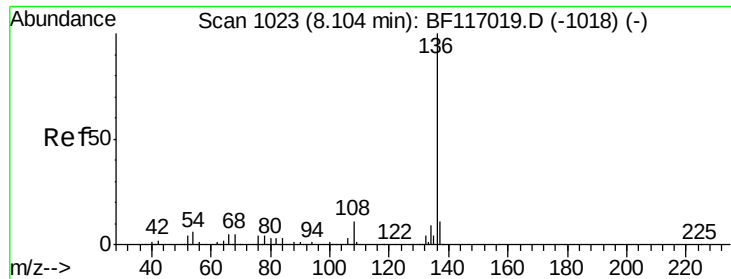
65 39.4 12.5 52.5

66 70.4 28.9 68.9#



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

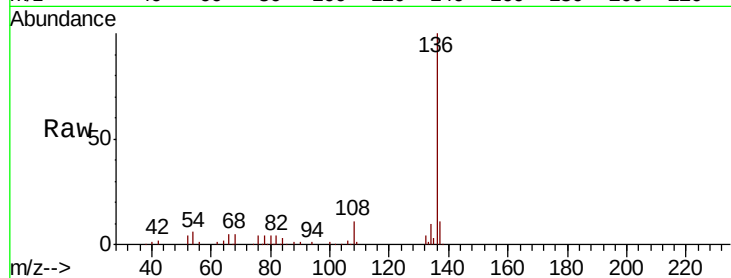




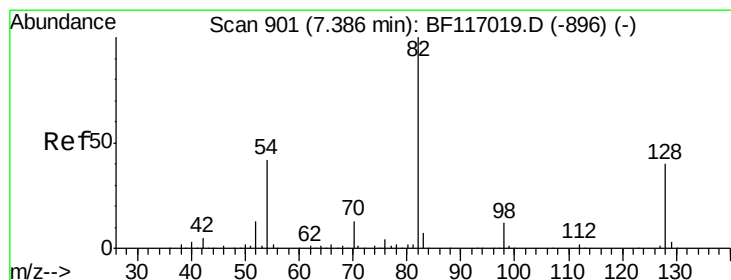
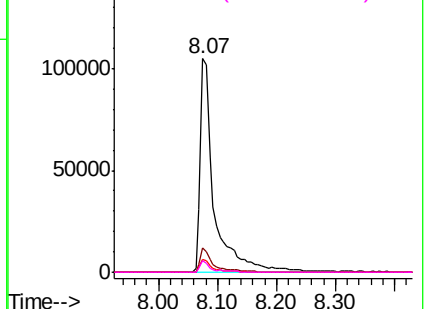
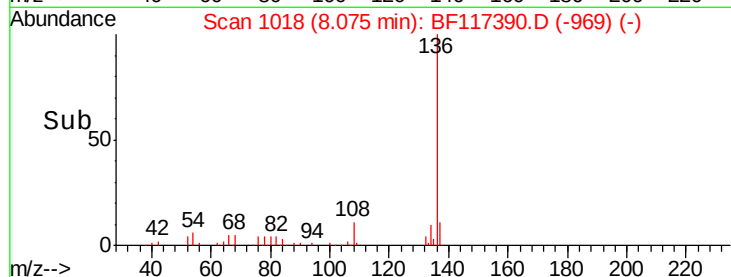
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117390.D
Acq: 13 Oct 2019 1:04

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:136	Resp:	171354
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	5.9	4.5 6.7
68	5.4	4.0 6.0

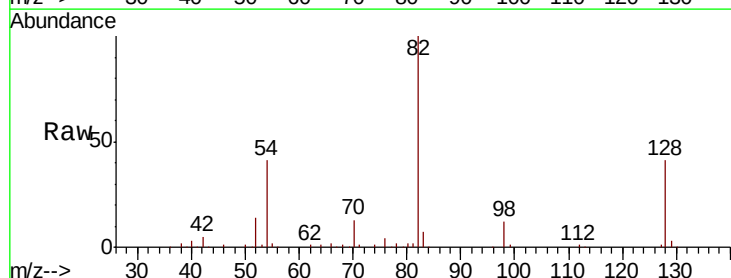


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

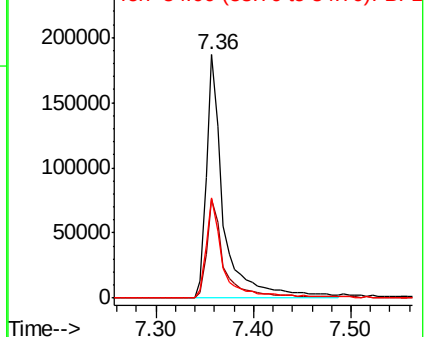
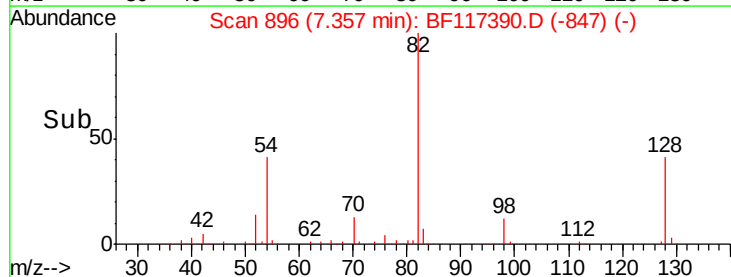


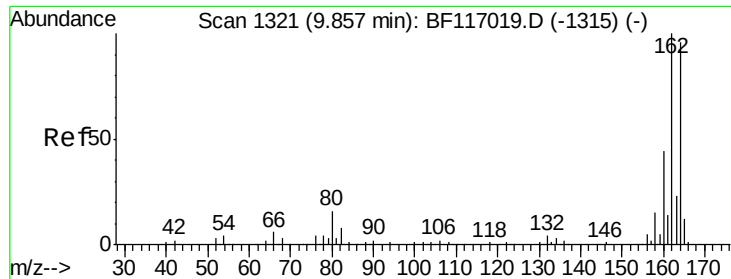
#23
Nitrobenzene-d5
Concen: 70.838 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117390.D
Acq: 13 Oct 2019 1:04

Tgt Ion: 82	Resp:	231022
Ion Ratio	Lower	Upper
82	100	
128	40.5	32.3 48.5
54	41.3	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. -0.01 min

Lab File: BF117390.D

Acq: 13 Oct 2019 1:04

Instrument :

BNA_F

ClientSampleId :

TP-2

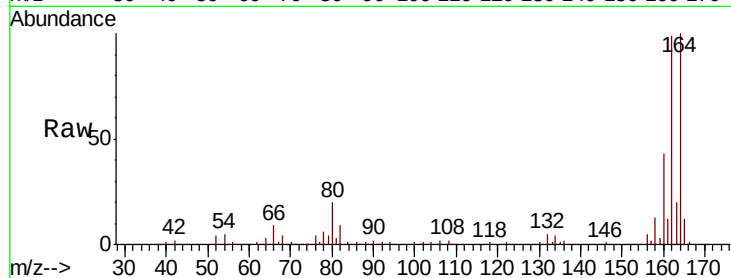
Tot Ion:164 Resp: 88369

Ion Ratio Lower Upper

164 100

162 98.9 83.4 125.2

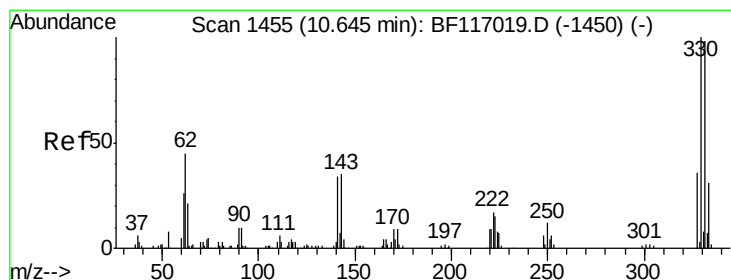
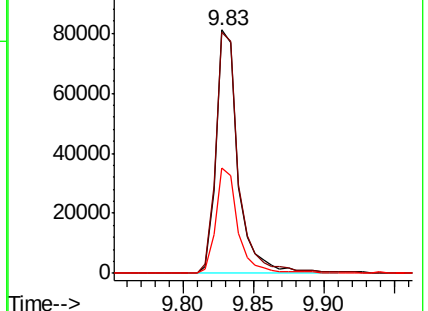
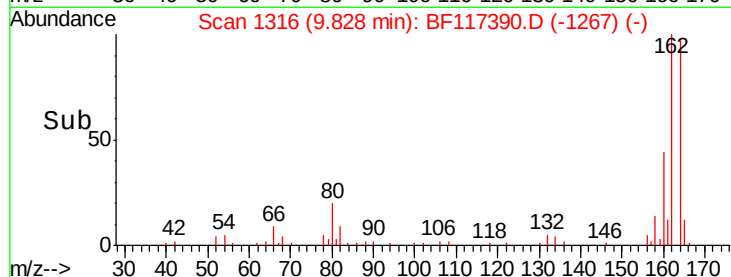
160 43.1 36.4 54.6



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: 105.023 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF117390.D

Acq: 13 Oct 2019 1:04

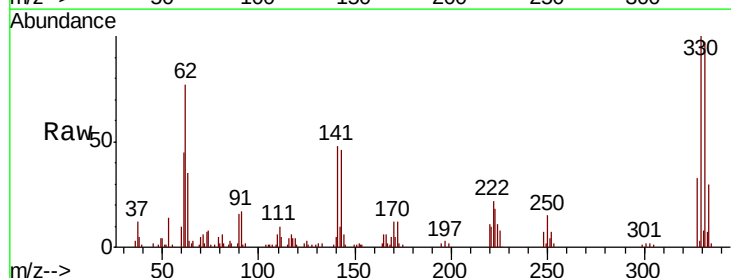
Tgt Ion:330 Resp: 77566

Ion Ratio Lower Upper

330 100

332 94.5 78.0 117.0

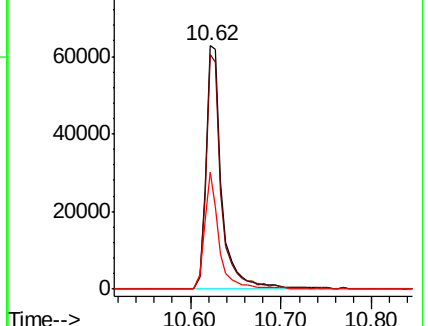
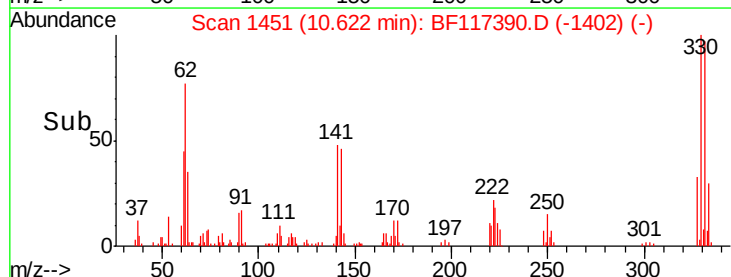
141 43.5 35.8 53.6

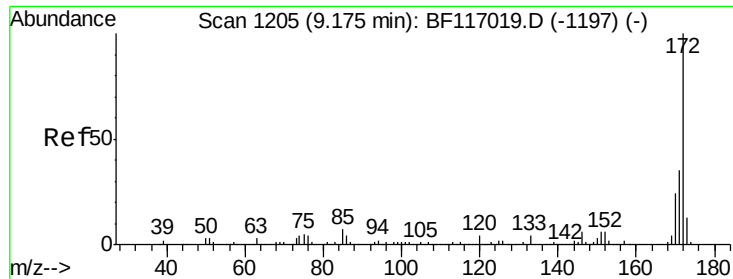


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

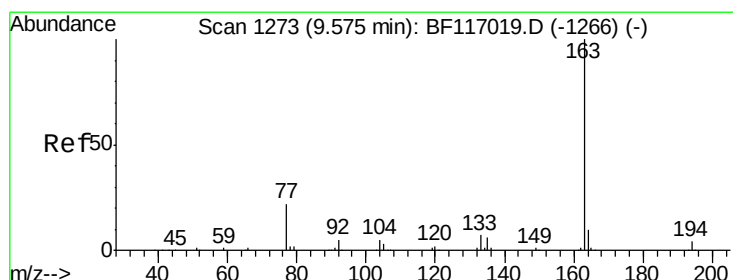
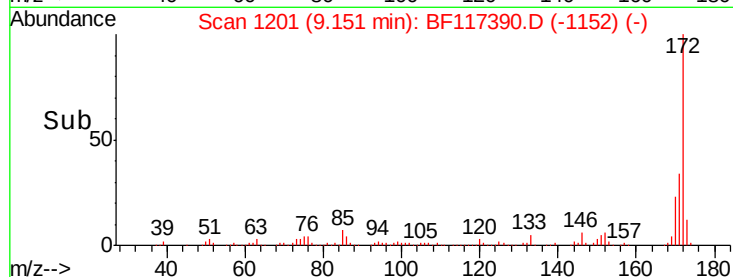
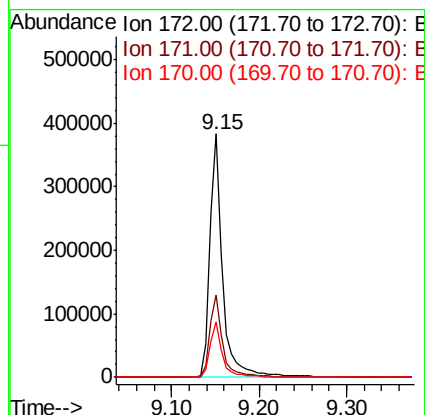
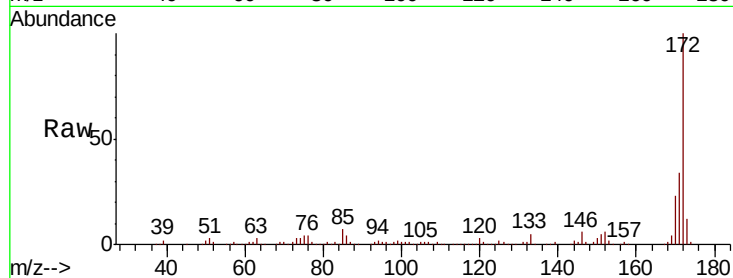




#45
2-Fluorobiphenyl
Concen: 69.406 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117390.D
Acq: 13 Oct 2019 1:04

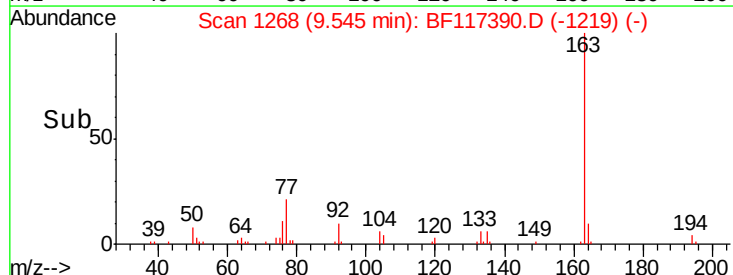
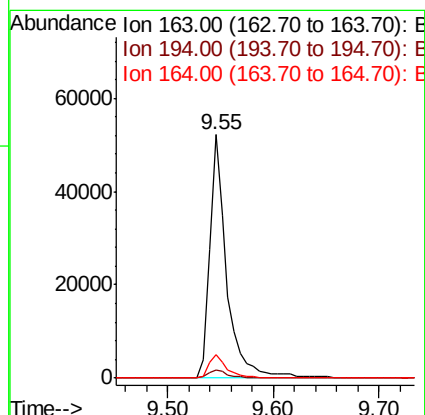
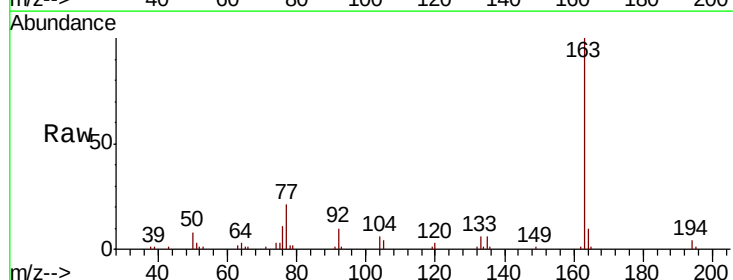
Instrument :
BNA_F
ClientSampled :
TP-2

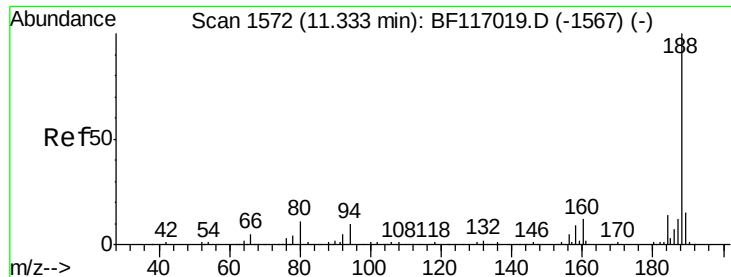
Tot Ion:172 Resp: 392262
Ion Ratio Lower Upper
172 100
171 33.8 28.2 42.2
170 22.8 18.9 28.3



#50
Dimethylphthalate
Concen: 9.340 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117390.D
Acq: 13 Oct 2019 1:04

Tgt Ion:163 Resp: 58441
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.7 8.2 12.4

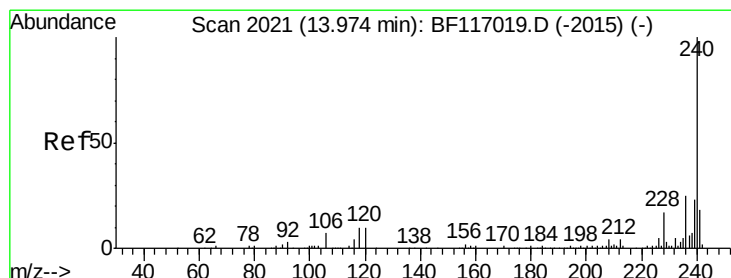
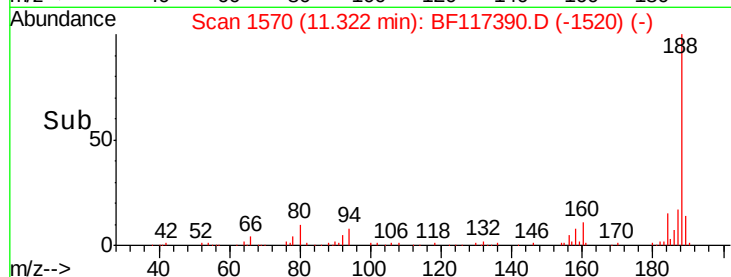
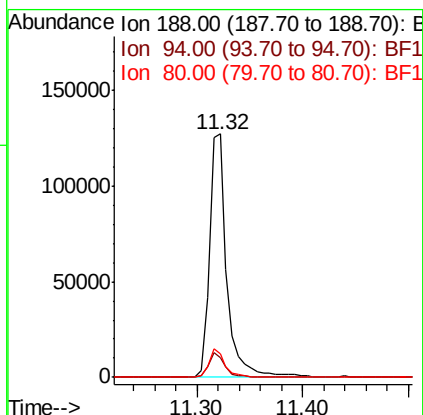
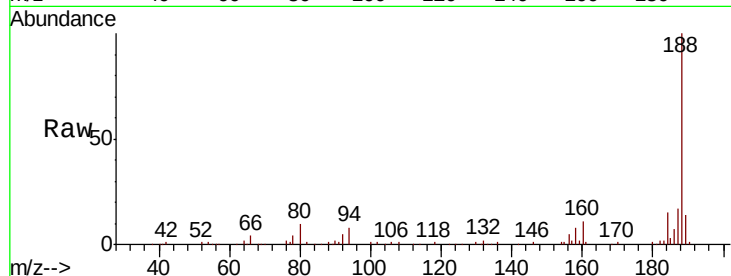




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117390.D
Acq: 13 Oct 2019 1:04

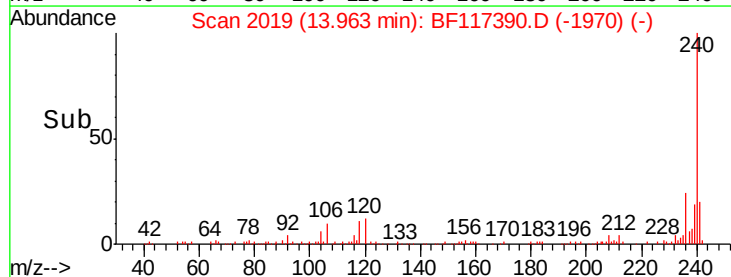
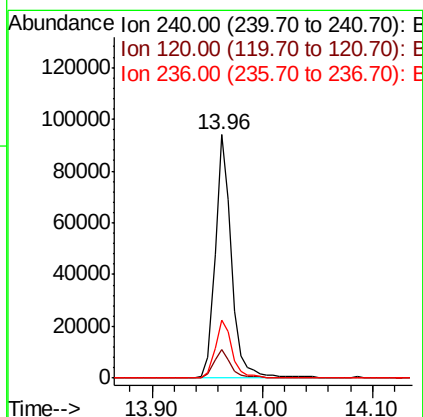
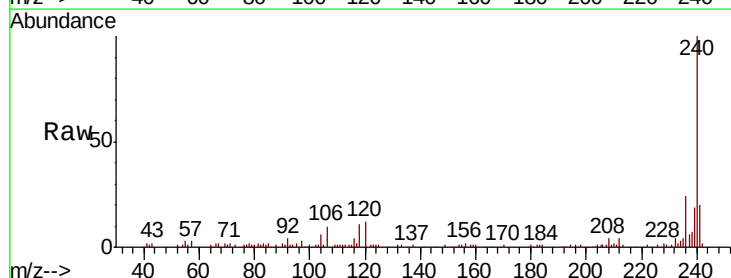
Instrument :
BNA_F
ClientSampleId :
TP-2

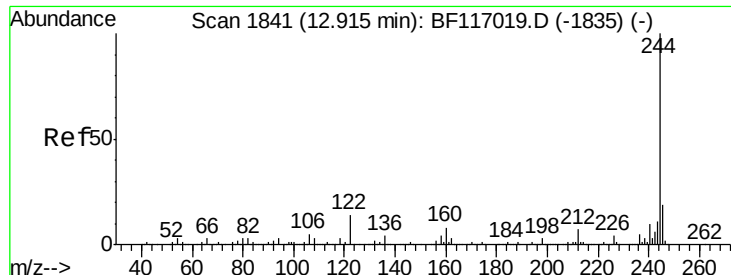
Tot Ion:188 Resp: 146398
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.2#
80 9.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117390.D
Acq: 13 Oct 2019 1:04

Tgt Ion:240 Resp: 95173
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 23.7 20.3 30.5





#79

Terphenyl-d14

Concen: 66.381 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF117390.D

Acq: 13 Oct 2019 1:04

Instrument :

BNA_F

ClientSampleId :

TP-2

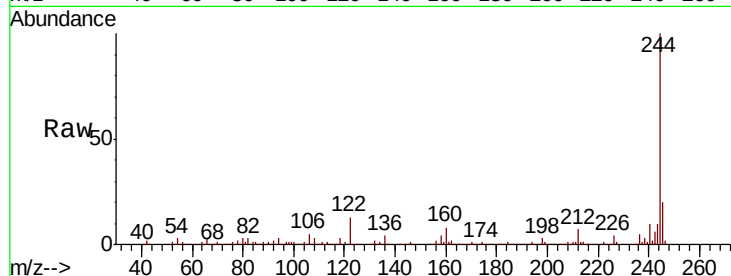
Tot Ion:244 Resp: 337986

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

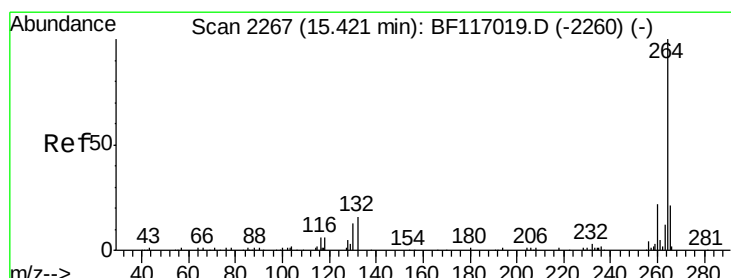
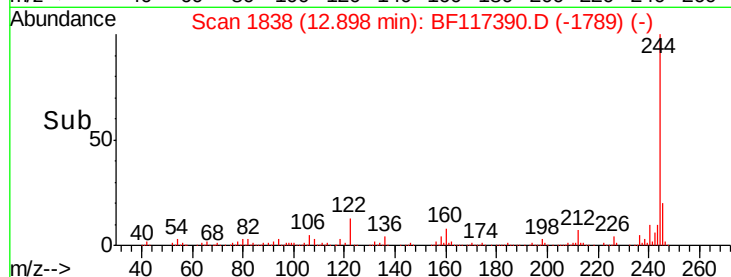
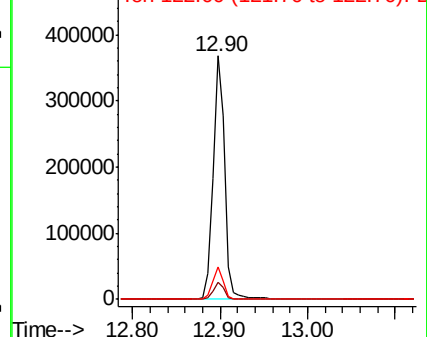
122 13.3 11.3 16.9



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. -0.01 min

Lab File: BF117390.D

Acq: 13 Oct 2019 1:04

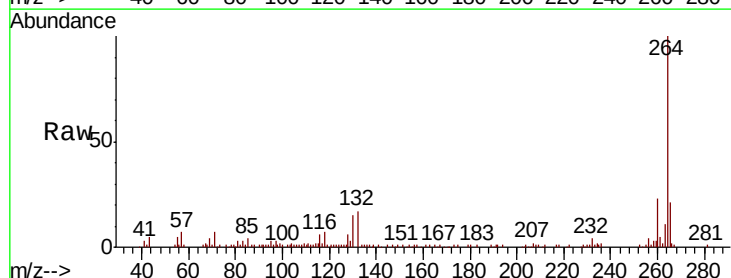
Tgt Ion:264 Resp: 107157

Ion Ratio Lower Upper

264 100

260 22.7 17.6 26.4

265 21.0 16.6 24.8



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

