

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117349.D
 Acq On : 8 Oct 2019 19:10
 Operator : JU
 Sample : K5238-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP

Quant Time: Oct 09 03:42:26 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	6.80	152	45864	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	181780	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	95327	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	161851	20.00	ng	0.00
76) Chrysene-d12	13.97	240	134286	20.00	ng	0.00
87) Perylene-d12	15.42	264	119749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	373156	127.03	ng	0.01
7) Phenol-d6	6.45	99	474699	125.04	ng	0.00
23) Nitrobenzene-d5	7.36	82	310884	89.86	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	113969	143.05	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	576464	94.55	ng	0.00
79) Terphenyl-d14	12.91	244	632946	88.10	ng	0.00

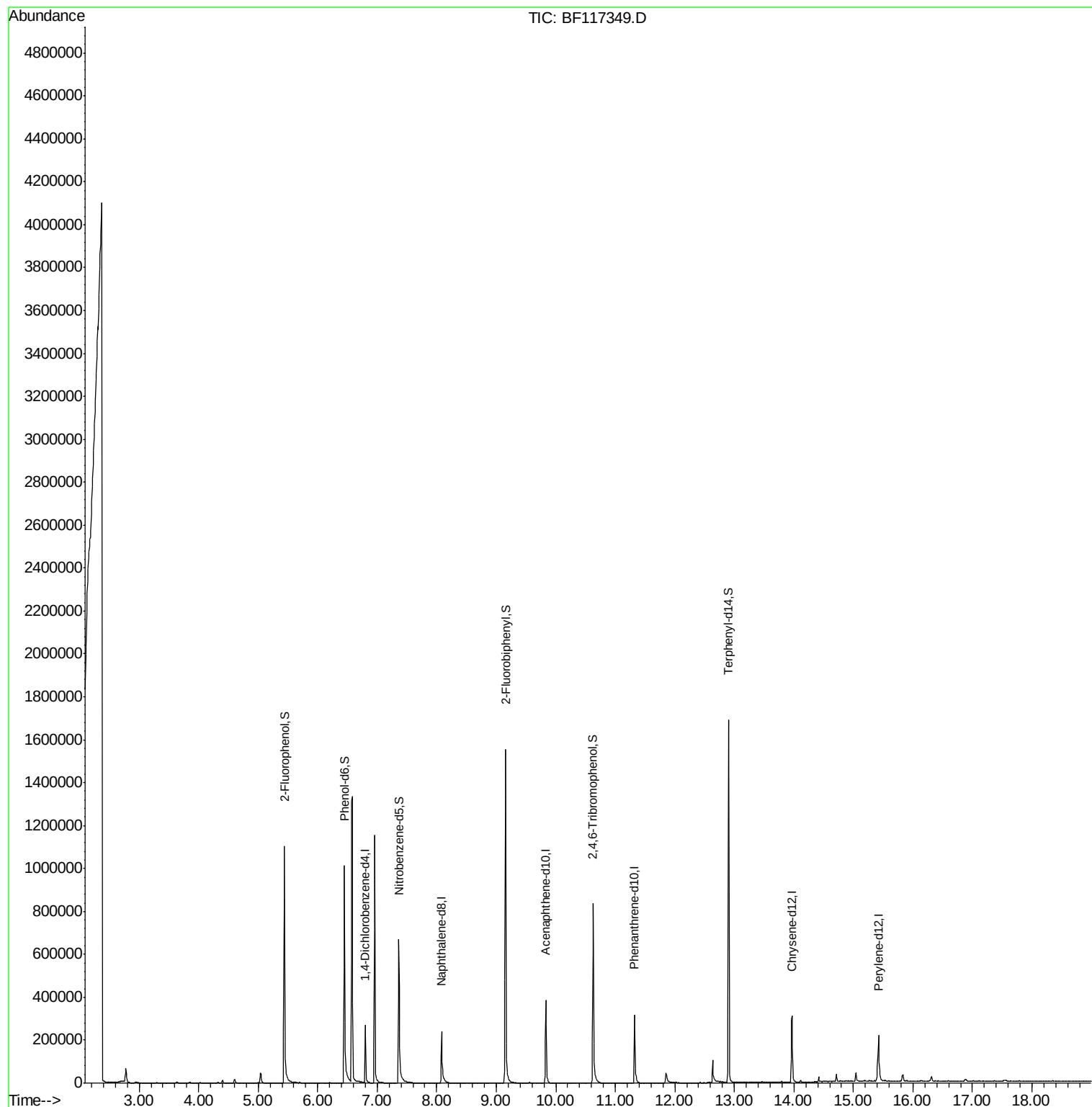
Target Compounds Qvalue

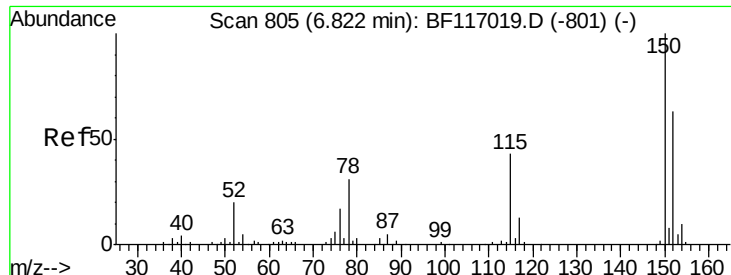
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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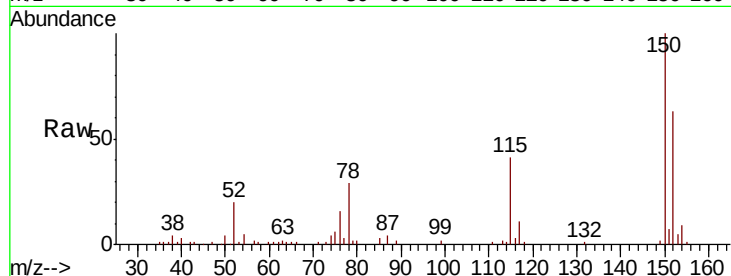


#1

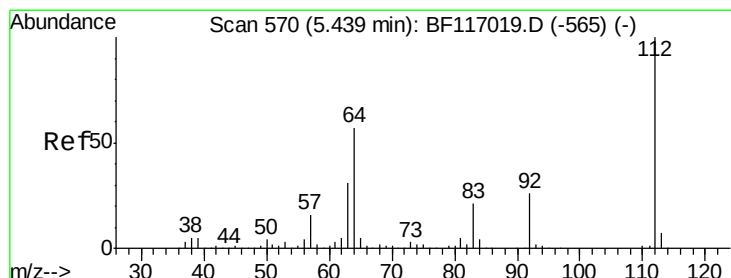
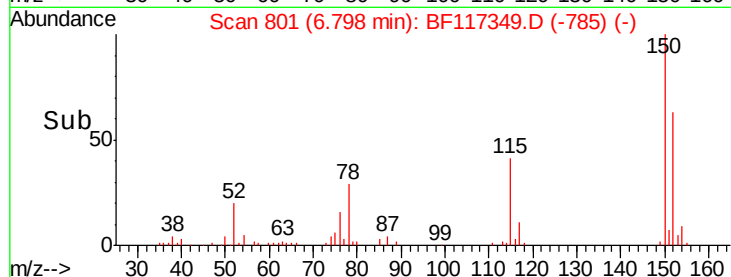
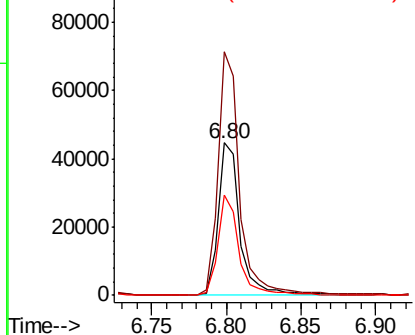
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TP-COMP

Tot Ion:152 Resp: 45864
Ion Ratio Lower Upper
152 100
150 159.6 127.5 191.3
115 65.4 55.0 82.4



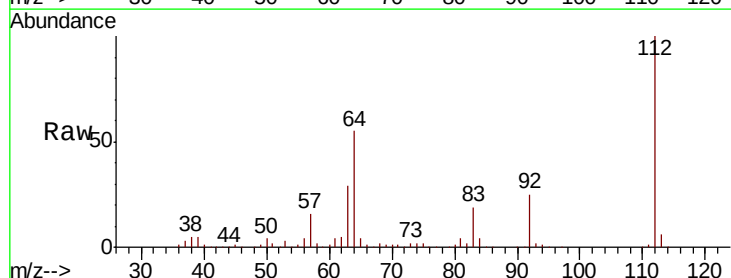
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



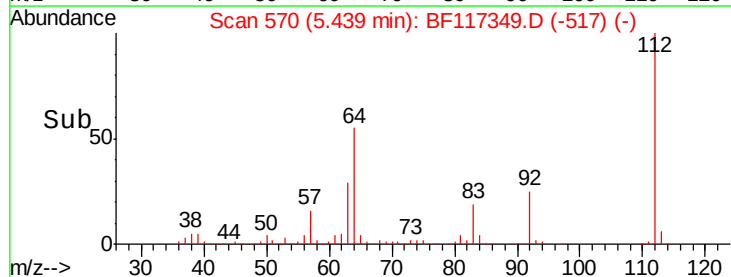
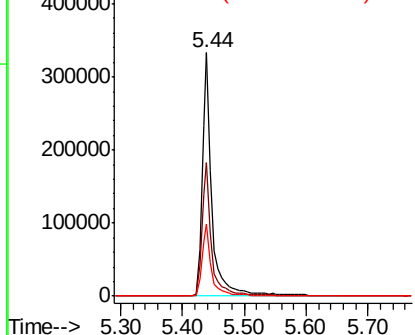
#5

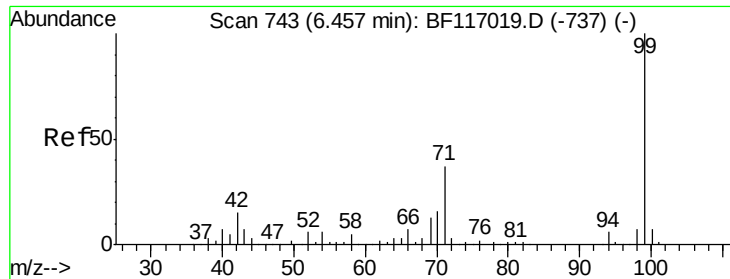
2-Fluorophenol
Concen: 127.025 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:112 Resp: 373156
Ion Ratio Lower Upper
112 100
64 54.9 45.7 68.5
63 29.4 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: 125.036 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117349.D

Acq: 8 Oct 2019 19:10

Instrument :

BNA_F

ClientSampled :

TP-COMP

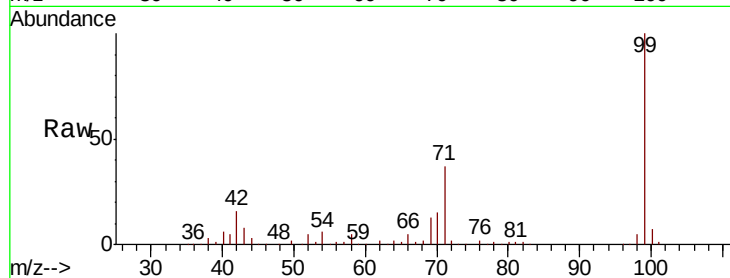
Tot Ion: 99 Resp: 474699

Ion Ratio Lower Upper

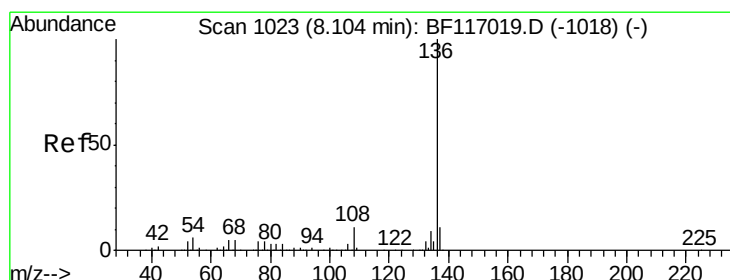
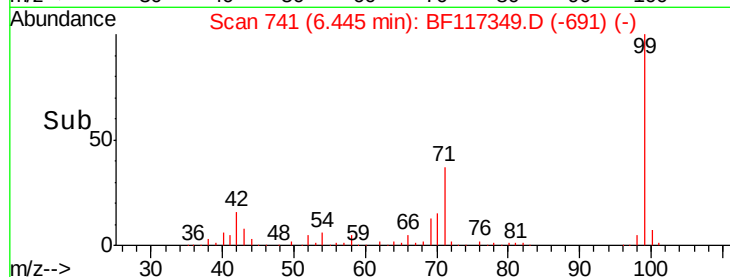
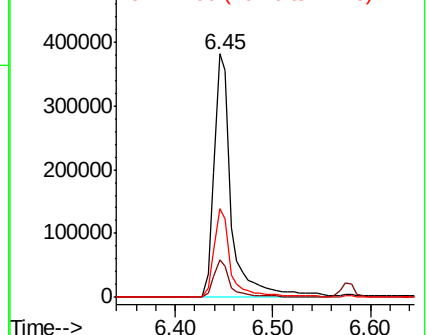
99 100

42 15.5 12.2 18.2

71 36.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF117349.D

Acq: 8 Oct 2019 19:10

Tgt Ion: 136 Resp: 181780

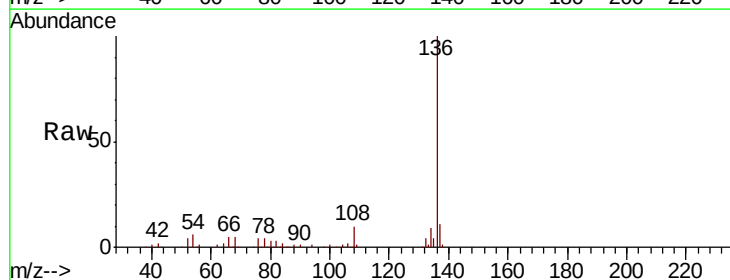
Ion Ratio Lower Upper

136 100

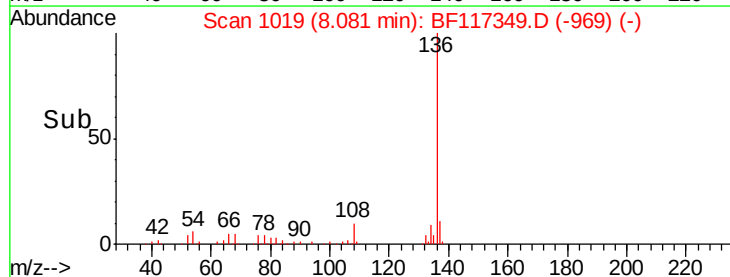
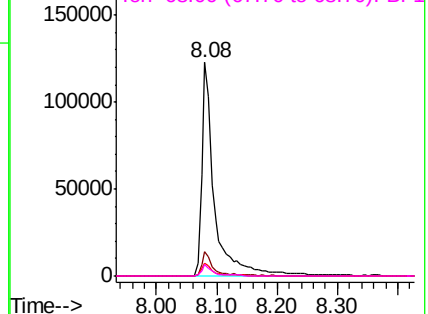
137 11.3 9.0 13.4

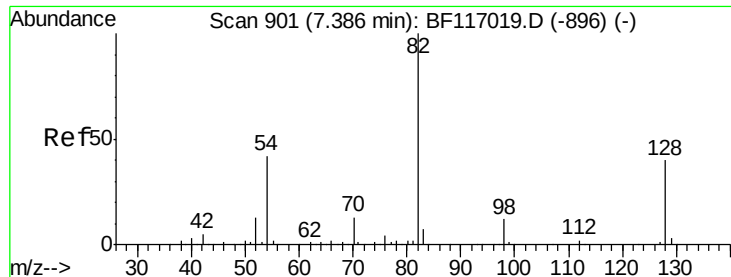
54 6.1 4.5 6.7

68 5.1 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

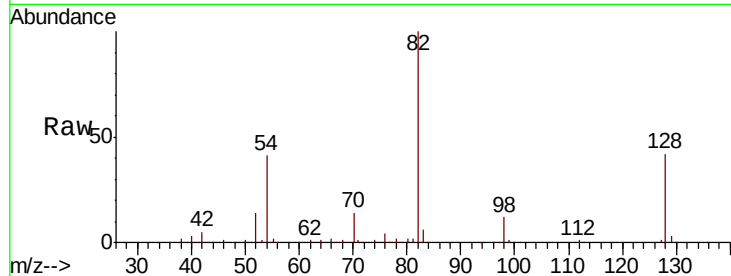




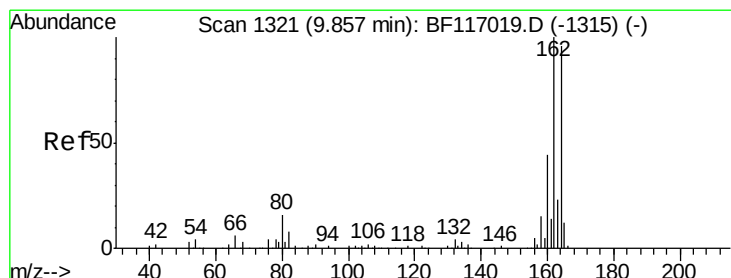
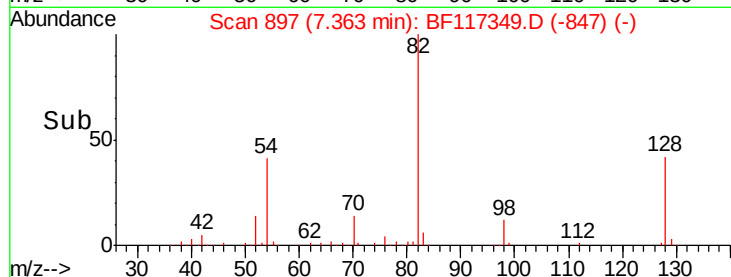
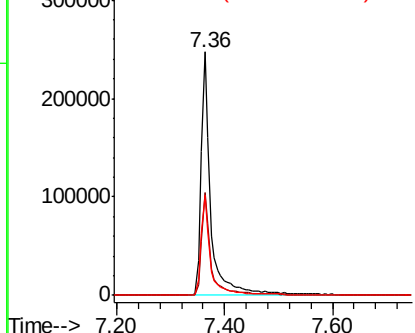
#23
Nitrobenzene-d5
Concen: 89.859 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Instrument :
BNA_F
ClientSampleId :
TP-COMP

Tot Ion: 82 Resp: 310884
Ion Ratio Lower Upper
82 100
128 42.0 32.3 48.5
54 41.3 33.3 49.9

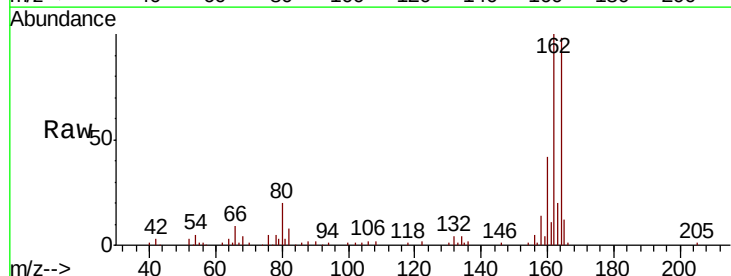


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

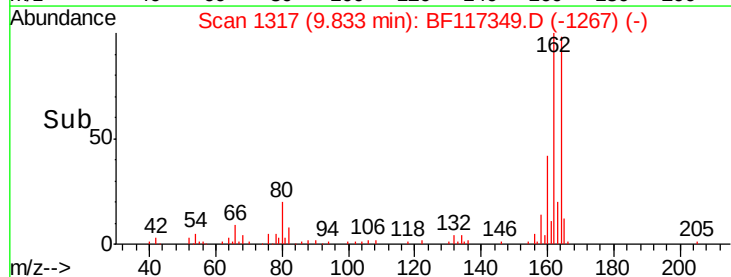
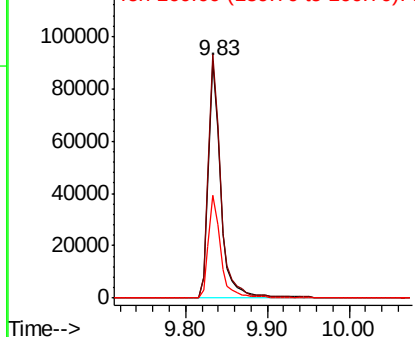


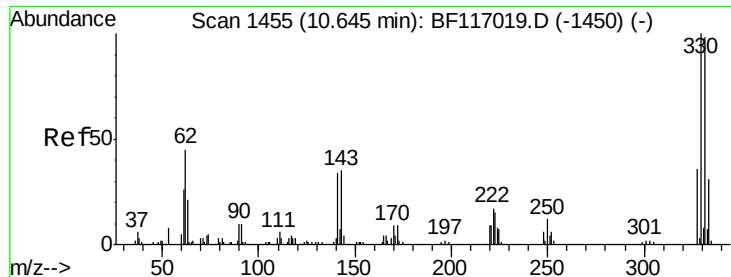
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117349.D
Acq: 8 Oct 2019 19:10

Tgt Ion:164 Resp: 95327
Ion Ratio Lower Upper
164 100
162 102.5 83.4 125.2
160 43.3 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 143.049 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF117349.D

Acq: 8 Oct 2019 19:10

Instrument :

BNA_F

ClientSampleId :

TP-COMP

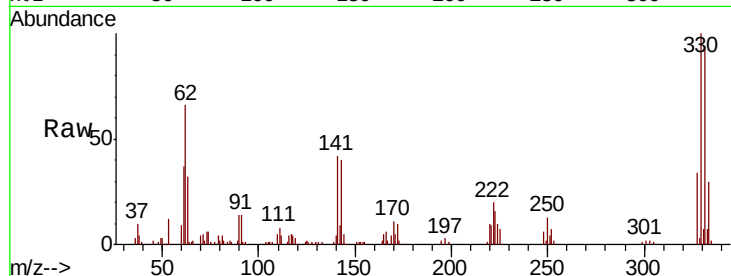
Tot Ion:330 Resp: 113969

Ion Ratio Lower Upper

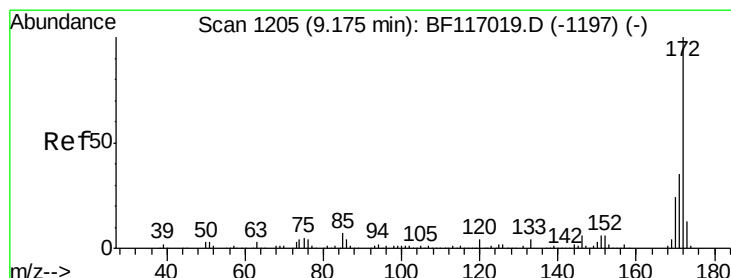
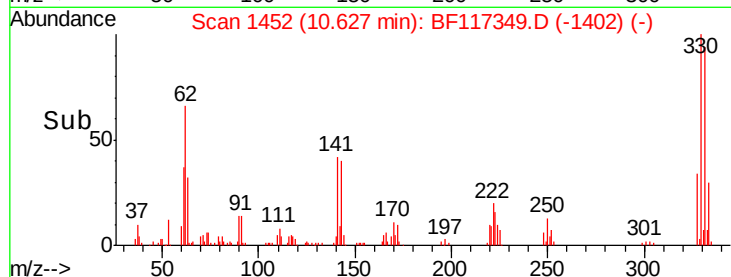
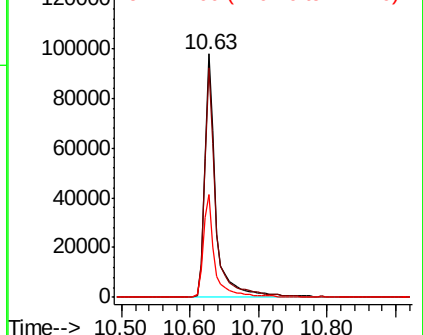
330 100

332 95.2 78.0 117.0

141 42.8 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: 94.553 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF117349.D

Acq: 8 Oct 2019 19:10

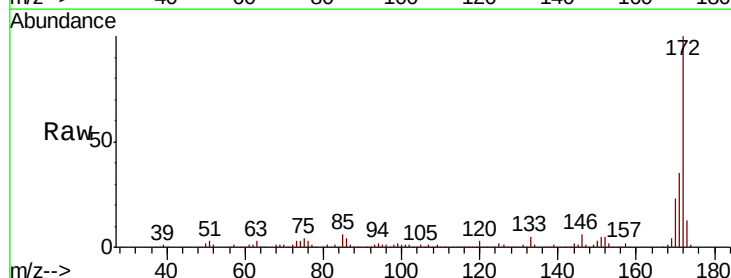
Tgt Ion:172 Resp: 576464

Ion Ratio Lower Upper

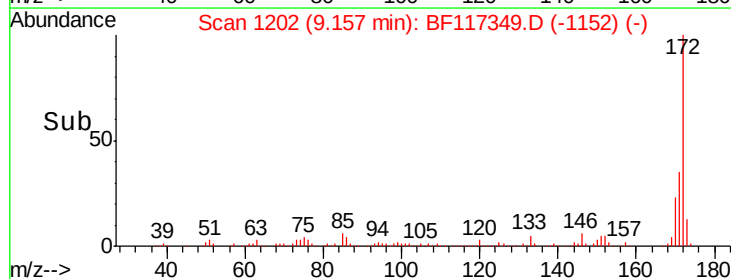
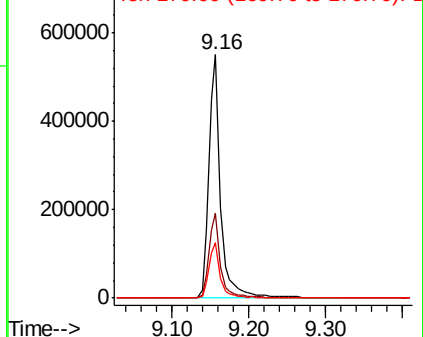
172 100

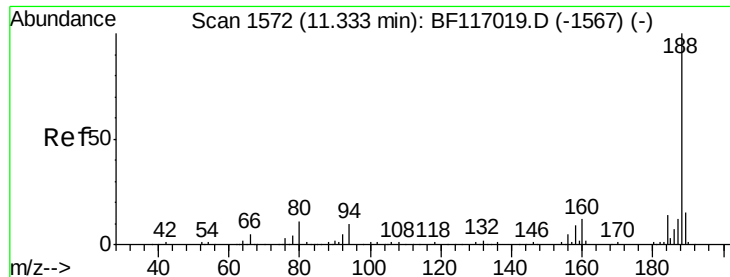
171 34.7 28.2 42.2

170 22.9 18.9 28.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF117349.D

Acq: 8 Oct 2019 19:10

Instrument :

BNA_F

ClientSampleId :

TP-COMP

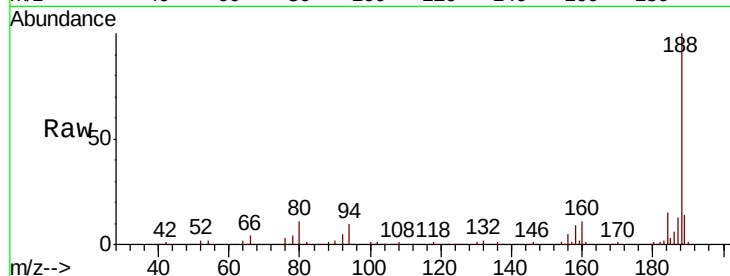
Tot Ion:188 Resp: 161851

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

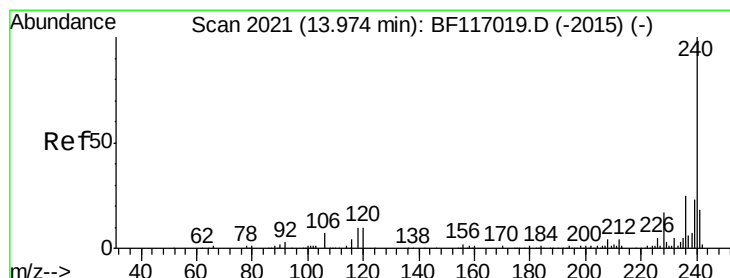
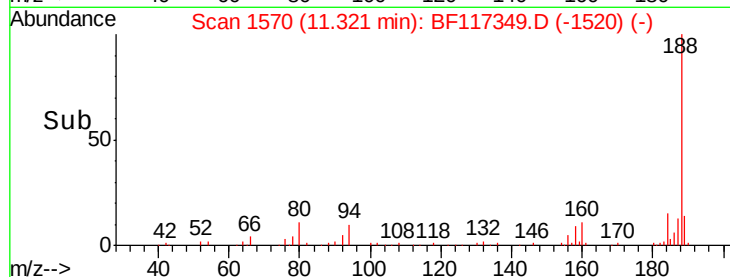
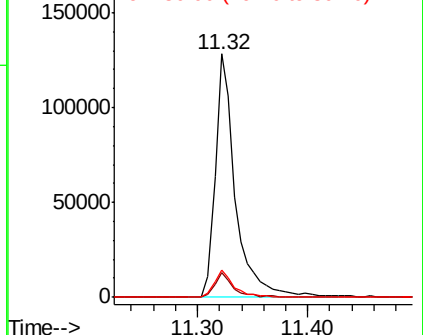
80 11.4 9.0 13.6



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117349.D

Acq: 8 Oct 2019 19:10

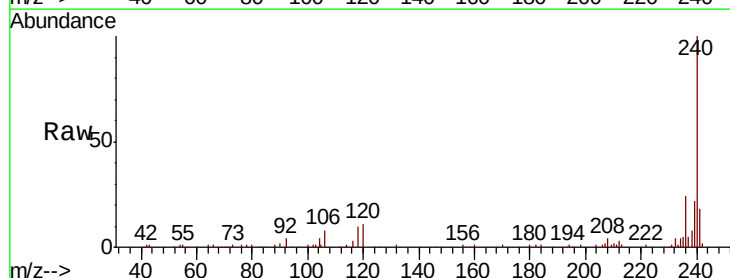
Tgt Ion:240 Resp: 134286

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

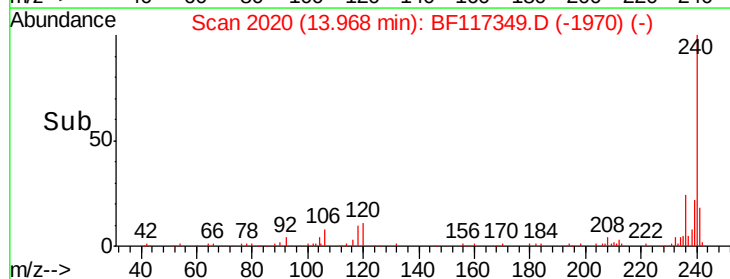
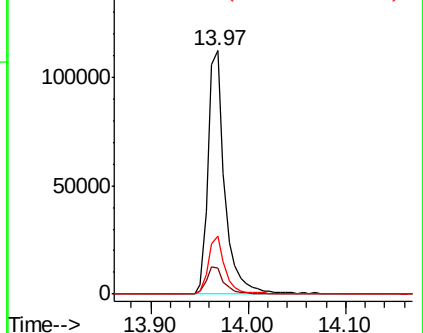
236 24.0 20.3 30.5

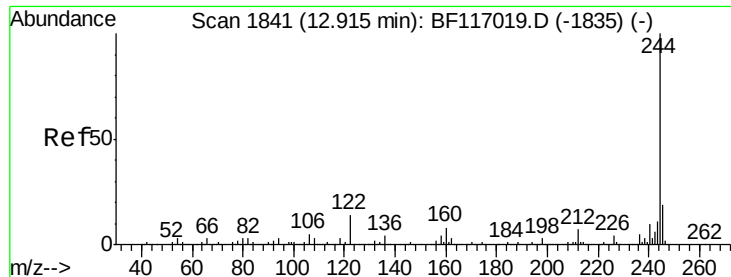


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

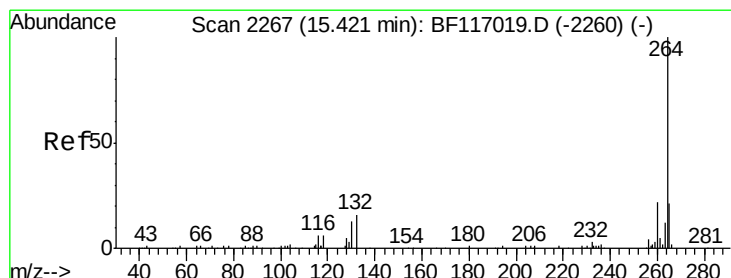
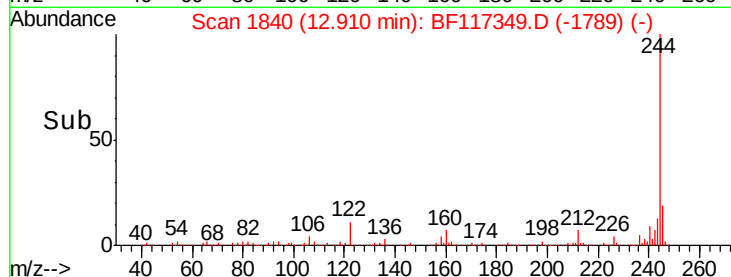
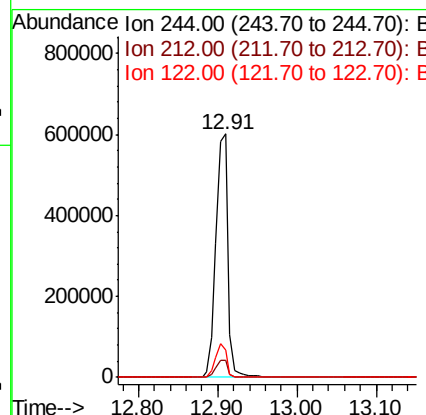
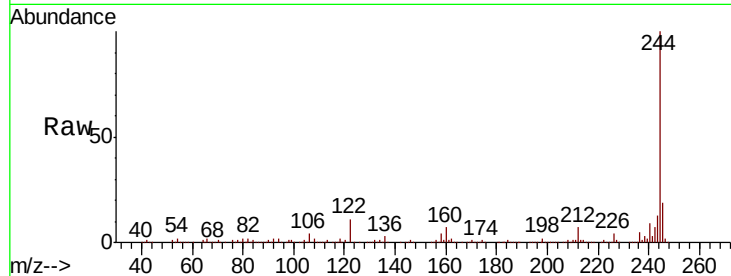




#79
 Terphenyl-d14
 Concen: 88.104 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF117349.D
 Acq: 8 Oct 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-COMP

Tot Ion:244 Resp: 632946
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 11.0 11.3 16.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF117349.D
 Acq: 8 Oct 2019 19:10

Tgt Ion:264 Resp: 119749
 Ion Ratio Lower Upper
 264 100
 260 21.7 17.6 26.4
 265 20.4 16.6 24.8

