

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117384.D
 Acq On : 12 Oct 2019 22:23
 Operator : JU
 Sample : K5323-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 14 03:06:38 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	44897	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	182686	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	96734	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	166610	20.00	ng	0.00
76) Chrysene-d12	13.96	240	140191	20.00	ng	-0.01
87) Perylene-d12	15.42	264	134025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	347065	120.69	ng	0.00
7) Phenol-d6	6.44	99	440760	118.60	ng	-0.01
23) Nitrobenzene-d5	7.36	82	290157	83.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	106810	132.11	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	533216	86.19	ng	-0.01
79) Terphenyl-d14	12.90	244	601434	80.19	ng	0.00

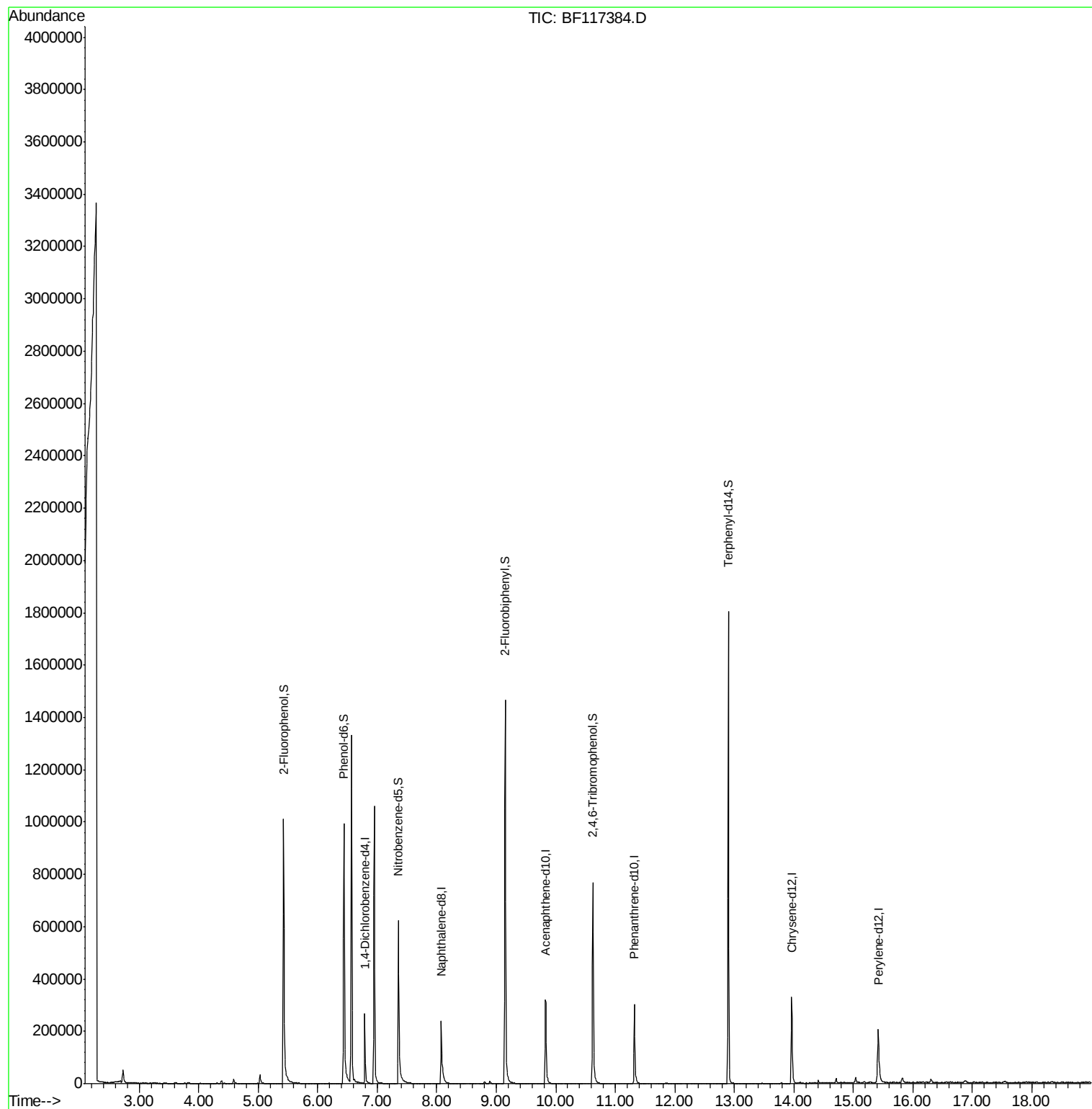
Target Compounds Qvalue

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

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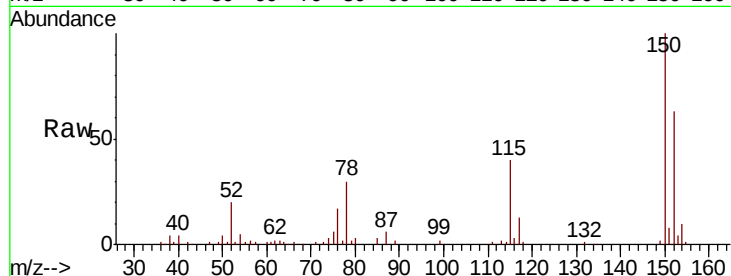


#1

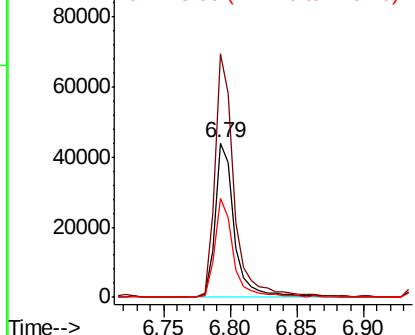
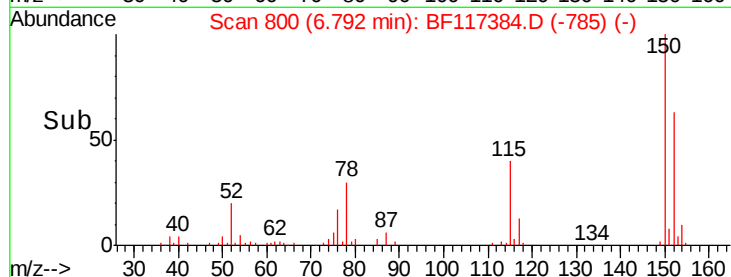
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117384.D
Acq: 12 Oct 2019 22:23

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 44897
Ion Ratio Lower Upper
152 100
150 157.8 127.5 191.3
115 63.8 55.0 82.4



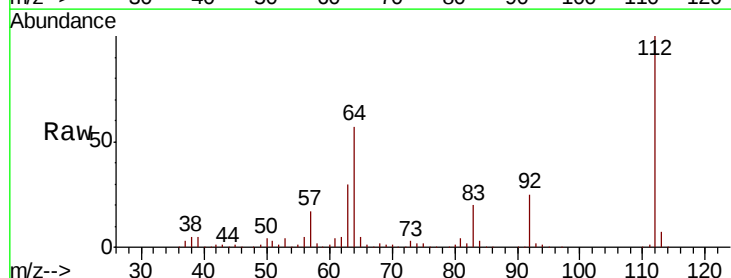
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



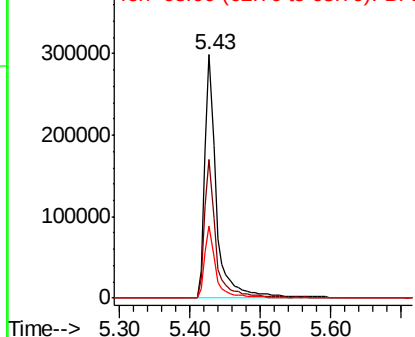
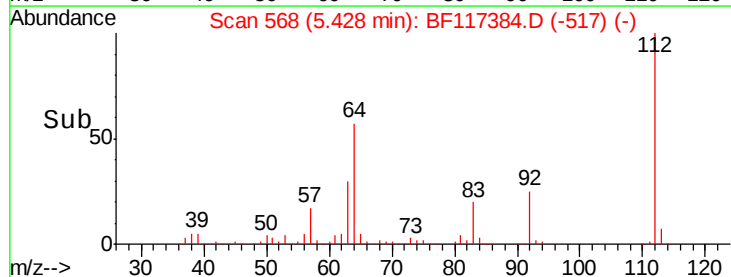
#5

2-Fluorophenol
Concen: 120.688 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF117384.D
Acq: 12 Oct 2019 22:23

Tgt Ion:112 Resp: 347065
Ion Ratio Lower Upper
112 100
64 56.7 45.7 68.5
63 29.7 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: 118.597 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117384.D

Acq: 12 Oct 2019 22:23

Instrument :

BNA_F

ClientSampled :

TP-2

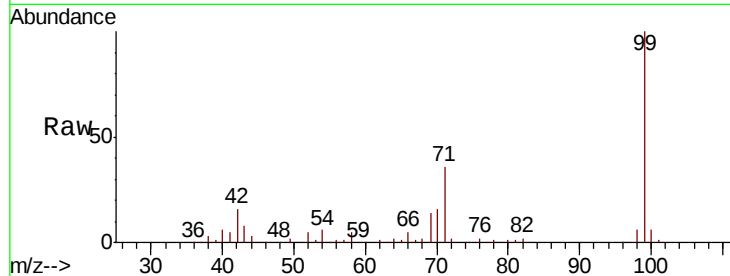
Tot Ion: 99 Resp: 440760

Ion Ratio Lower Upper

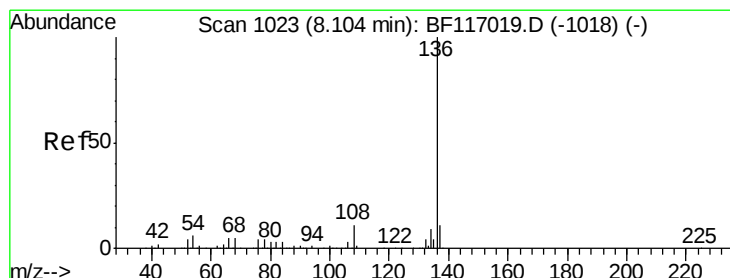
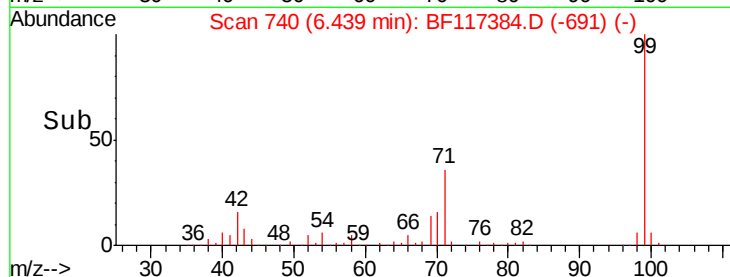
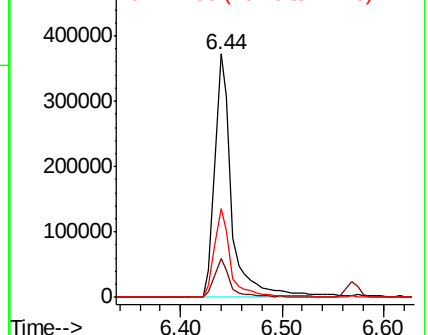
99 100

42 16.0 12.2 18.2

71 36.2 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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF117384.D

Acq: 12 Oct 2019 22:23

Tgt Ion: 136 Resp: 182686

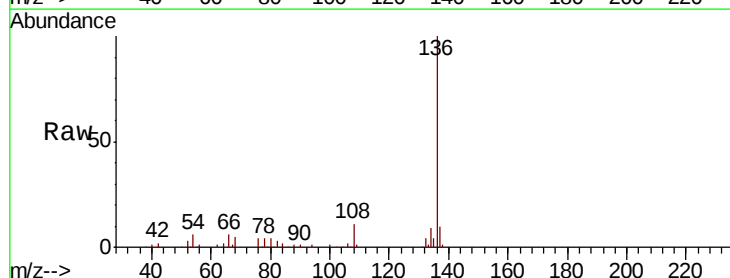
Ion Ratio Lower Upper

136 100

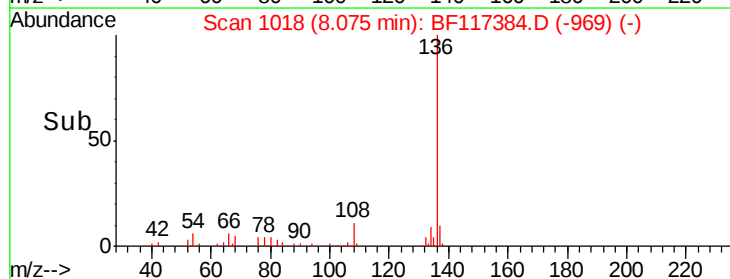
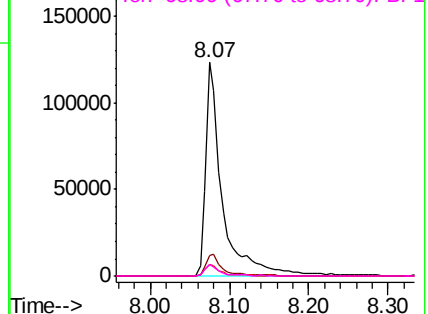
137 9.7 9.0 13.4

54 5.6 4.5 6.7

68 5.3 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

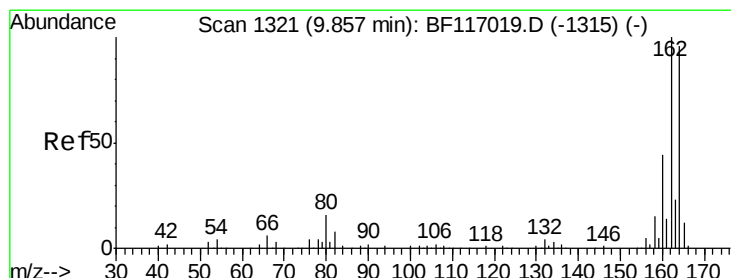
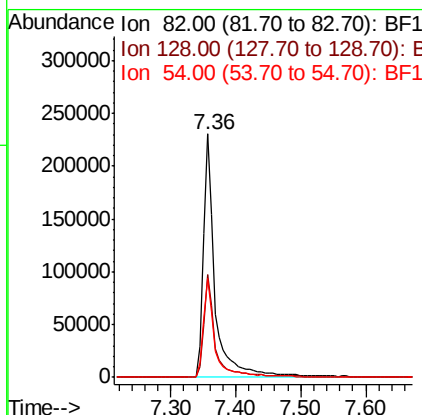
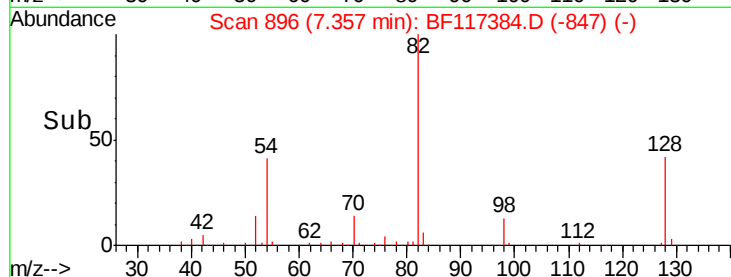
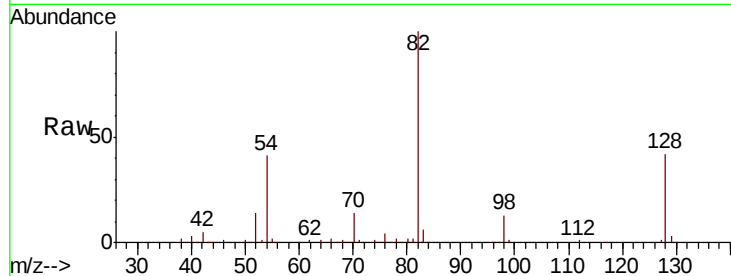




#23
 Nitrobenzene-d5
 Concen: 83.452 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117384.D
 Acq: 12 Oct 2019 22:23

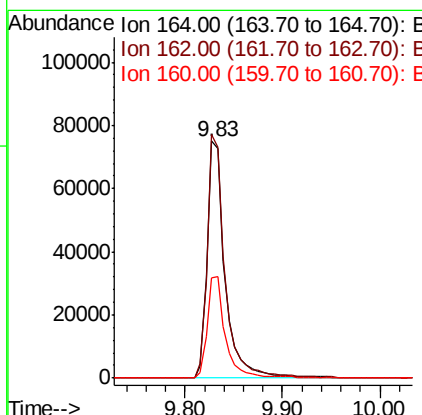
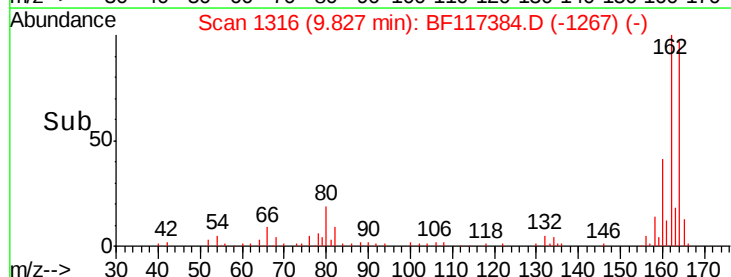
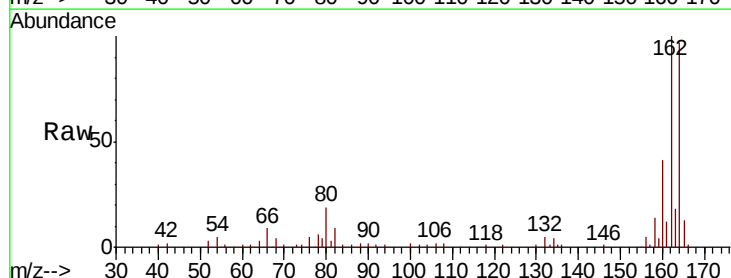
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

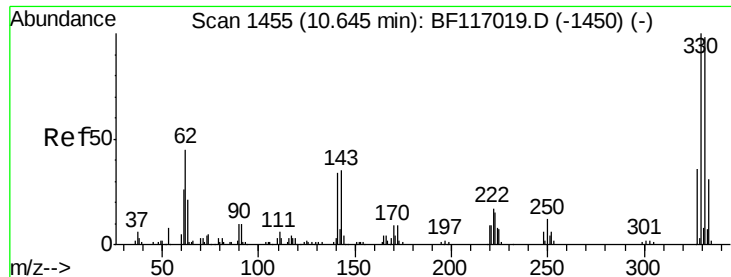
Tot Ion	82	Resp	290157
Ion Ratio	100	Lower	Upper
128	42.0	32.3	48.5
54	40.7	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF117384.D
 Acq: 12 Oct 2019 22:23

Tgt Ion	164	Resp	96734
Ion Ratio	100	Lower	Upper
162	102.9	83.4	125.2
160	42.4	36.4	54.6

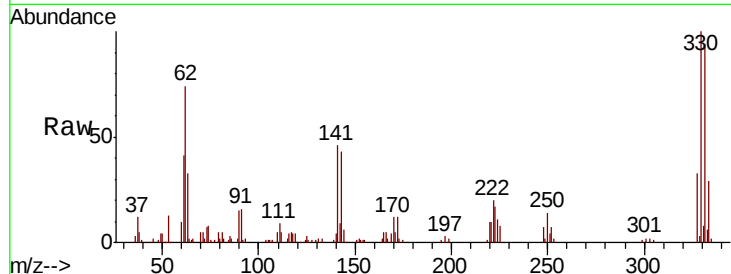




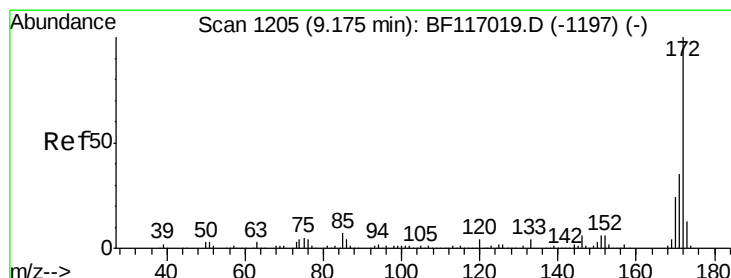
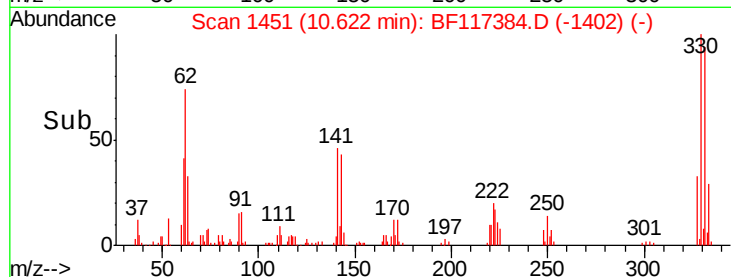
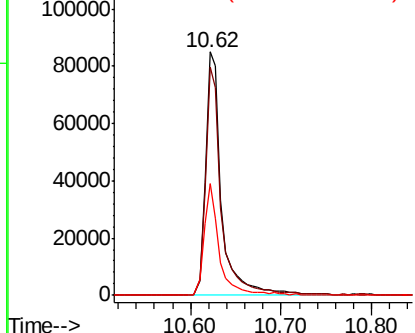
#42
 2,4,6-Tribromophenol
 Concen: 132.113 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF117384.D
 Acq: 12 Oct 2019 22:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:330 Resp: 106810
 Ion Ratio Lower Upper
 330 100
 332 93.3 78.0 117.0
 141 42.8 35.8 53.6

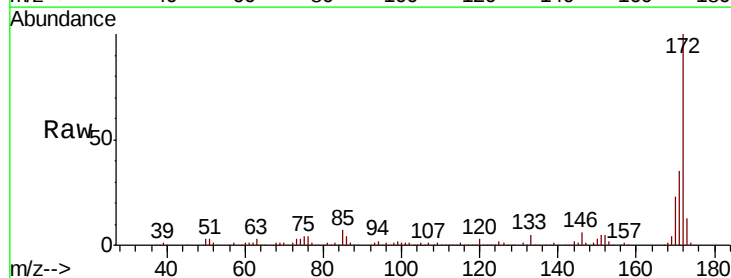


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

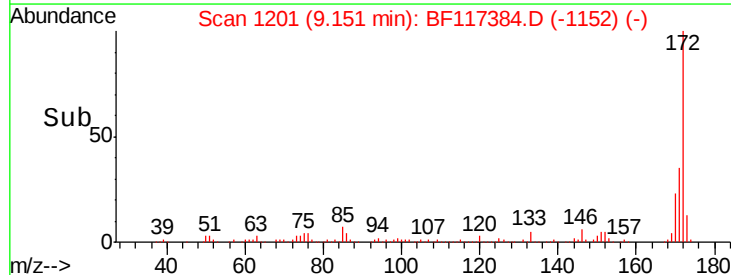
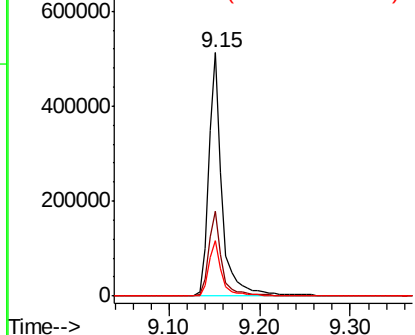


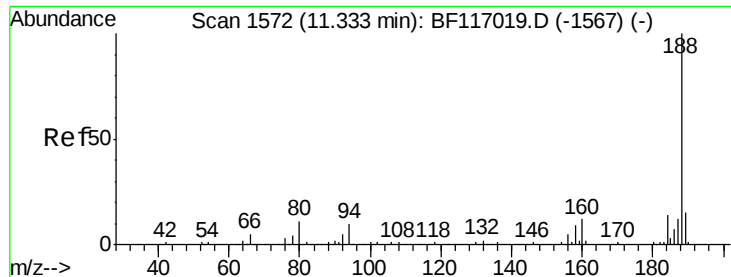
#45
 2-Fluorobiphenyl
 Concen: 86.187 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF117384.D
 Acq: 12 Oct 2019 22:23

Tgt Ion:172 Resp: 533216
 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: BF117384.D

Acq: 12 Oct 2019 22:23

Instrument :

BNA_F

ClientSampleId :

TP-2

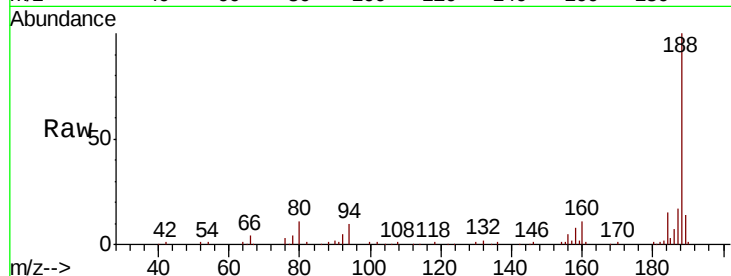
Tot Ion:188 Resp: 166610

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

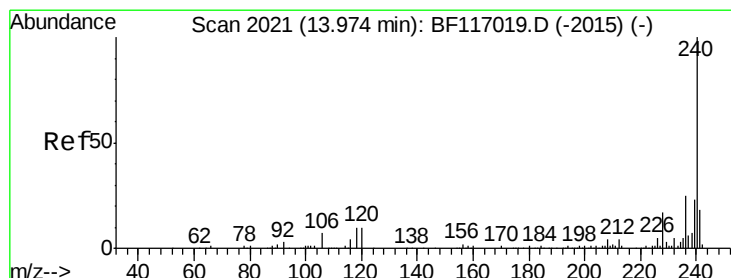
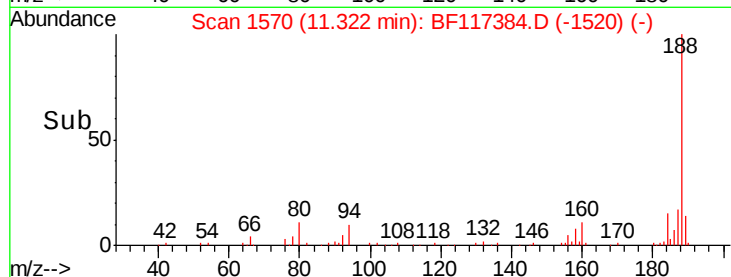
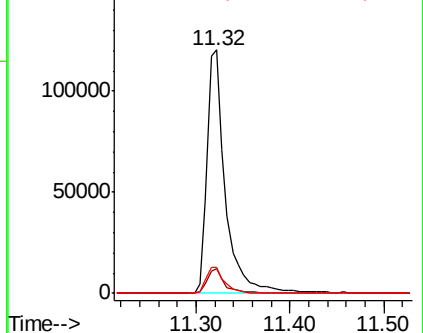
80 10.7 9.0 13.6



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: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF117384.D

Acq: 12 Oct 2019 22:23

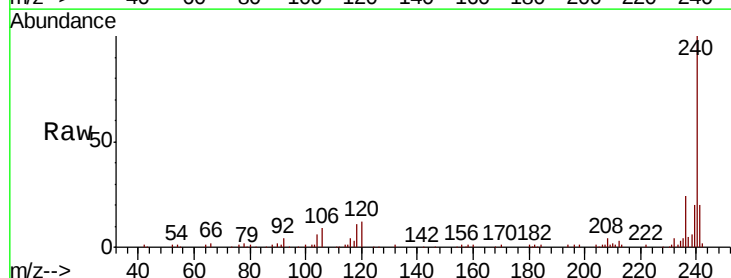
Tgt Ion:240 Resp: 140191

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

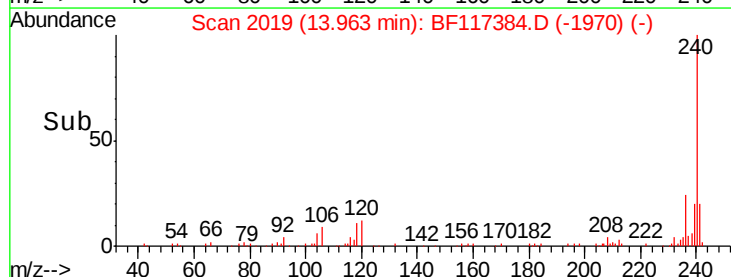
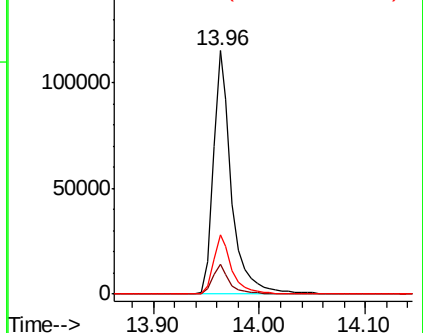
236 24.4 20.3 30.5

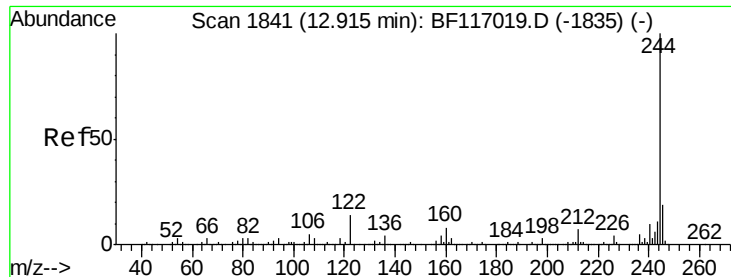


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.192 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117384.D

Acq: 12 Oct 2019 22:23

Instrument :

BNA_F

ClientSampleId :

TP-2

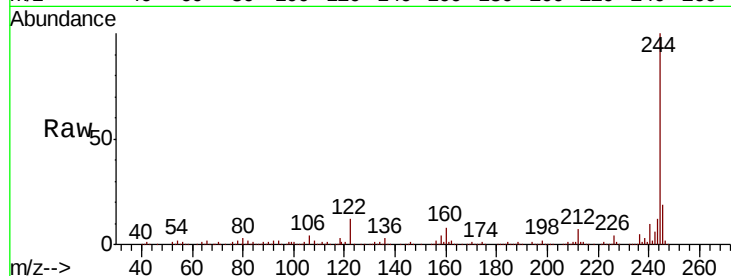
Tot Ion:244 Resp: 601434

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

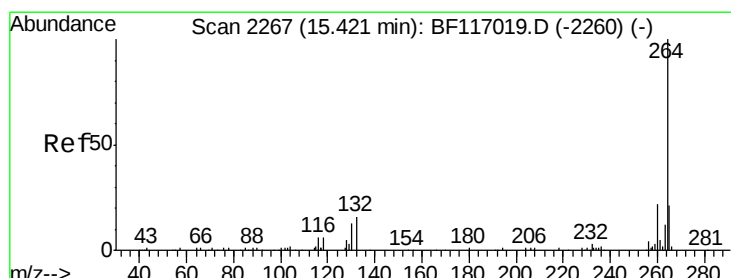
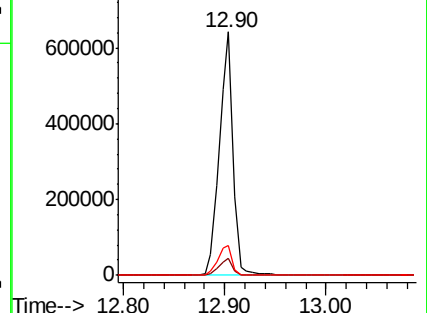
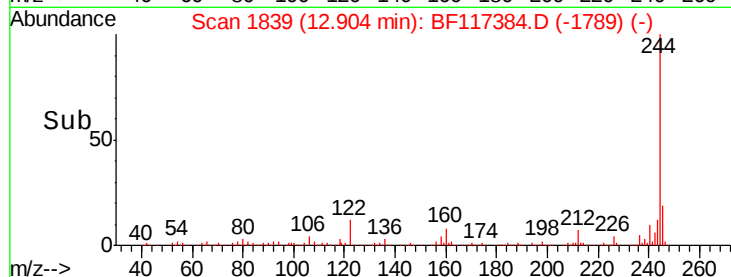
122 12.4 11.3 16.9



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# 2267

Delta R.T. -0.01 min

Lab File: BF117384.D

Acq: 12 Oct 2019 22:23

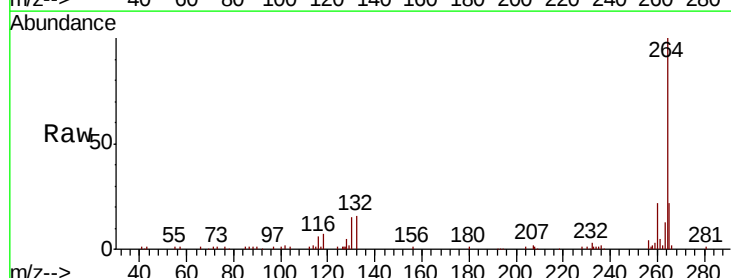
Tgt Ion:264 Resp: 134025

Ion Ratio Lower Upper

264 100

260 22.3 17.6 26.4

265 22.3 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

