

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117459.D
 Acq On : 21 Oct 2019 20:41
 Operator : JU
 Sample : K5150-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-101819

Quant Time: Oct 22 02:24:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	60121	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	251277	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	130982	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	226184	20.00	ng	0.00
76) Chrysene-d12	13.89	240	193204	20.00	ng	-0.01
87) Perylene-d12	15.32	264	193773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	343911	85.10	ng	0.01
7) Phenol-d6	6.38	99	450358	82.97	ng	0.00
23) Nitrobenzene-d5	7.30	82	290262	57.03	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	102490	90.43	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	517085	55.62	ng	0.00
79) Terphenyl-d14	12.83	244	583762	49.28	ng	0.00

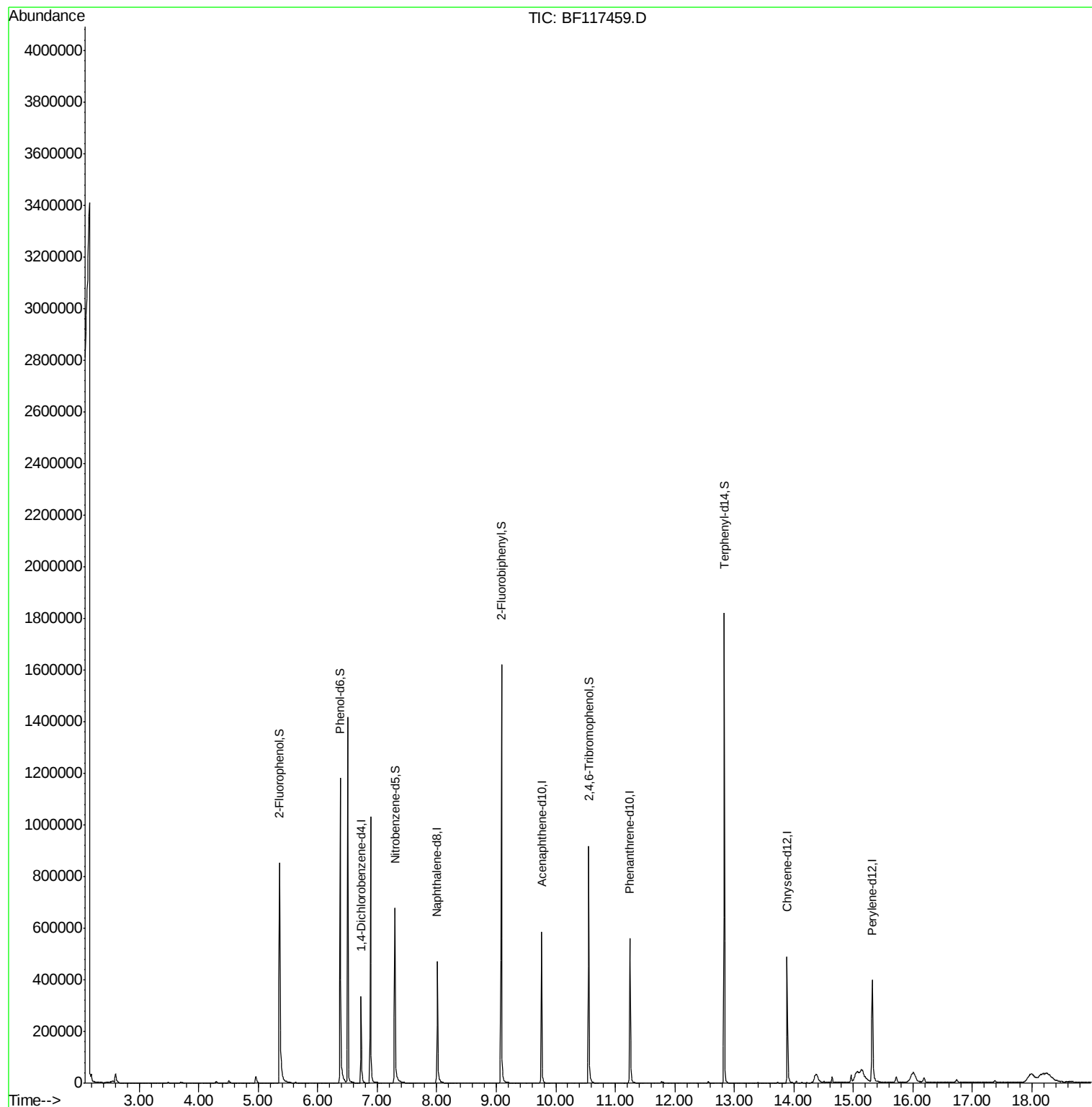
Target Compounds Qvalue

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

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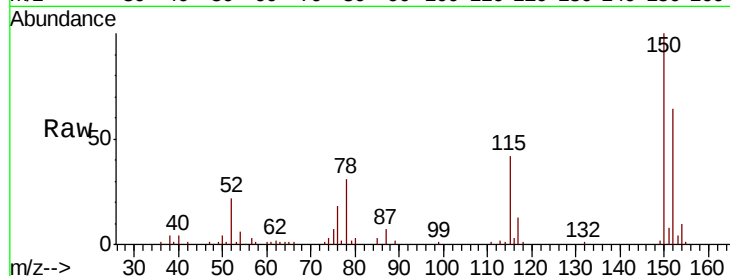


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Instrument :
BNA_F
ClientSampleId :
PL-01-101819

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.8	190.2
115	66.5	51.6	77.4

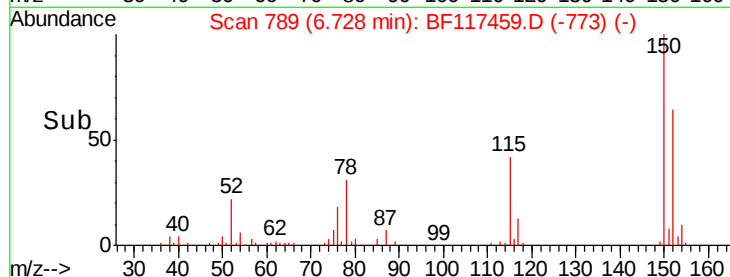
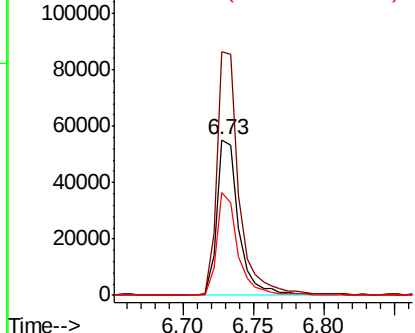


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

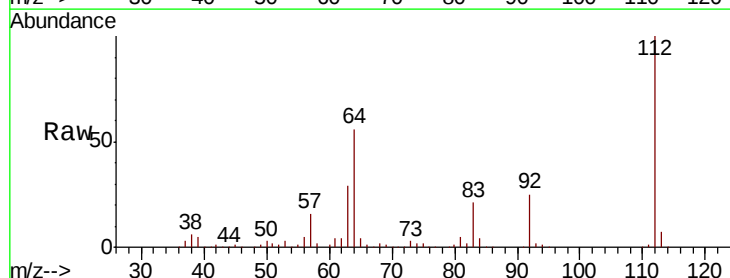
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.101 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.1	66.1
63	29.2	23.4	35.2

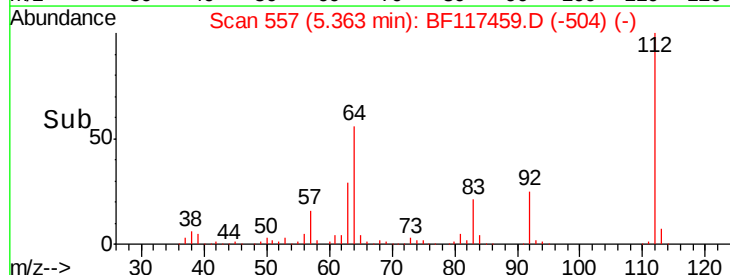
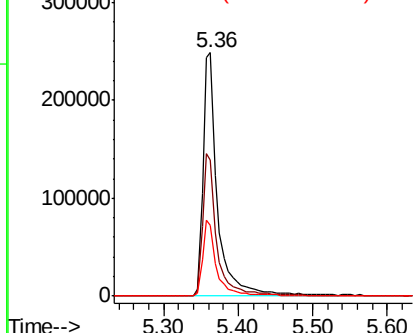


Abundance

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: 82.973 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117459.D

Acq: 21 Oct 2019 20:41

Instrument :

BNA_F

ClientSampleId :

PL-01-101819

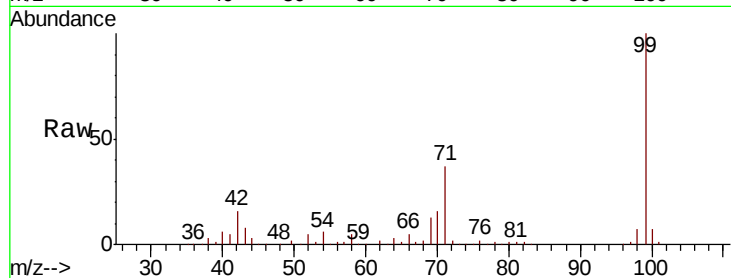
Tot Ion: 99 Resp: 450358

Ion Ratio Lower Upper

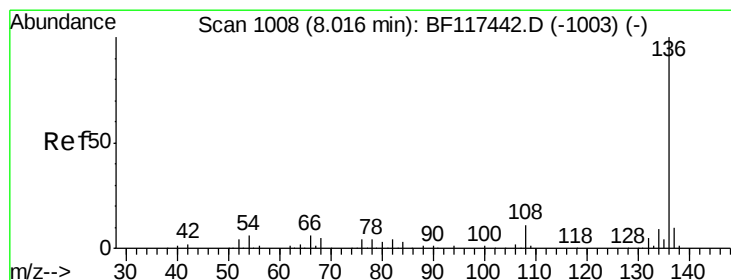
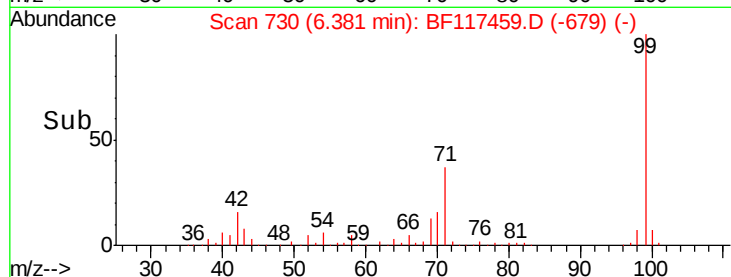
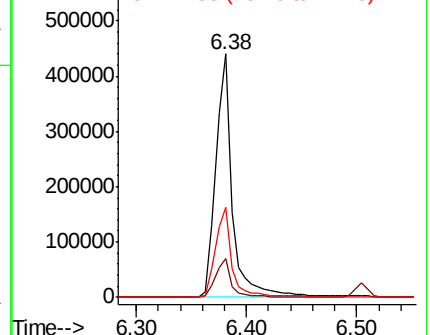
99 100

42 15.7 12.8 19.2

71 36.8 28.6 43.0



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117459.D

Acq: 21 Oct 2019 20:41

Tgt Ion: 136 Resp: 251277

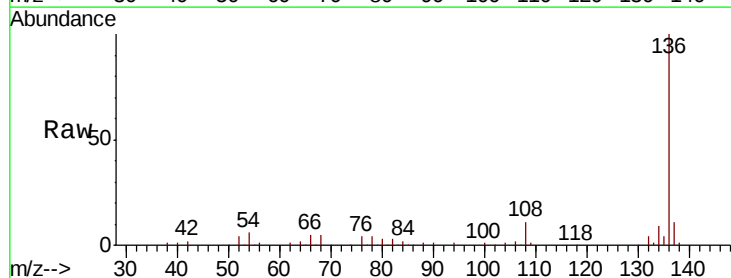
Ion Ratio Lower Upper

136 100

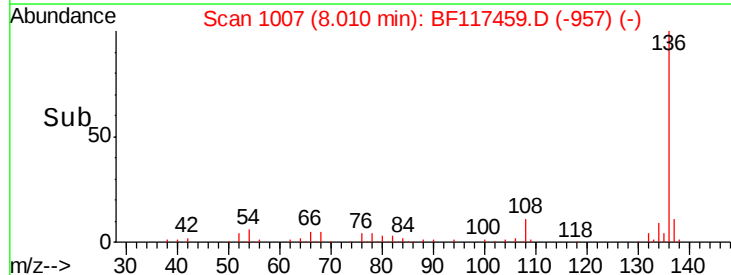
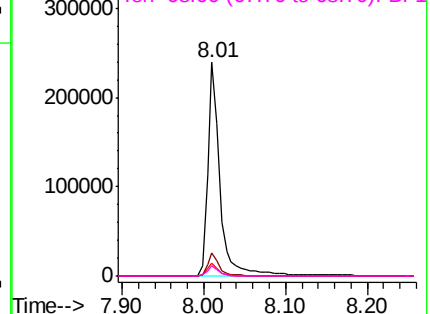
137 11.1 8.2 12.4

54 6.0 4.5 6.7

68 5.1 4.3 6.5



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

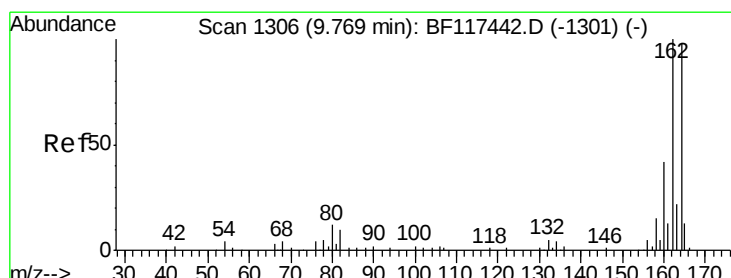
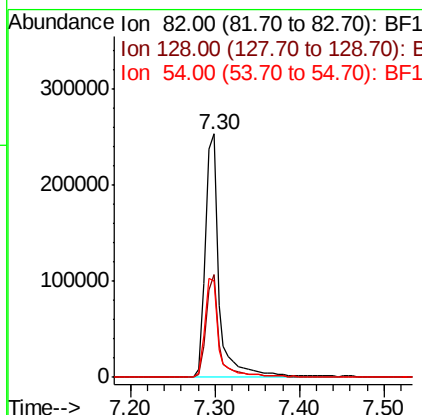
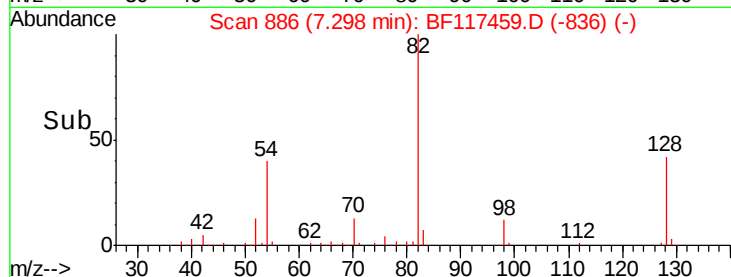
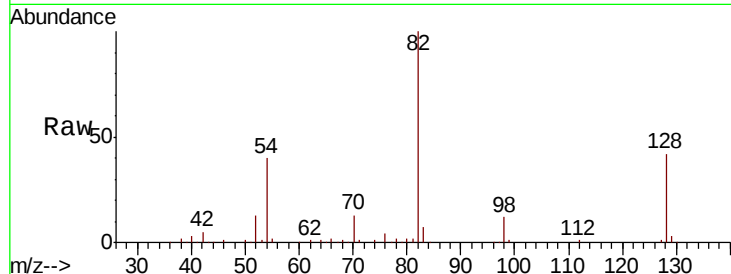




#23
Nitrobenzene-d5
Concen: 57.027 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

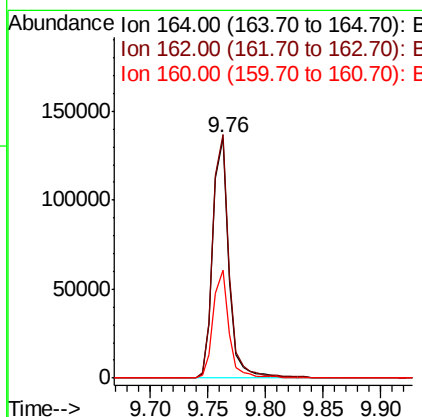
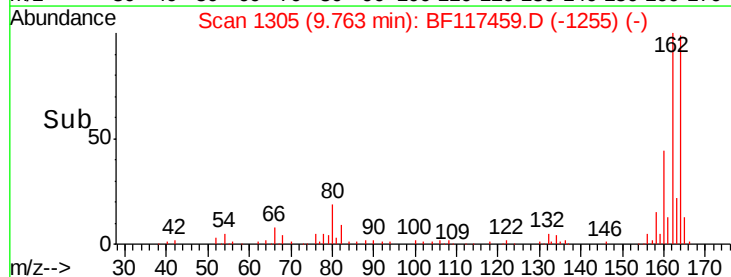
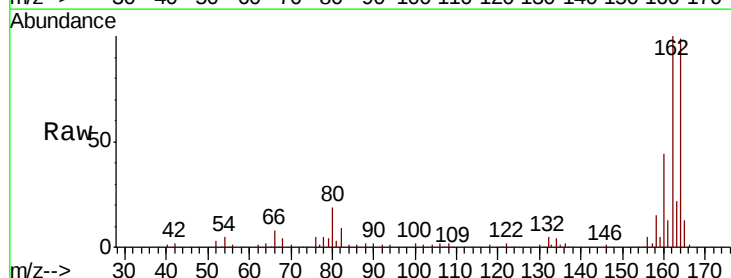
Instrument :
BNA_F
ClientSampleId :
PL-01-101819

Tot Ion: 82 Resp: 290262
Ion Ratio Lower Upper
82 100
128 42.0 32.2 48.2
54 39.8 34.2 51.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117459.D
Acq: 21 Oct 2019 20:41

Tgt Ion:164 Resp: 130982
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 45.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 90.433 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117459.D

Acq: 21 Oct 2019 20:41

Instrument :

BNA_F

ClientSampleId :

PL-01-101819

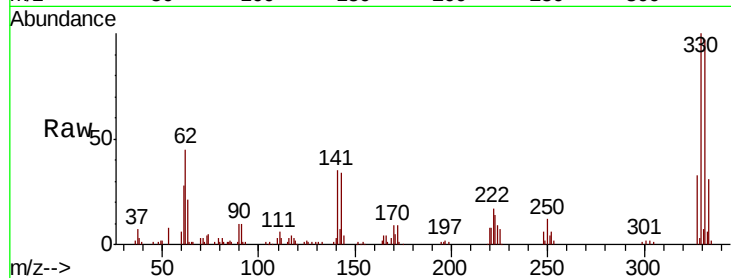
Tot Ion:330 Resp: 102490

Ion Ratio Lower Upper

330 100

332 96.0 78.5 117.7

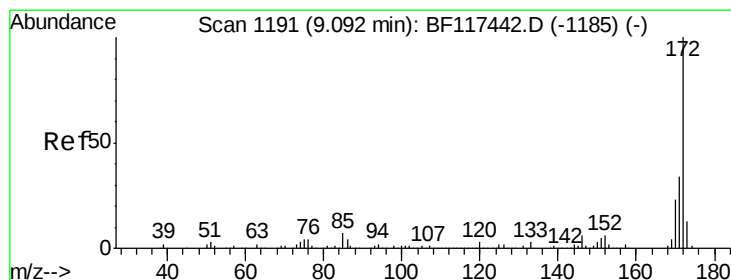
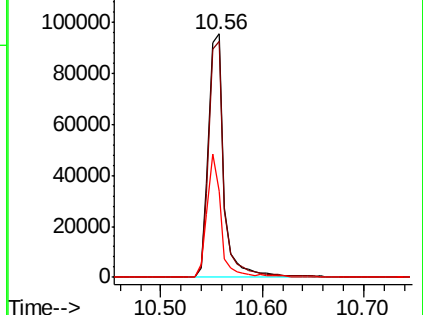
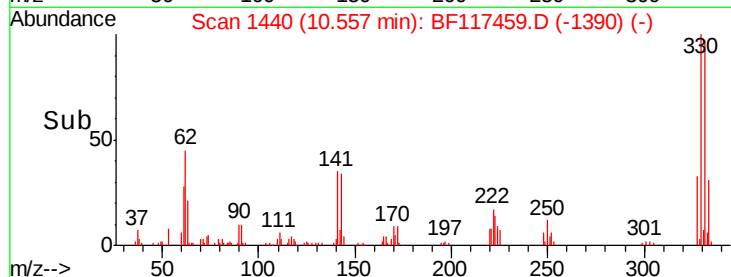
141 45.2 37.0 55.6



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: 55.623 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF117459.D

Acq: 21 Oct 2019 20:41

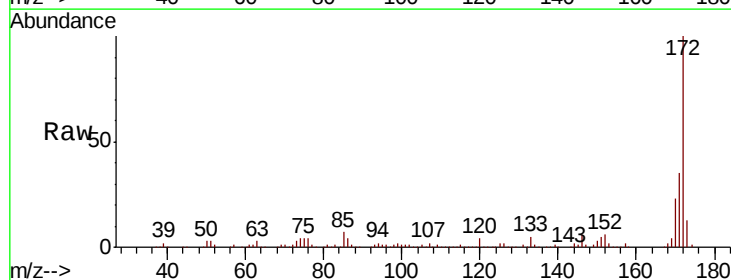
Tgt Ion:172 Resp: 517085

Ion Ratio Lower Upper

172 100

171 35.4 27.5 41.3

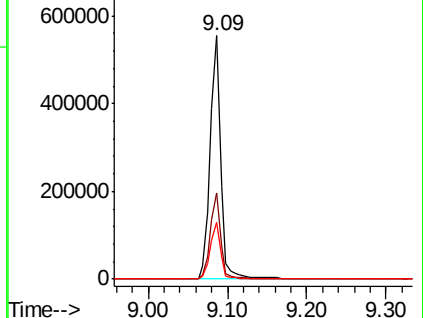
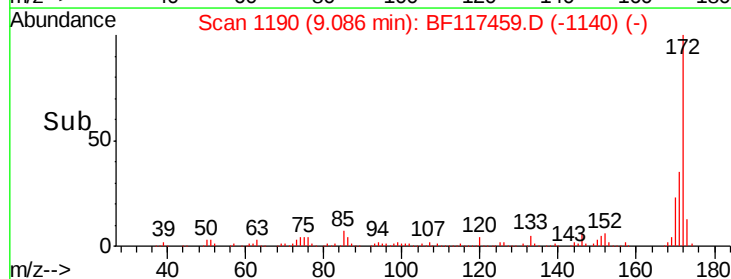
170 23.3 18.6 27.8

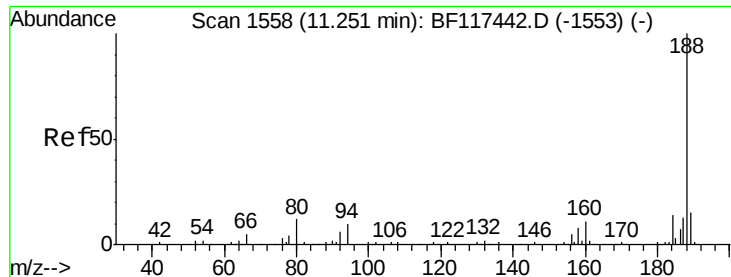


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117459.D

Acq: 21 Oct 2019 20:41

Instrument :

BNA_F

ClientSampleId :

PL-01-101819

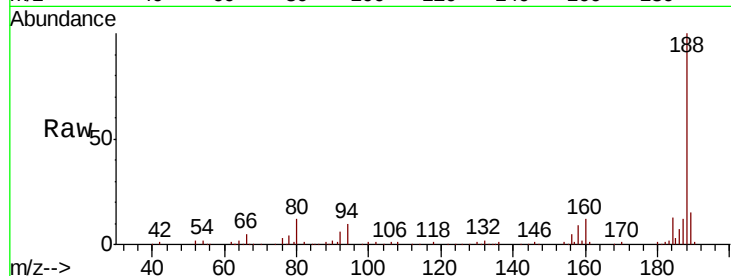
Tot Ion:188 Resp: 226184

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

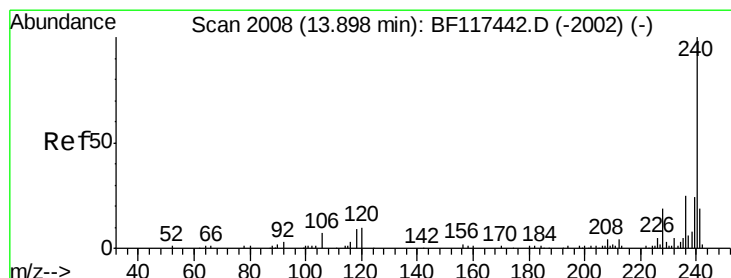
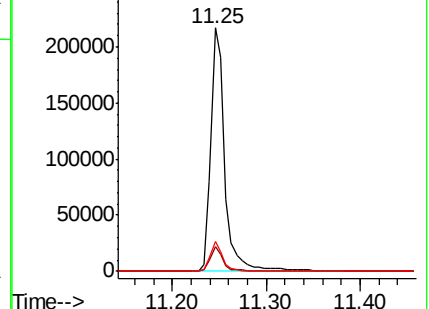
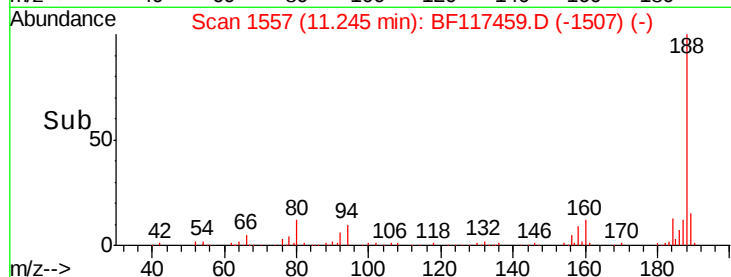
80 12.2 9.5 14.3



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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF117459.D

Acq: 21 Oct 2019 20:41

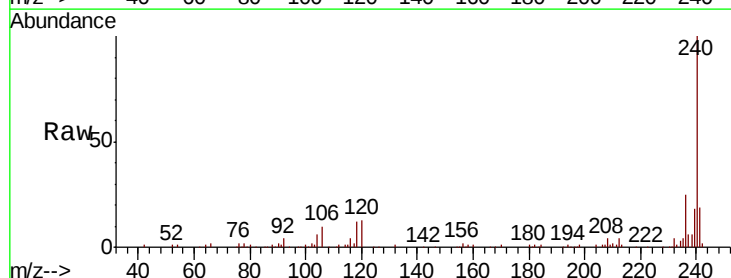
Tgt Ion:240 Resp: 193204

Ion Ratio Lower Upper

240 100

120 13.0 8.4 12.6#

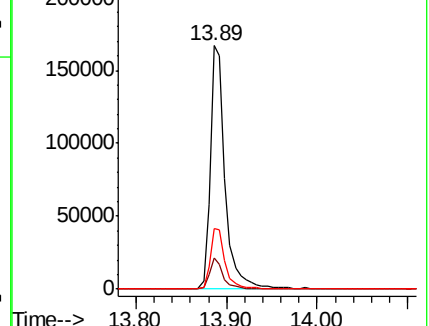
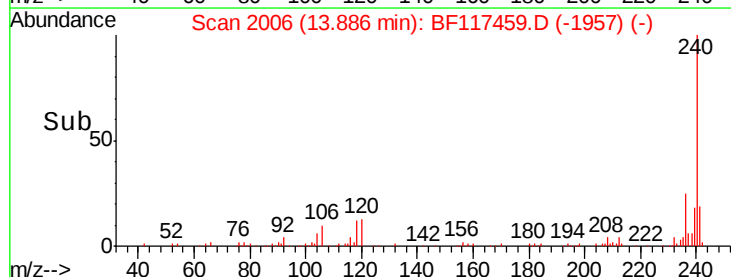
236 25.1 20.0 30.0

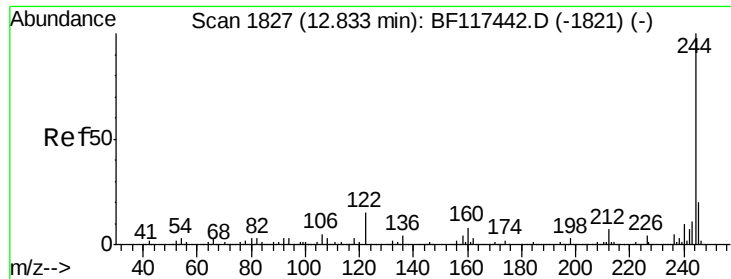


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 49.284 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF117459.D

Acq: 21 Oct 2019 20:41

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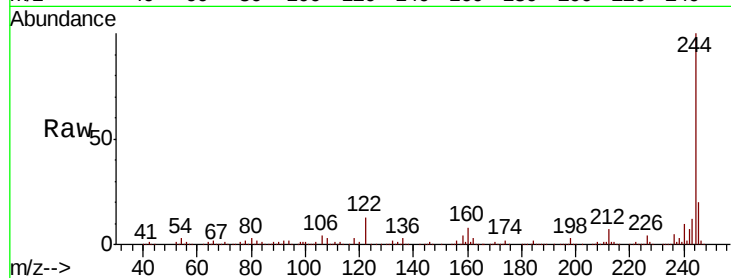
Tot Ion:244 Resp: 583762

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

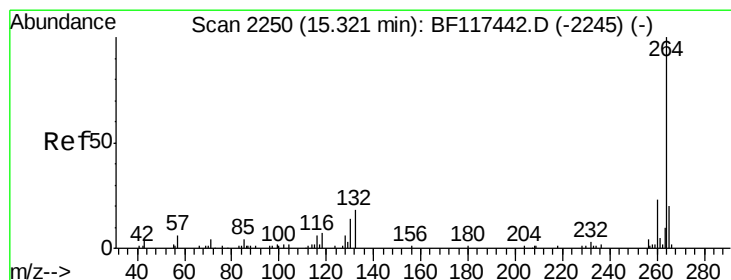
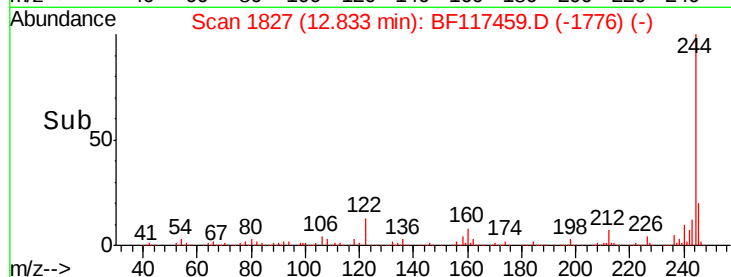
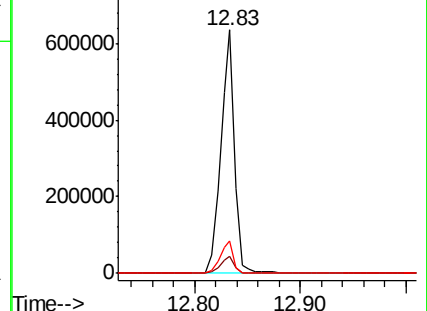
122 13.2 11.8 17.8



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: 15.32 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BF117459.D

Acq: 21 Oct 2019 20:41

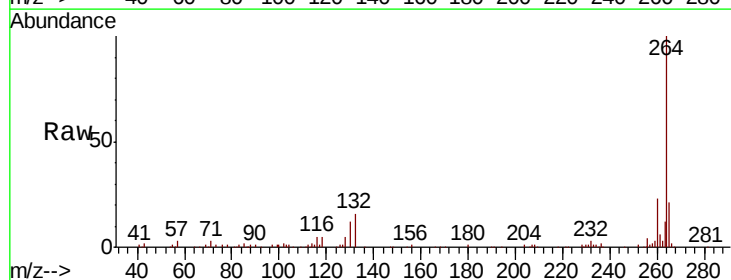
Tgt Ion:264 Resp: 193773

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 20.6 16.1 24.1



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

