

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119949.D
 Acq On : 14 Apr 2020 13:32
 Operator : MA/SJ
 Sample : L2243-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-31-30-COMP

Quant Time: Apr 14 14:03:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	212164	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	822172	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	431779	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	851711	20.00	ng	0.00
76) Chrysene-d12	13.90	240	640748	20.00	ng	-0.01
87) Perylene-d12	15.33	264	495356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1720689	140.16	ng	0.02
7) Phenol-d6	6.37	99	1965811	124.27	ng	0.00
23) Nitrobenzene-d5	7.30	82	1503072	94.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	678537	128.35	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2870982	94.40	ng	0.00
79) Terphenyl-d14	12.86	244	3104283	81.52	ng	0.00

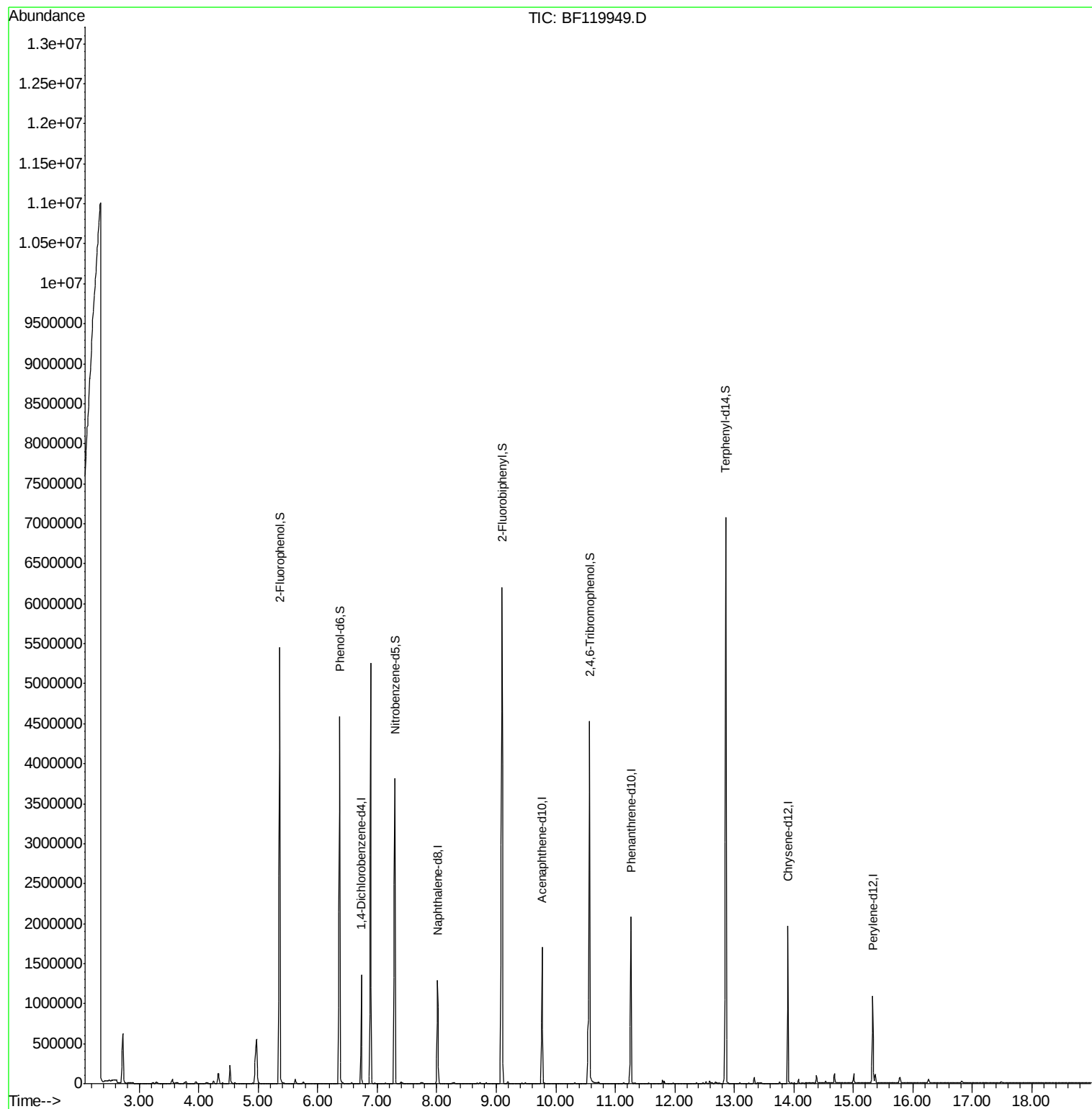
Target Compounds Qvalue

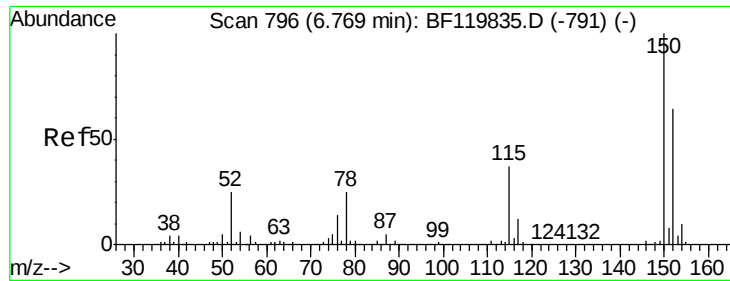
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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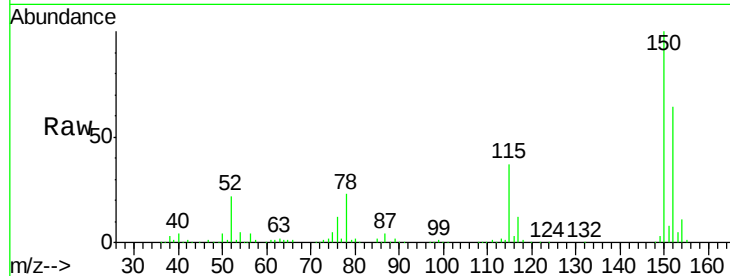


#1

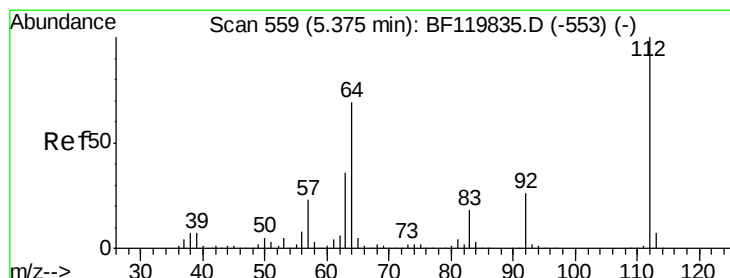
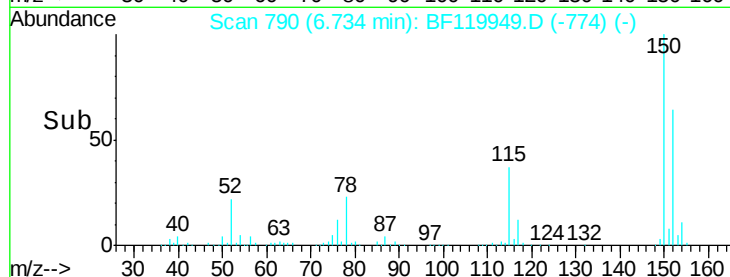
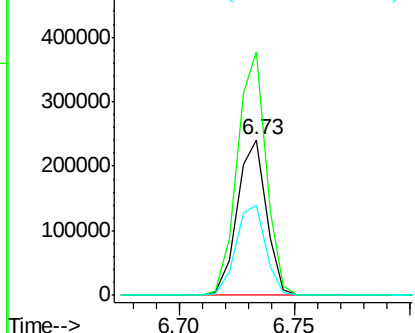
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119949.D
Acq: 14 Apr 2020 13:32

Instrument :
BNA_F
ClientSampleId :
TP-31-30-COMP

Tot Ion:152 Resp: 212164
Ion Ratio Lower Upper
152 100
150 156.7 124.8 187.2
115 57.7 46.5 69.7



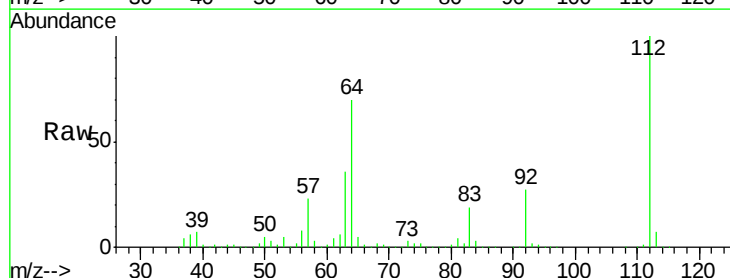
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



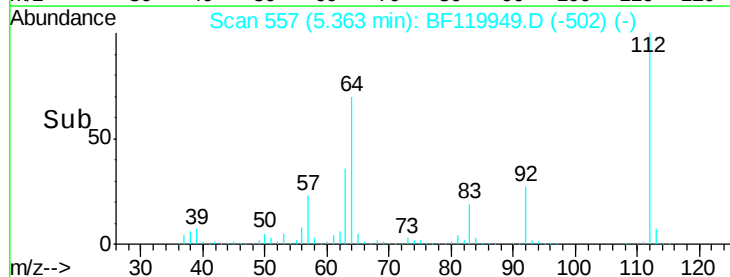
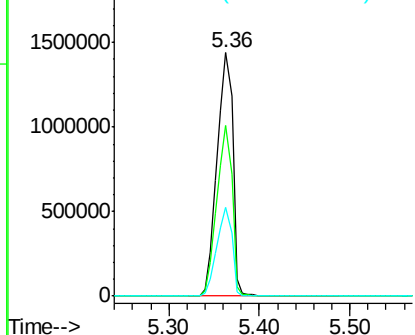
#5

2-Fluorophenol
Concen: 140.159 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119949.D
Acq: 14 Apr 2020 13:32

Tgt Ion:112 Resp: 1720689
Ion Ratio Lower Upper
112 100
64 70.2 55.5 83.3
63 36.3 29.1 43.7



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: 124.268 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

Instrument :

BNA_F

ClientSampleId :

TP-31-30-COMP

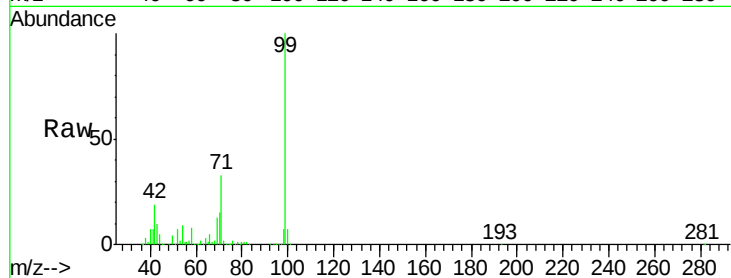
Tot Ion: 99 Resp: 1965811

Ion Ratio Lower Upper

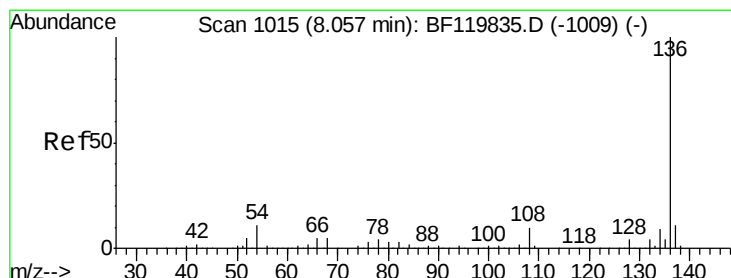
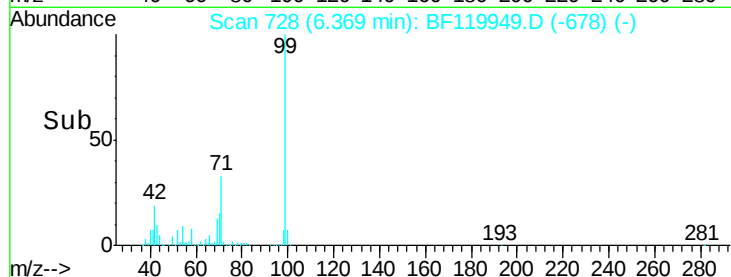
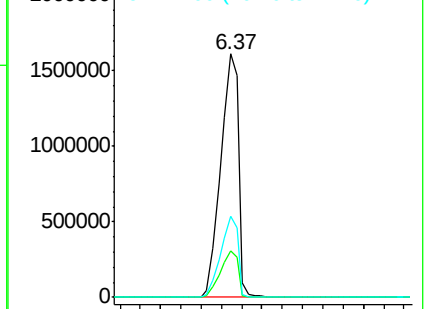
99 100

42 19.3 16.9 25.3

71 33.4 26.3 39.5



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: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

Tgt Ion: 136 Resp: 822172

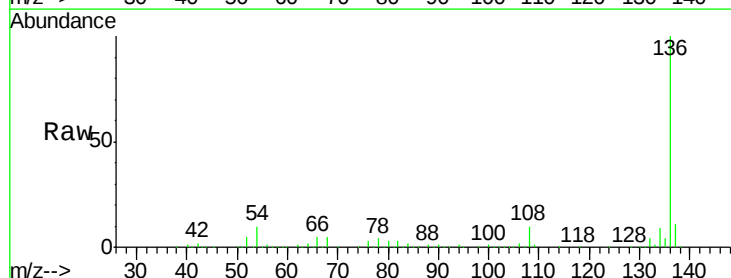
Ion Ratio Lower Upper

136 100

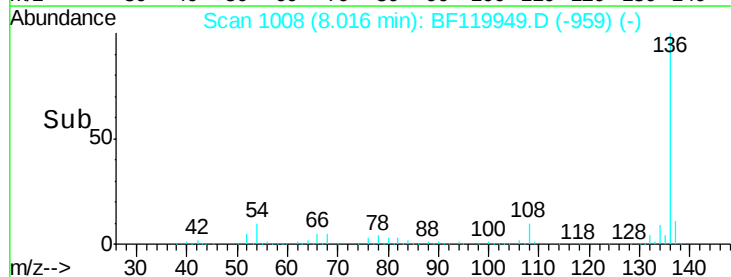
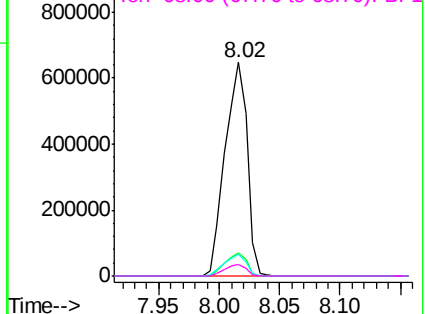
137 10.6 8.7 13.1

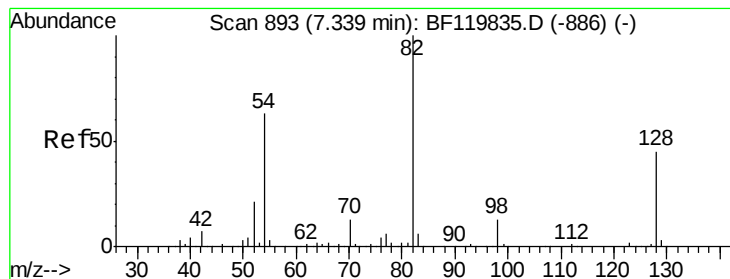
54 10.4 8.5 12.7

68 5.2 3.9 5.9



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: 94.578 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

Instrument :

BNA_F

ClientSampleId :

TP-31-30-COMP

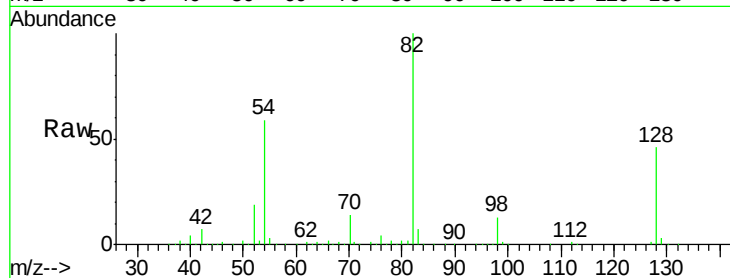
Tot Ion: 82 Resp: 1503072

Ion Ratio Lower Upper

82 100

128 46.3 36.2 54.4

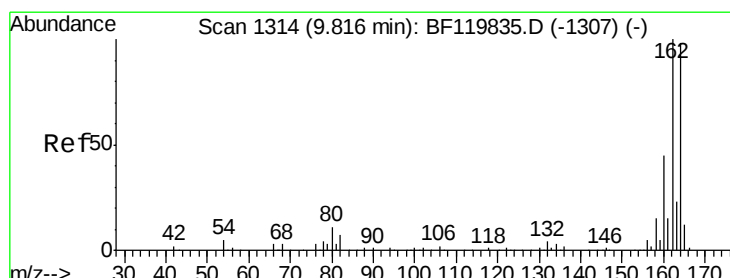
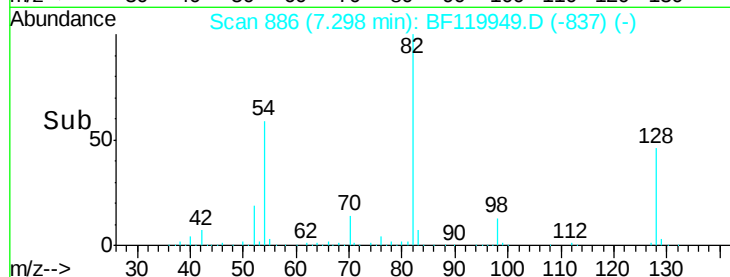
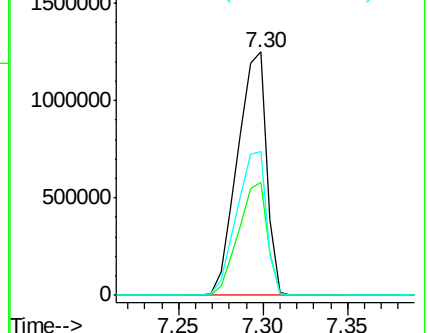
54 59.2 50.4 75.6



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

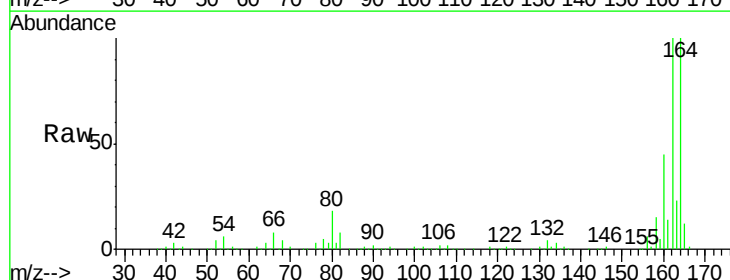
Tgt Ion:164 Resp: 431779

Ion Ratio Lower Upper

164 100

162 99.6 81.9 122.9

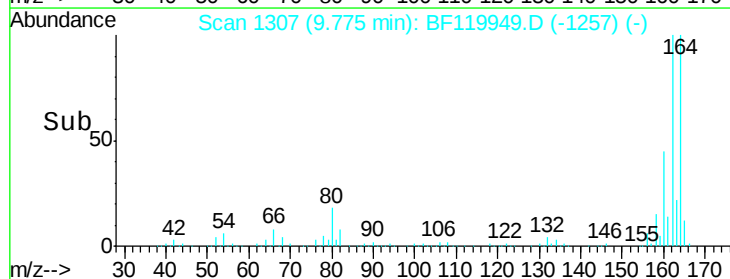
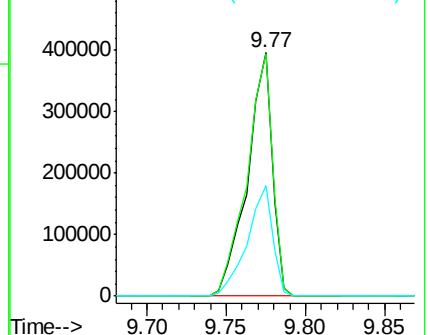
160 45.4 36.6 54.8



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

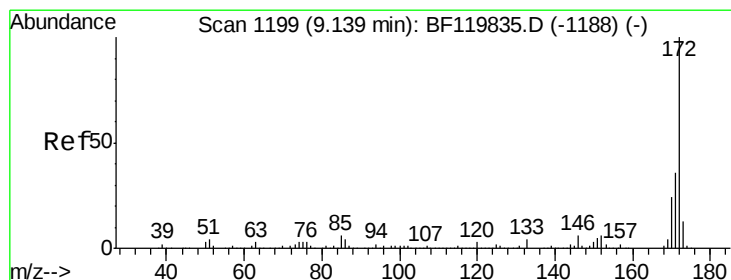
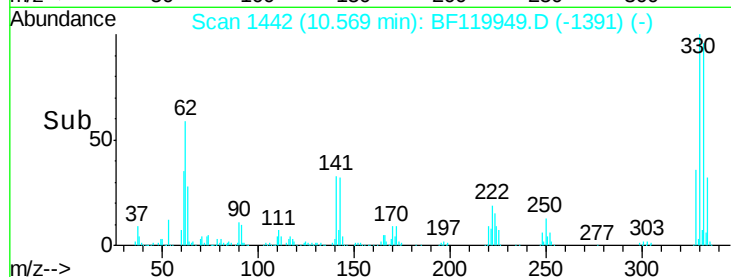
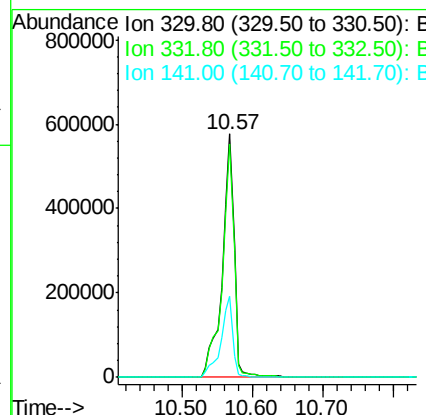
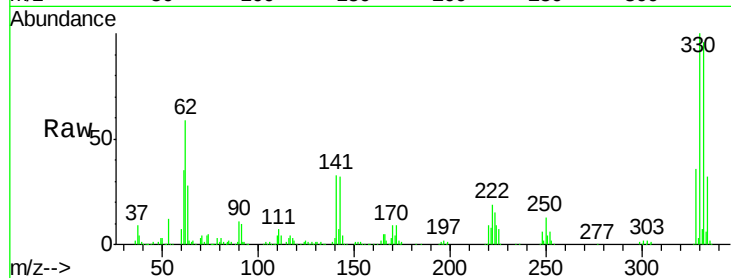




#42
 2,4,6-Tribromophenol
 Concen: 128.354 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119949.D
 Acq: 14 Apr 2020 13:32

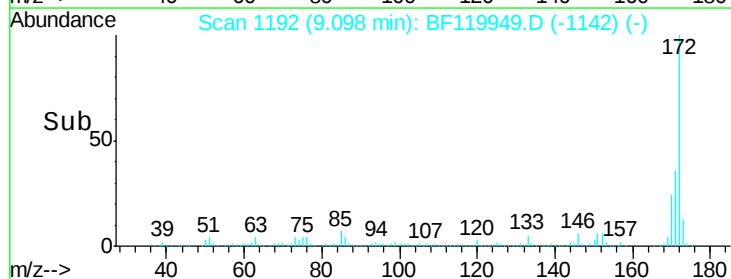
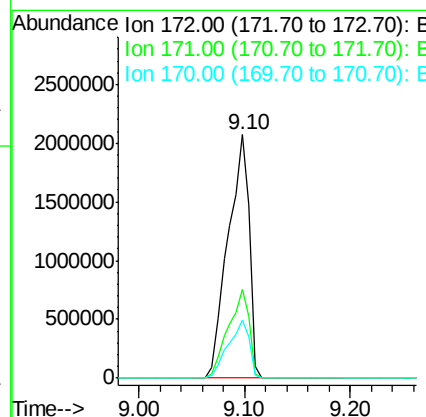
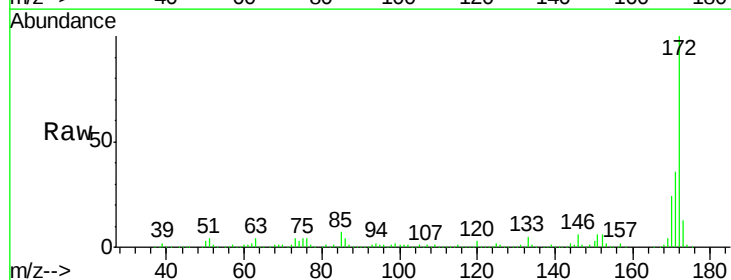
Instrument :
 BNA_F
 ClientSampleId :
 TP-31-30-COMP

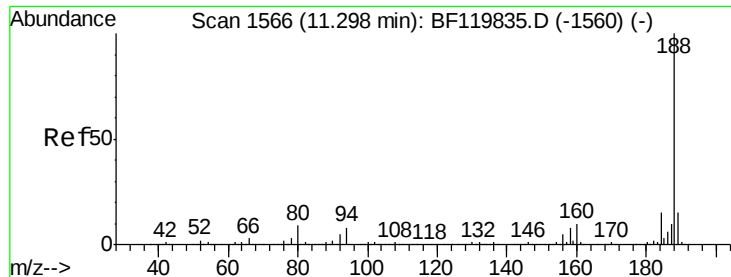
Tot Ion:330 Resp: 678537
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 33.5 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 94.404 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119949.D
 Acq: 14 Apr 2020 13:32

Tgt Ion:172 Resp: 2870982
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.0 19.4 29.2

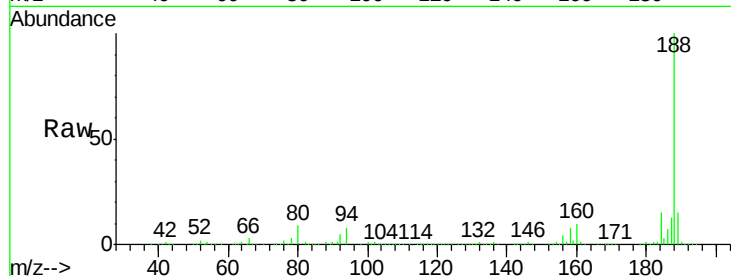




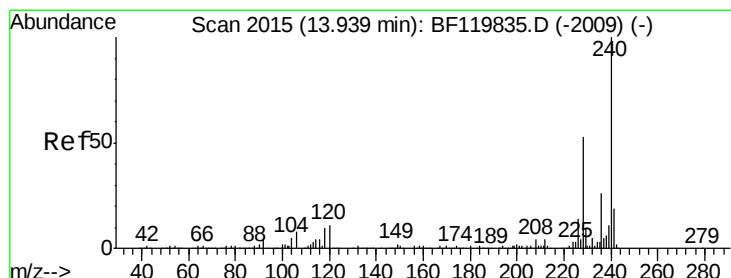
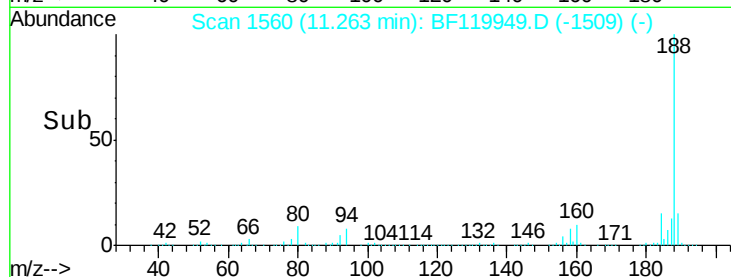
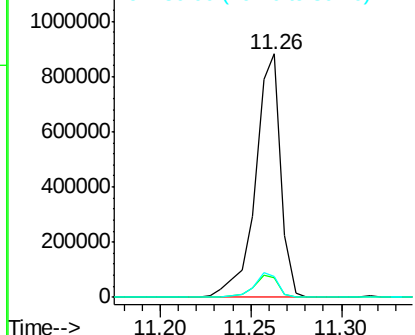
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF119949.D
Acq: 14 Apr 2020 13:32

Instrument :
BNA_F
ClientSampleId :
TP-31-30-COMP

Tot Ion:188 Resp: 851711
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.8 7.4 11.2

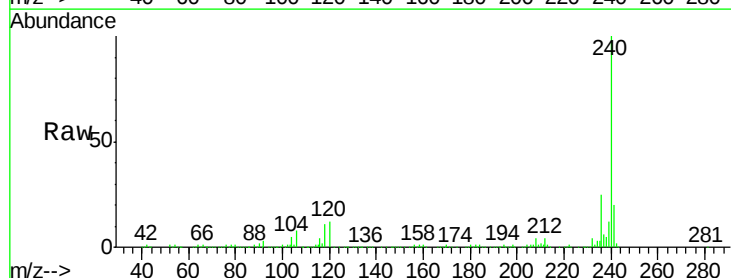


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

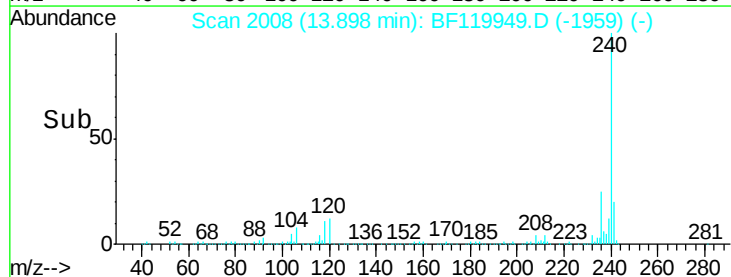
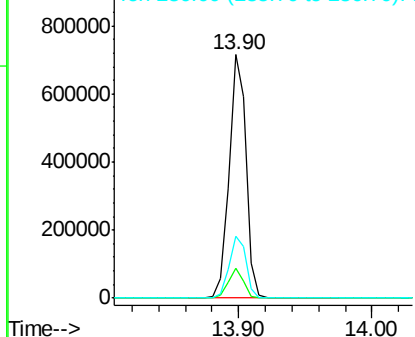


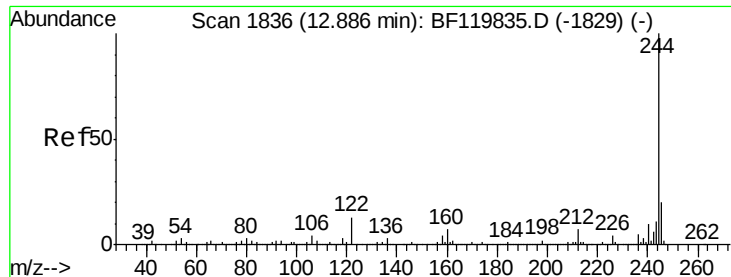
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119949.D
Acq: 14 Apr 2020 13:32

Tgt Ion:240 Resp: 640748
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.6
236 25.5 20.7 31.1



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: 81.521 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

Instrument :

BNA_F

ClientSampleId :

TP-31-30-COMP

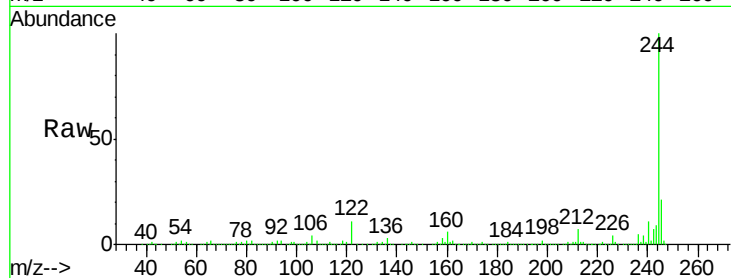
Tot Ion:244 Resp: 3104283

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

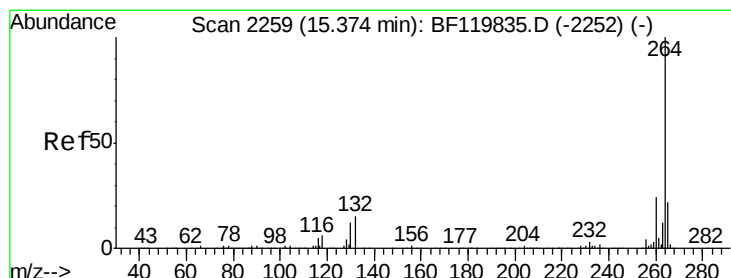
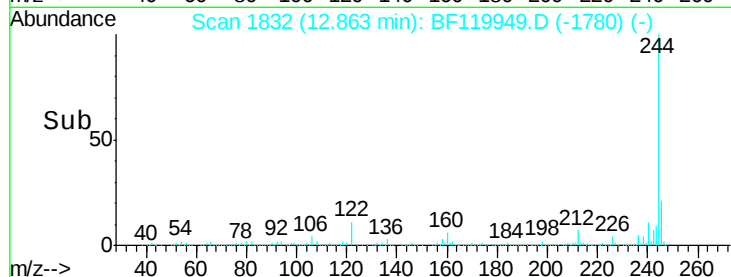
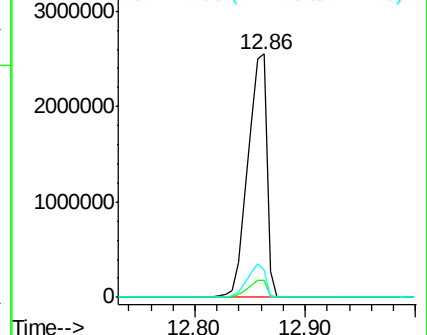
122 11.5 10.3 15.5



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: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119949.D

Acq: 14 Apr 2020 13:32

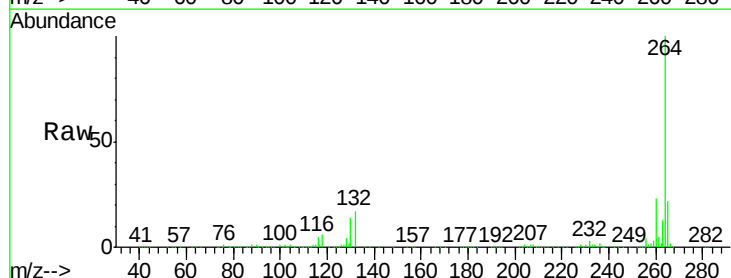
Tgt Ion:264 Resp: 495356

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.7 17.6 26.4



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

