

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119390.D
 Acq On : 12 Mar 2020 20:02
 Operator : CG/JU
 Sample : L1797-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-FEET

Quant Time: Mar 13 03:02:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

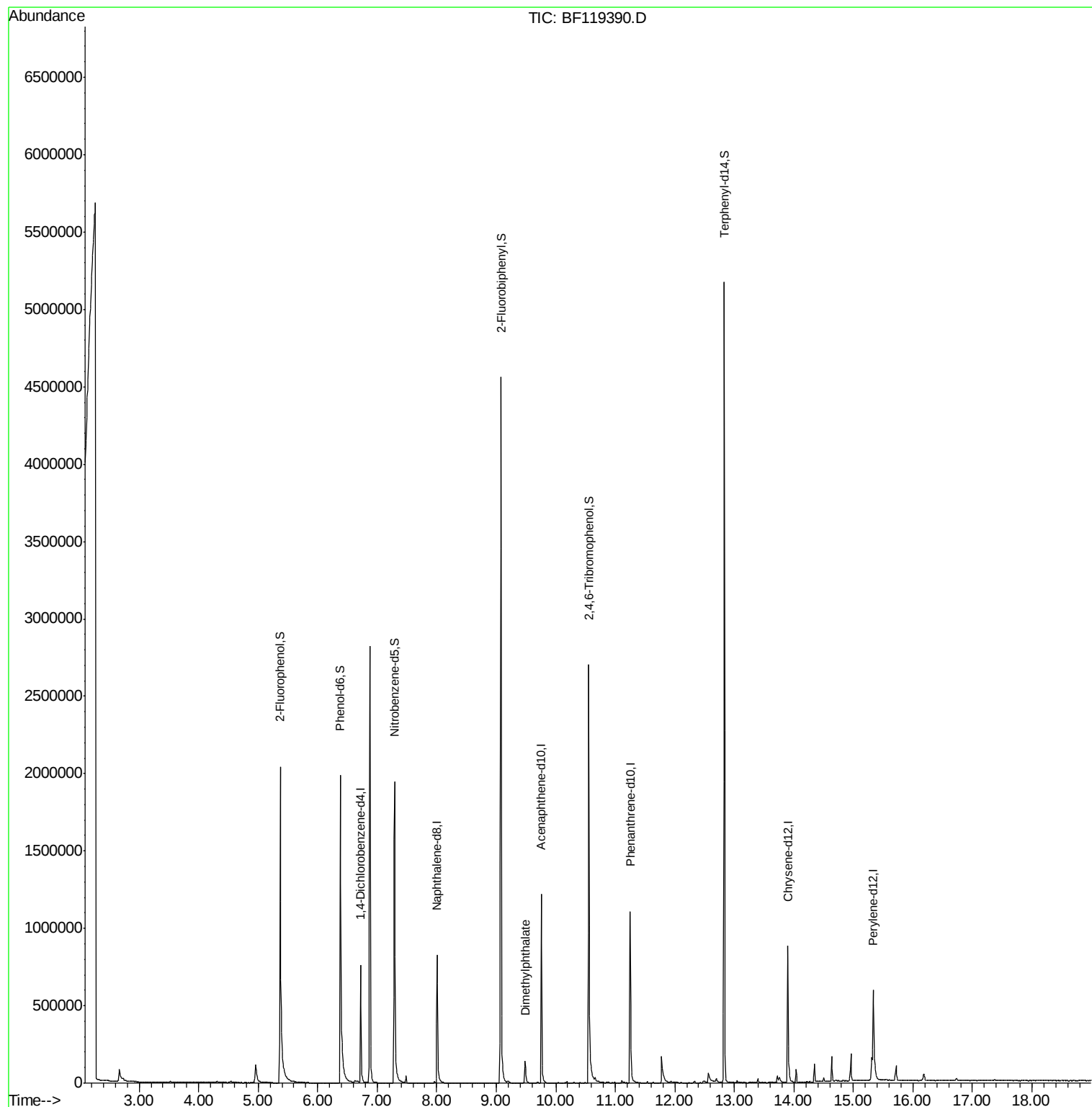
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123723	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	483692	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	276219	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	530738	20.00	ng	0.00
76) Chrysene-d12	13.90	240	370822	20.00	ng	0.01
87) Perylene-d12	15.33	264	384449	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	890756	120.32	ng	0.02
7) Phenol-d6	6.38	99	986976	109.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	785491	85.74	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	453448	125.49	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1554529	82.91	ng	0.00
79) Terphenyl-d14	12.83	244	1890760	87.79	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	84950	4.022	ng	Qvalue 99

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

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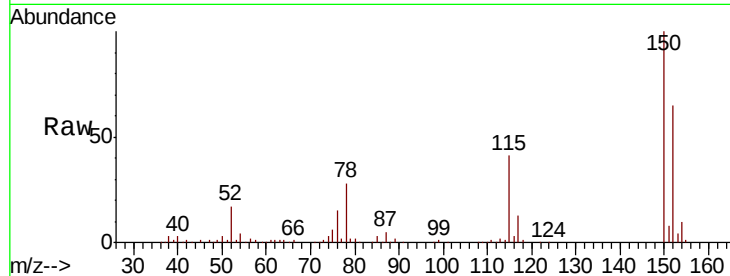


#1

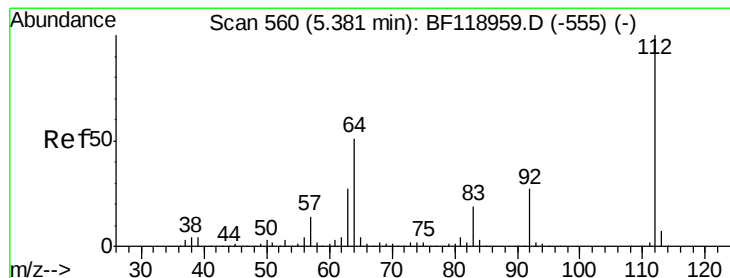
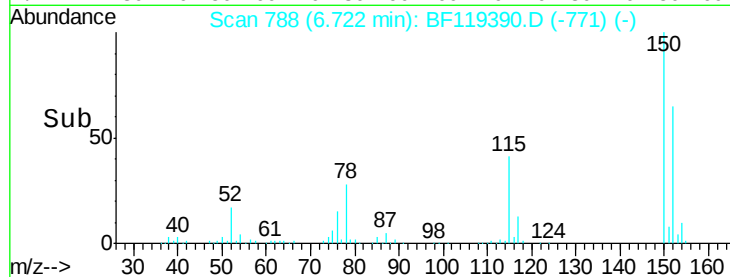
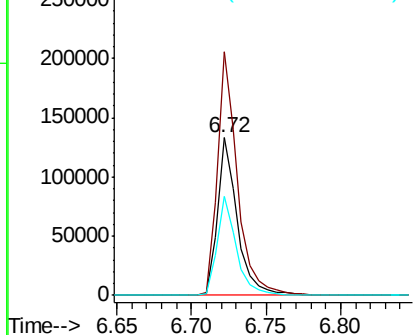
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

Instrument :
 BNA_F
 ClientSampleId :
 6-FEET

Tot Ion:152 Resp: 123723
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.0 184.6
 115 62.7 49.5 74.3



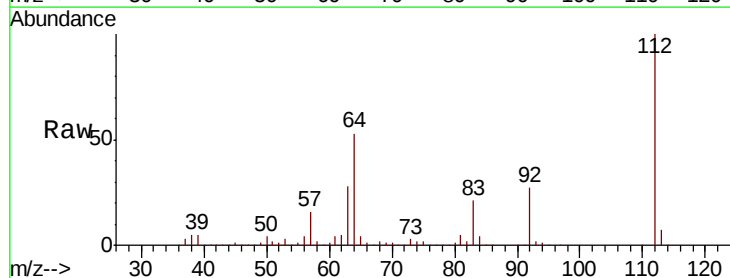
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



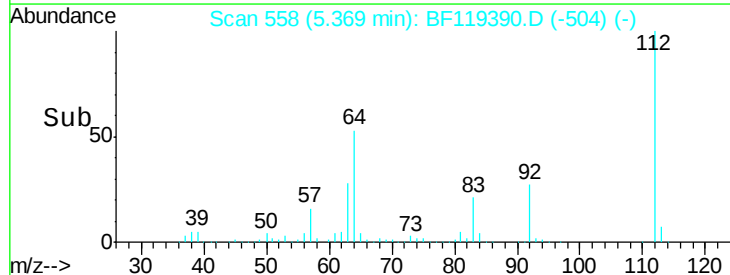
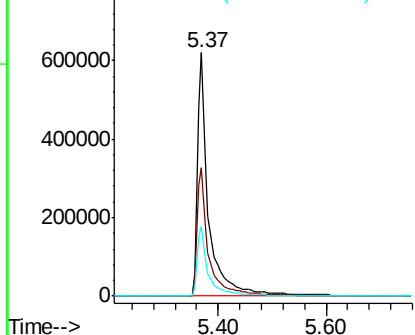
#5

2-Fluorophenol
 Concen: 120.318 ng
 RT: 5.37 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

Tgt Ion:112 Resp: 890756
 Ion Ratio Lower Upper
 112 100
 64 52.6 45.0 67.4
 63 28.4 24.2 36.4



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: 109.617 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119390.D

Acq: 12 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

6-FEET

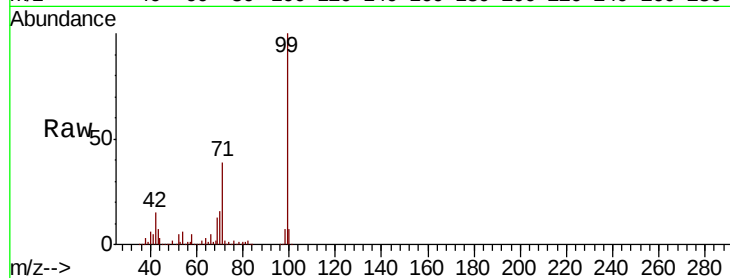
Tot Ion: 99 Resp: 986976

Ion Ratio Lower Upper

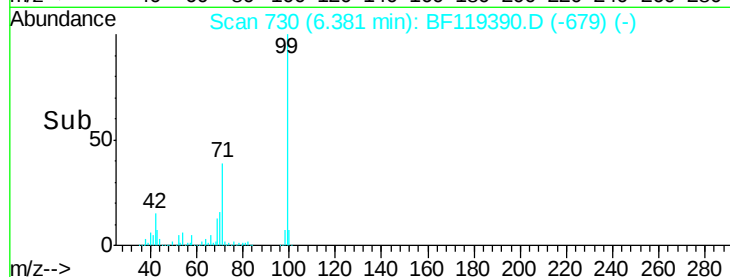
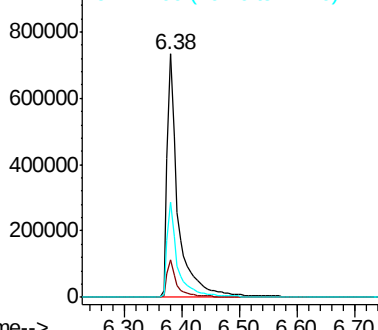
99 100

42 15.3 12.6 18.8

71 39.1 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119390.D

Acq: 12 Mar 2020 20:02

Tgt Ion: 136 Resp: 483692

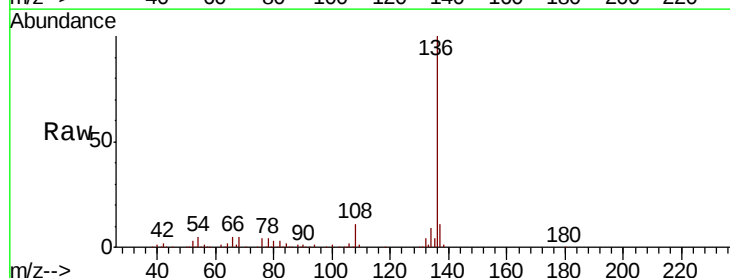
Ion Ratio Lower Upper

136 100

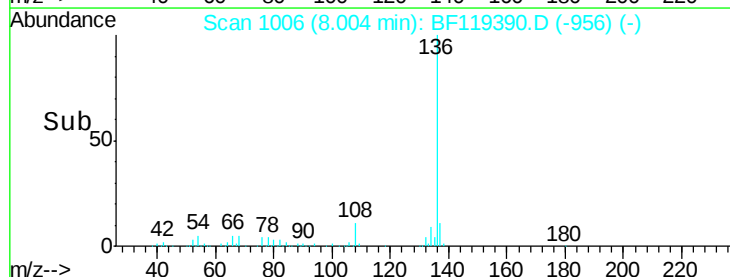
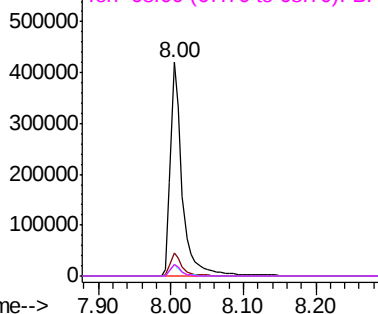
137 10.8 8.8 13.2

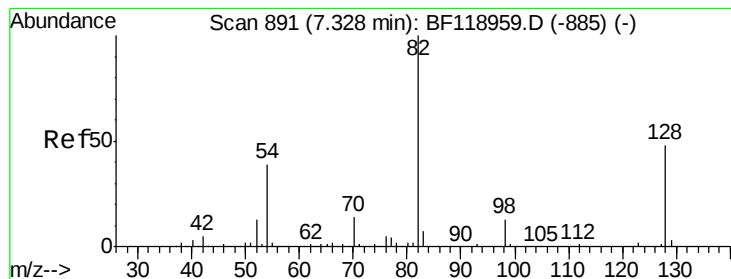
54 5.1 3.8 5.6

68 5.4 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: 85.745 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119390.D

Acq: 12 Mar 2020 20:02

Instrument :

BNA_F

ClientSampled :

6-FEET

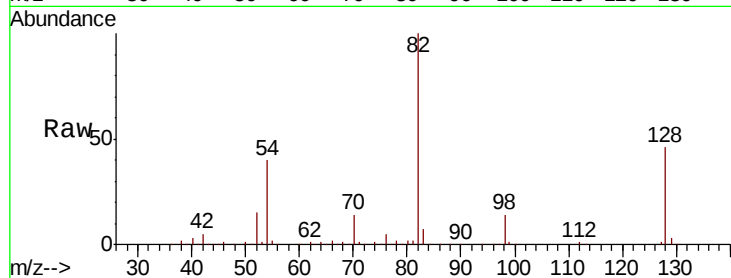
Tot Ion: 82 Resp: 785491

Ion Ratio Lower Upper

82 100

128 45.9 37.9 56.9

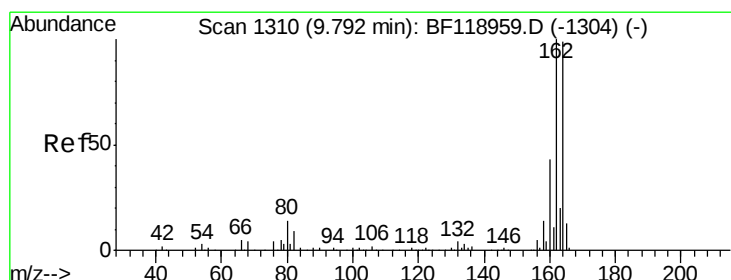
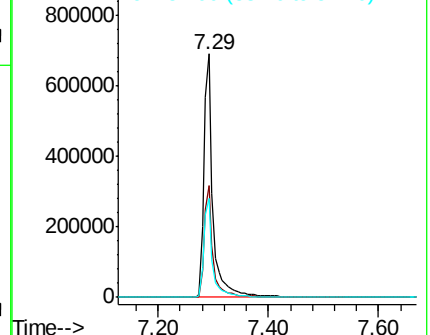
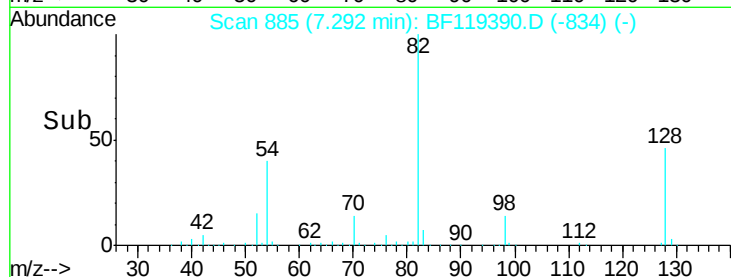
54 40.5 33.4 50.2



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119390.D

Acq: 12 Mar 2020 20:02

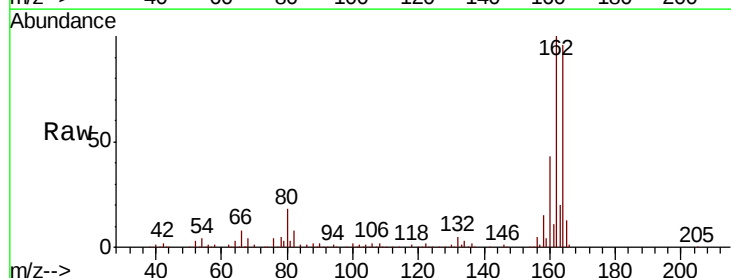
Tgt Ion:164 Resp: 276219

Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.8

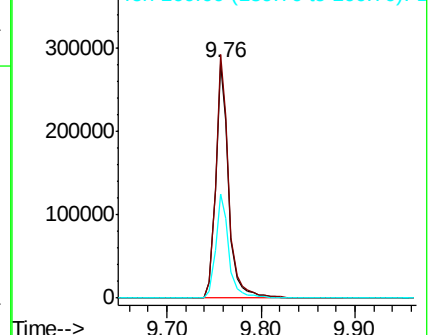
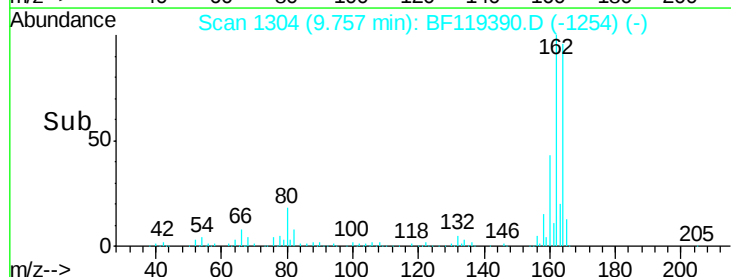
160 44.6 36.0 54.0



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

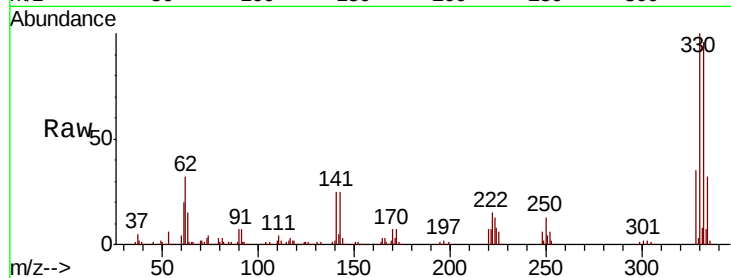




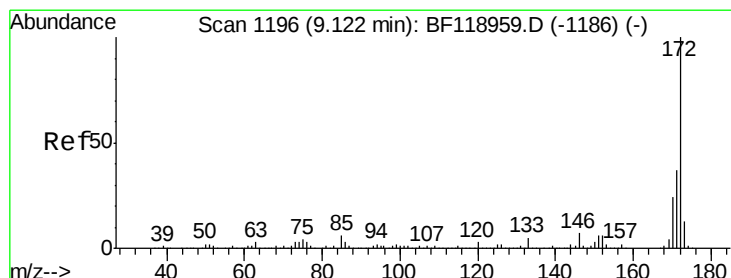
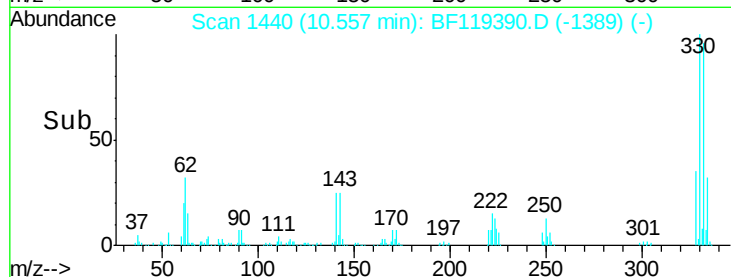
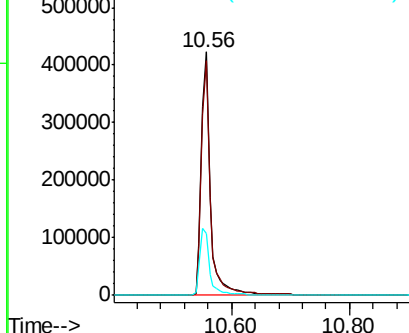
#42
 2,4,6-Tribromophenol
 Concen: 125.490 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

Instrument :
 BNA_F
 ClientSampled :
 6-FEET

Tot Ion:330 Resp: 453448
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.0 114.0
 141 30.5 22.9 34.3

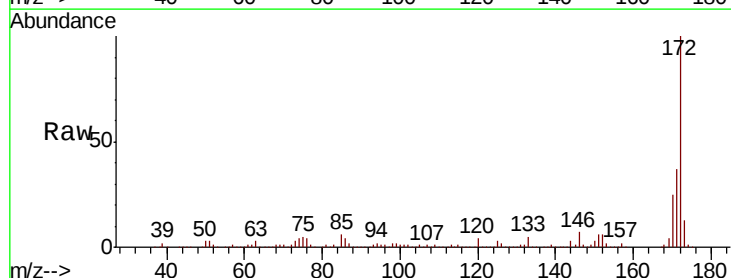


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

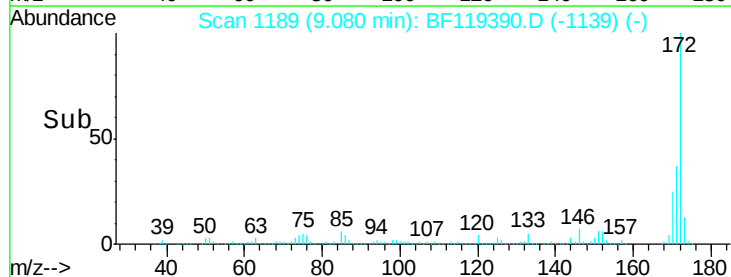
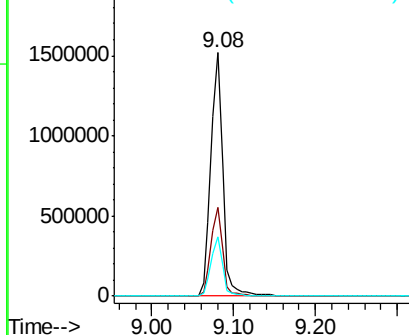


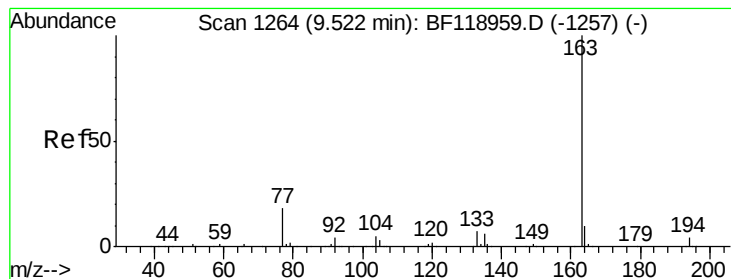
#45
 2-Fluorobiphenyl
 Concen: 82.908 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

Tgt Ion:172 Resp: 1554529
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 45.8
 170 24.6 20.2 30.2



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





#50

Dimethylphthalate

Concen: 4.022 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119390.D

Acq: 12 Mar 2020 20:02

Instrument :

BNA_F

ClientSampleId :

6-FEET

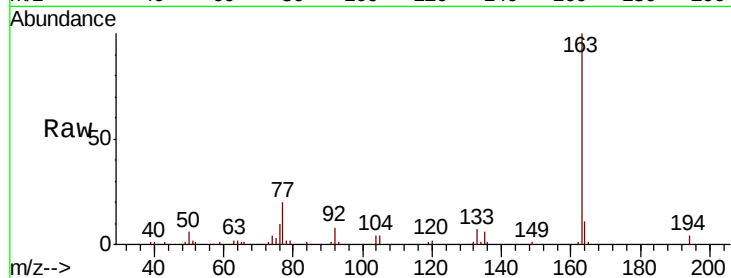
Tot Ion:163 Resp: 84950

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

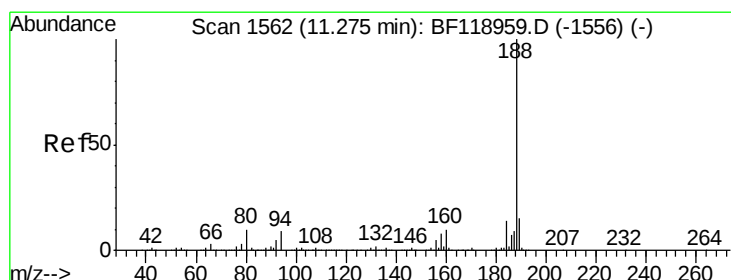
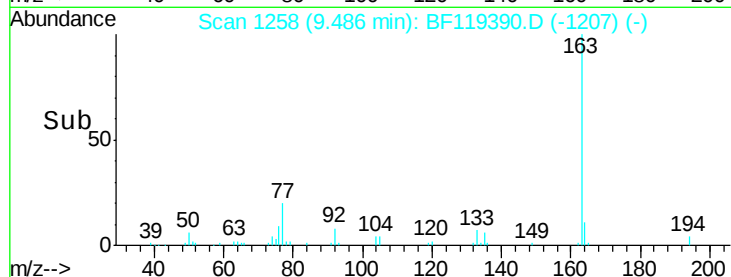
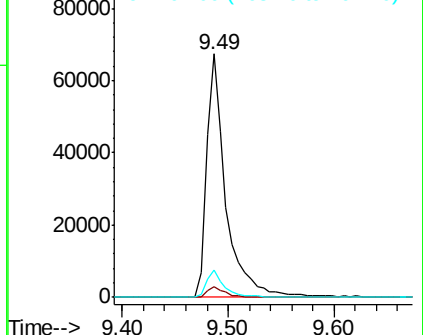
164 11.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF119390.D

Acq: 12 Mar 2020 20:02

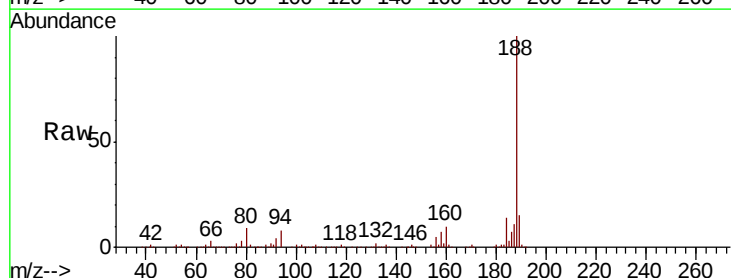
Tgt Ion:188 Resp: 530738

Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

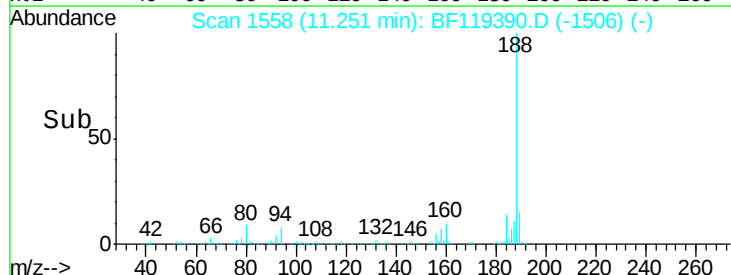
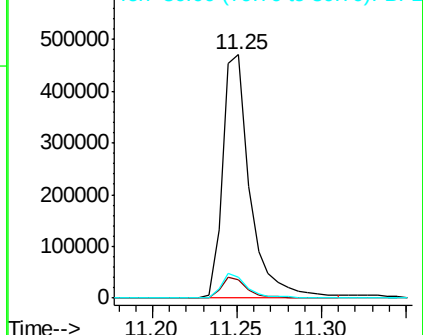
80 8.6 7.8 11.8



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

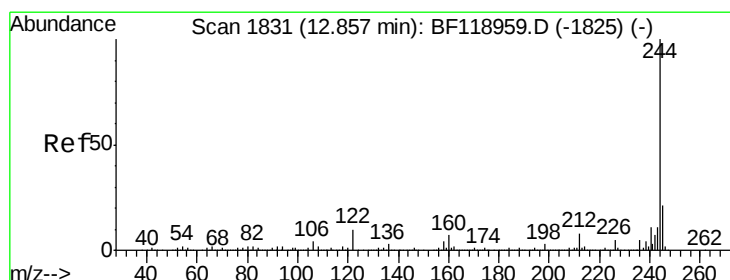
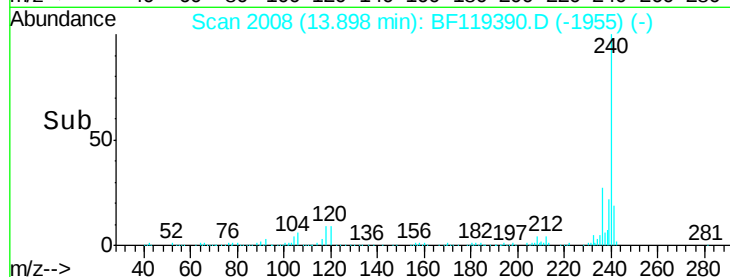
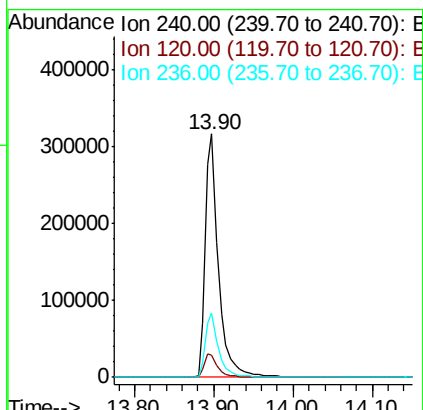
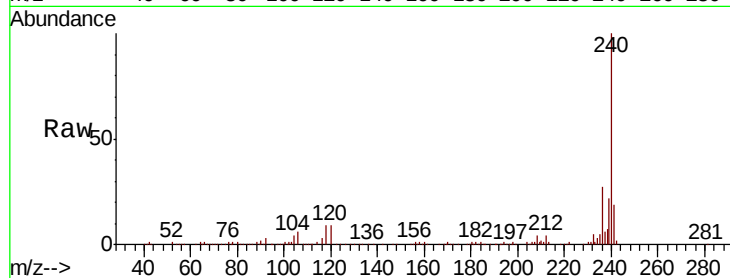




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

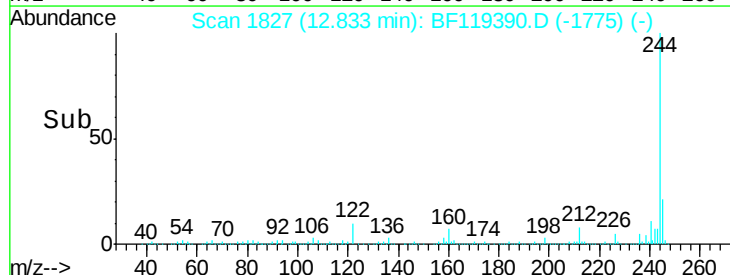
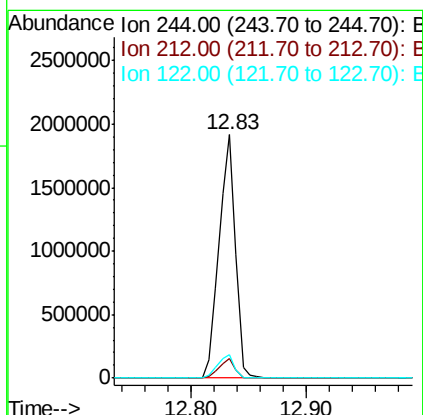
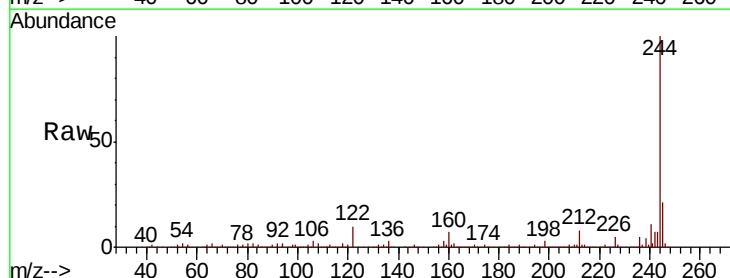
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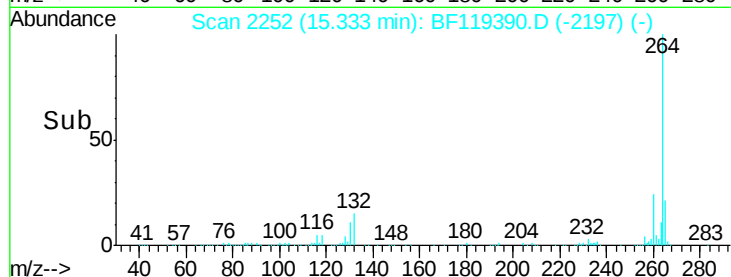
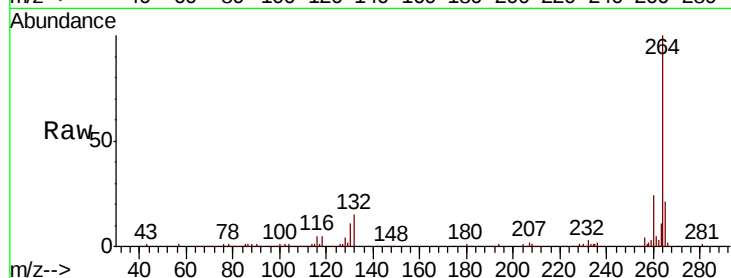
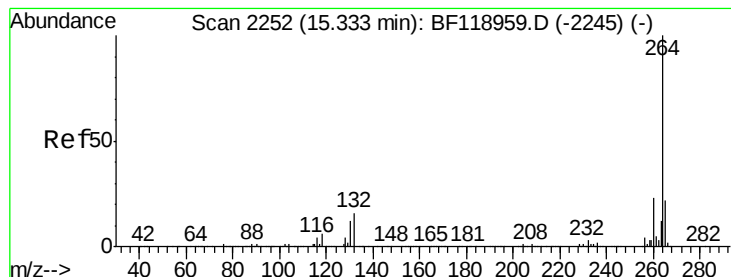
Tot Ion:240 Resp: 370822
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.4 12.6
 236 26.5 21.0 31.4



#79
 Terphenyl-d14
 Concen: 87.785 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119390.D
 Acq: 12 Mar 2020 20:02

Tgt Ion:244 Resp: 1890760
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 10.0
 122 9.8 8.2 12.2





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119390.D
Acq: 12 Mar 2020 20:02

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.1	17.7	26.5

