

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119386.D
 Acq On : 12 Mar 2020 18:05
 Operator : CG/JU
 Sample : PB127488TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127488TB

Quant Time: Mar 13 02:40:23 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	120266	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	462217	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	265667	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	534218	20.00	ng	0.00
76) Chrysene-d12	13.90	240	409968	20.00	ng	0.01
87) Perylene-d12	15.33	264	361740	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	807861	112.26	ng	0.00
7) Phenol-d6	6.37	99	983065	112.32	ng	0.00
23) Nitrobenzene-d5	7.29	82	645674	73.76	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	357692	102.92	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1303689	72.29	ng	0.00
79) Terphenyl-d14	12.83	244	1759525	73.89	ng	0.00

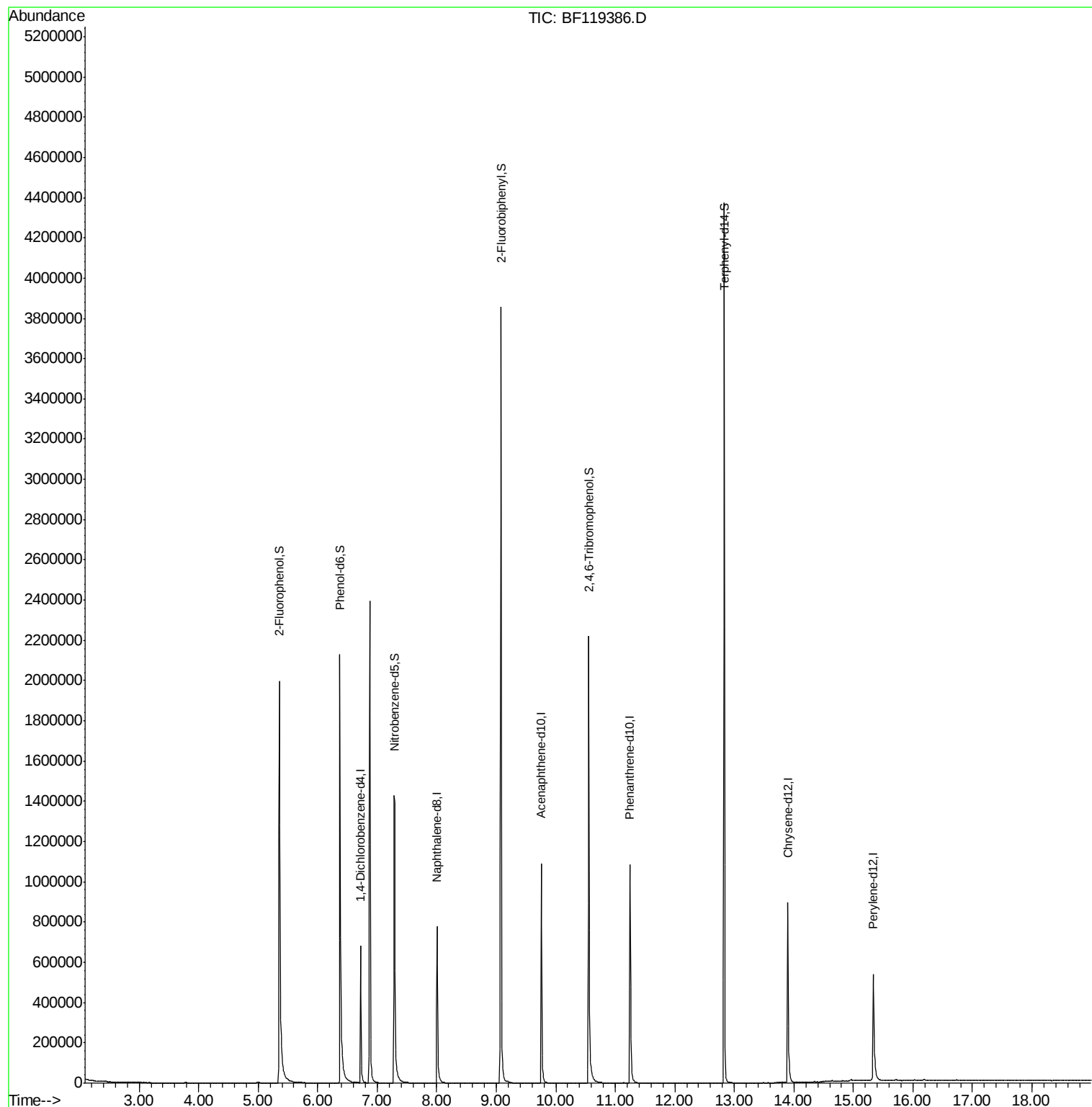
Target Compounds Qvalue

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

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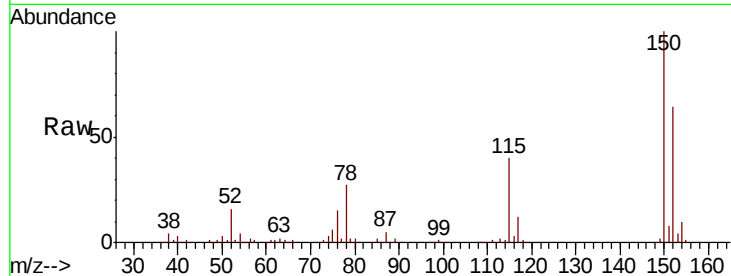


#1

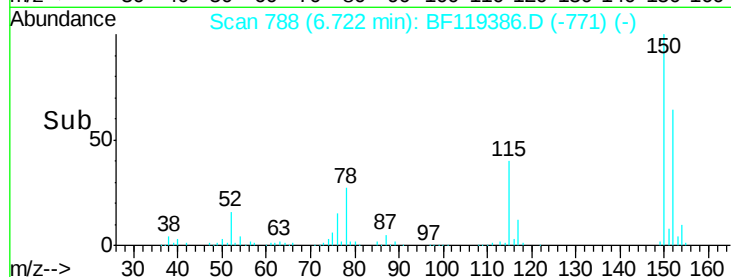
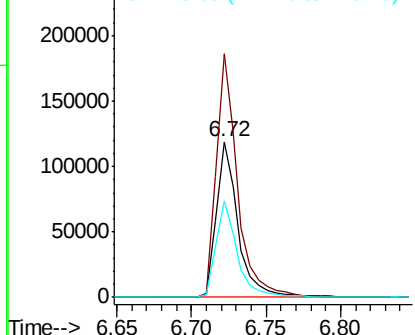
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127488TB

Tot Ion:152 Resp: 120266
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.0 184.6
 115 62.0 49.5 74.3



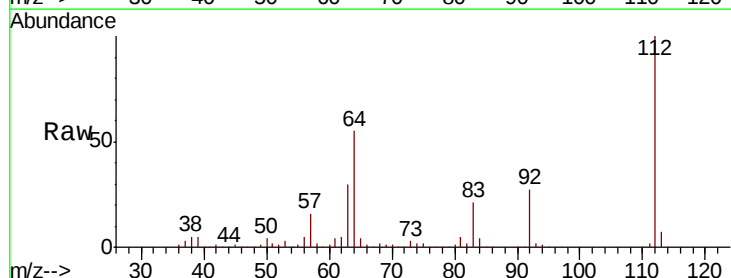
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



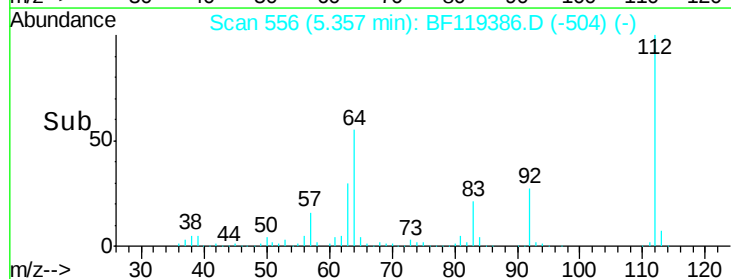
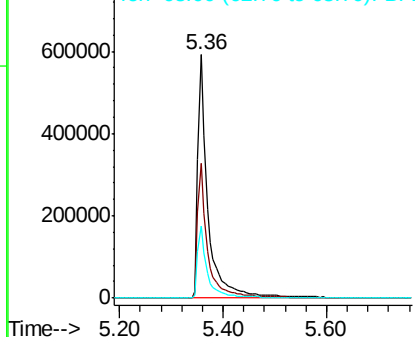
#5

2-Fluorophenol
 Concen: 112.258 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

Tgt Ion:112 Resp: 807861
 Ion Ratio Lower Upper
 112 100
 64 55.2 45.0 67.4
 63 29.6 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: 112.321 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

Instrument :

BNA_F

ClientSampleId :

PB127488TB

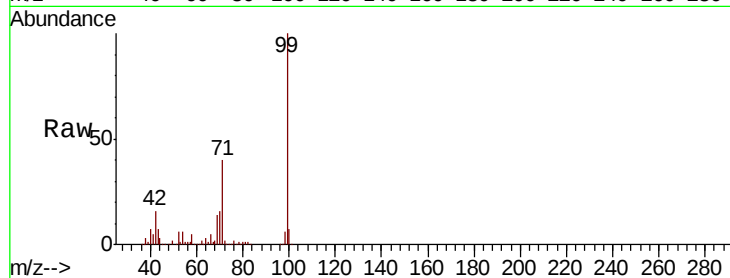
Tot Ion: 99 Resp: 983065

Ion Ratio Lower Upper

99 100

42 15.5 12.6 18.8

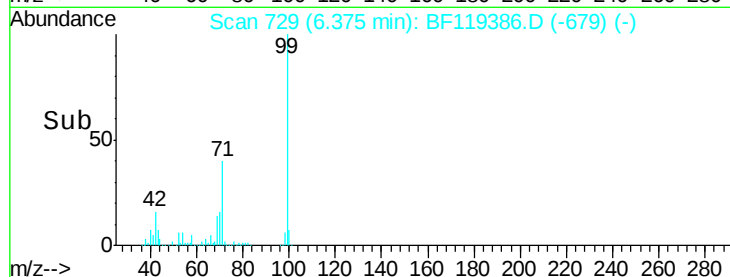
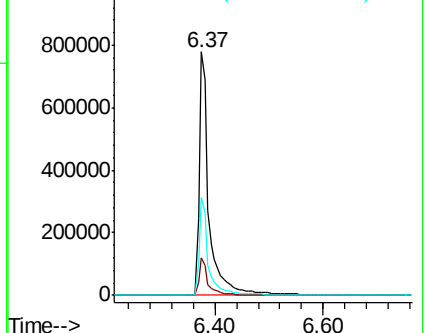
71 40.1 31.0 46.4



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: BF119386.D

Acq: 12 Mar 2020 18:05

Tgt Ion: 136 Resp: 462217

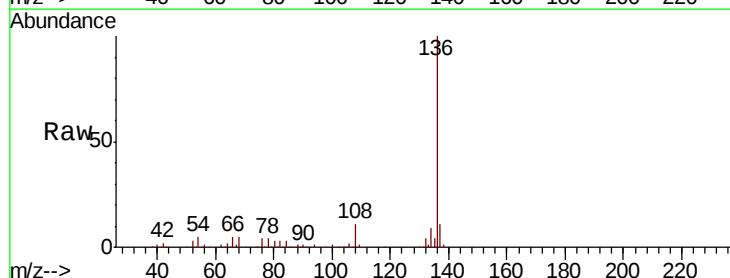
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 5.3 3.8 5.6

68 5.4 3.9 5.9

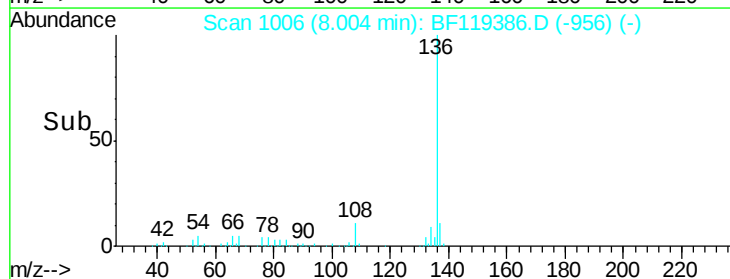
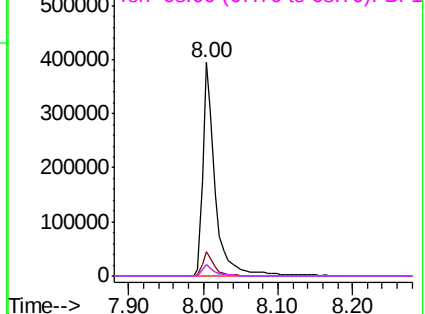


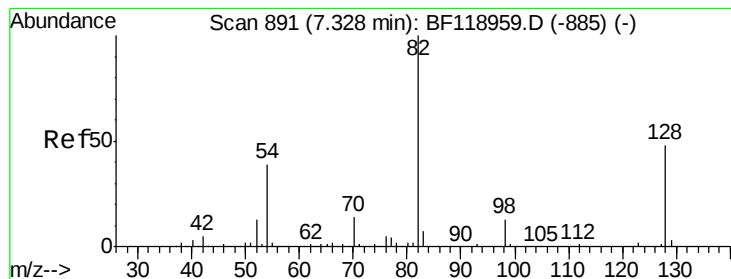
Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.757 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

Instrument :

BNA_F

ClientSampleId :

PB127488TB

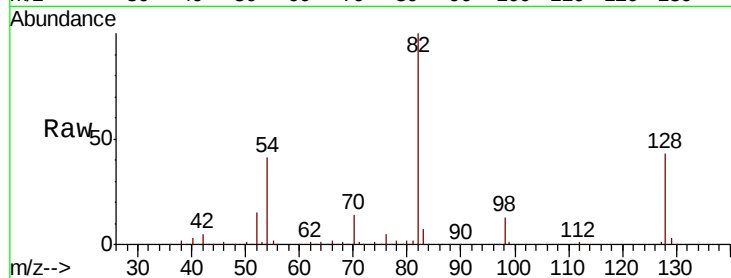
Tot Ion: 82 Resp: 645674

Ion Ratio Lower Upper

82 100

128 43.3 37.9 56.9

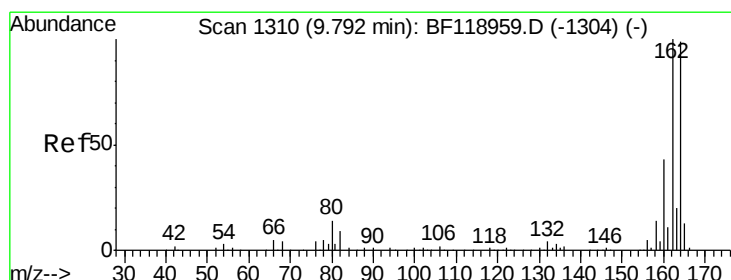
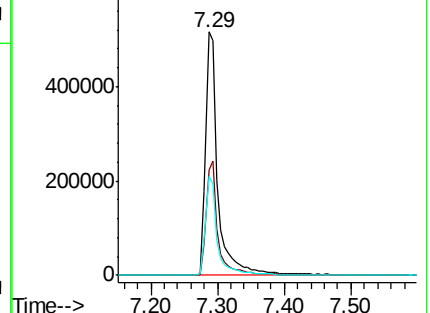
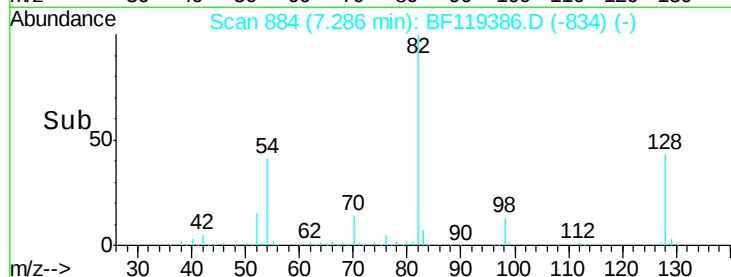
54 40.8 33.4 50.2



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: BF119386.D

Acq: 12 Mar 2020 18:05

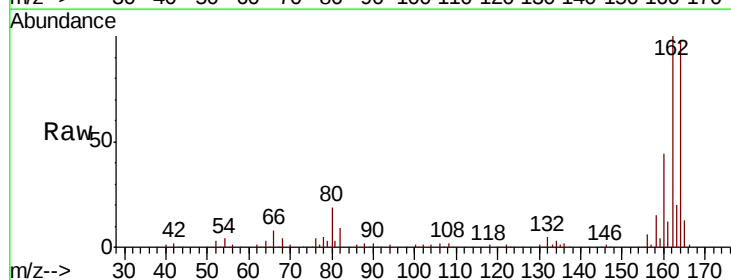
Tgt Ion: 164 Resp: 265667

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

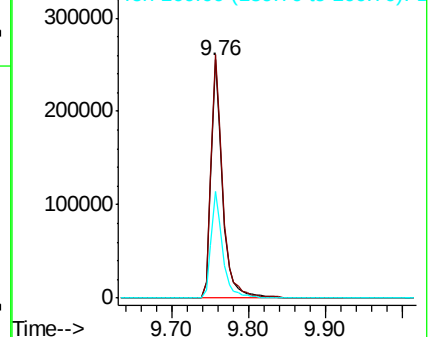
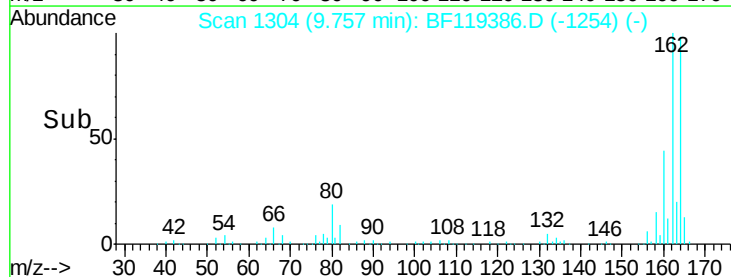
160 44.7 36.0 54.0



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

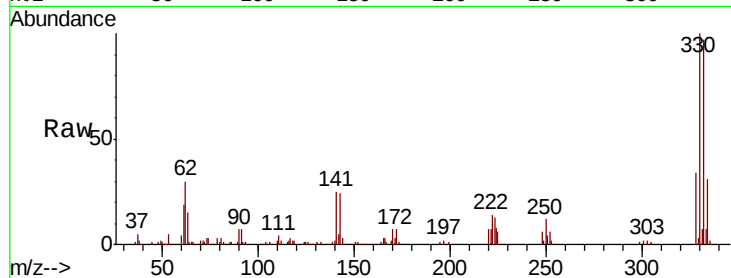




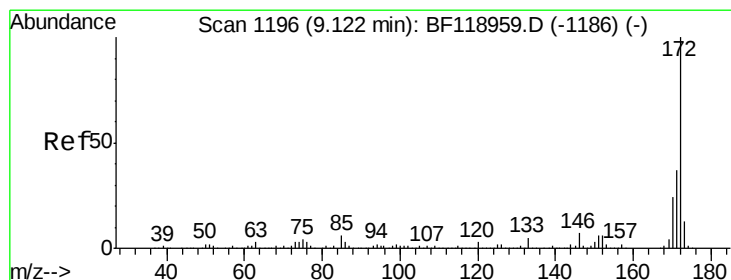
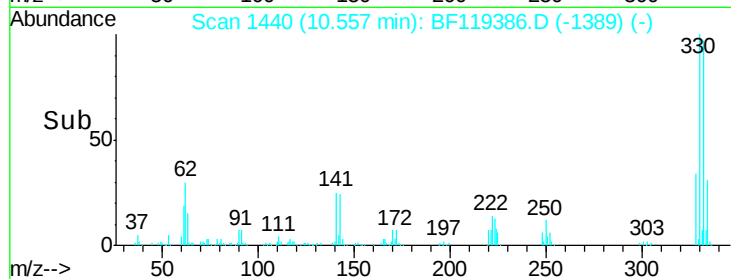
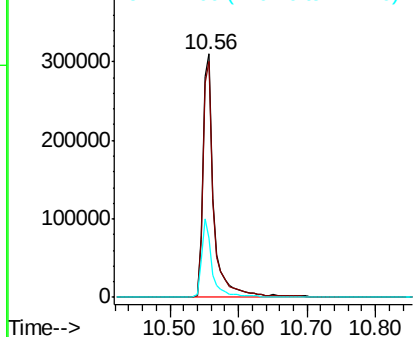
#42
 2,4,6-Tribromophenol
 Concen: 102.922 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB127488TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	31.5	22.9	34.3

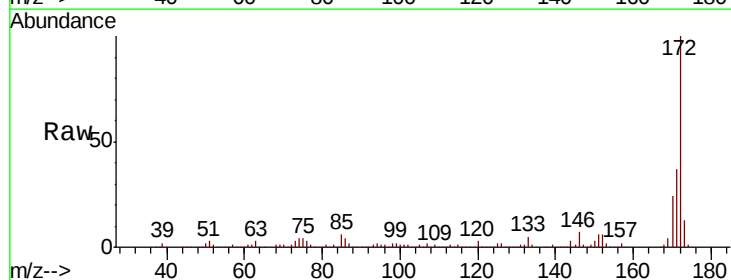


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

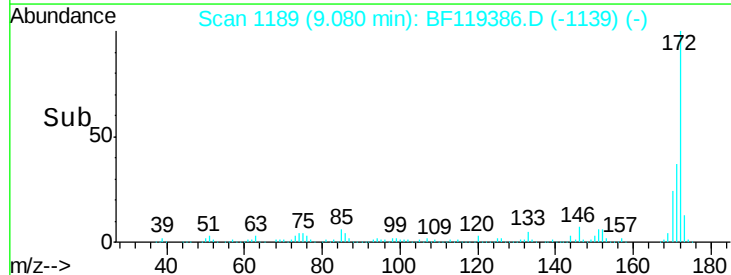
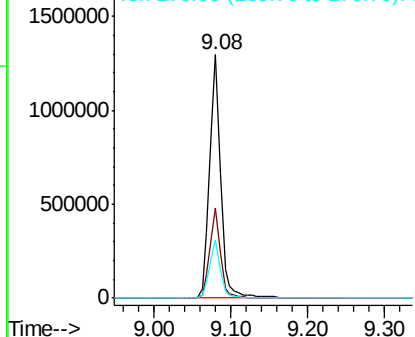


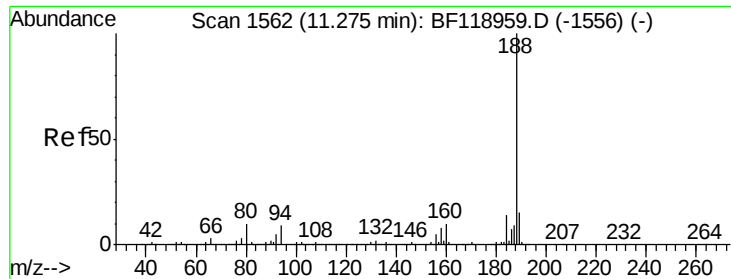
#45
 2-Fluorobiphenyl
 Concen: 72.292 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119386.D
 Acq: 12 Mar 2020 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	23.9	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

Instrument :

BNA_F

ClientSampleId :

PB127488TB

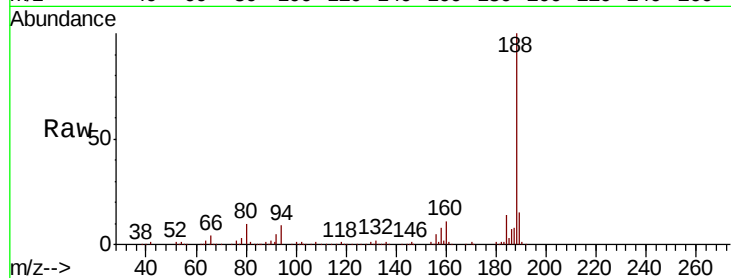
Tot Ion:188 Resp: 534218

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.0 7.8 11.8

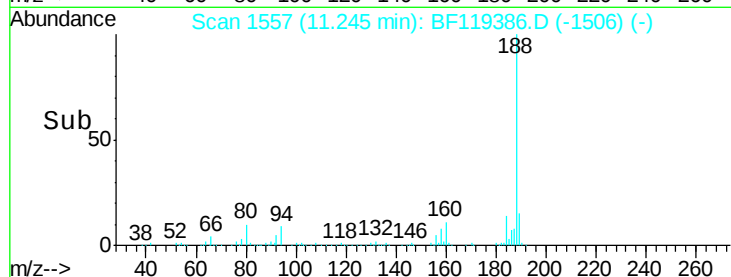


Abundance Ion 188.00 (187.70 to 188.70): E

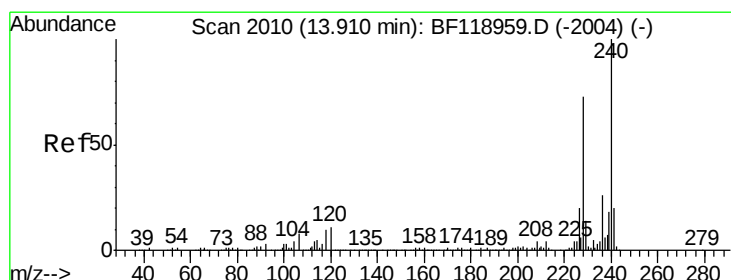
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

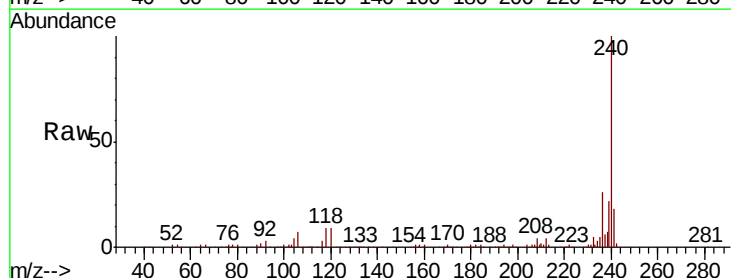
Tgt Ion:240 Resp: 409968

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

236 26.4 21.0 31.4

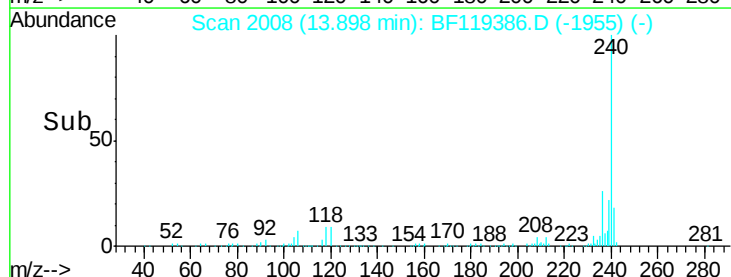


Abundance Ion 240.00 (239.70 to 240.70): E

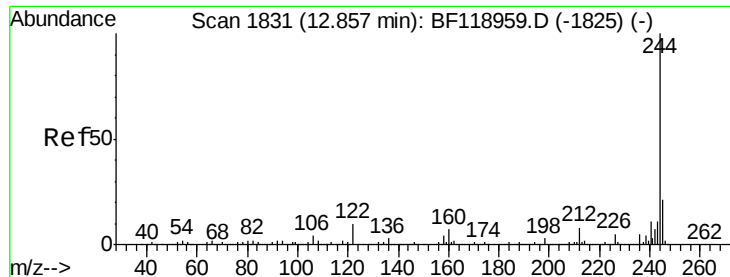
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#79

Terphenyl-d14

Concen: 73.892 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

Instrument :

BNA_F

ClientSampleId :

PB127488TB

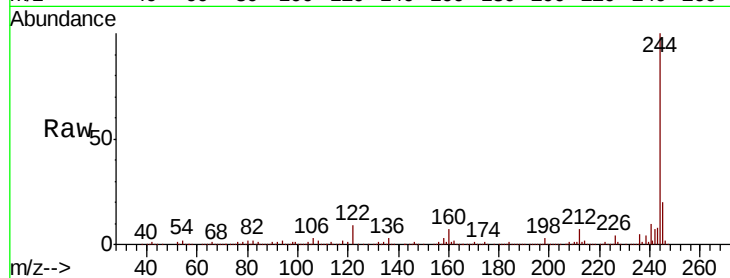
Tot Ion:244 Resp: 1759525

Ion Ratio Lower Upper

244 100

212 7.3 6.6 10.0

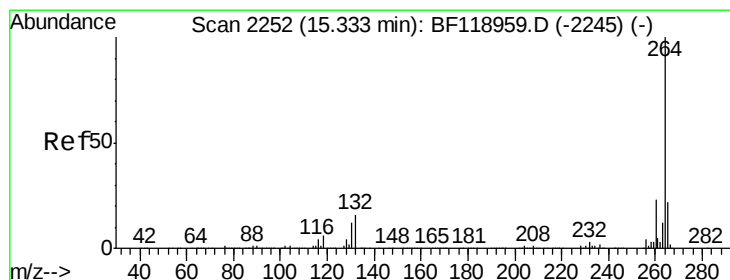
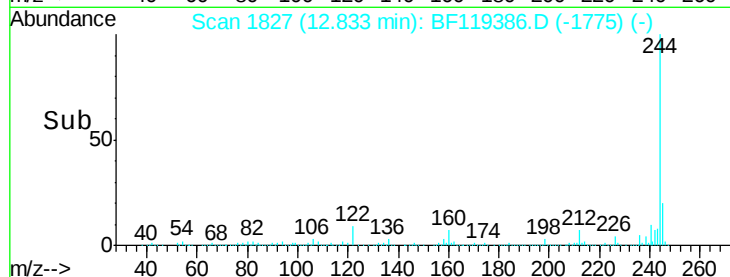
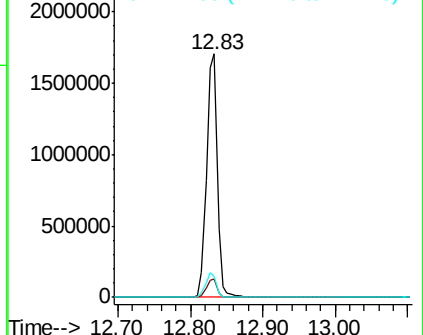
122 8.7 8.2 12.2



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# 2252

Delta R.T. 0.02 min

Lab File: BF119386.D

Acq: 12 Mar 2020 18:05

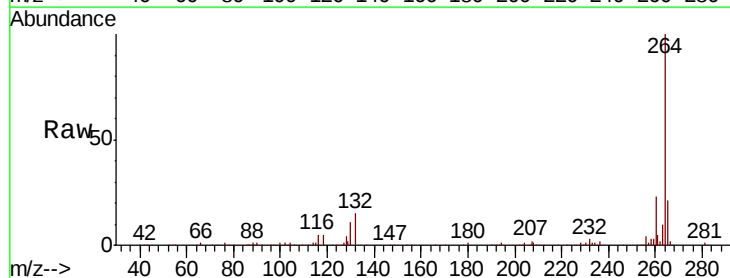
Tgt Ion:264 Resp: 361740

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.0 17.7 26.5



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

