

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121657.D
 Acq On : 22 Sep 2020 23:58
 Operator : JU/CG
 Sample : L4104-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17

Quant Time: Sep 23 01:47:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	147731	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	572087	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	307840	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	595846	20.00	ng	0.00
76) Chrysene-d12	13.97	240	494957	20.00	ng	-0.01
86) Perylene-d12	15.42	264	367179	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1071910	107.83	ng	0.02
7) Phenol-d6	6.45	99	1271557	97.50	ng	0.00
23) Nitrobenzene-d5	7.37	82	1061182	99.59	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	557958	145.83	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1855843	91.30	ng	0.00
79) Terphenyl-d14	12.93	244	2196806	89.92	ng	0.00

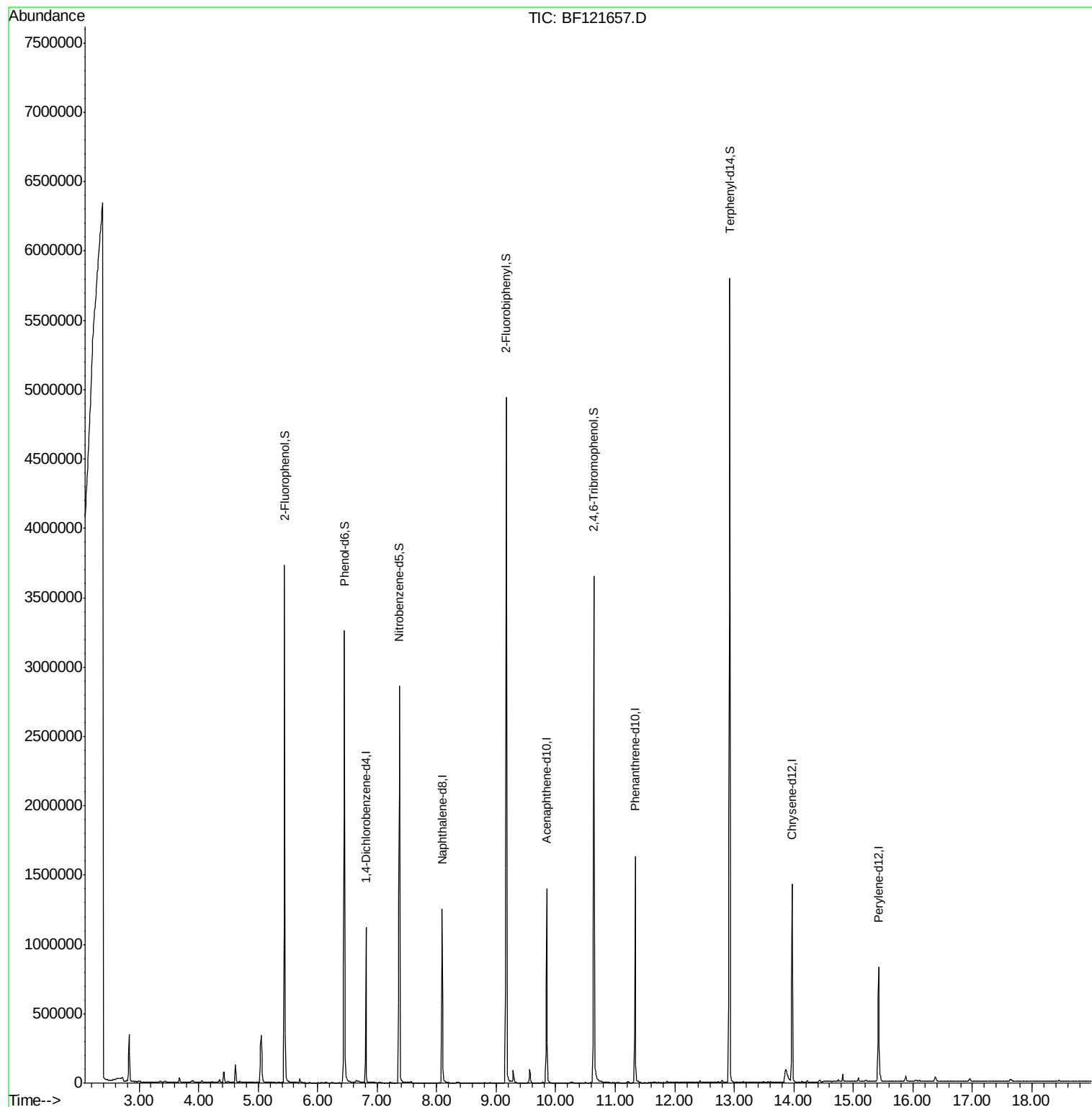
Target Compounds	Qvalue
------------------	--------

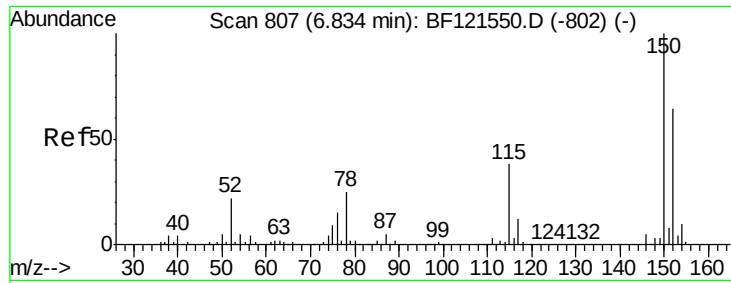
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
Data File : BF121657.D
Acq On : 22 Sep 2020 23:58
Operator : JU/CG
Sample : L4104-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Quant Time: Sep 23 01:47:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration



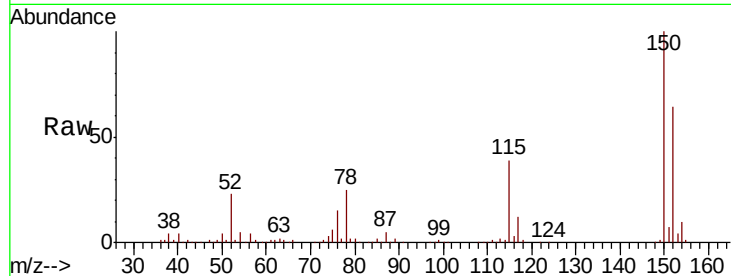


#1

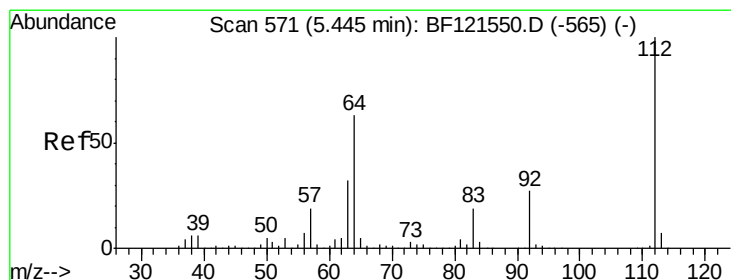
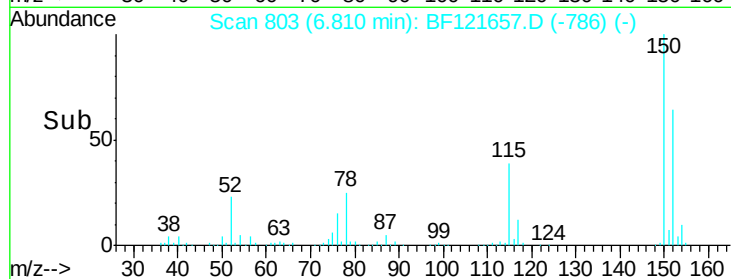
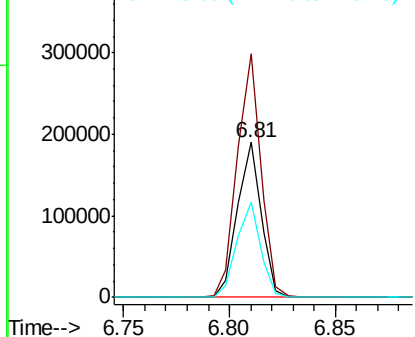
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121657.D
Acq: 22 Sep 2020 23:58

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17

Tot Ion:152 Resp: 147731
Ion Ratio Lower Upper
152 100
150 157.0 128.1 192.1
115 61.3 52.6 79.0



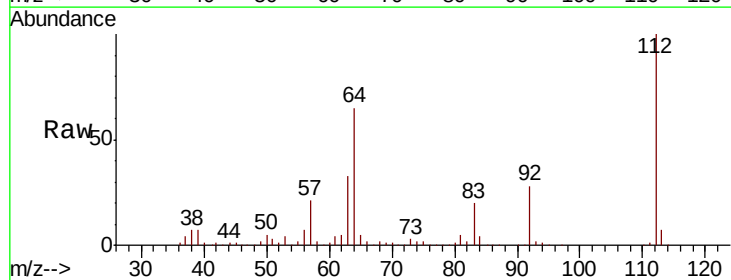
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



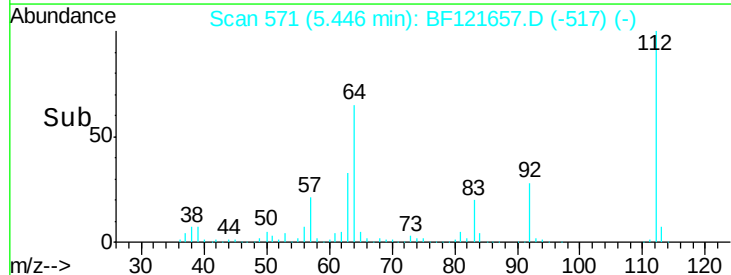
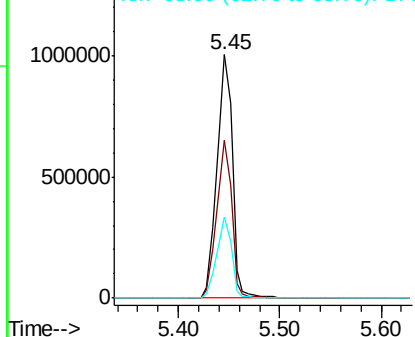
#5

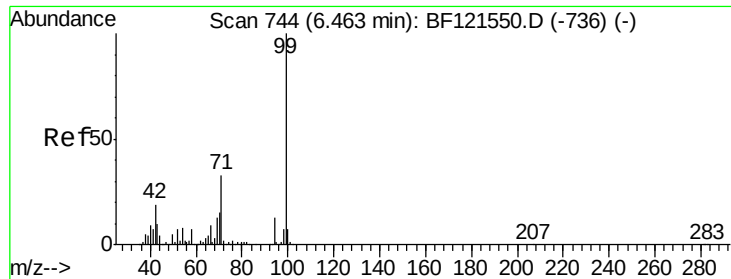
2-Fluorophenol
Concen: 107.831 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF121657.D
Acq: 22 Sep 2020 23:58

Tgt Ion:112 Resp: 1071910
Ion Ratio Lower Upper
112 100
64 64.8 52.2 78.2
63 33.3 26.6 39.8



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: 97.500 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121657.D

Acq: 22 Sep 2020 23:58

Instrument :

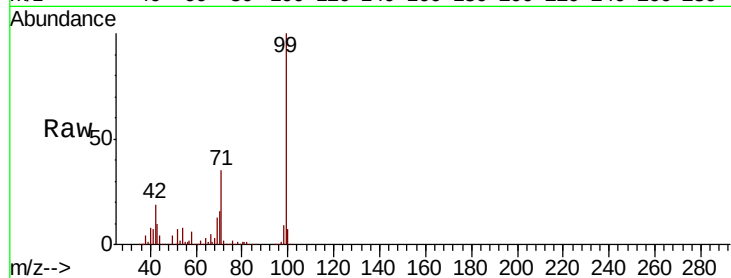
BNA_F

ClientSampleId :

PAV-B29-092120-10-17

Tot Ion: 99 Resp: 1271557

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.5	23.3
71	34.9	27.4	41.2

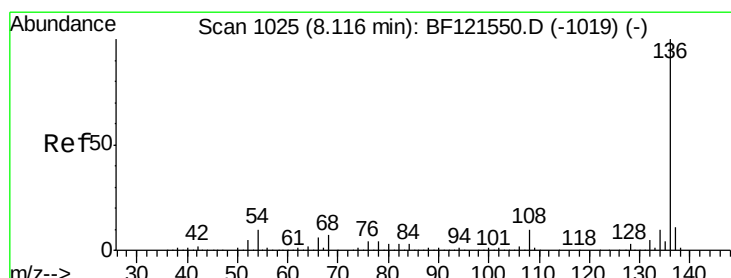
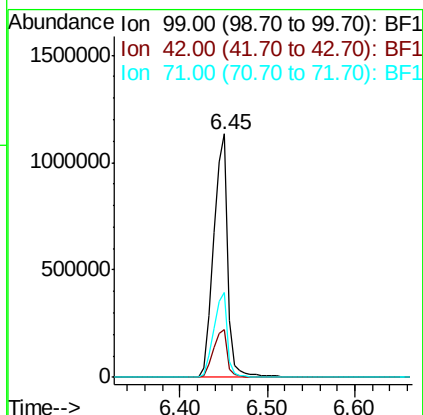
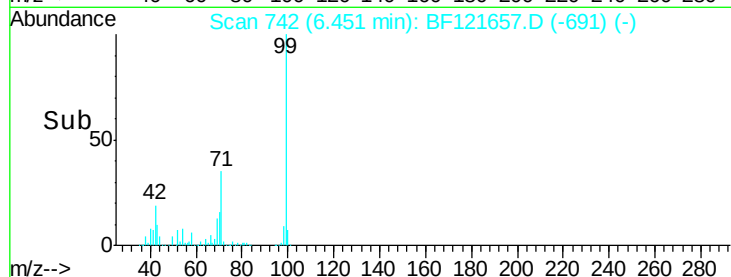


Abundance

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: 8.09 min Scan# 1021

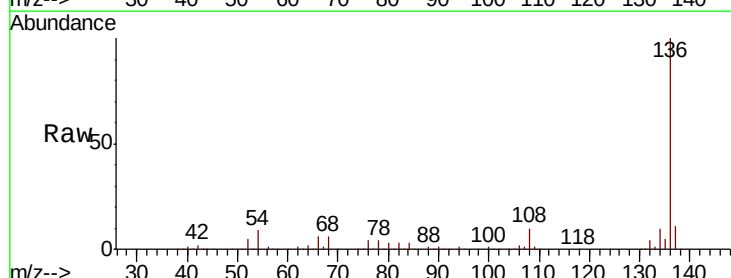
Delta R.T. -0.01 min

Lab File: BF121657.D

Acq: 22 Sep 2020 23:58

Tgt Ion: 136 Resp: 572087

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	7.4	11.0
68	6.1	5.3	7.9



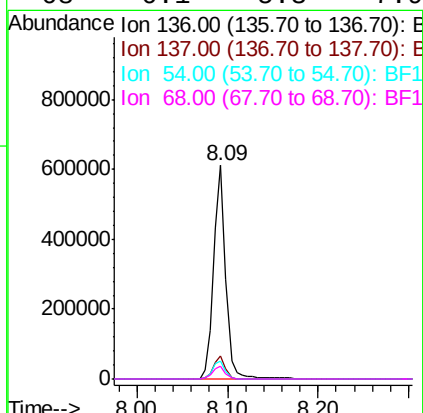
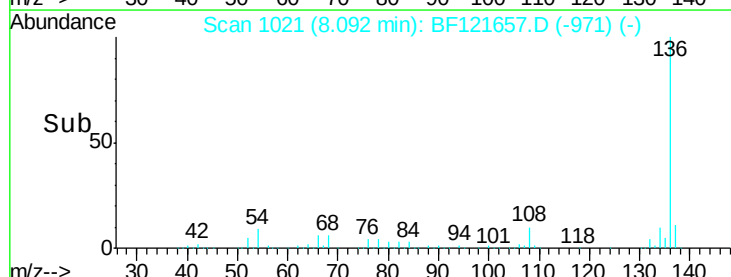
Abundance

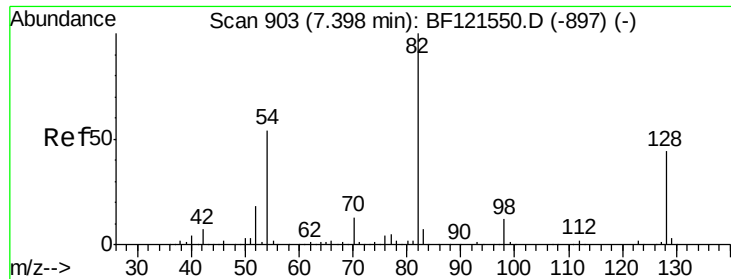
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



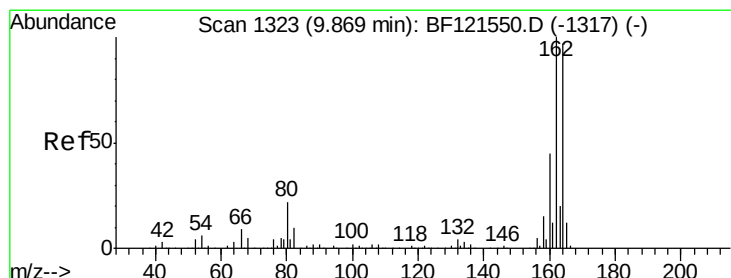
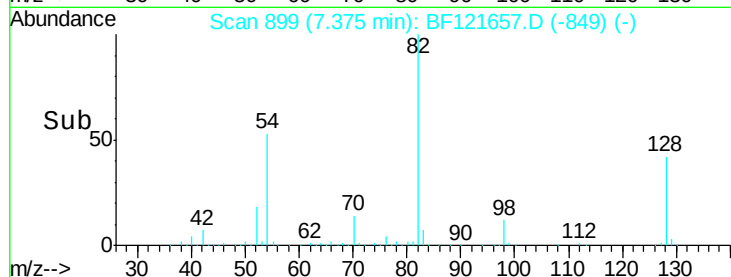
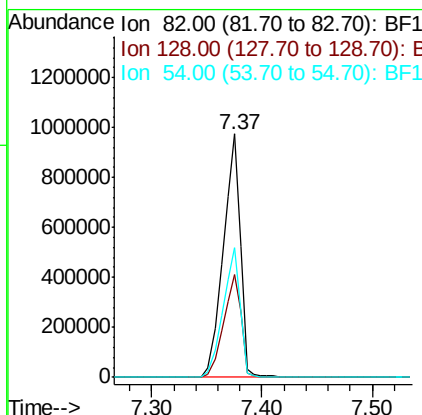
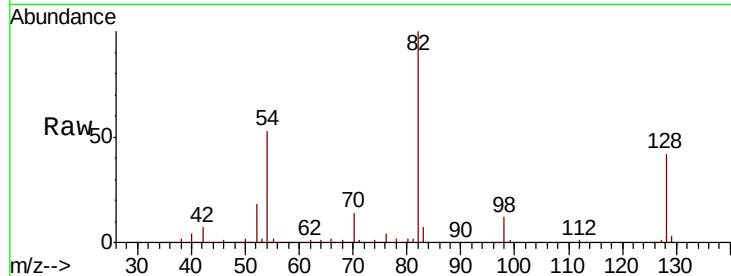


#23
 Nitrobenzene-d5
 Concen: 99.595 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17

Tot Ion: 82 Resp: 1061182

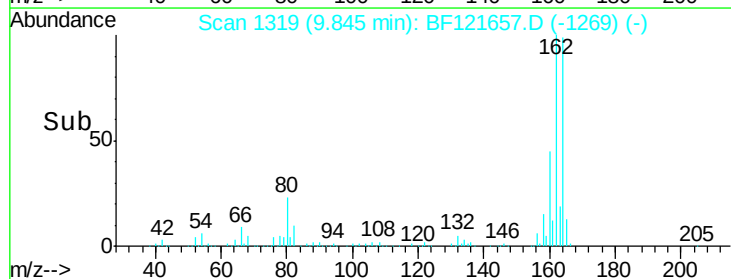
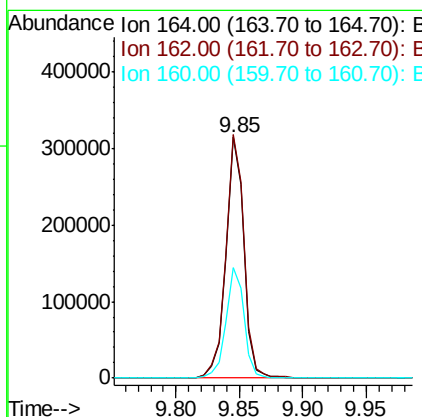
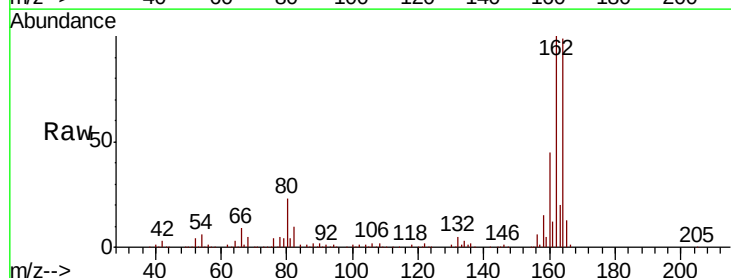
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.9	50.9
54	53.3	42.9	64.3

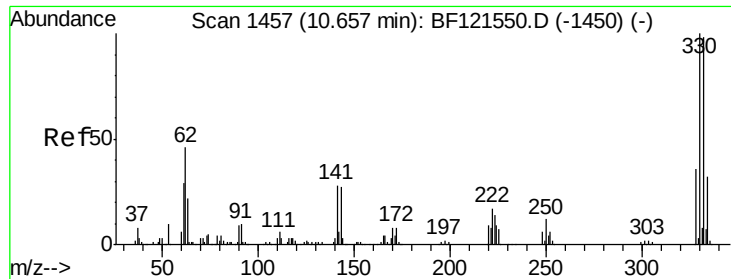


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

Tgt Ion: 164 Resp: 307840

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.2	121.8
160	45.8	36.2	54.4

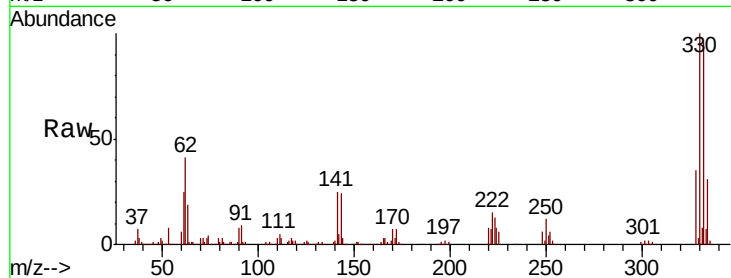




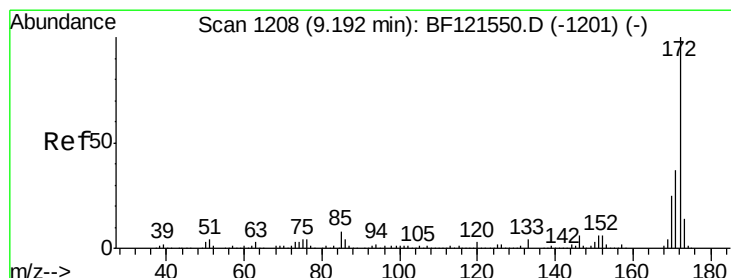
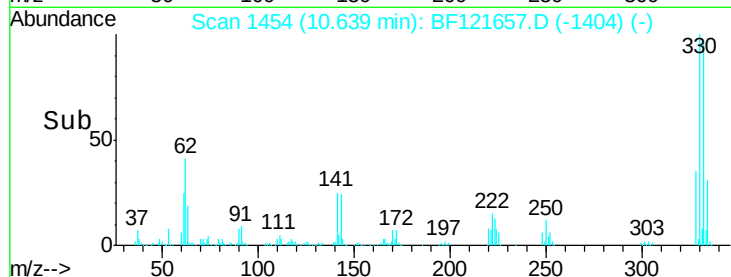
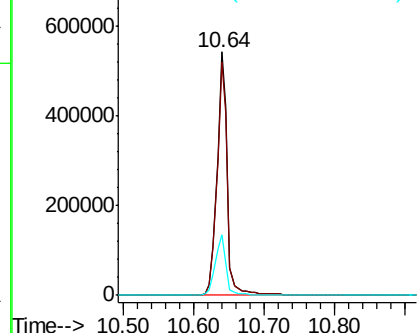
#42
 2,4,6-Tribromophenol
 Concen: 145.832 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	26.4	22.4	33.6

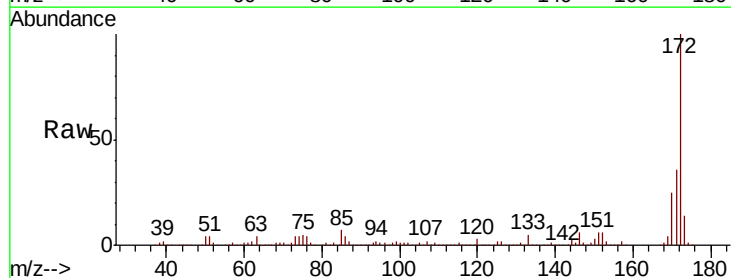


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

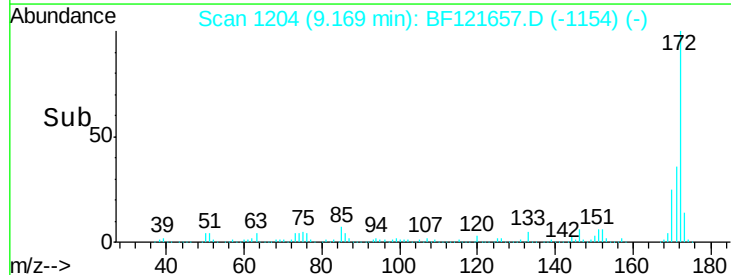
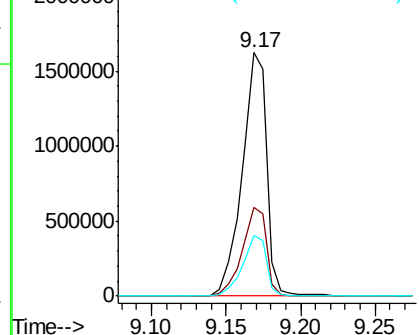


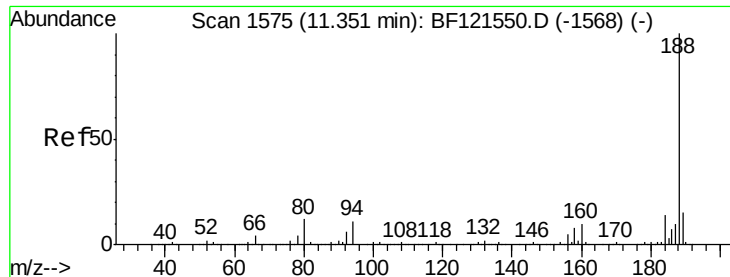
#45
 2-Fluorobiphenyl
 Concen: 91.305 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121657.D
 Acq: 22 Sep 2020 23:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.7	19.5	29.3



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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF121657.D

Acq: 22 Sep 2020 23:58

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17

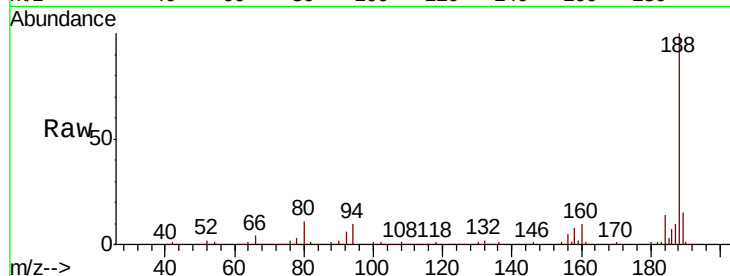
Tot Ion:188 Resp: 595846

Ion Ratio Lower Upper

188 100

94 10.3 8.4 12.6

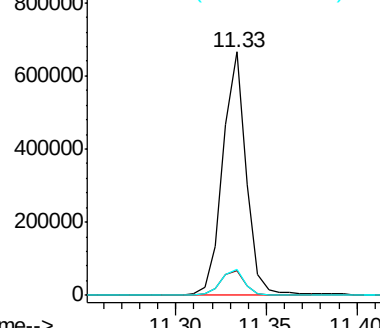
80 10.7 9.0 13.4



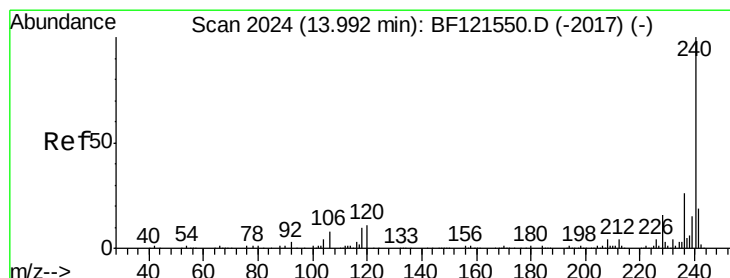
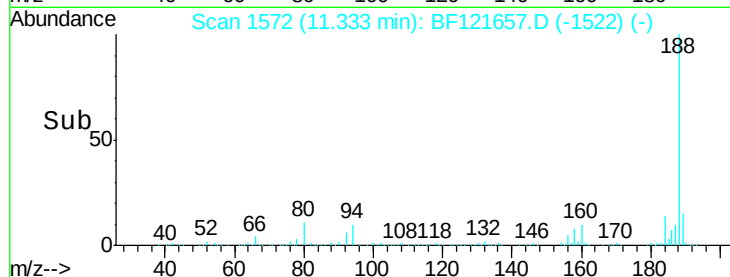
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121657.D

Acq: 22 Sep 2020 23:58

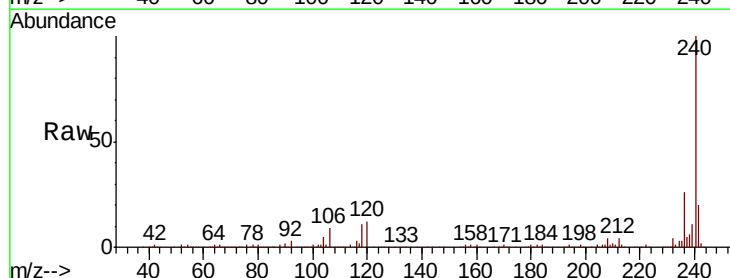
Tgt Ion:240 Resp: 494957

Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

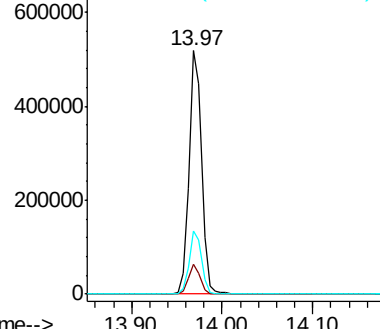
236 26.0 20.4 30.6



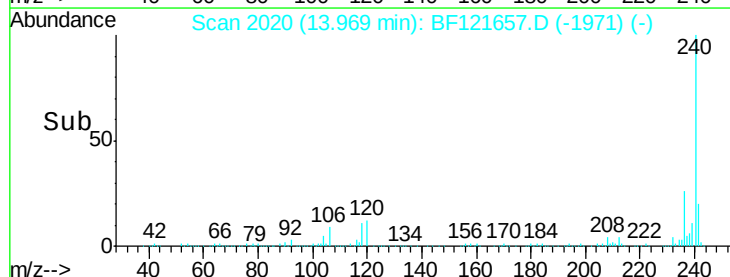
Abundance Ion 240.00 (239.70 to 240.70): E

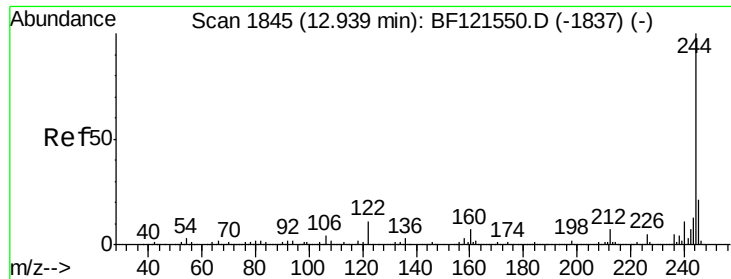
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 89.917 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121657.D

Acq: 22 Sep 2020 23:58

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17

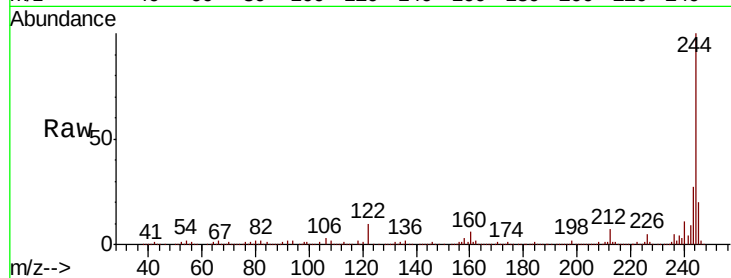
Tot Ion:244 Resp: 2196806

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.7 7.4 11.0

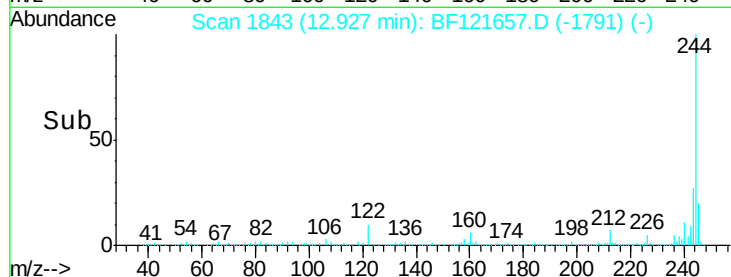


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.80 12.90 13.00



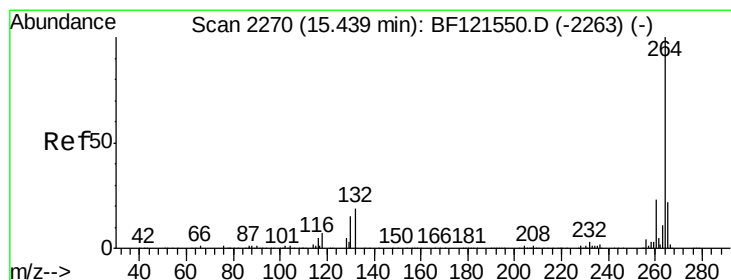
Abundance

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

Time--> 12.80 12.90 13.00



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121657.D

Acq: 22 Sep 2020 23:58

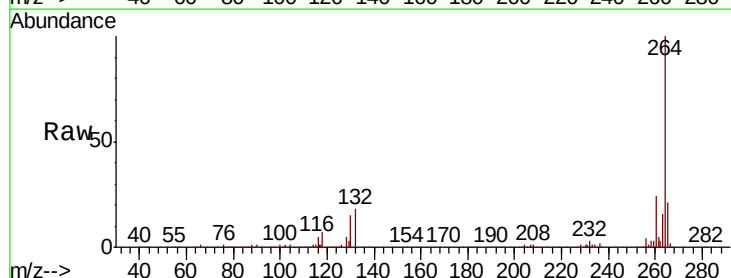
Tgt Ion:264 Resp: 367179

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.4 17.3 25.9

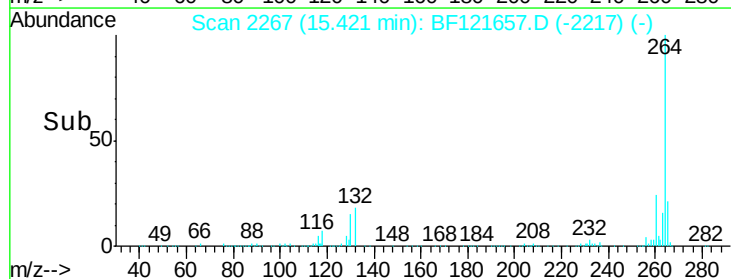


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 15.30 15.40 15.50 15.60



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

Time--> 15.30 15.40 15.50 15.60