

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121655.D
 Acq On : 22 Sep 2020 22:56
 Operator : JU/CG
 Sample : L4104-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-092120-DP

Quant Time: Sep 23 01:43:44 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	155503	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	613345	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	321540	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	624462	20.00	ng	0.00
76) Chrysene-d12	13.97	240	501718	20.00	ng	-0.01
86) Perylene-d12	15.42	264	359397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1157211	110.59	ng	0.02
7) Phenol-d6	6.45	99	1347083	98.13	ng	0.00
23) Nitrobenzene-d5	7.37	82	1155170	101.12	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	575886	144.10	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1970578	92.82	ng	0.00
79) Terphenyl-d14	12.93	244	2191338	88.48	ng	0.00

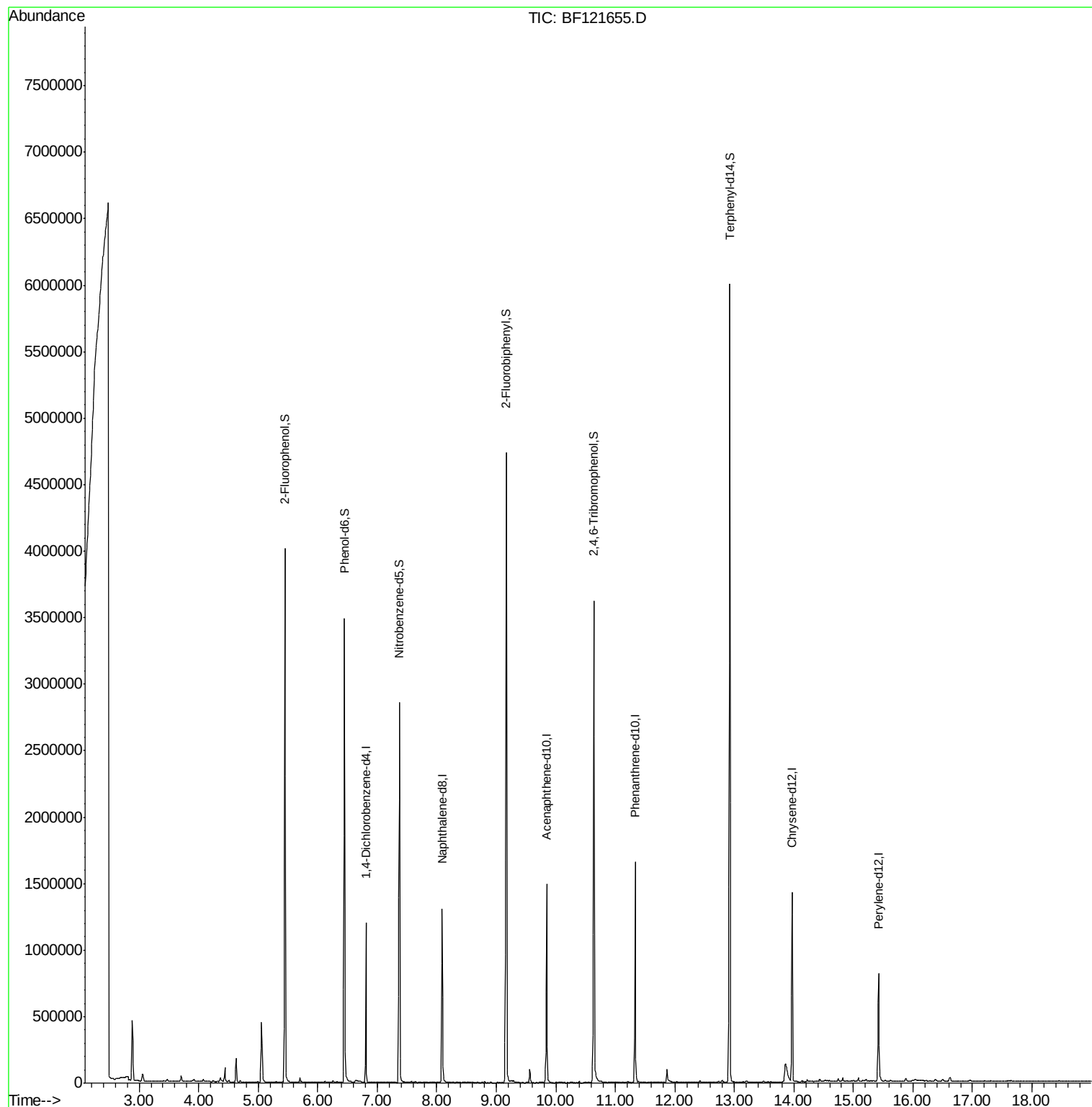
Target Compounds Qvalue

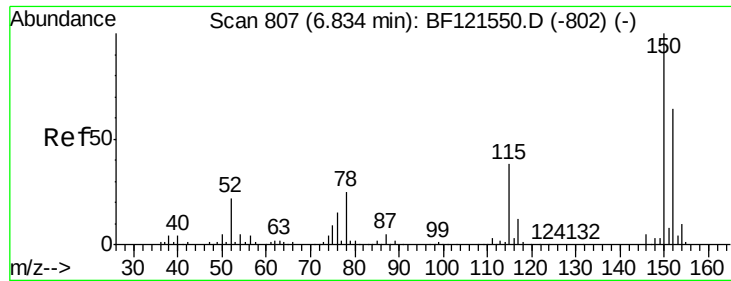
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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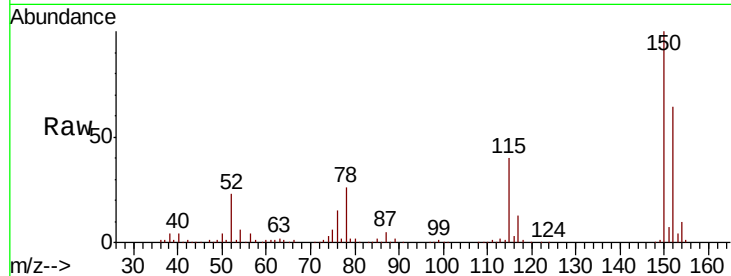


#1

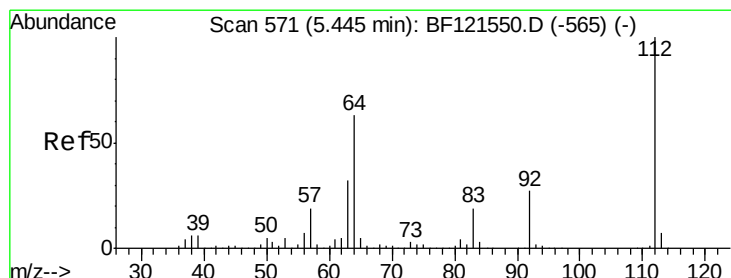
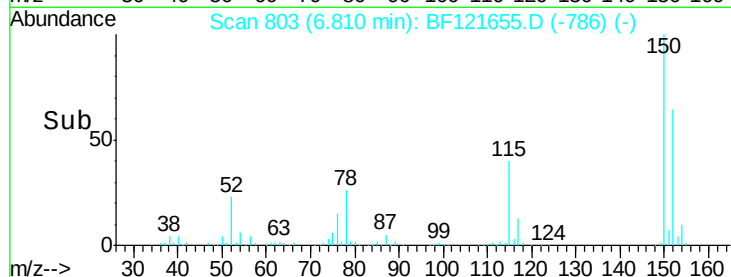
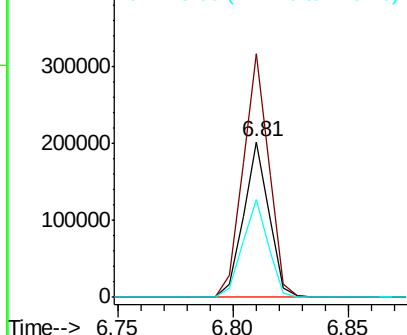
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121655.D
Acq: 22 Sep 2020 22:56

Instrument :
BNA_F
ClientSampleId :
PAV-092120-DP

Tot Ion:152 Resp: 155503
Ion Ratio Lower Upper
152 100
150 156.5 128.1 192.1
115 62.6 52.6 79.0



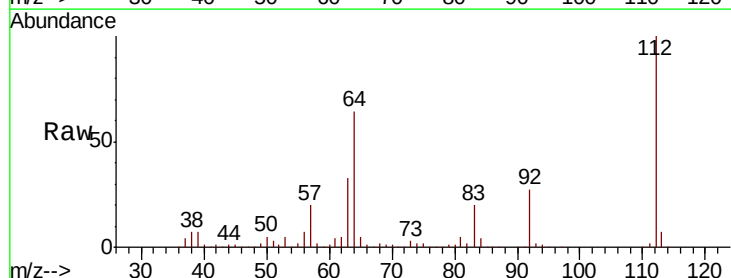
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



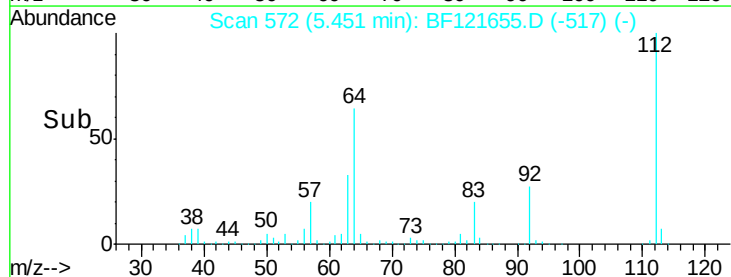
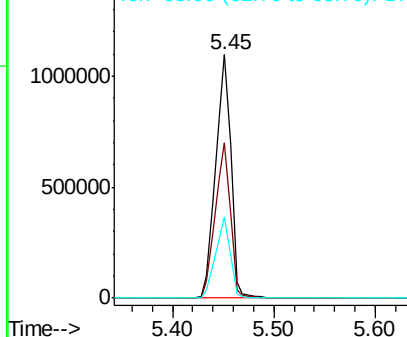
#5

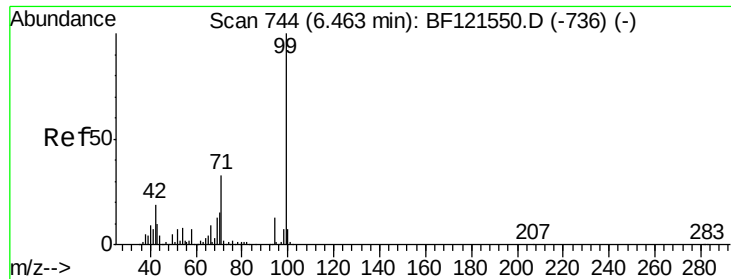
2-Fluorophenol
Concen: 110.593 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF121655.D
Acq: 22 Sep 2020 22:56

Tgt Ion:112 Resp: 1157211
Ion Ratio Lower Upper
112 100
64 63.6 52.2 78.2
63 33.1 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: 98.129 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

Instrument :

BNA_F

ClientSampleId :

PAV-092120-DP

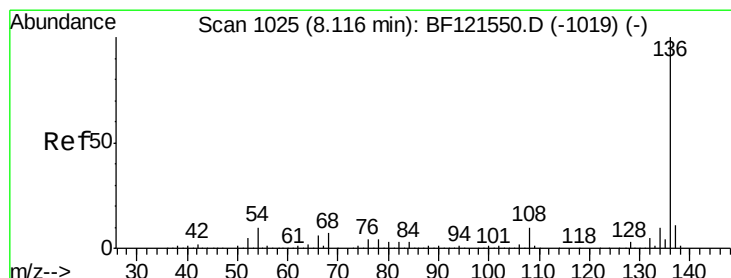
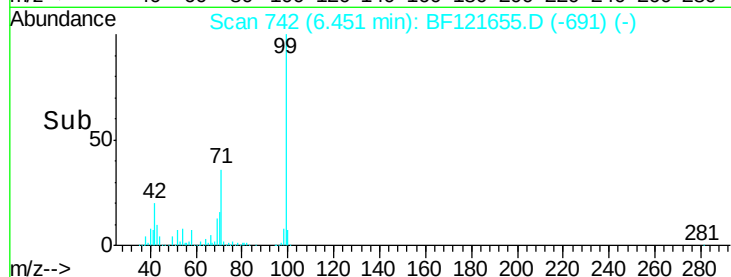
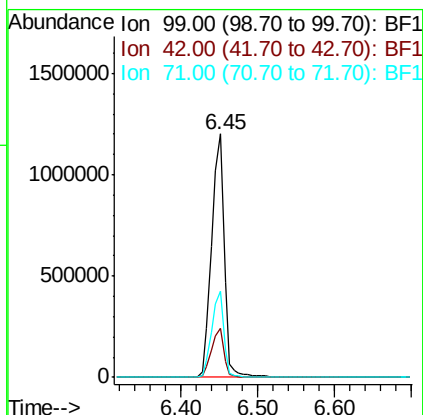
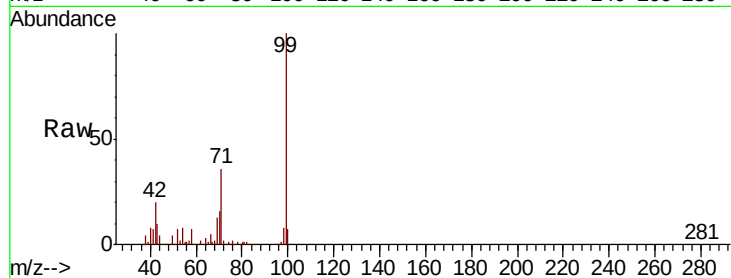
Tot Ion: 99 Resp: 1347083

Ion Ratio Lower Upper

99 100

42 20.0 15.5 23.3

71 35.6 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

Tgt Ion: 136 Resp: 613345

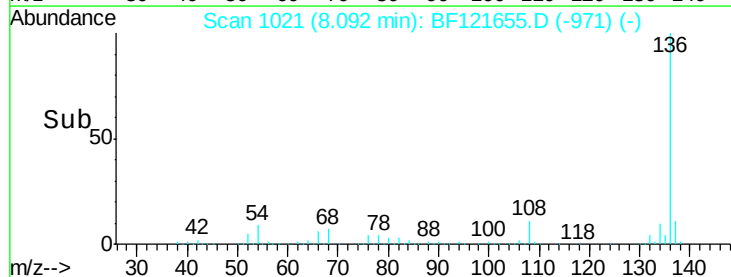
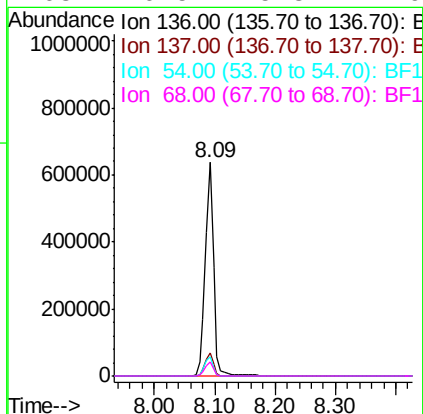
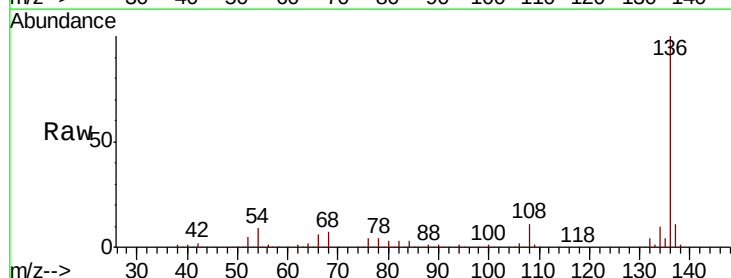
Ion Ratio Lower Upper

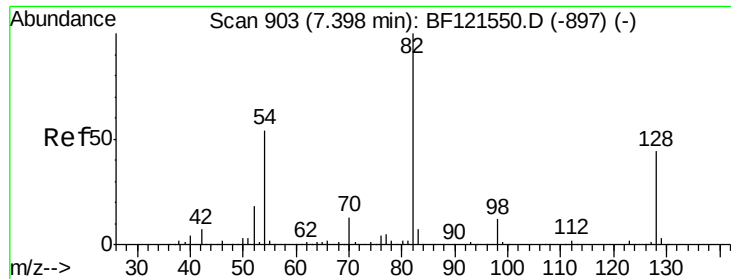
136 100

137 10.8 8.9 13.3

54 9.1 7.4 11.0

68 6.5 5.3 7.9

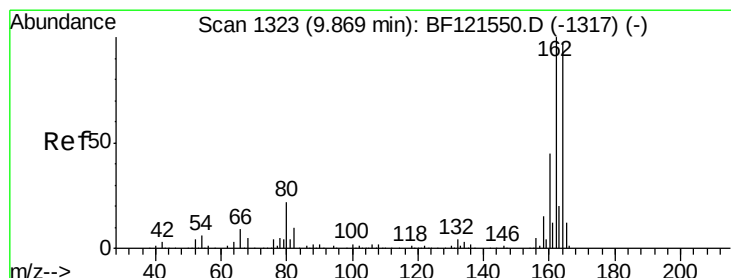
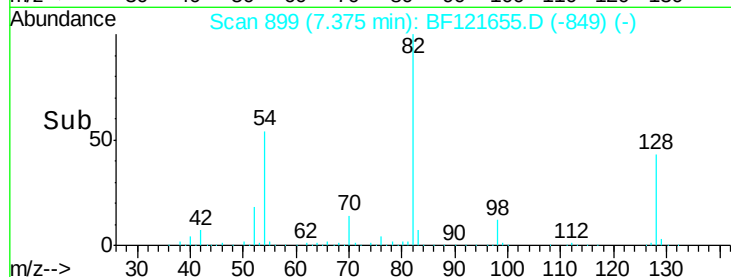
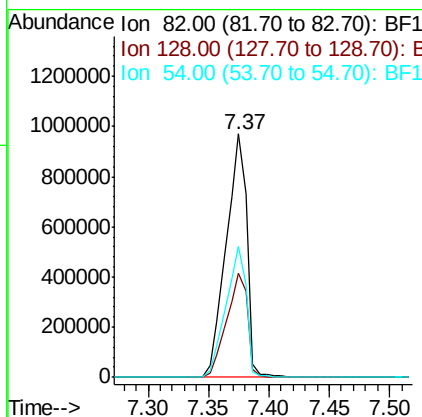
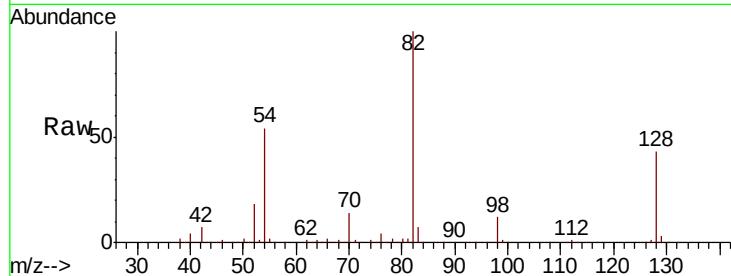




#23
 Nitrobenzene-d5
 Concen: 101.123 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121655.D
 Acq: 22 Sep 2020 22:56

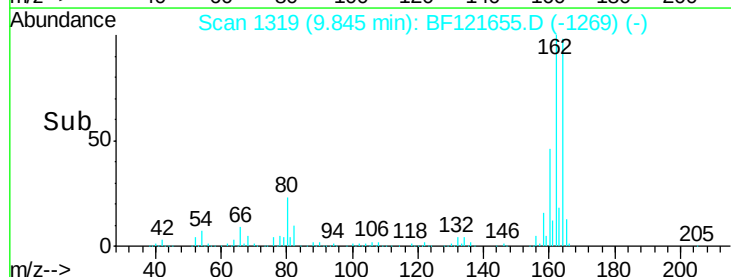
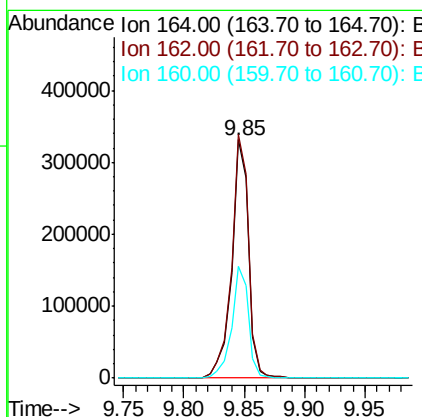
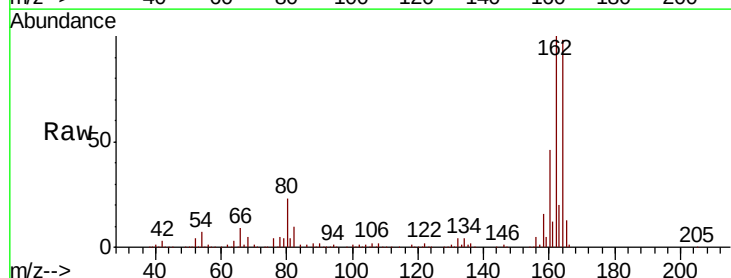
Instrument :
 BNA_F
 ClientSampleId :
 PAV-092120-DP

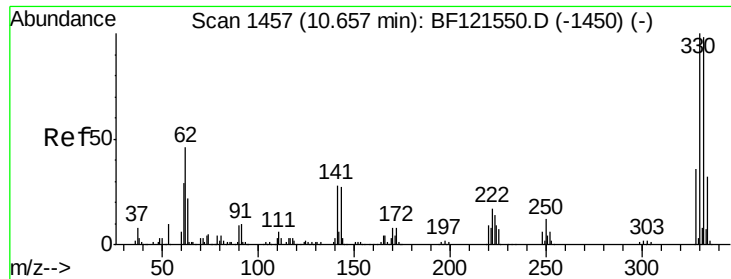
Tot Ion: 82 Resp: 1155170
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.9 50.9
 54 53.8 42.9 64.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121655.D
 Acq: 22 Sep 2020 22:56

Tgt Ion: 164 Resp: 321540
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.2 121.8
 160 46.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 144.104 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

Instrument :

BNA_F

ClientSampleId :

PAV-092120-DP

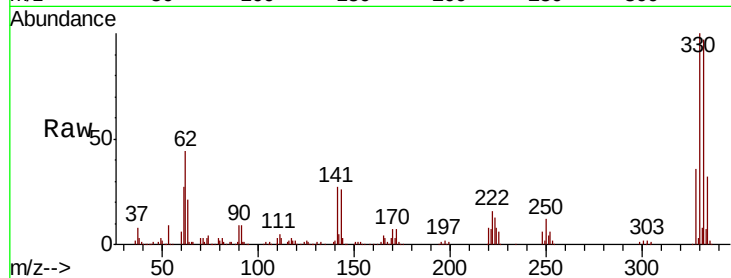
Tot Ion:330 Resp: 575886

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

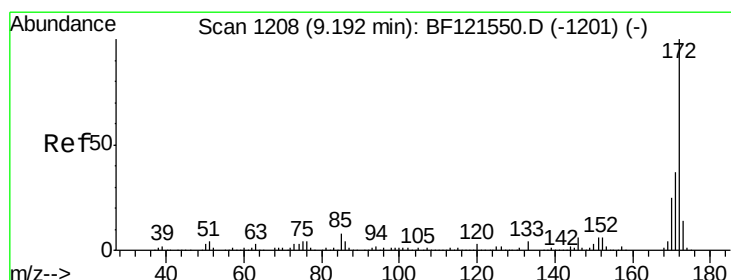
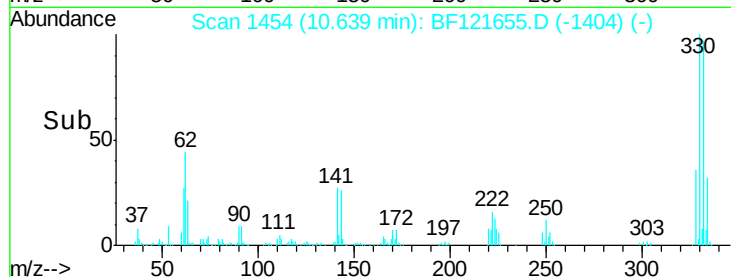
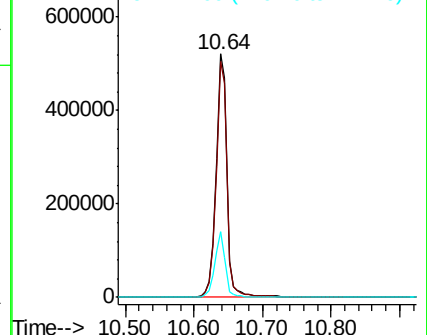
141 26.8 22.4 33.6



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: 92.819 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

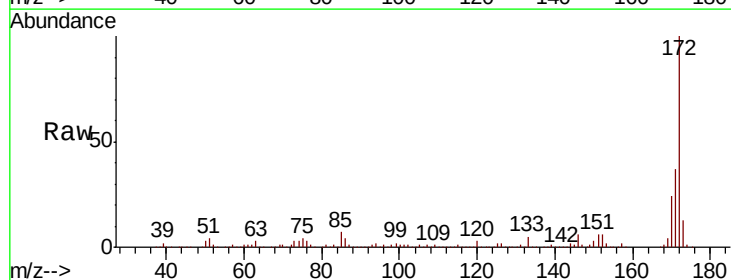
Tgt Ion:172 Resp: 1970578

Ion Ratio Lower Upper

172 100

171 37.0 29.3 43.9

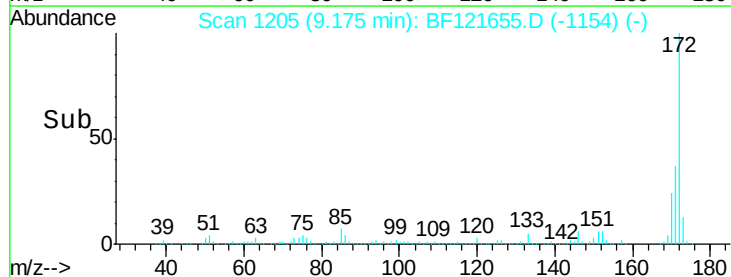
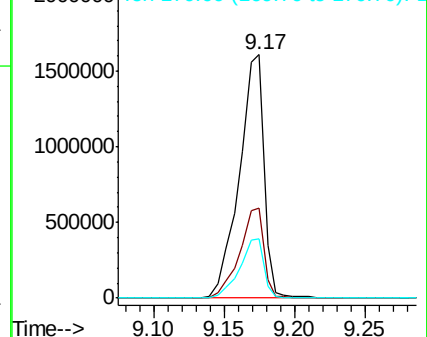
170 24.5 19.5 29.3

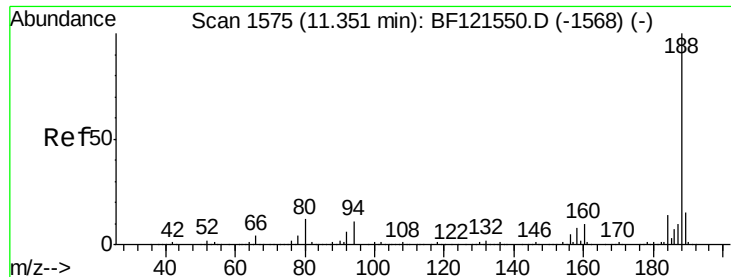


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF121655.D

Acq: 22 Sep 2020 22:56

Instrument :

BNA_F

ClientSampleId :

PAV-092120-DP

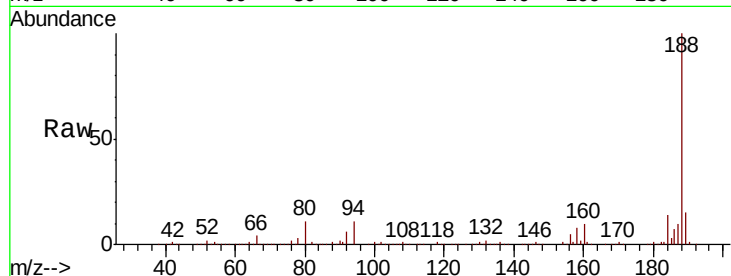
Tot Ion:188 Resp: 624462

Ion Ratio Lower Upper

188 100

94 10.6 8.4 12.6

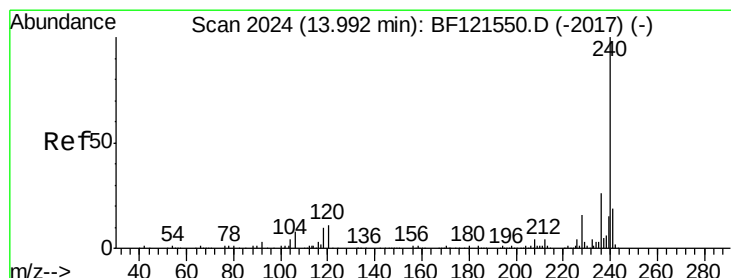
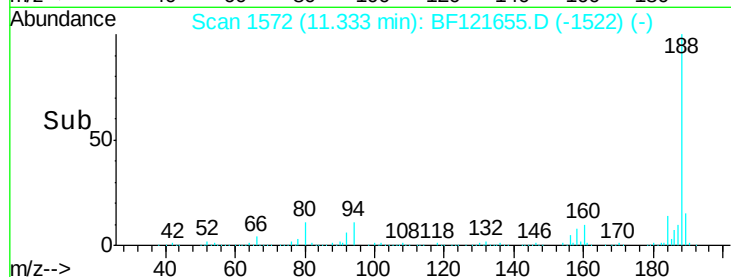
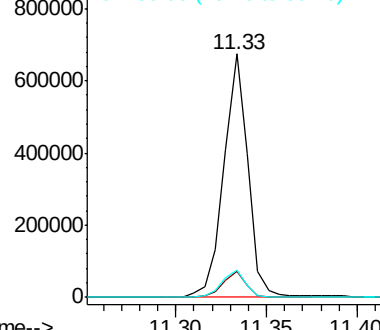
80 11.3 9.0 13.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

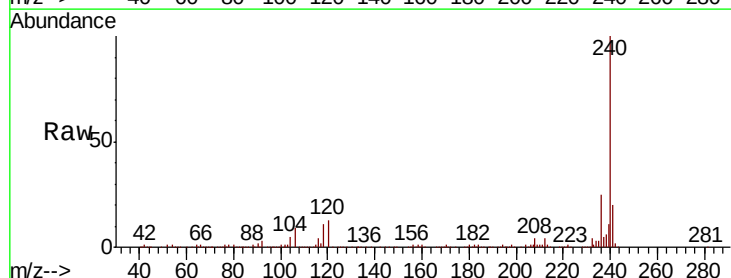
Tgt Ion:240 Resp: 501718

Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

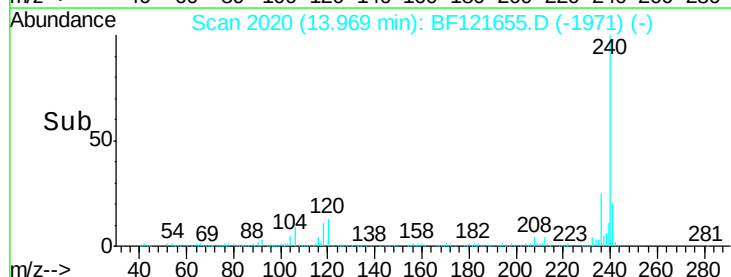
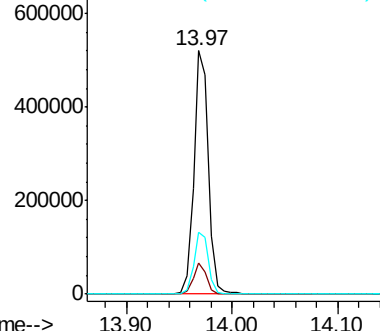
236 25.2 20.4 30.6

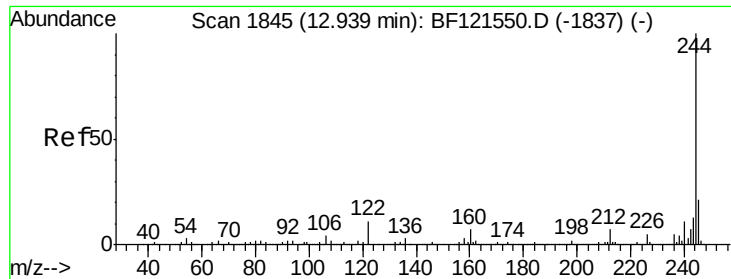


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.485 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

Instrument :

BNA_F

ClientSampleId :

PAV-092120-DP

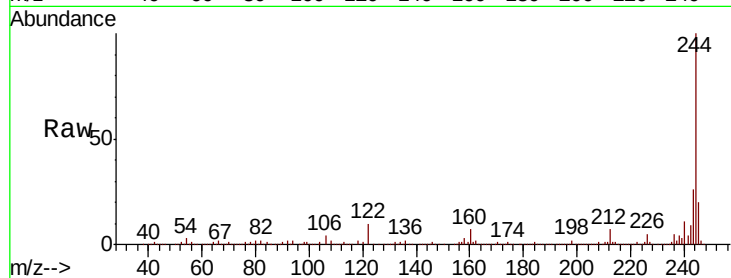
Tot Ion:244 Resp: 2191338

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

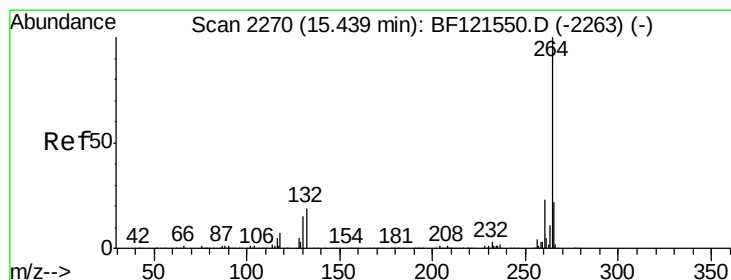
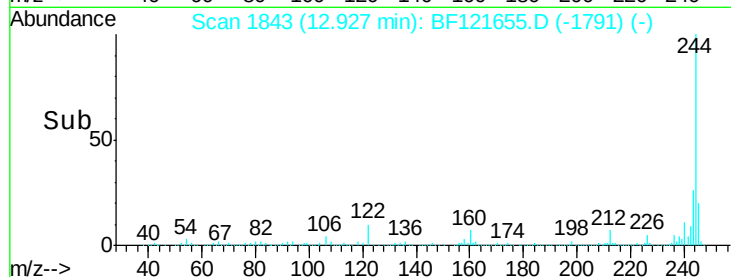
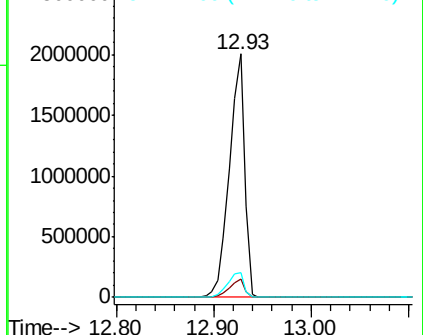
122 10.1 7.4 11.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121655.D

Acq: 22 Sep 2020 22:56

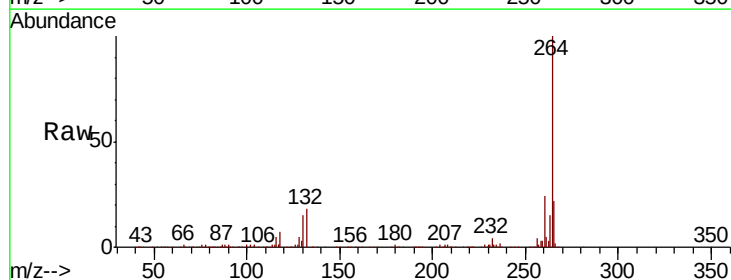
Tgt Ion:264 Resp: 359397

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.8 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

