

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121631.D
 Acq On : 21 Sep 2020 17:35
 Operator : JU/CG
 Sample : L4059-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19

Quant Time: Sep 21 19:02:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

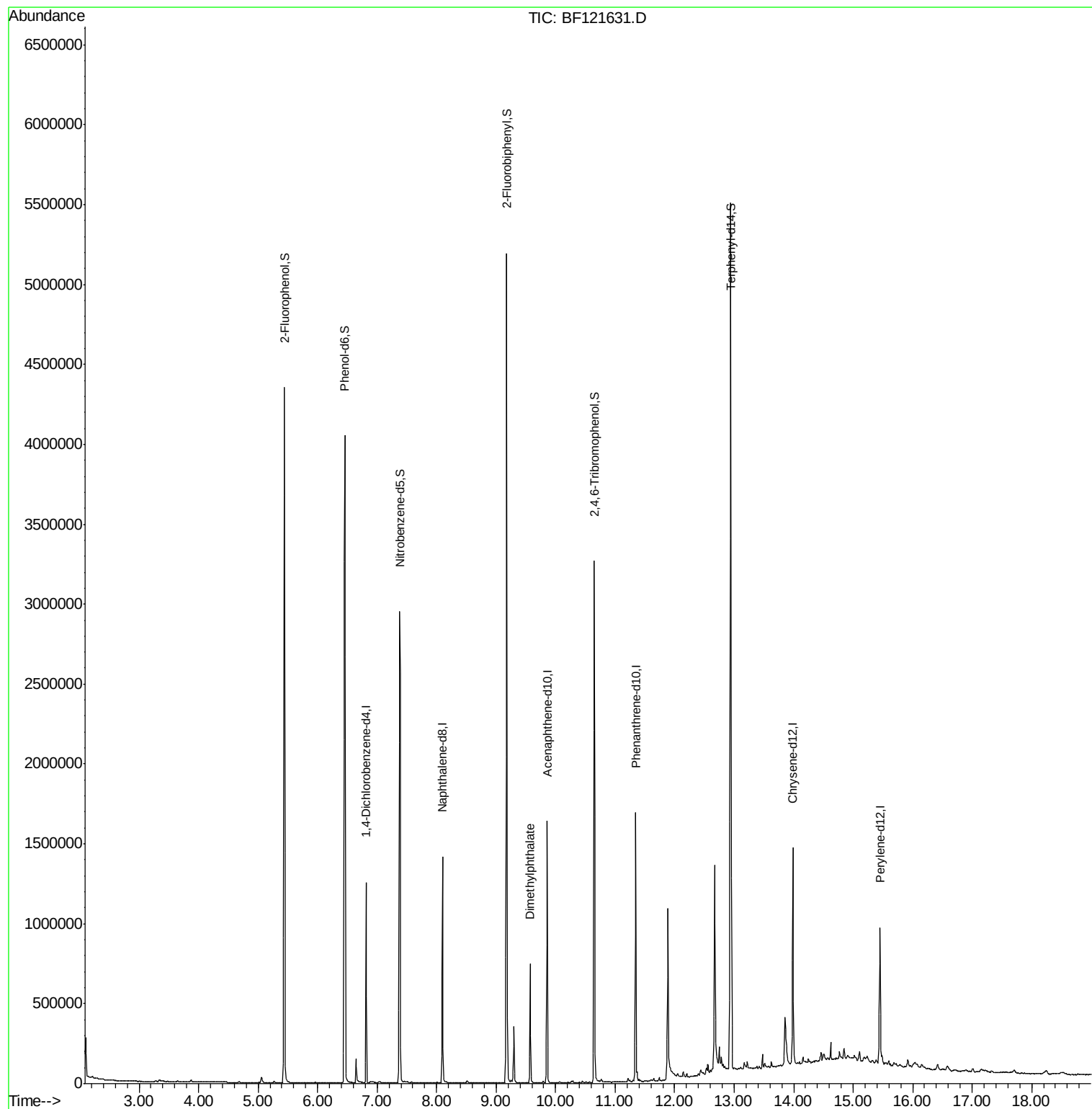
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162619	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	632037	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	330433	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	621609	20.00	ng	0.00
76) Chrysene-d12	13.99	240	482125	20.00	ng	-0.01
86) Perylene-d12	15.45	264	384315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1268735	115.95	ng	0.01
7) Phenol-d6	6.46	99	1657731	115.47	ng	0.00
23) Nitrobenzene-d5	7.38	82	1163806	98.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	437429	106.51	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1950880	89.42	ng	0.00
79) Terphenyl-d14	12.94	244	2040593	85.75	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	292257	12.203	ng	Qvalue 100

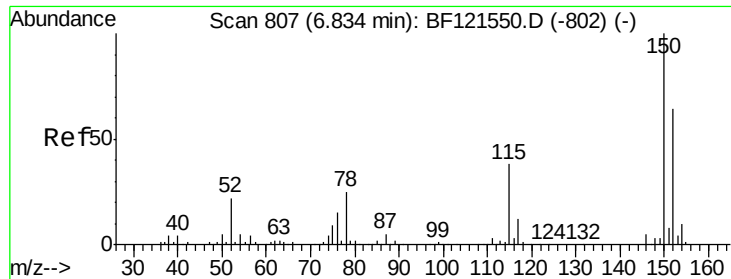
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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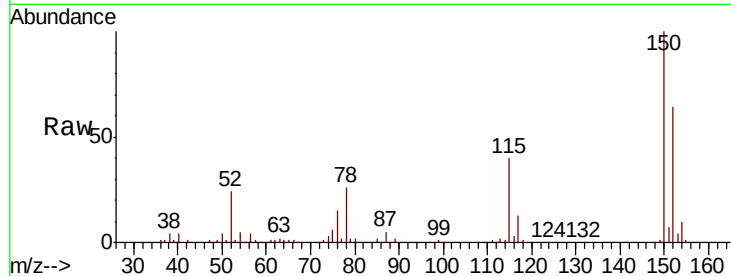


#1

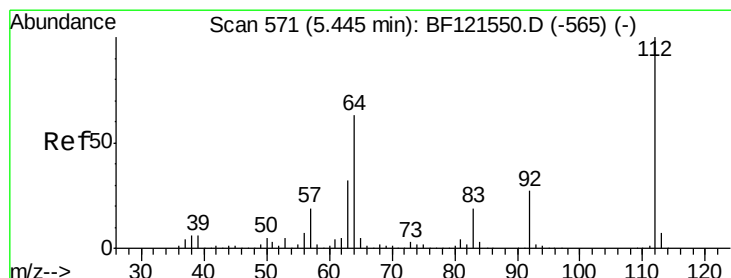
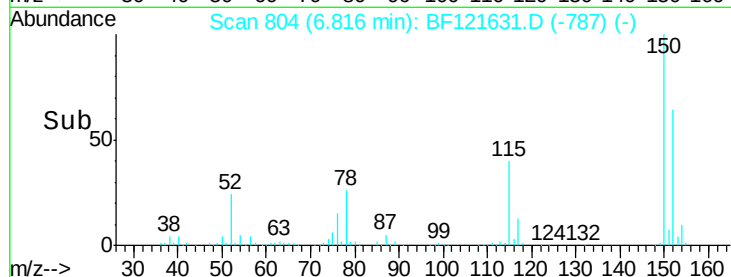
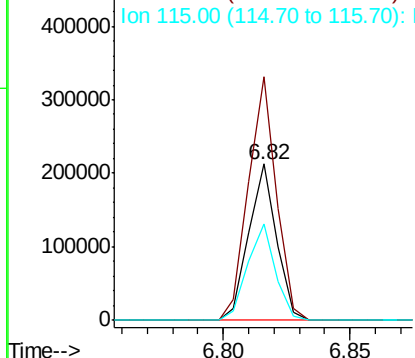
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19

Tot Ion:152 Resp: 162619
Ion Ratio Lower Upper
152 100
150 155.7 128.1 192.1
115 62.1 52.6 79.0



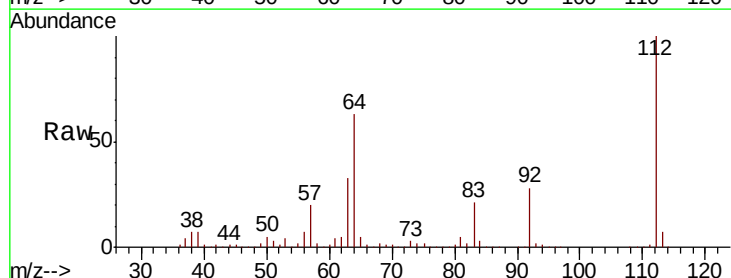
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



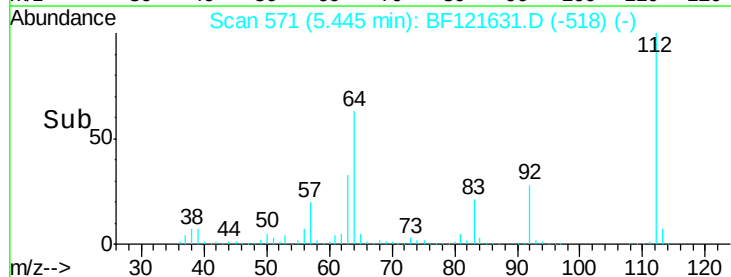
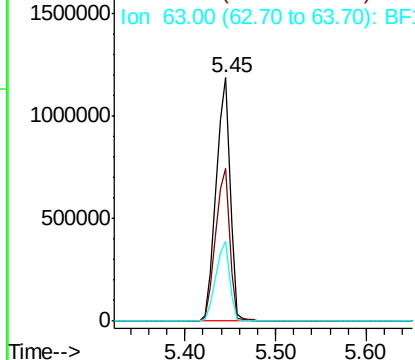
#5

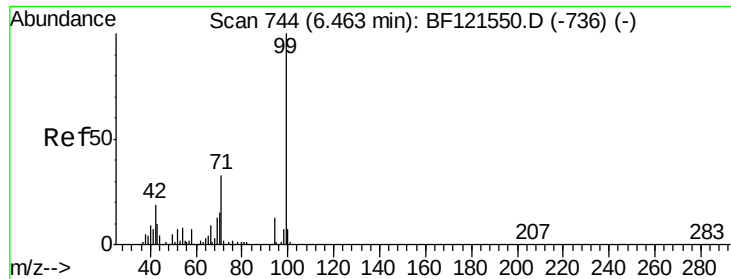
2-Fluorophenol
Concen: 115.946 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Tgt Ion:112 Resp: 1268735
Ion Ratio Lower Upper
112 100
64 63.0 52.2 78.2
63 32.7 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: 115.474 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121631.D

Acq: 21 Sep 2020 17:35

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19

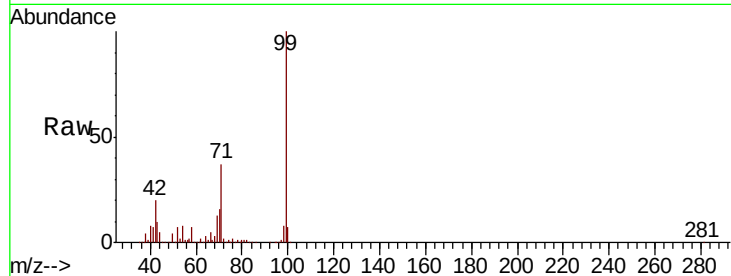
Tot Ion: 99 Resp: 1657731

Ion Ratio Lower Upper

99 100

42 20.4 15.5 23.3

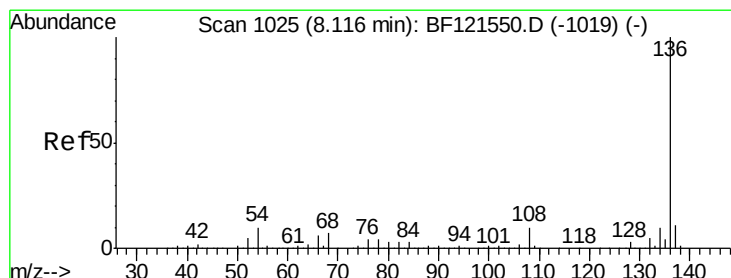
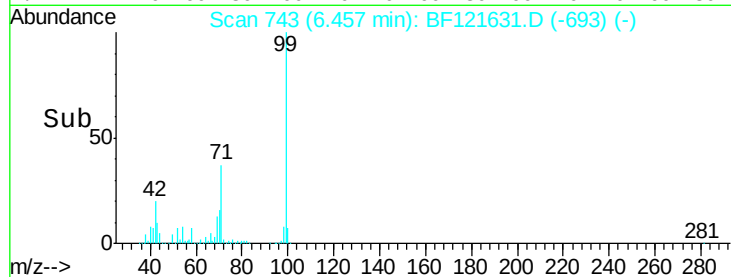
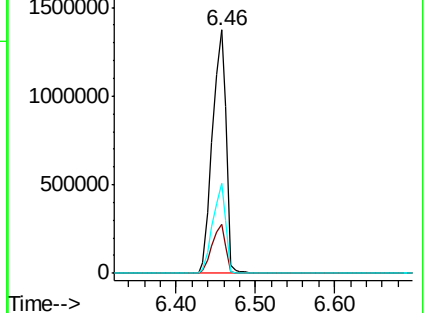
71 37.1 27.4 41.2



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121631.D

Acq: 21 Sep 2020 17:35

Tgt Ion: 136 Resp: 632037

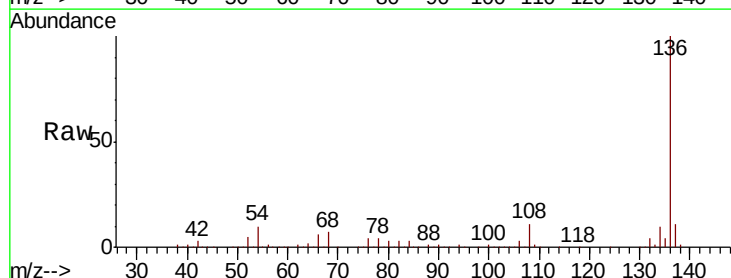
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.8 7.4 11.0

68 6.6 5.3 7.9

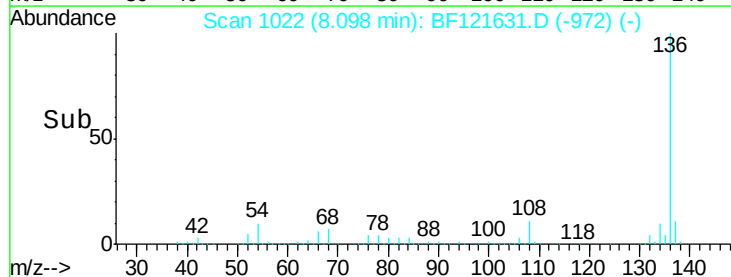
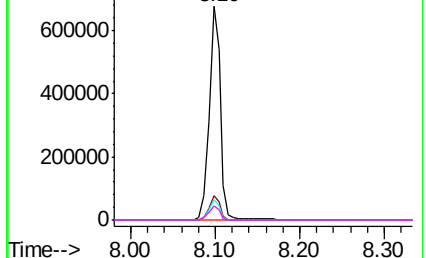


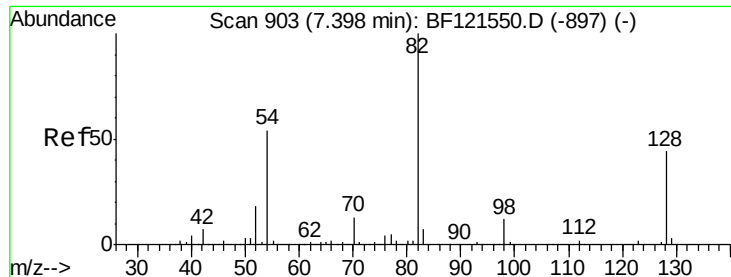
Abundance Ion 136.00 (135.70 to 136.70): E

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



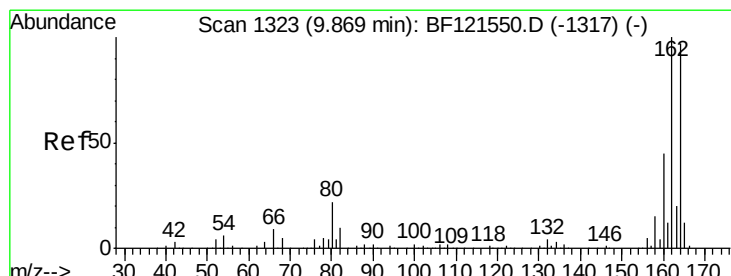
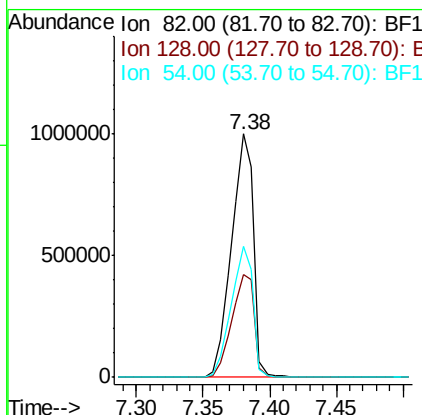
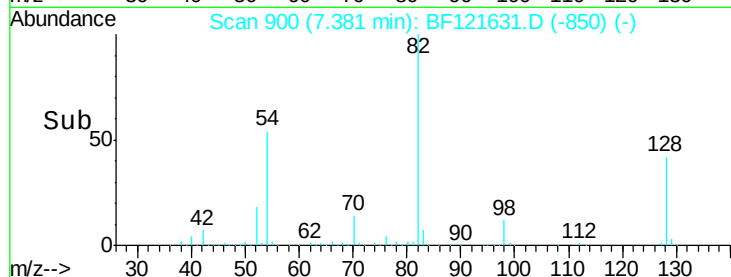
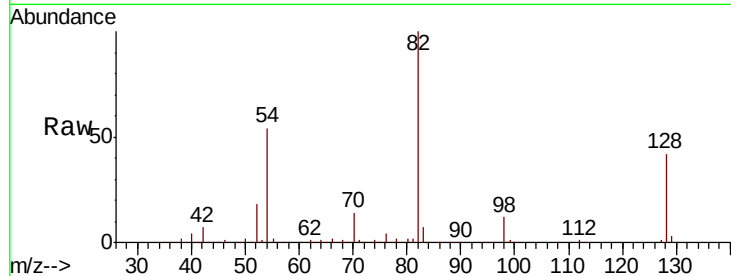


#23
 Nitrobenzene-d5
 Concen: 98.866 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121631.D
 Acq: 21 Sep 2020 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19

Tot Ion: 82 Resp: 1163806

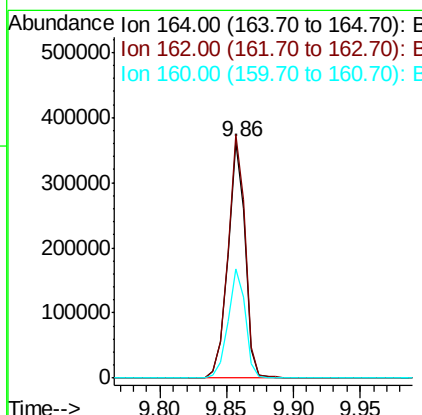
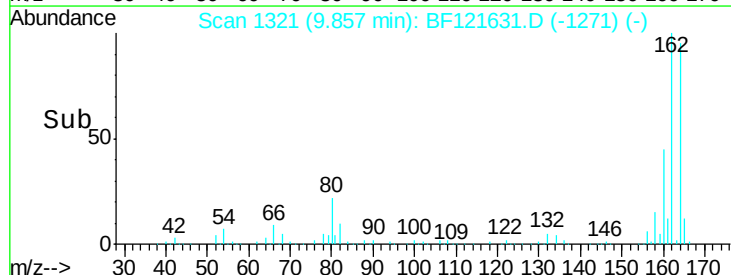
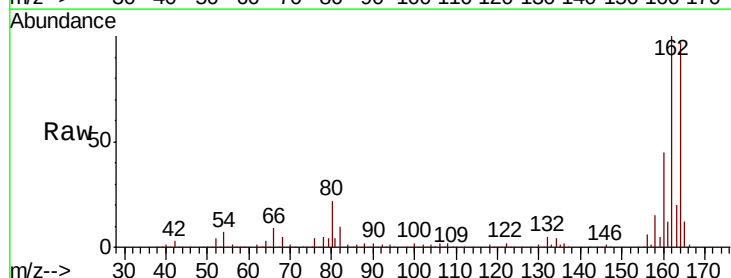
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.9	50.9
54	54.0	42.9	64.3

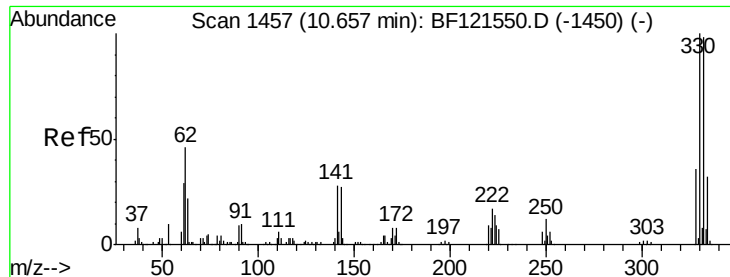


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF121631.D
 Acq: 21 Sep 2020 17:35

Tgt Ion: 164 Resp: 330433

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.2	121.8
160	46.2	36.2	54.4

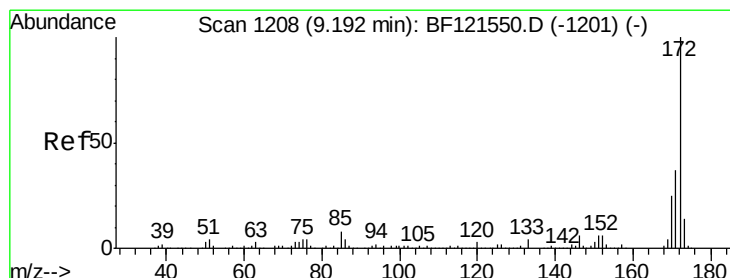
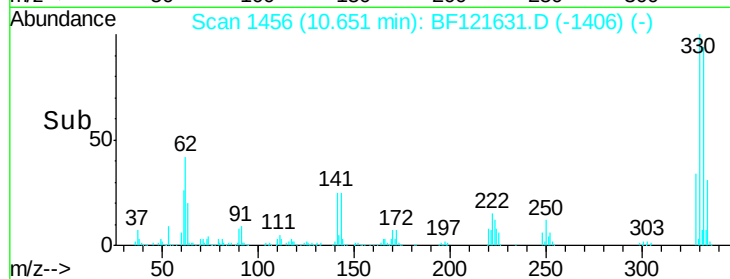
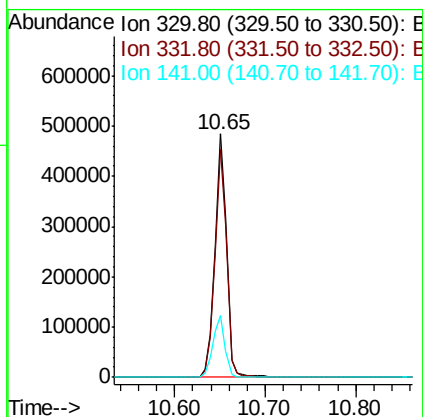
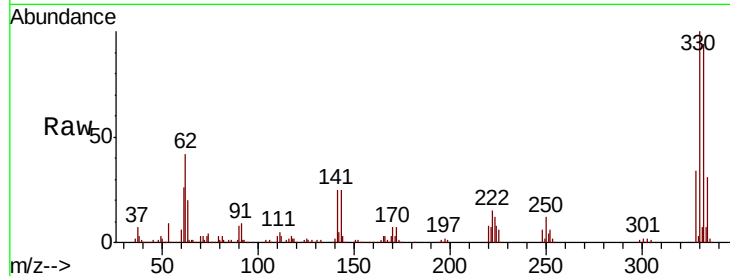




#42
 2,4,6-Tribromophenol
 Concen: 106.512 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF121631.D
 Acq: 21 Sep 2020 17:35

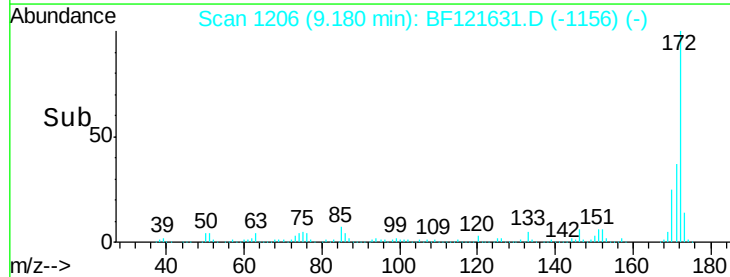
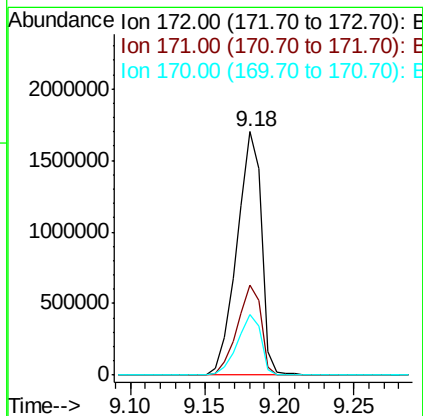
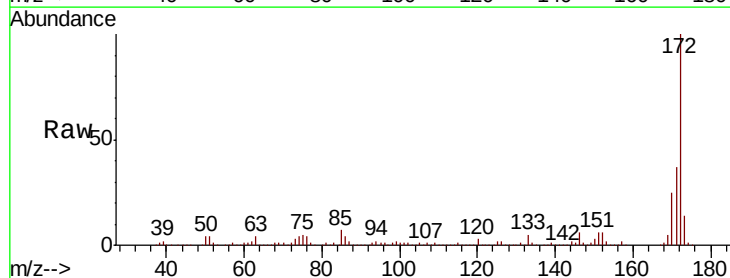
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19

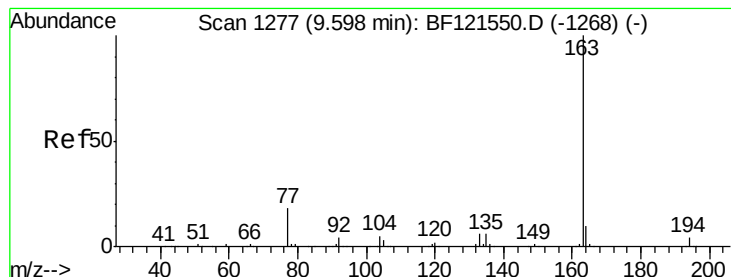
Tot Ion:330 Resp: 437429
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.9 115.3
 141 26.4 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 89.418 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121631.D
 Acq: 21 Sep 2020 17:35

Tgt Ion:172 Resp: 1950880
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.3 43.9
 170 24.9 19.5 29.3





#50

Dimethylphthalate

Concen: 12.203 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF121631.D

Acq: 21 Sep 2020 17:35

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19

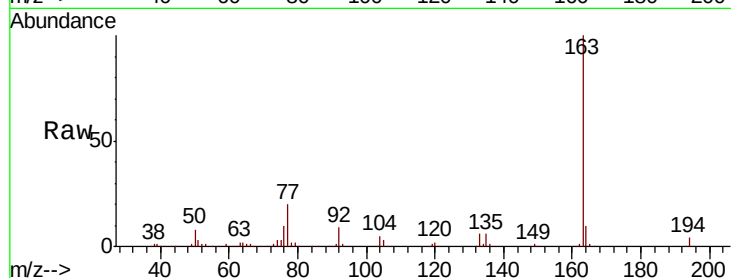
Tot Ion:163 Resp: 292257

Ion Ratio Lower Upper

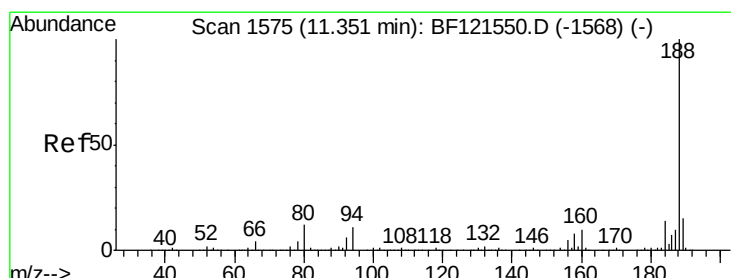
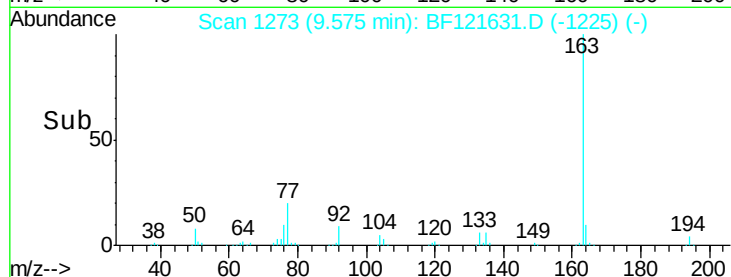
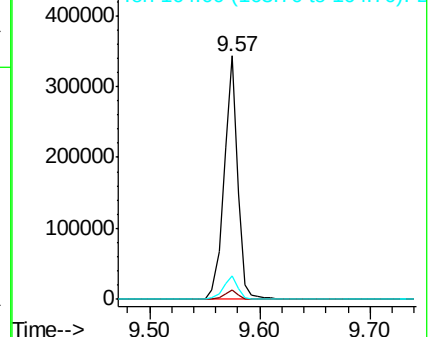
163 100

194 3.9 3.3 4.9

164 9.9 8.0 12.0



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: 11.34 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121631.D

Acq: 21 Sep 2020 17:35

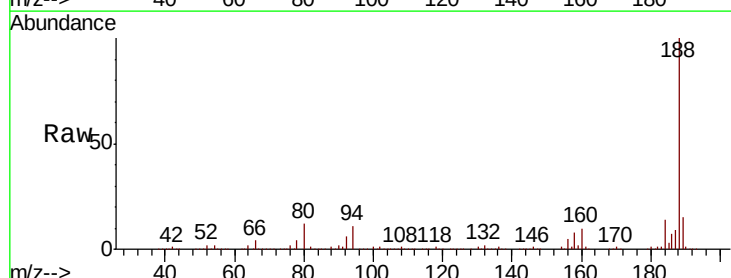
Tgt Ion:188 Resp: 621609

Ion Ratio Lower Upper

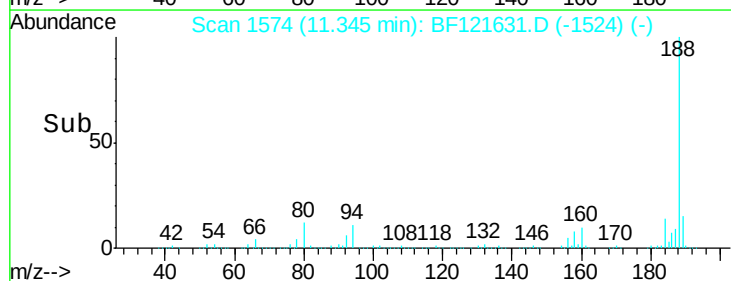
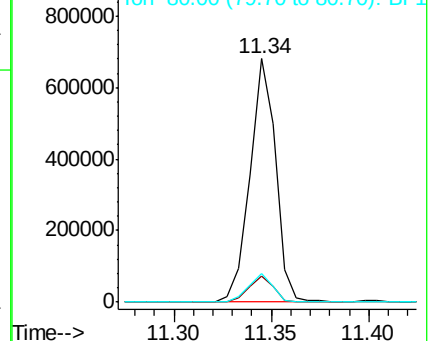
188 100

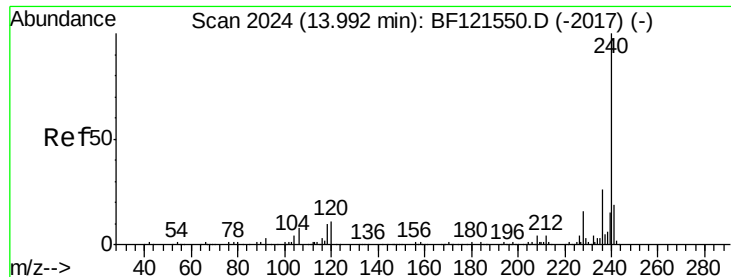
94 10.9 8.4 12.6

80 11.9 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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF121631.D

Acq: 21 Sep 2020 17:35

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19

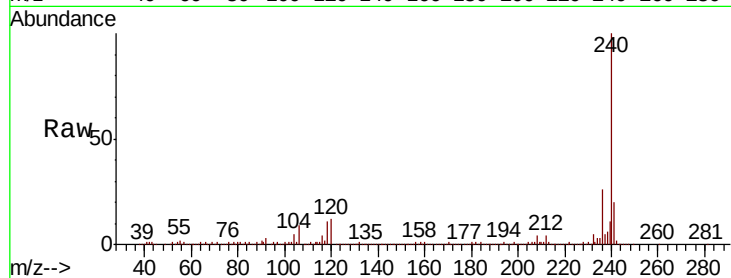
Tot Ion:240 Resp: 482125

Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

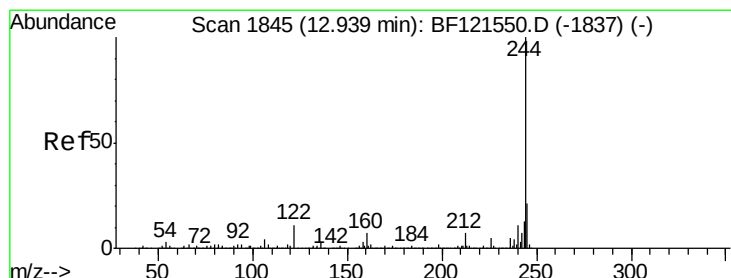
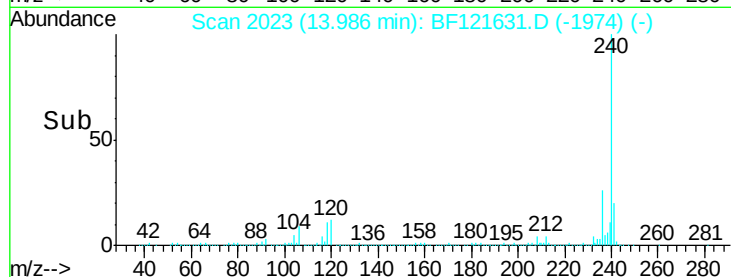
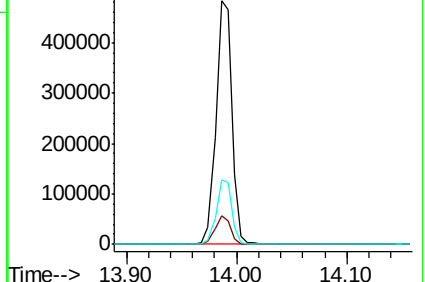
236 26.3 20.4 30.6



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: 85.746 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BF121631.D

Acq: 21 Sep 2020 17:35

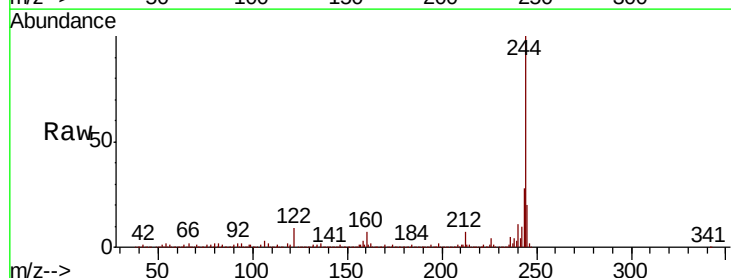
Tgt Ion:244 Resp: 2040593

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

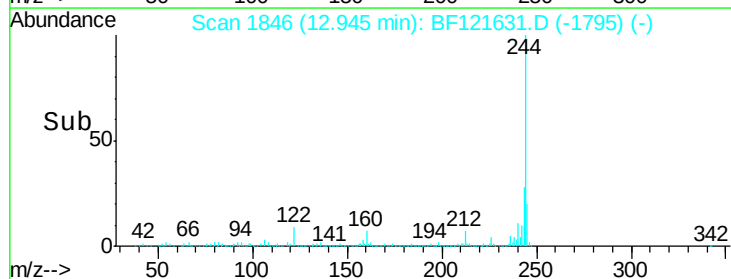
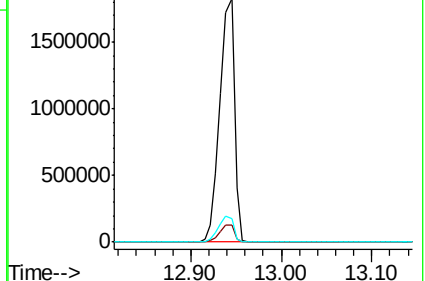
122 9.4 7.4 11.0

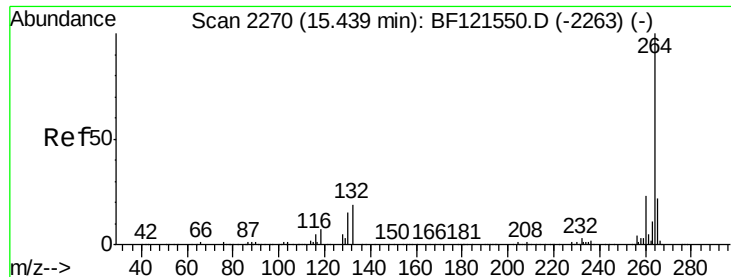


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.2	17.3	25.9

