

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121061.D
 Acq On : 28 Jul 2020 10:48
 Operator : JU/CG
 Sample : L3435-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Jul 28 11:45:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

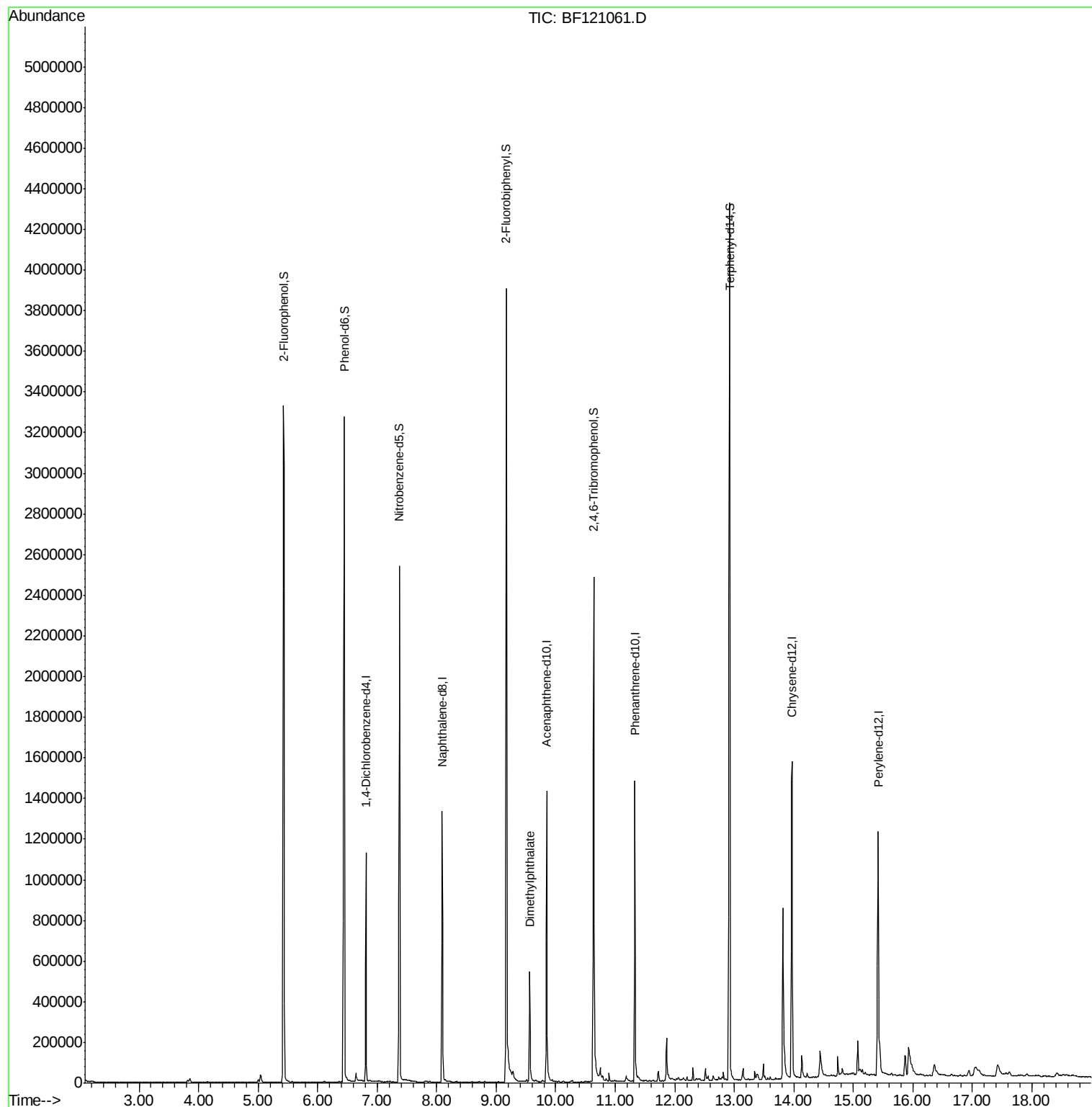
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	151748	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	563598	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	313083	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	624840	20.00	ng	0.00
76) Chrysene-d12	13.97	240	608950	20.00	ng	0.00
86) Perylene-d12	15.42	264	623568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1193718	128.96	ng	0.00
7) Phenol-d6	6.45	99	1457605	121.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	924146	94.88	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	463981	135.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1717744	81.92	ng	0.00
79) Terphenyl-d14	12.92	244	1840034	65.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	234387	10.377	ng	Qvalue 100

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

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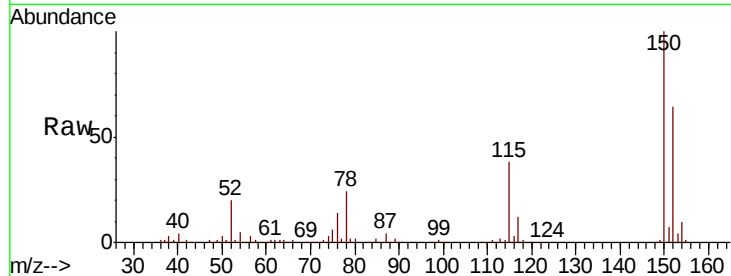


#1

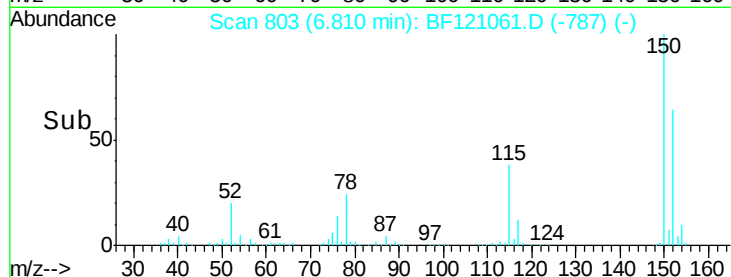
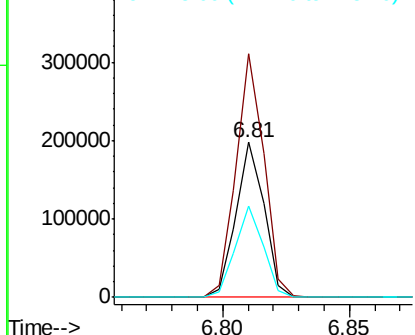
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:152 Resp: 151748
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.6
115 59.1 47.0 70.4



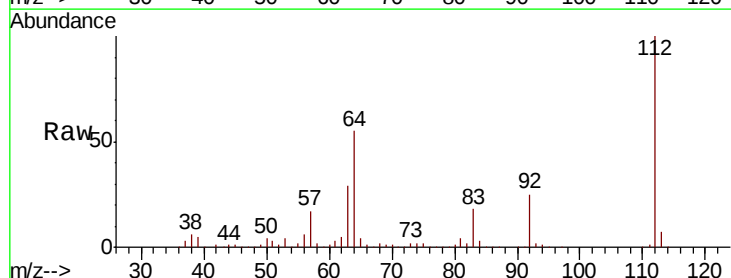
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



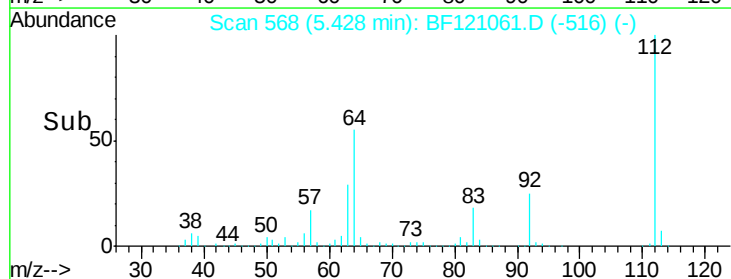
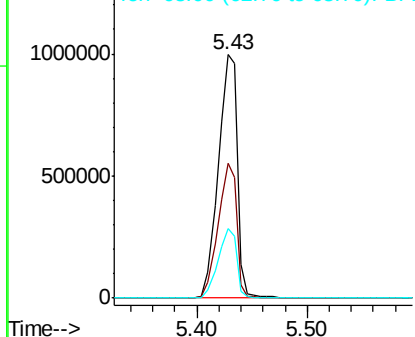
#5

2-Fluorophenol
Concen: 128.959 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Tgt Ion:112 Resp: 1193718
Ion Ratio Lower Upper
112 100
64 55.2 41.3 61.9
63 28.8 21.1 31.7



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: 121.903 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121061.D

Acq: 28 Jul 2020 10:48

Instrument :

BNA_F

ClientSampleId :

SP-1

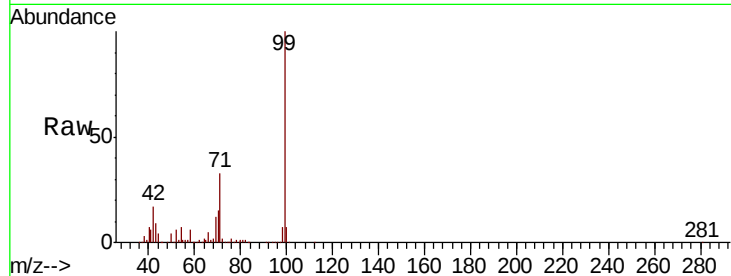
Tot Ion: 99 Resp: 1457605

Ion Ratio Lower Upper

99 100

42 17.2 13.1 19.7

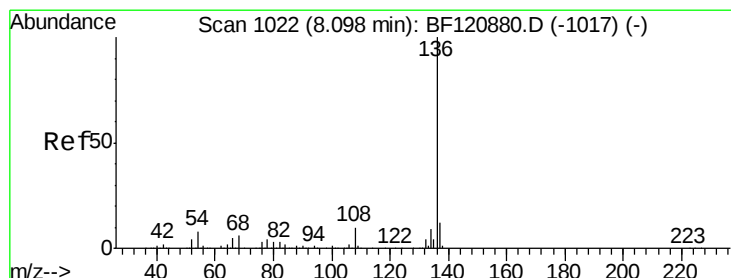
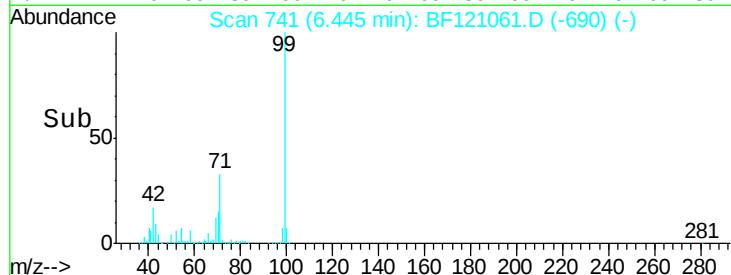
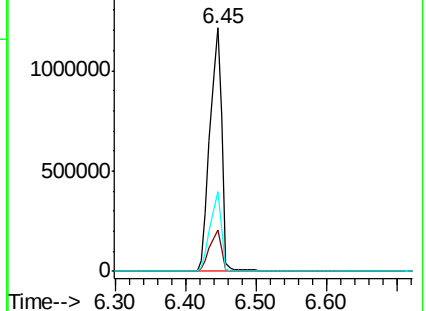
71 32.7 24.2 36.4



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121061.D

Acq: 28 Jul 2020 10:48

Tgt Ion: 136 Resp: 563598

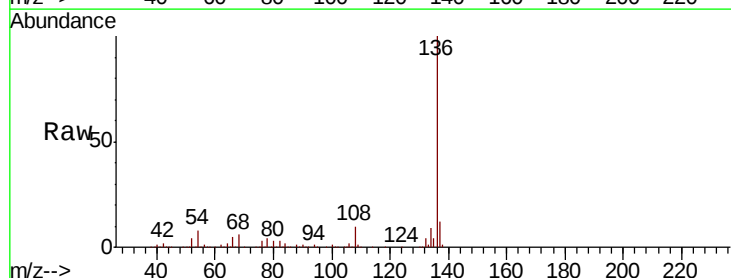
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.6 6.3 9.5

68 5.9 5.0 7.4

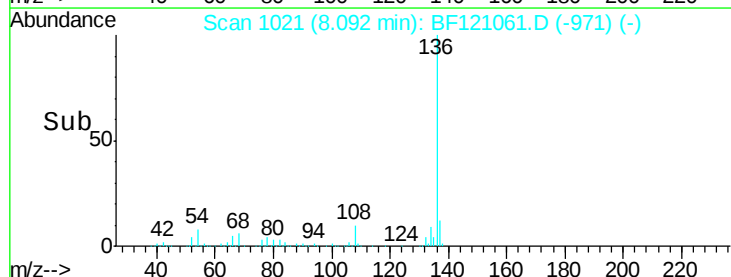
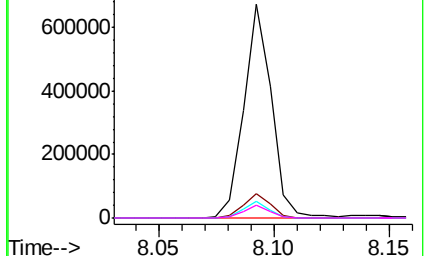


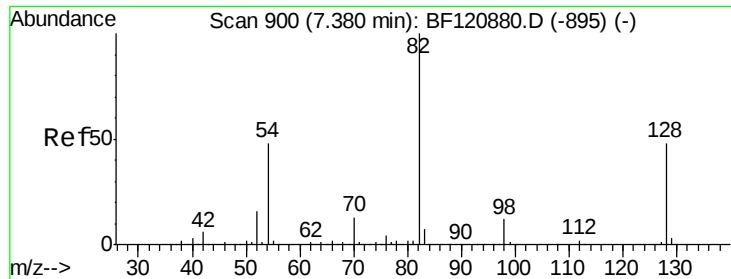
Abundance Ion 136.00 (135.70 to 136.70): E

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

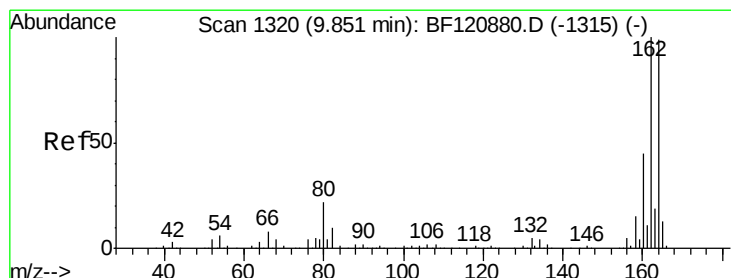
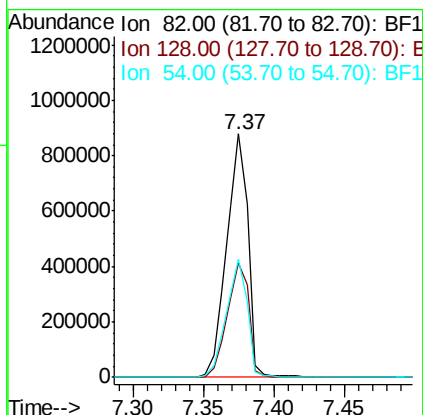
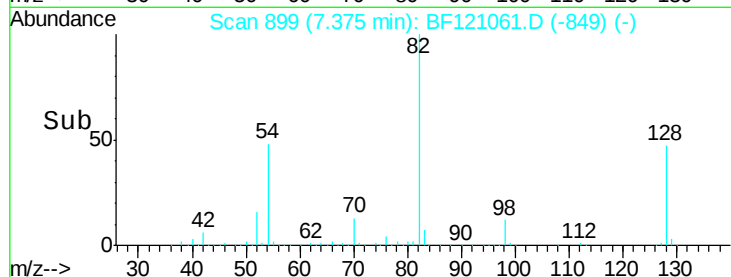
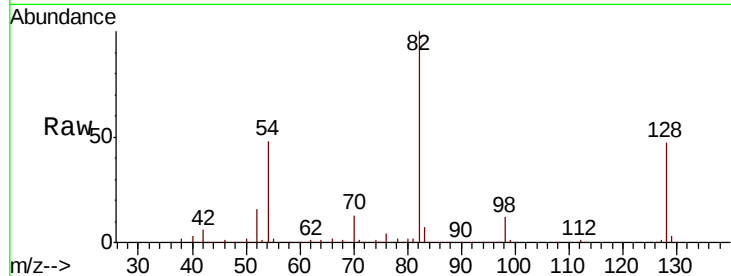




#23
Nitrobenzene-d5
Concen: 94.880 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

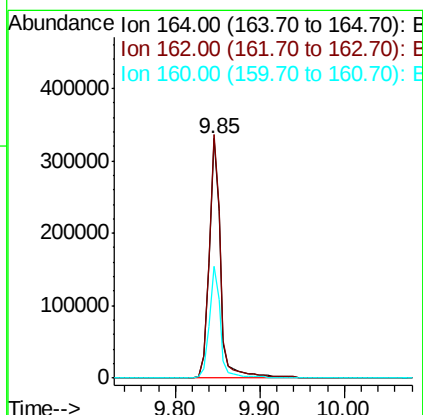
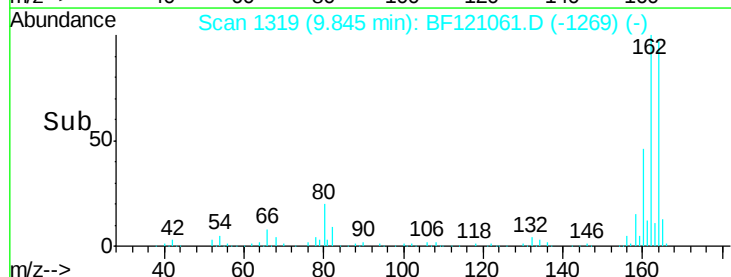
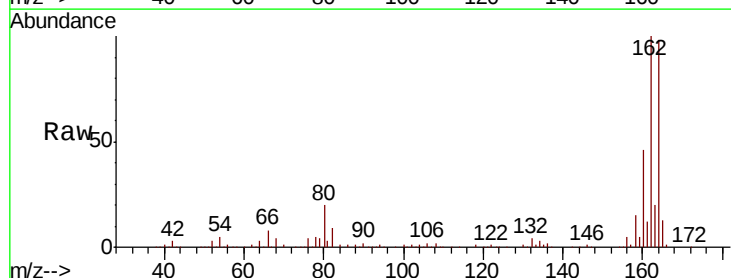
Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion: 82 Resp: 924146
Ion Ratio Lower Upper
82 100
128 46.9 38.2 57.4
54 48.5 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Tgt Ion: 164 Resp: 313083
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 46.6 36.9 55.3

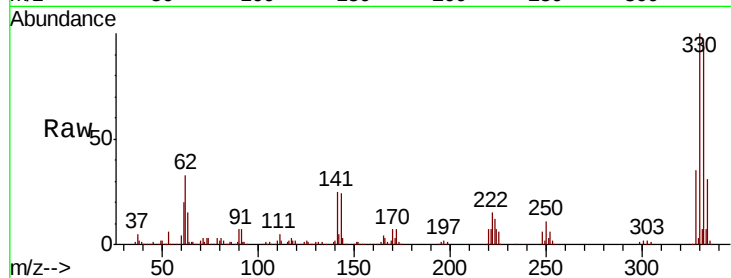




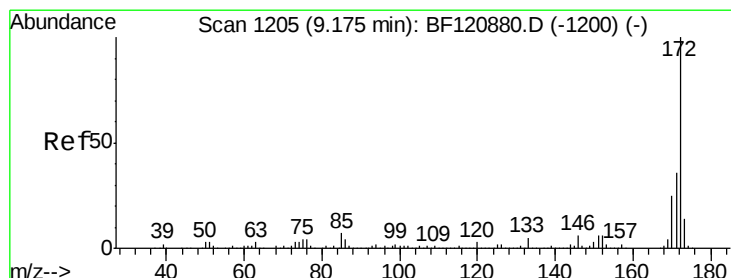
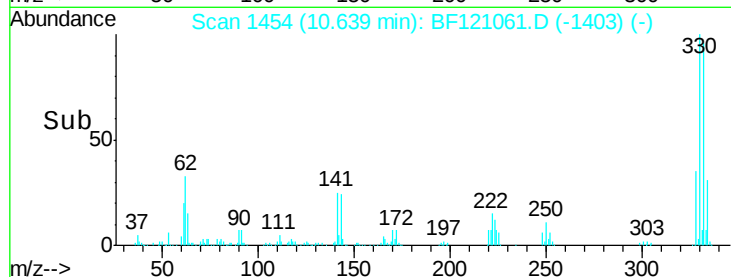
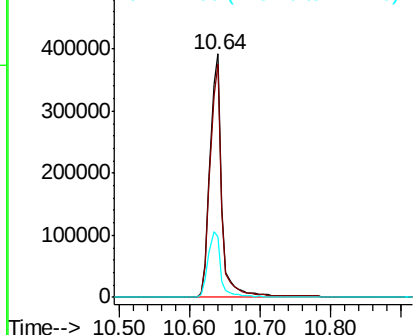
#42
 2,4,6-Tribromophenol
 Concen: 135.390 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121061.D
 Acq: 28 Jul 2020 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion:330 Resp: 463981
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.5 113.3
 141 29.8 25.7 38.5

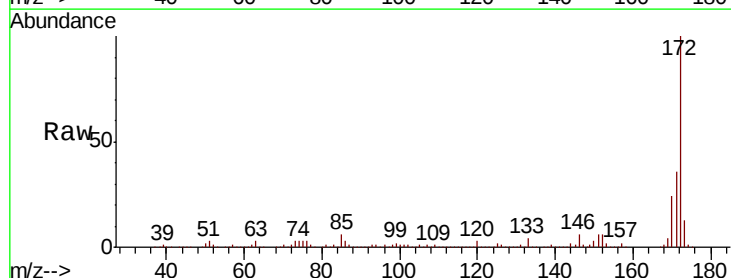


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

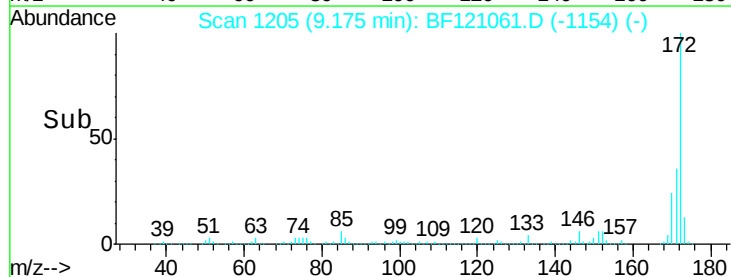
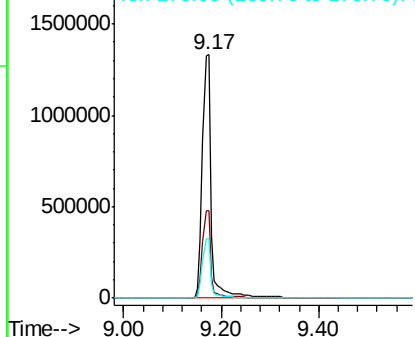


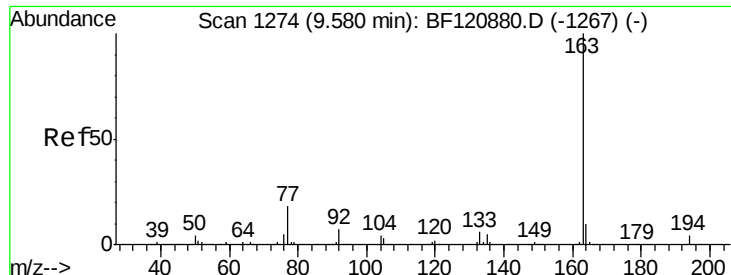
#45
 2-Fluorobiphenyl
 Concen: 81.916 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121061.D
 Acq: 28 Jul 2020 10:48

Tgt Ion:172 Resp: 1717744
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.1 19.6 29.4



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

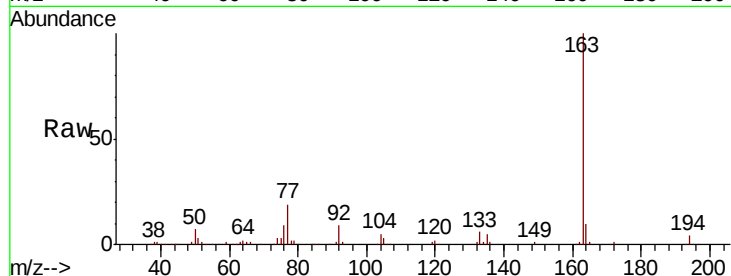




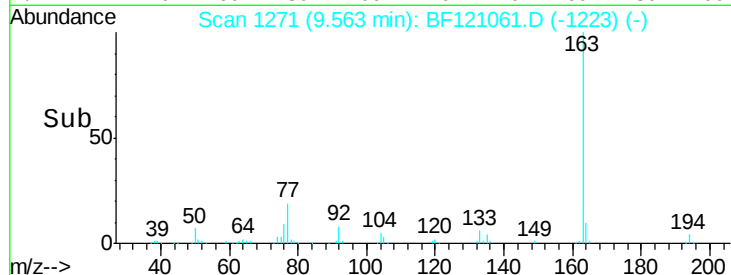
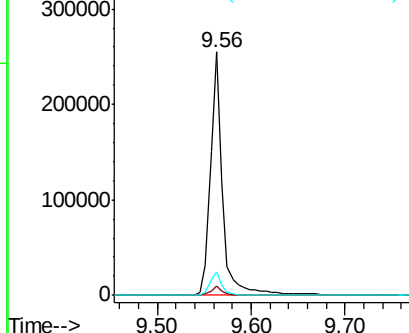
#50
Dimethylphthalate
Concen: 10.377 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:163 Resp: 234387
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.7 7.9 11.9

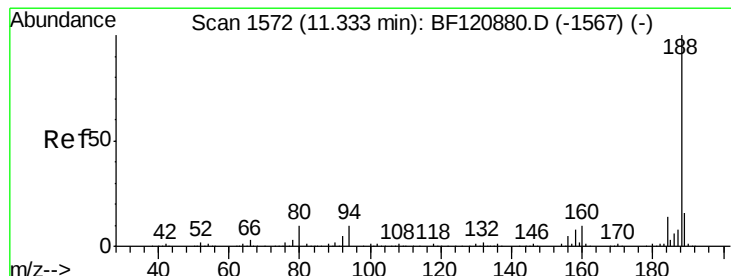


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

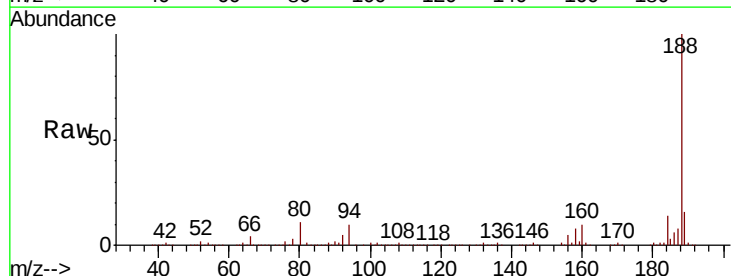
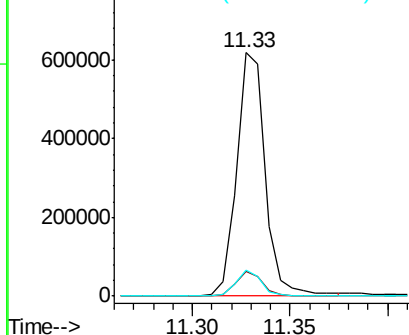


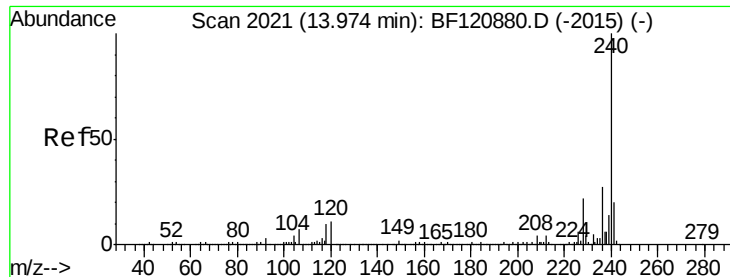
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Tgt Ion:188 Resp: 624840
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.7 8.3 12.5



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: BF121061.D

Acq: 28 Jul 2020 10:48

Instrument :

BNA_F

ClientSampleId :

SP-1

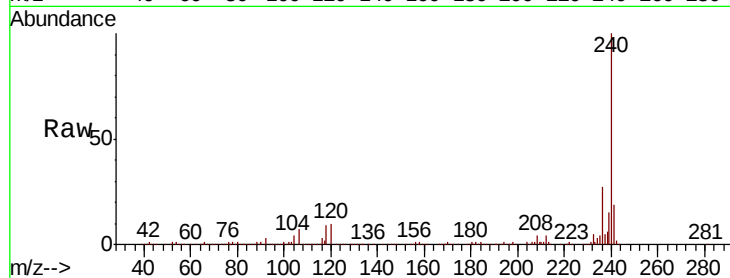
Tot Ion:240 Resp: 608950

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

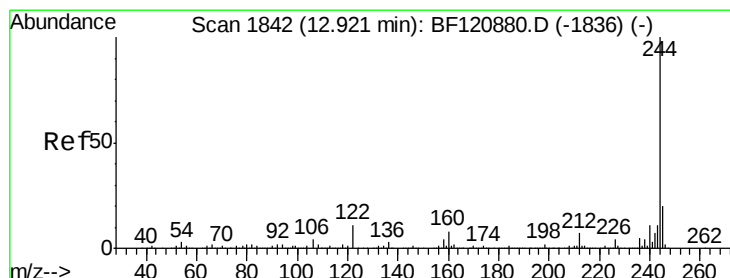
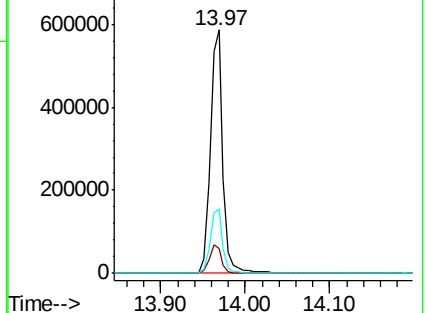
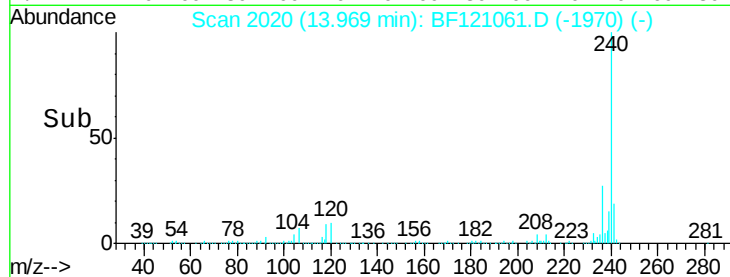
236 26.6 21.7 32.5



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: 65.684 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121061.D

Acq: 28 Jul 2020 10:48

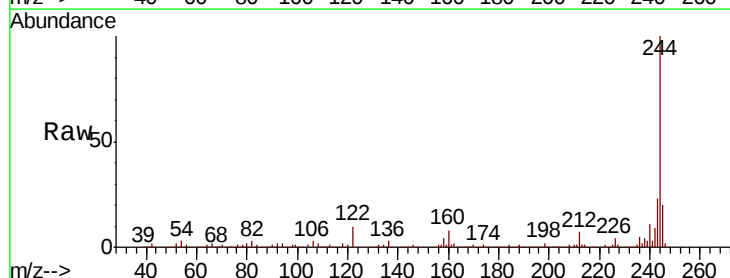
Tgt Ion:244 Resp: 1840034

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

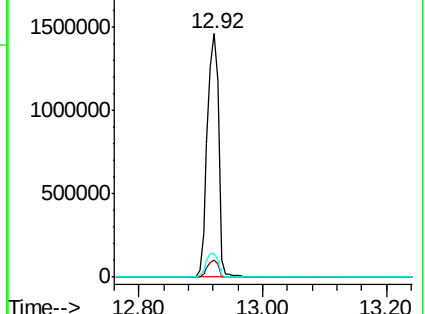
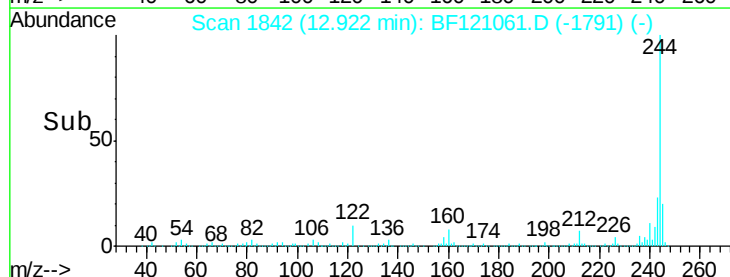
122 9.9 8.9 13.3

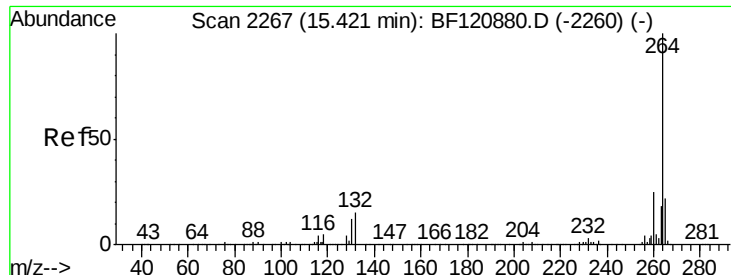


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



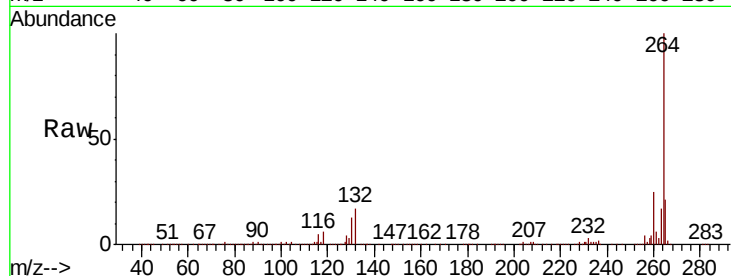


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion: 264 Resp: 623568

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	21.5	17.4	26.2



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

