

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121073.D
 Acq On : 28 Jul 2020 17:06
 Operator : JU/CG
 Sample : L3434-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11936

Quant Time: Jul 28 17:55:57 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

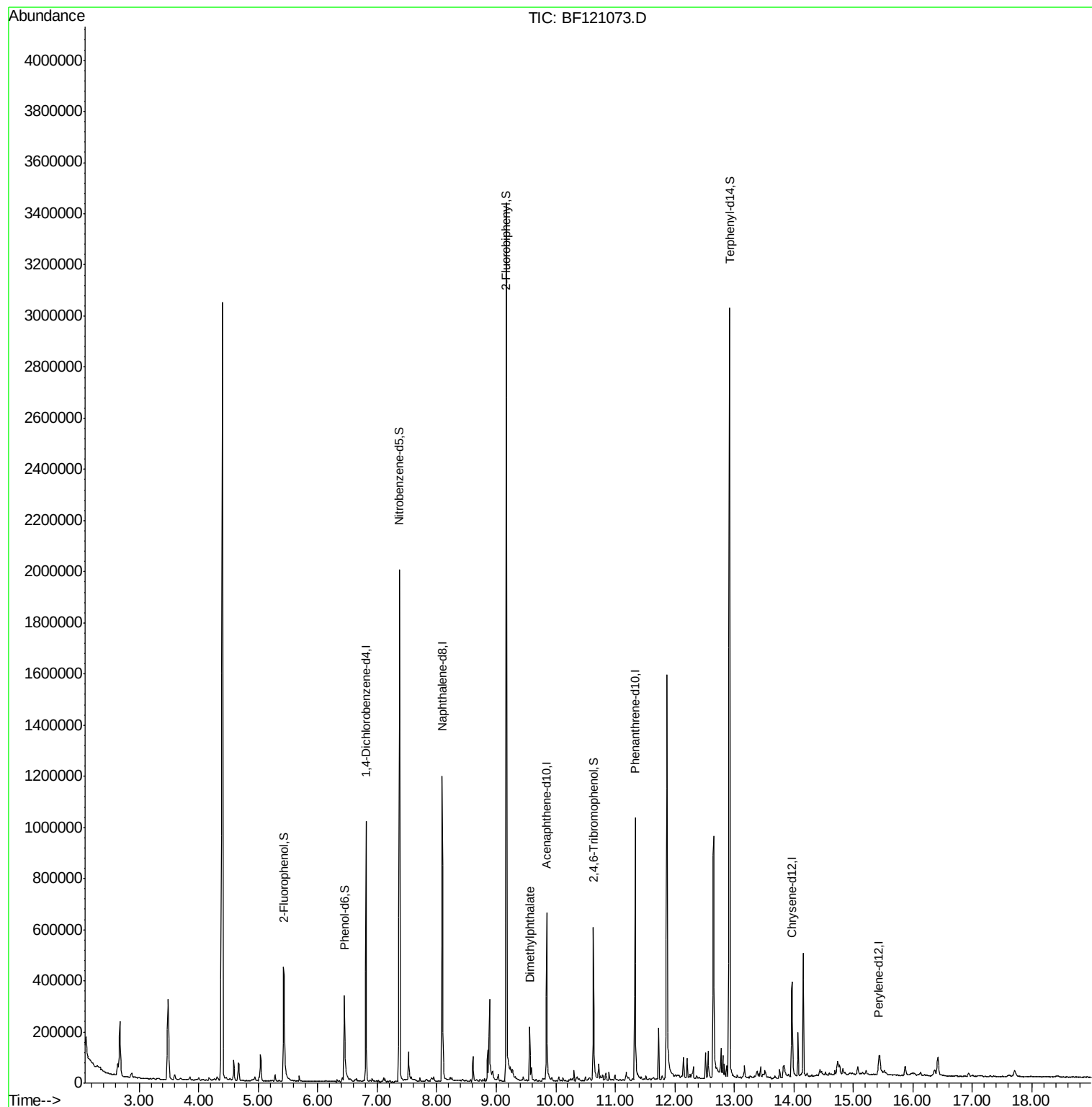
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144802	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	511782	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	109913	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	367488	20.00	ng	0.00
76) Chrysene-d12	13.96	240	102844	20.00	ng	-0.01
86) Perylene-d12	15.42	264	5550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	188281	21.32	ng	0.00
7) Phenol-d6	6.45	99	122735	10.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	635672	71.87	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	85772	71.29	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1290855	175.35	ng	0.00
79) Terphenyl-d14	12.92	244	849417	179.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	97502	12.296	ng	Qvalue 100

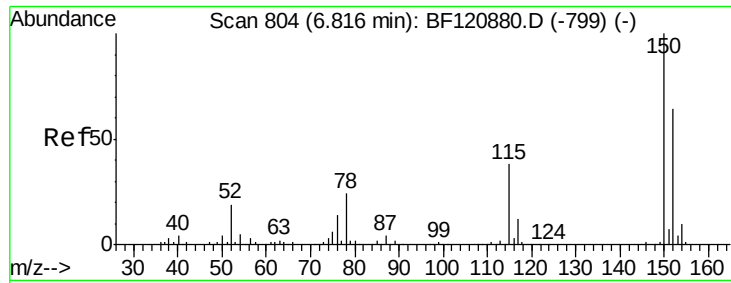
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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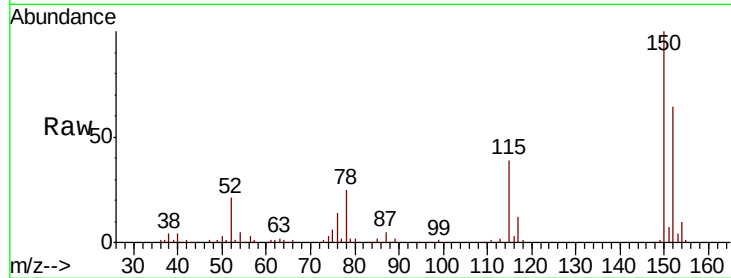


#1

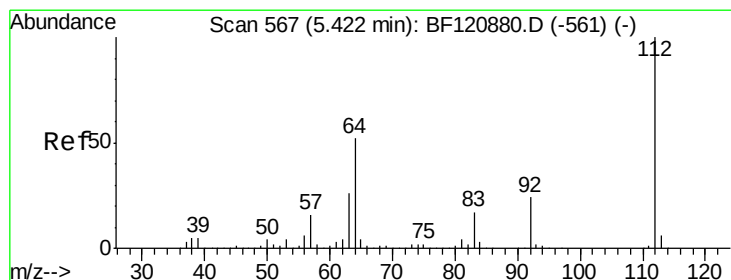
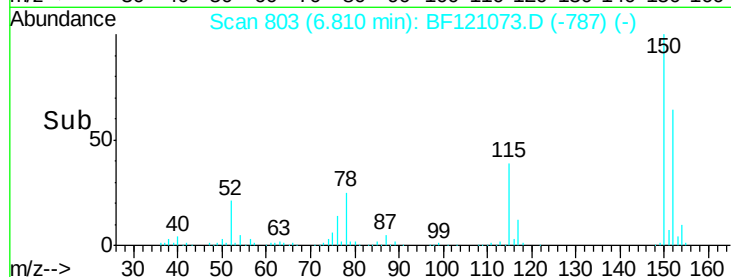
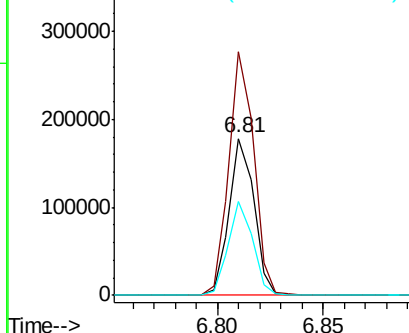
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121073.D
Acq: 28 Jul 2020 17:06

Instrument :
BNA_F
ClientSampleId :
11936

Tot Ion:152 Resp: 144802
Ion Ratio Lower Upper
152 100
150 155.5 125.0 187.6
115 60.2 47.0 70.4



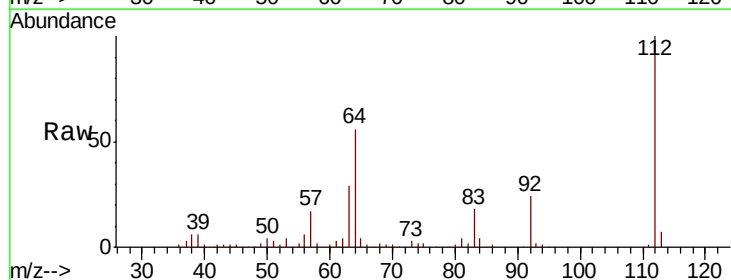
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



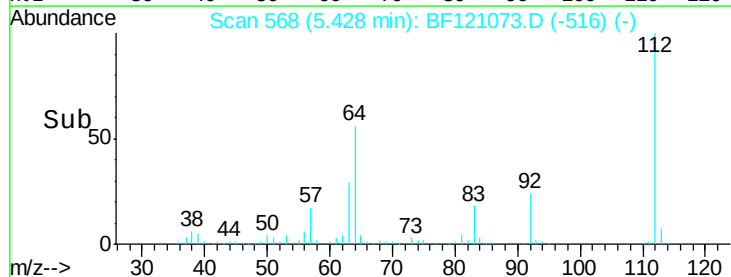
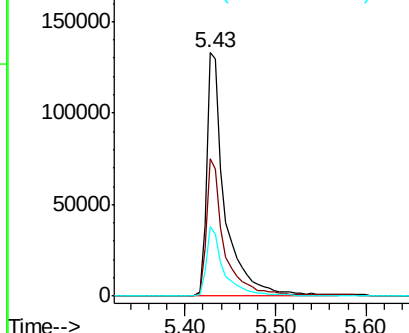
#5

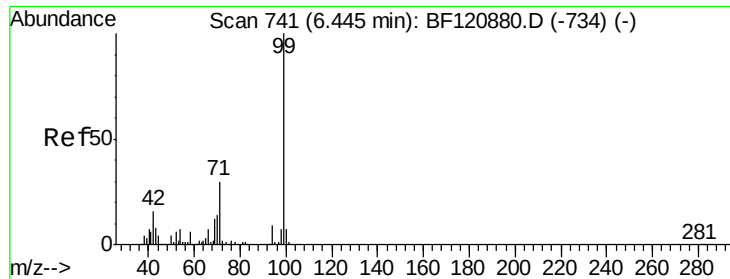
2-Fluorophenol
Concen: 21.316 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121073.D
Acq: 28 Jul 2020 17:06

Tgt Ion:112 Resp: 188281
Ion Ratio Lower Upper
112 100
64 56.3 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: 10.757 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121073.D

Acq: 28 Jul 2020 17:06

Instrument :

BNA_F

ClientSampleId :

11936

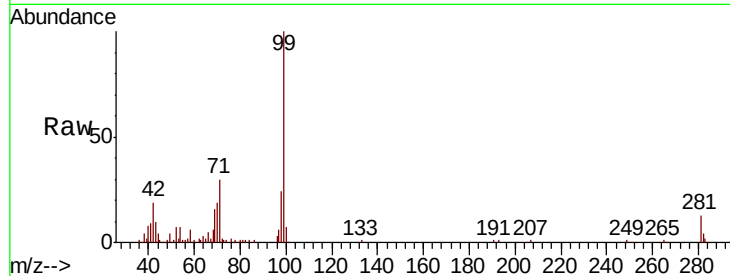
Tot Ion: 99 Resp: 122735

Ion Ratio Lower Upper

99 100

42 19.1 13.1 19.7

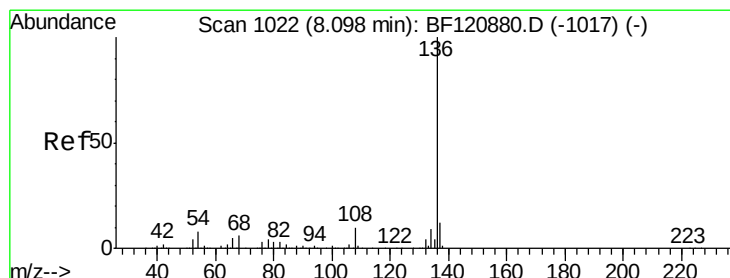
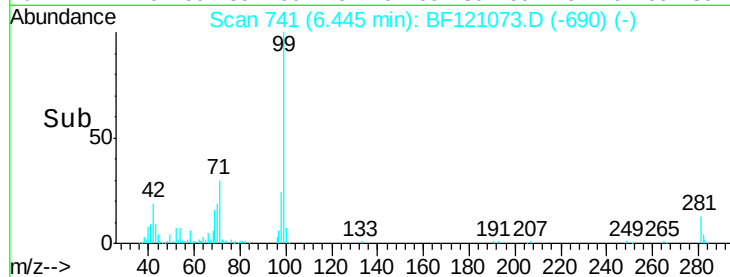
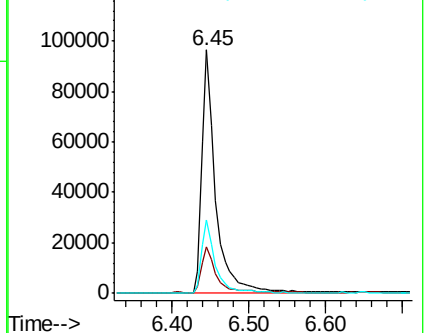
71 30.0 24.2 36.4



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: BF121073.D

Acq: 28 Jul 2020 17:06

Tgt Ion: 136 Resp: 511782

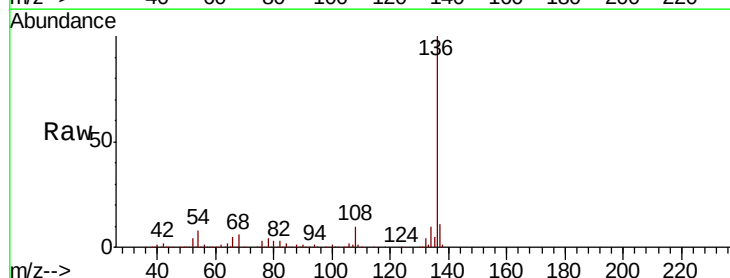
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.7 6.3 9.5

68 6.0 5.0 7.4

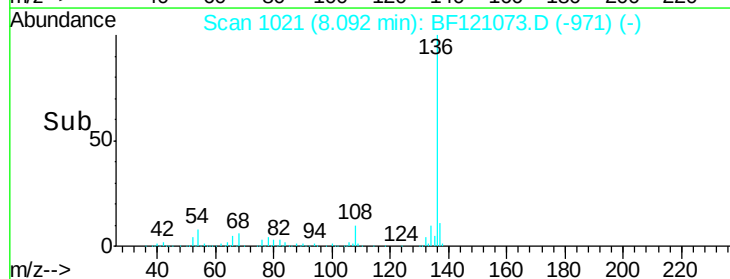
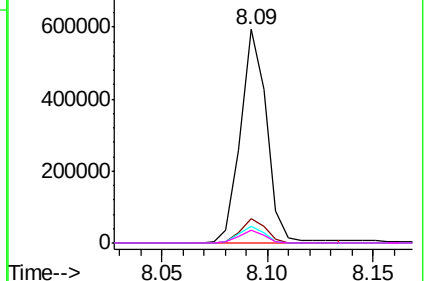


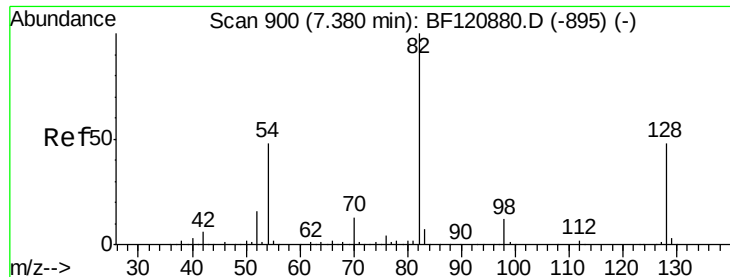
Abundance Ion 136.00 (135.70 to 136.70): E

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

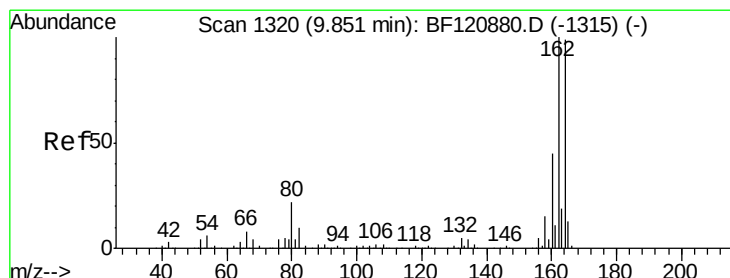
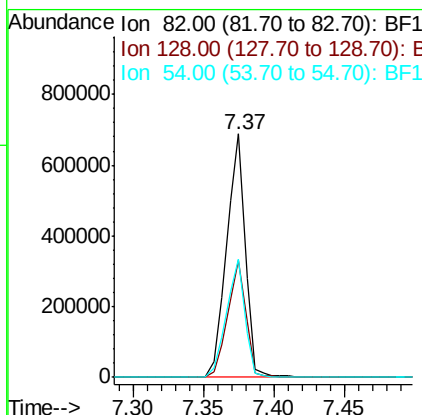
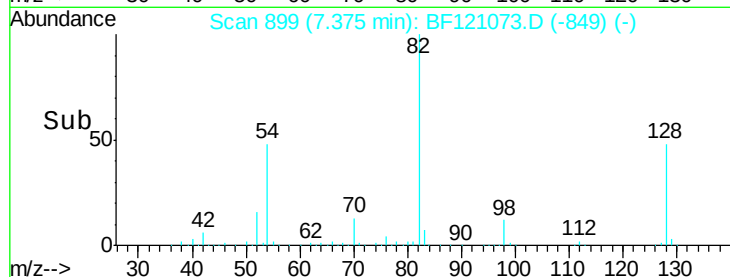
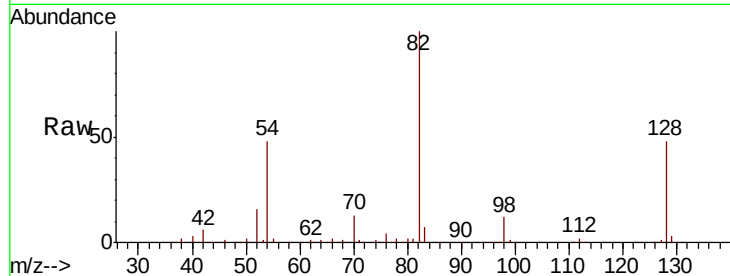




#23
Nitrobenzene-d5
Concen: 71.870 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121073.D
Acq: 28 Jul 2020 17:06

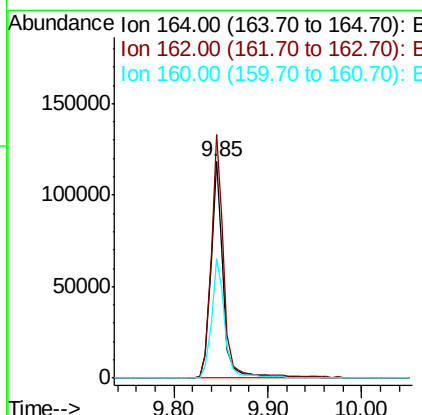
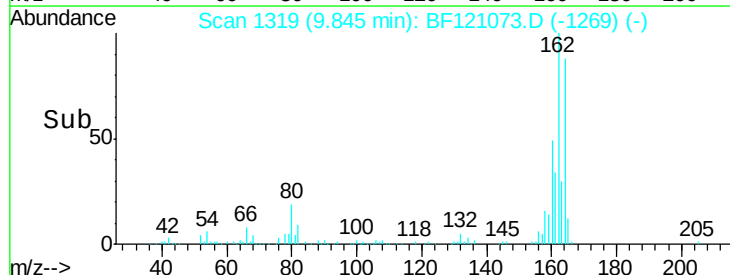
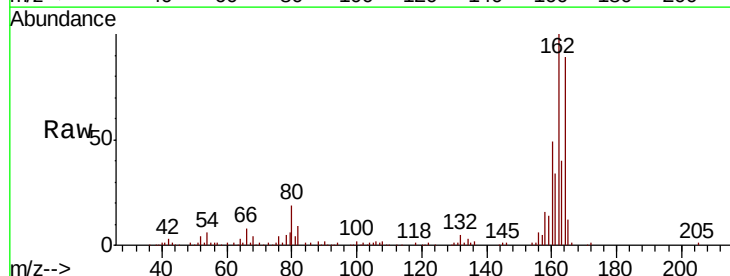
Instrument :
BNA_F
ClientSampled :
11936

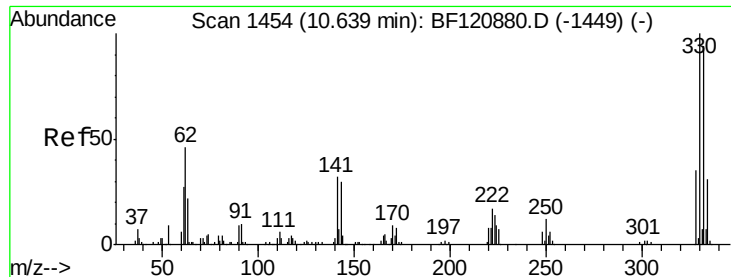
Tot Ion: 82 Resp: 635672
Ion Ratio Lower Upper
82 100
128 47.9 38.2 57.4
54 48.5 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121073.D
Acq: 28 Jul 2020 17:06

Tgt Ion:164 Resp: 109913
Ion Ratio Lower Upper
164 100
162 112.4 81.2 121.8
160 55.0 36.9 55.3

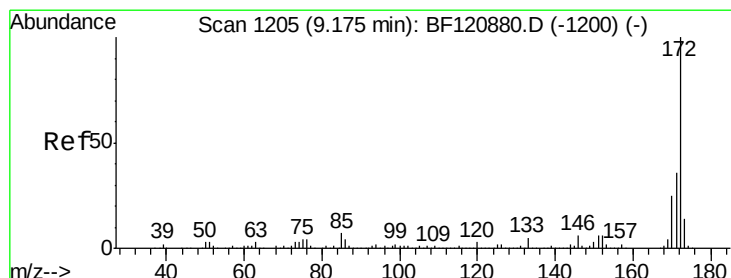
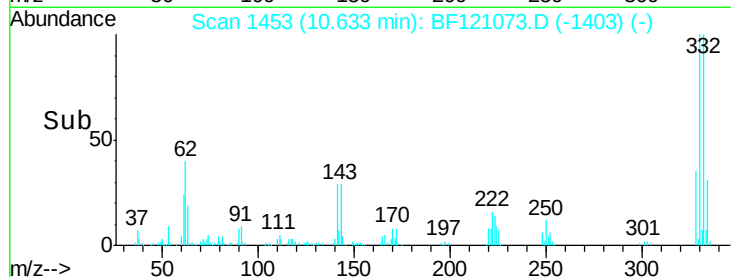
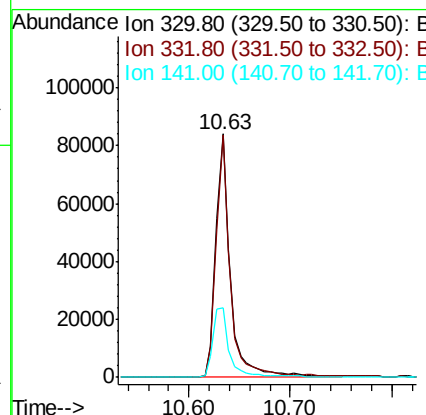
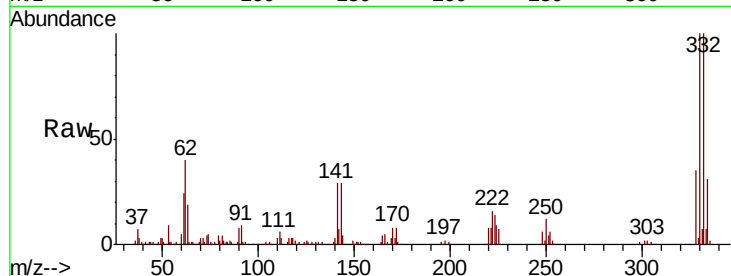




#42
 2,4,6-Tribromophenol
 Concen: 71.292 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF121073.D
 Acq: 28 Jul 2020 17:06

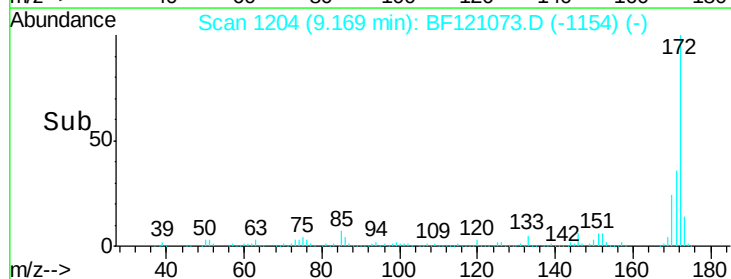
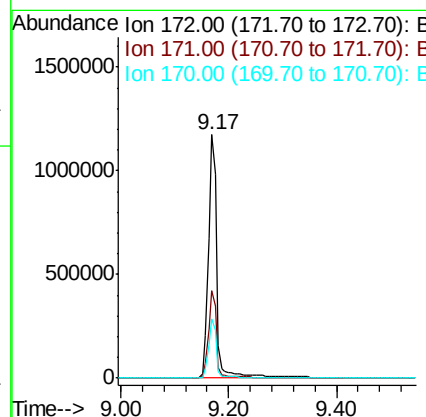
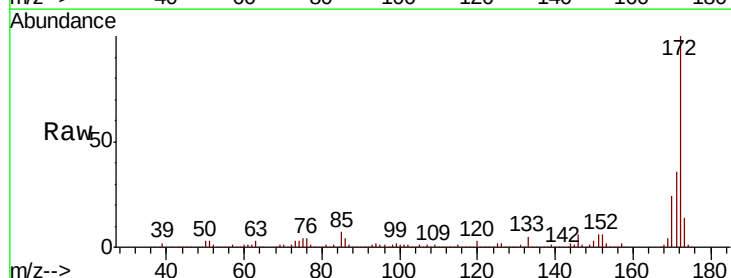
Instrument :
 BNA_F
 ClientSampled :
 11936

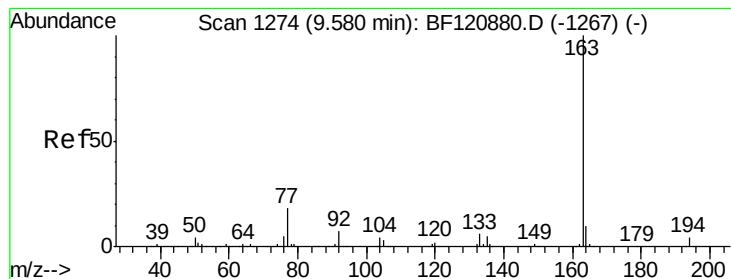
Tot Ion:330 Resp: 85772
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.5 113.3
 141 32.2 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 175.348 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121073.D
 Acq: 28 Jul 2020 17:06

Tgt Ion:172 Resp: 1290855
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.4
 170 24.5 19.6 29.4





#50

Dimethylphthalate

Concen: 12.296 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121073.D

Acq: 28 Jul 2020 17:06

Instrument :

BNA_F

ClientSampleId :

11936

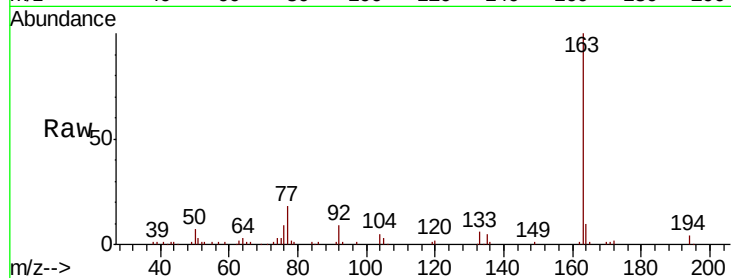
Tot Ion:163 Resp: 97502

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

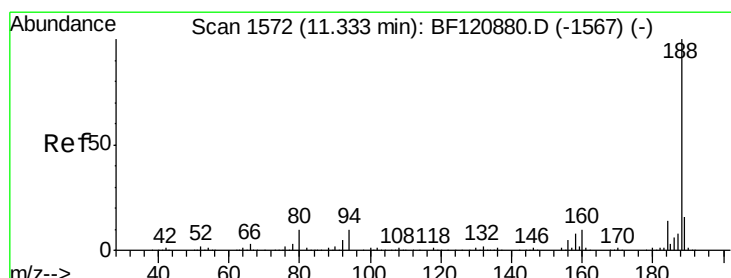
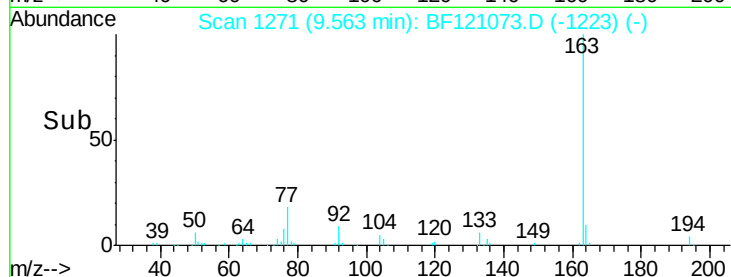
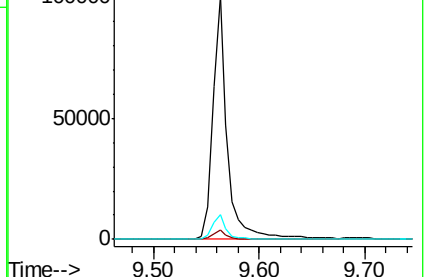
164 9.9 7.9 11.9



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: BF121073.D

Acq: 28 Jul 2020 17:06

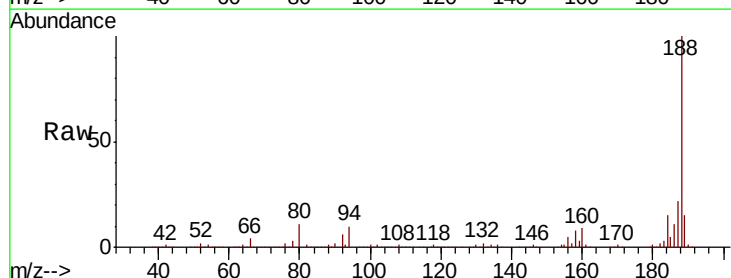
Tgt Ion:188 Resp: 367488

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

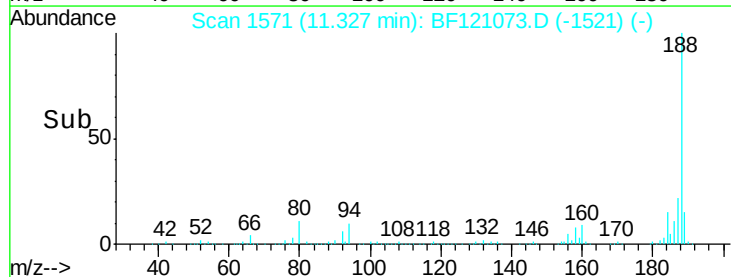
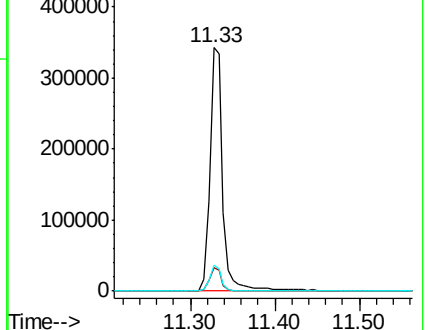
80 10.6 8.3 12.5

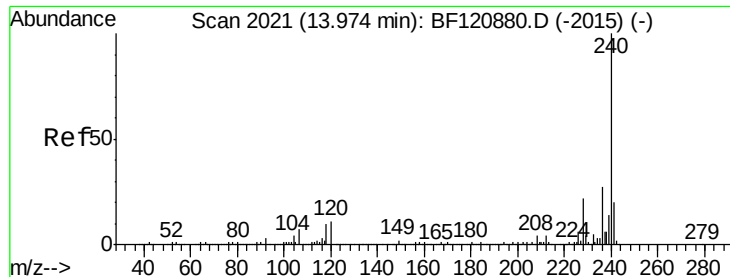


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

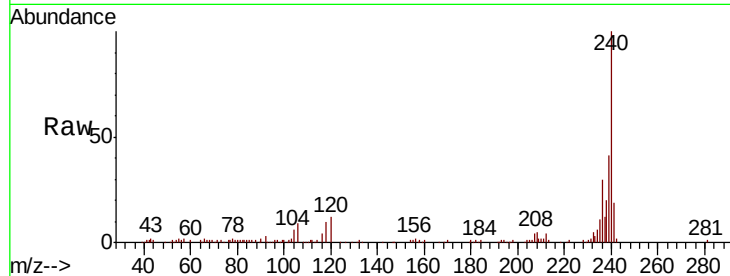




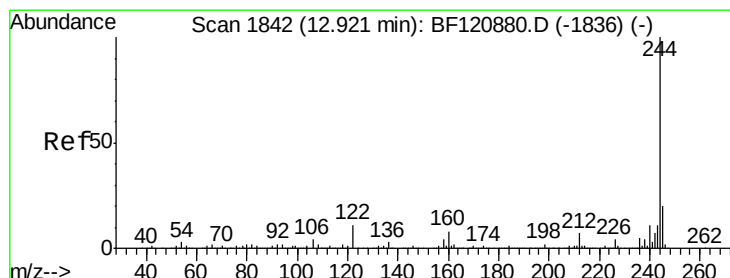
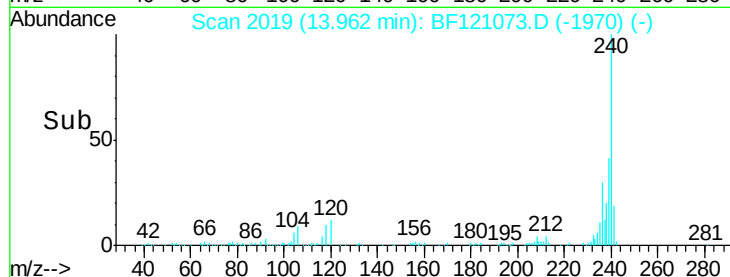
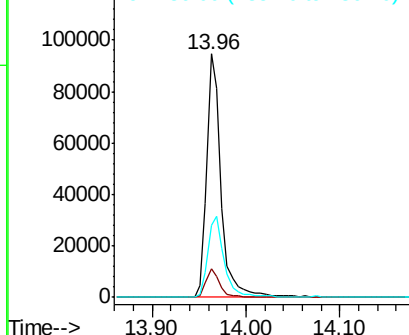
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF121073.D
Acq: 28 Jul 2020 17:06

Instrument :
BNA_F
ClientSampleId :
11936

Tot Ion:240 Resp: 102844
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 29.6 21.7 32.5

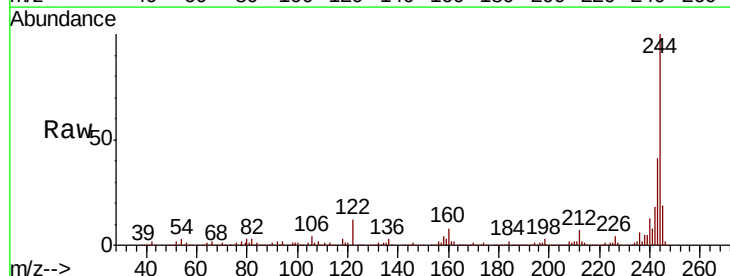


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

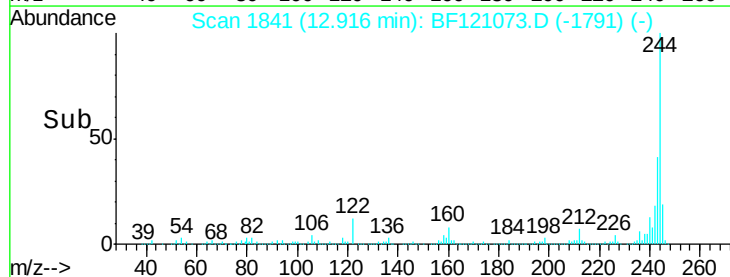
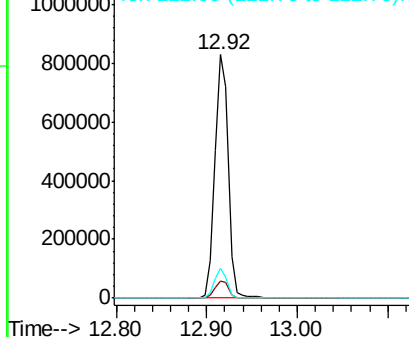


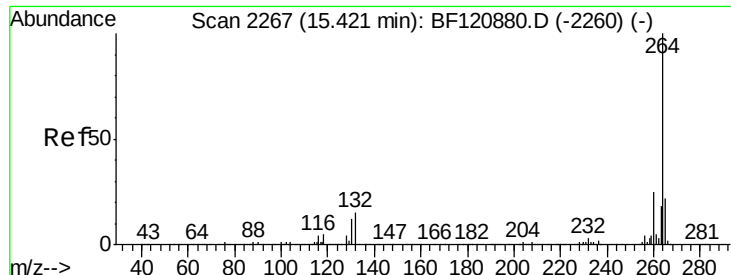
#79
Terphenyl-d14
Concen: 179.539 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF121073.D
Acq: 28 Jul 2020 17:06

Tgt Ion:244 Resp: 849417
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 12.0 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: BF121073.D
 Acq: 28 Jul 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 11936

Tot Ion	Ratio	Lower	Upper
264	100		
260	52.1	20.0	30.0#
265	30.0	17.4	26.2#

