

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121003.D
 Acq On : 24 Jul 2020 15:16
 Operator : JU/CG
 Sample : L3381-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 359-GRID-A1-A3

Quant Time: Jul 24 16:27:22 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

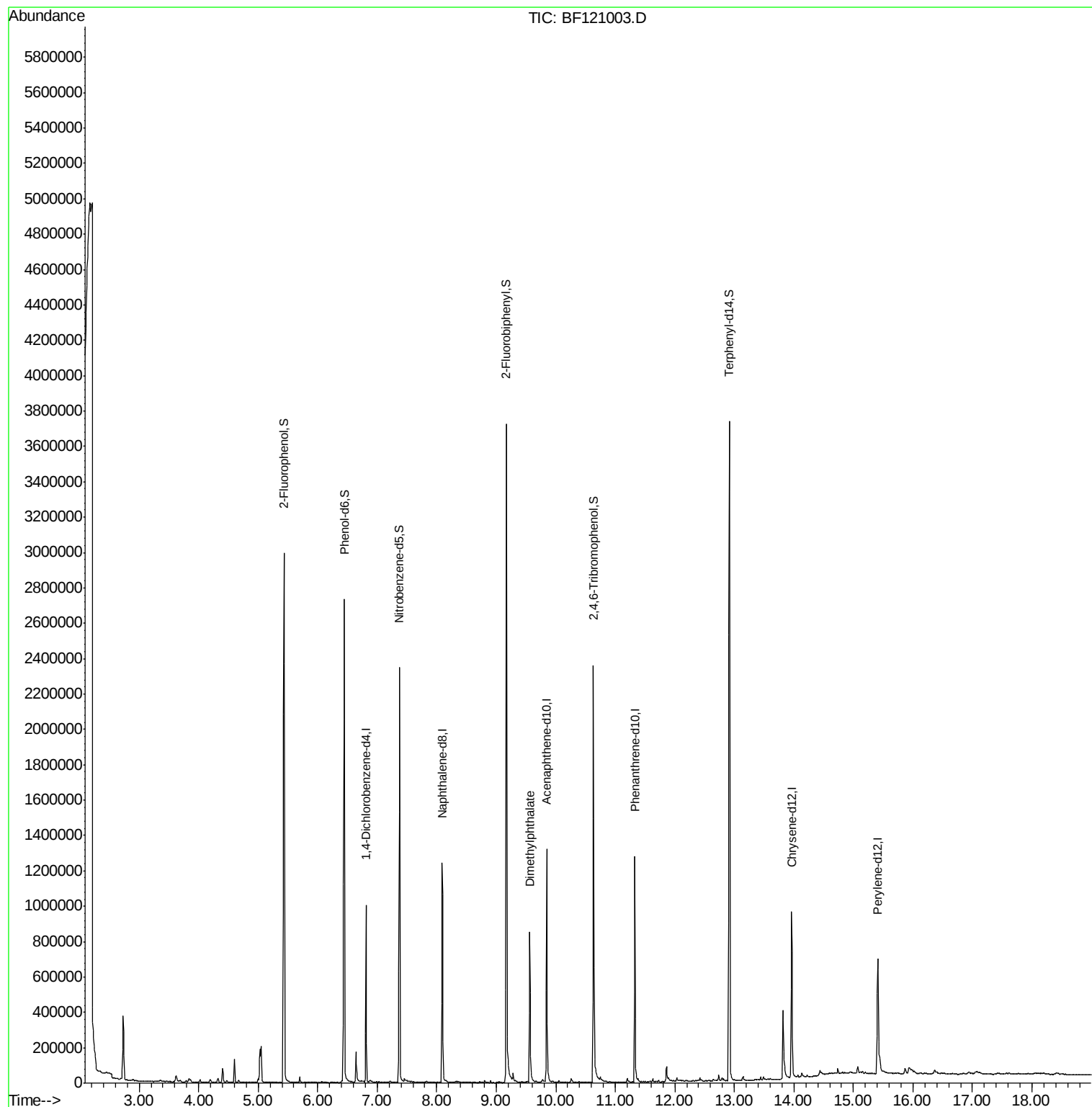
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	153889	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	555211	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	297481	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	534150	20.00	ng	0.00
76) Chrysene-d12	13.96	240	350234	20.00	ng	-0.01
86) Perylene-d12	15.41	264	384346	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	986907	105.13	ng	0.01
7) Phenol-d6	6.45	99	1057615	87.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	821009	85.56	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	394088	121.03	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1486936	74.63	ng	0.00
79) Terphenyl-d14	12.92	244	1369521	85.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	369554	17.219	ng	Qvalue 99

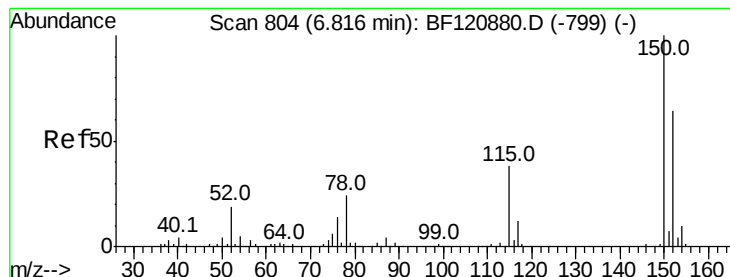
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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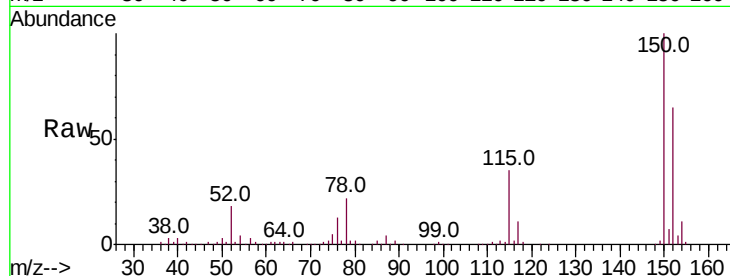


#1

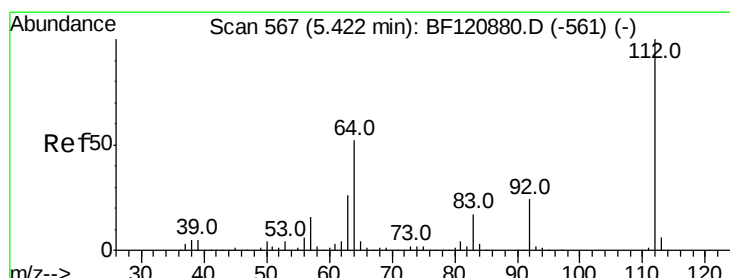
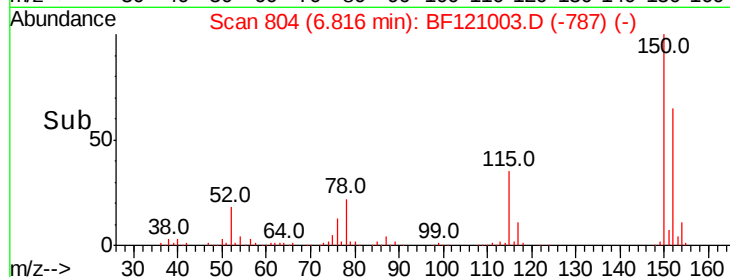
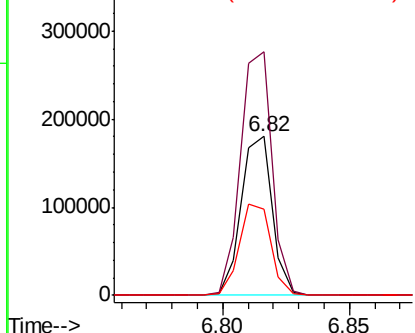
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121003.D
Acq: 24 Jul 2020 15:16

Instrument :
BNA_F
ClientSampleId :
359-GRID-A1-A3

Tot Ion:152 Resp: 153889
Ion Ratio Lower Upper
152 100
150 153.0 125.0 187.6
115 54.2 47.0 70.4



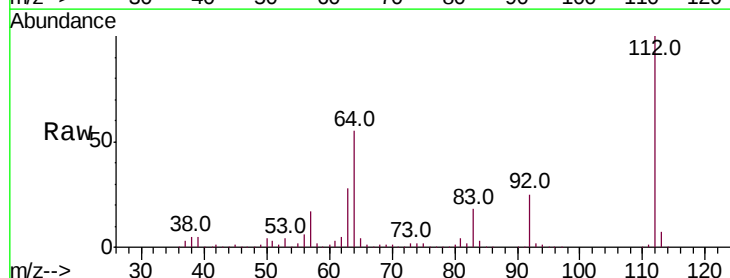
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



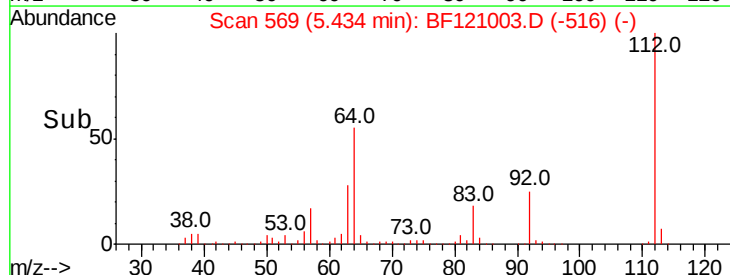
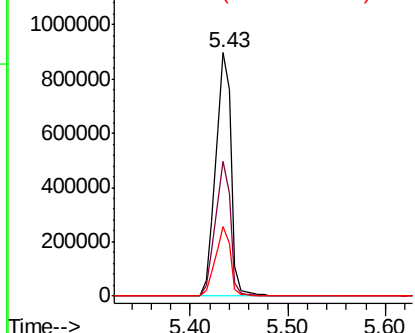
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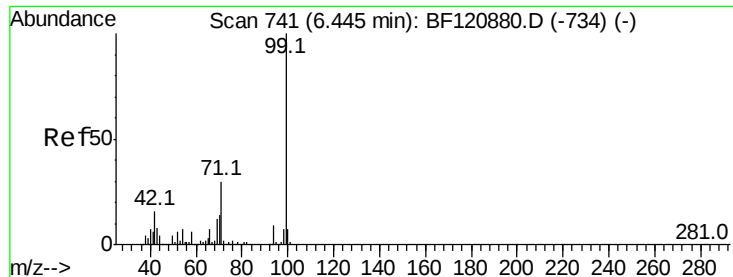
2-Fluorophenol
Concen: 105.134 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121003.D
Acq: 24 Jul 2020 15:16

Tgt Ion:112 Resp: 986907
Ion Ratio Lower Upper
112 100
64 55.2 41.3 61.9
63 28.4 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: 87.220 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121003.D

Acq: 24 Jul 2020 15:16

Instrument :

BNA_F

ClientSampleId :

359-GRID-A1-A3

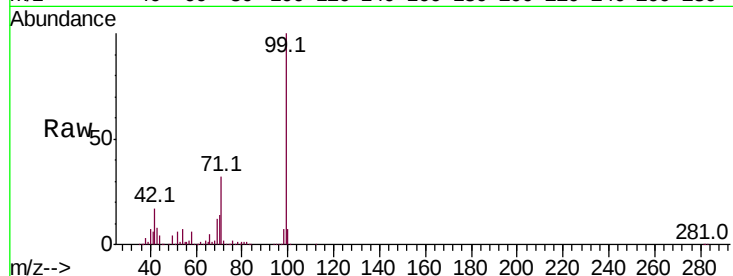
Tot Ion: 99 Resp: 1057615

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

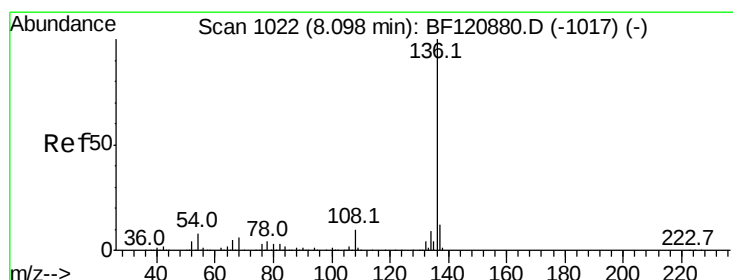
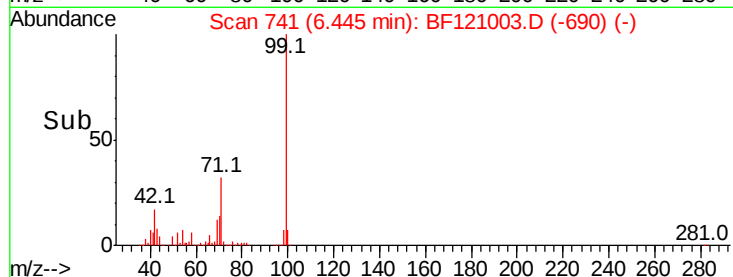
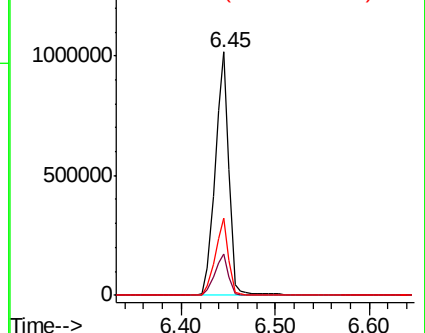
71 31.8 24.2 36.4



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: BF121003.D

Acq: 24 Jul 2020 15:16

Tgt Ion: 136 Resp: 555211

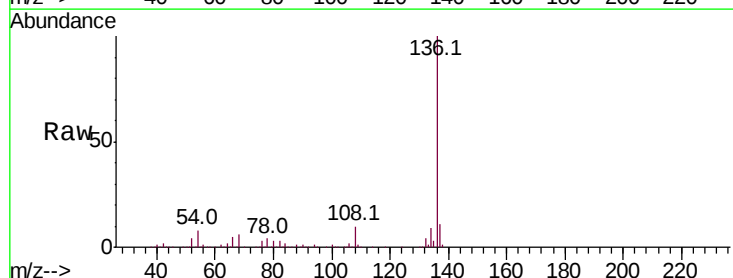
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.6 6.3 9.5

68 6.5 5.0 7.4

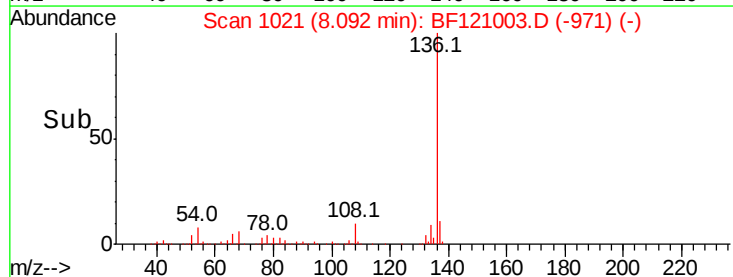
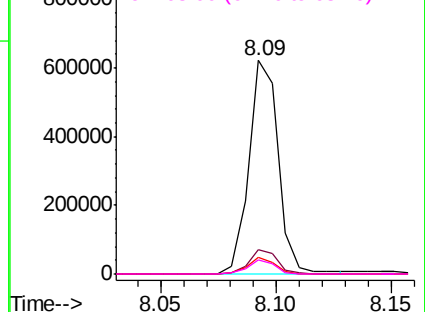


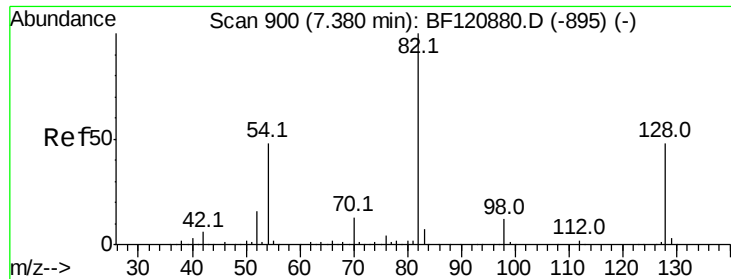
Abundance Ion 136.00 (135.70 to 136.70): E

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

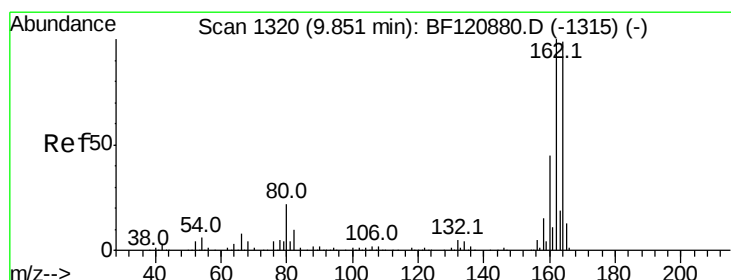
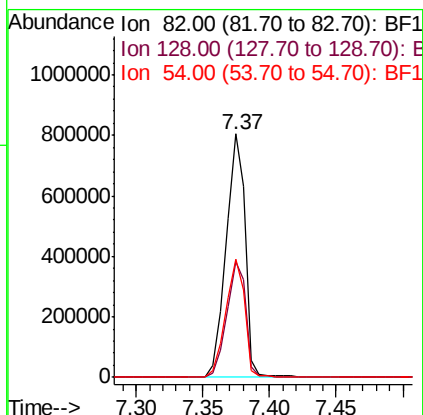
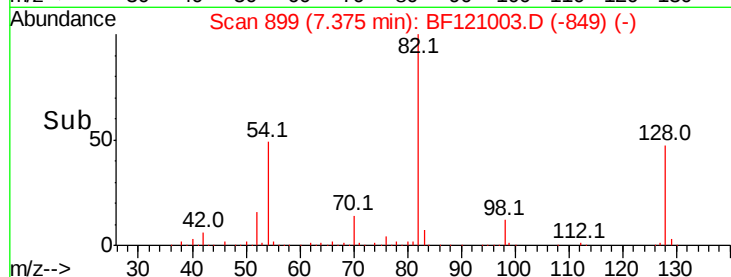
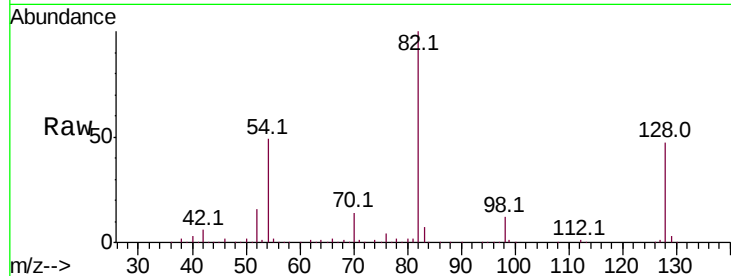




#23
Nitrobenzene-d5
Concen: 85.564 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121003.D
Acq: 24 Jul 2020 15:16

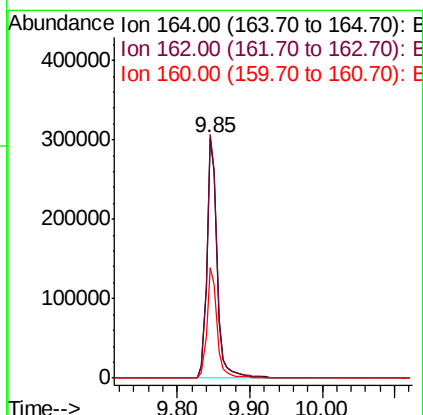
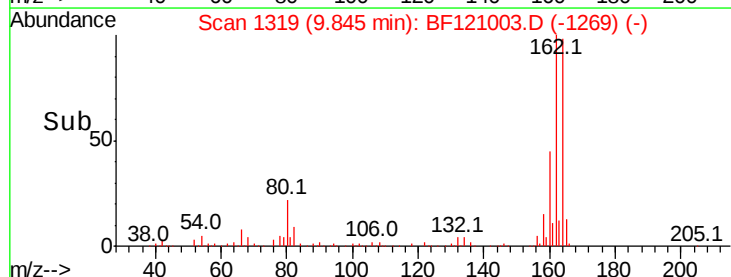
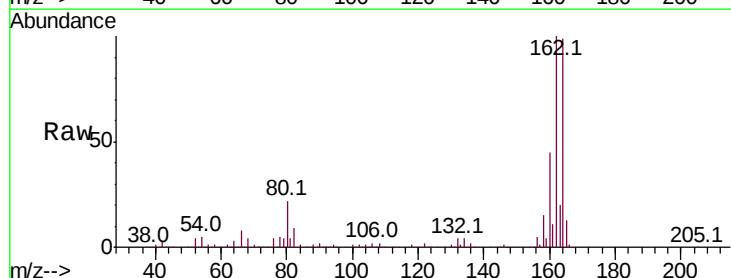
Instrument :
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359-GRID-A1-A3

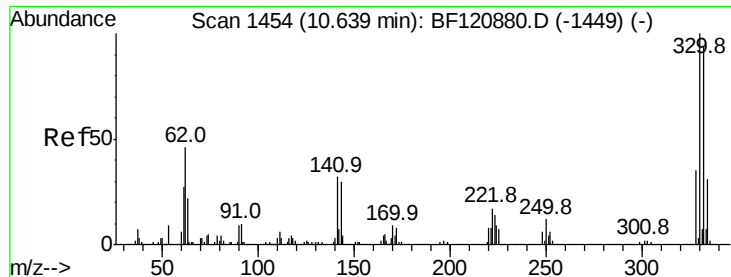
Tot Ion: 82 Resp: 821009
Ion Ratio Lower Upper
82 100
128 47.5 38.2 57.4
54 48.7 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121003.D
Acq: 24 Jul 2020 15:16

Tgt Ion:164 Resp: 297481
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 45.8 36.9 55.3

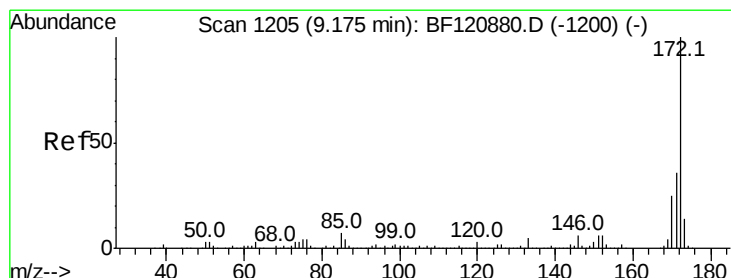
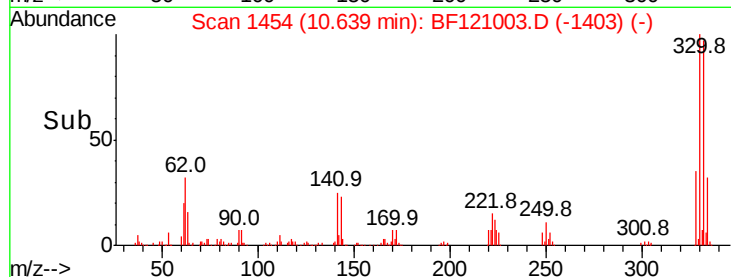
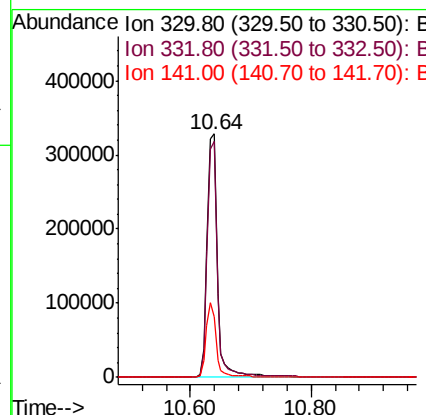
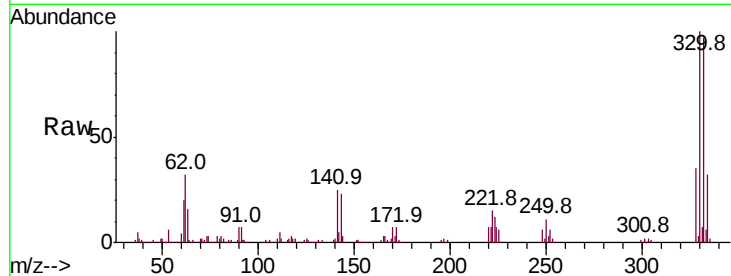




#42
 2,4,6-Tribromophenol
 Concen: 121.026 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121003.D
 Acq: 24 Jul 2020 15:16

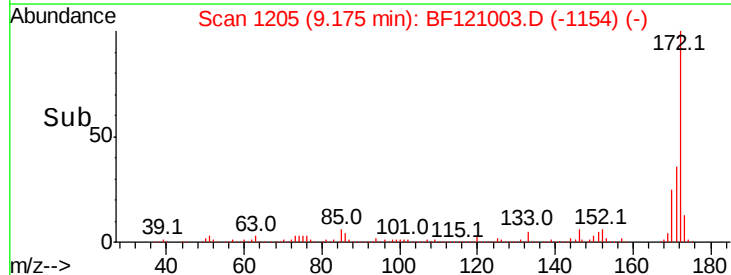
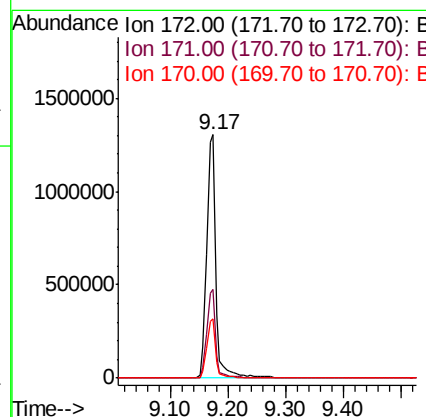
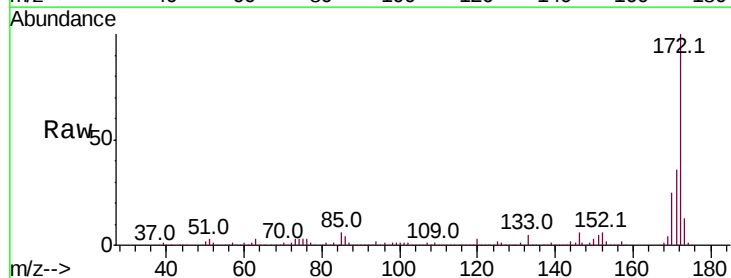
Instrument :
 BNA_F
 ClientSampleId :
 359-GRID-A1-A3

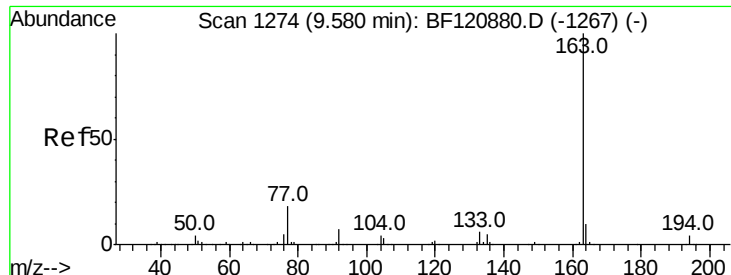
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.5	113.3
141	30.0	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 74.629 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121003.D
 Acq: 24 Jul 2020 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.5	19.6	29.4

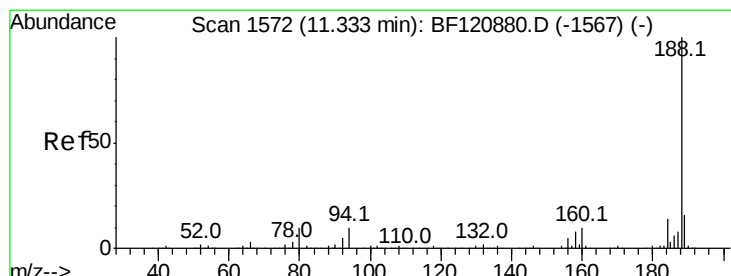
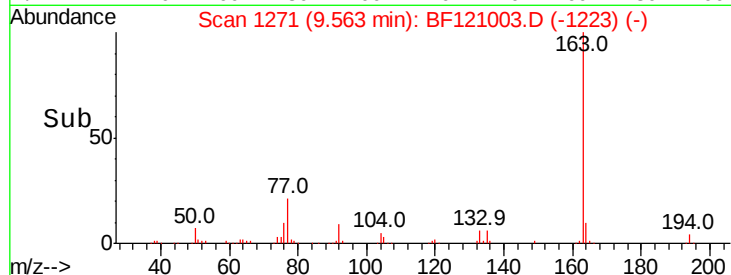
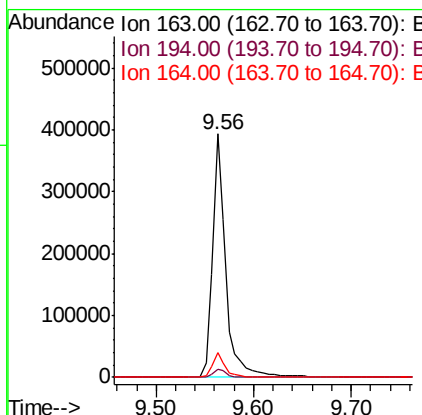
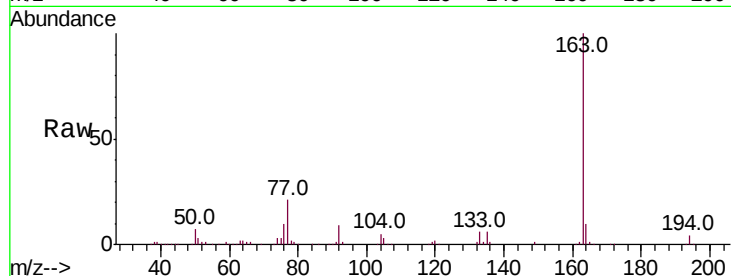




#50
Dimethylphthalate
Concen: 17.219 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121003.D
Acq: 24 Jul 2020 15:16

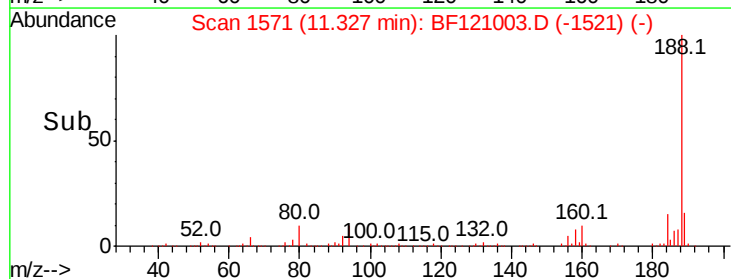
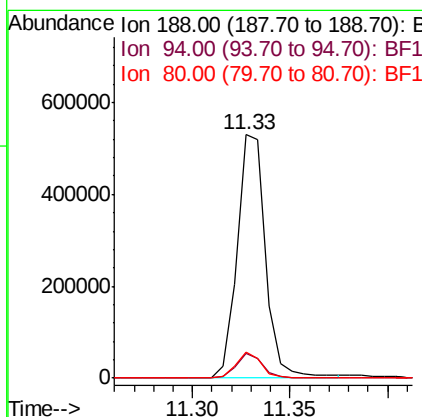
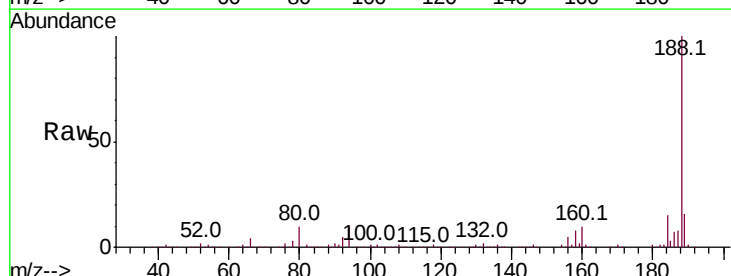
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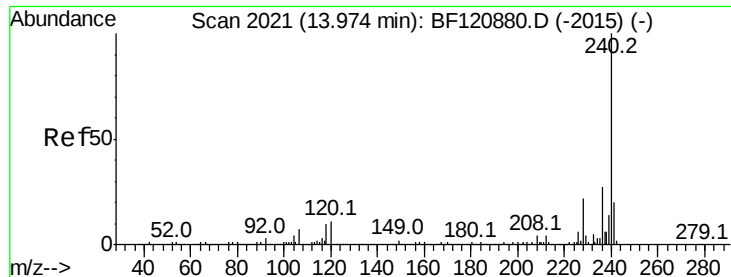
Tot Ion:163 Resp: 369554
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.3 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121003.D
Acq: 24 Jul 2020 15:16

Tgt Ion:188 Resp: 534150
Ion Ratio Lower Upper
188 100
94 10.1 8.0 12.0
80 10.5 8.3 12.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF121003.D

Acq: 24 Jul 2020 15:16

Instrument :

BNA_F

ClientSampleId :

359-GRID-A1-A3

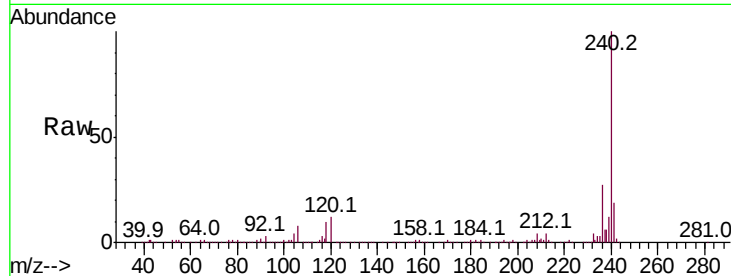
Tot Ion:240 Resp: 350234

Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.4

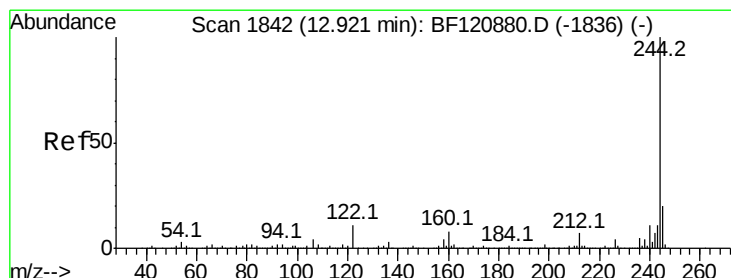
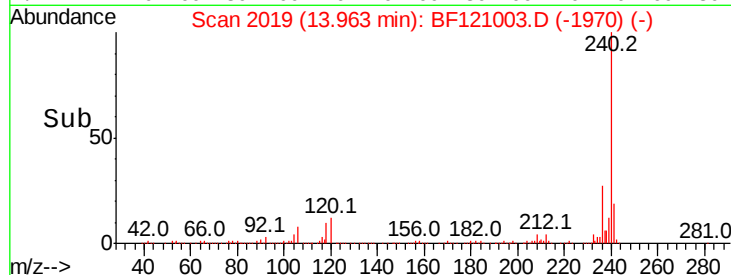
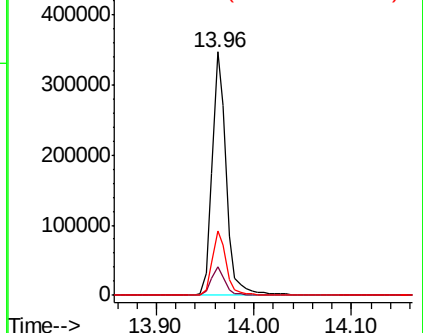
236 26.6 21.7 32.5



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: 85.001 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF121003.D

Acq: 24 Jul 2020 15:16

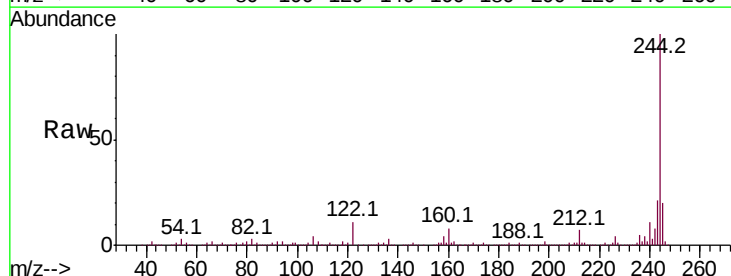
Tgt Ion:244 Resp: 1369521

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

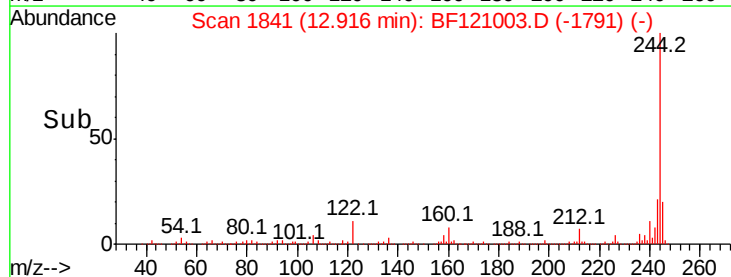
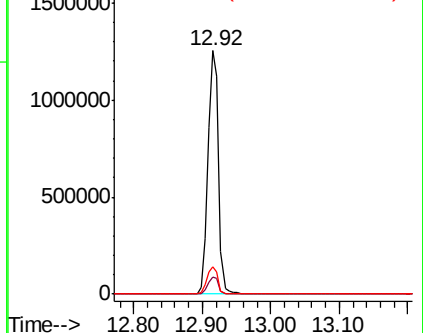
122 11.4 8.9 13.3

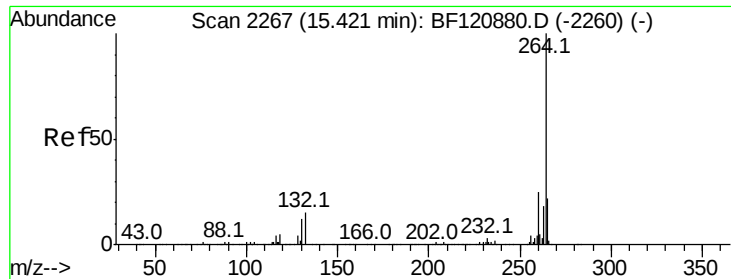


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF121003.D
 Acq: 24 Jul 2020 15:16

Instrument :
 BNA_F
 ClientSampleId :
 359-GRID-A1-A3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	21.2	17.4	26.2

