

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121222.D
 Acq On : 7 Aug 2020 1:13
 Operator : JU/CG
 Sample : L3555-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-23729

Quant Time: Aug 07 05:39:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132062	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	512881	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	225482	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	239133	20.00	ng	0.02
76) Chrysene-d12	13.97	240	330597	20.00	ng	0.01
86) Perylene-d12	15.42	264	317182	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	124616	15.47	ng	-0.01
7) Phenol-d6	6.43	99	154761	14.87	ng	-0.01
23) Nitrobenzene-d5	7.36	82	93961	10.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	33171	13.44	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	207210	13.72	ng	0.00
79) Terphenyl-d14	12.92	244	129899	8.54	ng	0.01

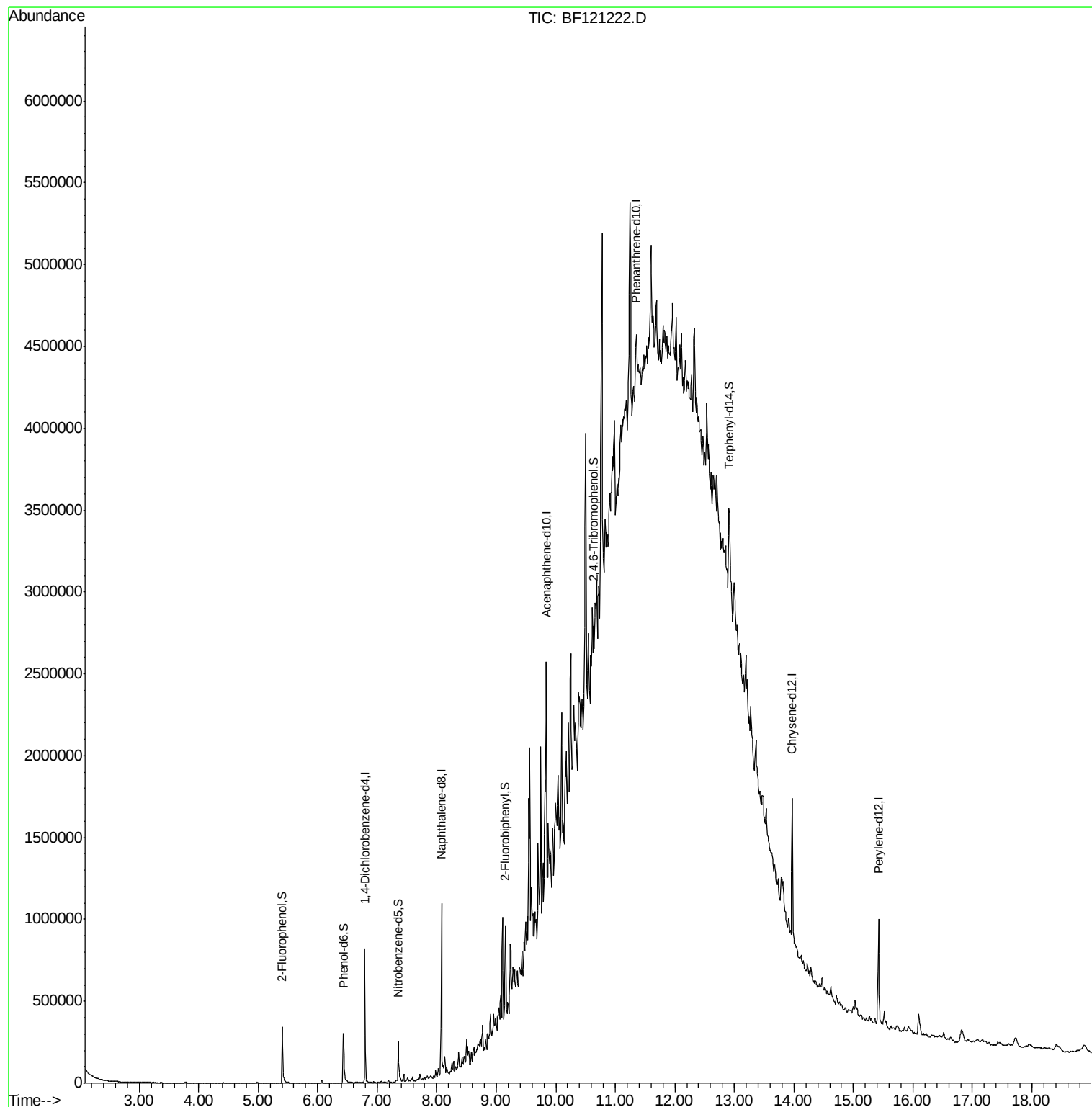
Target Compounds Qvalue

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121222.D

Acq: 7 Aug 2020 1:13

Instrument :

BNA_F

ClientSampleId :

N-23729

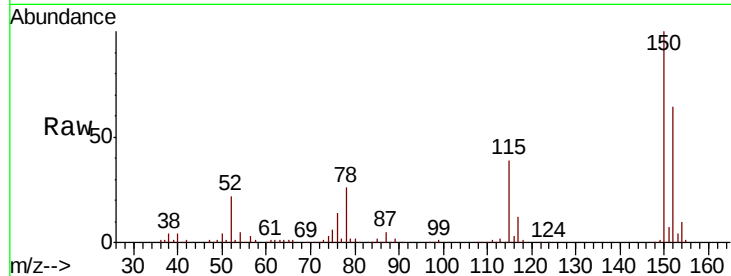
Tot Ion:152 Resp: 132062

Ion Ratio Lower Upper

152 100

150 157.0 125.6 188.4

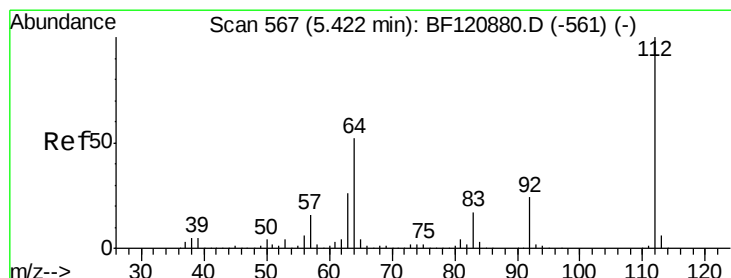
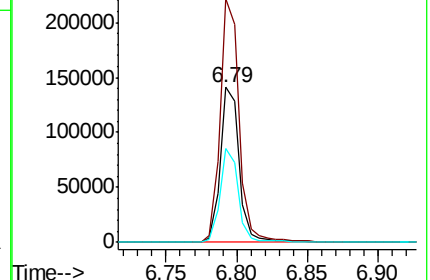
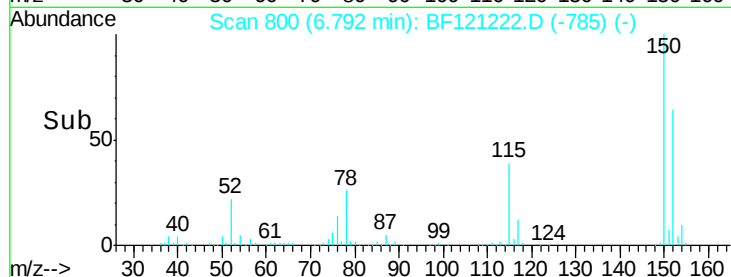
115 60.7 46.2 69.2



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: 15.469 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF121222.D

Acq: 7 Aug 2020 1:13

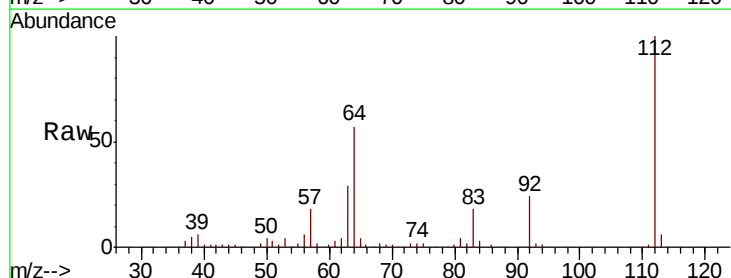
Tgt Ion:112 Resp: 124616

Ion Ratio Lower Upper

112 100

64 57.1 43.9 65.9

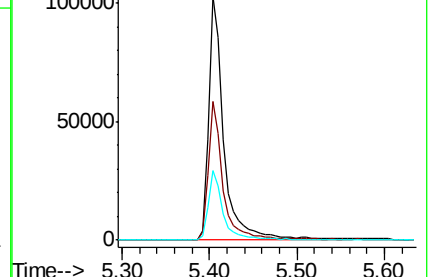
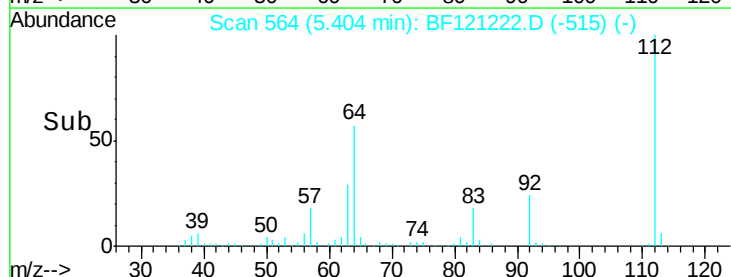
63 28.6 22.7 34.1

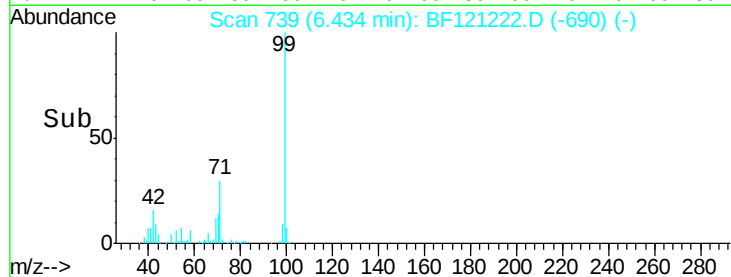
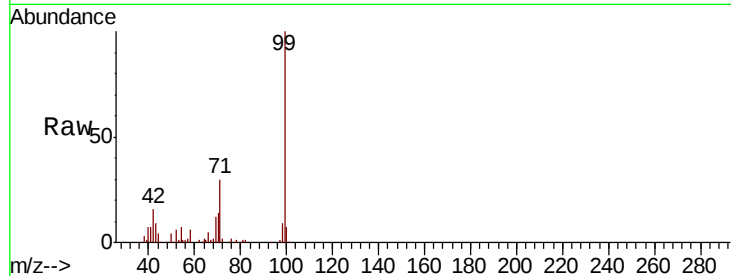


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 14.872 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121222.D

Acq: 7 Aug 2020 1:13

Instrument :

BNA_F

ClientSampleId :

N-23729

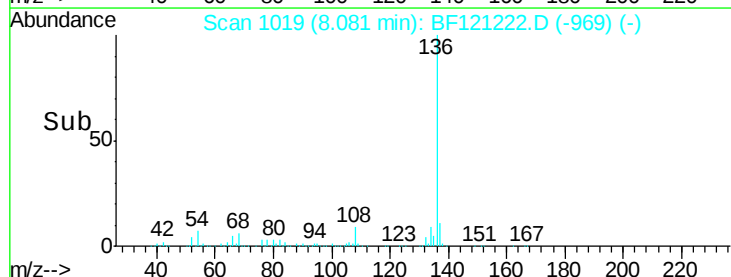
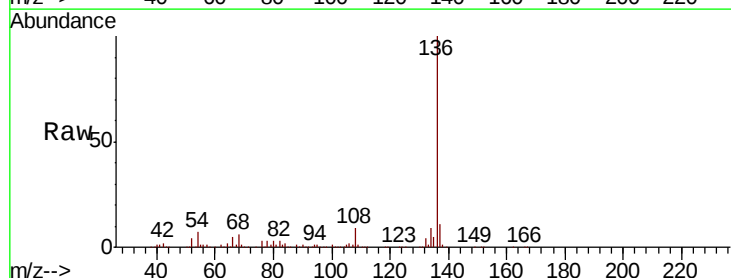
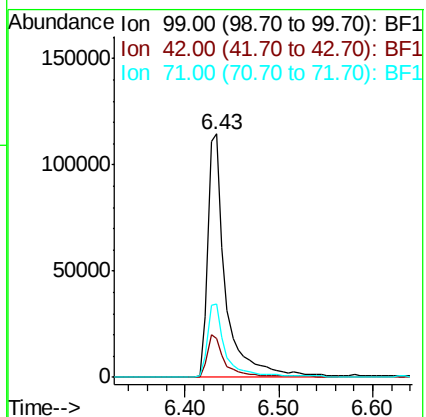
Tot Ion: 99 Resp: 154761

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 30.4 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121222.D

Acq: 7 Aug 2020 1:13

Tgt Ion: 136 Resp: 512881

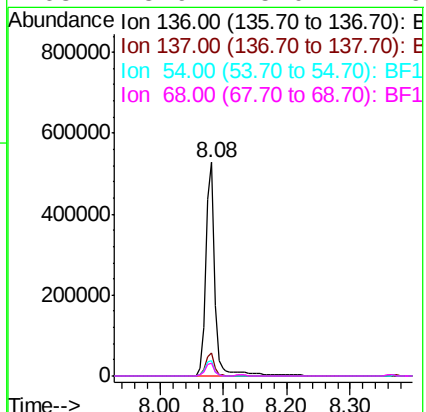
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.9 6.1 9.1

68 5.9 5.0 7.6

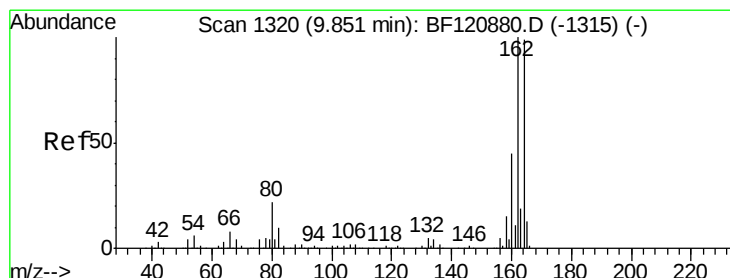
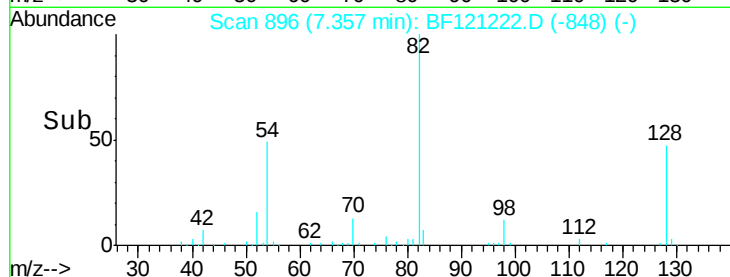
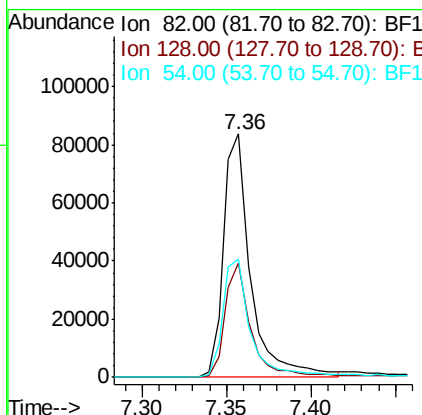
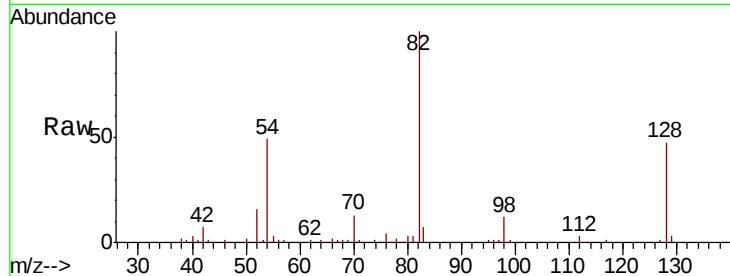




#23
 Nitrobenzene-d5
 Concen: 10.601 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121222.D
 Acq: 7 Aug 2020 1:13

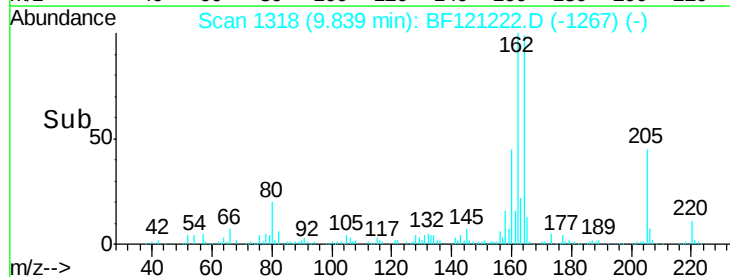
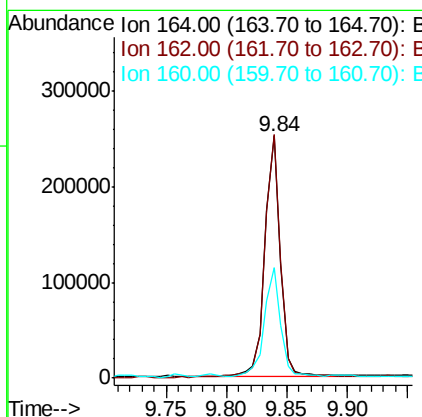
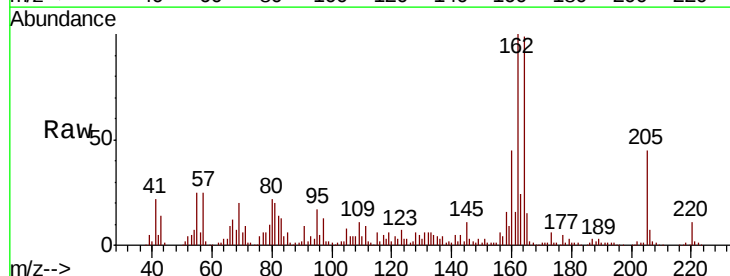
Instrument :
 BNA_F
 ClientSampleId :
 N-23729

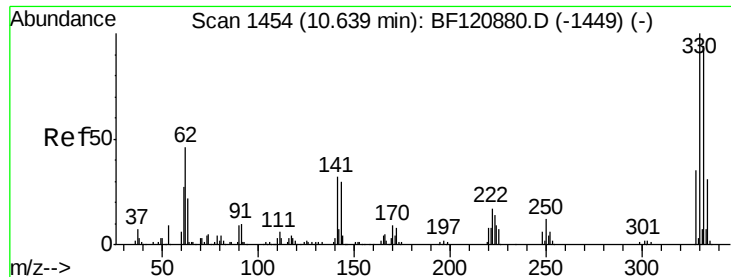
Tot Ion	82.00	Resp	93961
Ion Ratio	Lower	Upper	
82	100		
128	47.1	39.2	58.8
54	48.7	37.8	56.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF121222.D
 Acq: 7 Aug 2020 1:13

Tgt Ion	164.00	Resp	225482
Ion Ratio	Lower	Upper	
164	100		
162	100.5	82.2	123.2
160	45.7	37.2	55.8

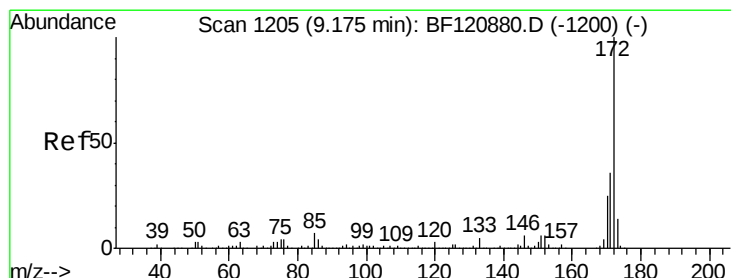
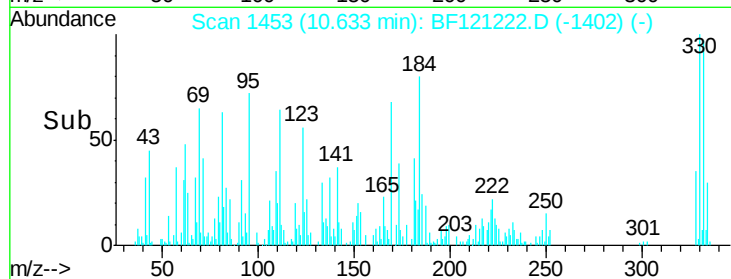
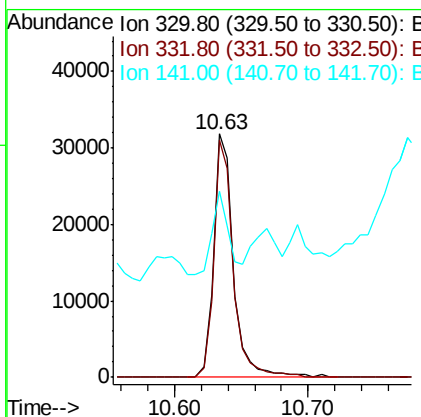
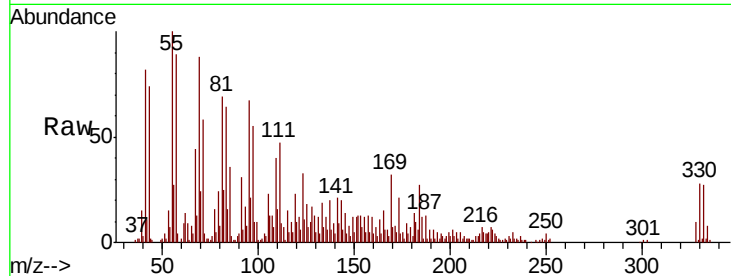




#42
 2,4,6-Tribromophenol
 Concen: 13.440 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF121222.D
 Acq: 7 Aug 2020 1:13

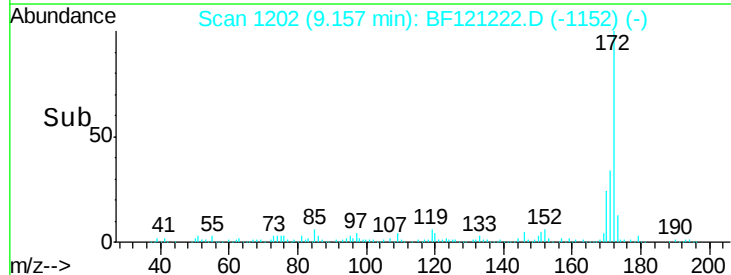
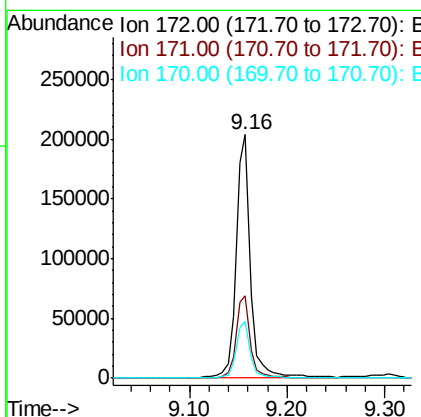
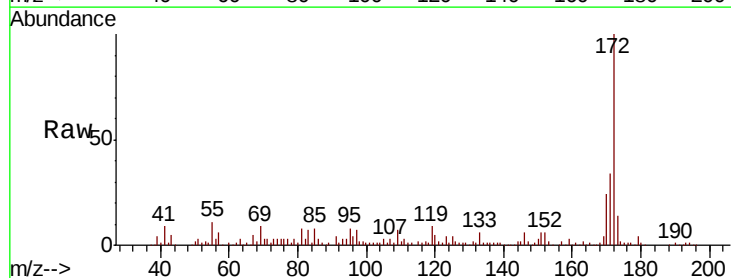
Instrument :
 BNA_F
 ClientSampleId :
 N-23729

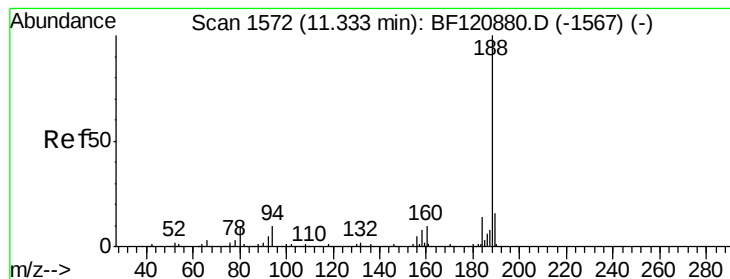
Tot Ion:330 Resp: 33171
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.1 114.1
 141 28.4 24.1 36.1



#45
 2-Fluorobiphenyl
 Concen: 13.721 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121222.D
 Acq: 7 Aug 2020 1:13

Tgt Ion:172 Resp: 207210
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.0 43.4
 170 23.5 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.02 min

Lab File: BF121222.D

Acq: 7 Aug 2020 1:13

Instrument :

BNA_F

ClientSampleId :

N-23729

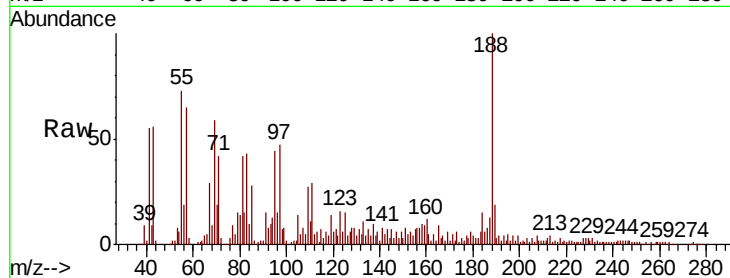
Tot Ion:188 Resp: 239133

Ion Ratio Lower Upper

188 100

94 13.1 8.0 12.0#

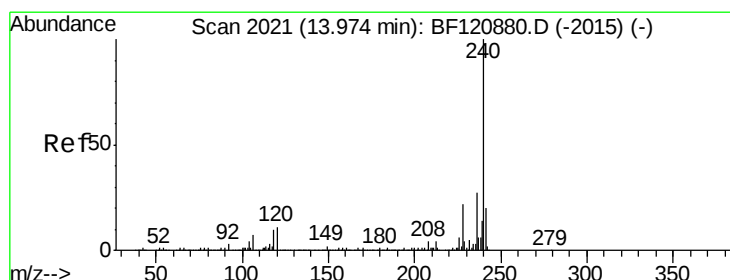
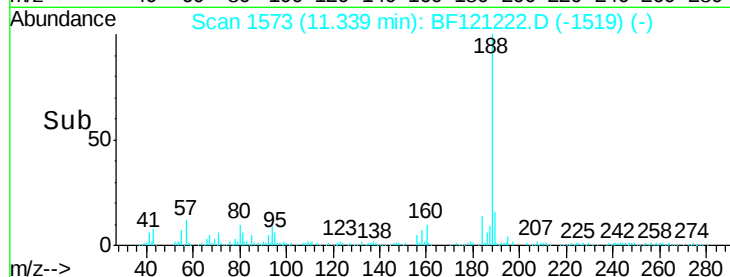
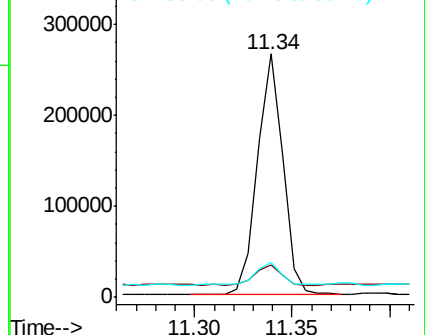
80 14.1 8.3 12.5#



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# 2021

Delta R.T. 0.01 min

Lab File: BF121222.D

Acq: 7 Aug 2020 1:13

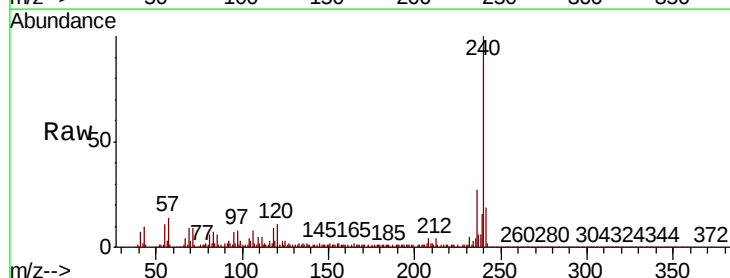
Tgt Ion:240 Resp: 330597

Ion Ratio Lower Upper

240 100

120 11.4 9.3 13.9

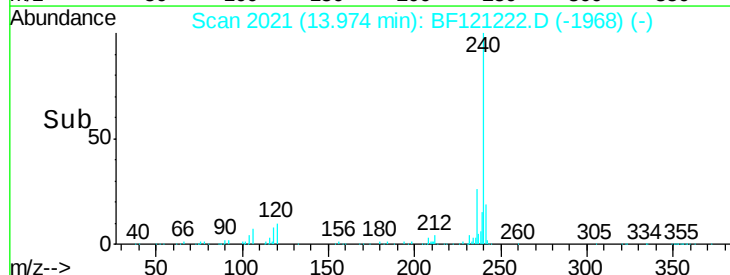
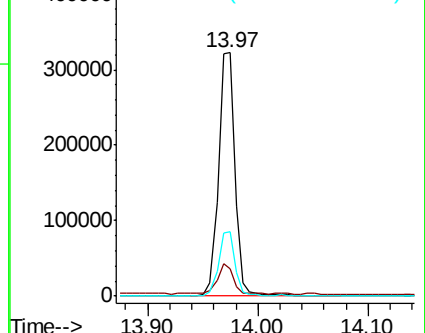
236 26.7 21.1 31.7

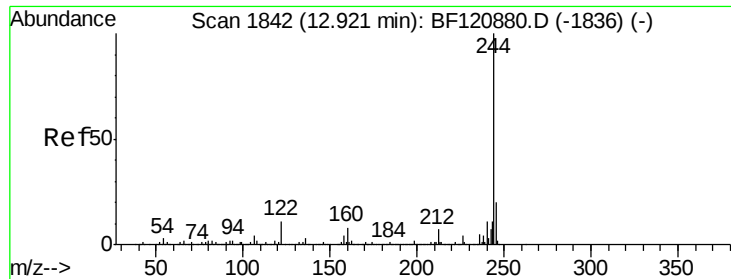


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.541 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF121222.D

Acq: 7 Aug 2020 1:13

Instrument :

BNA_F

ClientSampleId :

N-23729

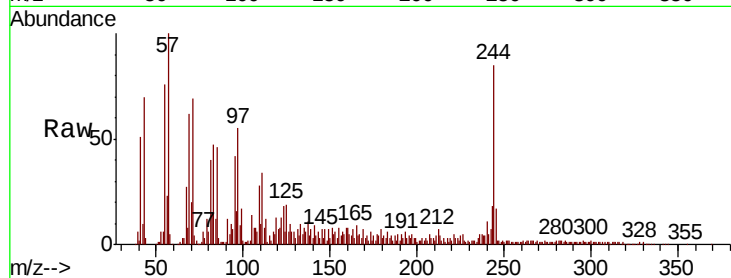
Tot Ion:244 Resp: 129899

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

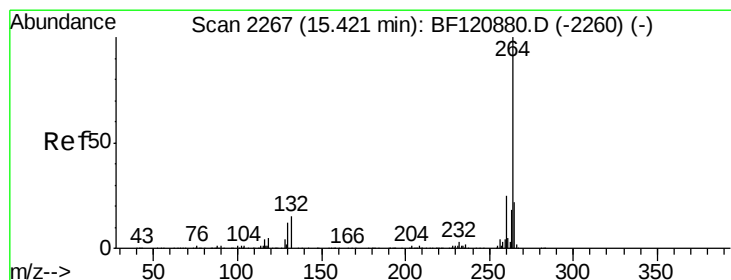
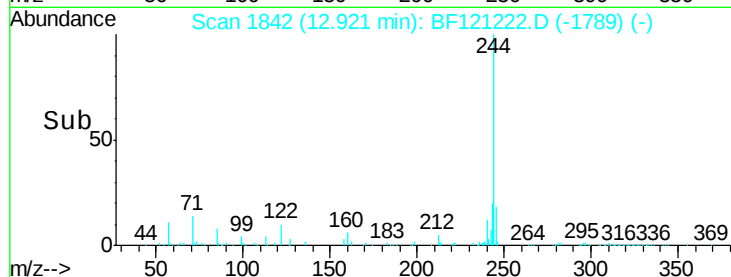
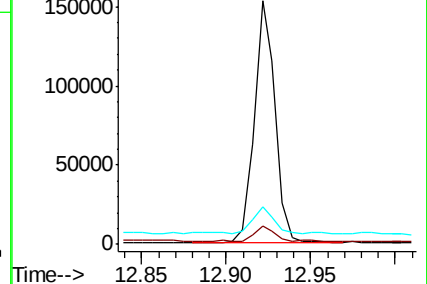
122 15.4 8.3 12.5#



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. 0.02 min

Lab File: BF121222.D

Acq: 7 Aug 2020 1:13

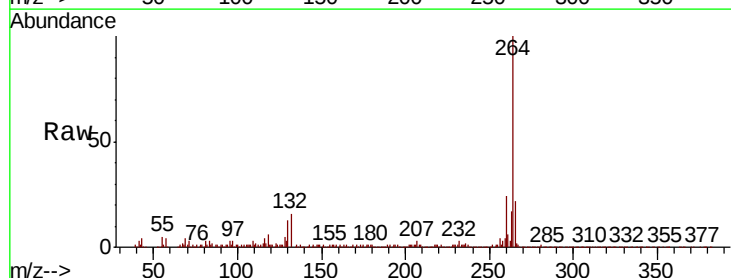
Tgt Ion:264 Resp: 317182

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 21.8 17.8 26.8



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

