

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121074.D
 Acq On : 28 Jul 2020 17:43
 Operator : JU/CG
 Sample : L3185-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-072720

Quant Time: Jul 28 18:25:57 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

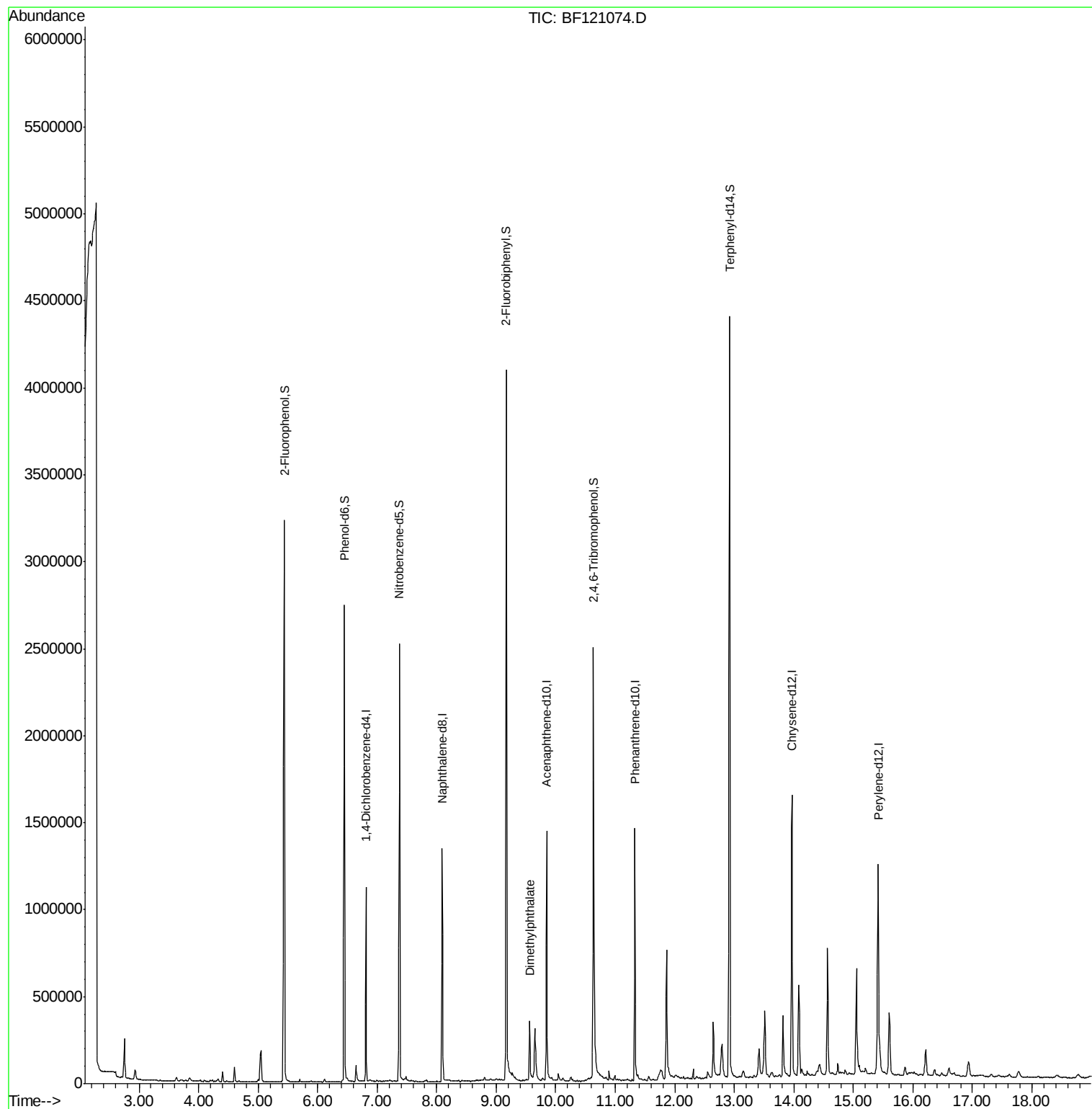
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154868	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	572092	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	316347	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	624841	20.00	ng	0.00
76) Chrysene-d12	13.97	240	626028	20.00	ng	0.00
86) Perylene-d12	15.42	264	656445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1075338	113.83	ng	0.02
7) Phenol-d6	6.45	99	1199891	98.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	884922	89.50	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	471383	136.13	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1640100	77.41	ng	0.00
79) Terphenyl-d14	12.92	244	1849057	64.21	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	152452	6.680	ng	Qvalue 100

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

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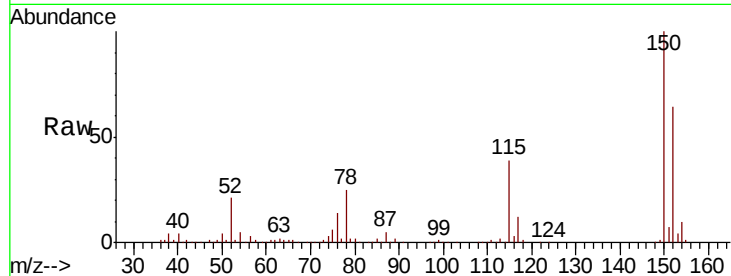


#1

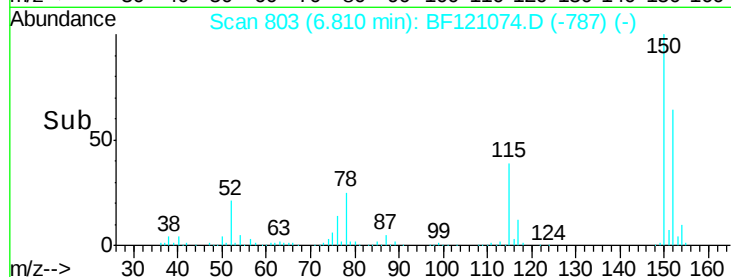
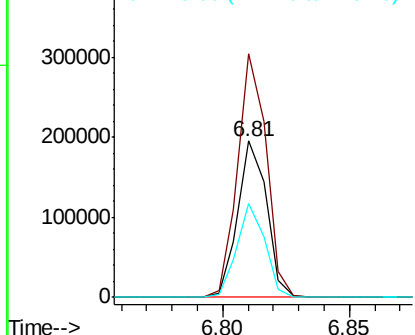
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121074.D
Acq: 28 Jul 2020 17:43

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tot Ion:152 Resp: 154868
Ion Ratio Lower Upper
152 100
150 156.1 125.0 187.6
115 60.2 47.0 70.4



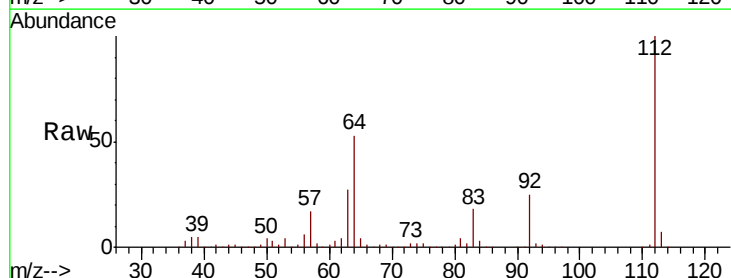
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



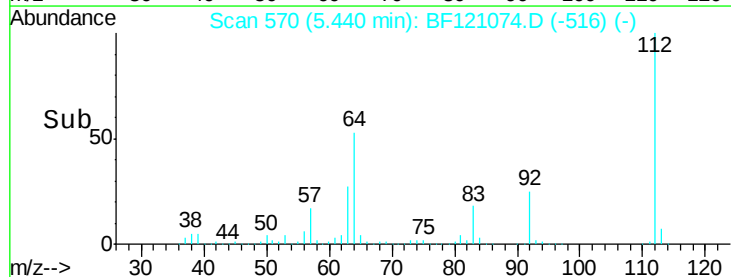
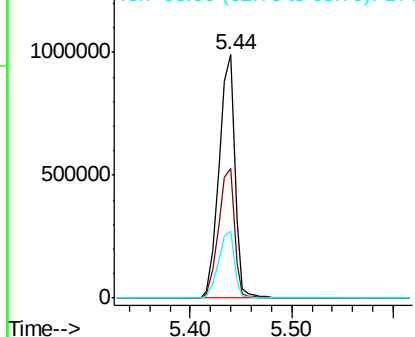
#5

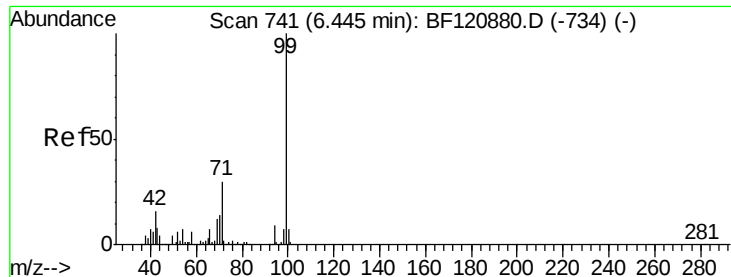
2-Fluorophenol
Concen: 113.830 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121074.D
Acq: 28 Jul 2020 17:43

Tgt Ion:112 Resp: 1075338
Ion Ratio Lower Upper
112 100
64 53.3 41.3 61.9
63 27.5 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: 98.328 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PL-05-072720

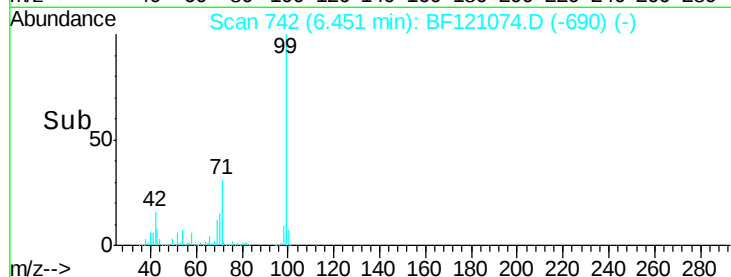
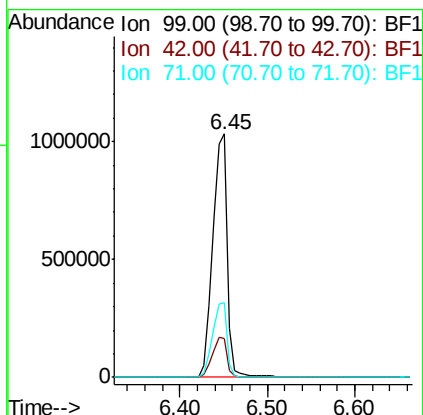
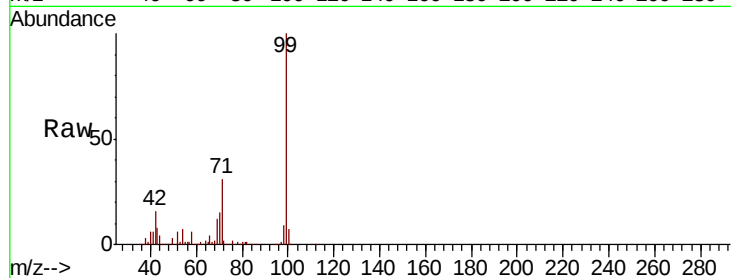
Tot Ion: 99 Resp: 1199891

Ion Ratio Lower Upper

99 100

42 16.0 13.1 19.7

71 30.7 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

Tgt Ion: 136 Resp: 572092

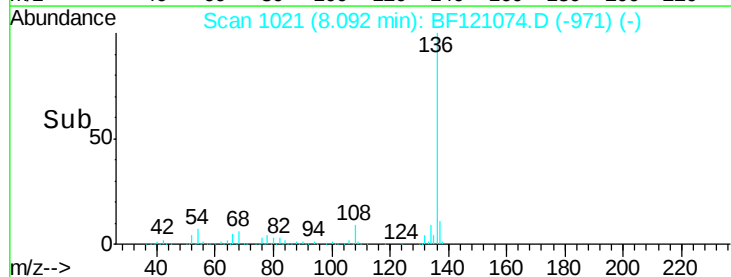
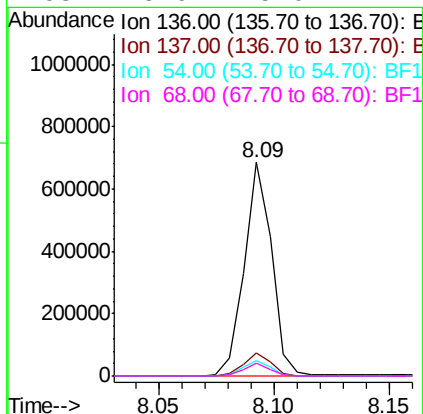
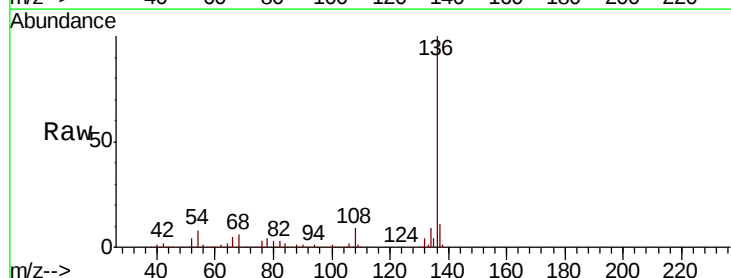
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.5 6.3 9.5

68 5.9 5.0 7.4

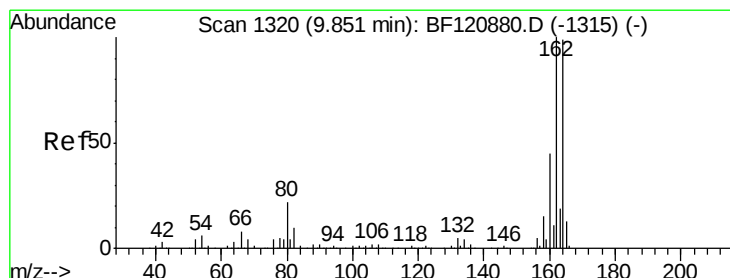
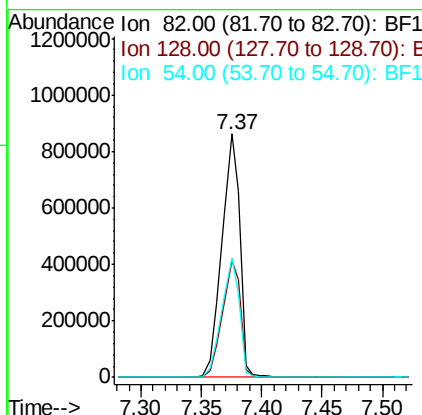
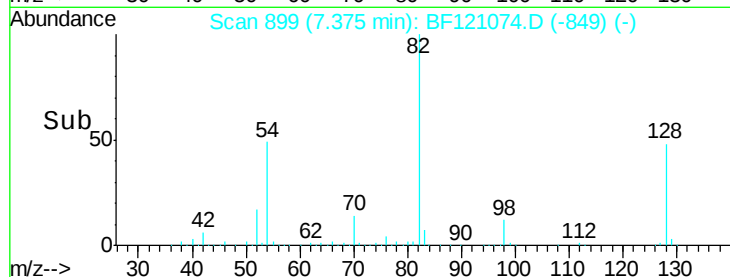
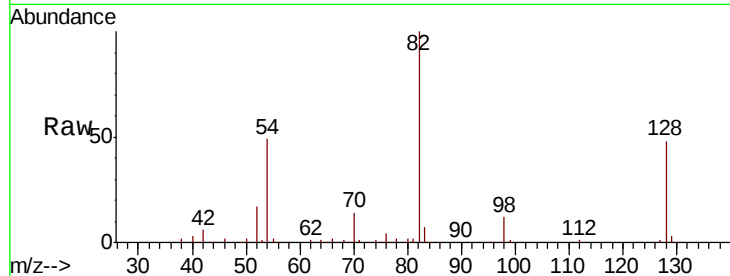




#23
 Nitrobenzene-d5
 Concen: 89.504 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121074.D
 Acq: 28 Jul 2020 17:43

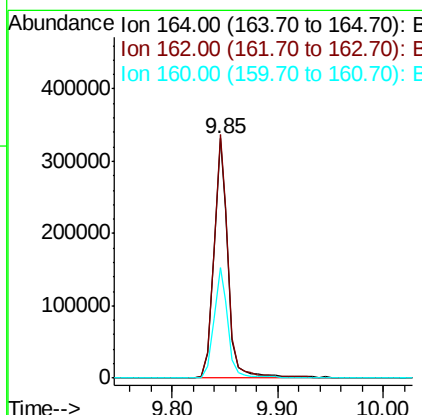
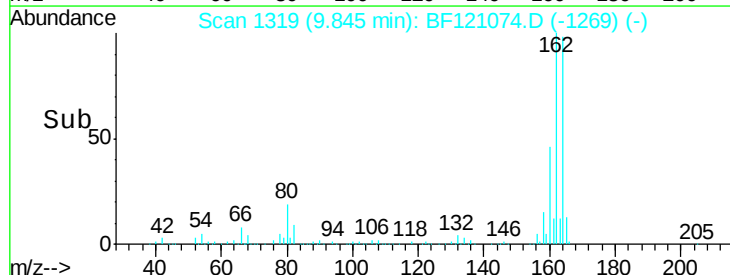
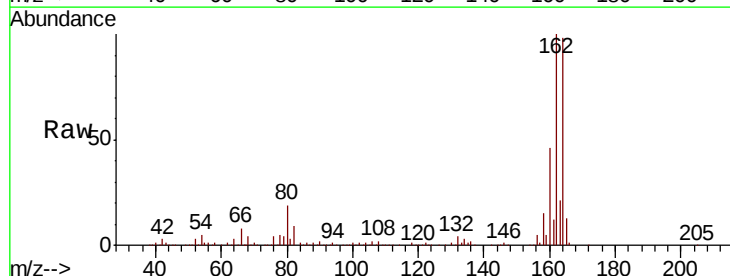
Instrument :
 BNA_F
 ClientSampleId :
 PL-05-072720

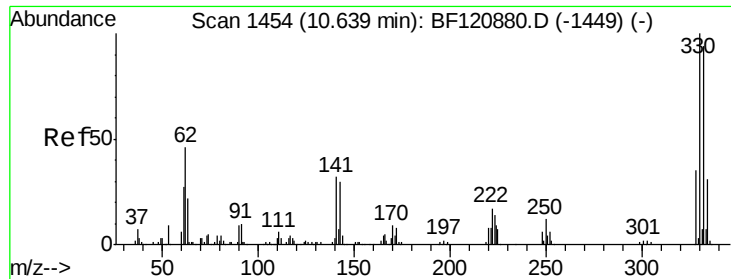
Tot Ion	82	Resp	884922
Ion Ratio	100	Lower	Upper
128	47.9	38.2	57.4
54	49.1	38.7	58.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121074.D
 Acq: 28 Jul 2020 17:43

Tgt Ion	164	Resp	316347
Ion Ratio	100	Lower	Upper
162	101.6	81.2	121.8
160	46.3	36.9	55.3

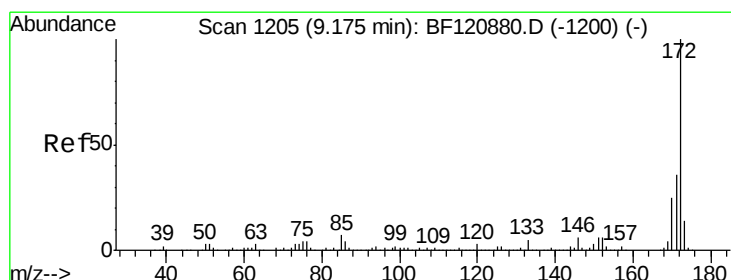
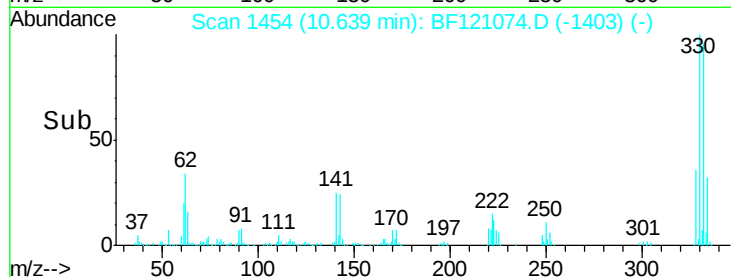
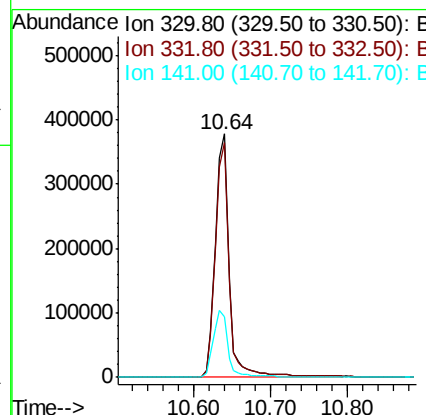
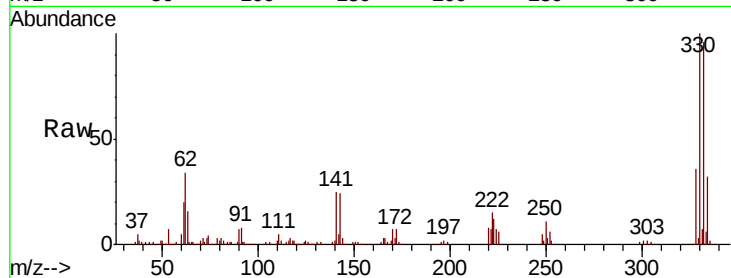




#42
 2,4,6-Tribromophenol
 Concen: 136.130 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121074.D
 Acq: 28 Jul 2020 17:43

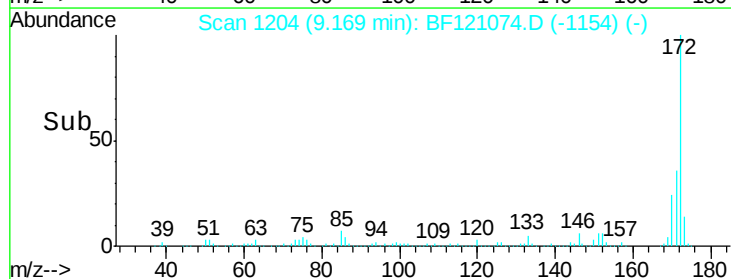
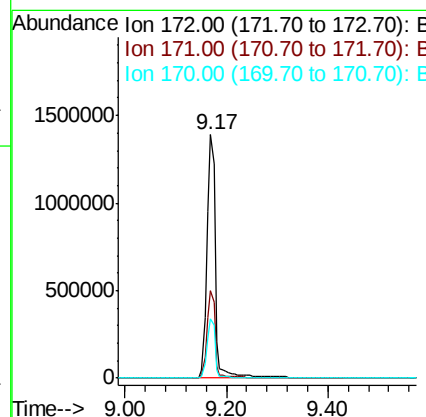
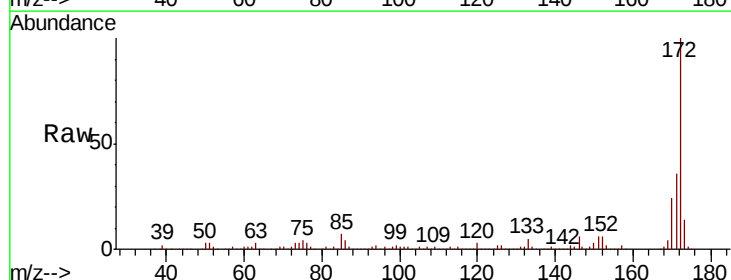
Instrument :
 BNA_F
 ClientSampleId :
 PL-05-072720

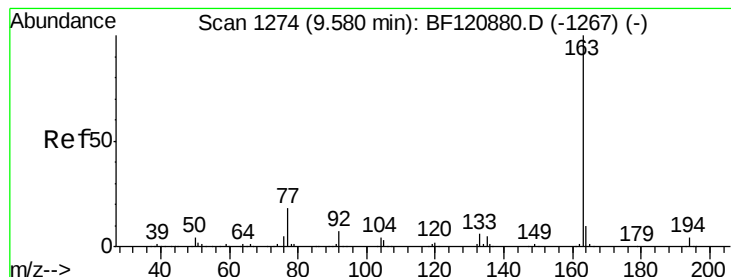
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.5	113.3
141	29.8	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 77.407 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121074.D
 Acq: 28 Jul 2020 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.3	19.6	29.4





#50

Dimethylphthalate

Concen: 6.680 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PL-05-072720

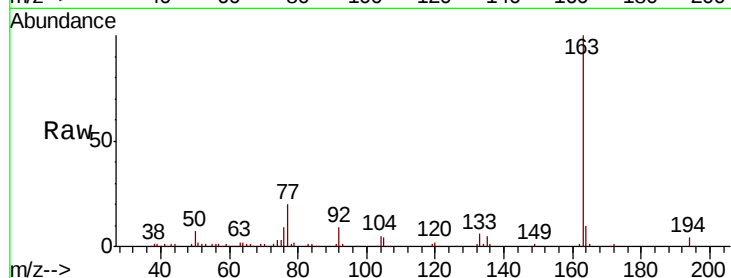
Tot Ion:163 Resp: 152452

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.9 7.9 11.9

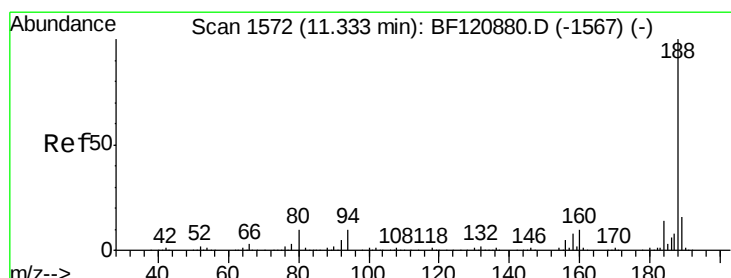
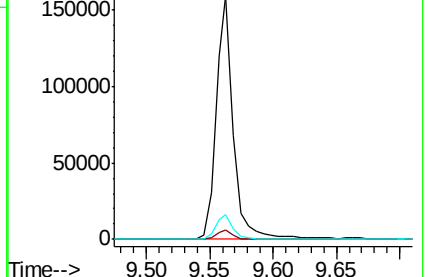
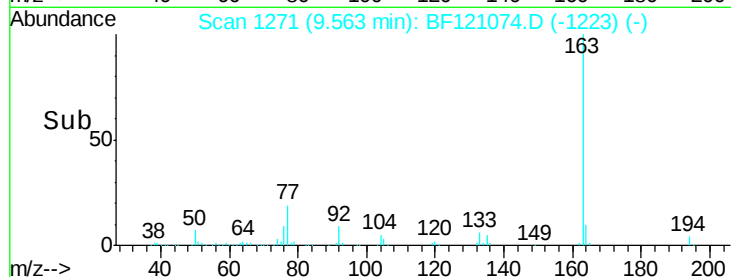


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.56



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

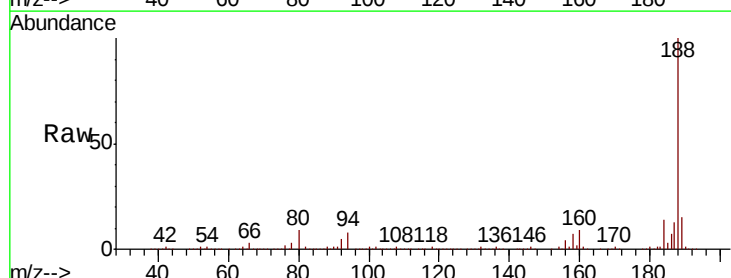
Tgt Ion:188 Resp: 624841

Ion Ratio Lower Upper

188 100

94 8.3 8.0 12.0

80 8.9 8.3 12.5

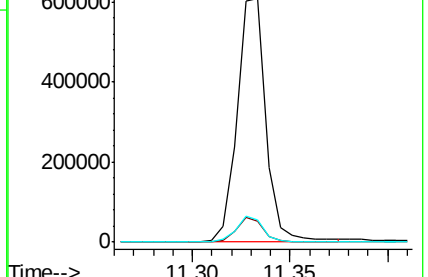
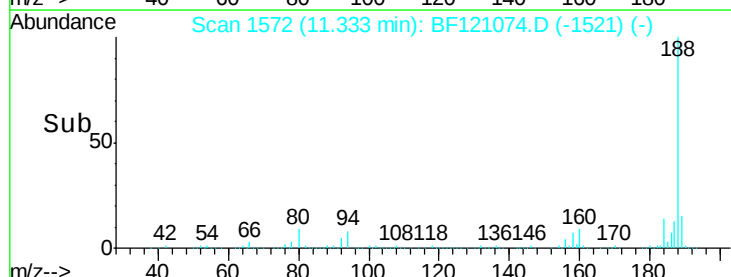


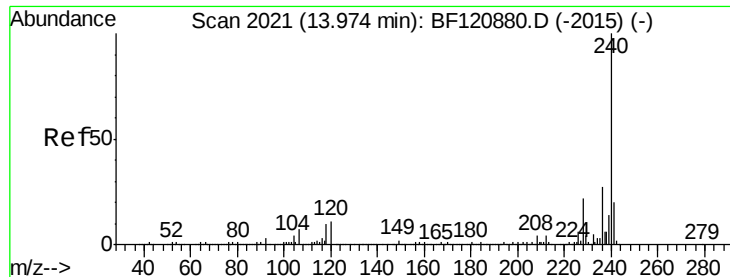
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.33





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

Instrument :

BNA_F

ClientSampleId :

PL-05-072720

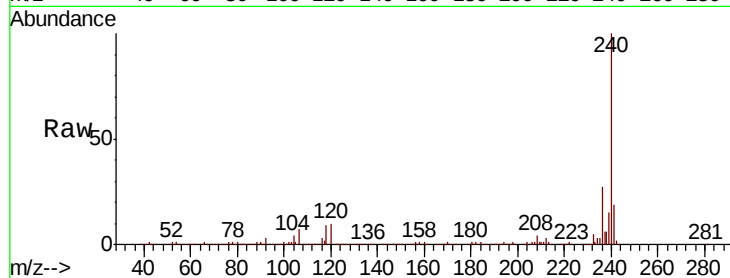
Tot Ion:240 Resp: 626028

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.4

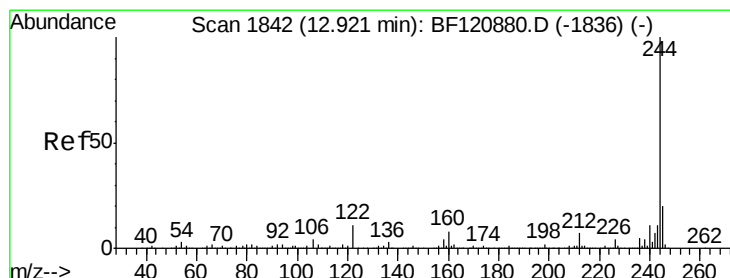
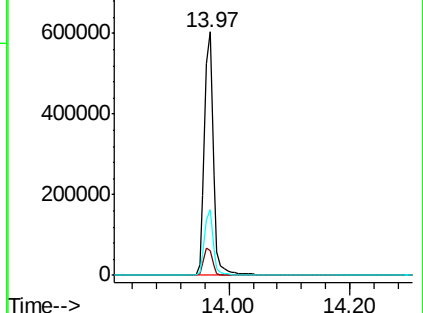
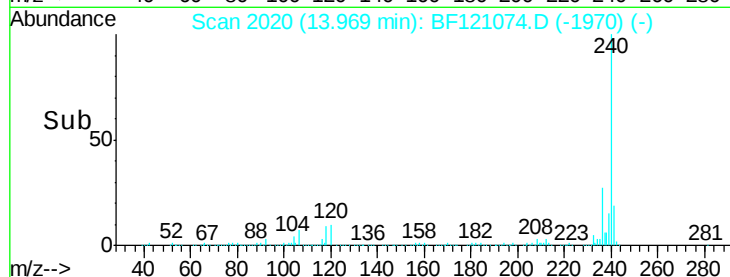
236 26.8 21.7 32.5



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: 64.206 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121074.D

Acq: 28 Jul 2020 17:43

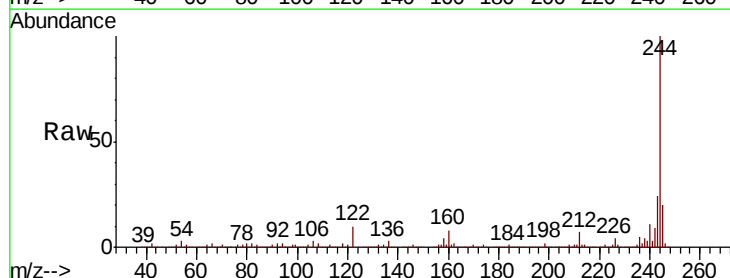
Tgt Ion:244 Resp: 1849057

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

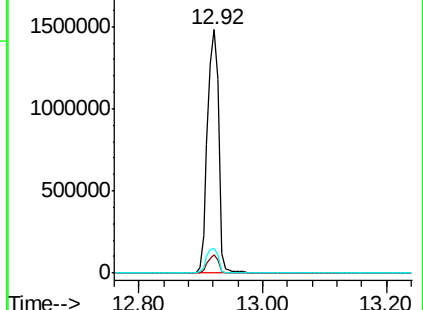
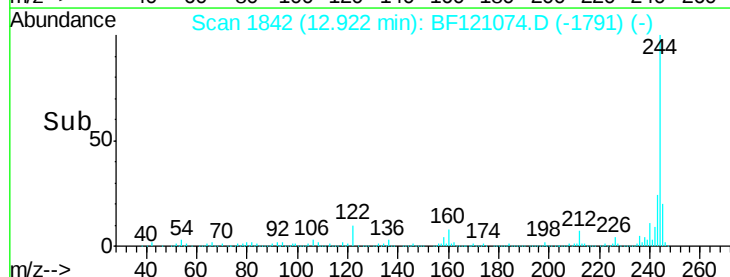
122 10.1 8.9 13.3

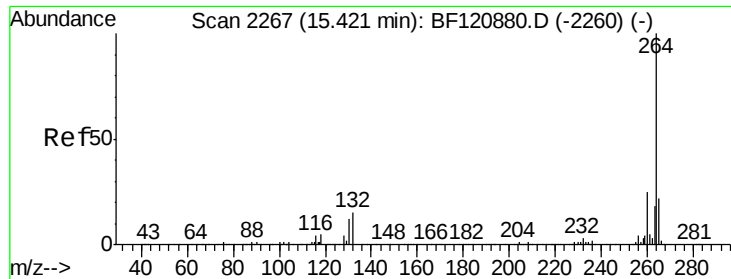


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF121074.D
 Acq: 28 Jul 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-072720

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.6	17.4	26.2

