

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121051.D
 Acq On : 28 Jul 2020 00:52
 Operator : JU/CG
 Sample : L3382-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTR-020

Quant Time: Jul 28 01:29:46 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	174845	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	681995	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	362313	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	740667	20.00	ng	0.00
76) Chrysene-d12	13.97	240	559076	20.00	ng	0.00
86) Perylene-d12	15.42	264	421027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1209282	113.38	ng	0.02
7) Phenol-d6	6.45	99	1320649	95.86	ng	0.00
23) Nitrobenzene-d5	7.37	82	1034985	87.81	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	564971	142.46	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1770224	72.95	ng	0.00
79) Terphenyl-d14	12.93	244	2088832	81.22	ng	0.00

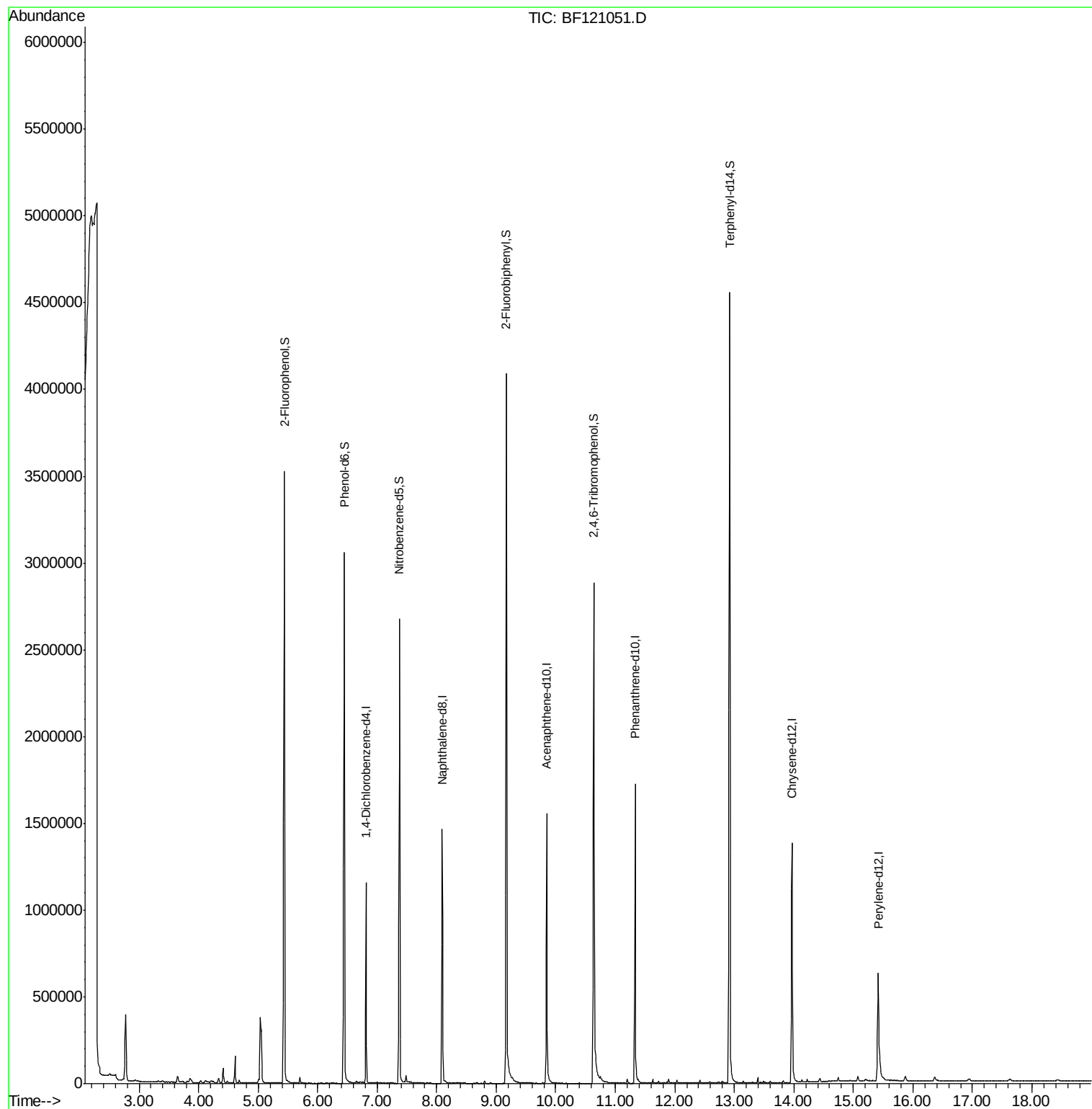
Target Compounds Qvalue

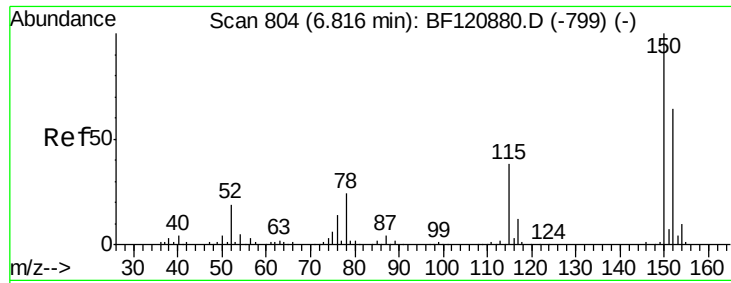
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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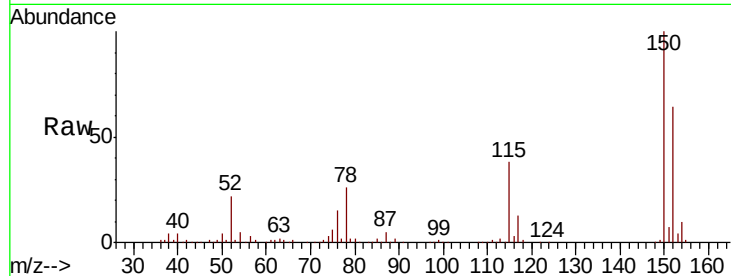


#1

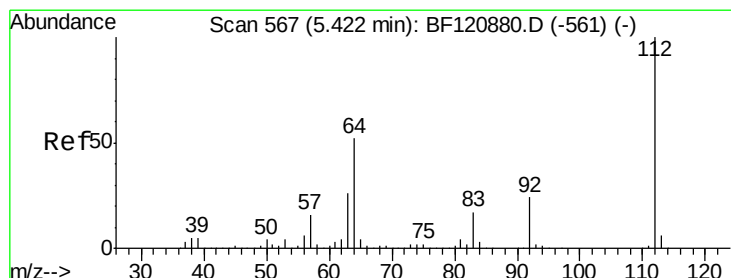
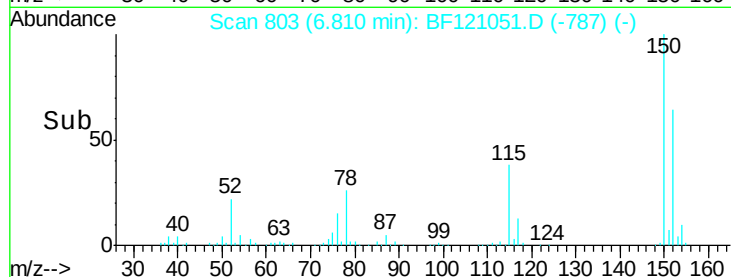
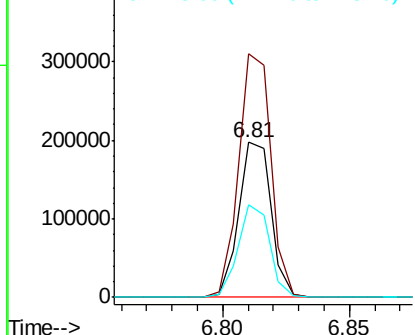
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121051.D
Acq: 28 Jul 2020 00:52

Instrument :
BNA_F
ClientSampleId :
CTR-020

Tot Ion:152 Resp: 174845
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.6
115 59.9 47.0 70.4



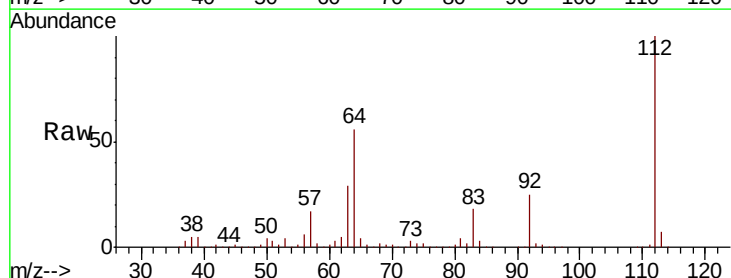
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



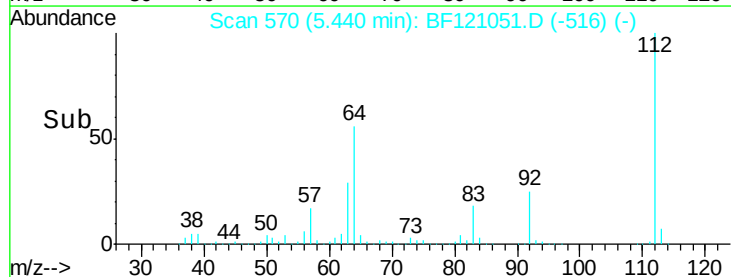
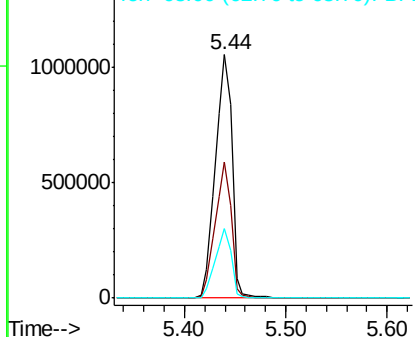
#5

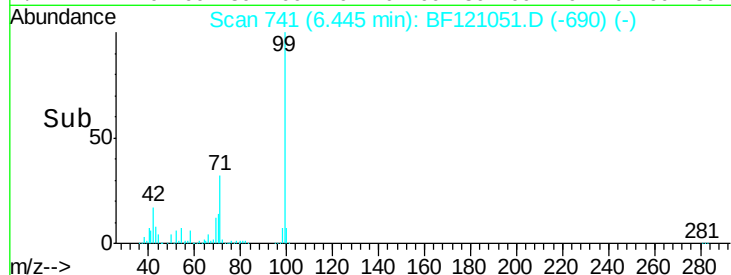
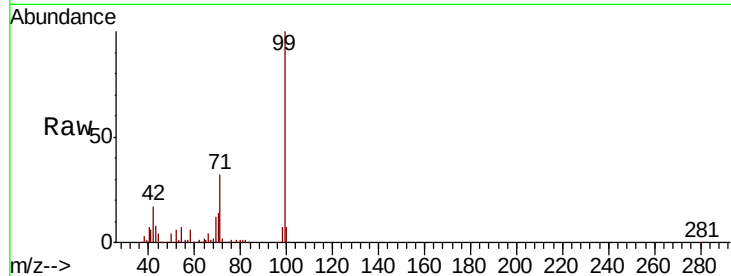
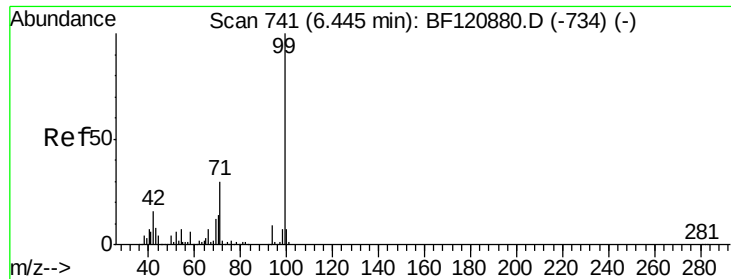
2-Fluorophenol
Concen: 113.383 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121051.D
Acq: 28 Jul 2020 00:52

Tgt Ion:112 Resp: 1209282
Ion Ratio Lower Upper
112 100
64 55.6 41.3 61.9
63 28.6 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: 95.858 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121051.D

Acq: 28 Jul 2020 00:52

Instrument :

BNA_F

ClientSampleId :

CTR-020

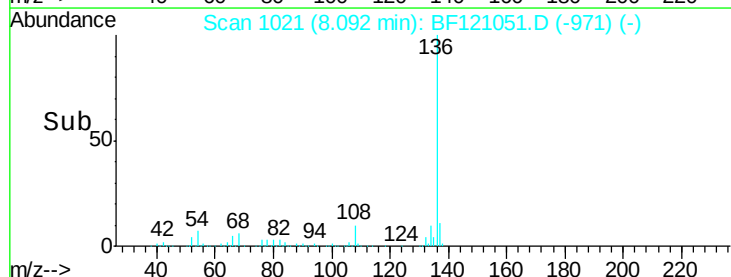
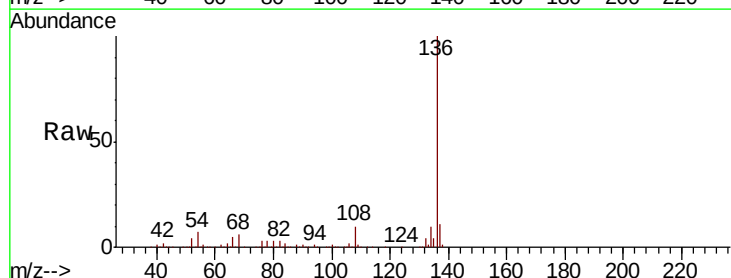
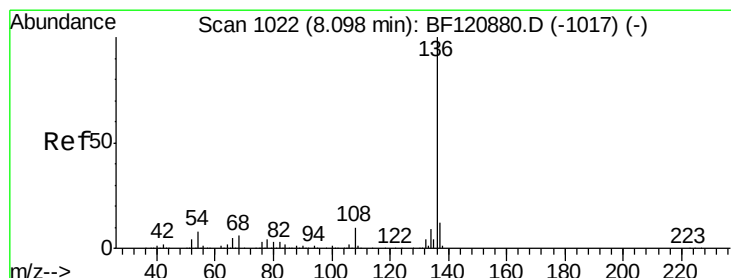
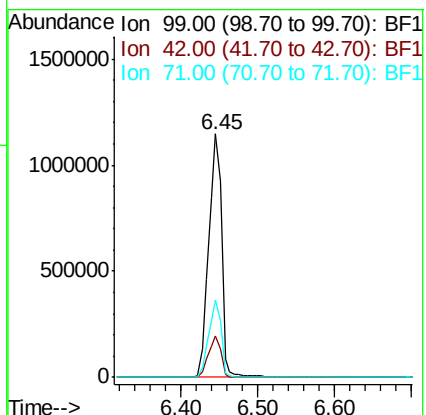
Tot Ion: 99 Resp: 1320649

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

71 31.7 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: BF121051.D

Acq: 28 Jul 2020 00:52

Tgt Ion: 136 Resp: 681995

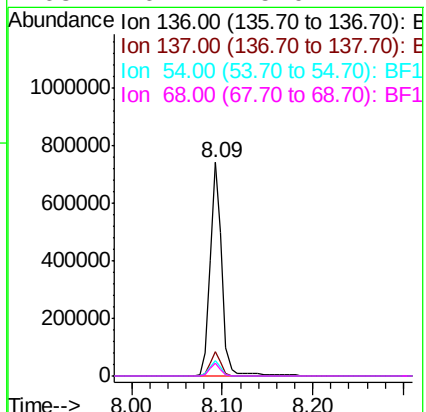
Ion Ratio Lower Upper

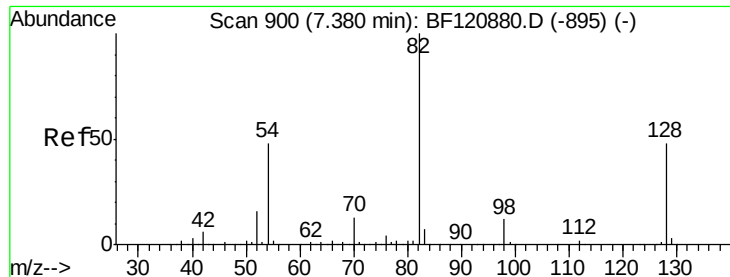
136 100

137 11.2 9.3 13.9

54 7.4 6.3 9.5

68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 87.812 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121051.D

Acq: 28 Jul 2020 00:52

Instrument :

BNA_F

ClientSampleId :

CTR-020

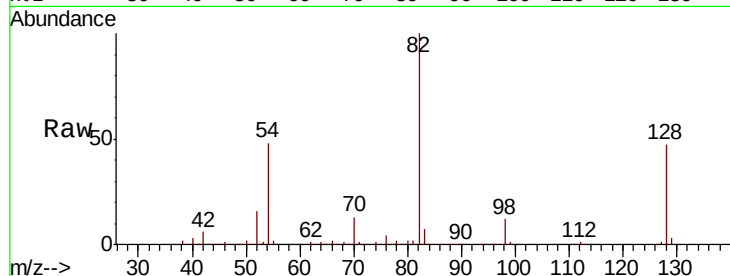
Tot Ion: 82 Resp: 1034985

Ion Ratio Lower Upper

82 100

128 46.6 38.2 57.4

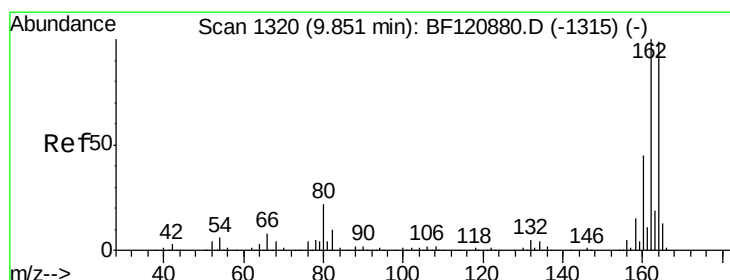
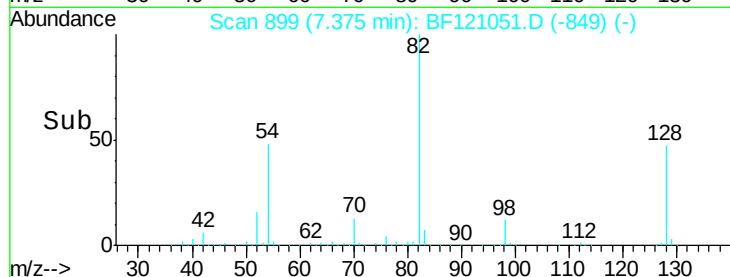
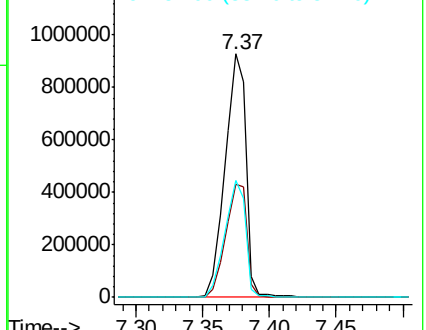
54 47.8 38.7 58.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121051.D

Acq: 28 Jul 2020 00:52

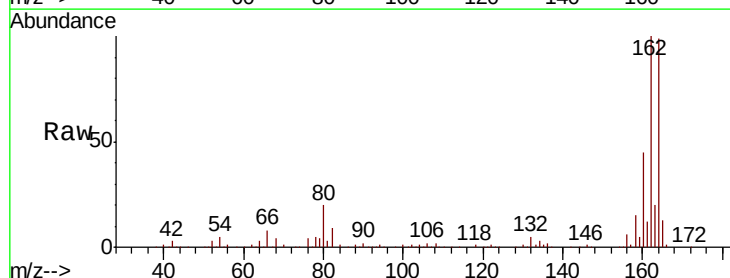
Tgt Ion:164 Resp: 362313

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

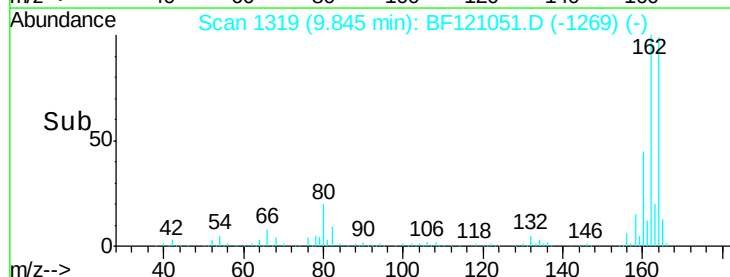
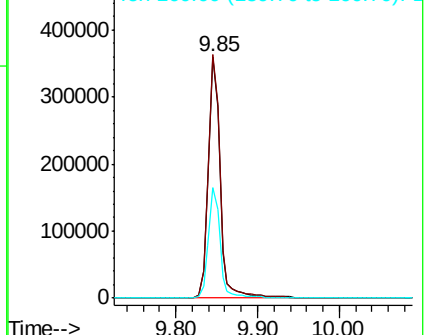
160 45.6 36.9 55.3

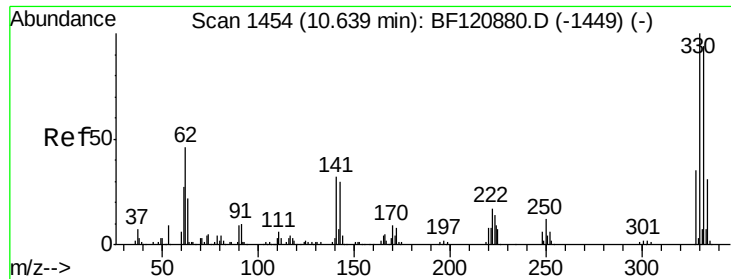


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

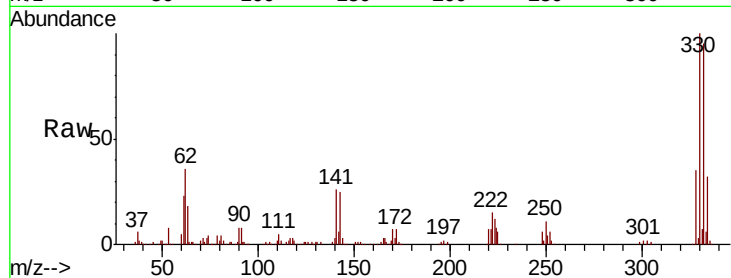




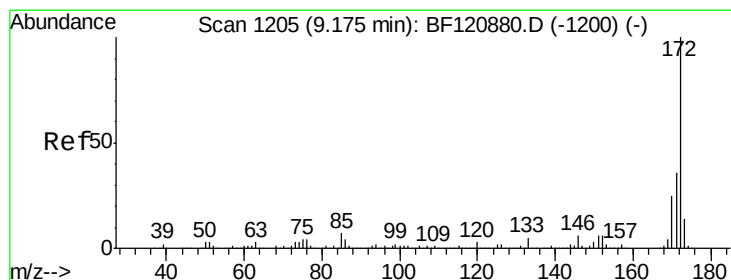
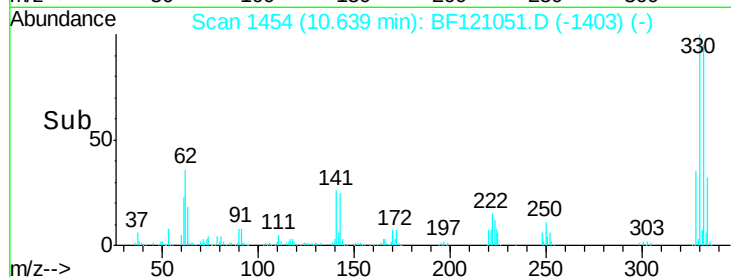
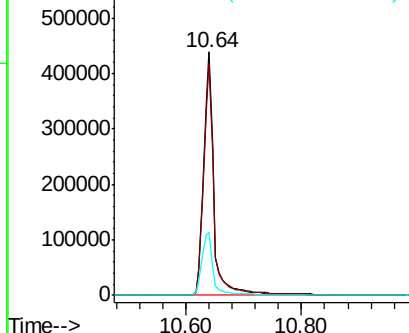
#42
 2,4,6-Tribromophenol
 Concen: 142.458 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121051.D
 Acq: 28 Jul 2020 00:52

Instrument :
 BNA_F
 ClientSampleID :
 CTR-020

Tot Ion:330 Resp: 564971
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.5 113.3
 141 29.0 25.7 38.5

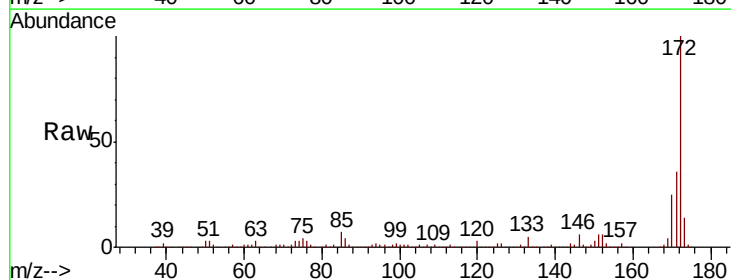


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

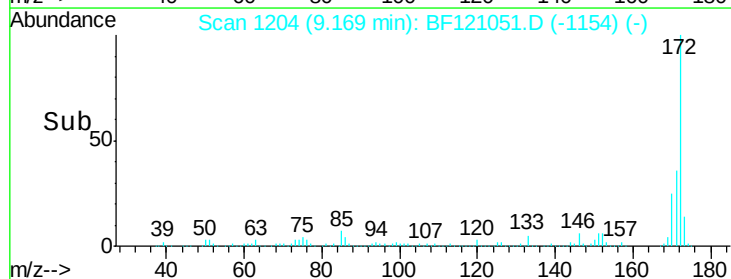
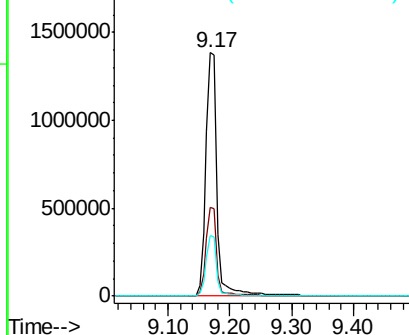


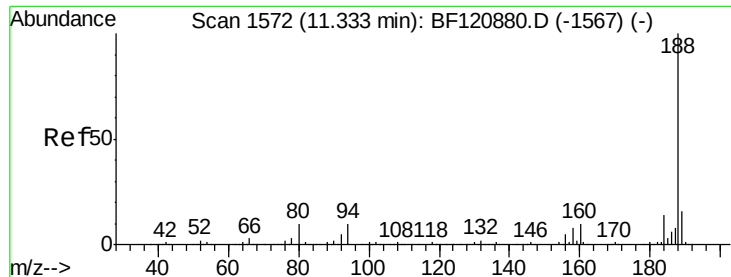
#45
 2-Fluorobiphenyl
 Concen: 72.949 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121051.D
 Acq: 28 Jul 2020 00:52

Tgt Ion:172 Resp: 1770224
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.8 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121051.D

Acq: 28 Jul 2020 00:52

Instrument :

BNA_F

ClientSampled :

CTR-020

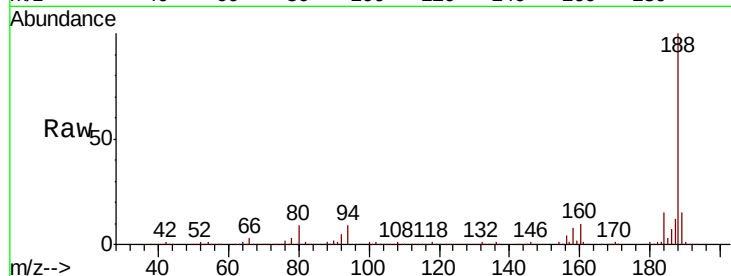
Tot Ion:188 Resp: 740667

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

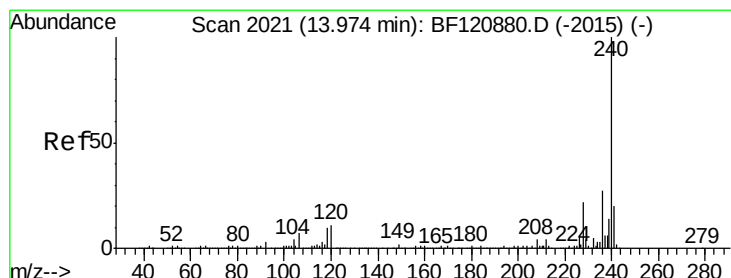
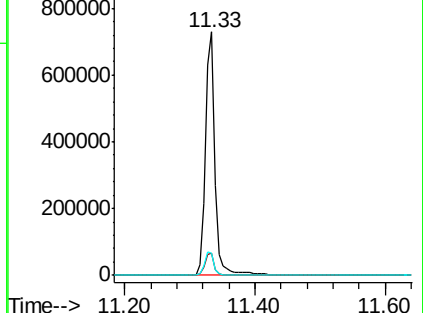
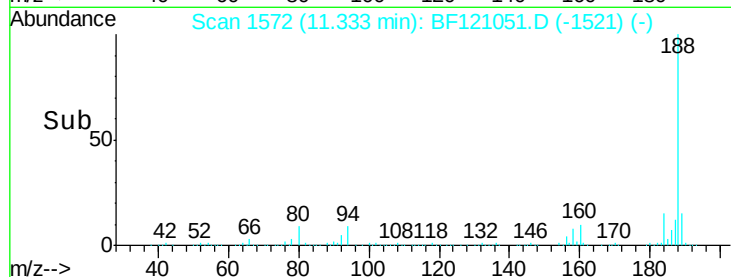
80 9.0 8.3 12.5



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: BF121051.D

Acq: 28 Jul 2020 00:52

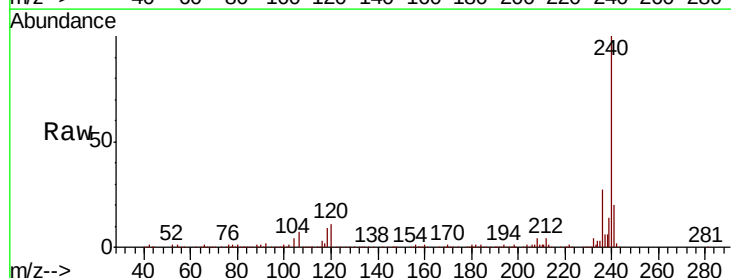
Tgt Ion:240 Resp: 559076

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

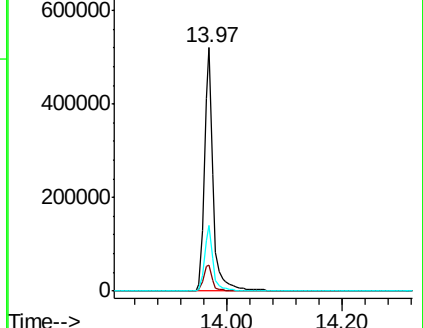
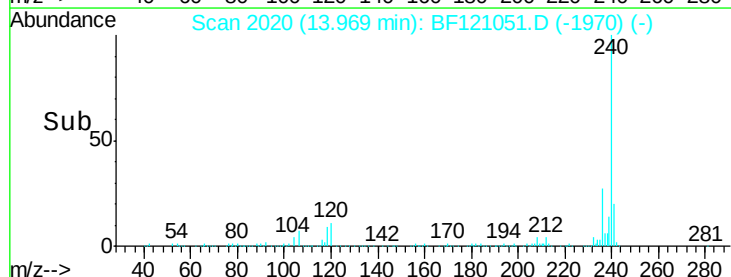
236 26.7 21.7 32.5

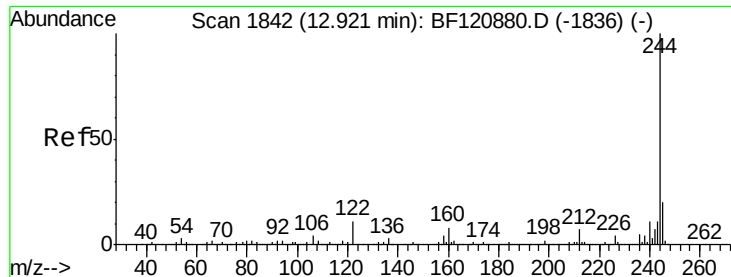


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.217 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121051.D

Acq: 28 Jul 2020 00:52

Instrument :

BNA_F

ClientSampleId :

CTR-020

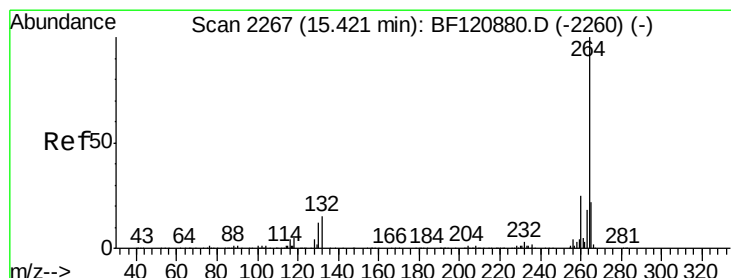
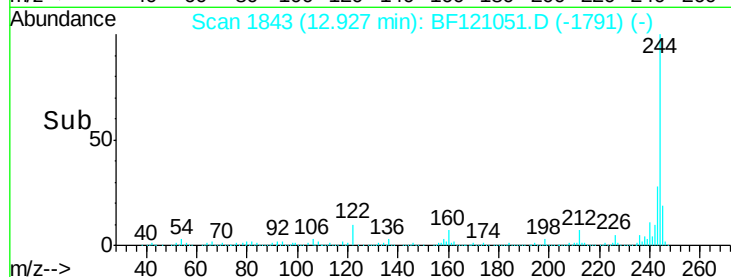
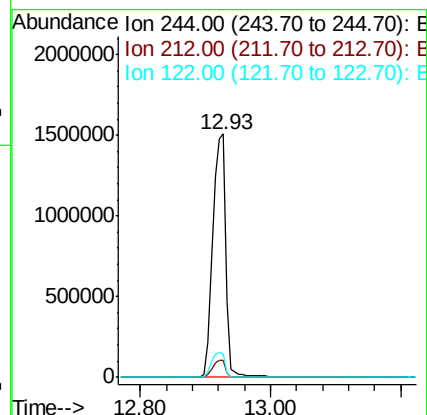
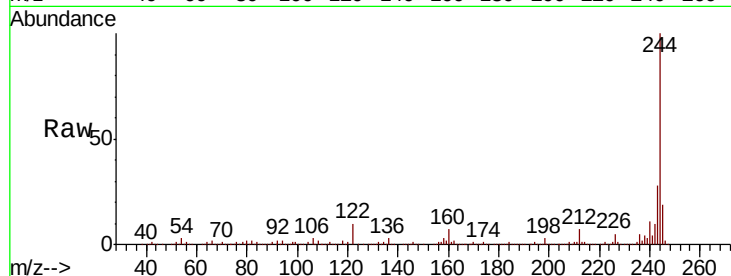
Tot Ion:244 Resp: 2088832

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.7 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121051.D

Acq: 28 Jul 2020 00:52

Tgt Ion:264 Resp: 421027

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 21.7 17.4 26.2

