

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121165.D
 Acq On : 31 Jul 2020 18:33
 Operator : JU/CG
 Sample : L3518-42
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Jul 31 19:04:24 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

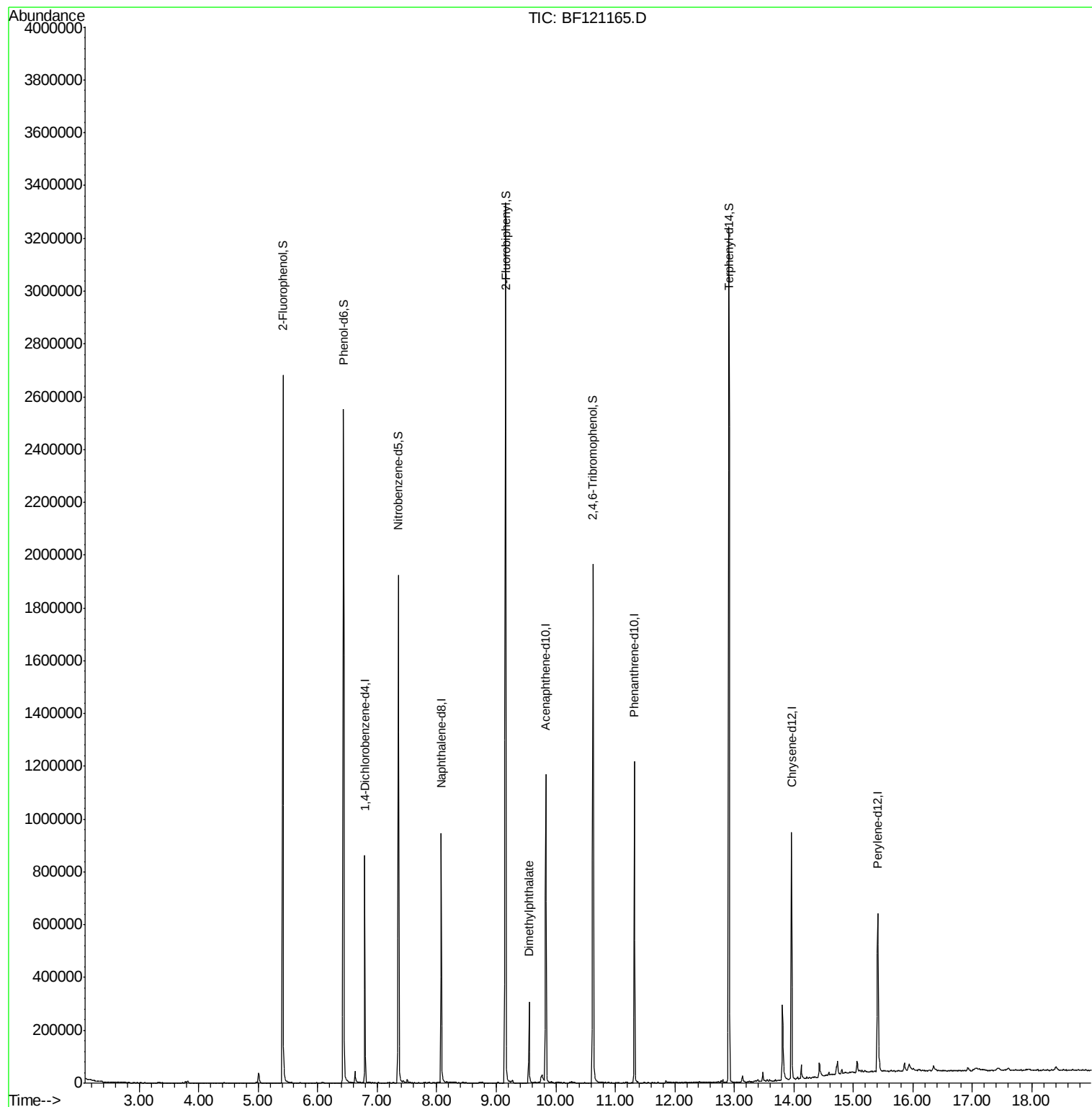
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121558	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	467348	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	239821	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	455936	20.00	ng	0.00
76) Chrysene-d12	13.96	240	336999	20.00	ng	0.00
86) Perylene-d12	15.41	264	285166	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	829354	111.85	ng	0.00
7) Phenol-d6	6.43	99	1021044	106.60	ng	-0.01
23) Nitrobenzene-d5	7.36	82	670910	83.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	299665	114.15	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1164868	72.52	ng	0.00
79) Terphenyl-d14	12.91	244	1160631	74.87	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	139061	8.037	ng	Qvalue 98

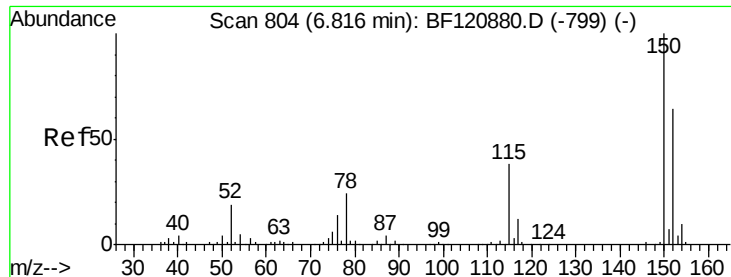
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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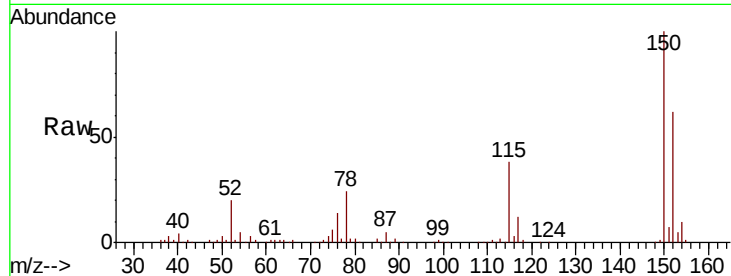


#1

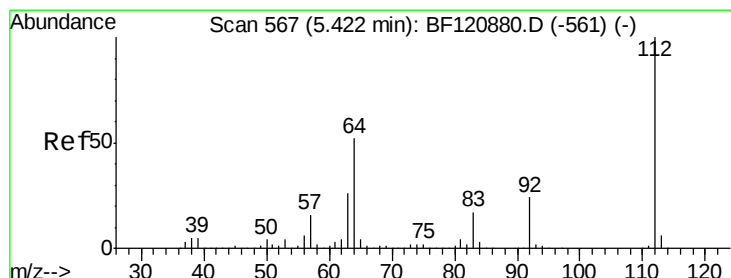
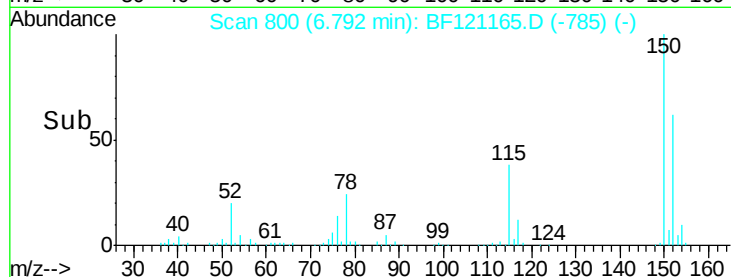
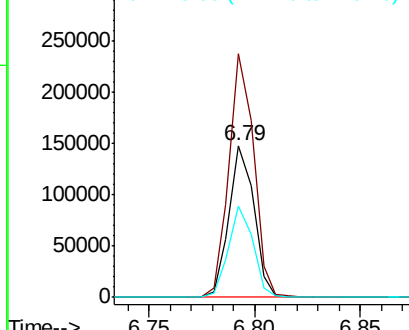
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121165.D
Acq: 31 Jul 2020 18:33

Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion:152 Resp: 121558
Ion Ratio Lower Upper
152 100
150 160.1 125.6 188.4
115 60.3 46.2 69.2



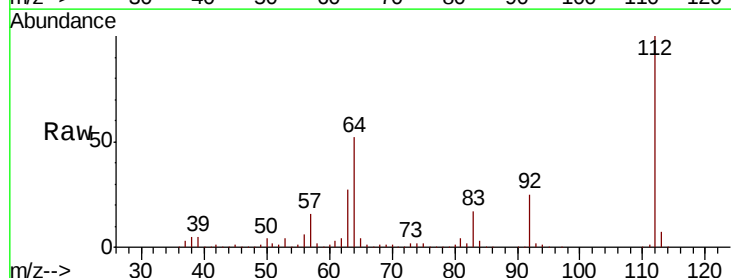
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



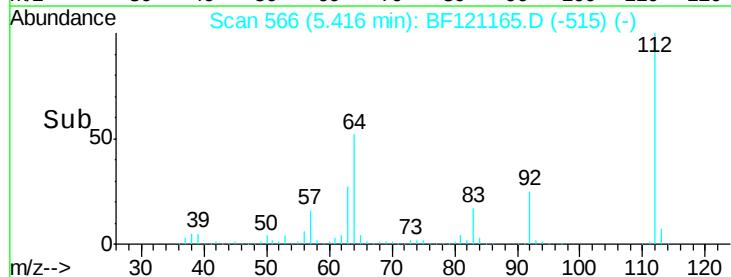
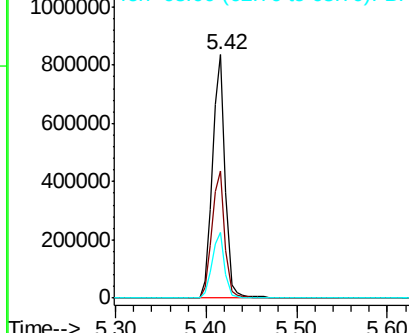
#5

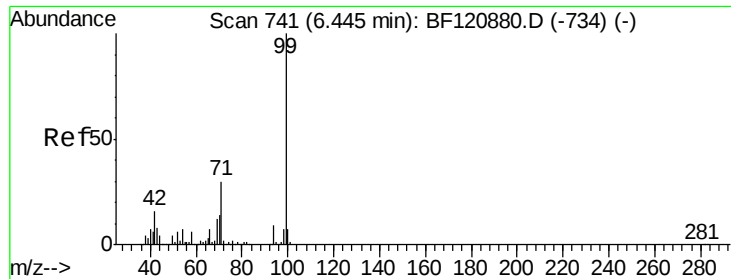
2-Fluorophenol
Concen: 111.848 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF121165.D
Acq: 31 Jul 2020 18:33

Tgt Ion:112 Resp: 829354
Ion Ratio Lower Upper
112 100
64 52.2 43.9 65.9
63 26.8 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: 106.600 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

Instrument :

BNA_F

ClientSampleId :

TP-12

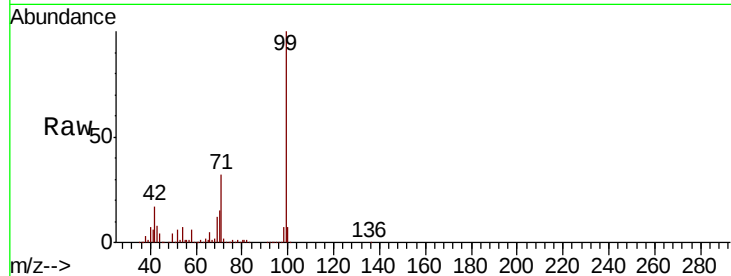
Tot Ion: 99 Resp: 1021044

Ion Ratio Lower Upper

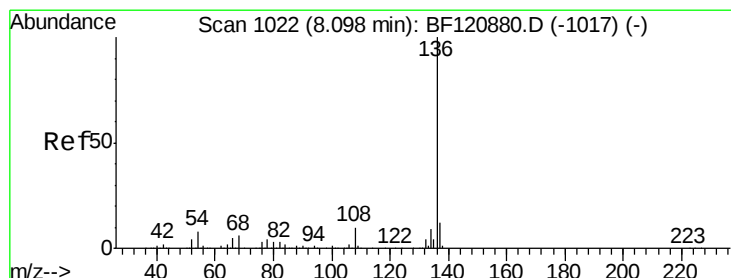
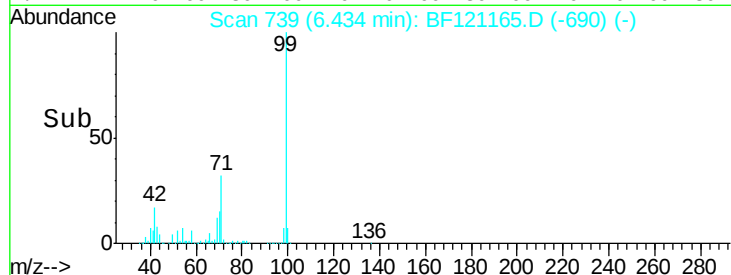
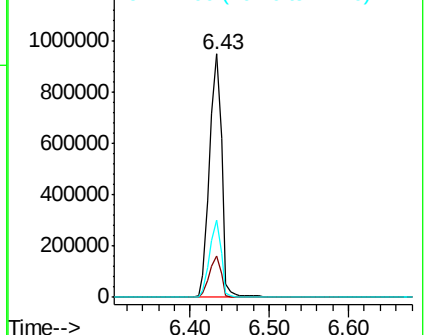
99 100

42 17.0 13.5 20.3

71 31.8 25.0 37.4



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

Tgt Ion: 136 Resp: 467348

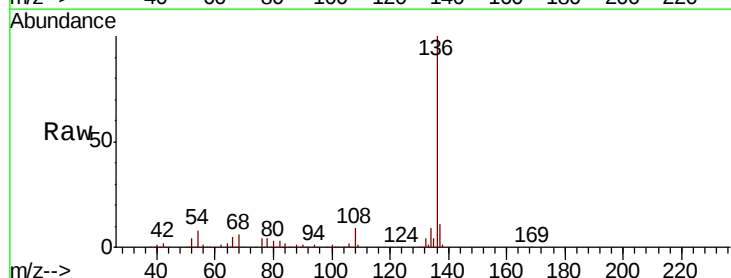
Ion Ratio Lower Upper

136 100

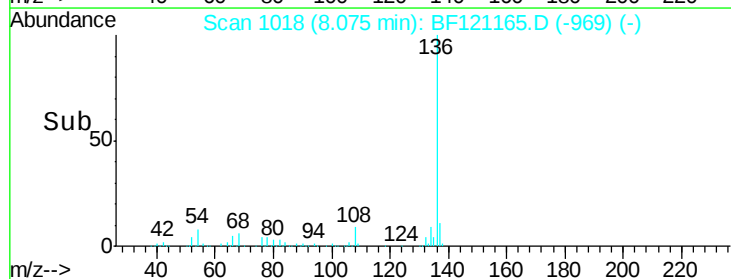
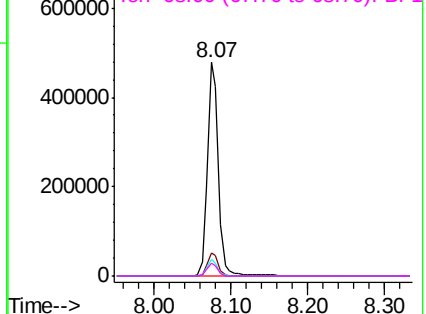
137 10.9 9.0 13.4

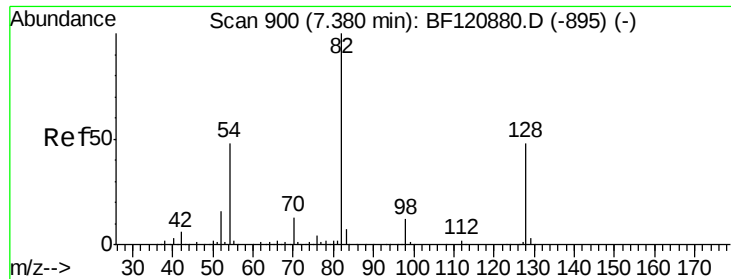
54 7.6 6.1 9.1

68 6.1 5.0 7.6



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

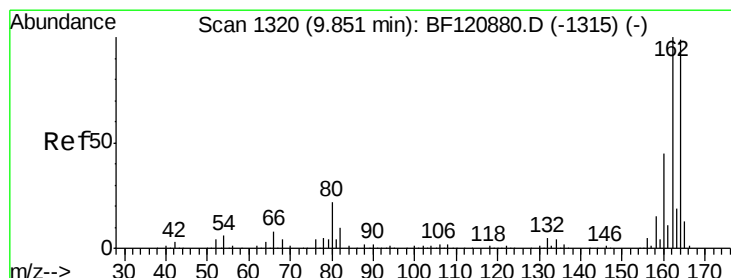
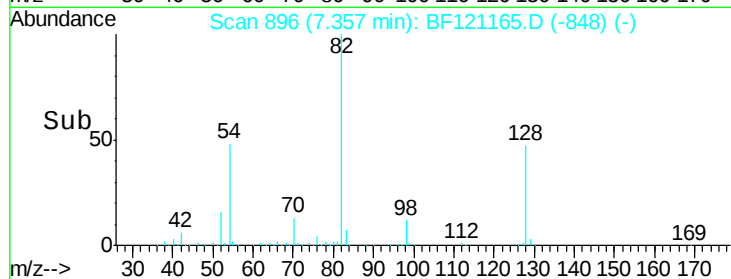
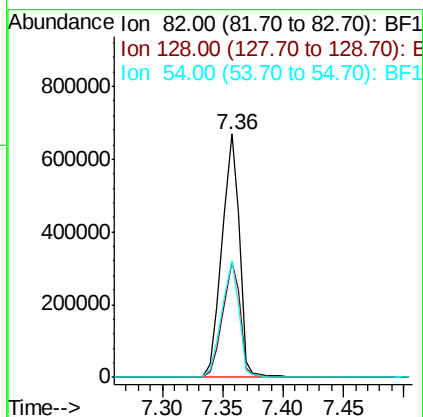
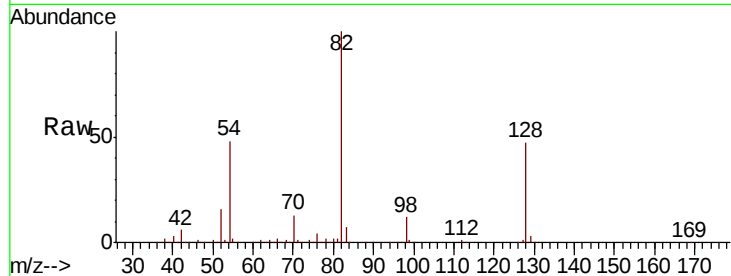




#23
Nitrobenzene-d5
Concen: 83.066 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121165.D
Acq: 31 Jul 2020 18:33

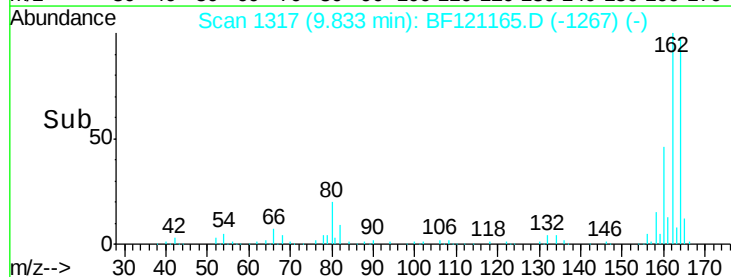
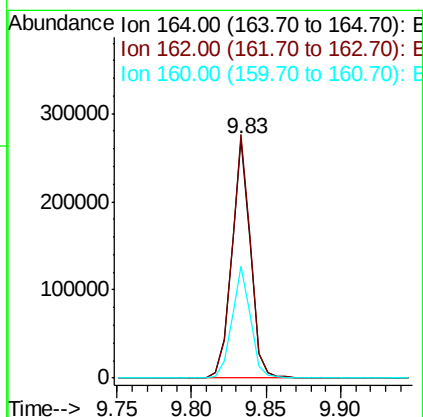
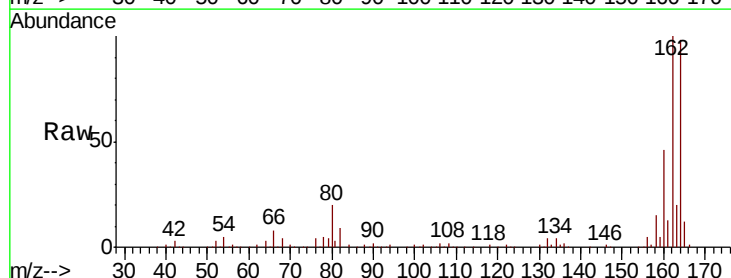
Instrument :
BNA_F
ClientSampled :
TP-12

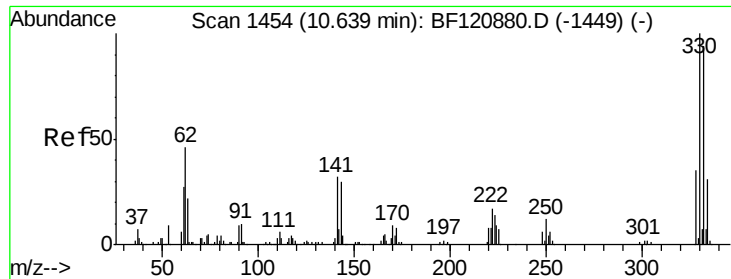
Tot Ion	82	Resp	670910
Ion Ratio	100	Lower	Upper
128	47.3	39.2	58.8
54	47.8	37.8	56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121165.D
Acq: 31 Jul 2020 18:33

Tgt Ion	164	Resp	239821
Ion Ratio	100	Lower	Upper
162	102.0	82.2	123.2
160	46.9	37.2	55.8

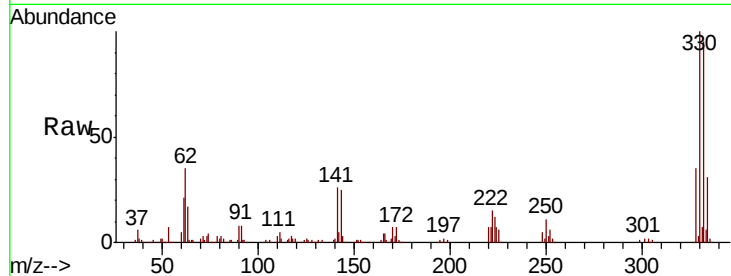




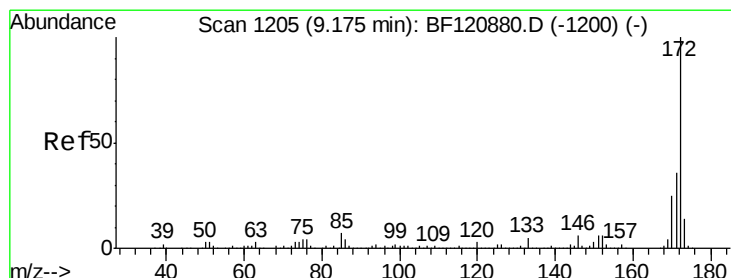
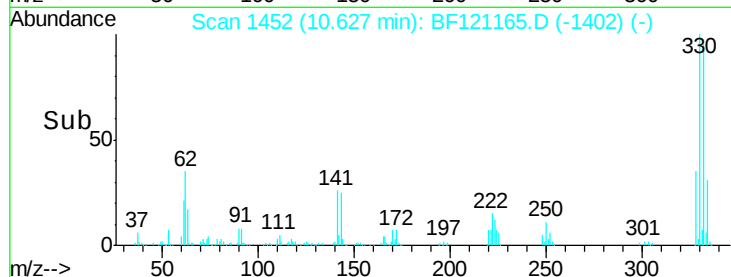
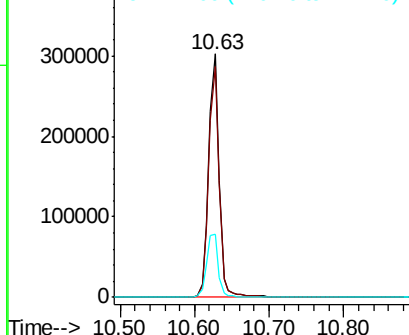
#42
 2,4,6-Tribromophenol
 Concen: 114.155 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121165.D
 Acq: 31 Jul 2020 18:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion:330 Resp: 299665
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.1 114.1
 141 28.7 24.1 36.1

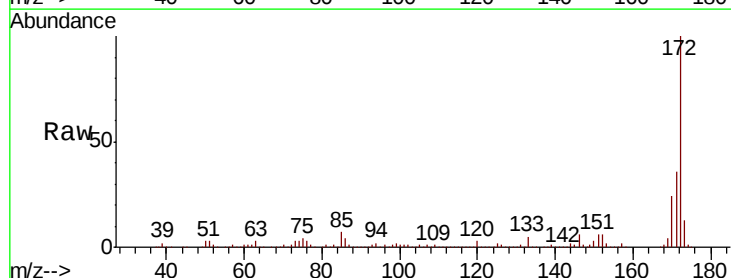


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

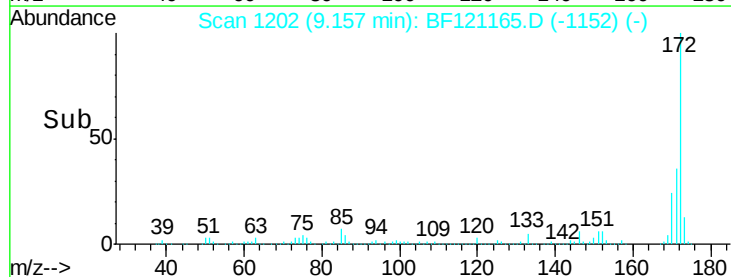
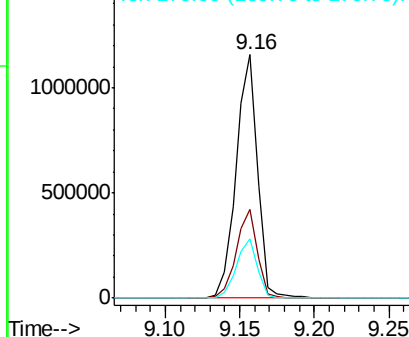


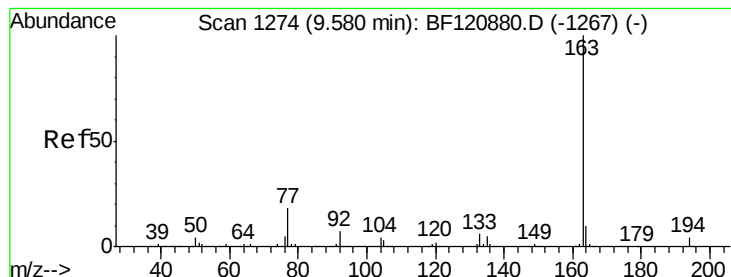
#45
 2-Fluorobiphenyl
 Concen: 72.521 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121165.D
 Acq: 31 Jul 2020 18:33

Tgt Ion:172 Resp: 1164868
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.3 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





#50

Dimethylphthalate

Concen: 8.037 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

Instrument :

BNA_F

ClientSampleId :

TP-12

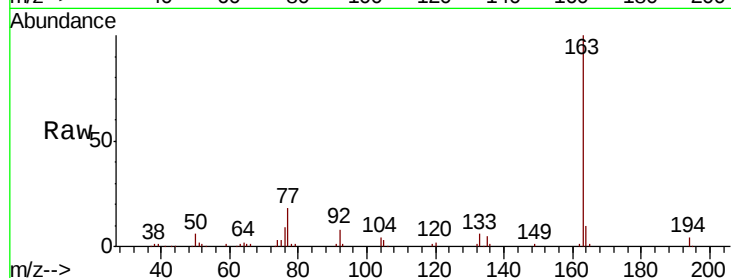
Tot Ion:163 Resp: 139061

Ion Ratio Lower Upper

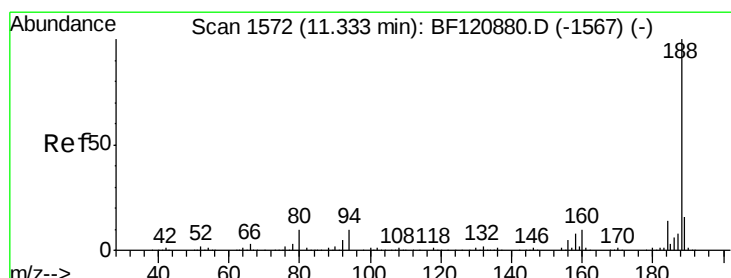
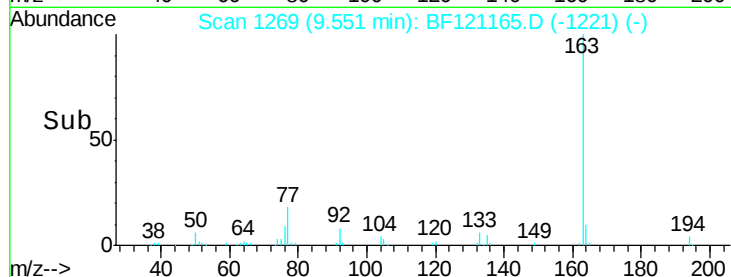
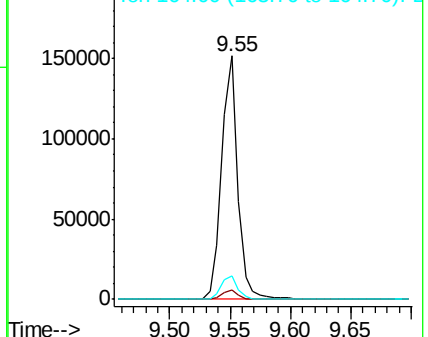
163 100

194 4.1 3.0 4.4

164 9.5 8.4 12.6



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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

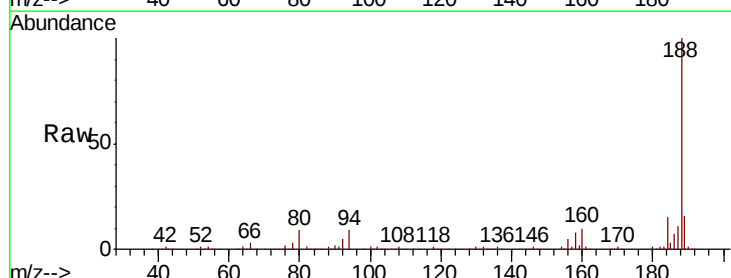
Tgt Ion:188 Resp: 455936

Ion Ratio Lower Upper

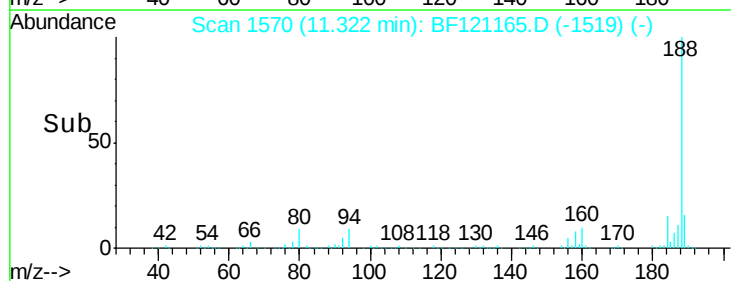
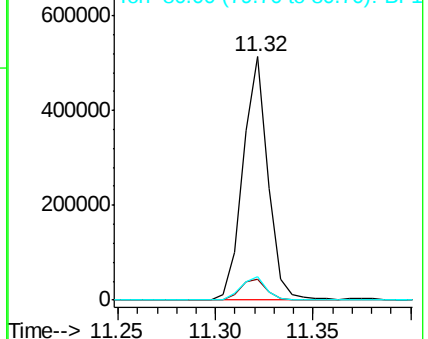
188 100

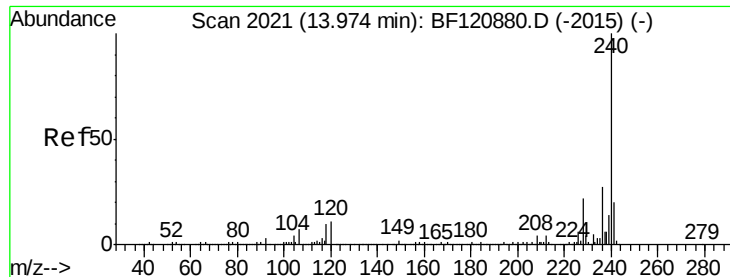
94 8.8 8.0 12.0

80 9.5 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. -0.00 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

Instrument :

BNA_F

ClientSampleId :

TP-12

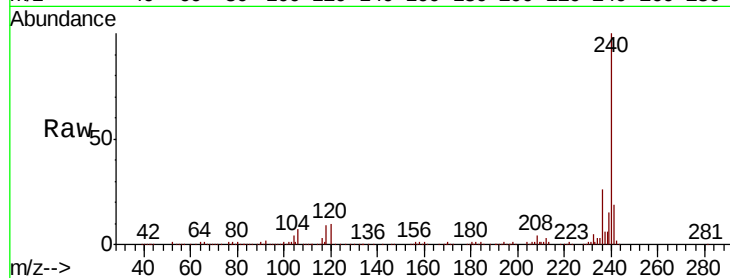
Tot Ion:240 Resp: 336999

Ion Ratio Lower Upper

240 100

120 9.6 9.3 13.9

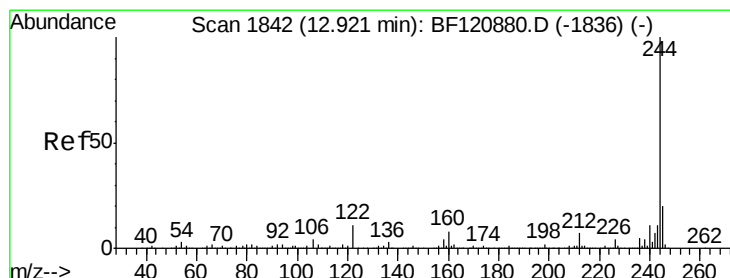
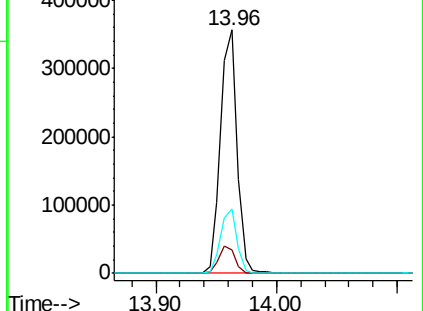
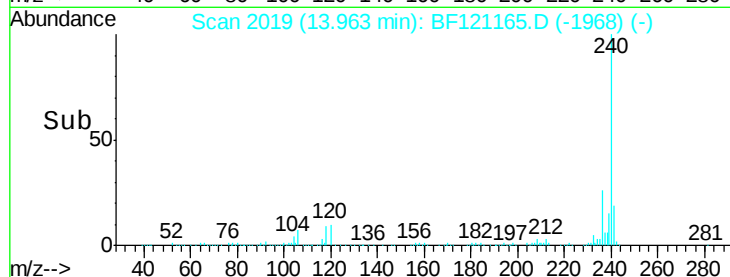
236 26.4 21.1 31.7



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: 74.865 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121165.D

Acq: 31 Jul 2020 18:33

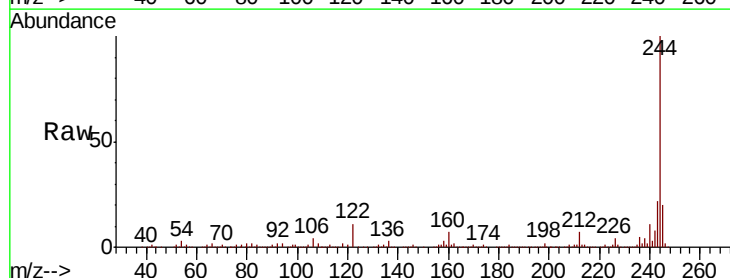
Tgt Ion:244 Resp: 1160631

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

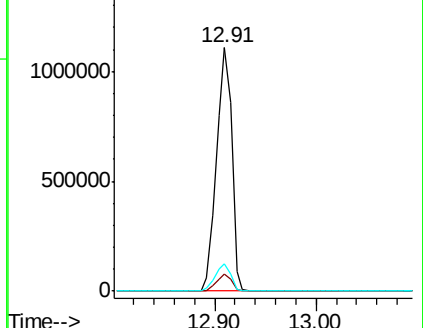
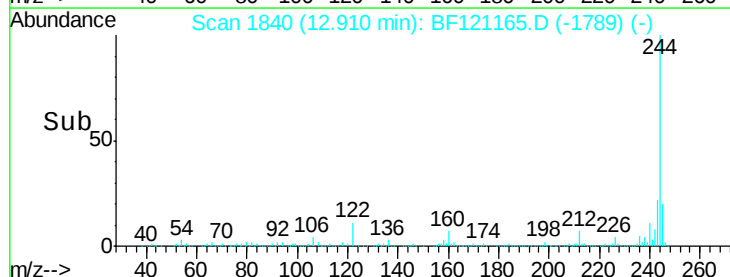
122 11.1 8.3 12.5

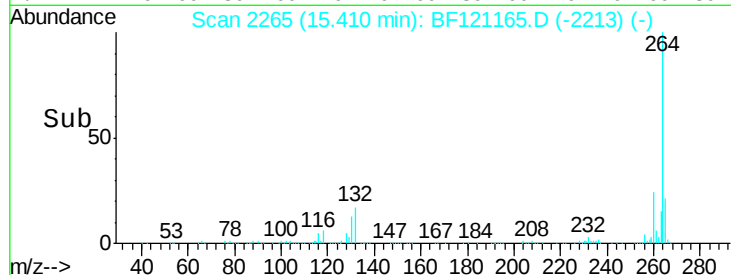
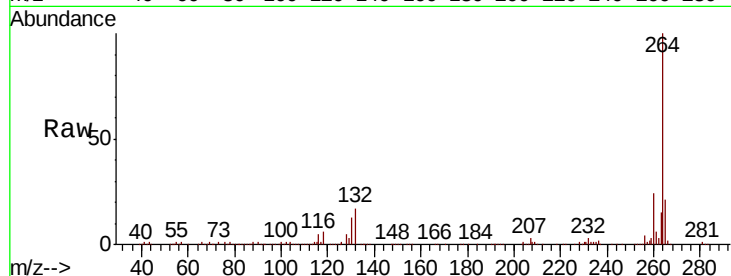
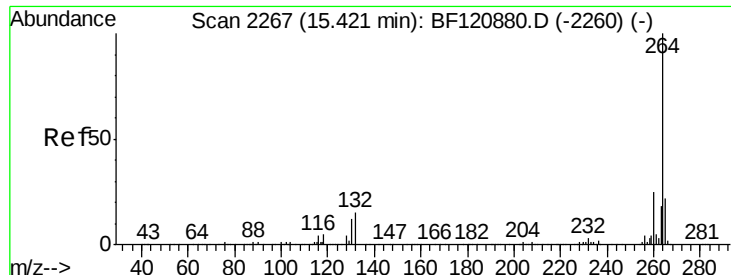


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121165.D
 Acq: 31 Jul 2020 18:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion:	264	Resp:	285166
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.5	17.8	26.8

