

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121029.D
 Acq On : 27 Jul 2020 13:22
 Operator : JU/CG
 Sample : PB130493BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130493BL

Quant Time: Jul 27 15:28:16 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	161383	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	594788	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	298055	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	577284	20.00	ng	0.00
76) Chrysene-d12	13.97	240	456822	20.00	ng	0.00
86) Perylene-d12	15.42	264	409370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1233987	125.35	ng	0.00
7) Phenol-d6	6.45	99	1505850	118.42	ng	0.00
23) Nitrobenzene-d5	7.38	82	959552	93.35	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	477027	146.21	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1751357	87.73	ng	0.00
79) Terphenyl-d14	12.92	244	1971596	93.82	ng	0.00

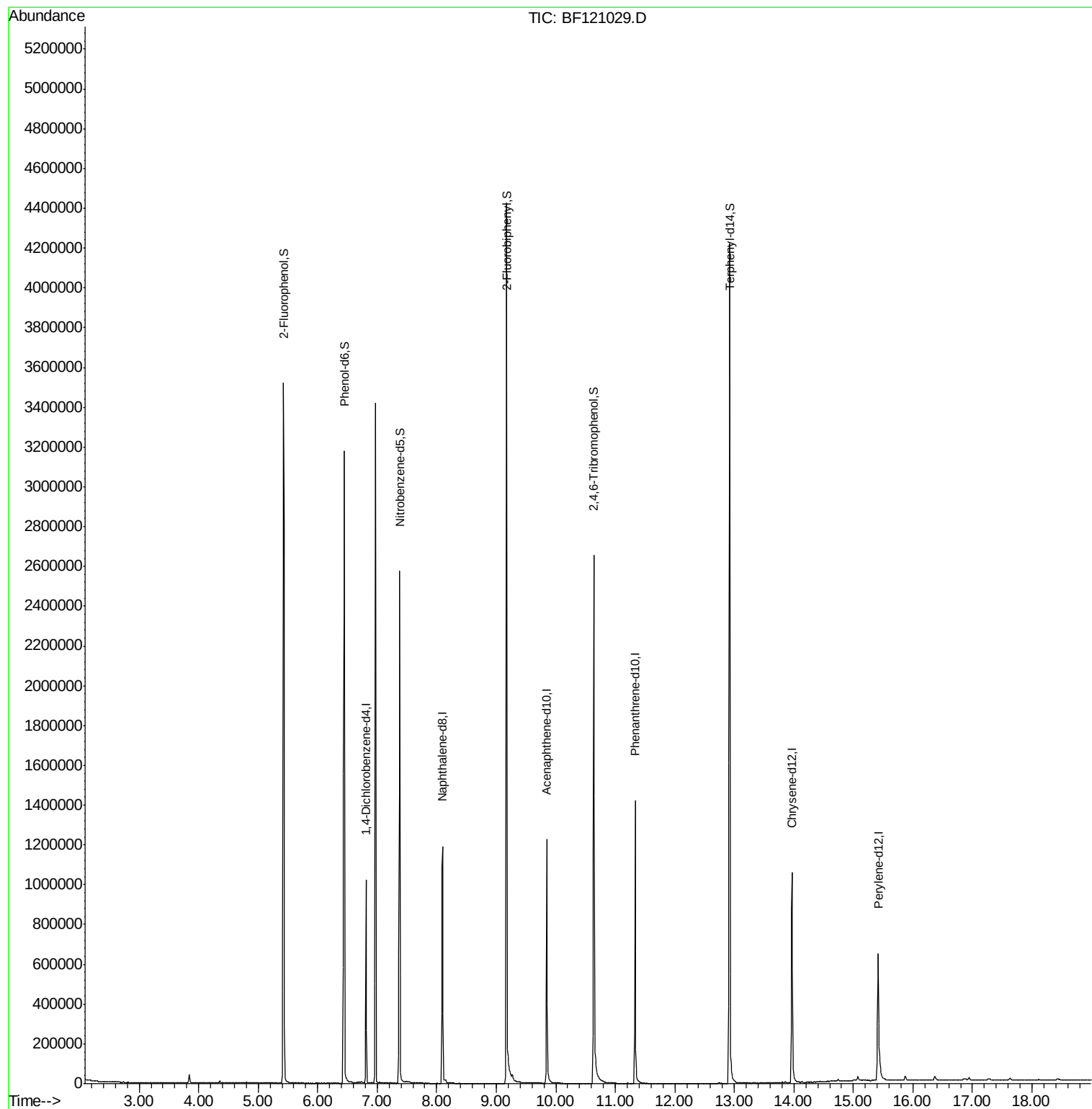
Target Compounds Qvalue

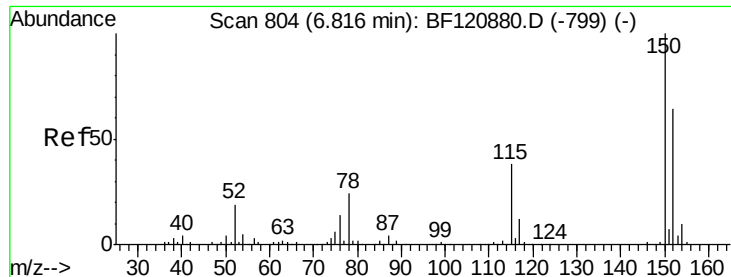
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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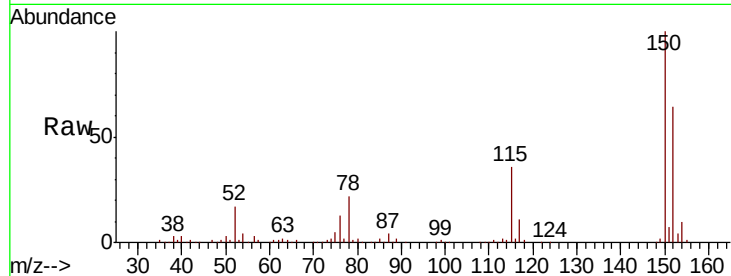


#1

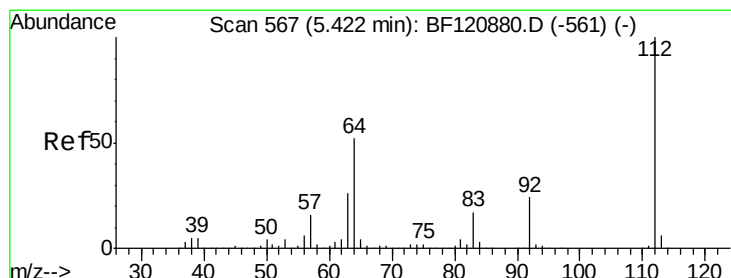
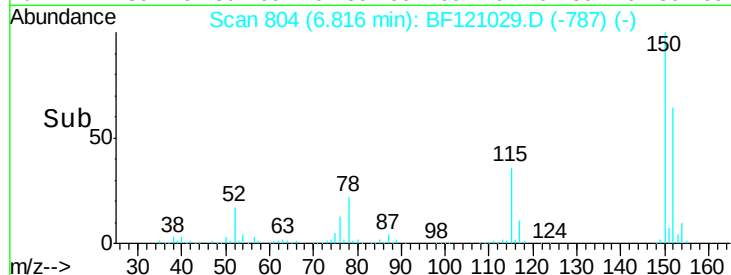
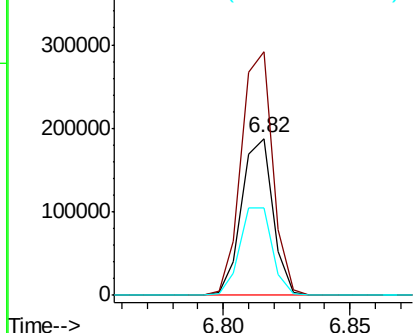
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121029.D
Acq: 27 Jul 2020 13:22

Instrument :
BNA_F
ClientSampleId :
PB130493BL

Tot Ion:152 Resp: 161383
Ion Ratio Lower Upper
152 100
150 155.3 125.0 187.6
115 55.8 47.0 70.4



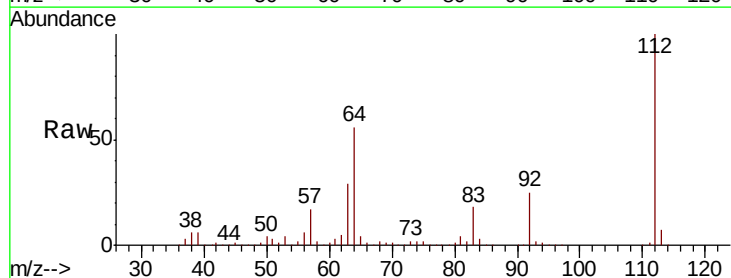
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



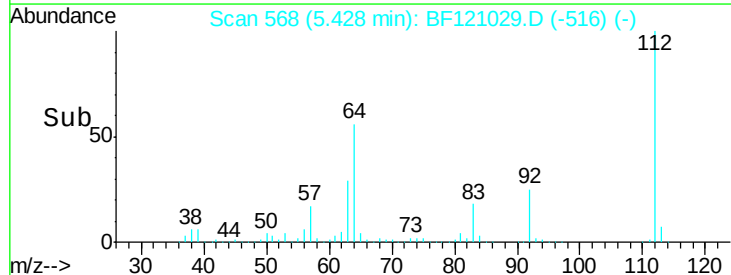
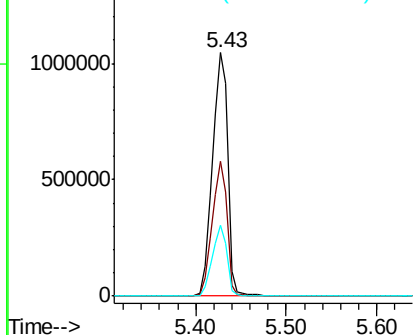
#5

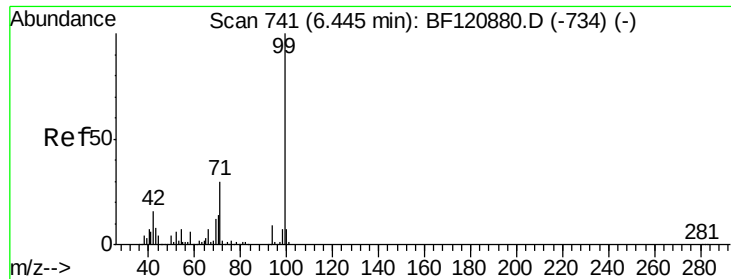
2-Fluorophenol
Concen: 125.351 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121029.D
Acq: 27 Jul 2020 13:22

Tgt Ion:112 Resp: 1233987
Ion Ratio Lower Upper
112 100
64 55.6 41.3 61.9
63 29.1 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: 118.419 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121029.D

Acq: 27 Jul 2020 13:22

Instrument :

BNA_F

ClientSampleId :

PB130493BL

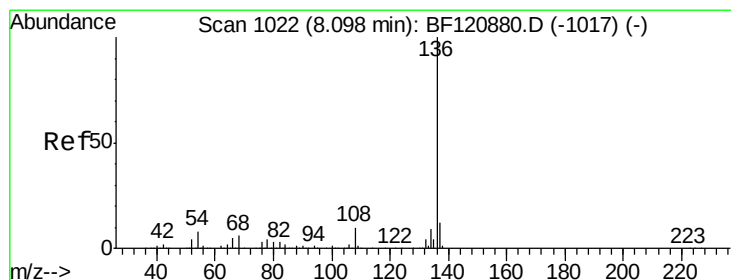
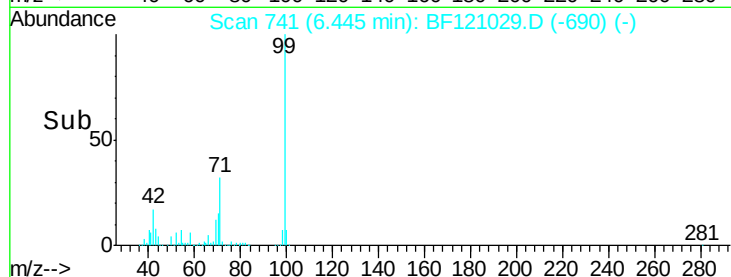
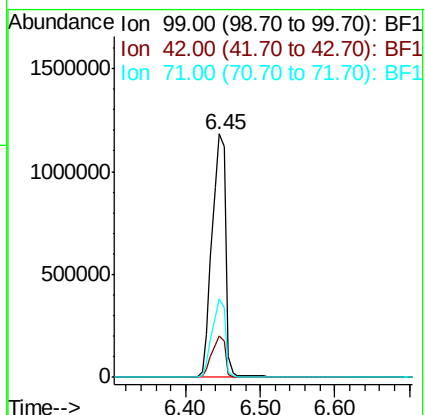
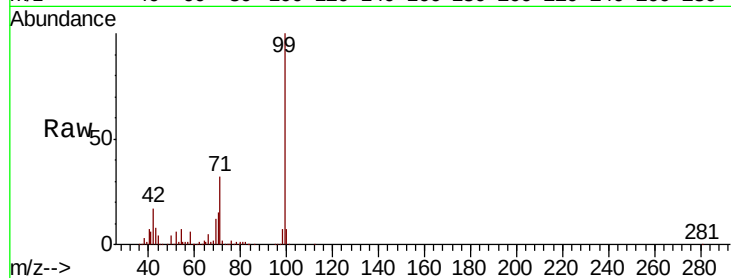
Tot Ion: 99 Resp: 1505850

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 32.2 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF121029.D

Acq: 27 Jul 2020 13:22

Tgt Ion: 136 Resp: 594788

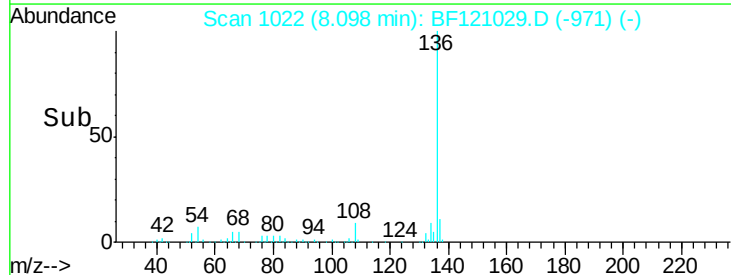
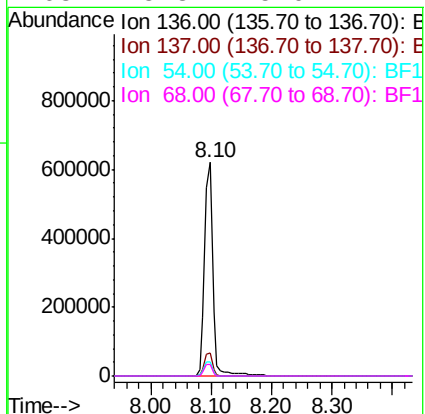
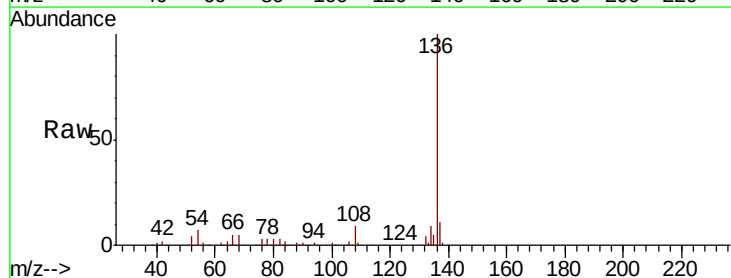
Ion Ratio Lower Upper

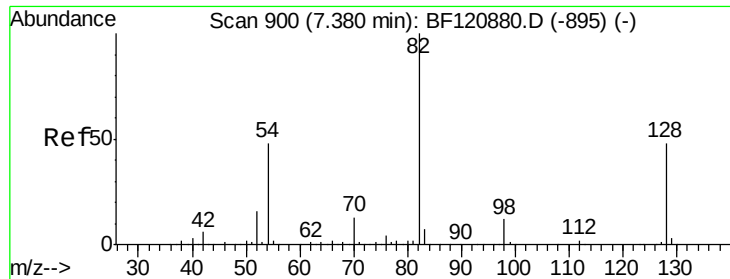
136 100

137 10.7 9.3 13.9

54 6.6 6.3 9.5

68 5.3 5.0 7.4

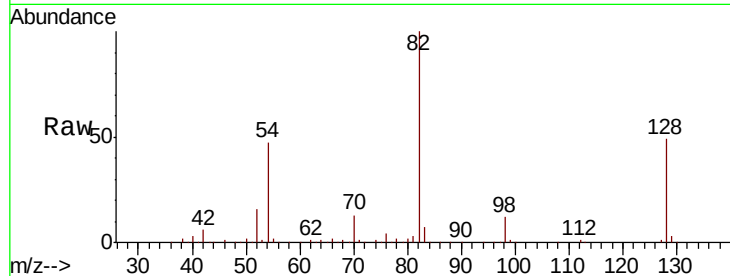




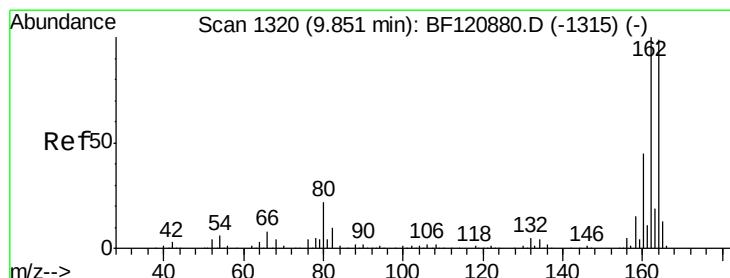
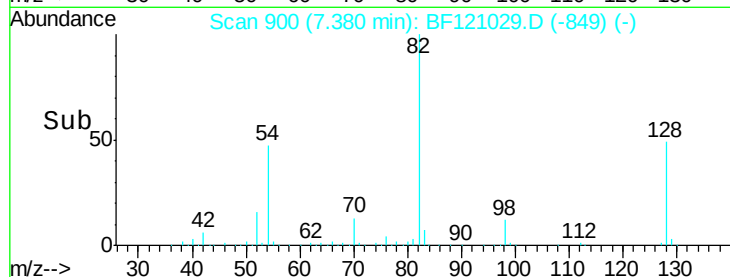
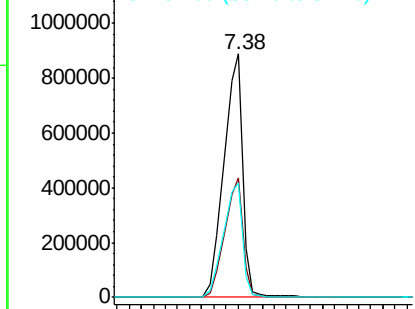
#23
Nitrobenzene-d5
Concen: 93.349 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121029.D
Acq: 27 Jul 2020 13:22

Instrument :
BNA_F
ClientSampleId :
PB130493BL

Tot Ion: 82 Resp: 959552
Ion Ratio Lower Upper
82 100
128 49.2 38.2 57.4
54 46.9 38.7 58.1

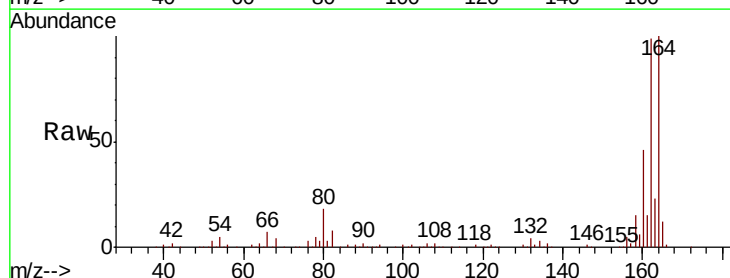


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

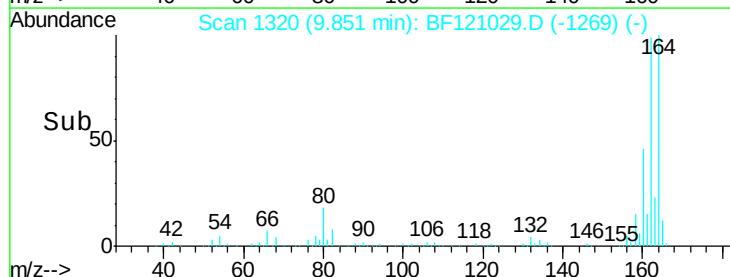
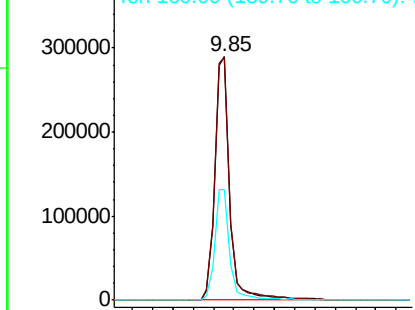


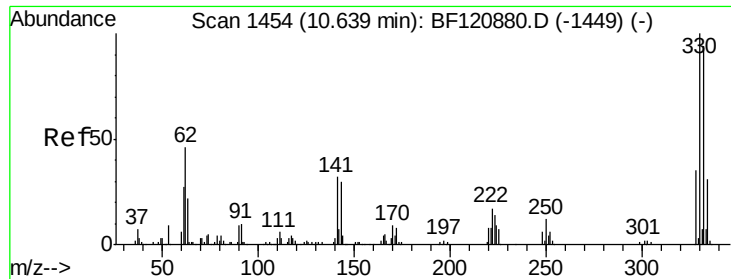
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121029.D
Acq: 27 Jul 2020 13:22

Tgt Ion: 164 Resp: 298055
Ion Ratio Lower Upper
164 100
162 99.4 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

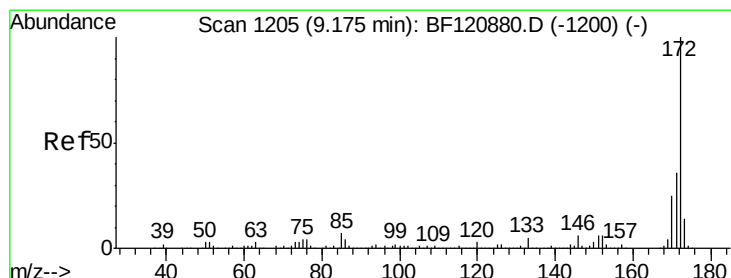
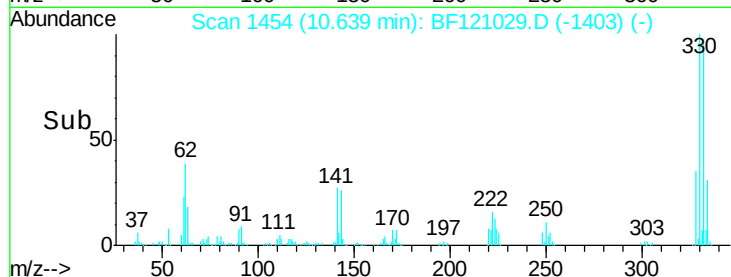
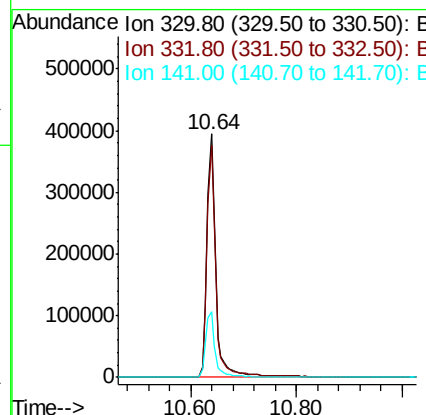
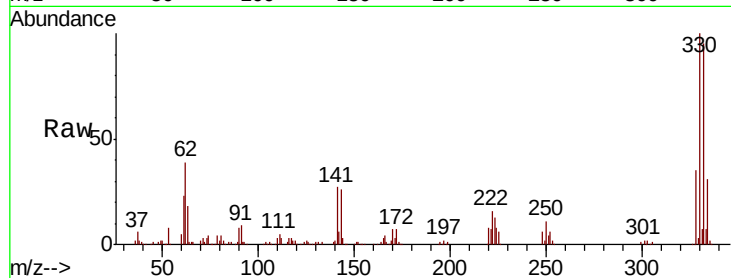




#42
 2,4,6-Tribromophenol
 Concen: 146.215 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121029.D
 Acq: 27 Jul 2020 13:22

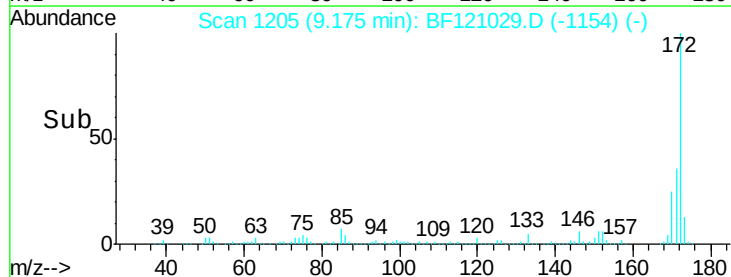
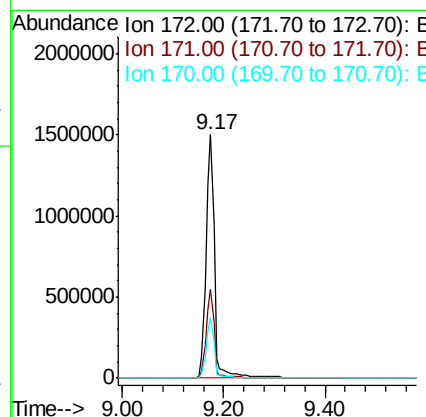
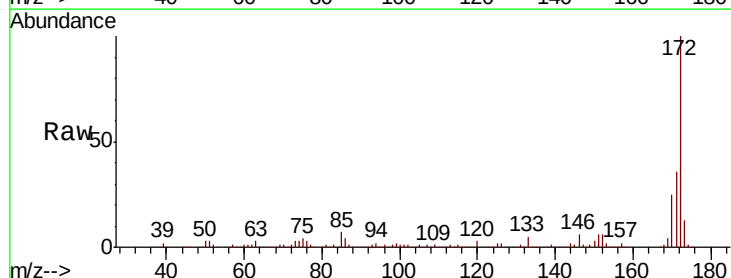
Instrument :
 BNA_F
 ClientSampleId :
 PB130493BL

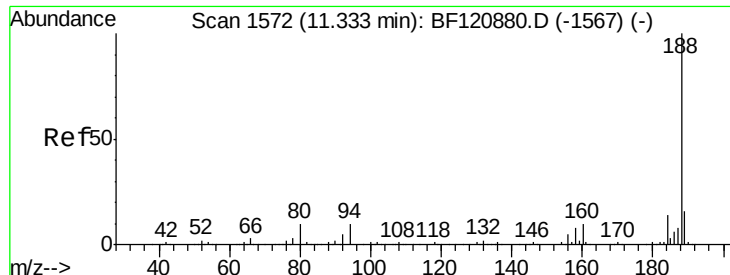
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	75.5	113.3
141	29.1	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 87.731 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121029.D
 Acq: 27 Jul 2020 13:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.6	19.6	29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121029.D

Acq: 27 Jul 2020 13:22

Instrument :

BNA_F

ClientSampleId :

PB130493BL

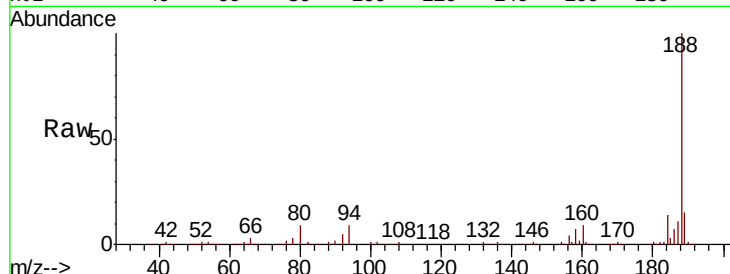
Tot Ion:188 Resp: 577284

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

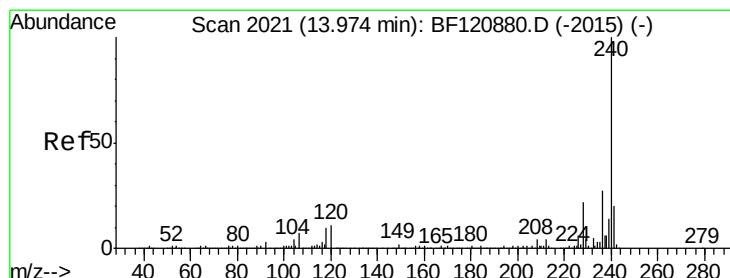
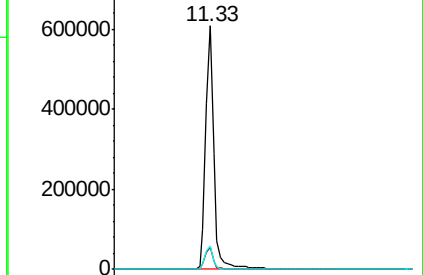
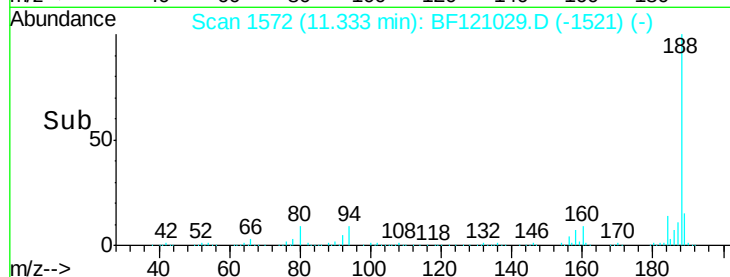
80 9.4 8.3 12.5



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: BF121029.D

Acq: 27 Jul 2020 13:22

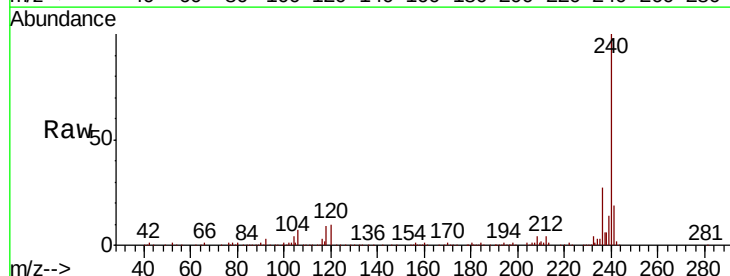
Tgt Ion:240 Resp: 456822

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.4

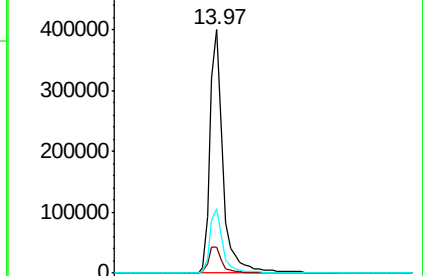
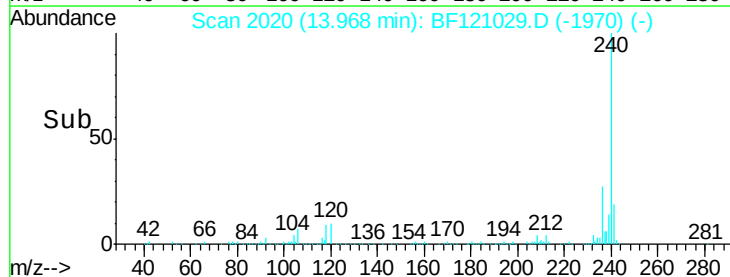
236 26.6 21.7 32.5

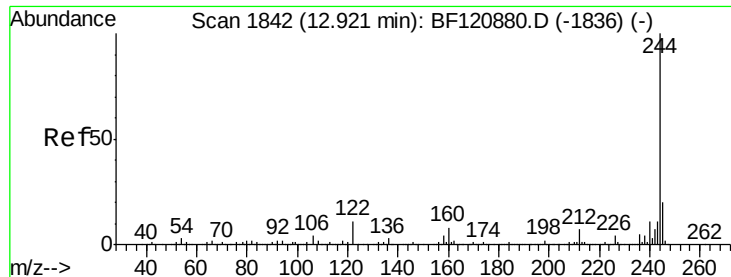


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.818 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121029.D

Acq: 27 Jul 2020 13:22

Instrument :

BNA_F

ClientSampleId :

PB130493BL

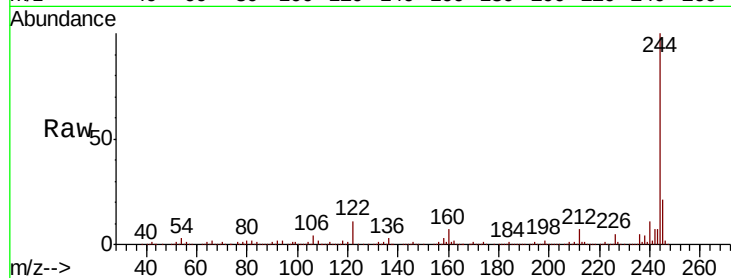
Tot Ion:244 Resp: 1971596

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

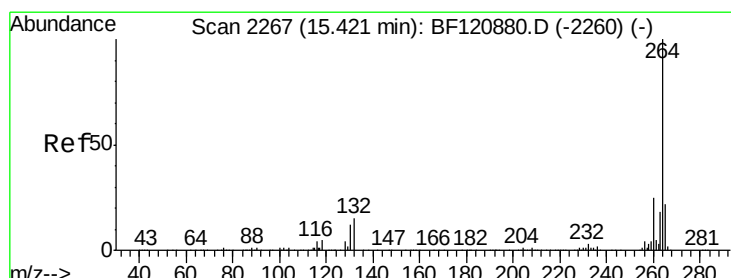
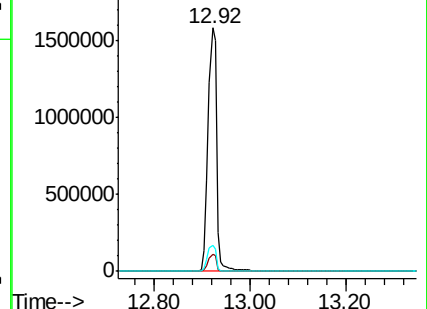
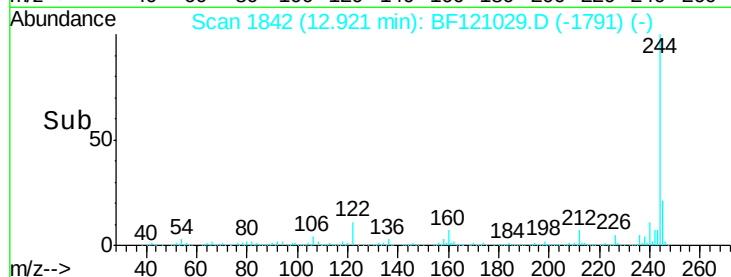
122 10.7 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121029.D

Acq: 27 Jul 2020 13:22

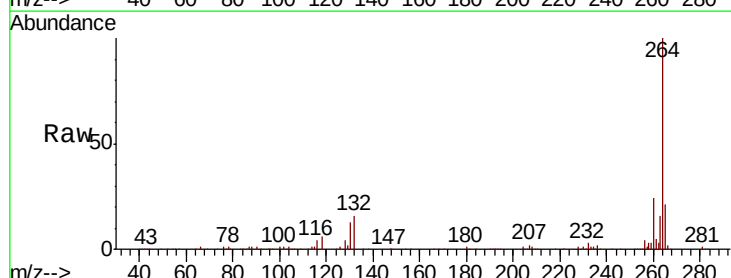
Tgt Ion:264 Resp: 409370

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 21.0 17.4 26.2



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

