

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
 Data File : BF121496.D
 Acq On : 1 Sep 2020 14:47
 Operator : JU/CG
 Sample : PB131322BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131322BL

Quant Time: Sep 01 17:25:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	287636	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1112754	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	582109	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1135761	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1001641	20.00	ng	0.00
86) Perylene-d12	15.50	264	986797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1931933	112.69	ng	0.00
7) Phenol-d6	6.48	99	2515716	105.00	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1655938	101.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	810368	137.83	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2913230	80.75	ng	-0.01
79) Terphenyl-d14	12.97	244	3276686	68.86	ng	0.00

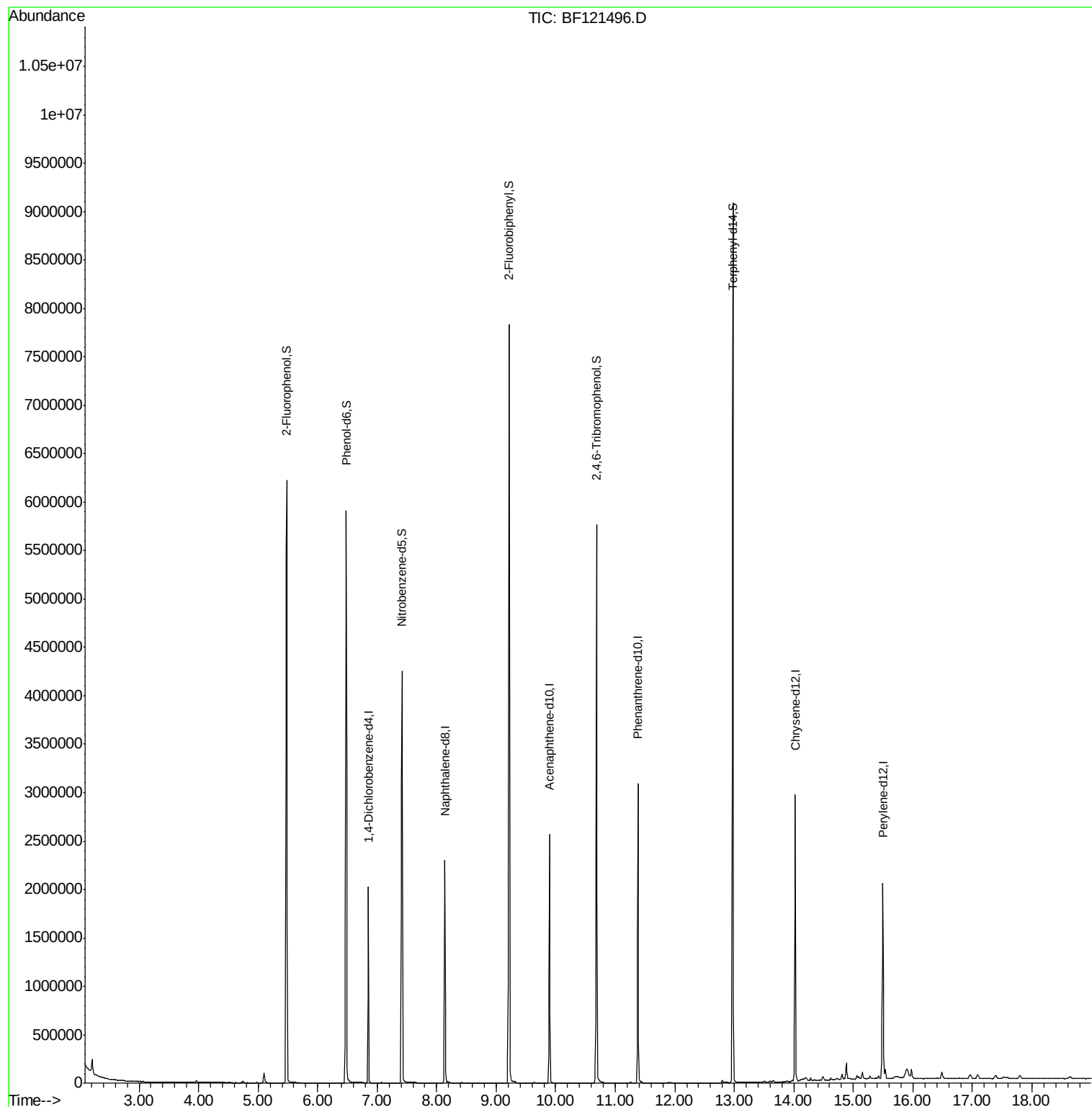
Target Compounds Qvalue

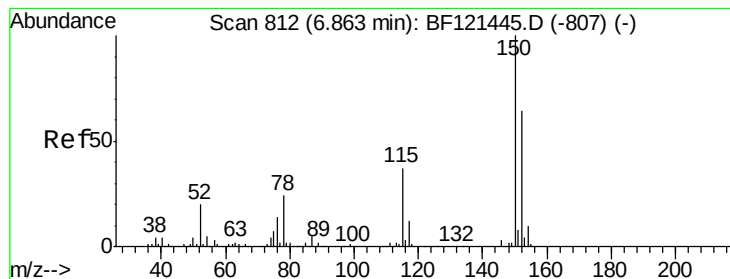
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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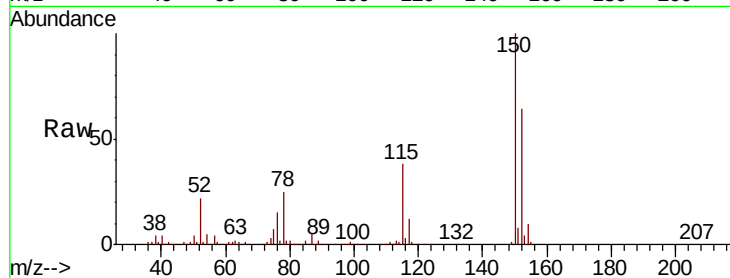


#1

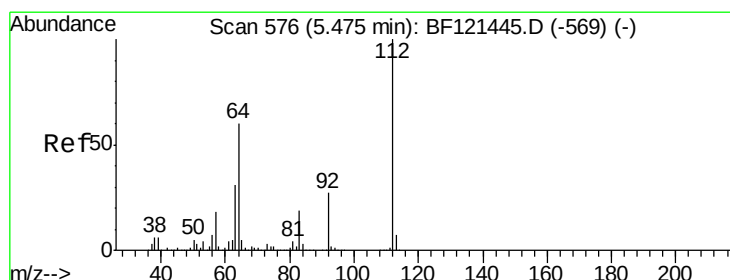
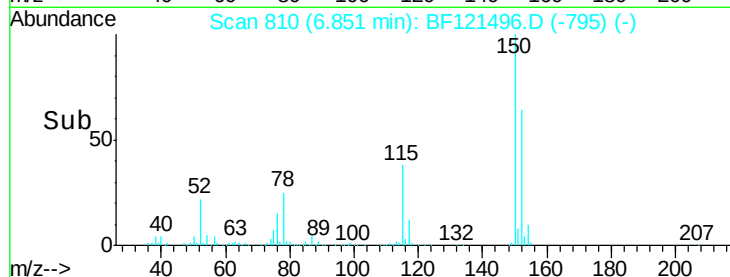
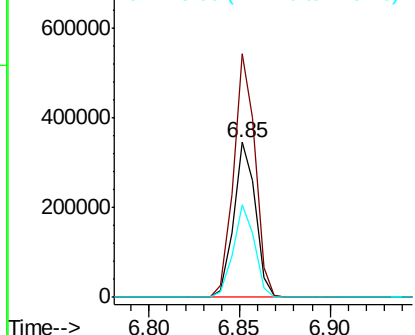
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF121496.D
Acq: 1 Sep 2020 14:47

Instrument :
BNA_F
ClientSampleId :
PB131322BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.8	188.6
115	59.9	46.6	69.8



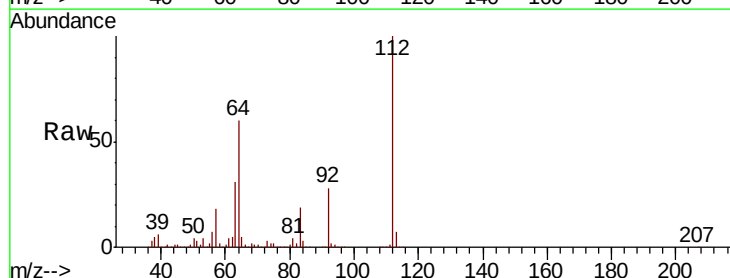
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



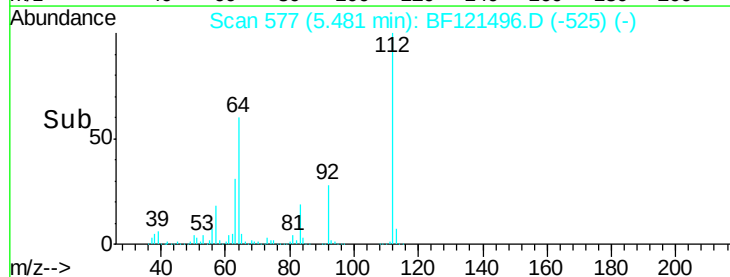
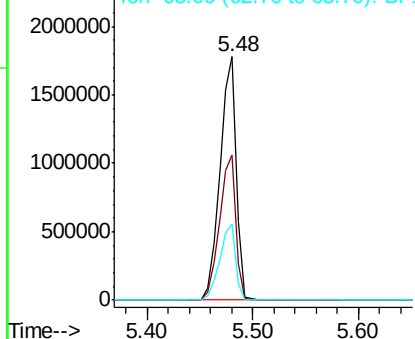
#5

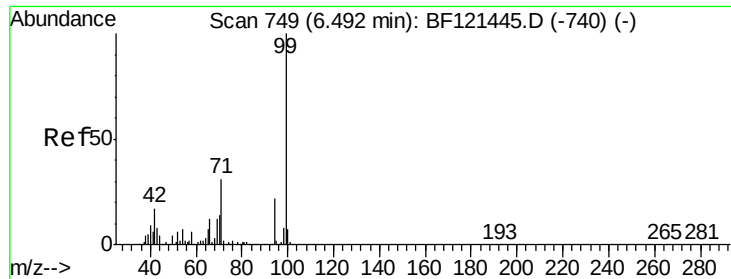
2-Fluorophenol
Concen: 112.687 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF121496.D
Acq: 1 Sep 2020 14:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.2	72.2
63	31.1	24.8	37.2



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: 105.003 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121496.D

Acq: 1 Sep 2020 14:47

Instrument :

BNA_F

ClientSampleId :

PB131322BL

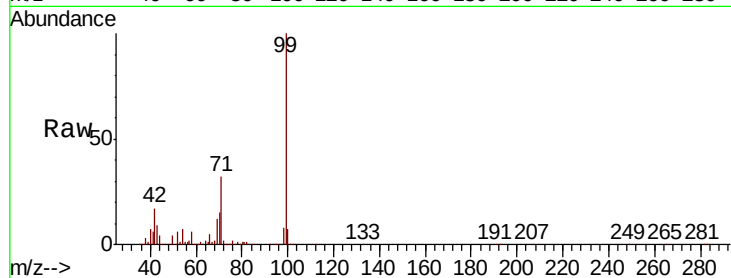
Tot Ion: 99 Resp: 2515716

Ion Ratio Lower Upper

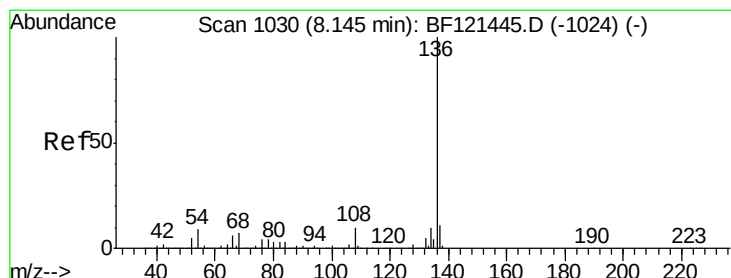
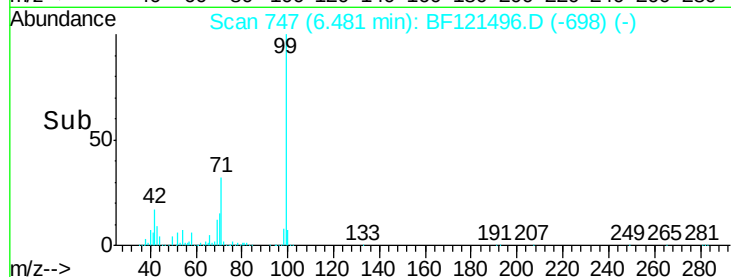
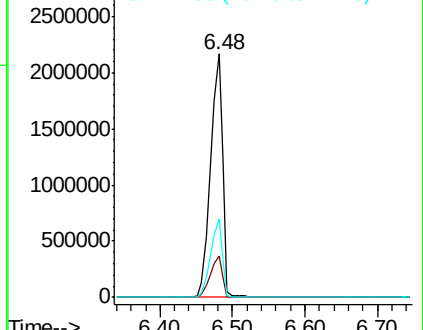
99 100

42 16.9 13.5 20.3

71 32.1 24.6 37.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121496.D

Acq: 1 Sep 2020 14:47

Tgt Ion: 136 Resp: 1112754

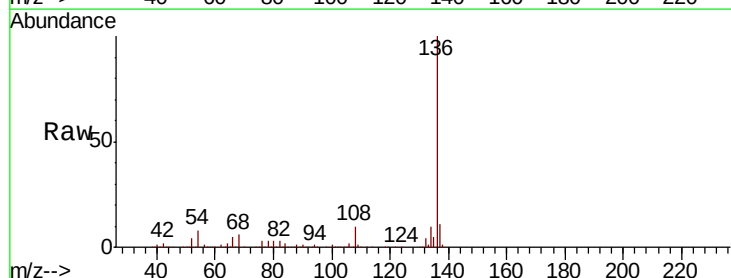
Ion Ratio Lower Upper

136 100

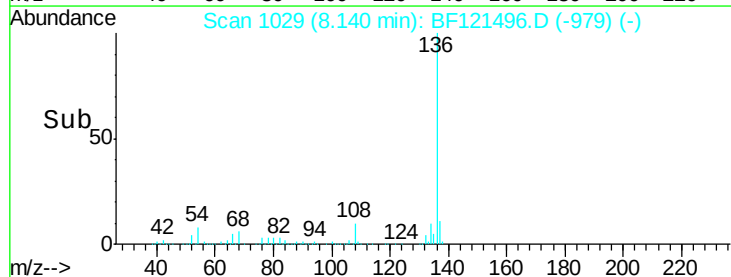
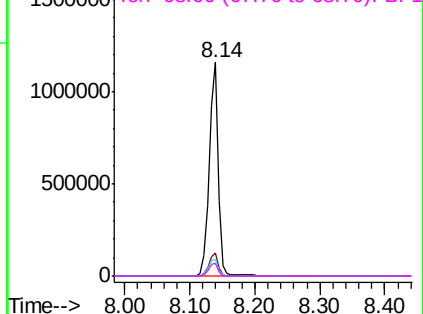
137 11.0 9.1 13.7

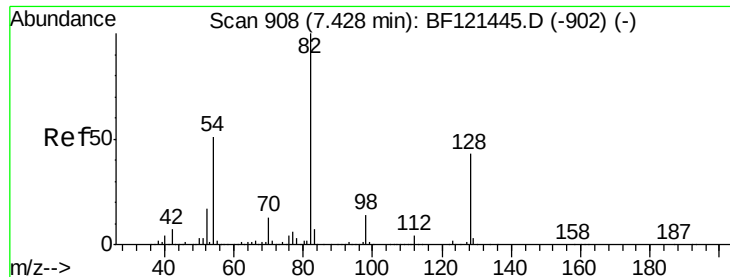
54 7.7 7.0 10.4

68 6.2 5.5 8.3



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

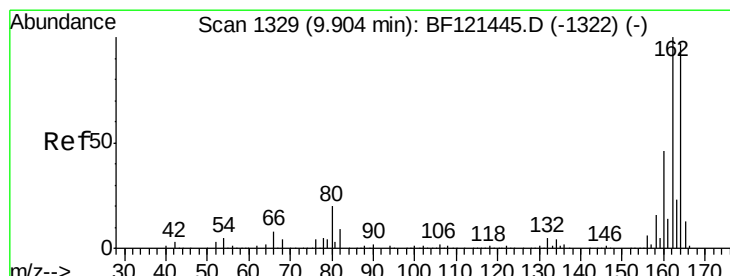
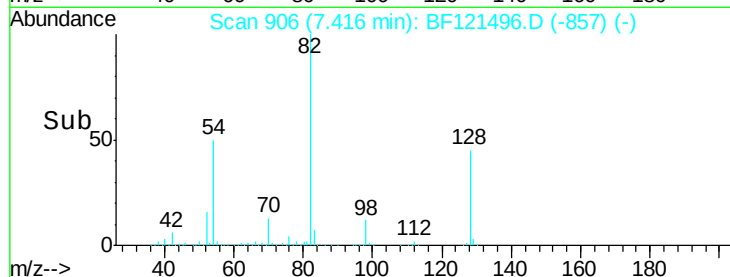
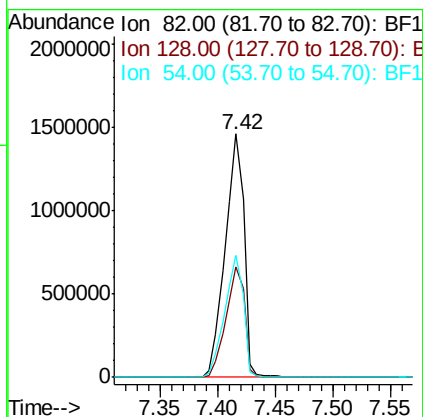
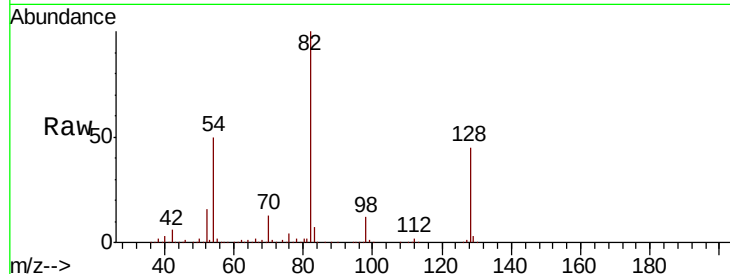




#23
Nitrobenzene-d5
Concen: 101.738 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF121496.D
Acq: 1 Sep 2020 14:47

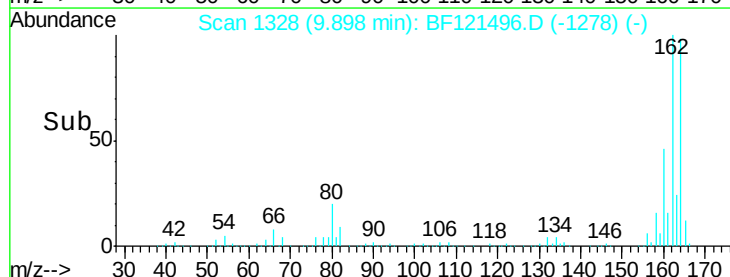
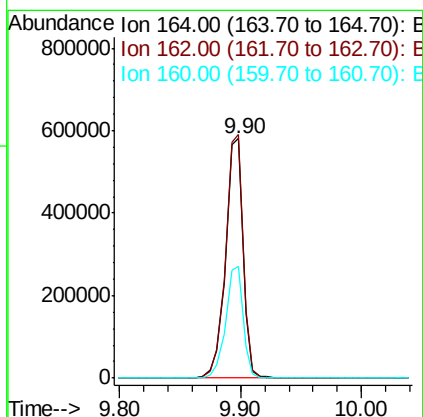
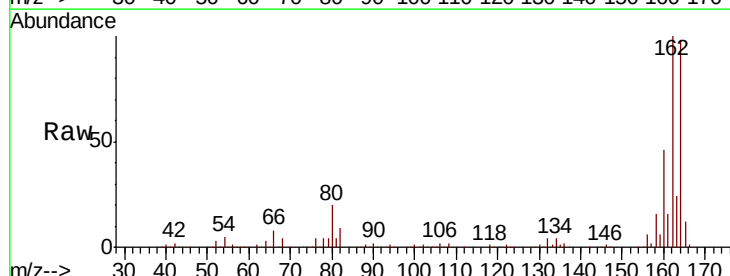
Instrument :
BNA_F
ClientSampleId :
PB131322BL

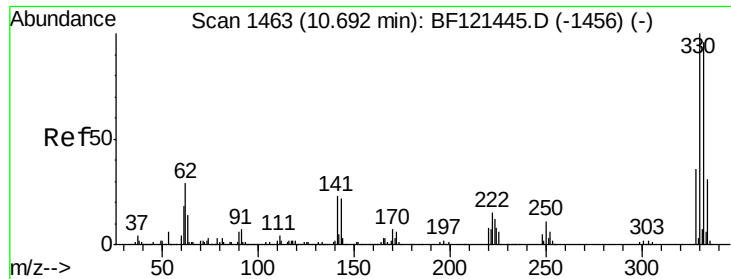
Tot Ion: 82 Resp: 1655938
Ion Ratio Lower Upper
82 100
128 45.4 34.1 51.1
54 50.0 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121496.D
Acq: 1 Sep 2020 14:47

Tgt Ion: 164 Resp: 582109
Ion Ratio Lower Upper
164 100
162 101.7 82.4 123.6
160 46.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 137.827 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121496.D

Acq: 1 Sep 2020 14:47

Instrument :

BNA_F

ClientSampleId :

PB131322BL

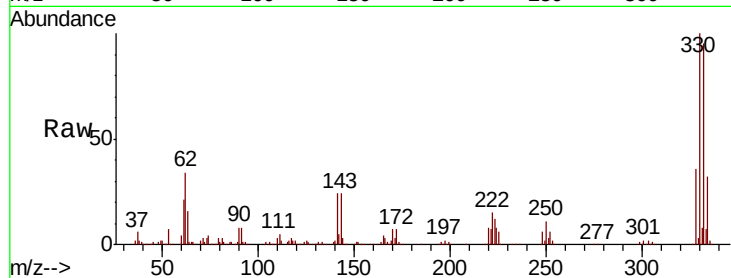
Tot Ion:330 Resp: 810368

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.2

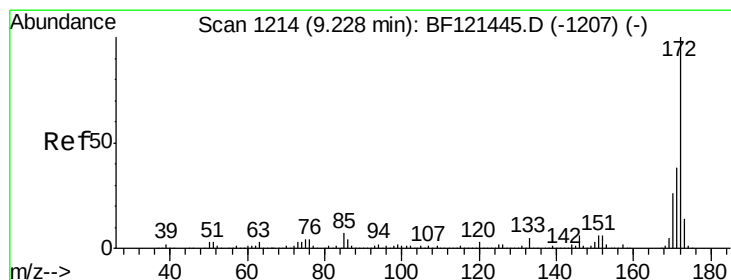
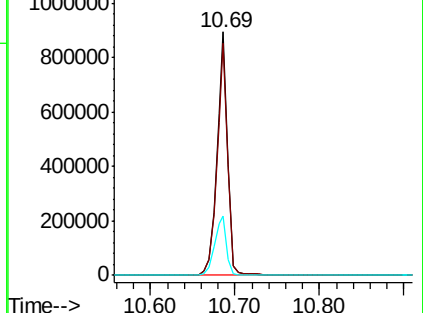
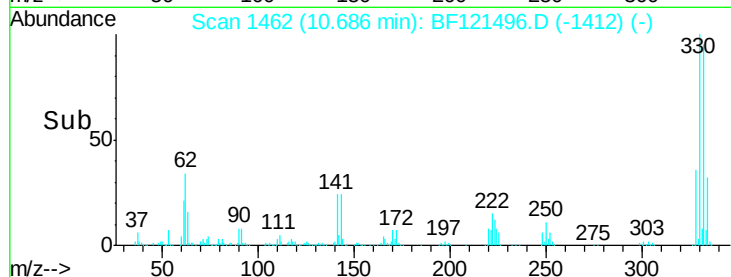
141 27.7 24.6 36.8



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: 80.751 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF121496.D

Acq: 1 Sep 2020 14:47

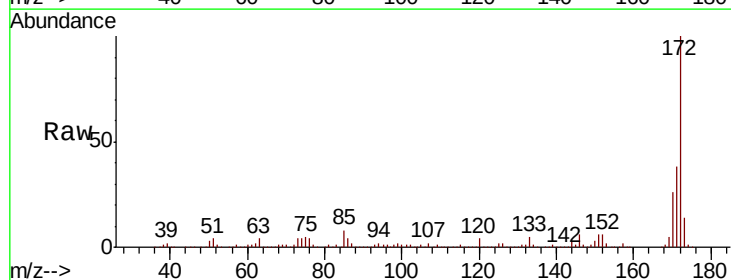
Tgt Ion:172 Resp: 2913230

Ion Ratio Lower Upper

172 100

171 37.8 30.6 45.8

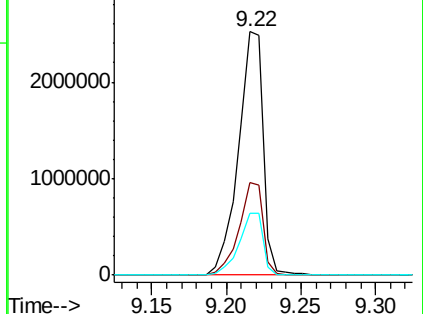
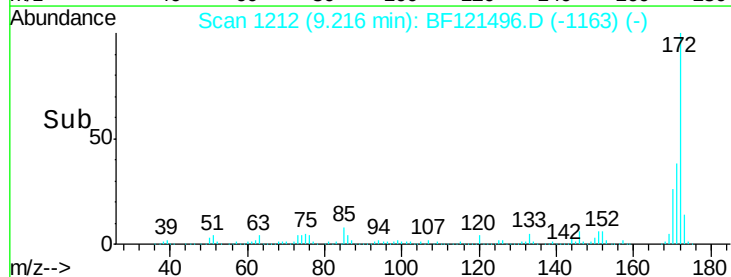
170 25.5 20.6 31.0

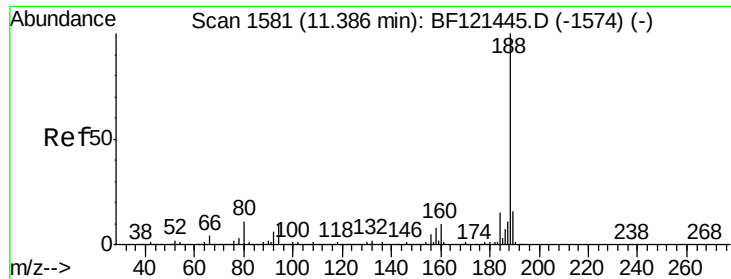


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF121496.D

Acq: 1 Sep 2020 14:47

Instrument :

BNA_F

ClientSampleId :

PB131322BL

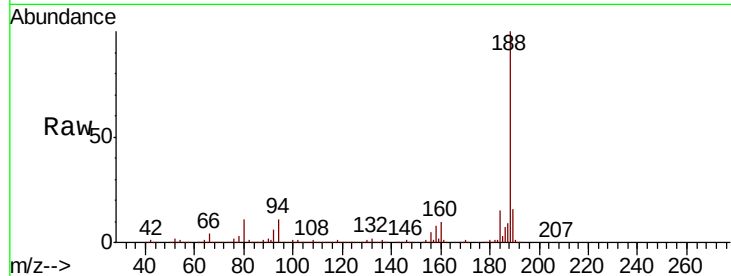
Tot Ion:188 Resp: 1135761

Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

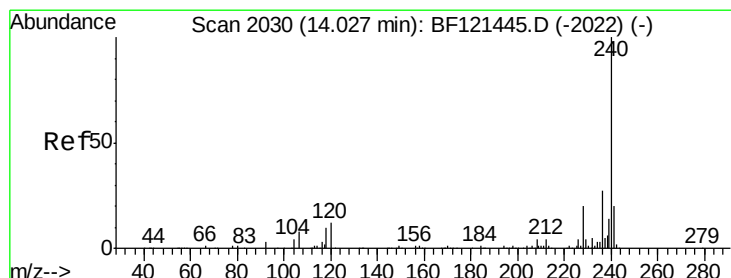
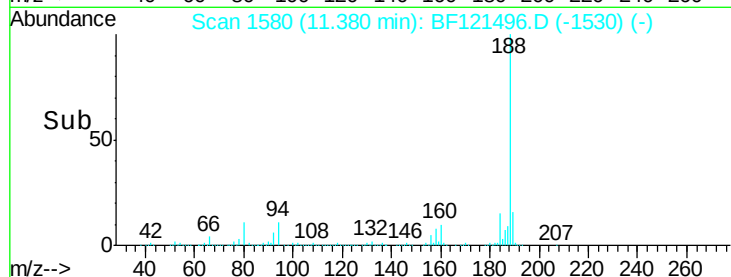
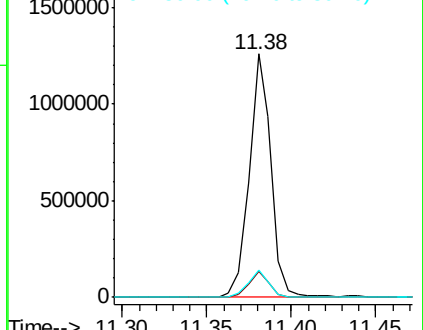
80 11.3 8.6 13.0



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF121496.D

Acq: 1 Sep 2020 14:47

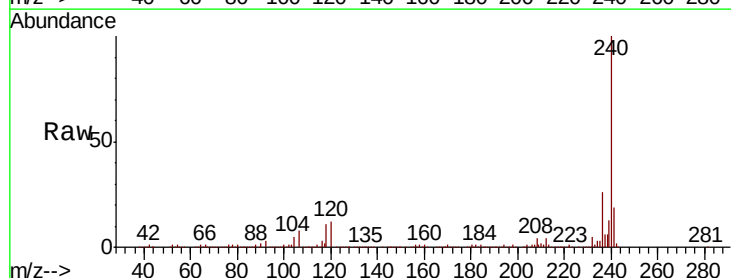
Tgt Ion:240 Resp: 1001641

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

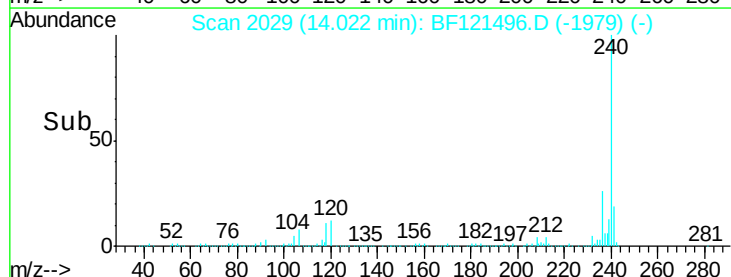
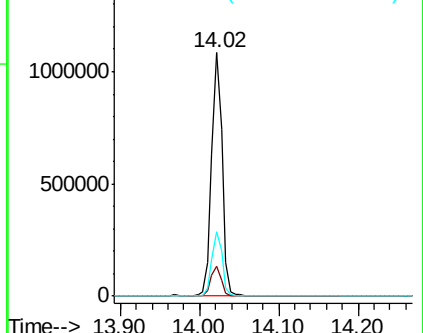
236 26.4 21.8 32.6

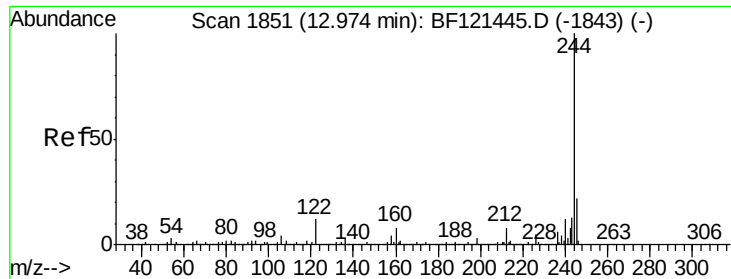


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

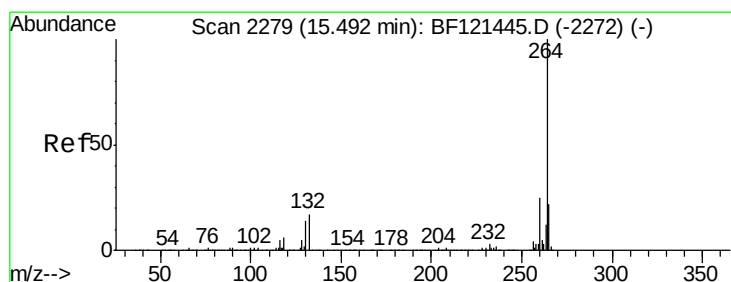
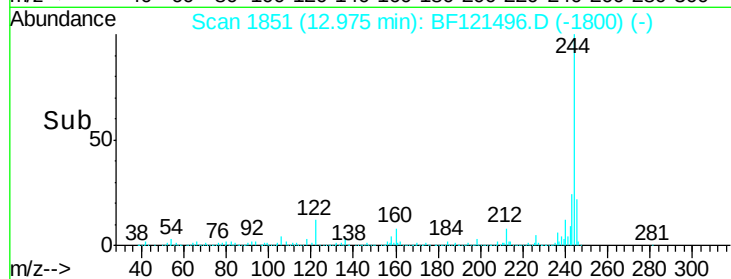
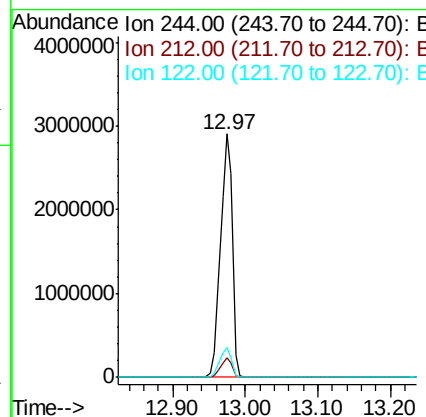
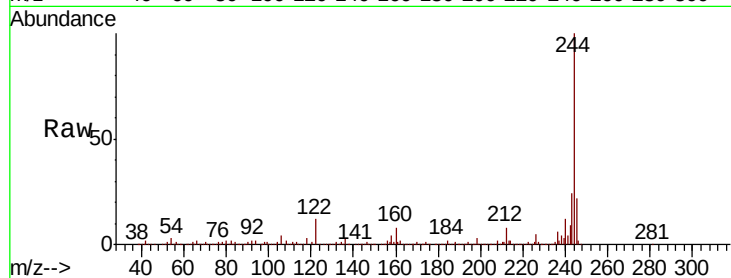




#79
 Terphenyl-d14
 Concen: 68.860 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF121496.D
 Acq: 1 Sep 2020 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB131322BL

Tot Ion:244 Resp: 3276686
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 12.4 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF121496.D
 Acq: 1 Sep 2020 14:47

Tgt Ion:264 Resp: 986797
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.5 17.8 26.6

