

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121881.D
 Acq On : 7 Oct 2020 19:01
 Operator : JU/CG
 Sample : L4225-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-100620

Quant Time: Oct 08 01:00:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	130411	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	485184	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	217992	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	348413	20.00	ng	0.00
76) Chrysene-d12	13.93	240	295799	20.00	ng	0.00
86) Perylene-d12	15.37	264	224310	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	119359	13.60	ng	0.00
7) Phenol-d6	6.41	99	156621	13.60	ng	0.00
23) Nitrobenzene-d5	7.33	82	98416	10.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	25618	9.46	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	200170	13.91	ng	-0.01
79) Terphenyl-d14	12.87	244	162272	11.11	ng	-0.01

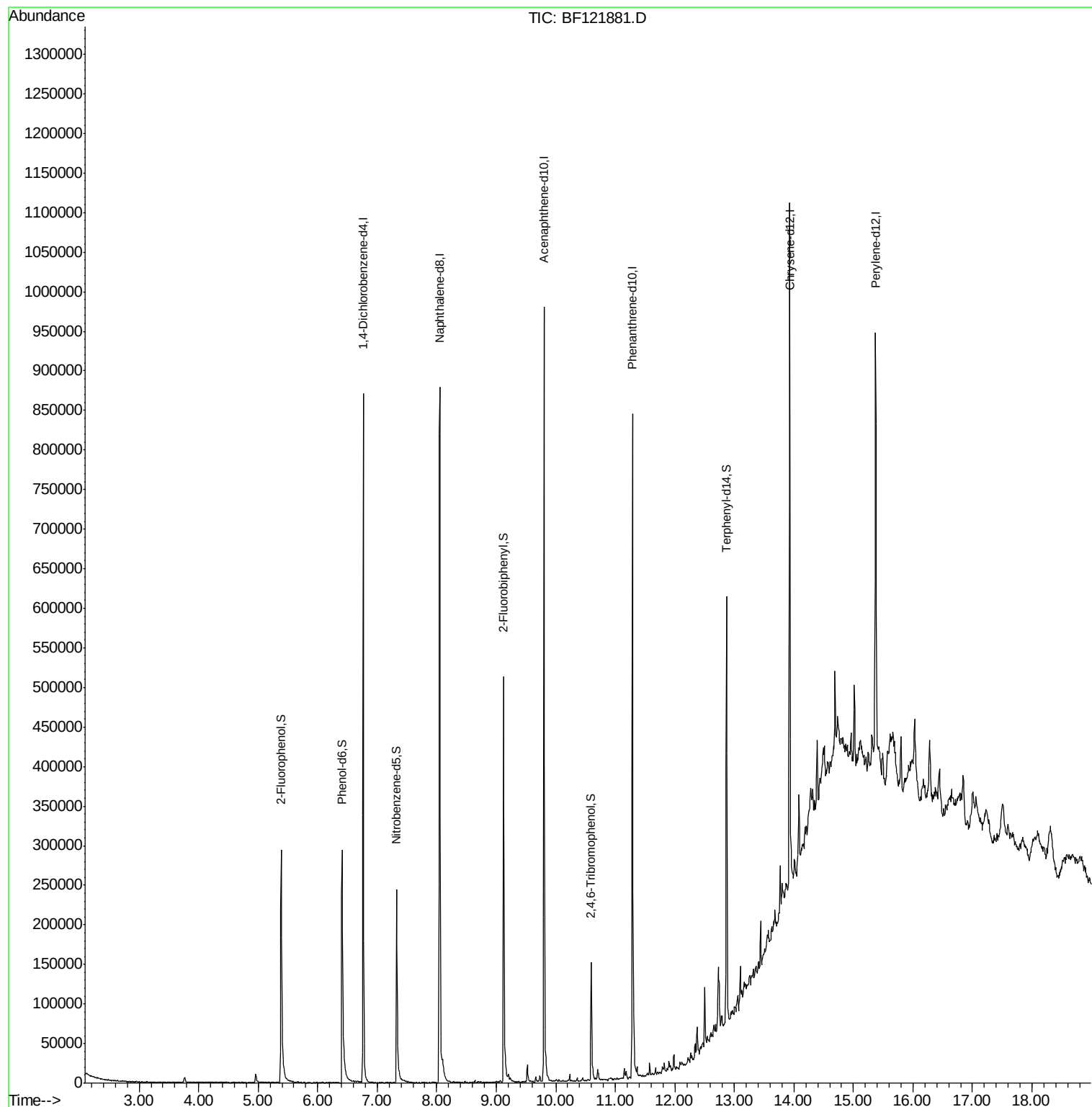
Target Compounds Qvalue

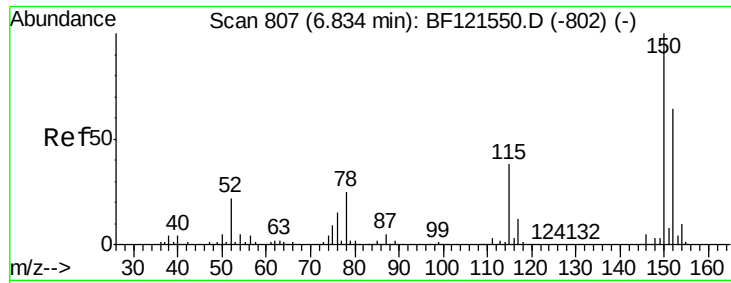
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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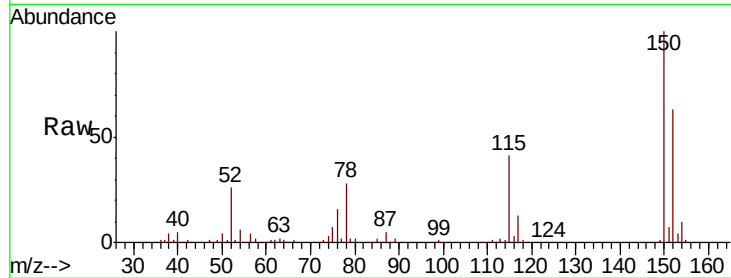


#1

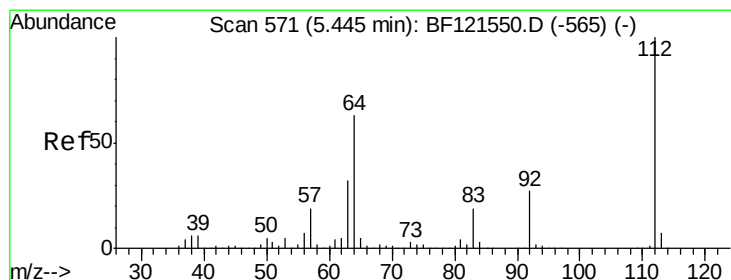
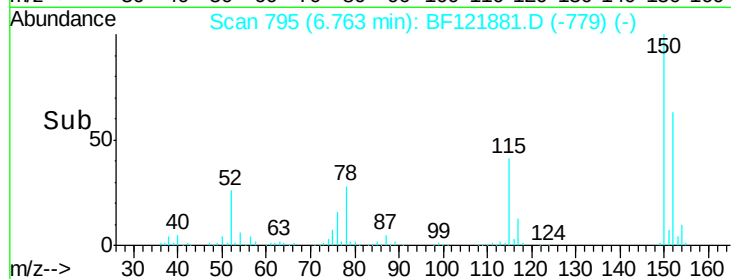
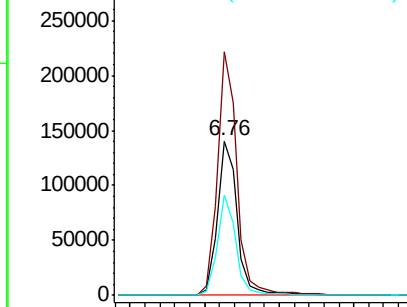
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121881.D
 Acq: 7 Oct 2020 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-100620

Tot Ion:152 Resp: 130411
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.3 187.9
 115 64.9 51.9 77.9



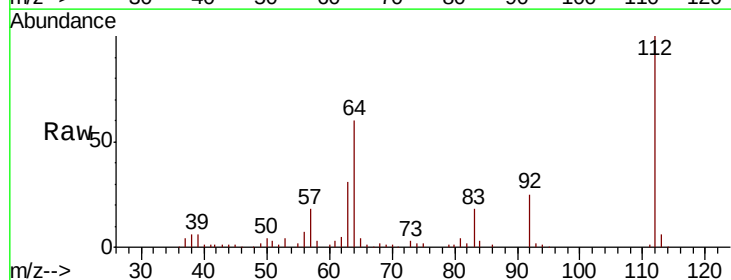
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



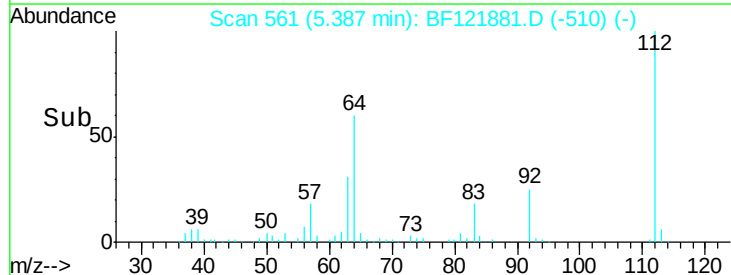
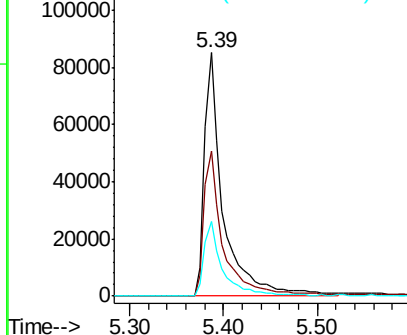
#5

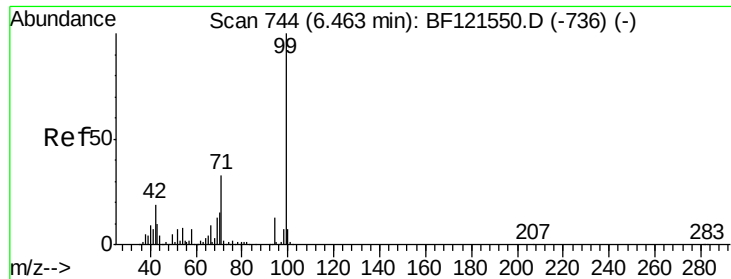
2-Fluorophenol
 Concen: 13.602 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF121881.D
 Acq: 7 Oct 2020 19:01

Tgt Ion:112 Resp: 119359
 Ion Ratio Lower Upper
 112 100
 64 59.8 50.4 75.6
 63 30.7 25.8 38.6



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: 13.604 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SU-04-100620

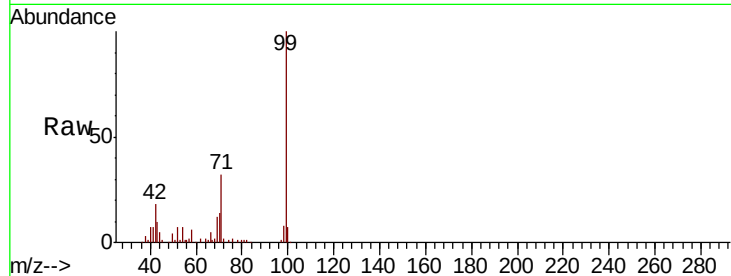
Tot Ion: 99 Resp: 156621

Ion Ratio Lower Upper

99 100

42 18.3 15.9 23.9

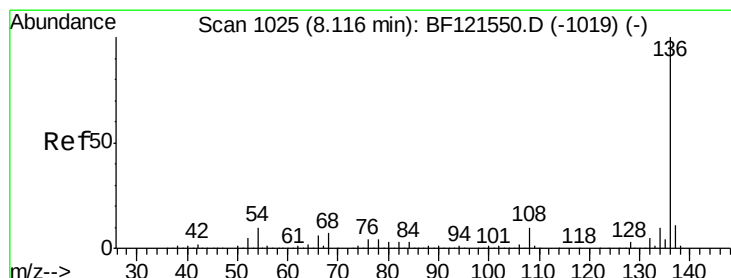
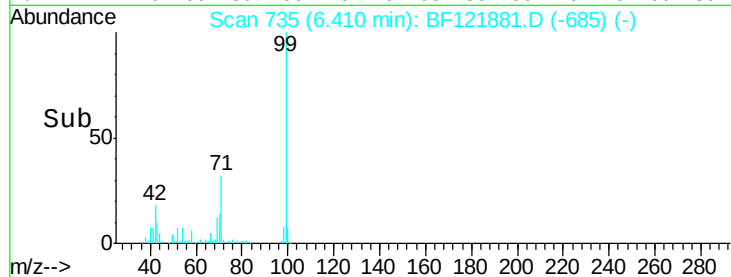
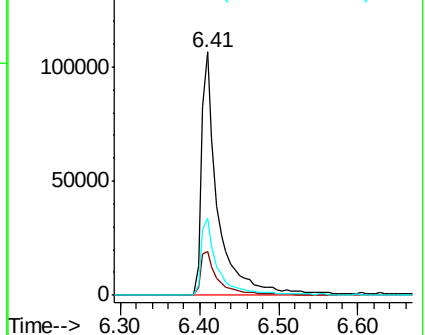
71 31.7 27.1 40.7



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: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

Tgt Ion: 136 Resp: 485184

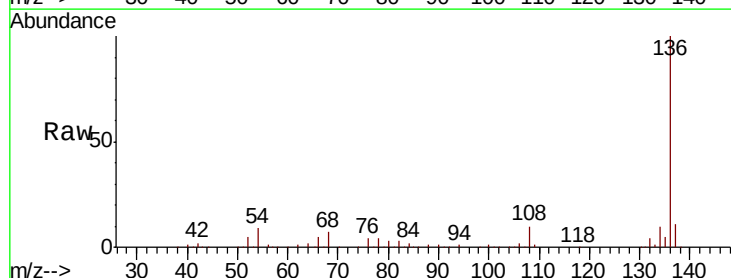
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.6 7.1 10.7

68 6.8 5.0 7.4

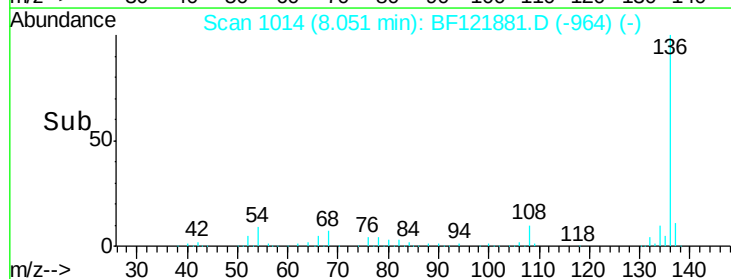
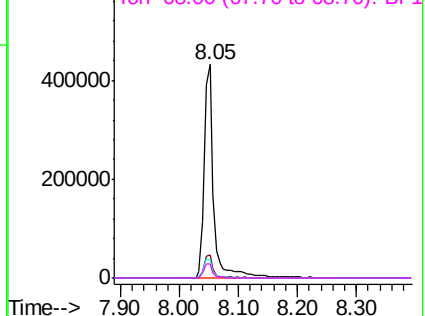


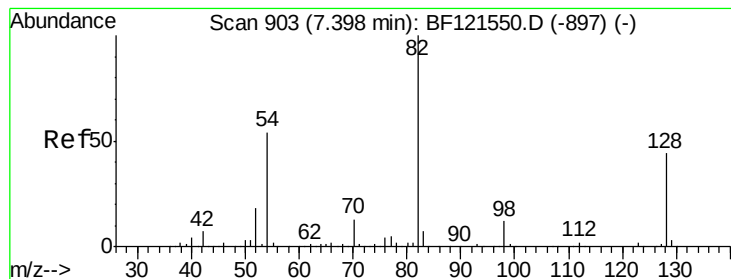
Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.891 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SU-04-100620

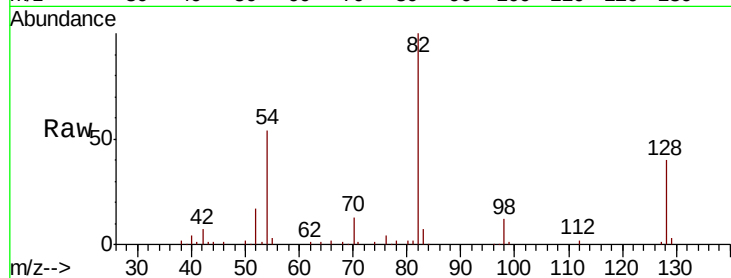
Tot Ion: 82 Resp: 98416

Ion Ratio Lower Upper

82 100

128 39.8 35.0 52.4

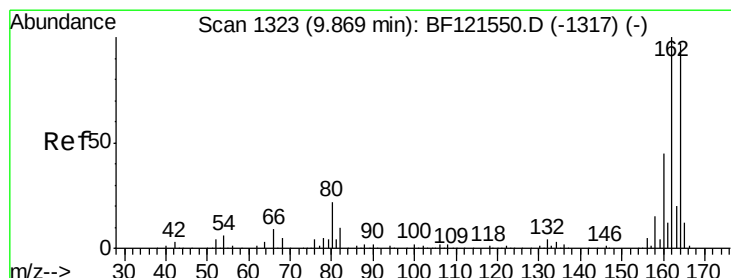
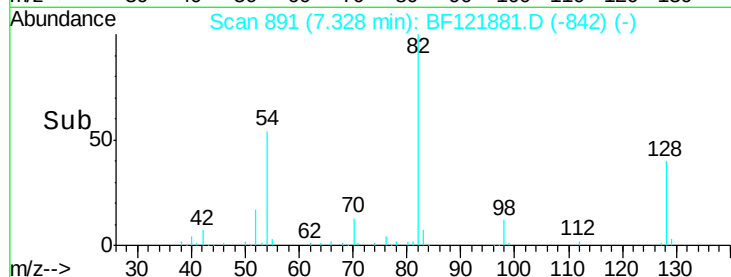
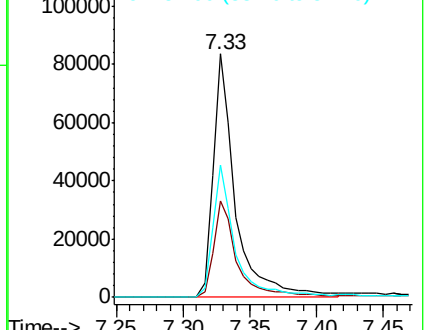
54 54.3 43.9 65.9



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: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

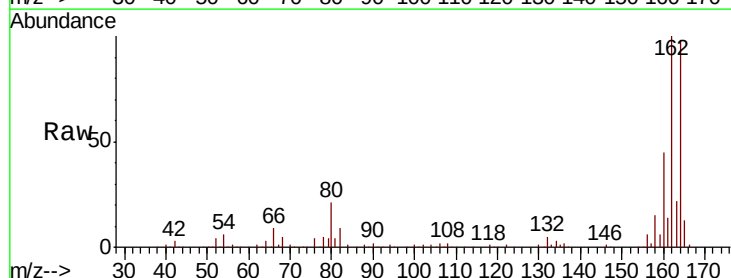
Tgt Ion: 164 Resp: 217992

Ion Ratio Lower Upper

164 100

162 102.4 83.2 124.8

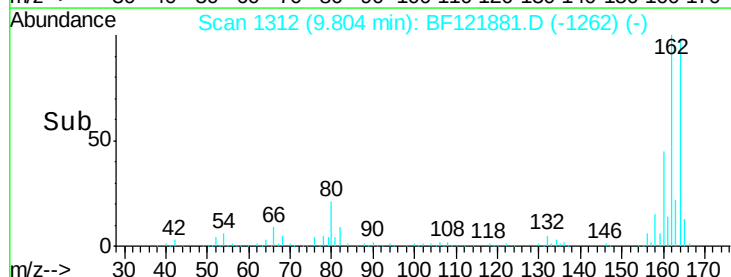
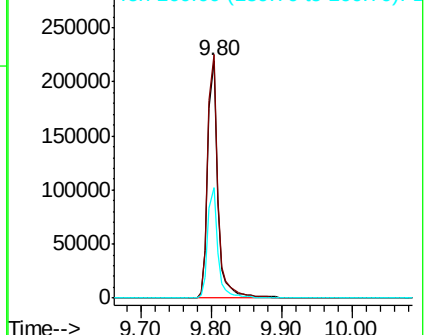
160 46.4 37.5 56.3

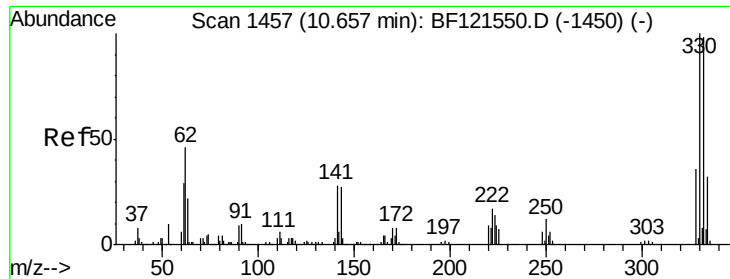


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

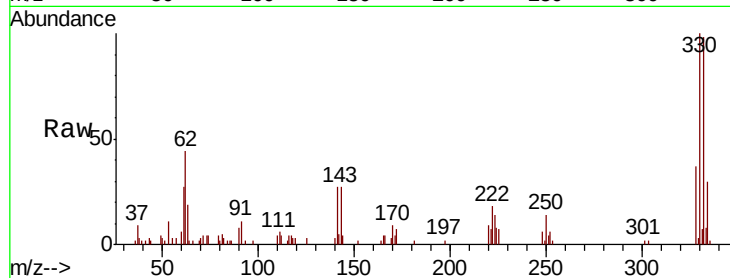




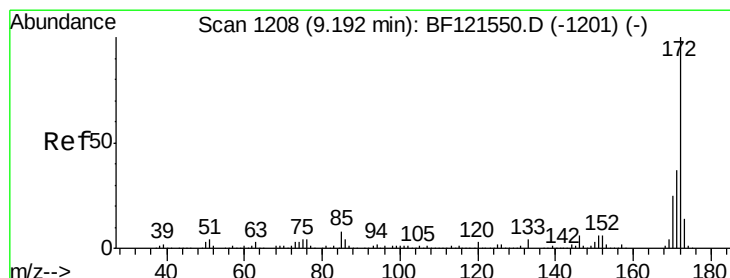
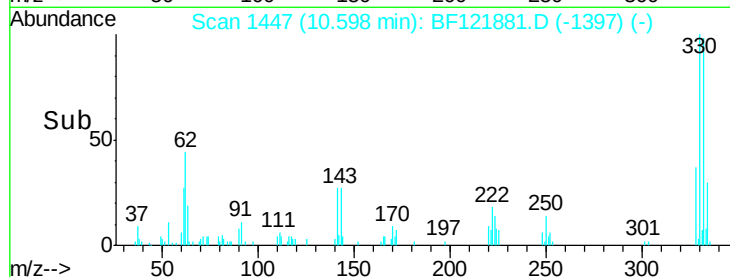
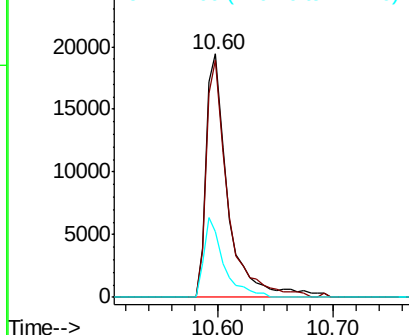
#42
 2,4,6-Tribromophenol
 Concen: 9.455 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF121881.D
 Acq: 7 Oct 2020 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-100620

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	29.6	22.3	33.5

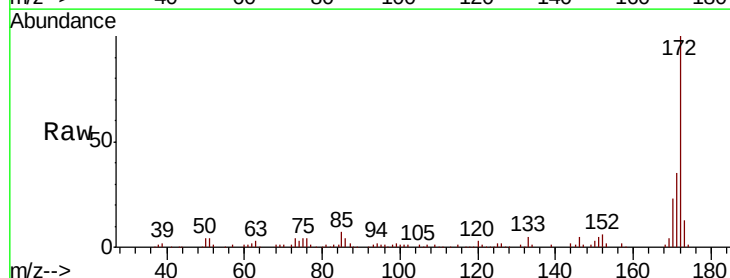


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

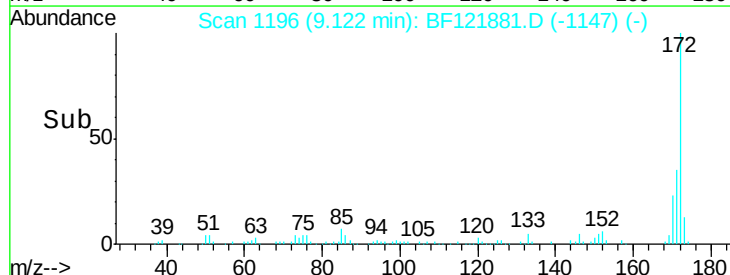
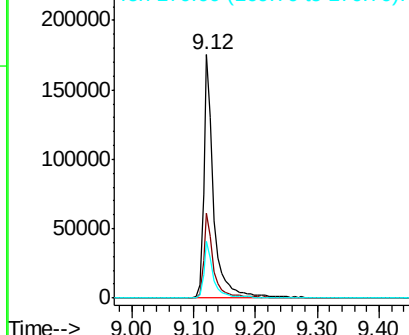


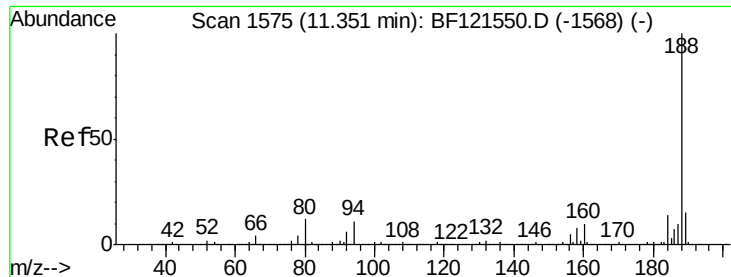
#45
 2-Fluorobiphenyl
 Concen: 13.907 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121881.D
 Acq: 7 Oct 2020 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.1	43.7
170	23.1	19.8	29.6



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

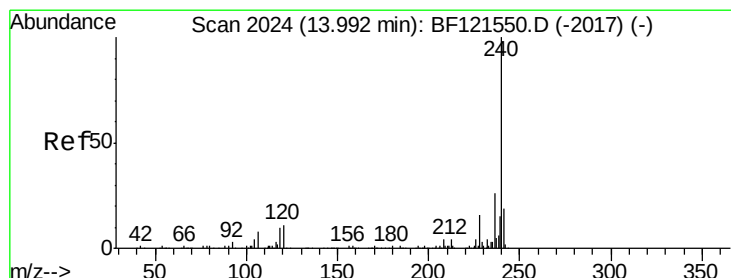
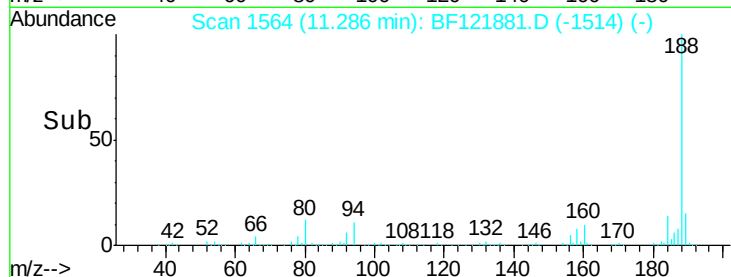
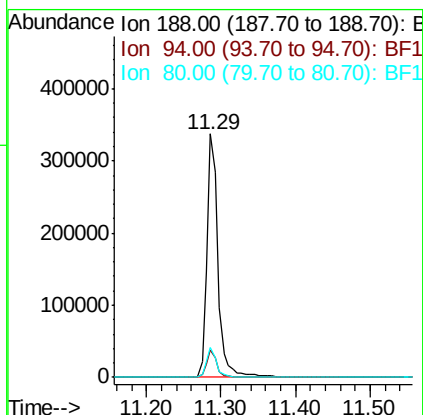
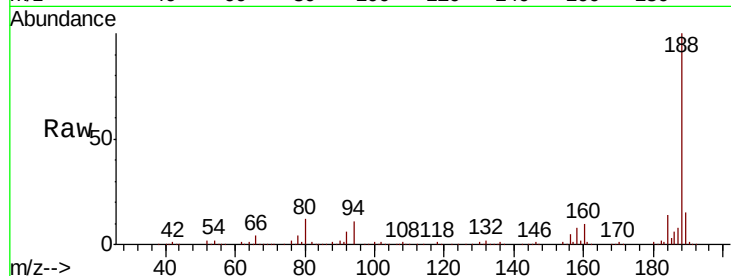




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121881.D
Acq: 7 Oct 2020 19:01

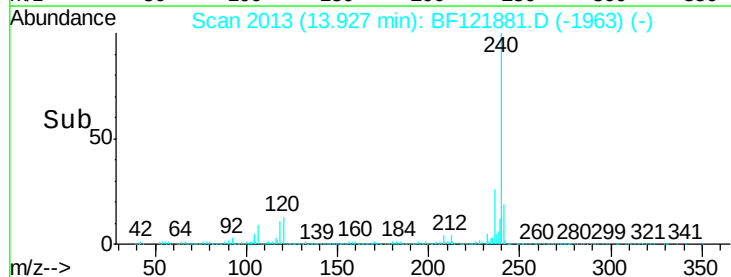
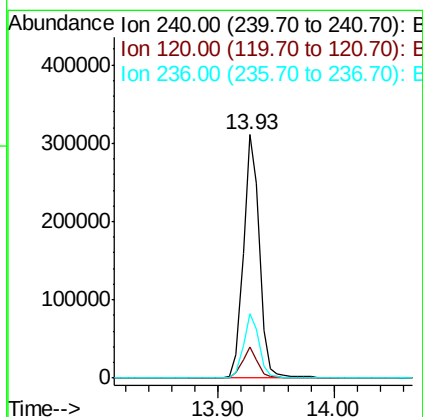
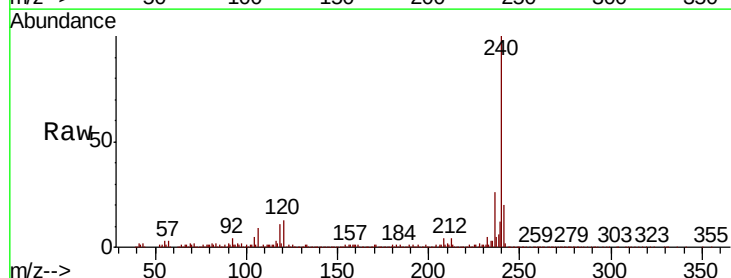
Instrument :
BNA_F
ClientSampleId :
SU-04-100620

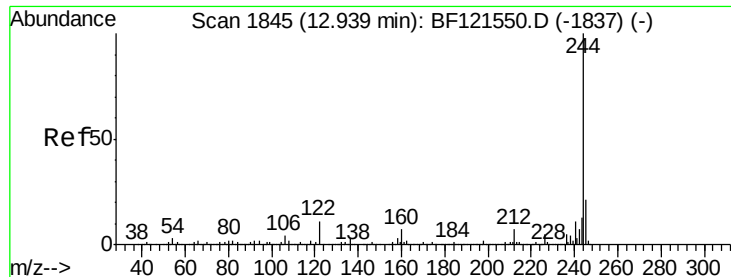
Tot Ion:188 Resp: 348413
Ion Ratio Lower Upper
188 100
94 11.3 8.3 12.5
80 12.3 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121881.D
Acq: 7 Oct 2020 19:01

Tgt Ion:240 Resp: 295799
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 11.114 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SU-04-100620

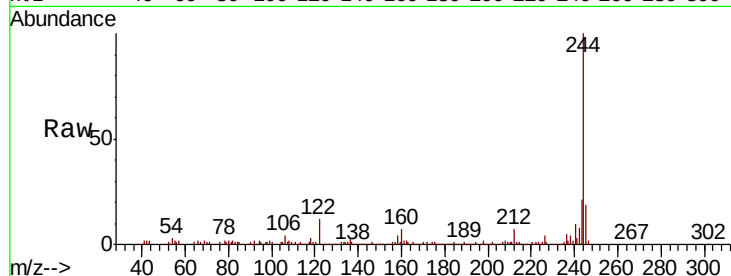
Tot Ion:244 Resp: 162272

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

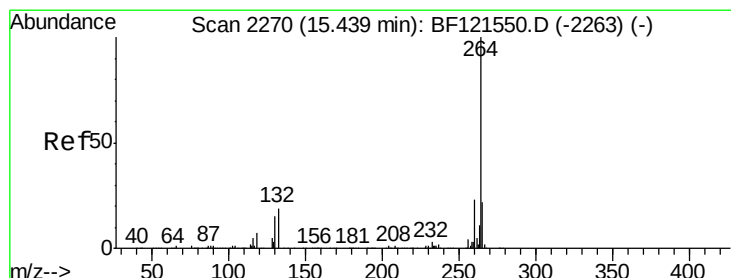
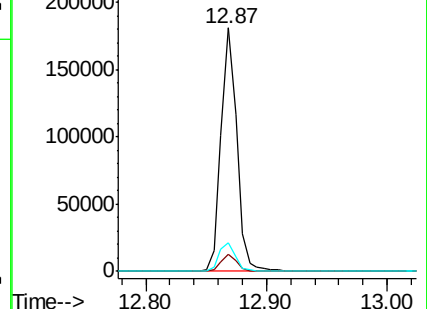
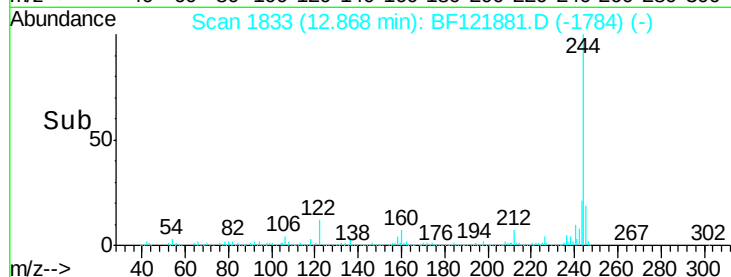
122 11.5 8.1 12.1



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: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

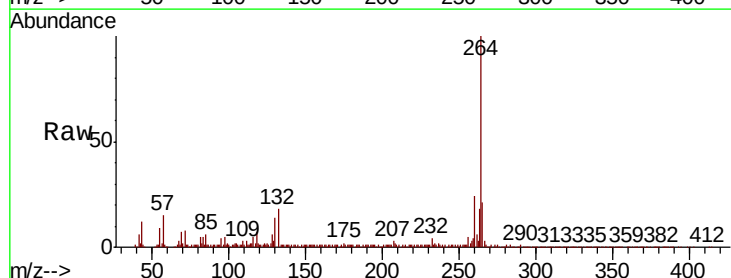
Tgt Ion:264 Resp: 224310

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.5 17.3 25.9



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

