

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
 Data File : BF120612.D
 Acq On : 12 Jun 2020 14:44
 Operator : JU/CG
 Sample : PB129506BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129506BL

Quant Time: Jun 12 15:37:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	165190	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	652077	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	338335	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	670761	20.00	ng	0.00
76) Chrysene-d12	13.95	240	562082	20.00	ng	-0.01
86) Perylene-d12	15.39	264	609349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1170464	121.48	ng	0.00
7) Phenol-d6	6.43	99	1482672	123.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	952729	81.67	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	483673	122.96	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1778689	80.43	ng	0.00
79) Terphenyl-d14	12.90	244	2236981	87.91	ng	0.00

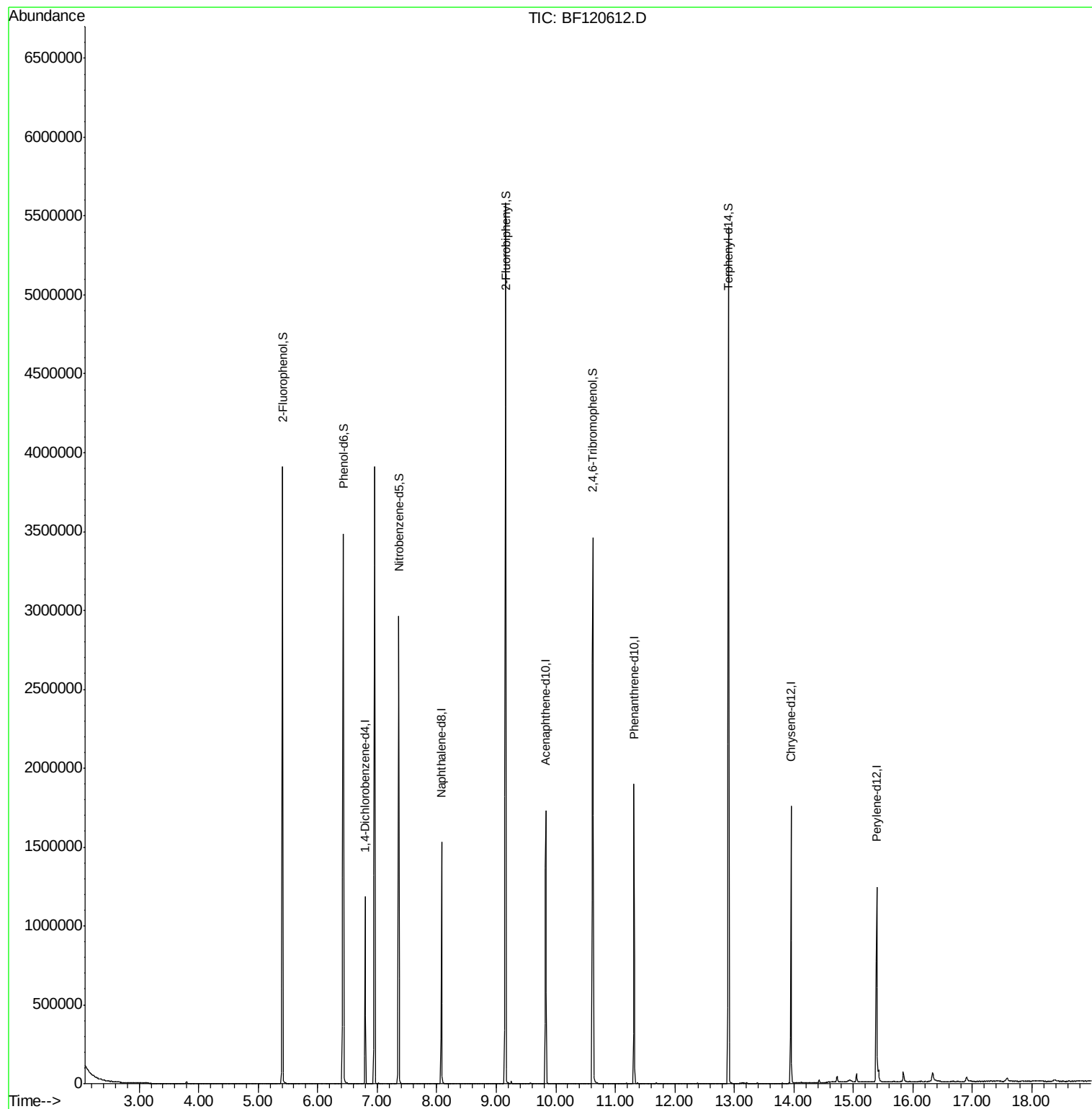
Target Compounds Qvalue

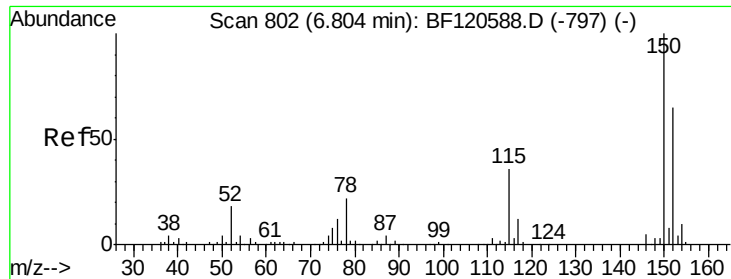
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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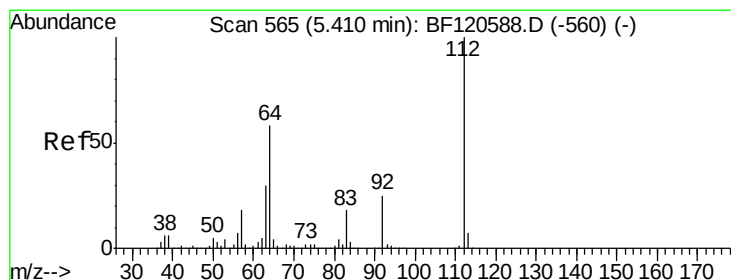
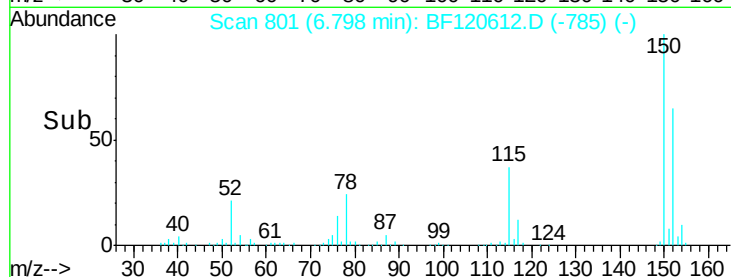
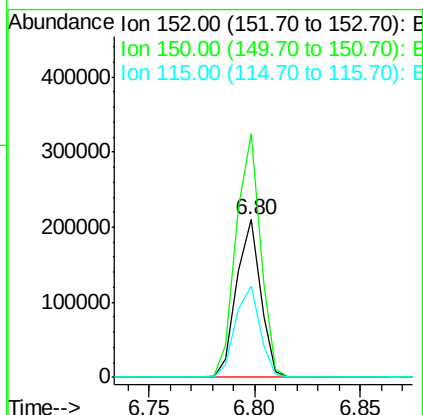
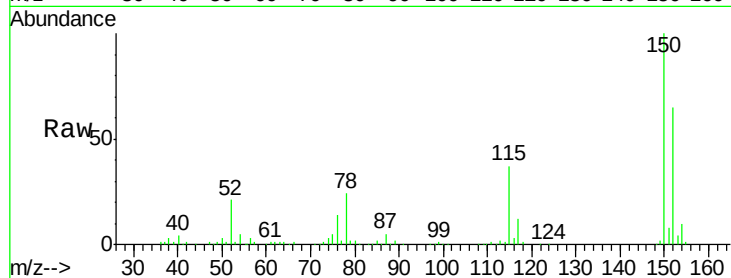


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120612.D
Acq: 12 Jun 2020 14:44

Instrument :
BNA_F
ClientSampleId :
PB129506BL

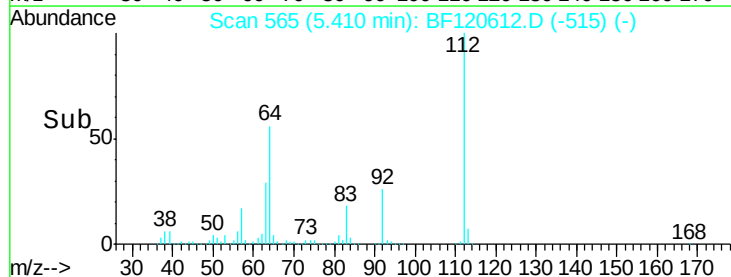
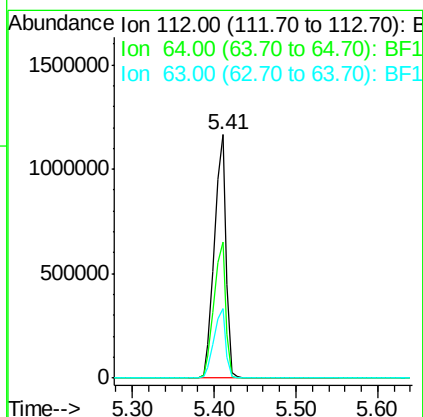
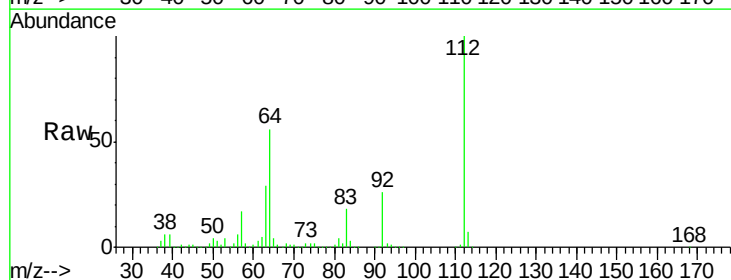
Tot Ion:152 Resp: 165190
Ion Ratio Lower Upper
152 100
150 154.8 123.2 184.8
115 57.8 43.9 65.9

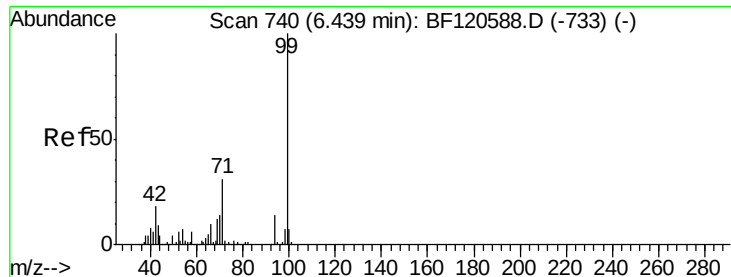


#5

2-Fluorophenol
Concen: 121.479 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120612.D
Acq: 12 Jun 2020 14:44

Tgt Ion:112 Resp: 1170464
Ion Ratio Lower Upper
112 100
64 56.0 46.1 69.1
63 28.8 23.7 35.5





#7

Phenol-d6

Concen: 123.550 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120612.D

Acq: 12 Jun 2020 14:44

Instrument :

BNA_F

ClientSampleId :

PB129506BL

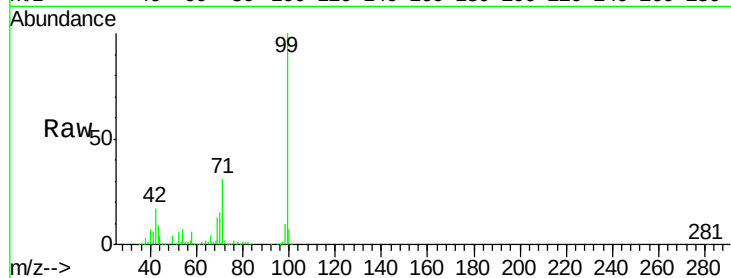
Tot Ion: 99 Resp: 1482672

Ion Ratio Lower Upper

99 100

42 17.3 14.0 21.0

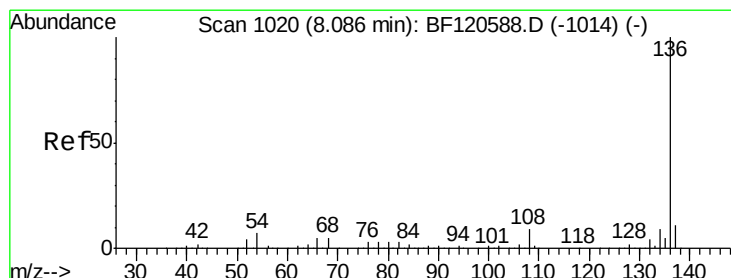
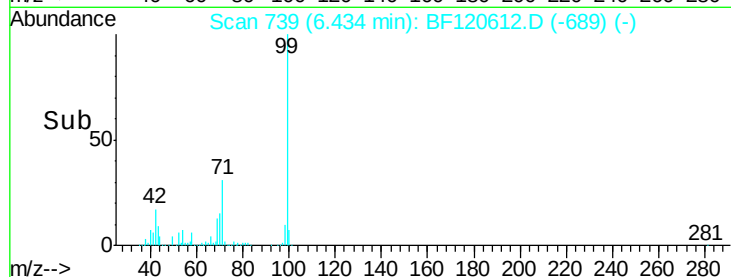
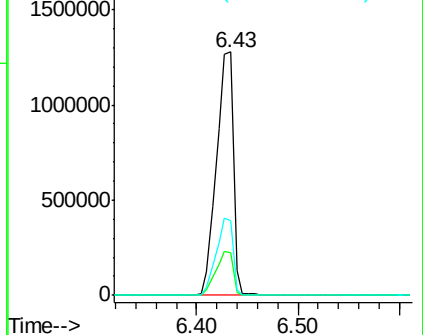
71 30.7 24.9 37.3



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120612.D

Acq: 12 Jun 2020 14:44

Tgt Ion: 136 Resp: 652077

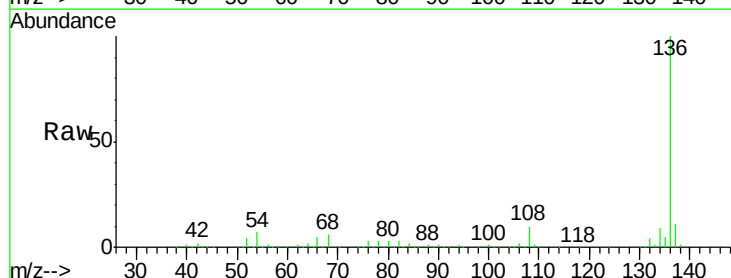
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.4 5.8 8.6

68 5.8 4.4 6.6

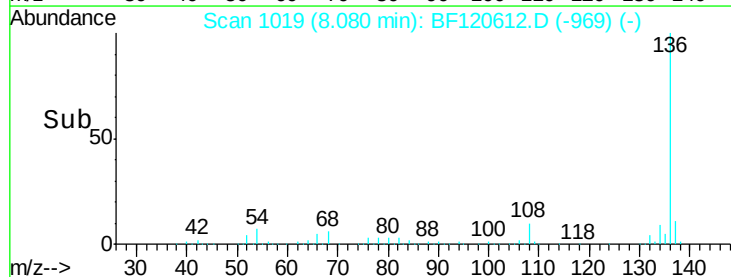
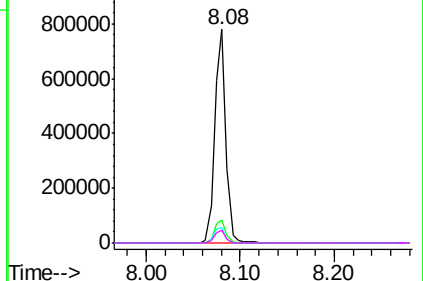


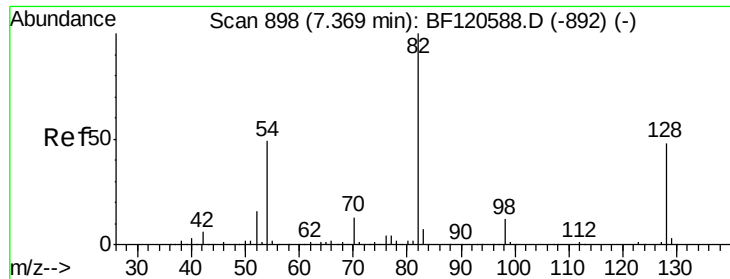
Abundance Ion 136.00 (135.70 to 136.70): E

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

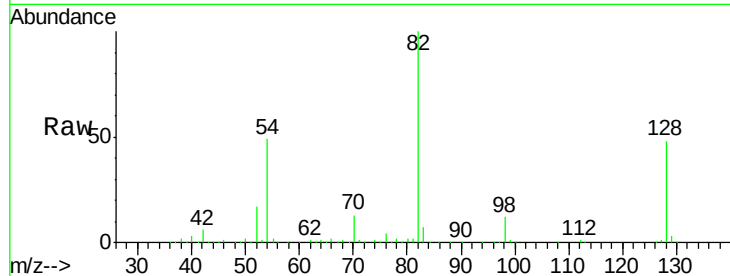




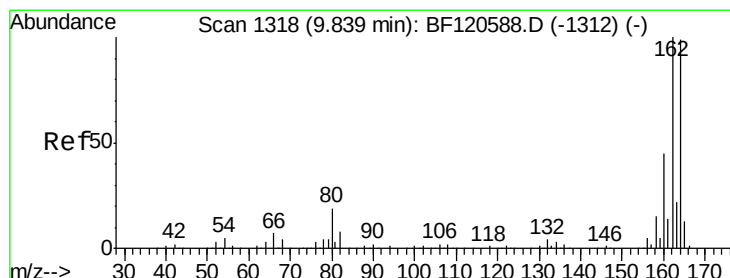
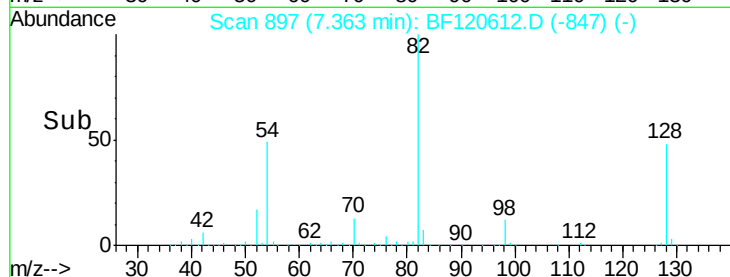
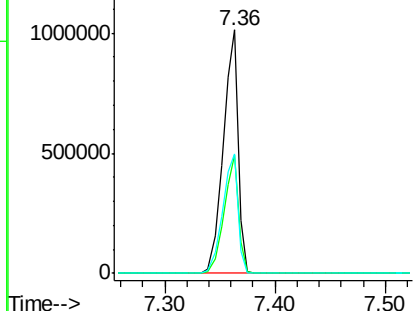
#23
 Nitrobenzene-d5
 Concen: 81.669 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120612.D
 Acq: 12 Jun 2020 14:44

Instrument :
 BNA_F
 ClientSampleId :
 PB129506BL

Tot Ion	82	Resp	952729
Ion Ratio	Lower	Upper	
82	100		
128	48.4	38.0	57.0
54	48.9	38.8	58.2

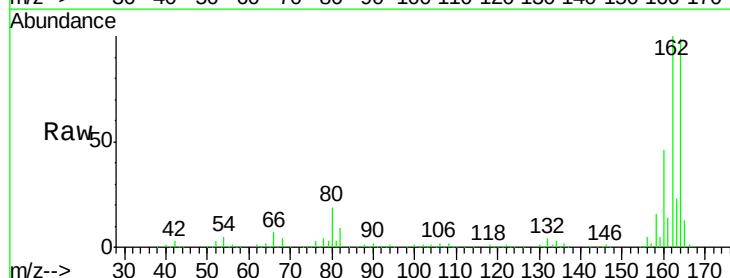


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

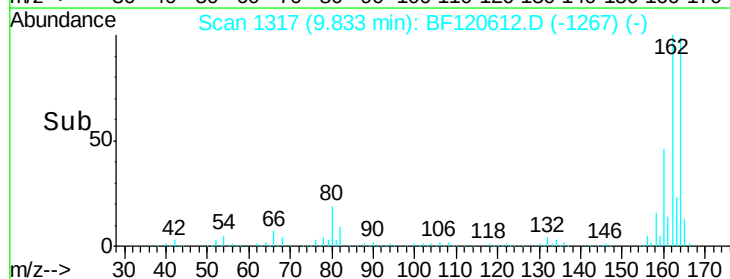
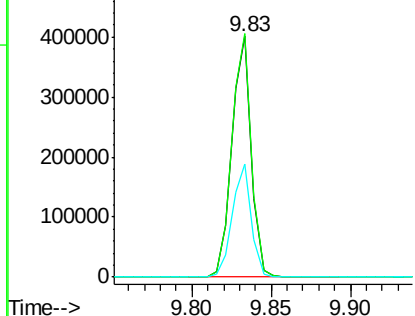


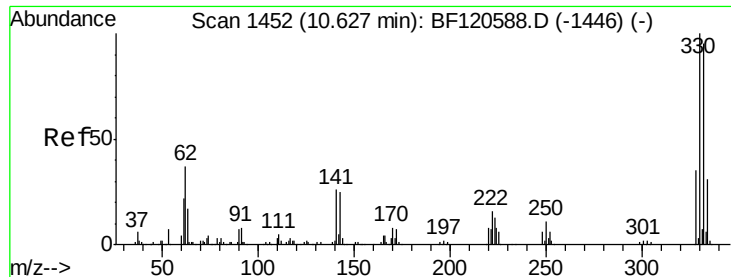
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120612.D
 Acq: 12 Jun 2020 14:44

Tgt Ion	164	Resp	338335
Ion Ratio	Lower	Upper	
164	100		
162	101.2	80.6	120.8
160	46.7	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

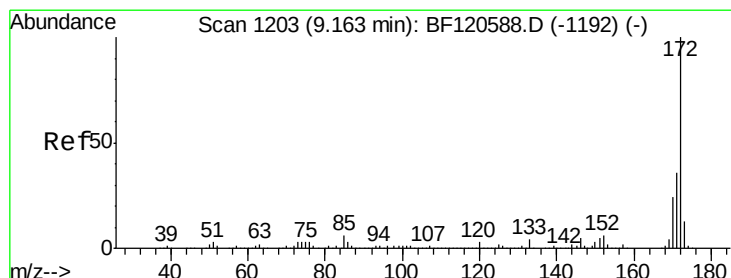
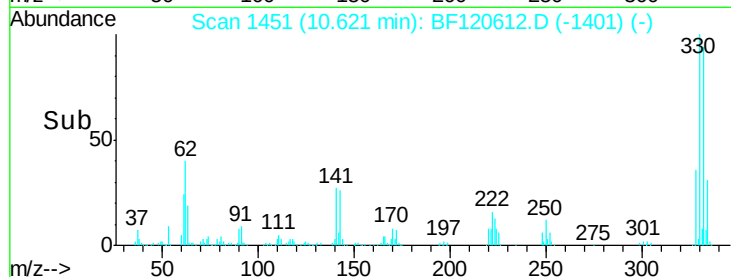
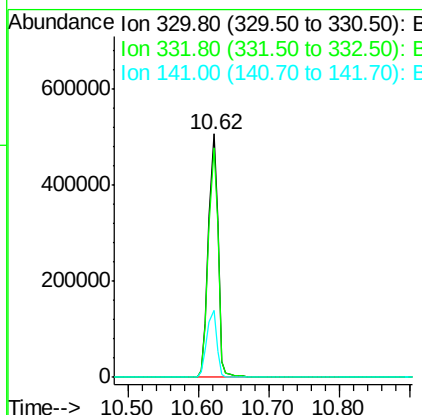
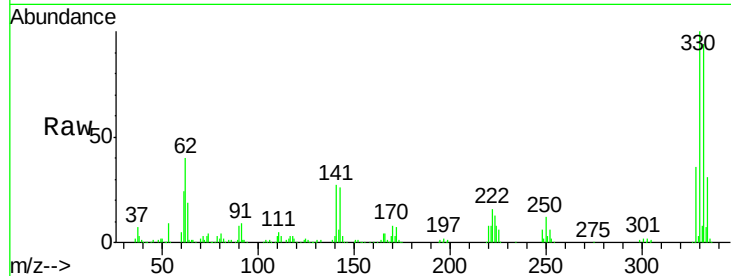




#42
 2,4,6-Tribromophenol
 Concen: 122.959 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120612.D
 Acq: 12 Jun 2020 14:44

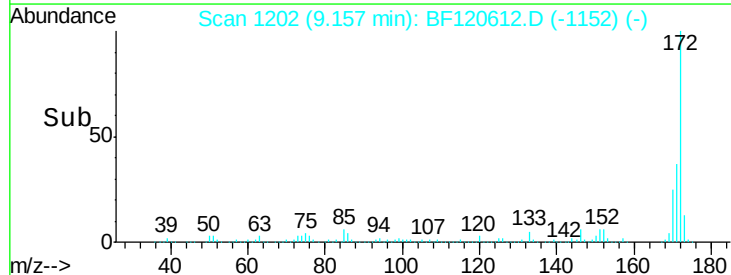
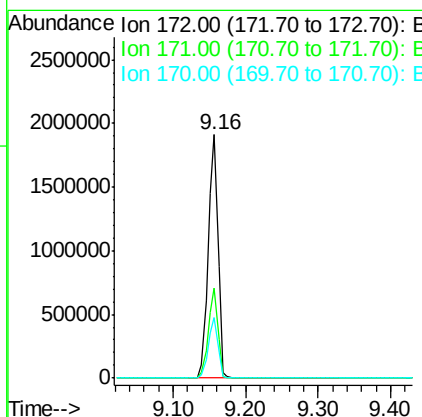
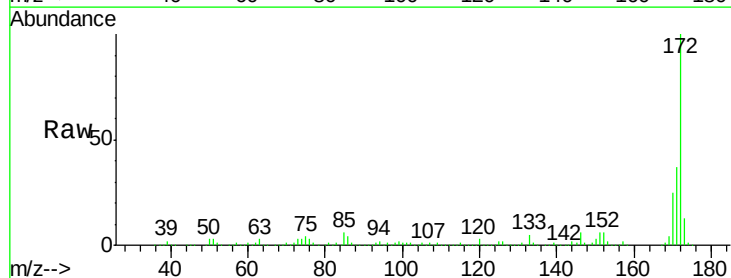
Instrument :
 BNA_F
 ClientSampleId :
 PB129506BL

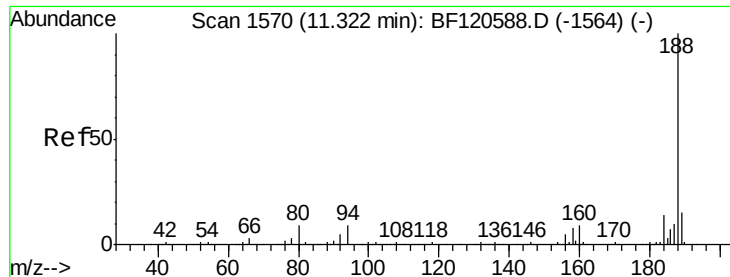
Tot Ion:330 Resp: 483673
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.8 115.2
 141 28.5 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 80.434 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120612.D
 Acq: 12 Jun 2020 14:44

Tgt Ion:172 Resp: 1778689
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.4
 170 24.9 19.4 29.2

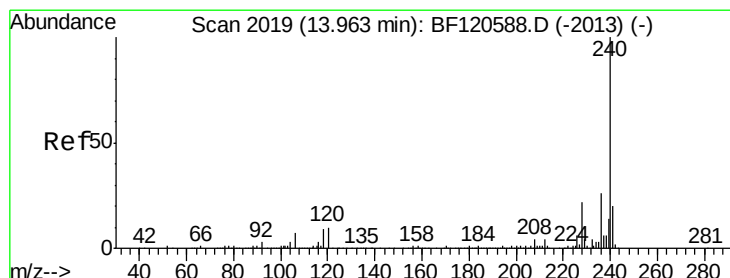
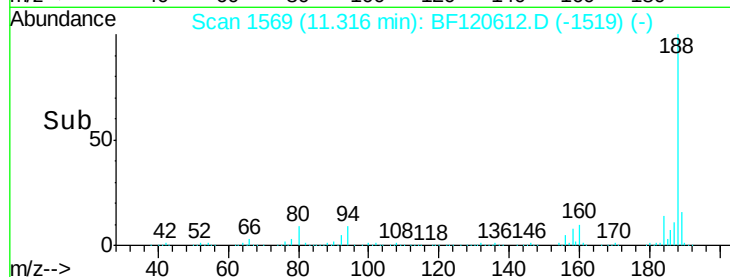
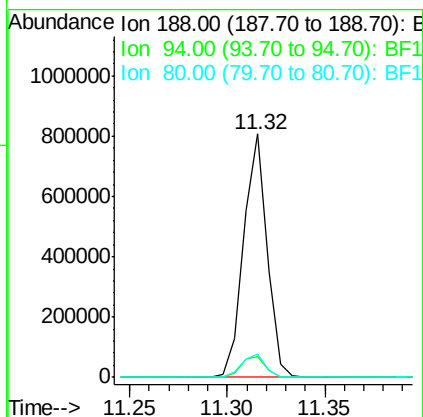
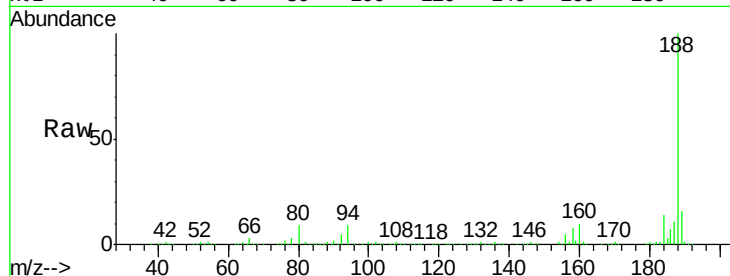




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120612.D
Acq: 12 Jun 2020 14:44

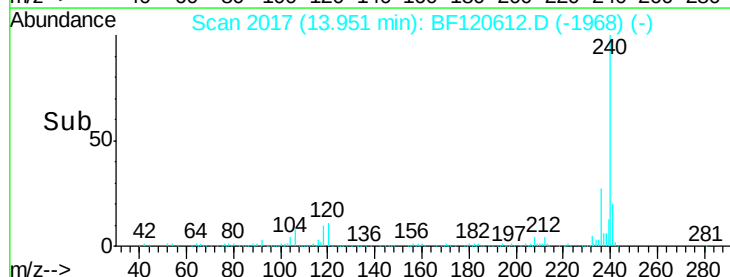
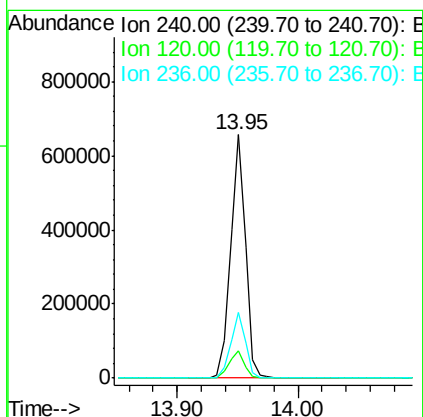
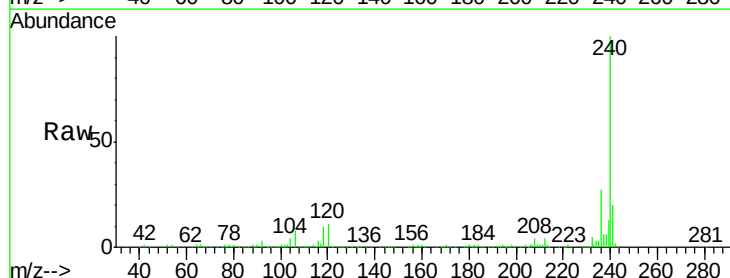
Instrument :
BNA_F
ClientSampled :
PB129506BL

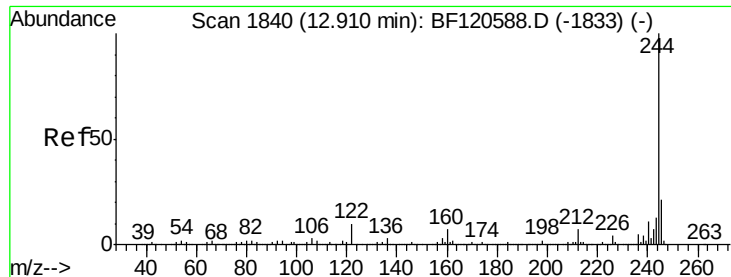
Tot Ion:188 Resp: 670761
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.5 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120612.D
Acq: 12 Jun 2020 14:44

Tgt Ion:240 Resp: 562082
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 26.9 21.0 31.4





#79

Terphenyl-d14

Concen: 87.909 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120612.D

Acq: 12 Jun 2020 14:44

Instrument :

BNA_F

ClientSampleId :

PB129506BL

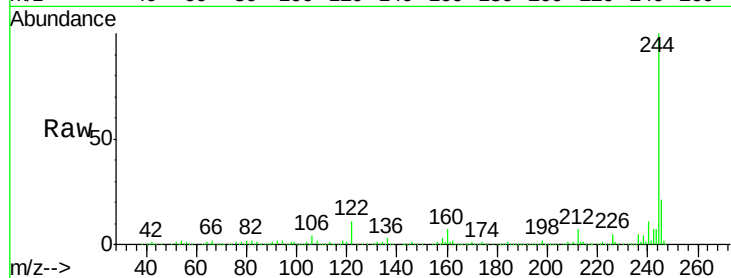
Tot Ion:244 Resp: 2236981

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

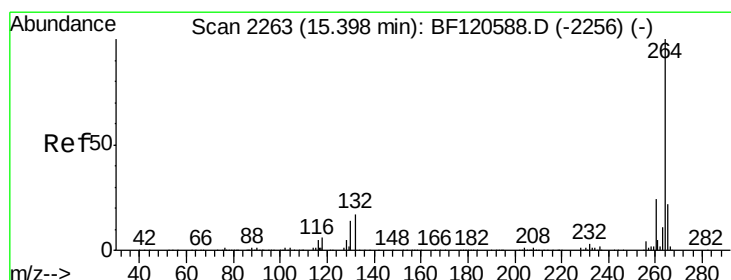
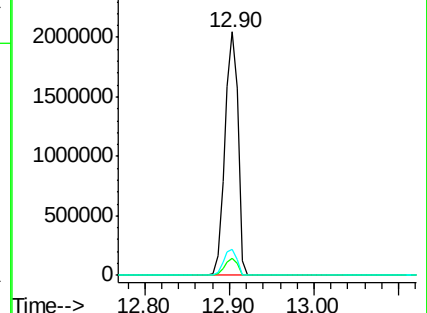
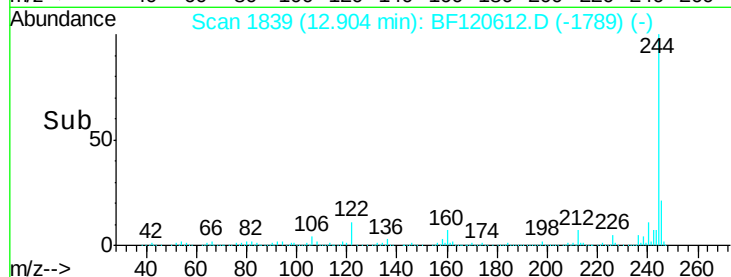
122 10.9 8.3 12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF120612.D

Acq: 12 Jun 2020 14:44

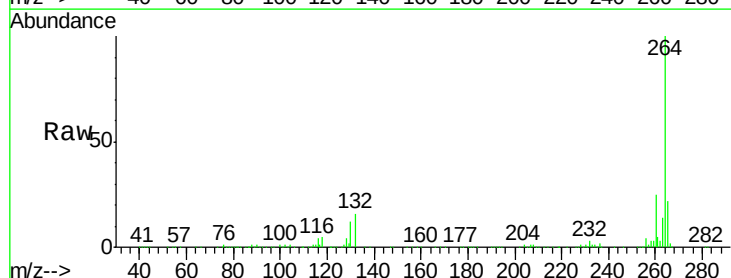
Tgt Ion:264 Resp: 609349

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 22.2 17.8 26.8



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

