

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
 Data File : BF120621.D
 Acq On : 15 Jun 2020 15:26
 Operator : JU/CG
 Sample : PB129539BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129539BL

Quant Time: Jun 15 16:05:15 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	166029	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	643966	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	336955	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	661124	20.00	ng	0.00
76) Chrysene-d12	13.95	240	577268	20.00	ng	-0.01
86) Perylene-d12	15.39	264	616413	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1116398	115.28	ng	0.00
7) Phenol-d6	6.43	99	1414026	117.23	ng	-0.01
23) Nitrobenzene-d5	7.36	82	896911	77.85	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	441442	112.68	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1660538	75.40	ng	0.00
79) Terphenyl-d14	12.90	244	2082590	79.69	ng	0.00

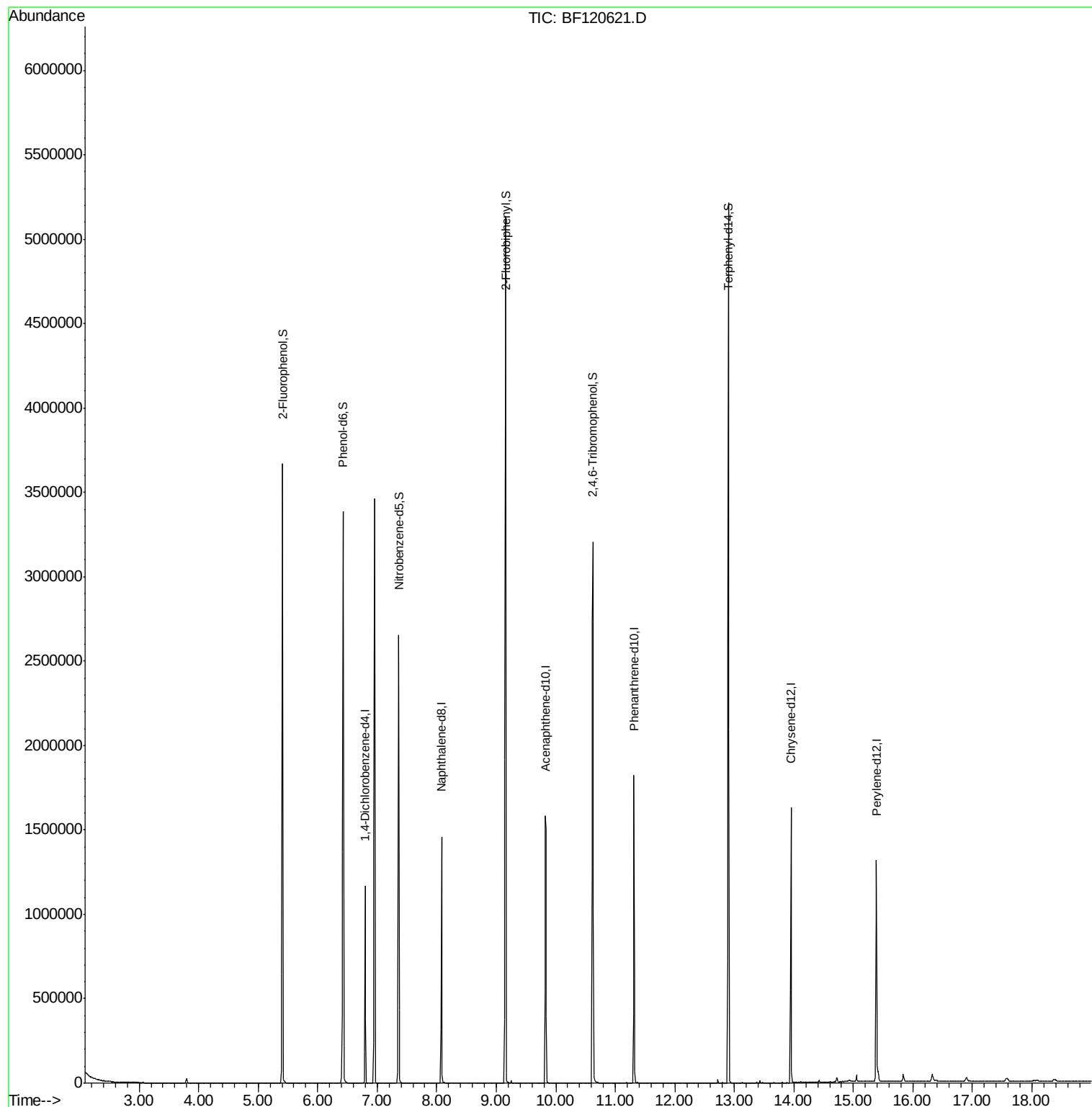
Target Compounds Qvalue

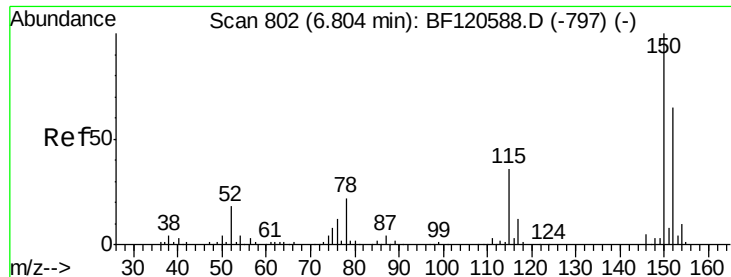
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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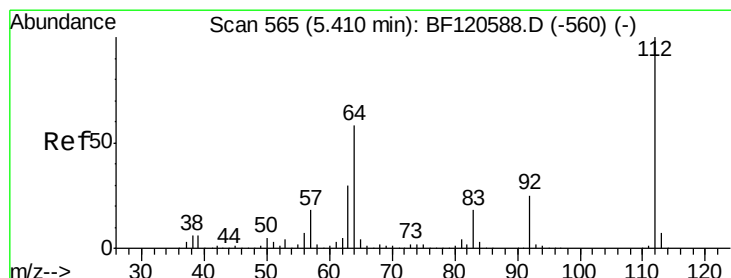
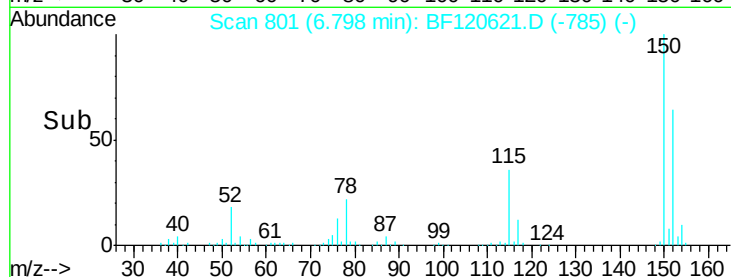
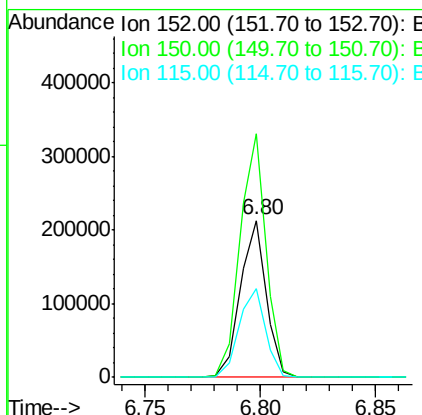
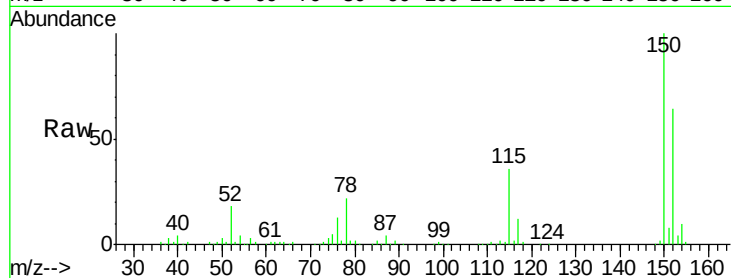


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120621.D
Acq: 15 Jun 2020 15:26

Instrument :
BNA_F
ClientSampleId :
PB129539BL

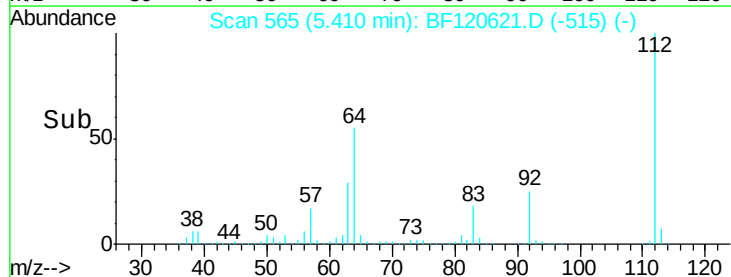
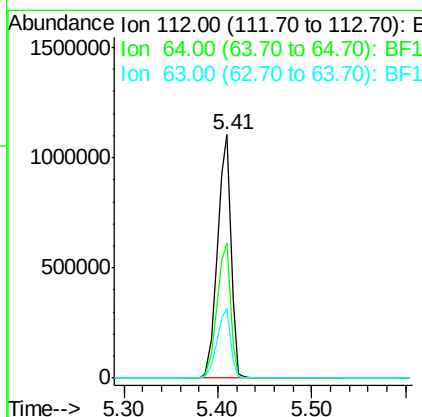
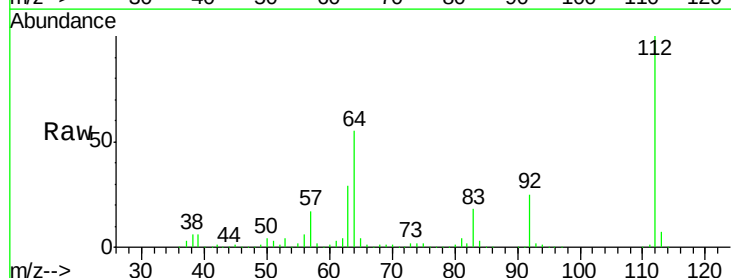
Tot Ion:152 Resp: 166029
Ion Ratio Lower Upper
152 100
150 155.5 123.2 184.8
115 56.3 43.9 65.9

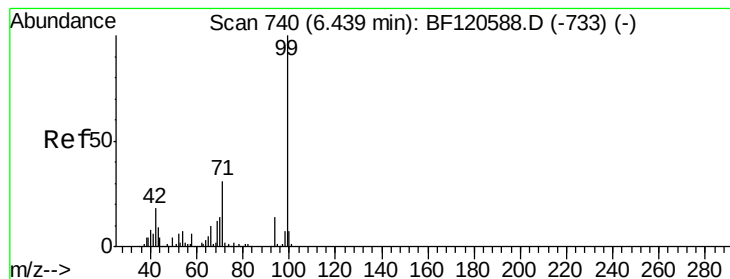


#5

2-Fluorophenol
Concen: 115.282 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120621.D
Acq: 15 Jun 2020 15:26

Tgt Ion:112 Resp: 1116398
Ion Ratio Lower Upper
112 100
64 55.3 46.1 69.1
63 28.5 23.7 35.5





#7

Phenol-d6

Concen: 117.235 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120621.D

Acq: 15 Jun 2020 15:26

Instrument :

BNA_F

ClientSampleId :

PB129539BL

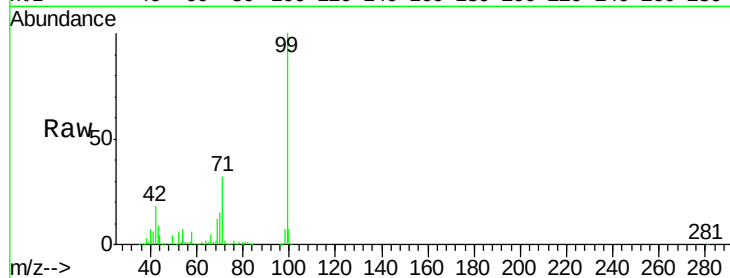
Tot Ion: 99 Resp: 1414026

Ion Ratio Lower Upper

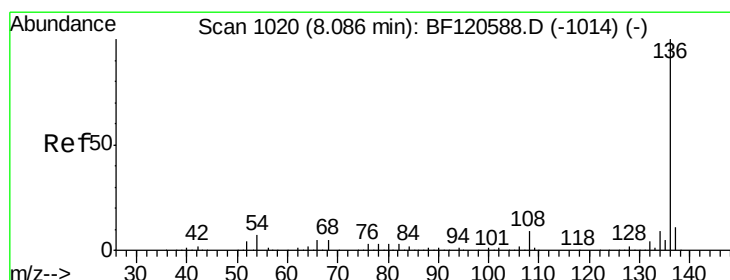
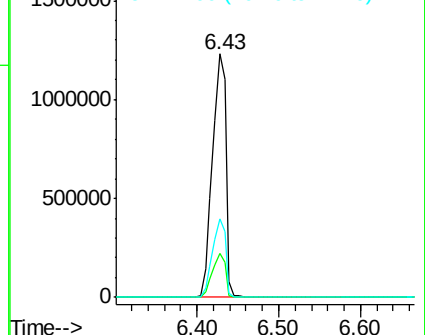
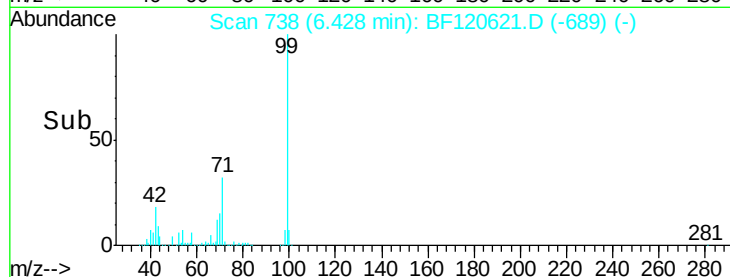
99 100

42 18.2 14.0 21.0

71 32.4 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: BF120621.D

Acq: 15 Jun 2020 15:26

Tgt Ion: 136 Resp: 643966

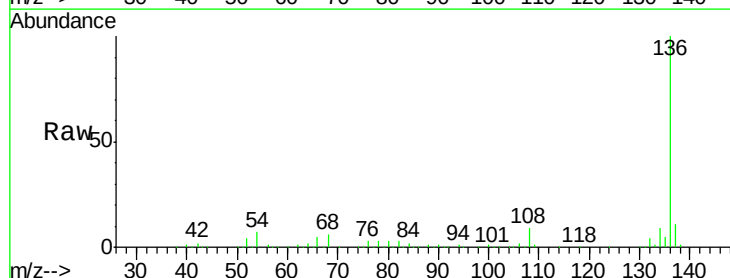
Ion Ratio Lower Upper

136 100

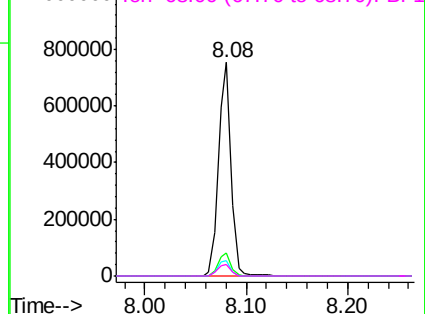
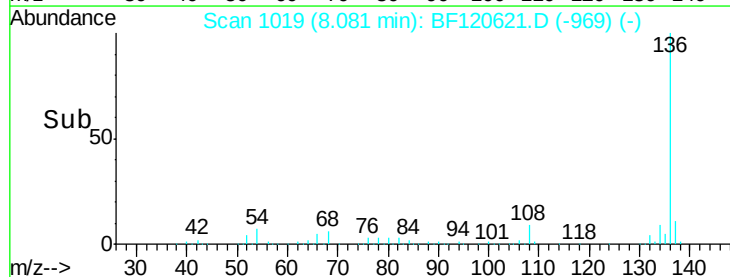
137 10.9 8.6 13.0

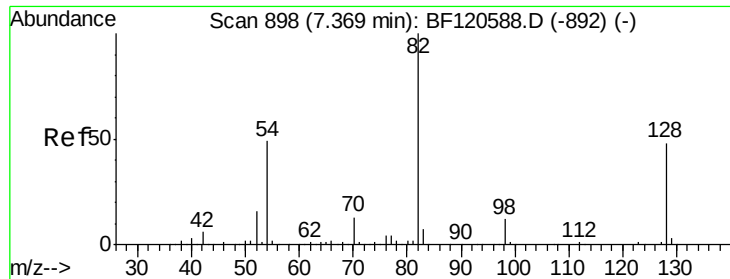
54 7.2 5.8 8.6

68 5.5 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

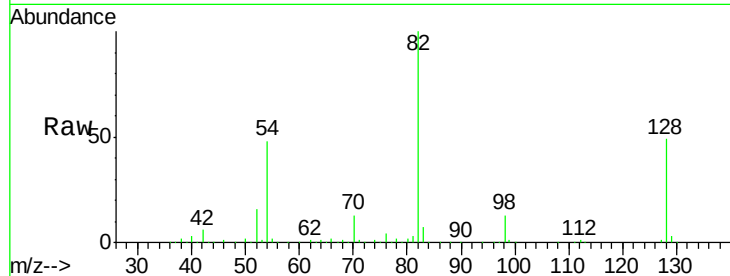




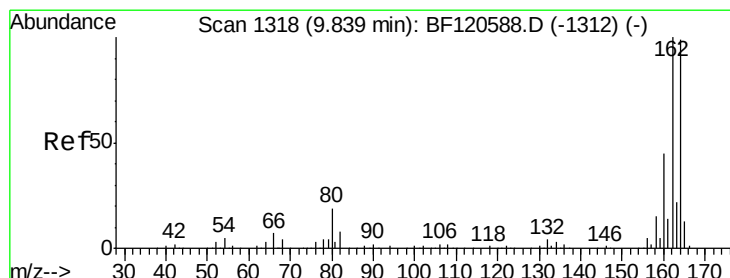
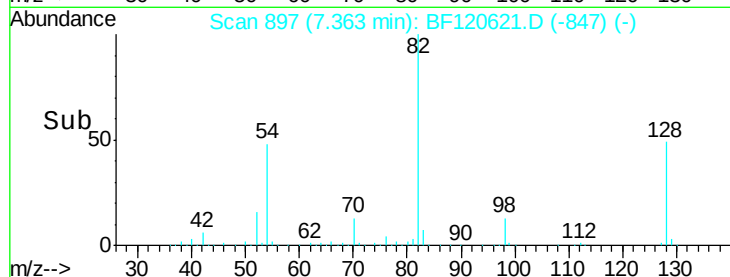
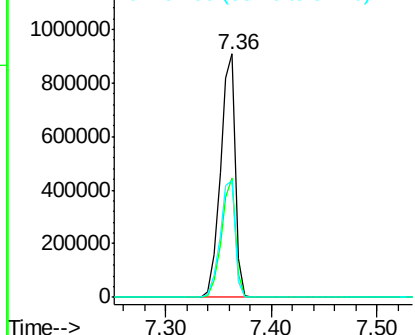
#23
 Nitrobenzene-d5
 Concen: 77.852 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120621.D
 Acq: 15 Jun 2020 15:26

Instrument :
 BNA_F
 ClientSampleId :
 PB129539BL

Tot Ion	82	Resp	896911
Ion Ratio	100	Lower	Upper
128	49.2	38.0	57.0
54	48.2	38.8	58.2

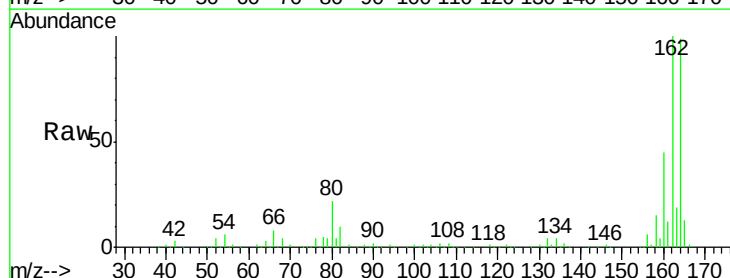


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

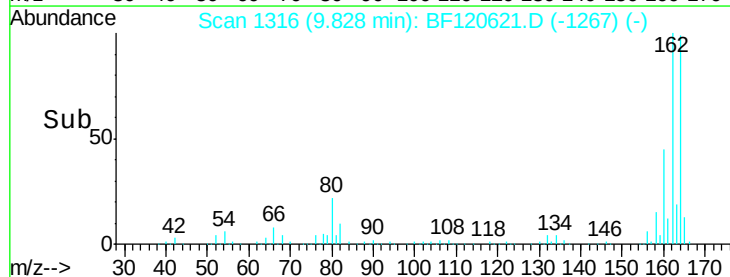
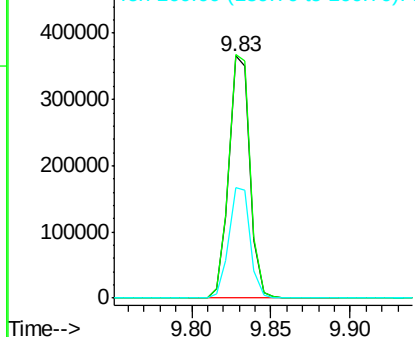


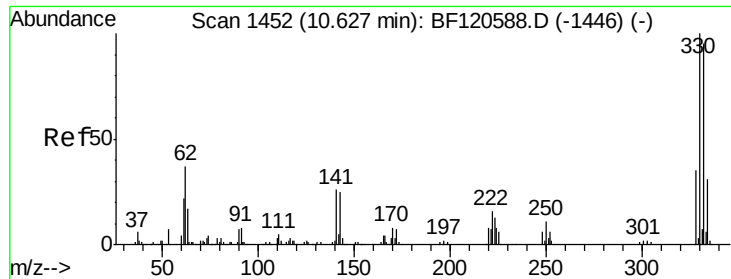
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF120621.D
 Acq: 15 Jun 2020 15:26

Tgt Ion	164	Resp	336955
Ion Ratio	100	Lower	Upper
162	100.6	80.6	120.8
160	45.5	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: 112.683 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120621.D

Acq: 15 Jun 2020 15:26

Instrument :

BNA_F

ClientSampleId :

PB129539BL

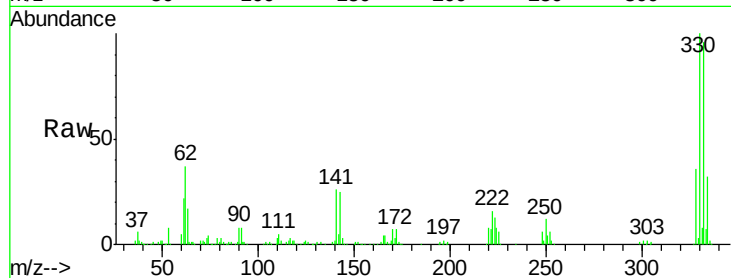
Tot Ion:330 Resp: 441442

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

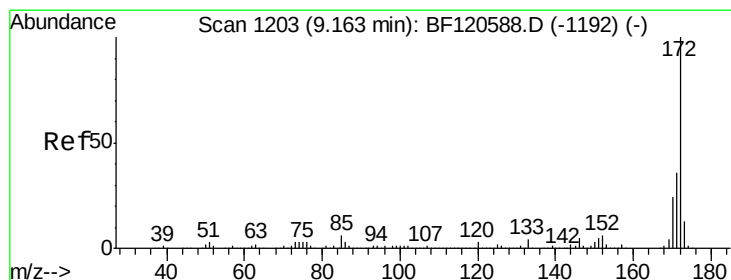
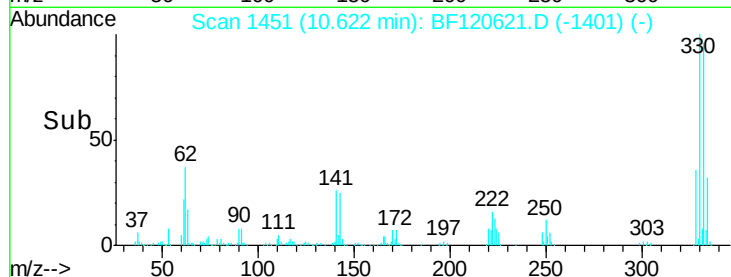
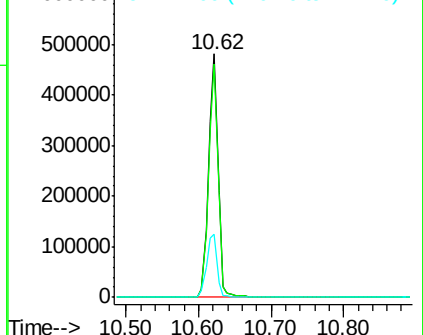
141 28.7 23.2 34.8



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: 75.399 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120621.D

Acq: 15 Jun 2020 15:26

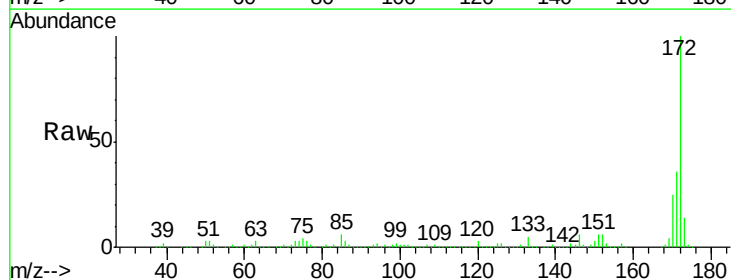
Tgt Ion:172 Resp: 1660538

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

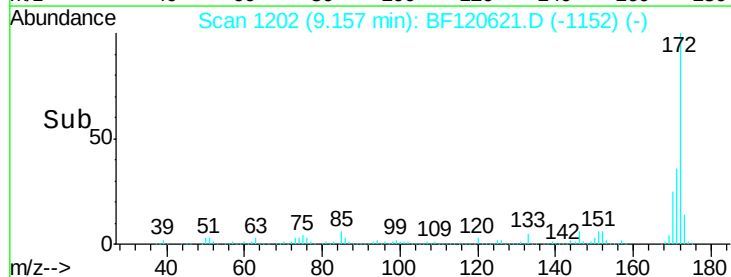
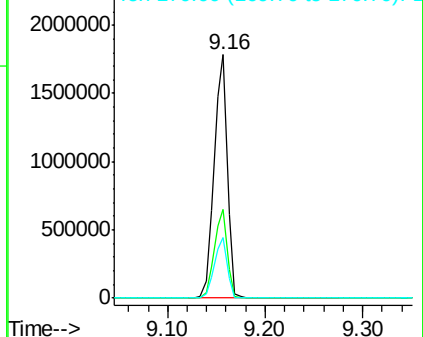
170 25.0 19.4 29.2

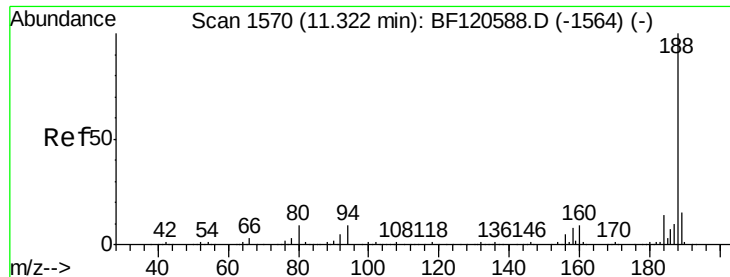


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

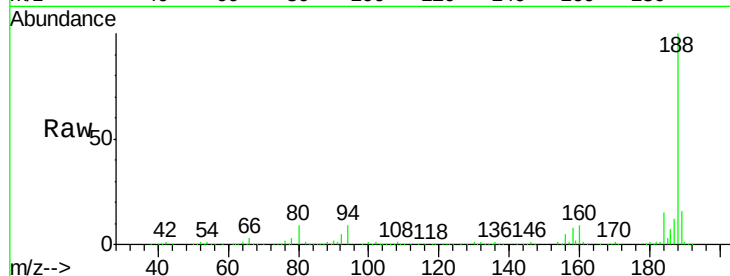




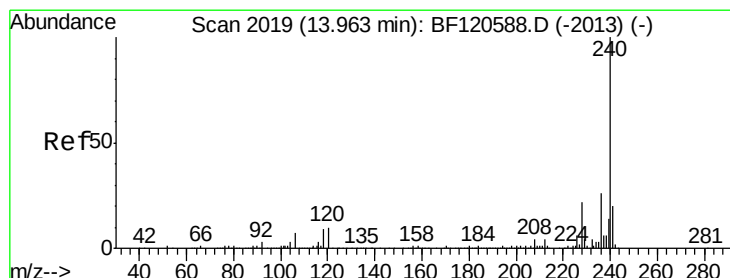
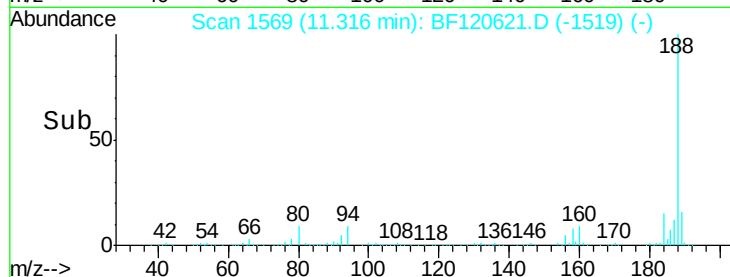
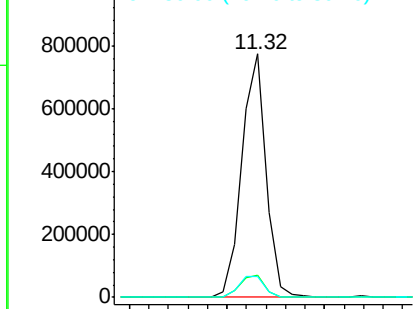
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120621.D
Acq: 15 Jun 2020 15:26

Instrument :
BNA_F
ClientSampleID :
PB129539BL

Tot Ion:188 Resp: 661124
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 8.9 7.4 11.2

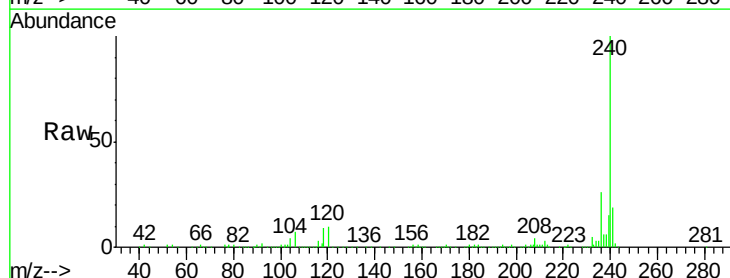


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

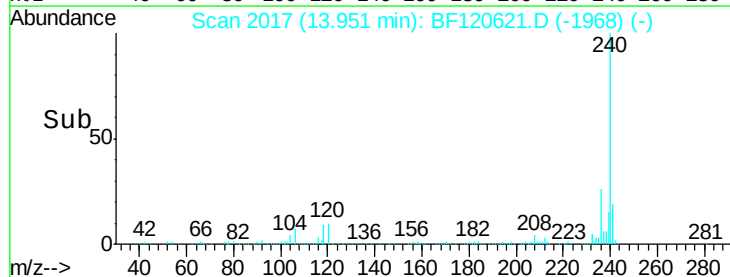
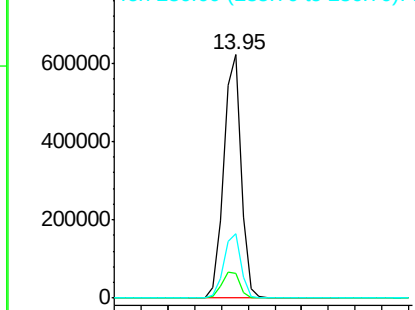


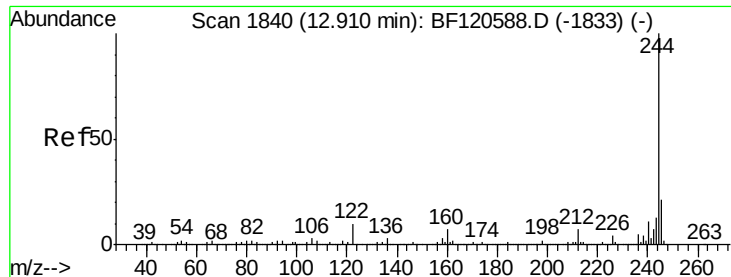
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120621.D
Acq: 15 Jun 2020 15:26

Tgt Ion:240 Resp: 577268
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.3 21.0 31.4



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: 79.689 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120621.D

Acq: 15 Jun 2020 15:26

Instrument :

BNA_F

ClientSampleId :

PB129539BL

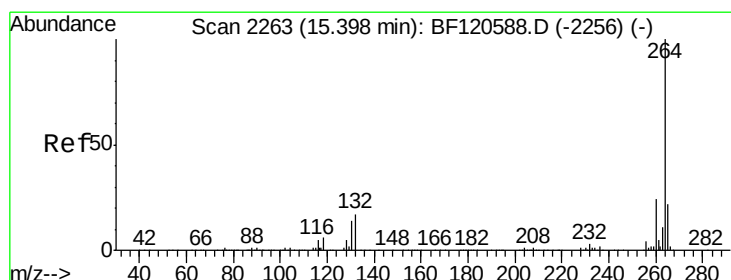
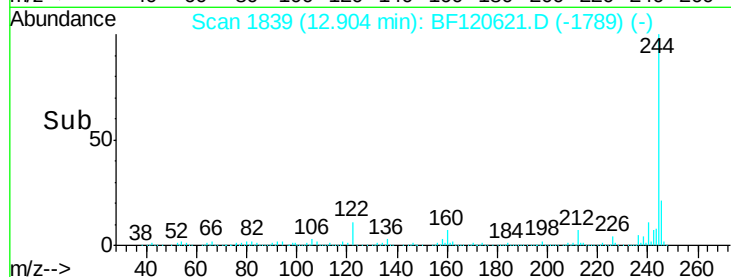
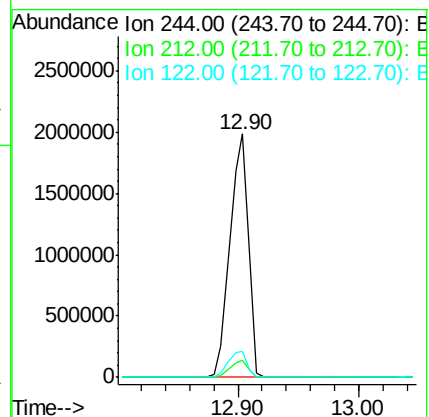
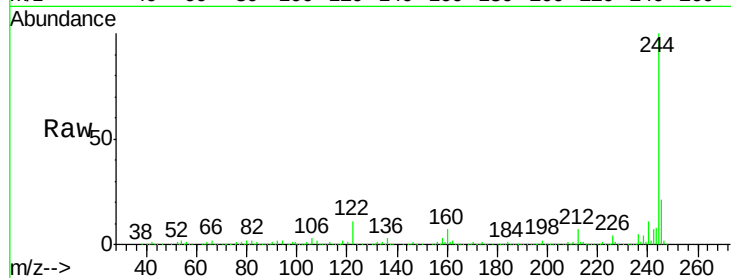
Tot Ion:244 Resp: 2082590

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.6 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF120621.D

Acq: 15 Jun 2020 15:26

Tgt Ion:264 Resp: 616413

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.7 17.8 26.8

