

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
 Data File : BF121289.D
 Acq On : 14 Aug 2020 16:43
 Operator : JU/CG
 Sample : PB130964BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BL

Quant Time: Aug 14 17:16:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	69119	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	272081	20.00	ng	-0.02
39) Acenaphthene-d10	9.74	164	142600	20.00	ng	-0.02
64) Phenanthrene-d10	11.22	188	284034	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	279863	20.00	ng	-0.02
86) Perylene-d12	15.27	264	311304	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	517005	113.40	ng	0.00
7) Phenol-d6	6.34	99	616798	104.99	ng	-0.02
23) Nitrobenzene-d5	7.27	82	389459	78.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	184902	105.32	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	752378	72.98	ng	-0.01
79) Terphenyl-d14	12.81	244	896263	62.43	ng	-0.01

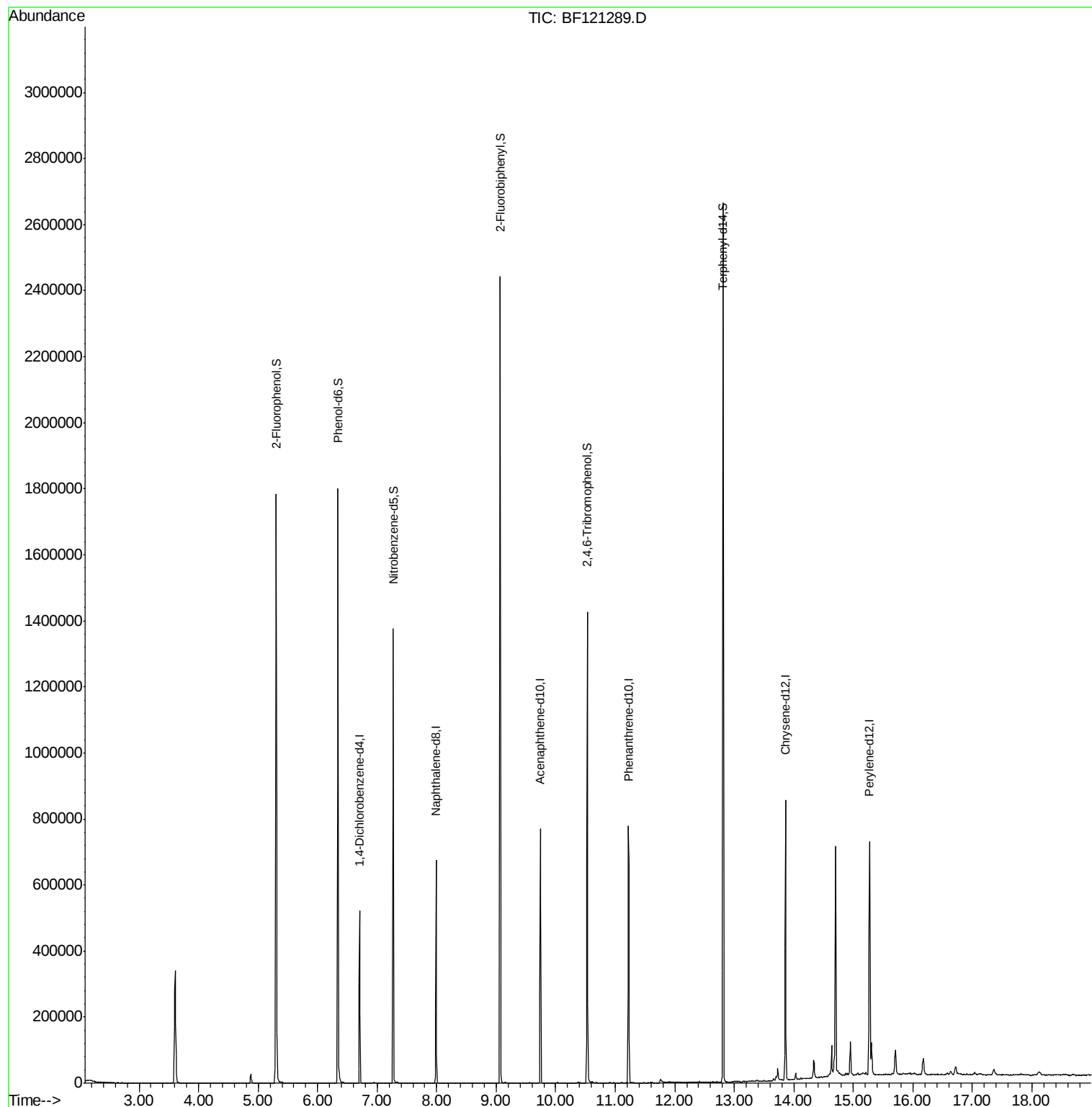
Target Compounds Qvalue

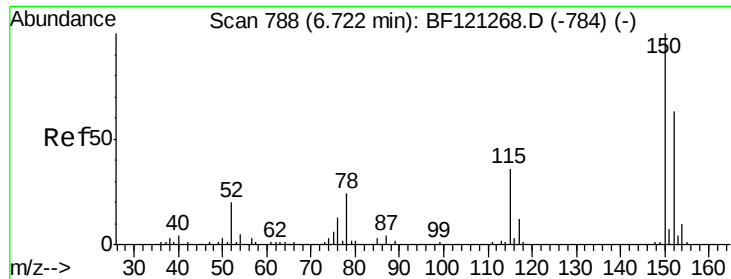
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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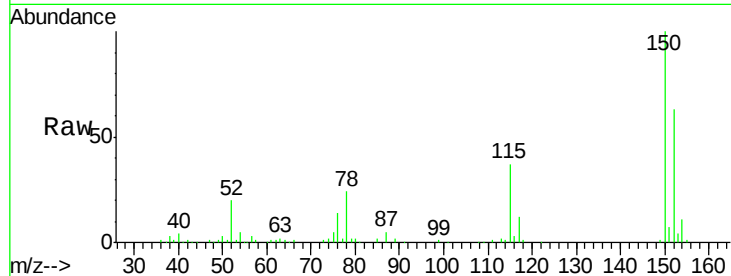


#1

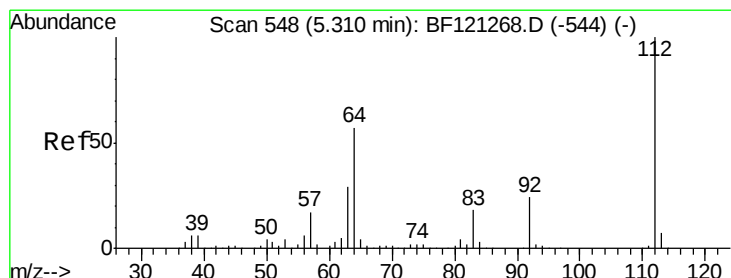
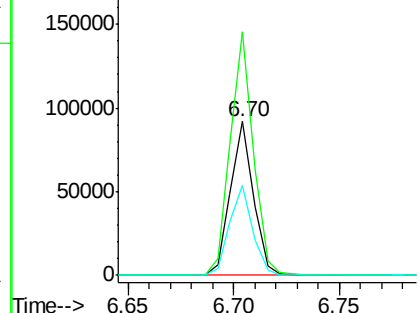
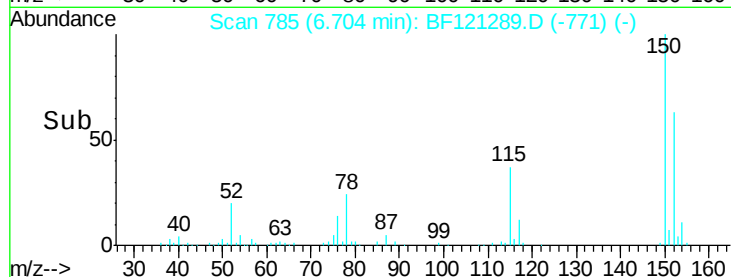
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF121289.D
Acq: 14 Aug 2020 16:43

Instrument :
BNA_F
ClientSampleId :
PB130964BL

Tot Ion:152 Resp: 69119
Ion Ratio Lower Upper
152 100
150 158.6 129.0 193.6
115 58.4 49.0 73.4



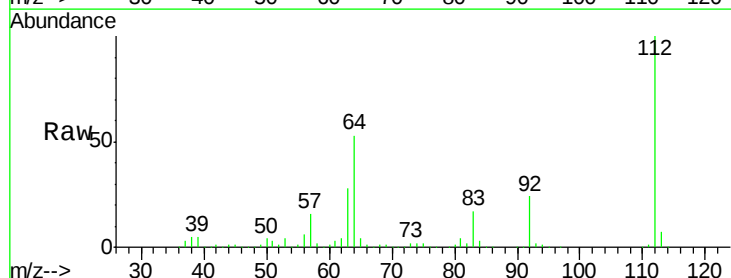
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



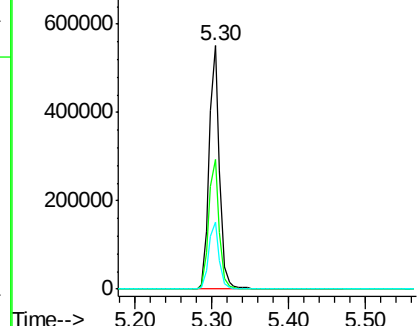
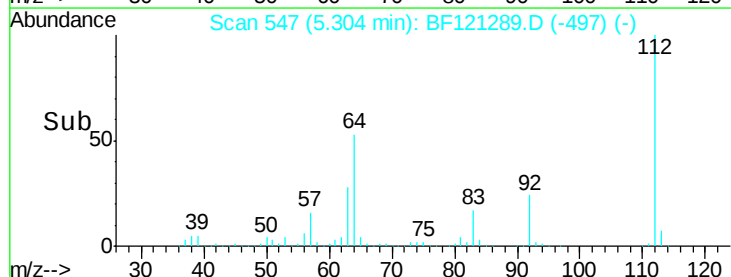
#5

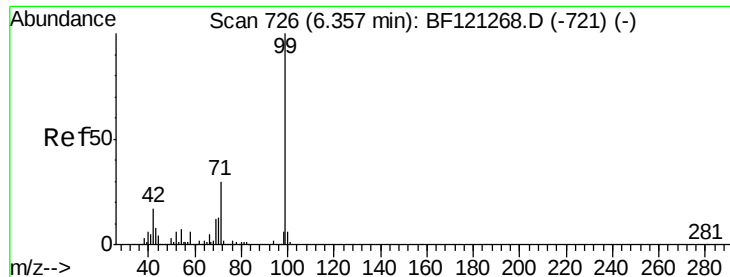
2-Fluorophenol
Concen: 113.401 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF121289.D
Acq: 14 Aug 2020 16:43

Tgt Ion:112 Resp: 517005
Ion Ratio Lower Upper
112 100
64 53.3 45.4 68.2
63 27.7 23.0 34.6



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: 104.986 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

Instrument :

BNA_F

ClientSampleId :

PB130964BL

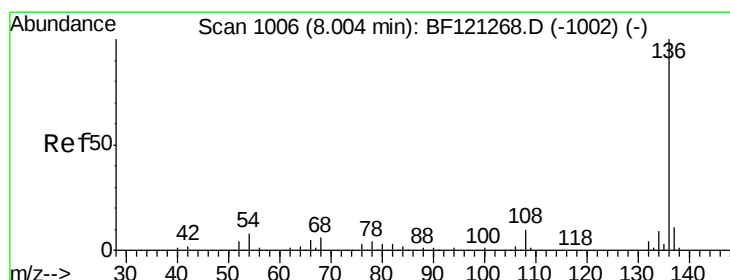
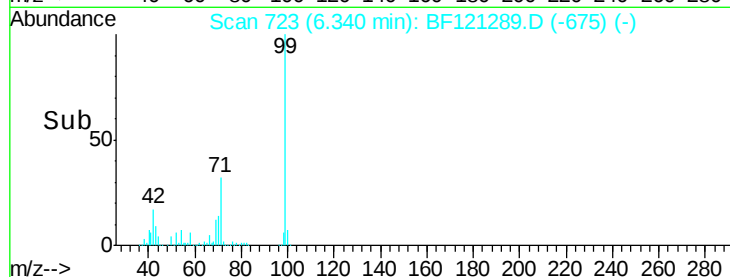
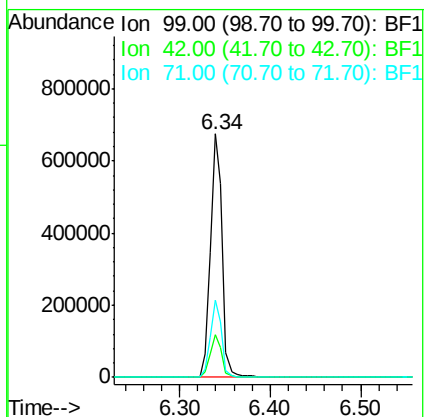
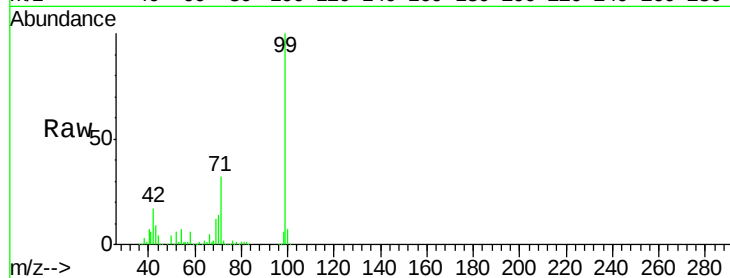
Tot Ion: 99 Resp: 616798

Ion Ratio Lower Upper

99 100

42 17.4 13.1 19.7

71 31.7 23.7 35.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

Tgt Ion: 136 Resp: 272081

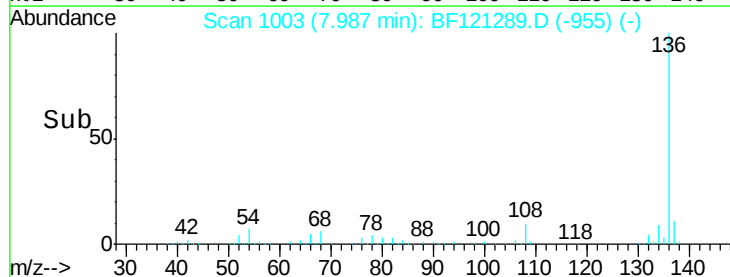
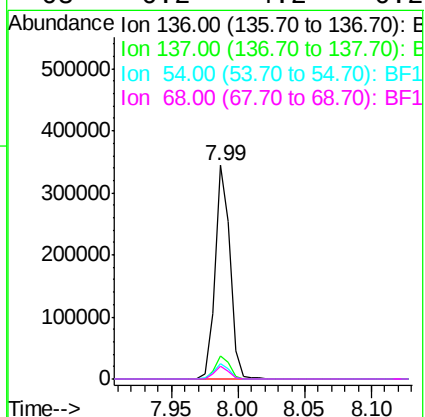
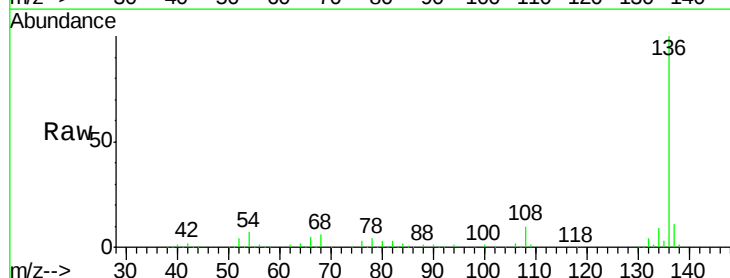
Ion Ratio Lower Upper

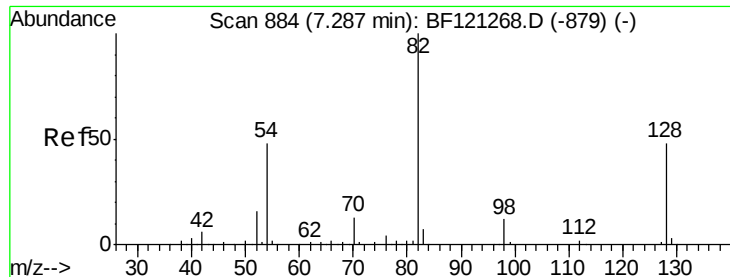
136 100

137 10.8 8.6 13.0

54 7.5 5.3 7.9

68 6.2 4.2 6.2

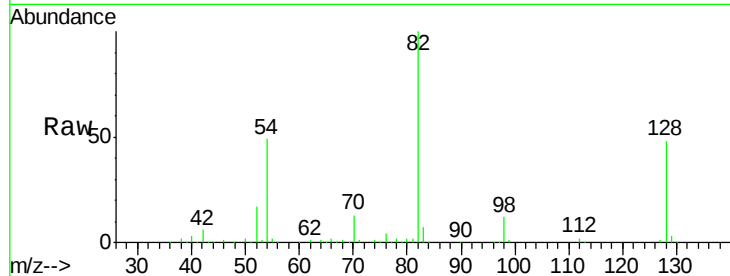




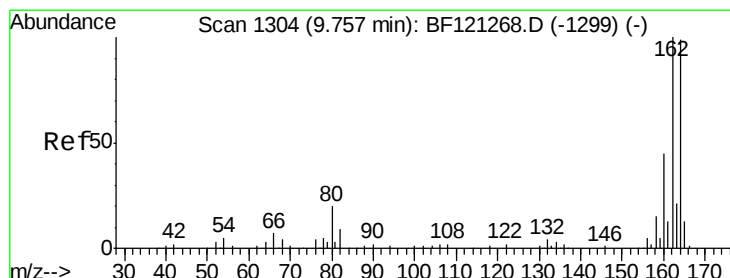
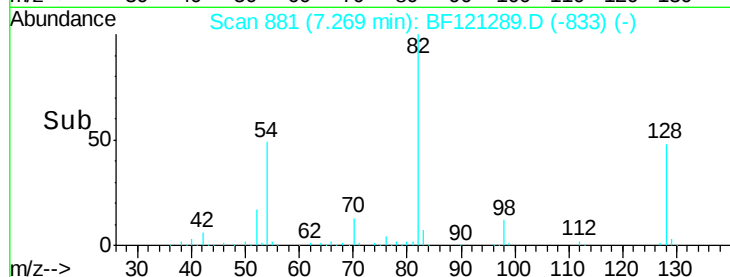
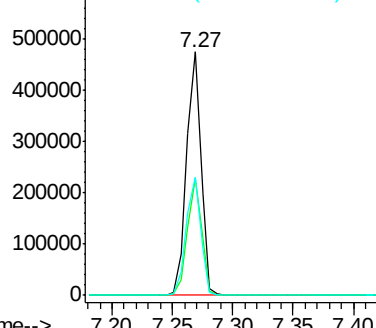
#23
Nitrobenzene-d5
Concen: 78.231 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF121289.D
Acq: 14 Aug 2020 16:43

Instrument :
BNA_F
ClientSampleId :
PB130964BL

Tot Ion	82	Resp	389459
Ion Ratio	Lower	Upper	
82	100		
128	47.9	39.8	59.8
54	48.7	37.7	56.5

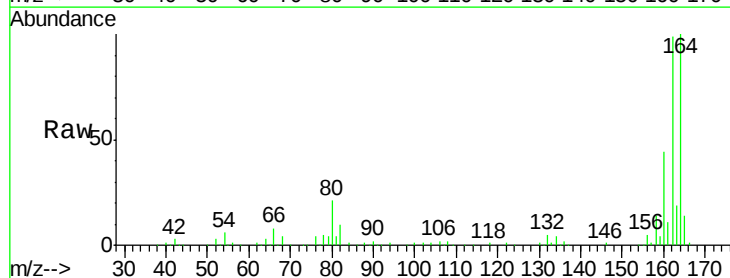


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

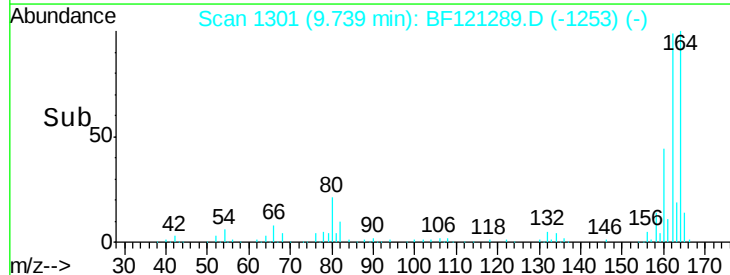
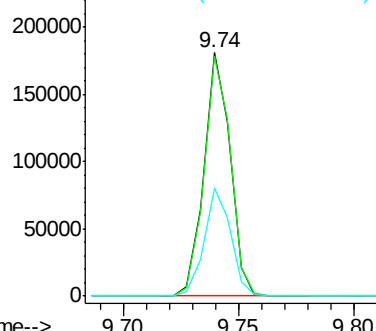


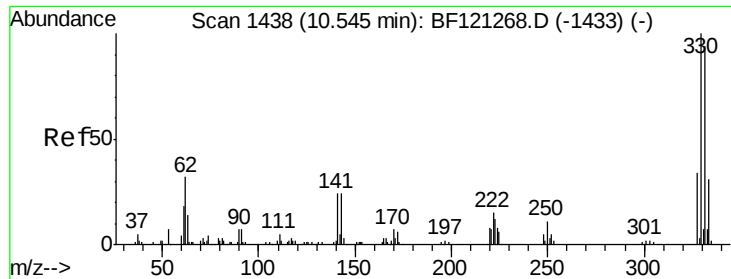
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF121289.D
Acq: 14 Aug 2020 16:43

Tgt Ion	164	Resp	142600
Ion Ratio	Lower	Upper	
164	100		
162	98.5	81.2	121.8
160	44.2	36.9	55.3



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

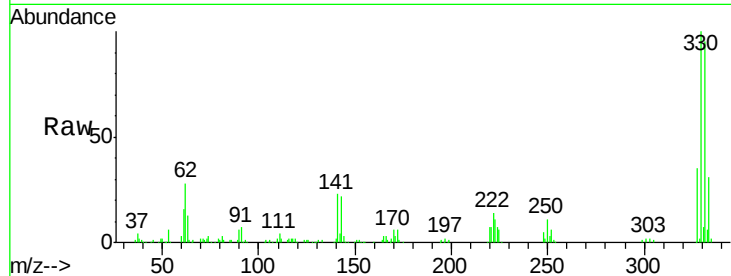




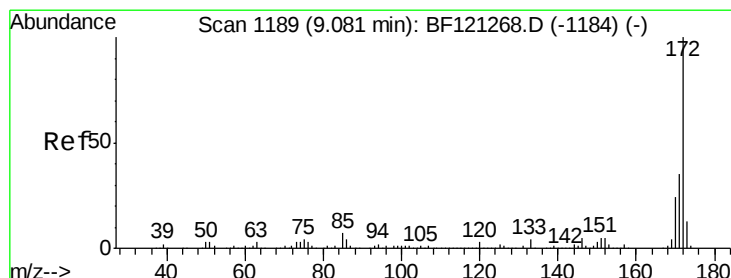
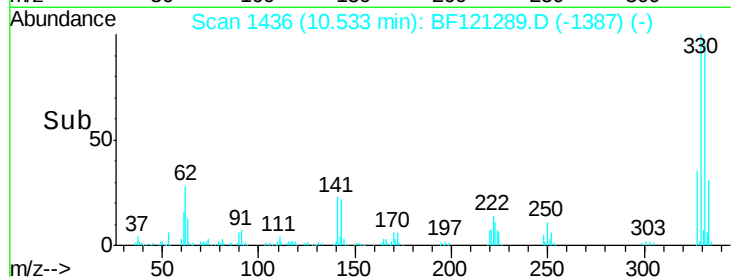
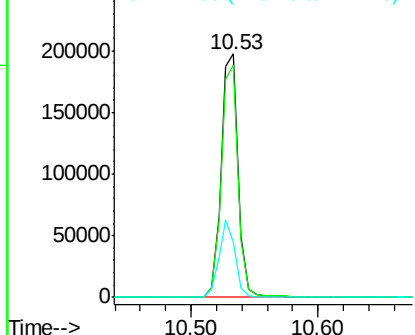
#42
 2,4,6-Tribromophenol
 Concen: 105.316 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF121289.D
 Acq: 14 Aug 2020 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB130964BL

Tot Ion:330 Resp: 184902
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.4 113.0
 141 30.2 23.4 35.2

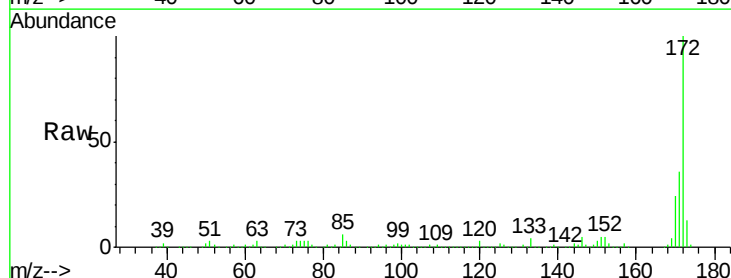


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

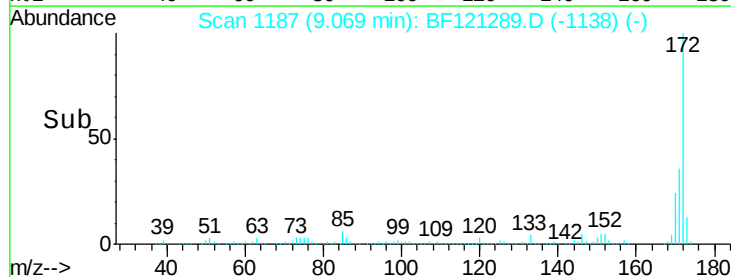
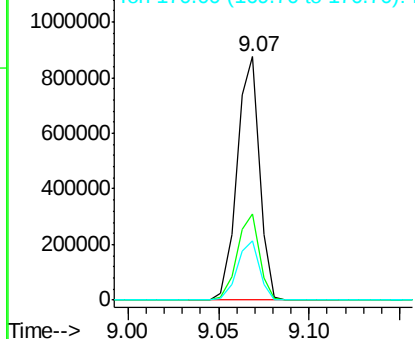


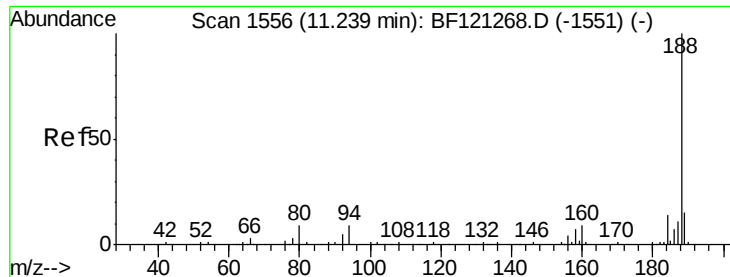
#45
 2-Fluorobiphenyl
 Concen: 72.984 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF121289.D
 Acq: 14 Aug 2020 16:43

Tgt Ion:172 Resp: 752378
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.3 42.5
 170 24.2 19.3 28.9



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: 11.22 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

Instrument :

BNA_F

ClientSampleId :

PB130964BL

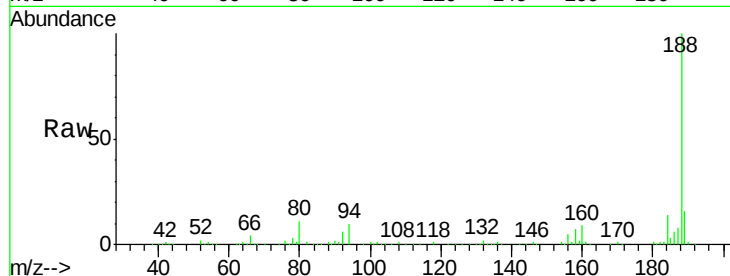
Tot Ion:188 Resp: 284034

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

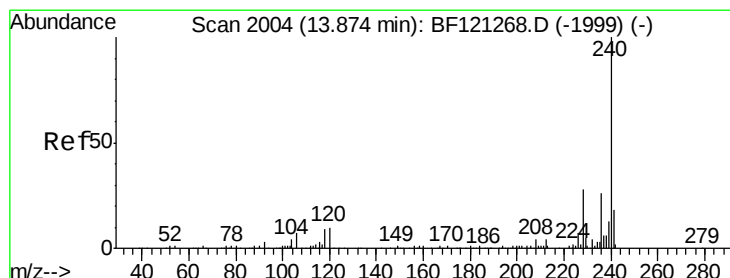
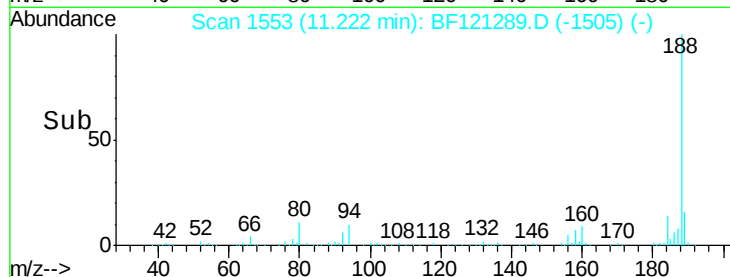
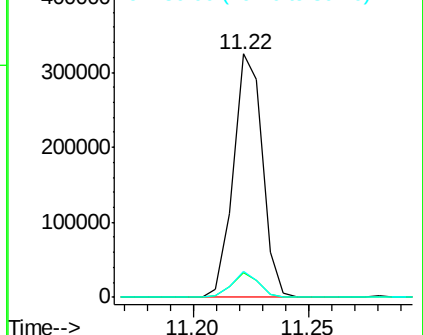
80 10.7 7.4 11.0



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: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF121289.D

Acq: 14 Aug 2020 16:43

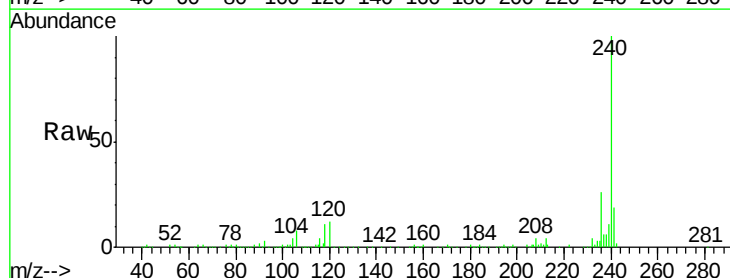
Tgt Ion:240 Resp: 279863

Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

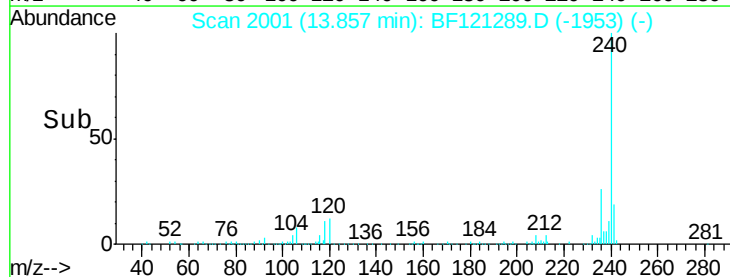
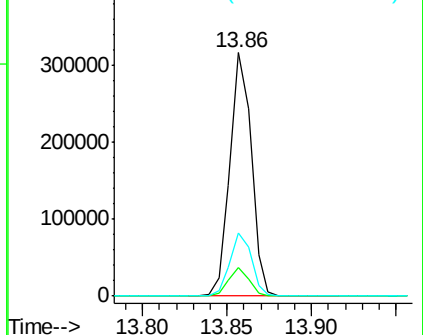
236 25.8 21.0 31.4

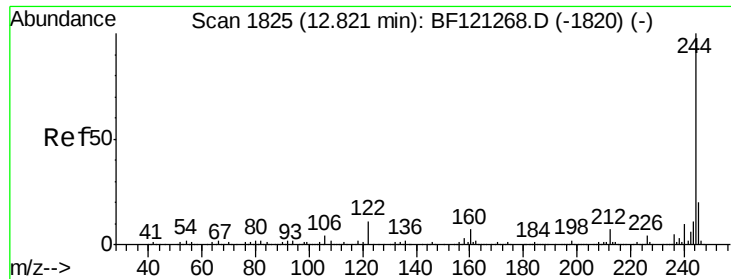


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

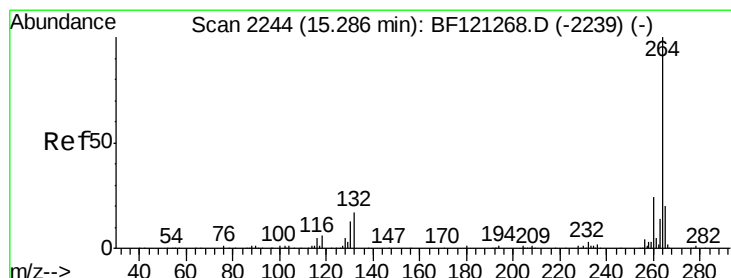
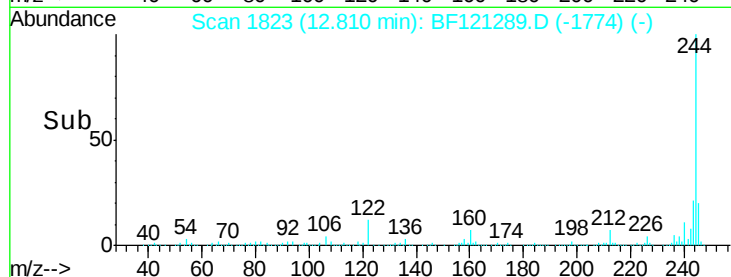
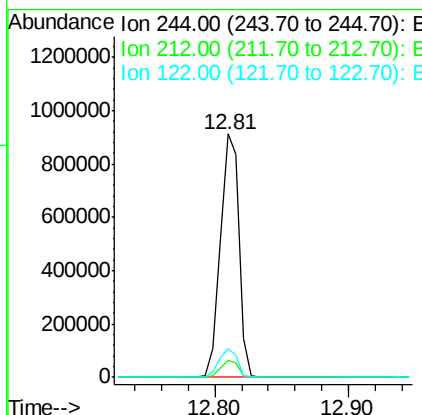
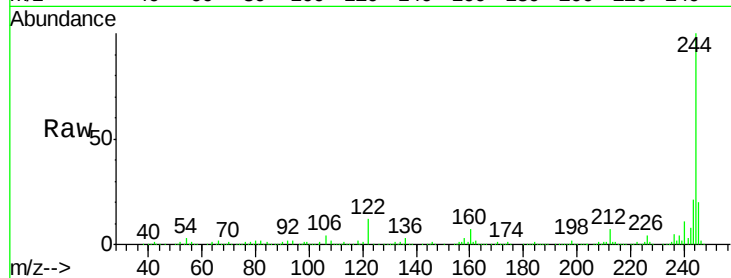




#79
 Terphenyl-d14
 Concen: 62.428 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF121289.D
 Acq: 14 Aug 2020 16:43

Instrument :
 BNA_F
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 PB130964BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.7	9.1	13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF121289.D
 Acq: 14 Aug 2020 16:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.2	17.1	25.7

