

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121188.D
 Acq On : 5 Aug 2020 11:56
 Operator : JU/CG
 Sample : PB130722BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BL

Quant Time: Aug 05 13:25:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147350	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	573291	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	299136	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	590476	20.00	ng	0.00
76) Chrysene-d12	13.96	240	507187	20.00	ng	0.00
86) Perylene-d12	15.41	264	495651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	939846	104.56	ng	0.00
7) Phenol-d6	6.43	99	1131190	97.43	ng	-0.01
23) Nitrobenzene-d5	7.36	82	763860	77.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	364378	111.28	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1403215	70.04	ng	0.00
79) Terphenyl-d14	12.91	244	1464617	62.77	ng	0.00

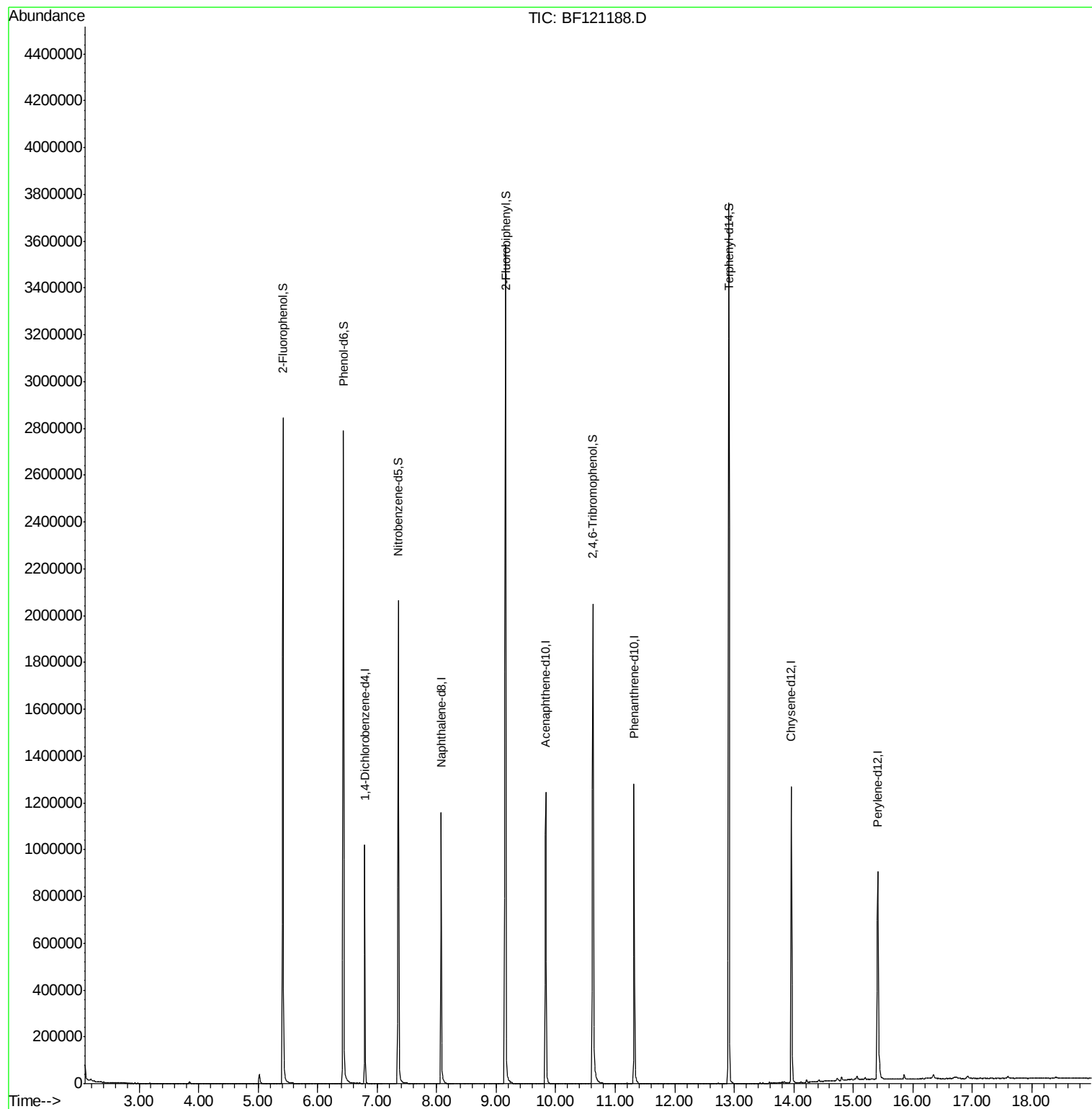
Target Compounds Qvalue

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

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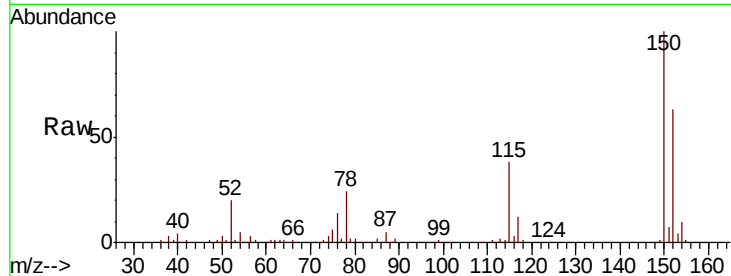


#1

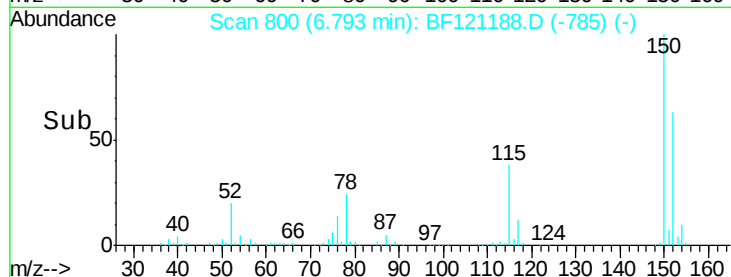
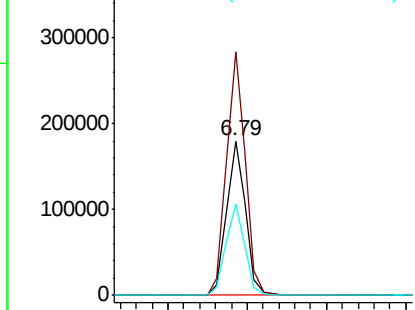
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121188.D
 Acq: 5 Aug 2020 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BL

Tot Ion:152 Resp: 147350
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.6 188.4
 115 59.5 46.2 69.2



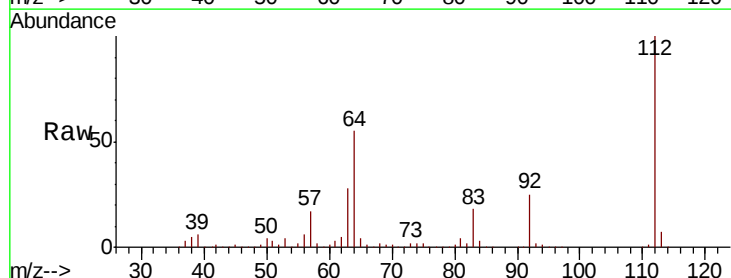
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



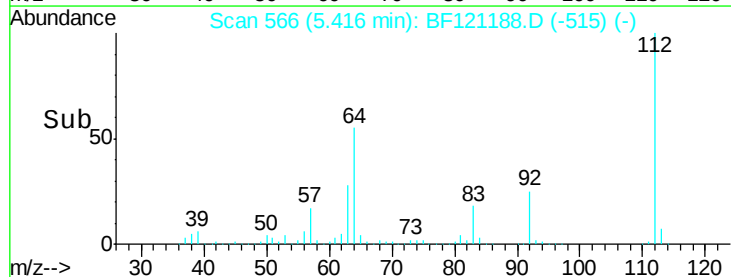
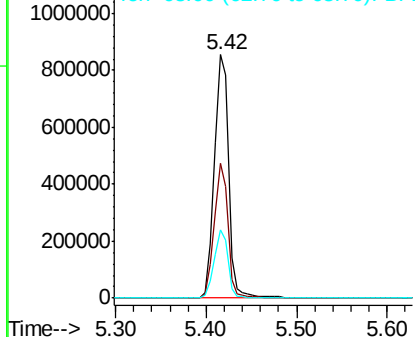
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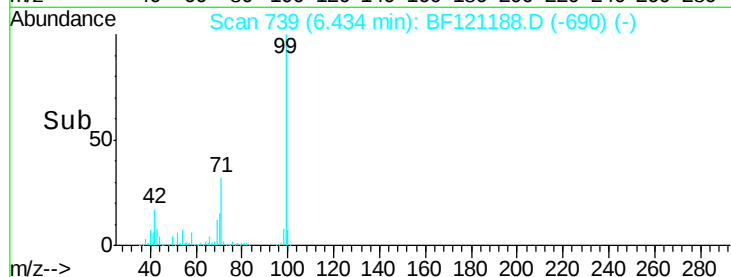
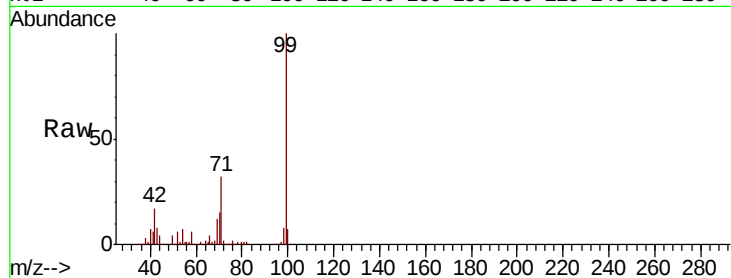
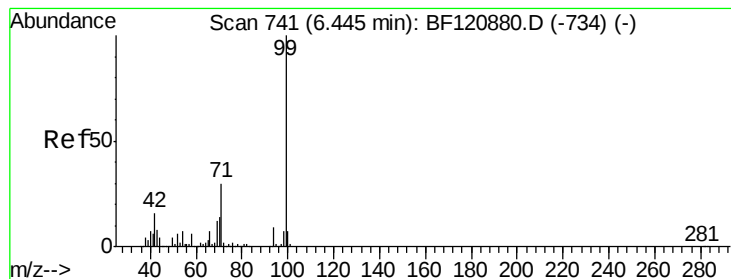
2-Fluorophenol
 Concen: 104.563 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF121188.D
 Acq: 5 Aug 2020 11:56

Tgt Ion:112 Resp: 939846
 Ion Ratio Lower Upper
 112 100
 64 55.4 43.9 65.9
 63 28.2 22.7 34.1



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: 97.428 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121188.D

Acq: 5 Aug 2020 11:56

Instrument :

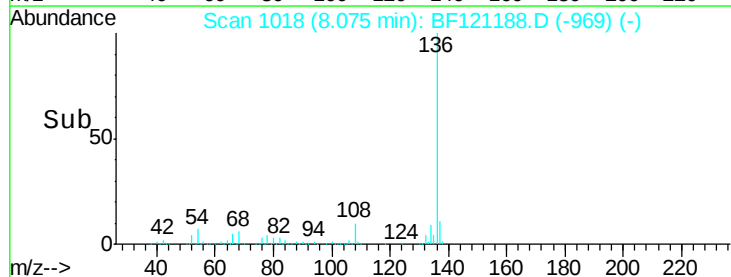
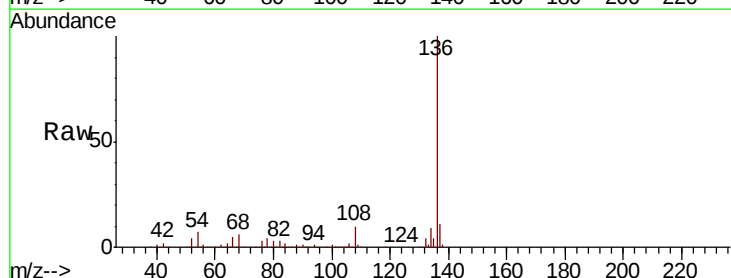
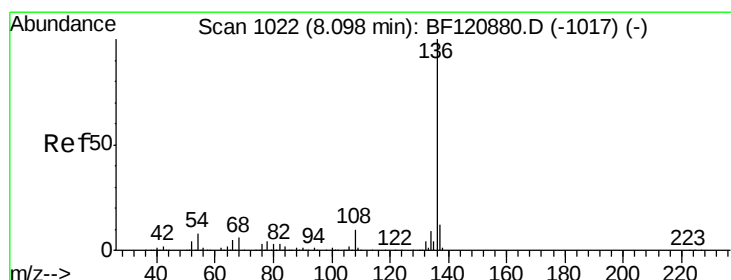
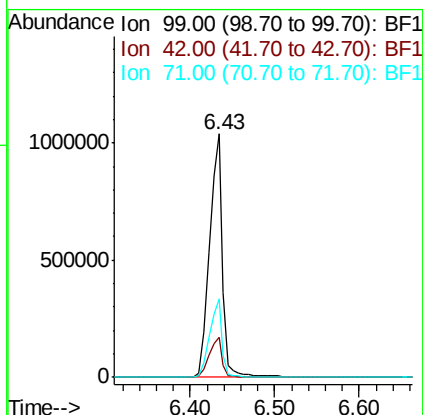
BNA_F

ClientSampleId :

PB130722BL

Tot Ion: 99 Resp: 1131190

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	32.2	25.0	37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

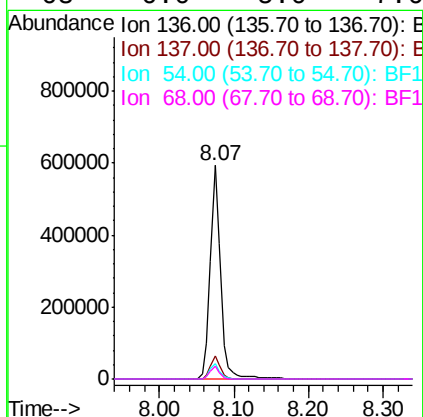
Delta R.T. -0.01 min

Lab File: BF121188.D

Acq: 5 Aug 2020 11:56

Tgt Ion: 136 Resp: 573291

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.1	6.1	9.1
68	6.0	5.0	7.6

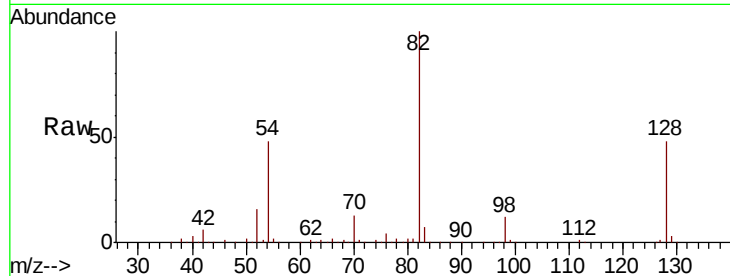




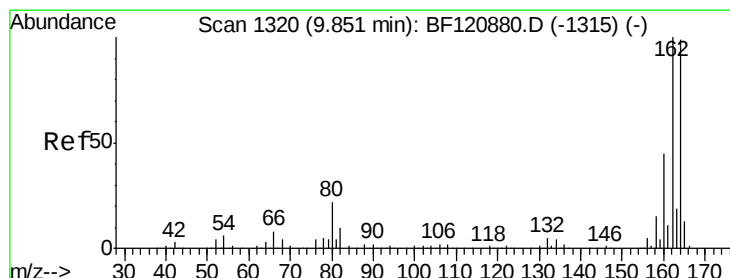
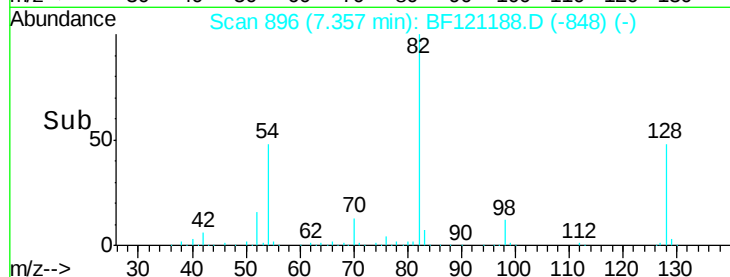
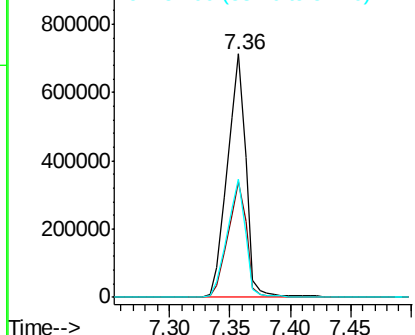
#23
 Nitrobenzene-d5
 Concen: 77.097 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121188.D
 Acq: 5 Aug 2020 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB130722BL

Tot Ion: 82 Resp: 763860
 Ion Ratio Lower Upper
 82 100
 128 47.6 39.2 58.8
 54 48.5 37.8 56.8

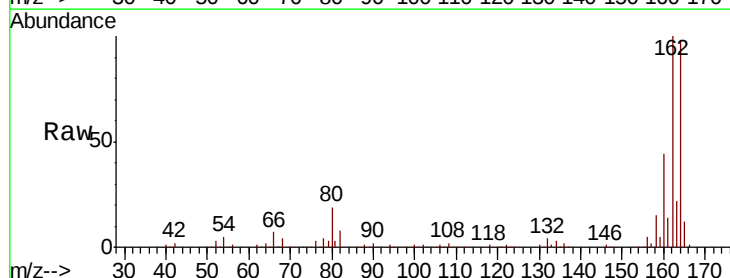


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

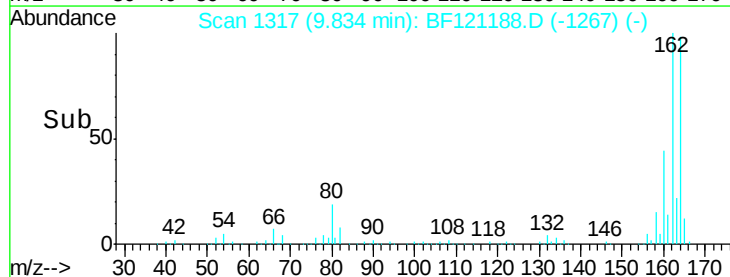
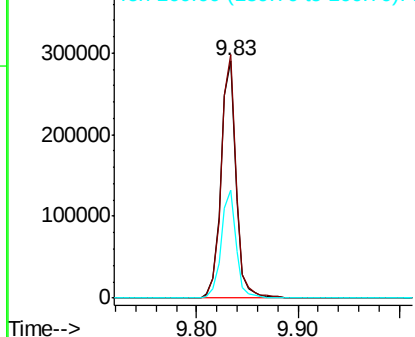


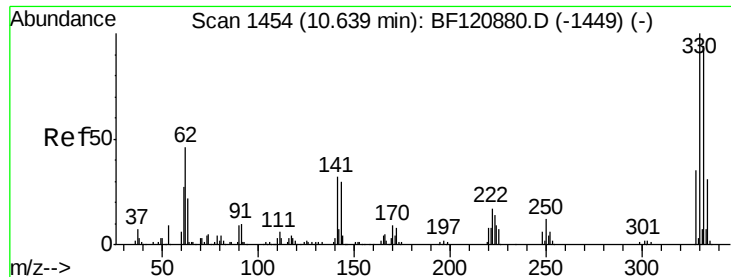
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121188.D
 Acq: 5 Aug 2020 11:56

Tgt Ion:164 Resp: 299136
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.2 123.2
 160 45.5 37.2 55.8



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: 111.283 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121188.D

Acq: 5 Aug 2020 11:56

Instrument :

BNA_F

ClientSampleId :

PB130722BL

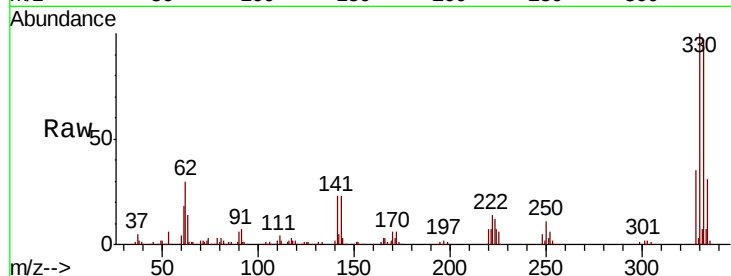
Tot Ion:330 Resp: 364378

Ion Ratio Lower Upper

330 100

332 95.6 76.1 114.1

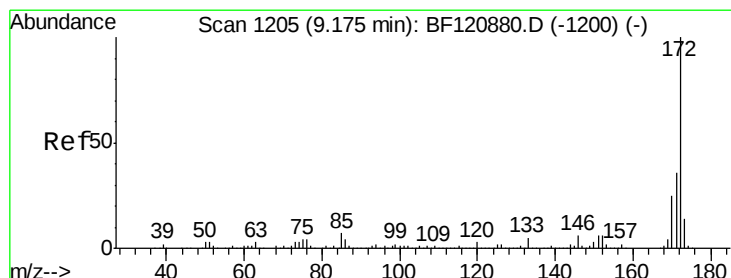
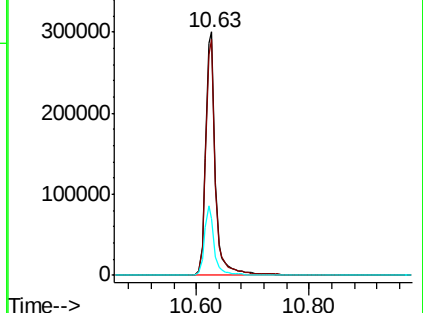
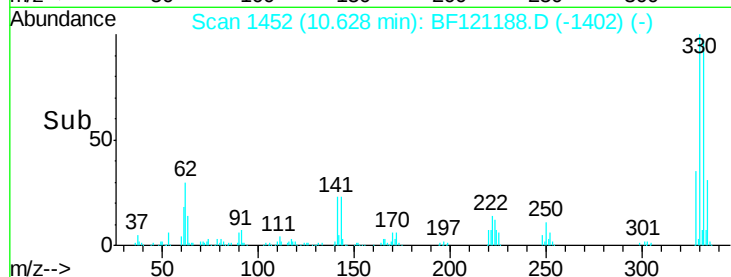
141 29.2 24.1 36.1



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: 70.037 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121188.D

Acq: 5 Aug 2020 11:56

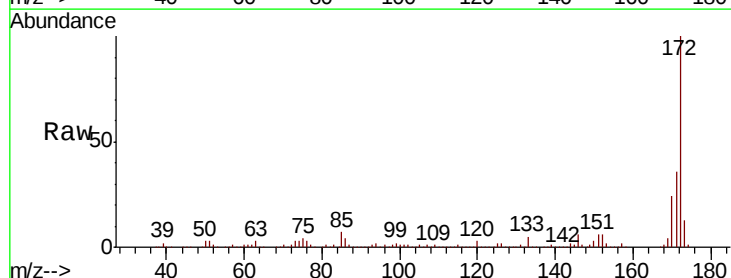
Tgt Ion:172 Resp: 1403215

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

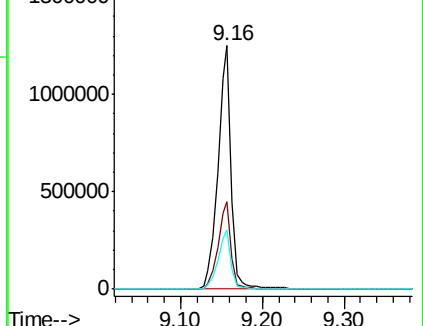
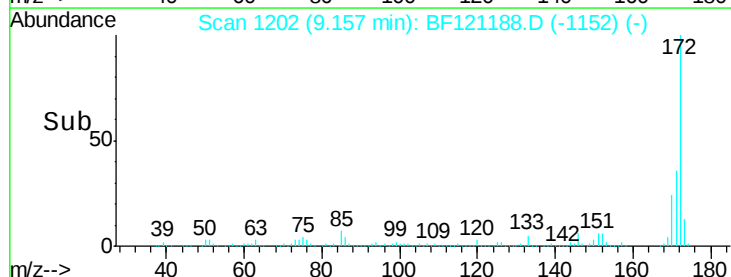
170 24.2 19.6 29.4

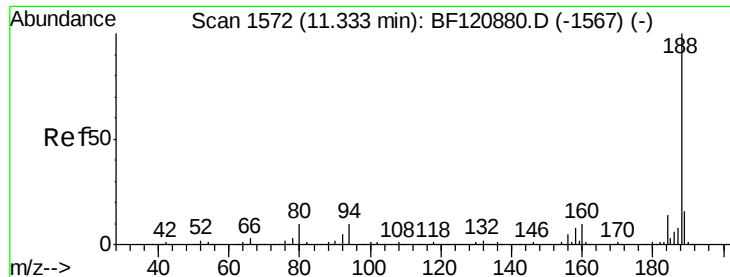


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

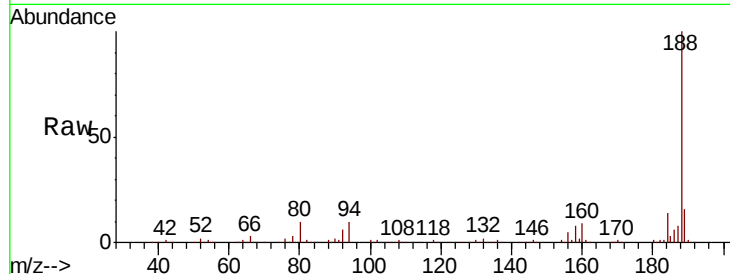




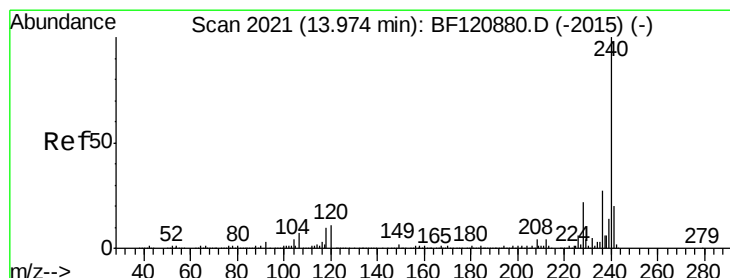
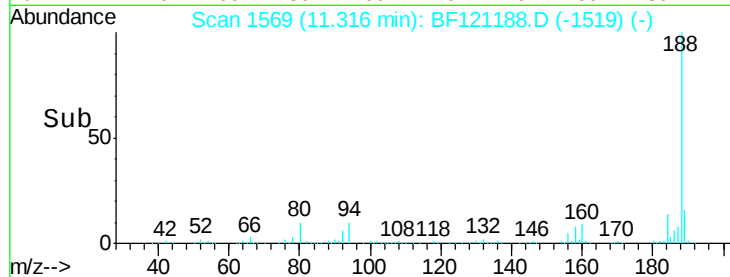
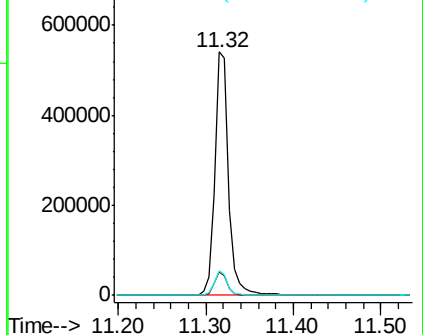
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121188.D
Acq: 5 Aug 2020 11:56

Instrument :
BNA_F
ClientSampleId :
PB130722BL

Tot Ion:188 Resp: 590476
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.4 8.3 12.5

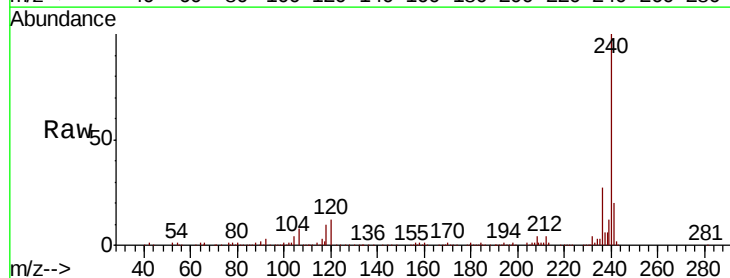


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

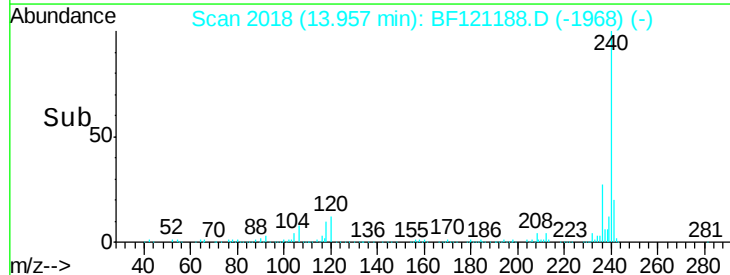
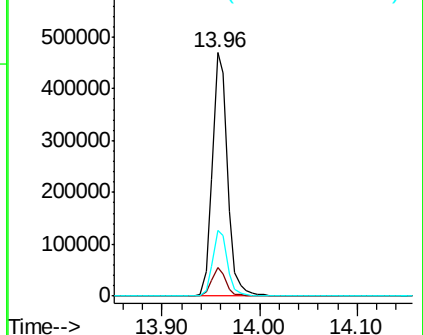


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121188.D
Acq: 5 Aug 2020 11:56

Tgt Ion:240 Resp: 507187
Ion Ratio Lower Upper
240 100
120 12.0 9.3 13.9
236 26.9 21.1 31.7



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: 62.773 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF121188.D

Acq: 5 Aug 2020 11:56

Instrument :

BNA_F

ClientSampleId :

PB130722BL

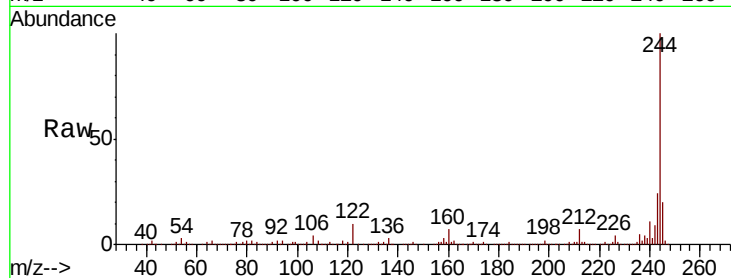
Tot Ion:244 Resp: 1464617

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

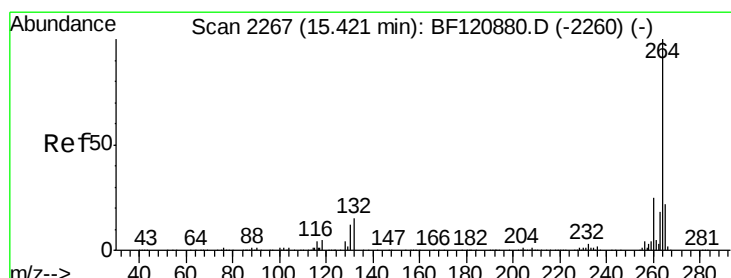
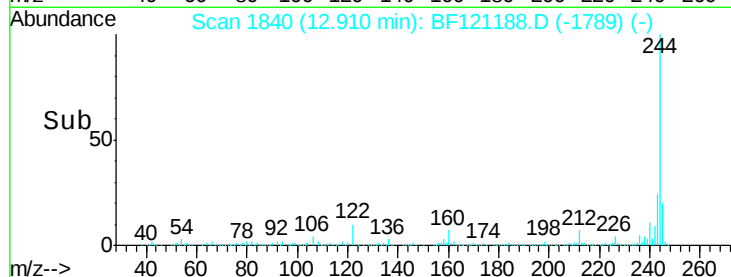
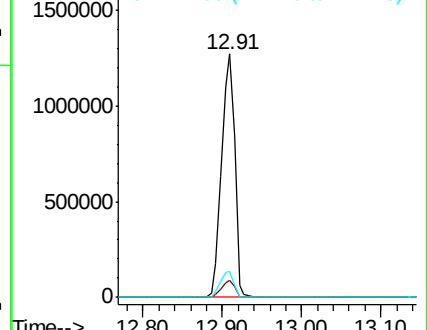
122 10.4 8.3 12.5



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: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF121188.D

Acq: 5 Aug 2020 11:56

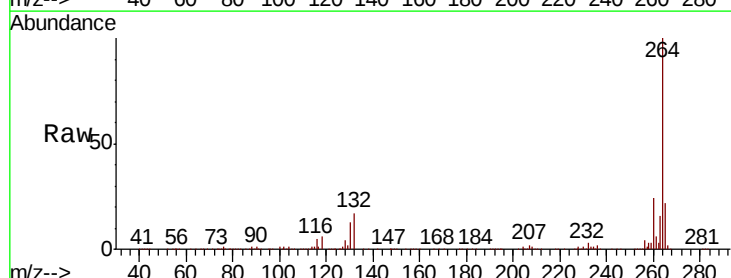
Tgt Ion:264 Resp: 495651

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 21.7 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

