

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080320\
 Data File : BF121176.D
 Acq On : 3 Aug 2020 15:20
 Operator : JU/CG
 Sample : L3489-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Aug 03 15:45:23 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	126635	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	494735	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	254322	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	489124	20.00	ng	0.00
76) Chrysene-d12	13.96	240	369386	20.00	ng	0.00
86) Perylene-d12	15.41	264	329359	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	418519	54.18	ng	0.00
7) Phenol-d6	6.43	99	318715	31.94	ng	-0.02
23) Nitrobenzene-d5	7.36	82	686554	80.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	317307	113.98	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1204866	70.73	ng	0.00
79) Terphenyl-d14	12.91	244	1311729	77.19	ng	0.00

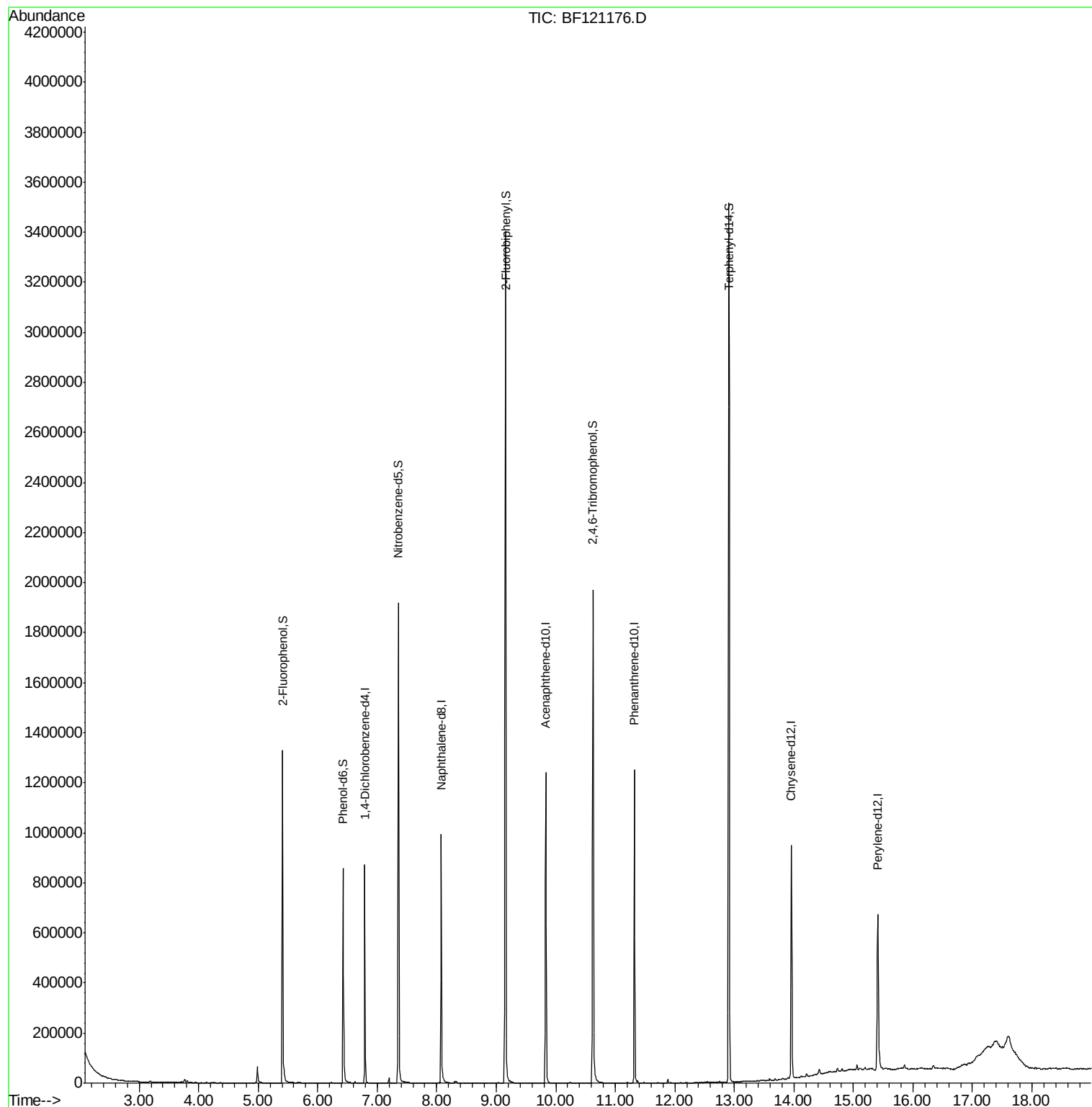
Target Compounds	Qvalue
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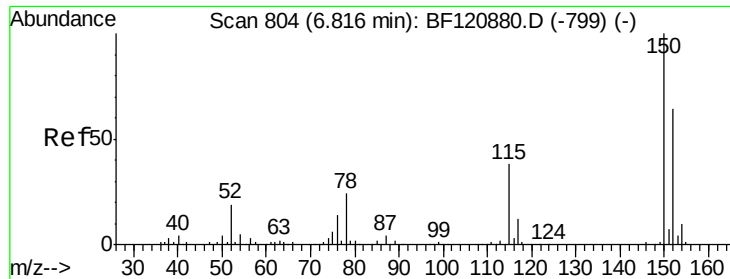
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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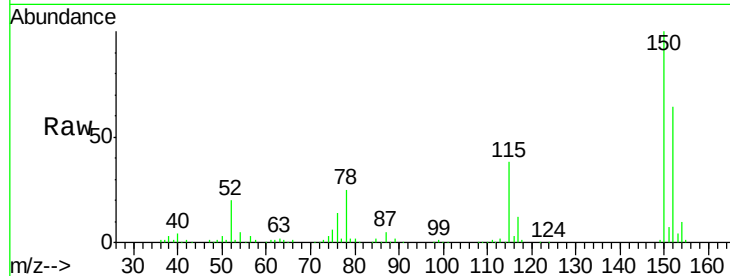


#1

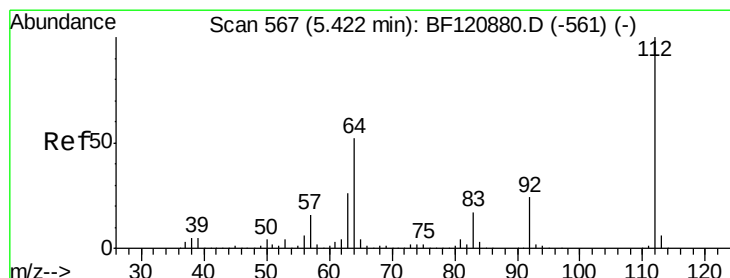
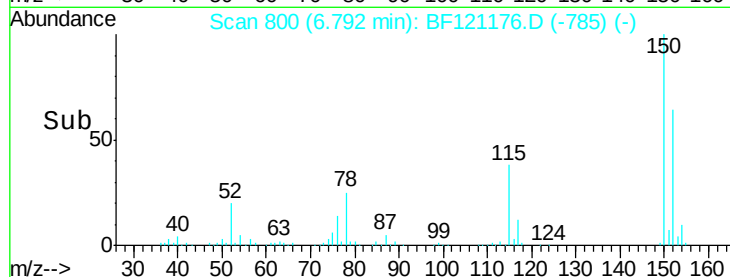
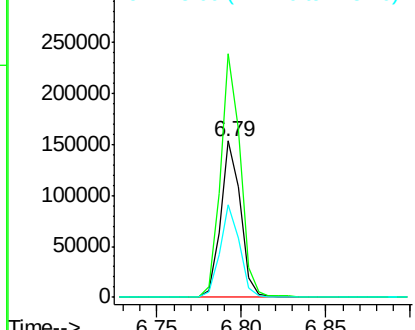
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121176.D
Acq: 3 Aug 2020 15:20

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:152 Resp: 126635
Ion Ratio Lower Upper
152 100
150 155.8 125.6 188.4
115 59.6 46.2 69.2



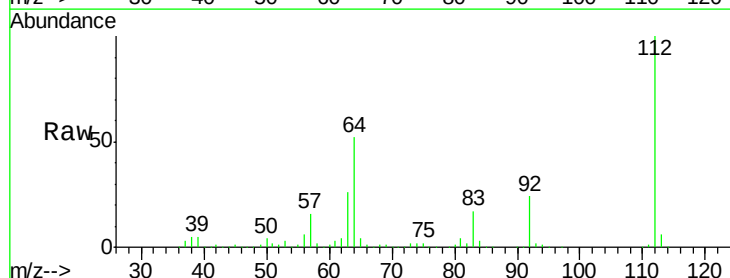
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



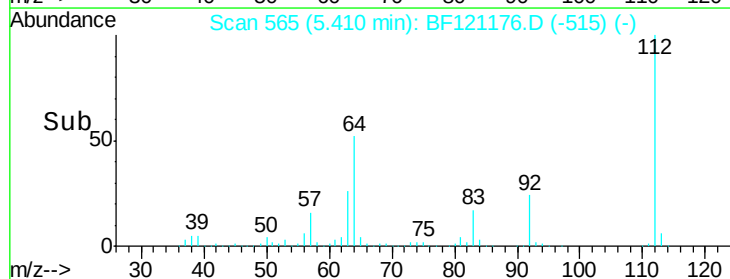
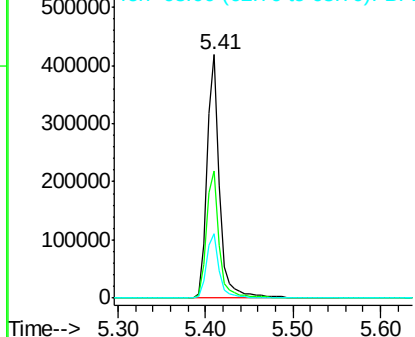
#5

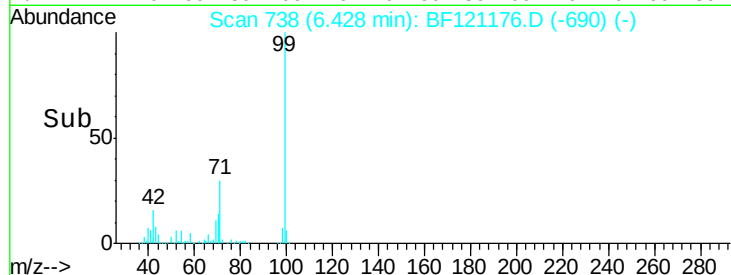
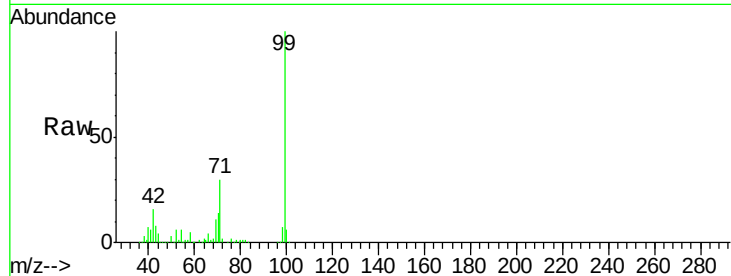
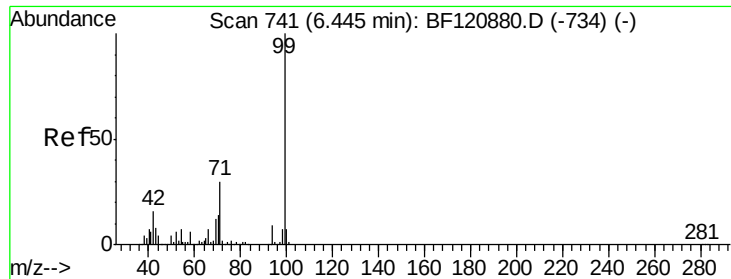
2-Fluorophenol
Concen: 54.179 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121176.D
Acq: 3 Aug 2020 15:20

Tgt Ion:112 Resp: 418519
Ion Ratio Lower Upper
112 100
64 52.4 43.9 65.9
63 26.3 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: 31.941 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121176.D

Acq: 3 Aug 2020 15:20

Instrument :

BNA_F

ClientSampleId :

FB

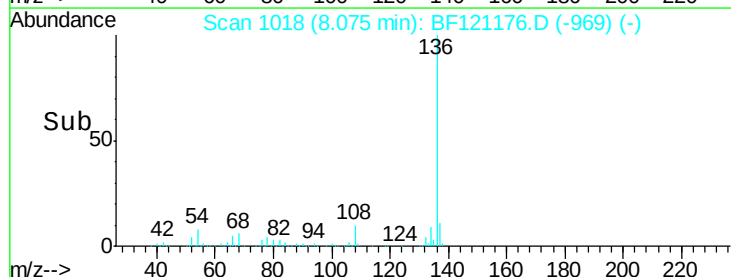
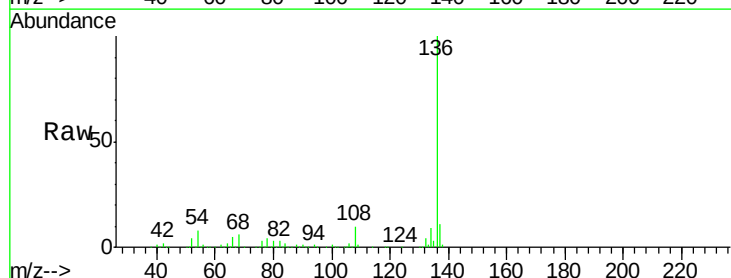
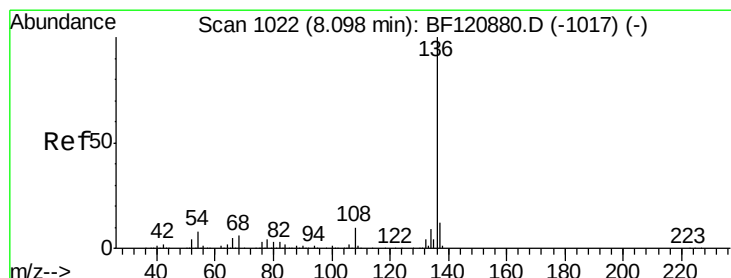
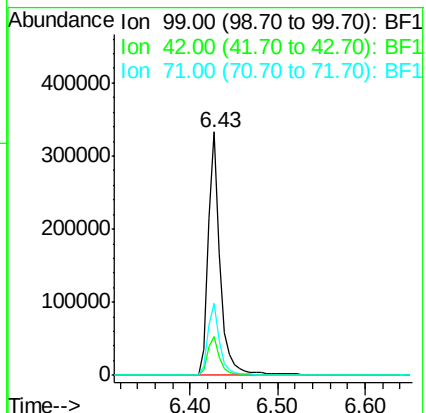
Tgt Ion: 99 Resp: 318715

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 29.8 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: BF121176.D

Acq: 3 Aug 2020 15:20

Tgt Ion: 136 Resp: 494735

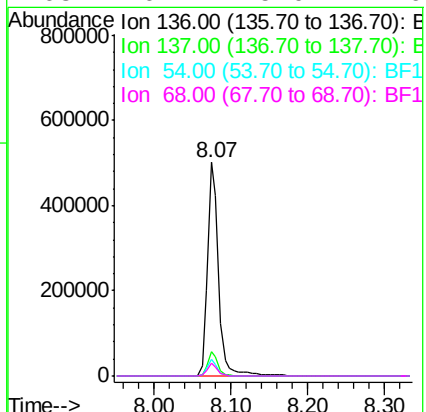
Ion Ratio Lower Upper

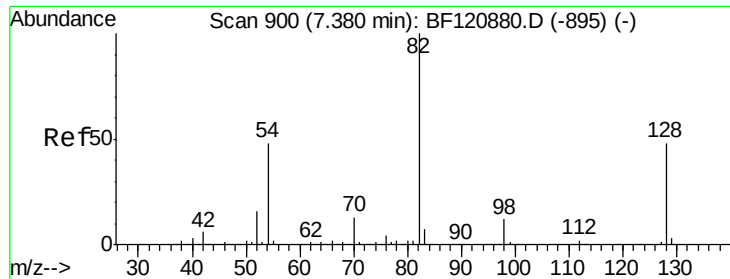
136 100

137 11.3 9.0 13.4

54 7.6 6.1 9.1

68 6.2 5.0 7.6

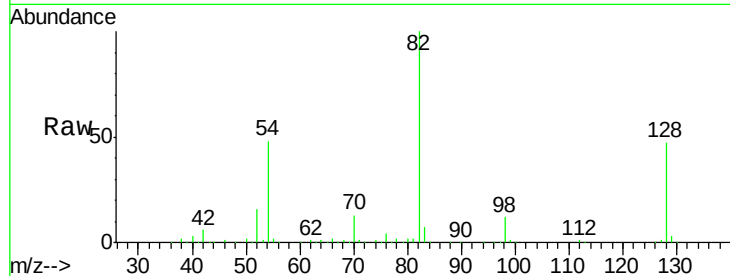




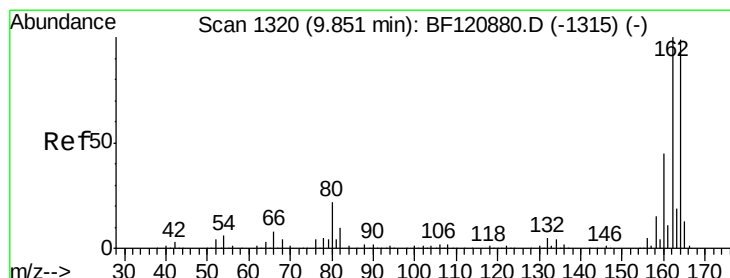
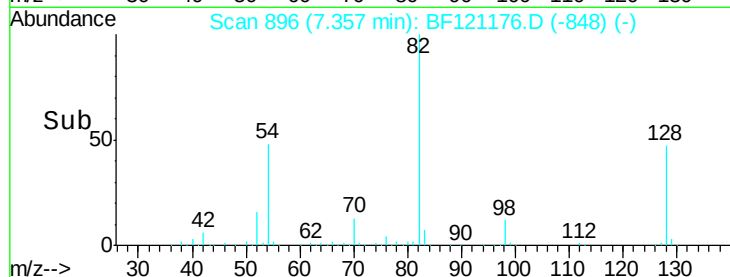
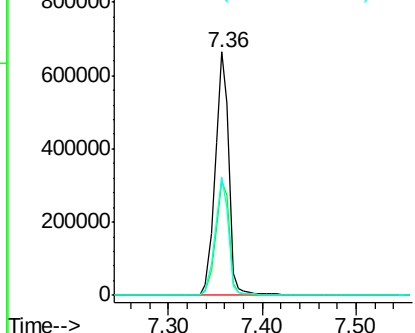
#23
 Nitrobenzene-d5
 Concen: 80.298 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121176.D
 Acq: 3 Aug 2020 15:20

Instrument :
 BNA_F
 ClientSampled :
 FB

Tgt Ion: 82 Resp: 686554
 Ion Ratio Lower Upper
 82 100
 128 46.8 39.2 58.8
 54 48.4 37.8 56.8

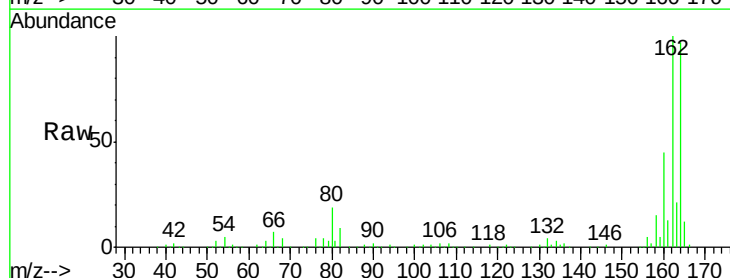


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

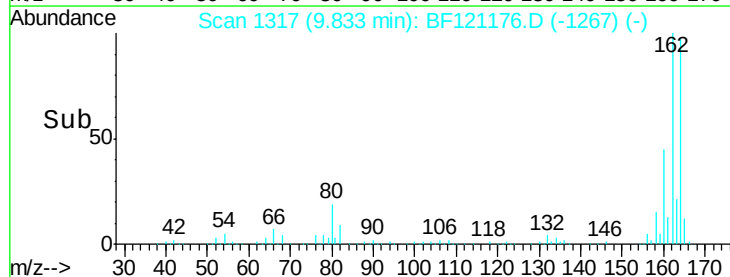
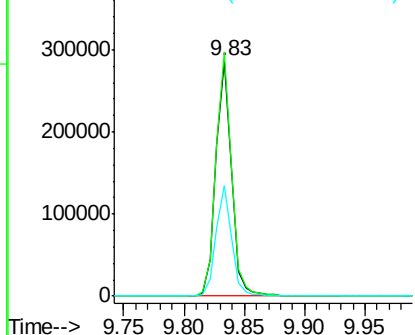


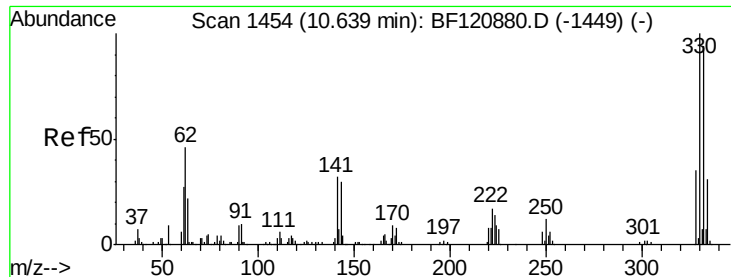
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121176.D
 Acq: 3 Aug 2020 15:20

Tgt Ion: 164 Resp: 254322
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.2 123.2
 160 47.0 37.2 55.8



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: 113.983 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121176.D

Acq: 3 Aug 2020 15:20

Instrument :

BNA_F

ClientSampleId :

FB

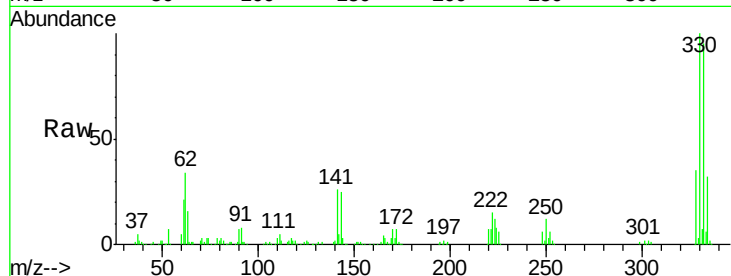
Tgt Ion:330 Resp: 317307

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

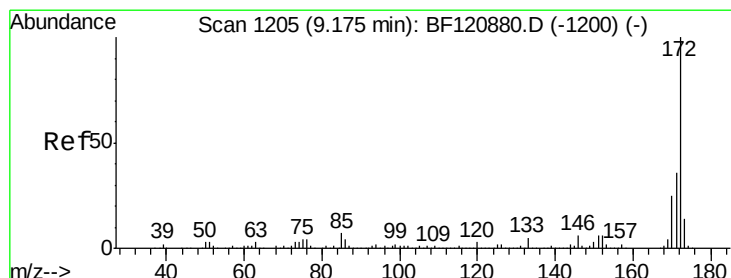
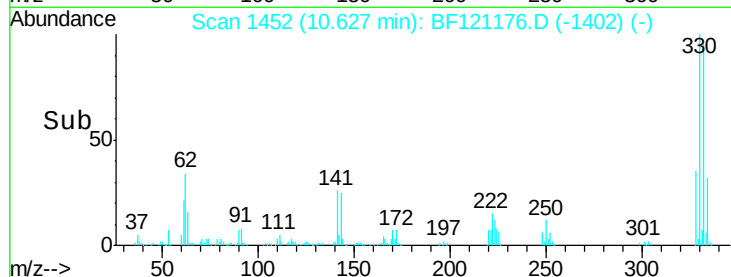
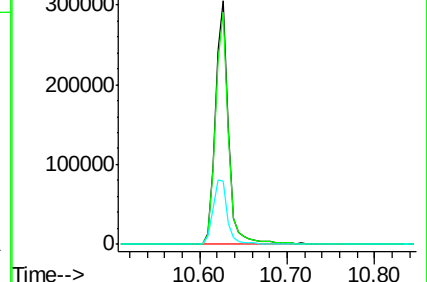
141 29.6 24.1 36.1



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: 70.734 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121176.D

Acq: 3 Aug 2020 15:20

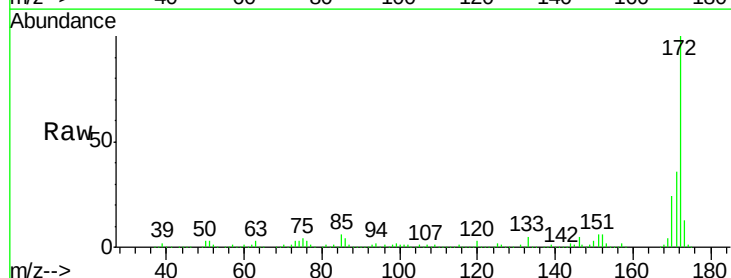
Tgt Ion:172 Resp: 1204866

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

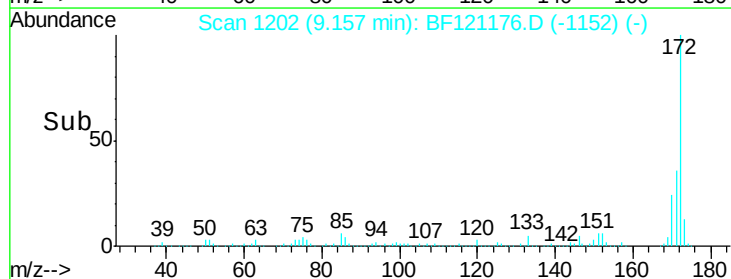
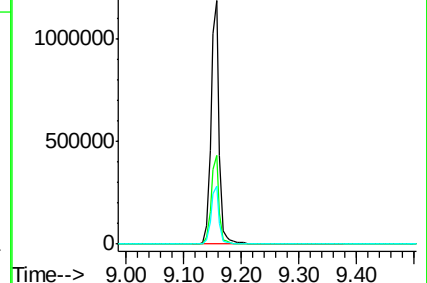
170 24.1 19.6 29.4

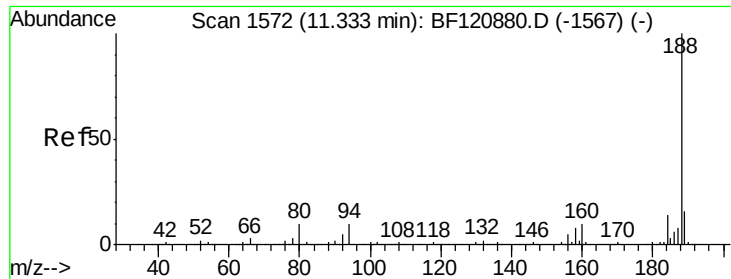


Abundance Ion 172.00 (171.70 to 172.70): E

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# 1570

Delta R.T. -0.00 min

Lab File: BF121176.D

Acq: 3 Aug 2020 15:20

Instrument :

BNA_F

ClientSampleId :

FB

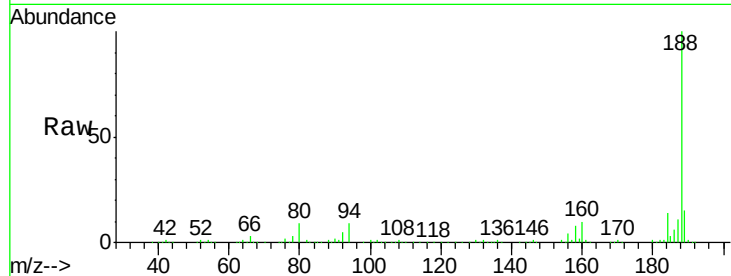
Tgt Ion:188 Resp: 489124

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

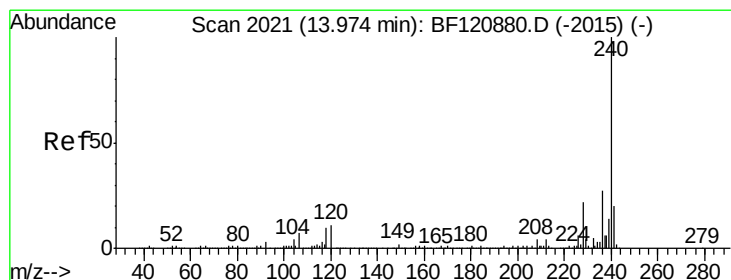
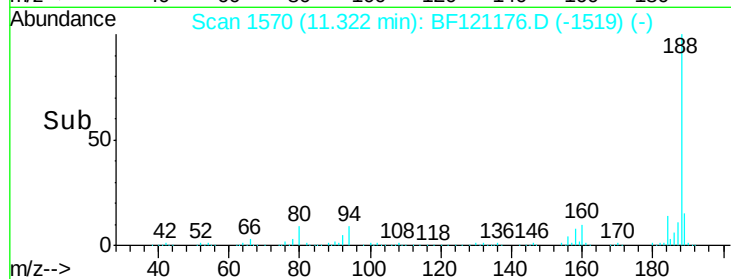
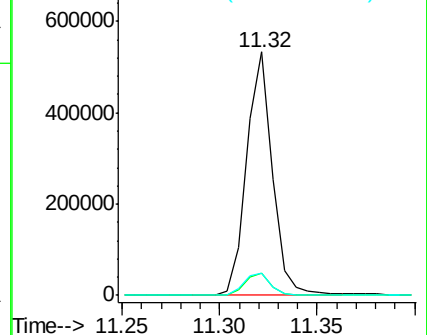
80 9.3 8.3 12.5



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# 2019

Delta R.T. -0.00 min

Lab File: BF121176.D

Acq: 3 Aug 2020 15:20

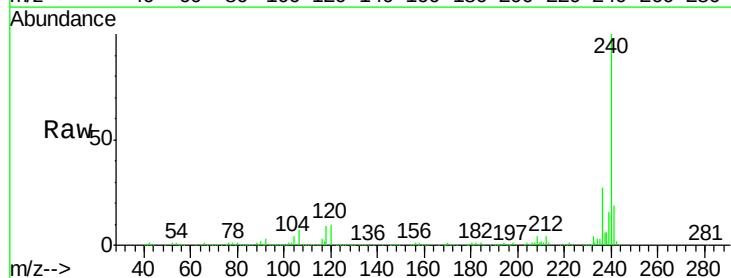
Tgt Ion:240 Resp: 369386

Ion Ratio Lower Upper

240 100

120 10.0 9.3 13.9

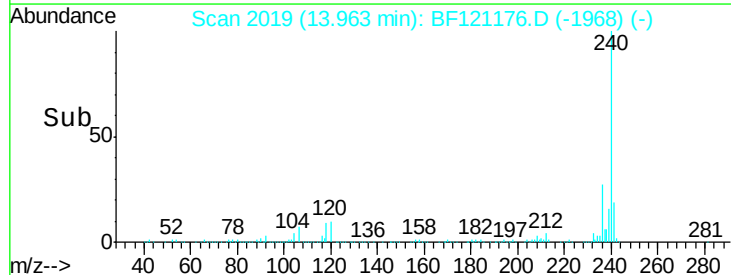
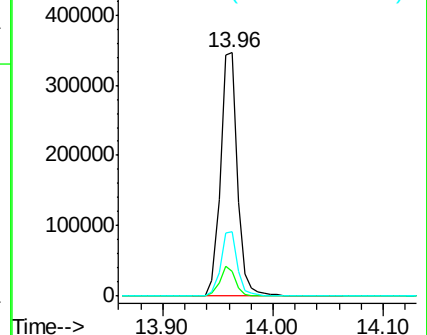
236 26.6 21.1 31.7

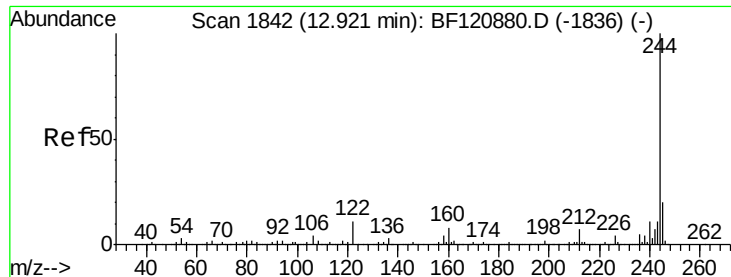


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

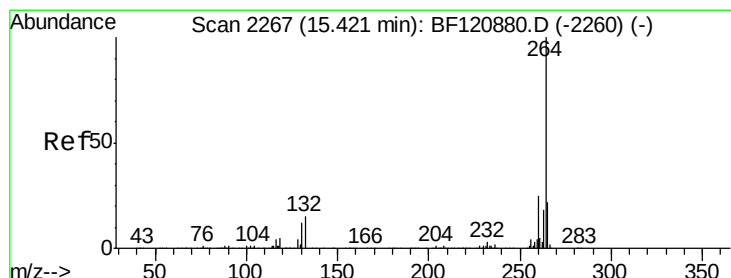
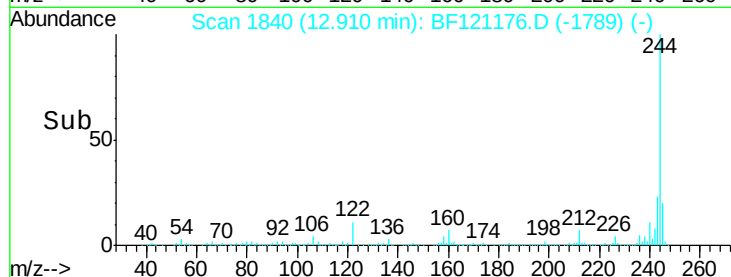
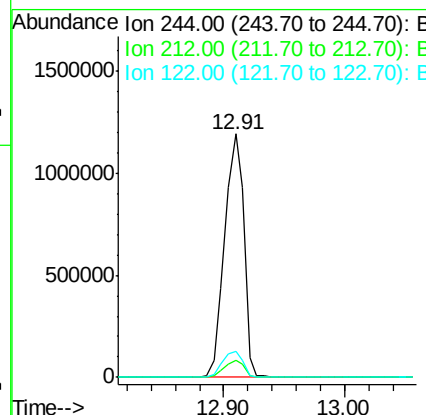
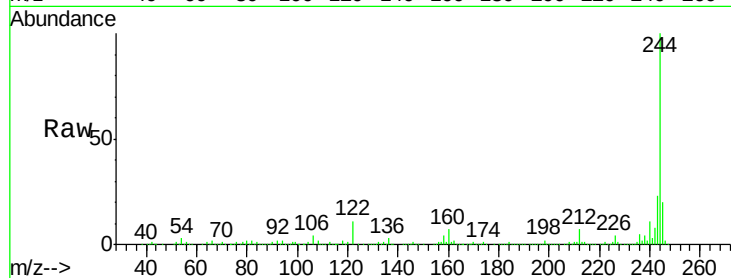




#79
 Terphenyl-d14
 Concen: 77.193 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121176.D
 Acq: 3 Aug 2020 15:20

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:244 Resp: 1311729
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121176.D
 Acq: 3 Aug 2020 15:20

Tgt Ion:264 Resp: 329359
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 21.0 17.8 26.8

