

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120980.D
 Acq On : 23 Jul 2020 14:08
 Operator : JU/CG
 Sample : PB130373BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BL

Quant Time: Jul 23 16:31:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	202744	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	800527	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	430005	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	858181	20.00	ng	0.00
76) Chrysene-d12	13.97	240	741636	20.00	ng	0.00
86) Perylene-d12	15.42	264	675107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1348538	109.04	ng	0.02
7) Phenol-d6	6.45	99	1652236	103.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	1073921	77.62	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	546383	116.08	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1988890	69.06	ng	0.00
79) Terphenyl-d14	12.92	244	2004770	58.76	ng	0.00

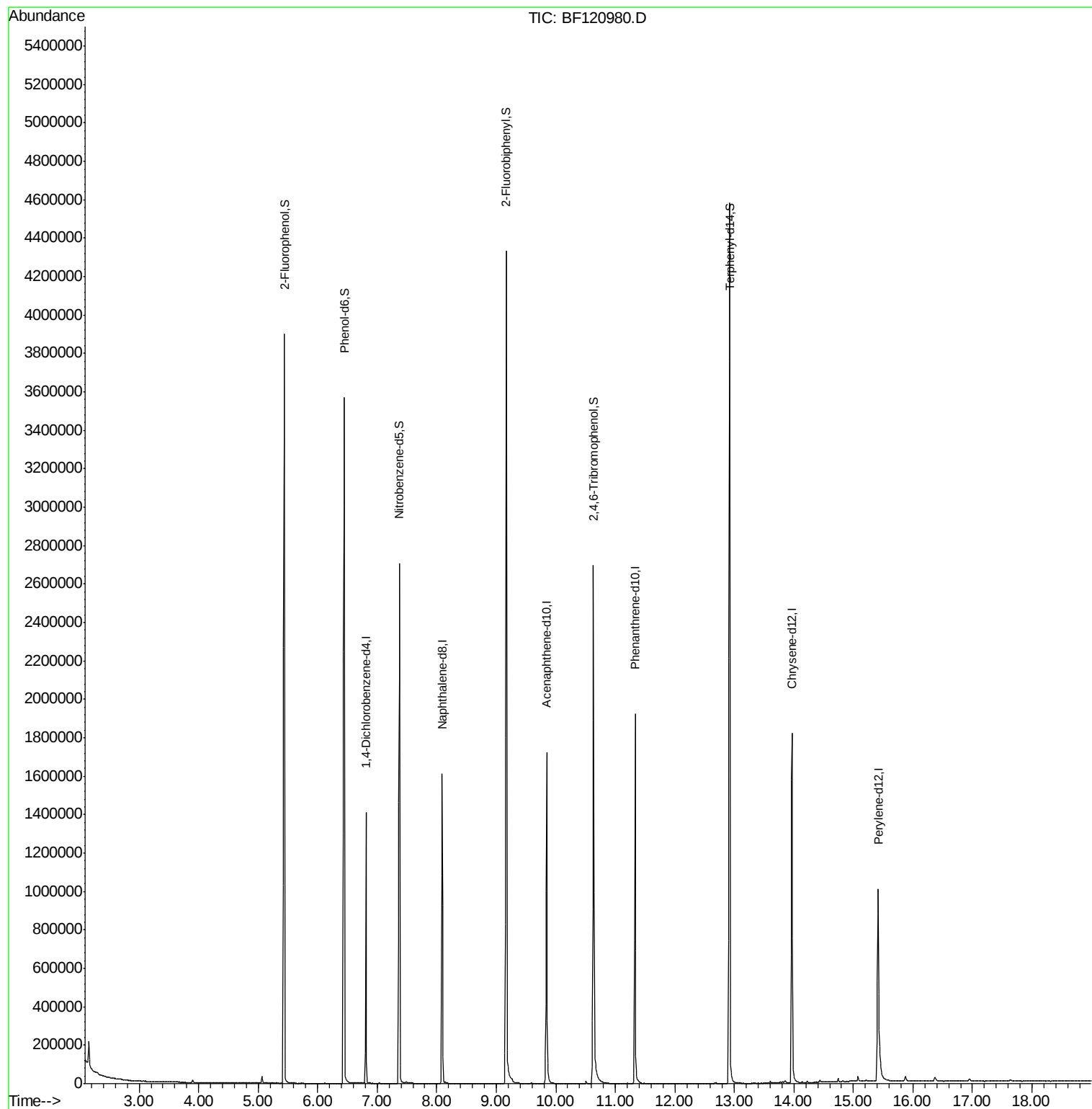
Target Compounds Qvalue

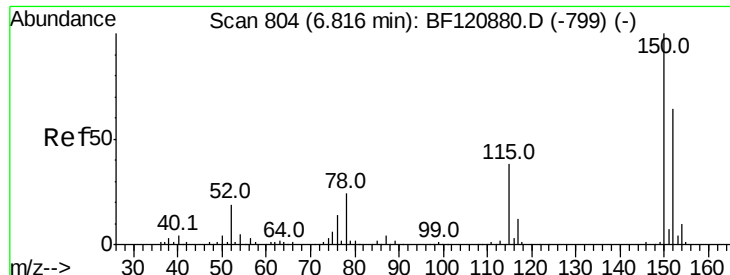
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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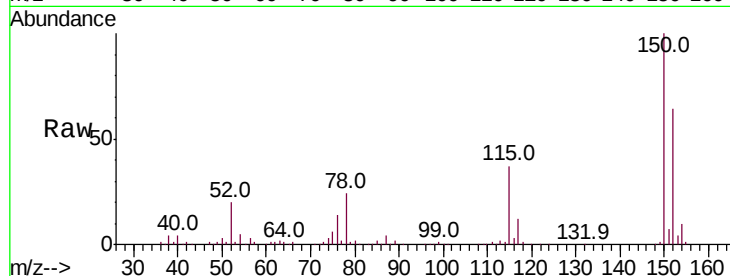


#1

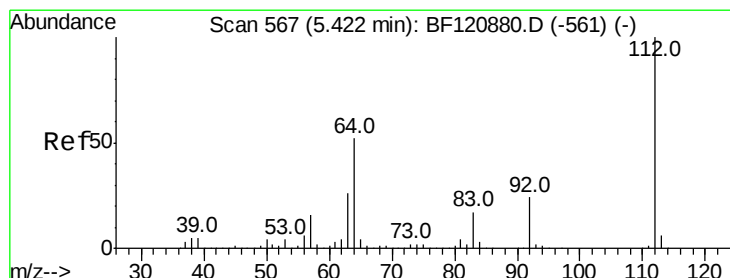
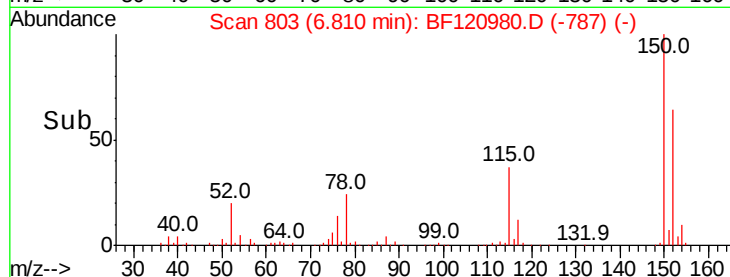
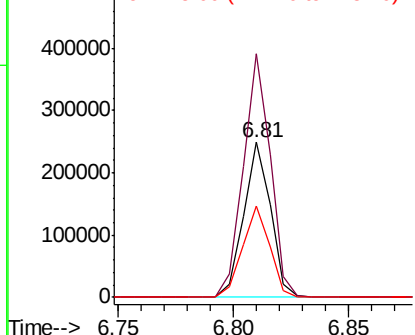
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120980.D
Acq: 23 Jul 2020 14:08

Instrument :
BNA_F
ClientSampleId :
PB130373BL

Tot Ion:152 Resp: 202744
Ion Ratio Lower Upper
152 100
150 157.1 125.0 187.6
115 58.6 47.0 70.4



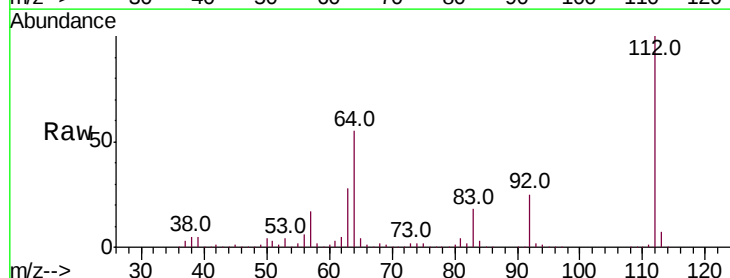
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



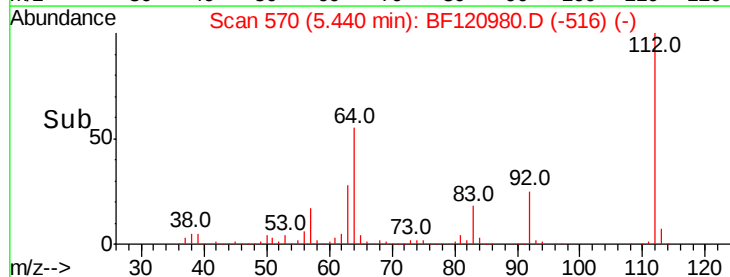
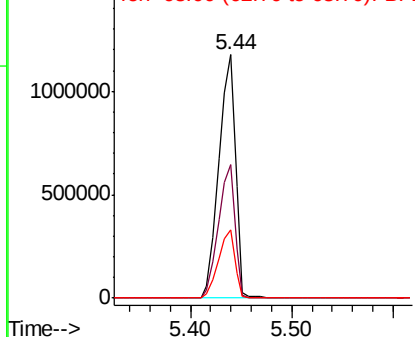
#5

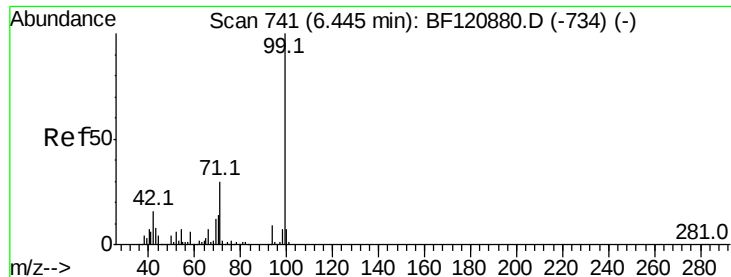
2-Fluorophenol
Concen: 109.041 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120980.D
Acq: 23 Jul 2020 14:08

Tgt Ion:112 Resp: 1348538
Ion Ratio Lower Upper
112 100
64 54.8 41.3 61.9
63 28.1 21.1 31.7



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: 103.424 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120980.D

Acq: 23 Jul 2020 14:08

Instrument :

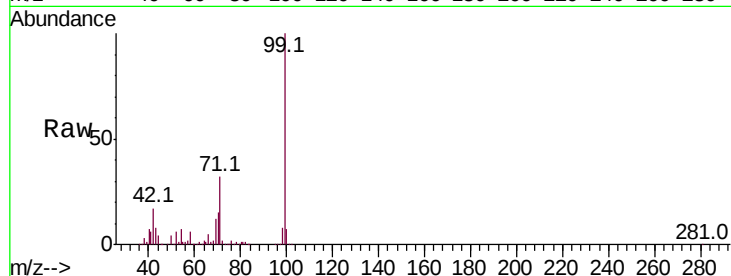
BNA_F

ClientSampleId :

PB130373BL

Tot Ion: 99 Resp: 1652236

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	32.4	24.2	36.4

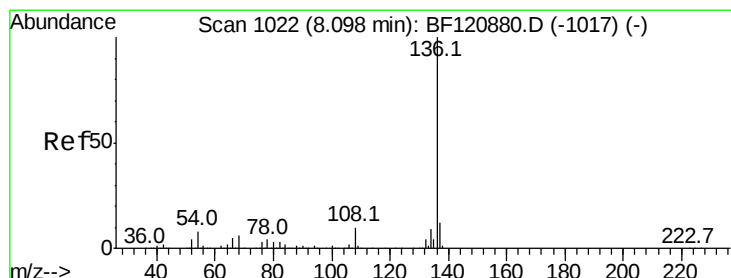
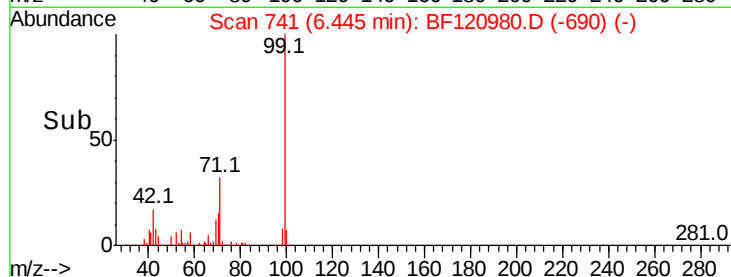
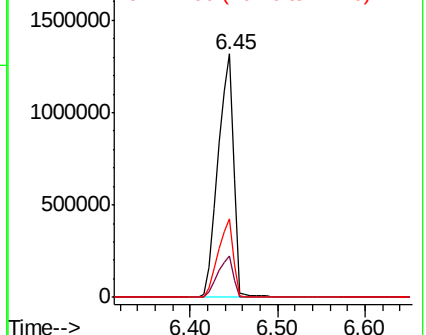


Abundance

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: 8.09 min Scan# 1021

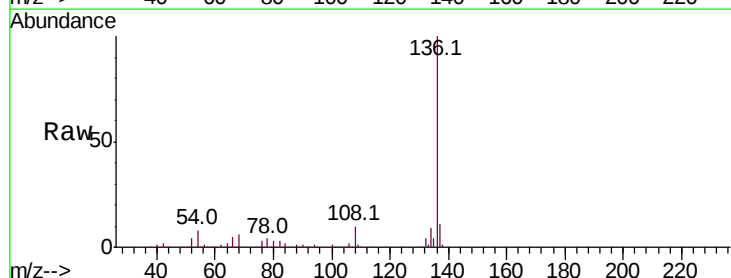
Delta R.T. -0.01 min

Lab File: BF120980.D

Acq: 23 Jul 2020 14:08

Tgt Ion: 136 Resp: 800527

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.5	6.3	9.5
68	6.0	5.0	7.4



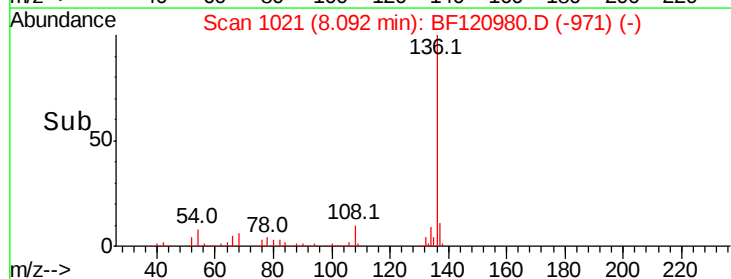
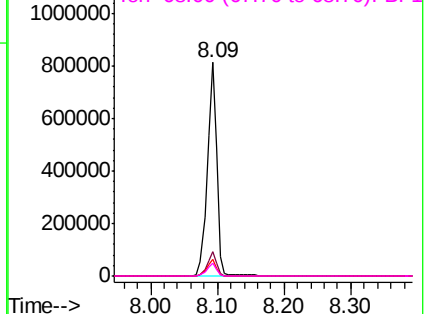
Abundance

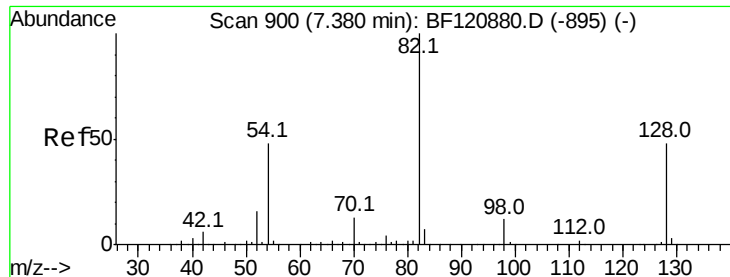
Ion 136.00 (135.70 to 136.70): E

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



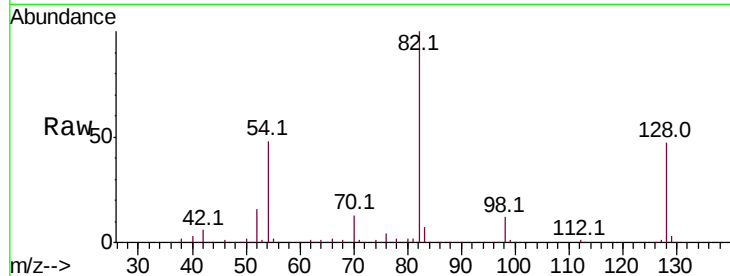


#23
 Nitrobenzene-d5
 Concen: 77.624 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

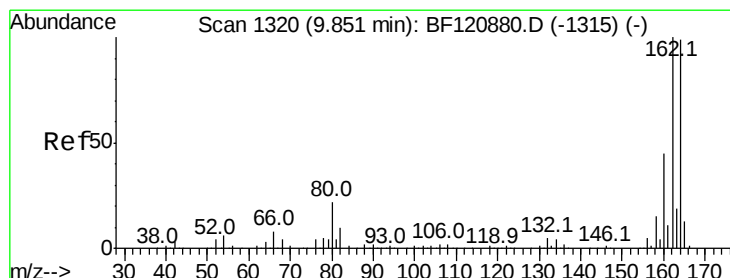
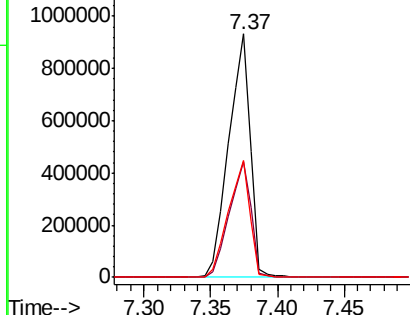
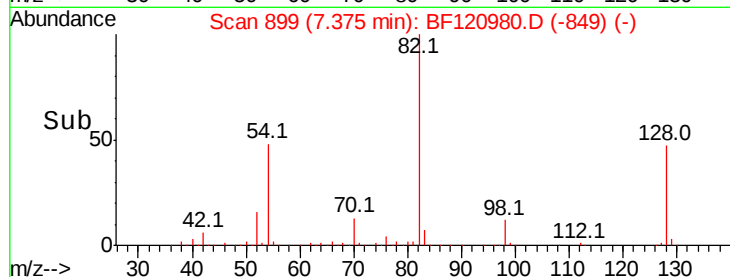
Instrument :
 BNA_F
 ClientSampleId :
 PB130373BL

Tot Ion: 82 Resp: 1073921

Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.2	57.4
54	47.8	38.7	58.1



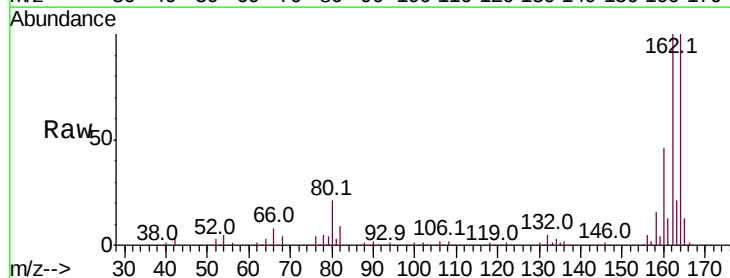
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



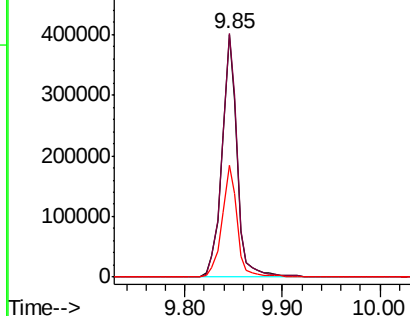
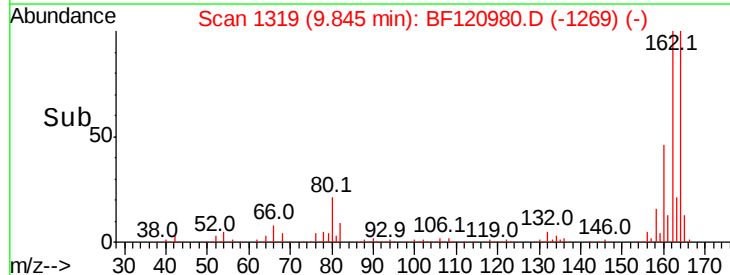
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

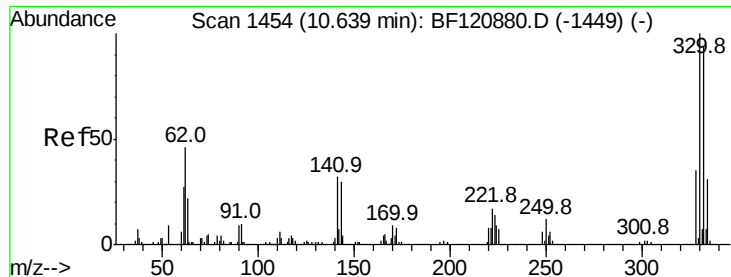
Tgt Ion:164 Resp: 430005

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.2	121.8
160	46.3	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

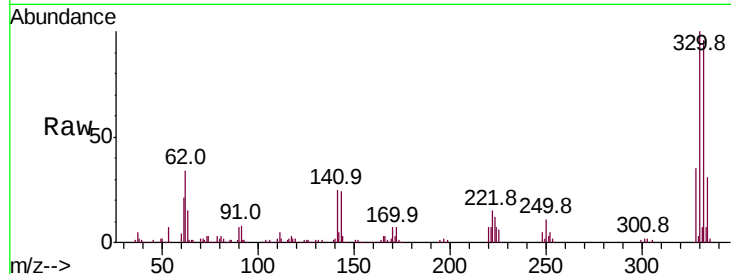




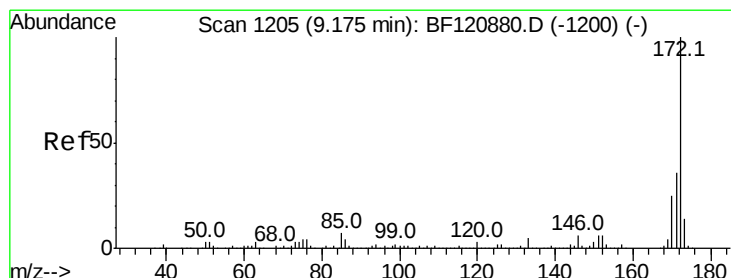
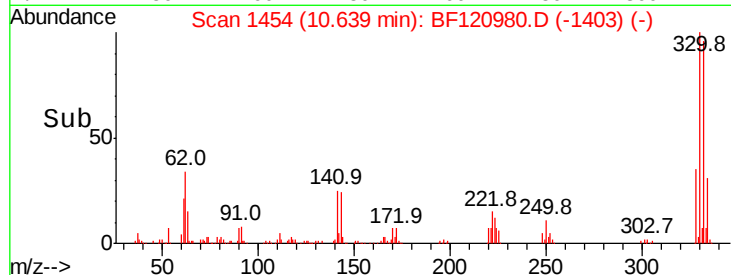
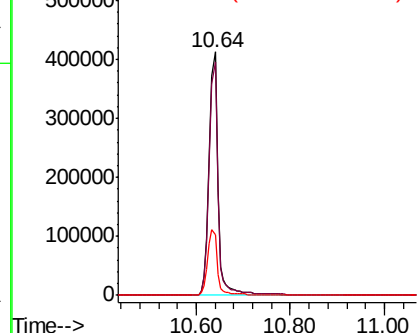
#42
 2,4,6-Tribromophenol
 Concen: 116.083 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB130373BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.5	113.3
141	29.7	25.7	38.5

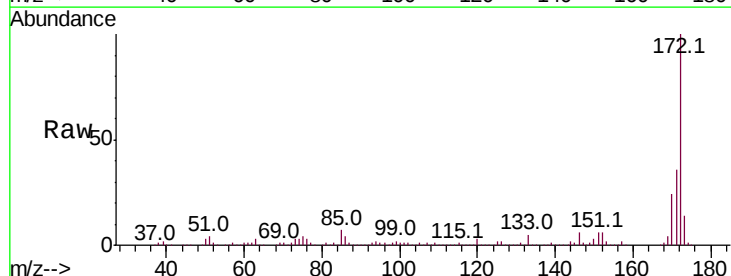


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

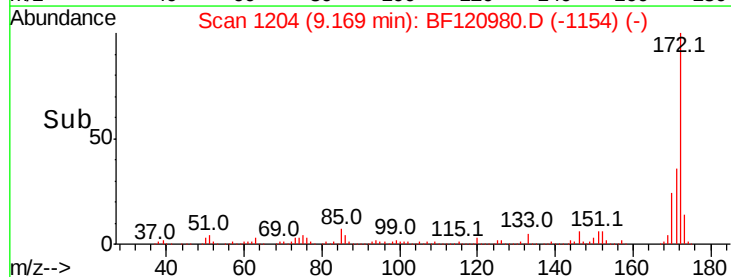
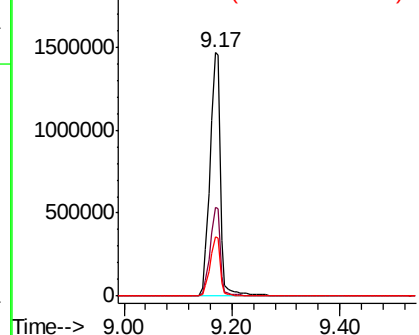


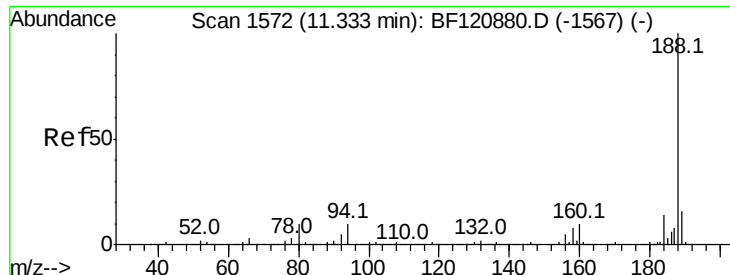
#45
 2-Fluorobiphenyl
 Concen: 69.057 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF120980.D
 Acq: 23 Jul 2020 14:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.4	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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120980.D

Acq: 23 Jul 2020 14:08

Instrument :

BNA_F

ClientSampleId :

PB130373BL

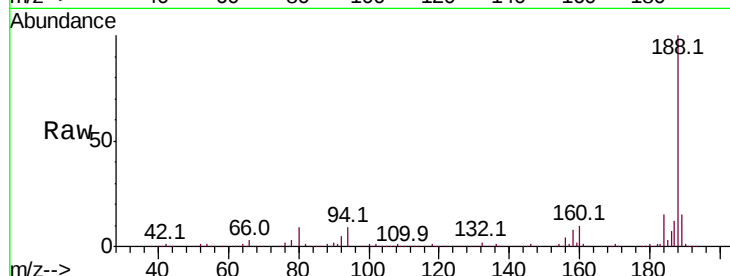
Tot Ion:188 Resp: 858181

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

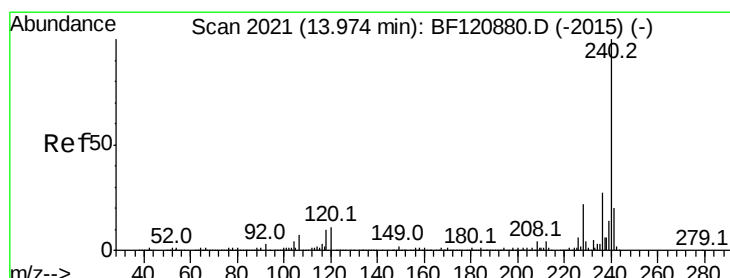
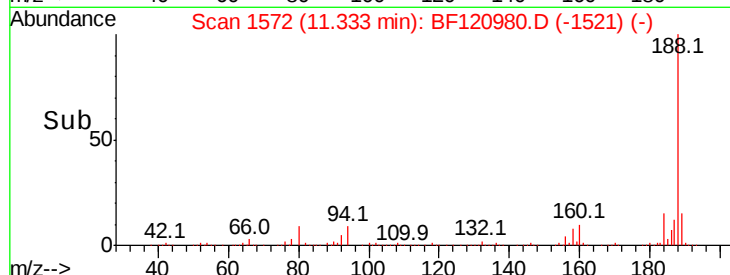
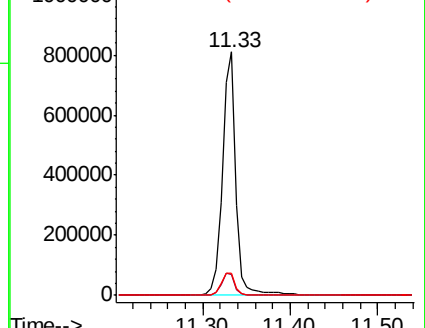
80 9.1 8.3 12.5



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120980.D

Acq: 23 Jul 2020 14:08

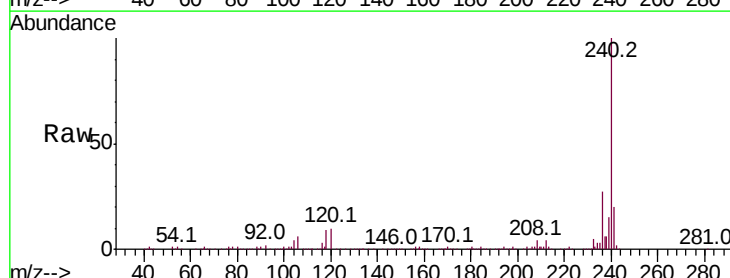
Tgt Ion:240 Resp: 741636

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.4

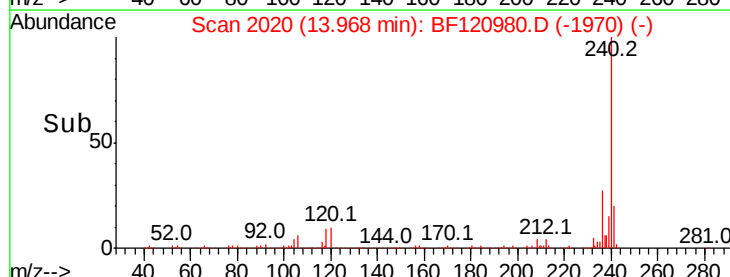
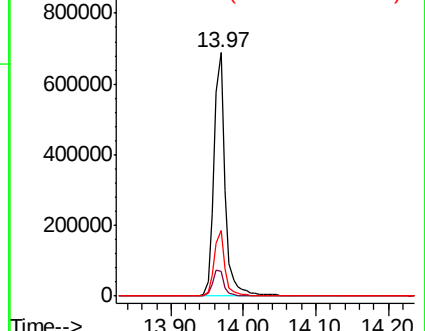
236 27.1 21.7 32.5

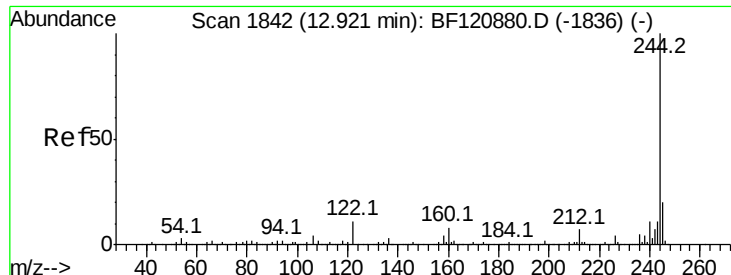


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.761 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120980.D

Acq: 23 Jul 2020 14:08

Instrument :

BNA_F

ClientSampleId :

PB130373BL

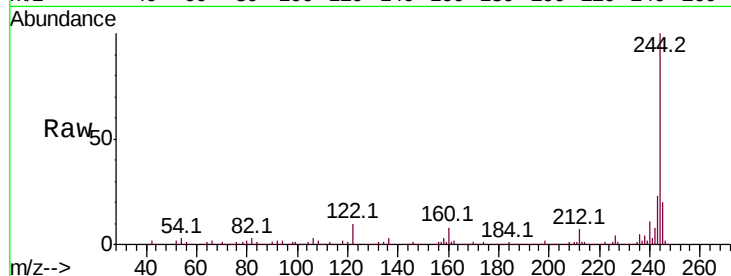
Tot Ion:244 Resp: 2004770

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

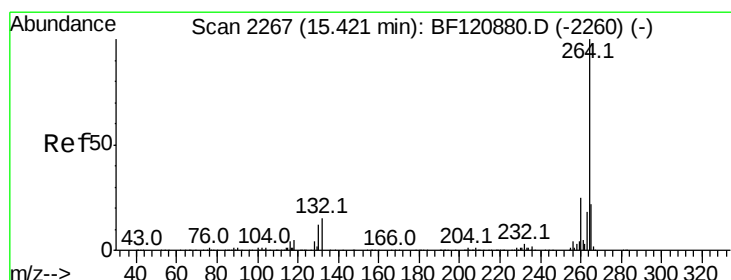
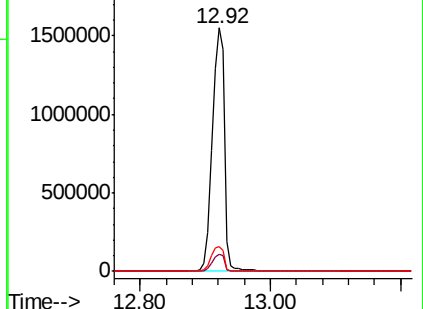
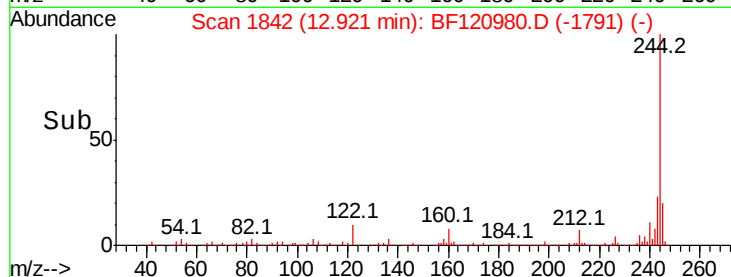
122 10.0 8.9 13.3



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120980.D

Acq: 23 Jul 2020 14:08

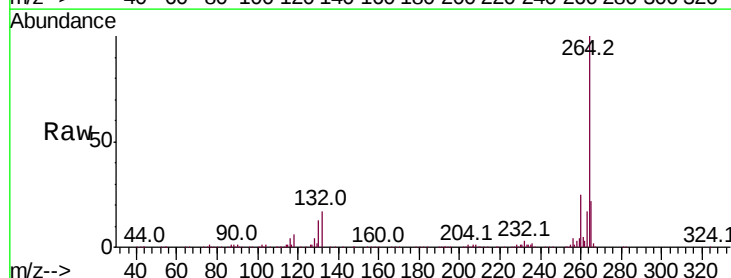
Tgt Ion:264 Resp: 675107

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 21.9 17.4 26.2



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

