

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120098.D
 Acq On : 21 Apr 2020 13:01
 Operator : MA/SJ
 Sample : PB128341BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BL

Quant Time: Apr 21 13:59:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	120533	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	457006	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	236704	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	466576	20.00	ng	0.00
76) Chrysene-d12	13.86	240	392355	20.00	ng	-0.01
87) Perylene-d12	15.27	264	346726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1083929	155.41	ng	0.00
7) Phenol-d6	6.33	99	1366361	152.04	ng	0.00
23) Nitrobenzene-d5	7.26	82	851391	96.38	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	358542	123.72	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1590716	95.41	ng	0.00
79) Terphenyl-d14	12.82	244	1666652	71.48	ng	0.00

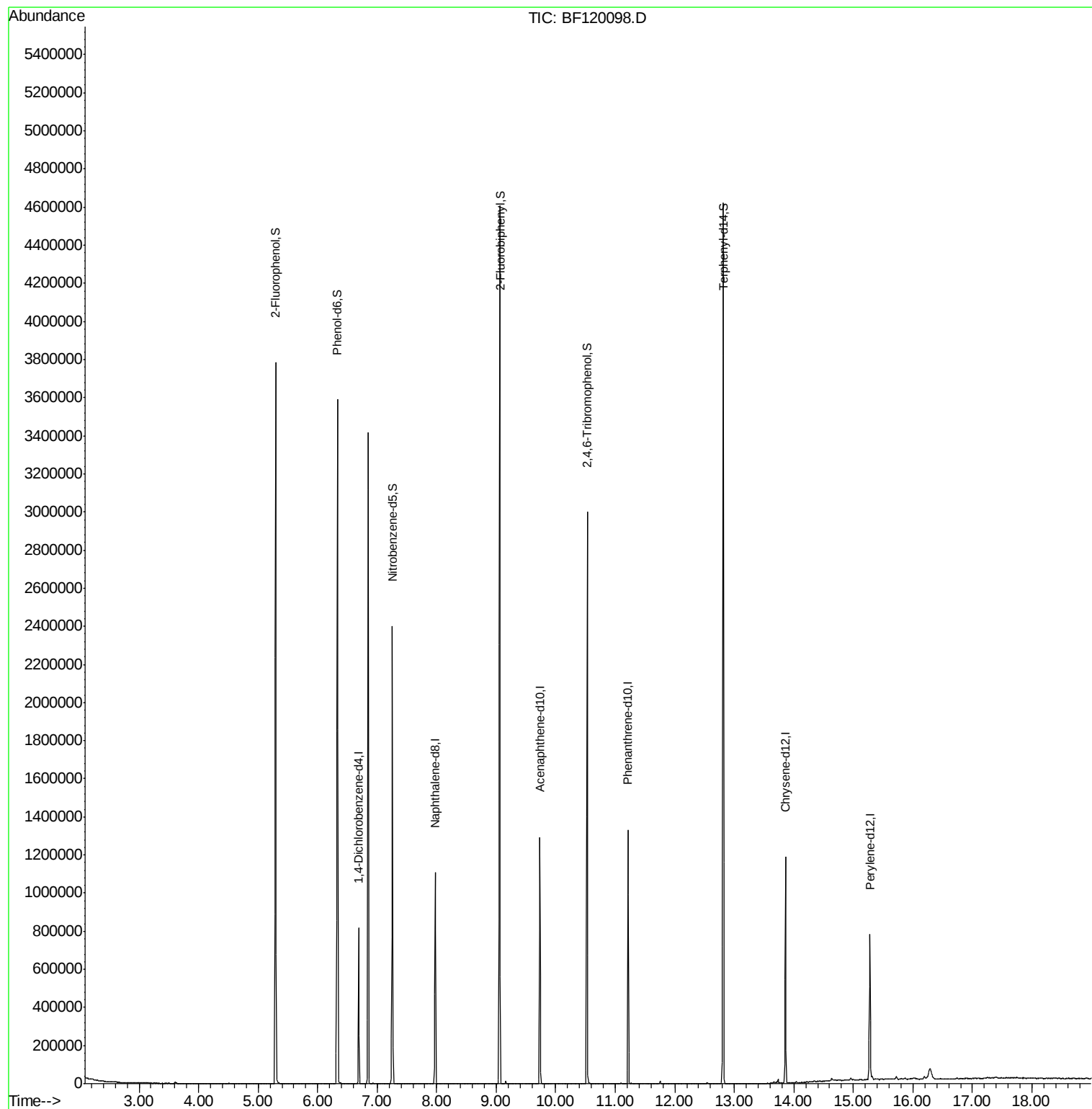
Target Compounds Qvalue

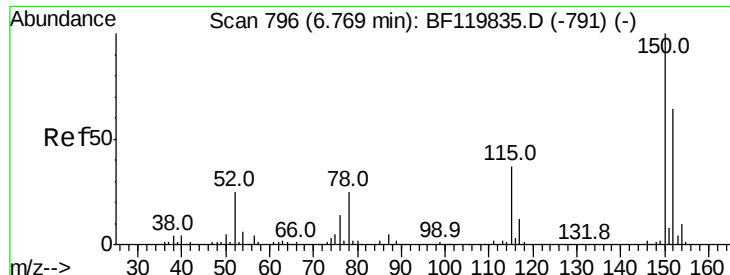
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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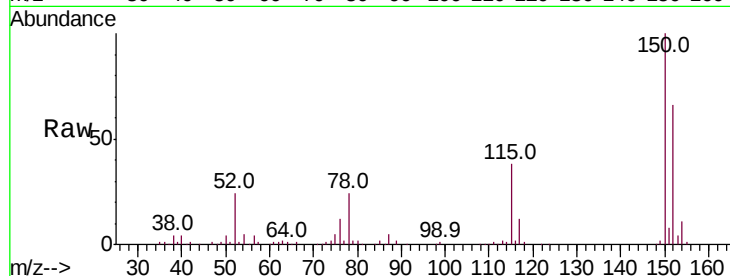


#1

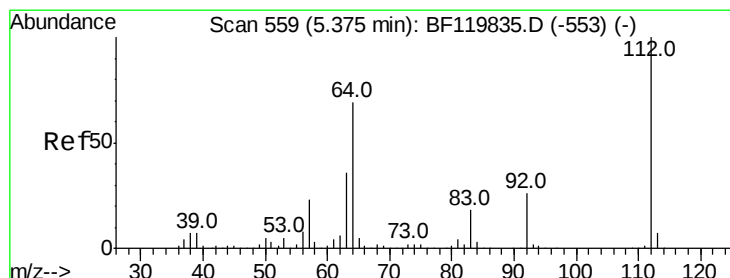
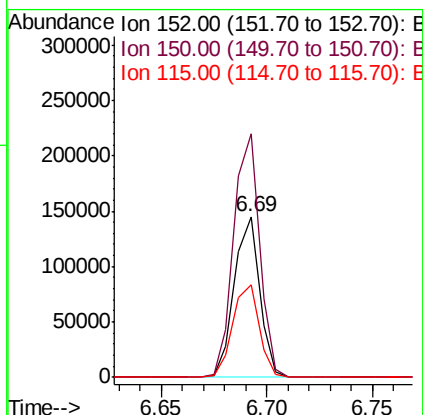
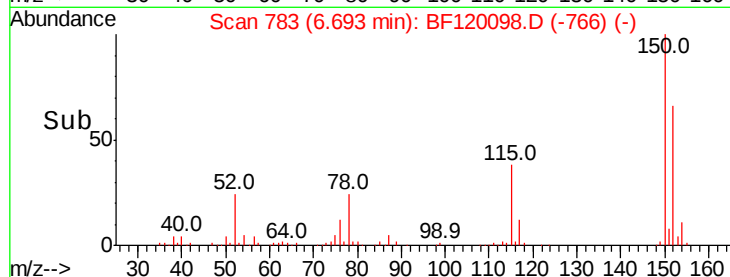
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF120098.D
Acq: 21 Apr 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB128341BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.8	187.2
115	57.9	46.5	69.7



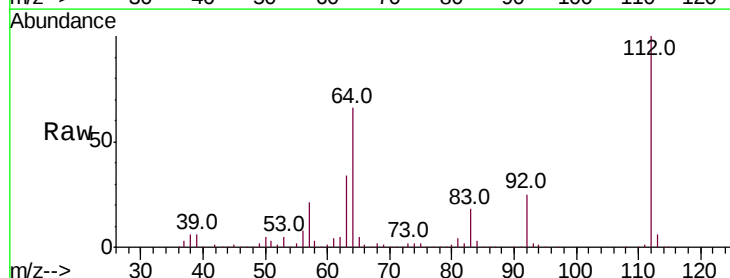
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



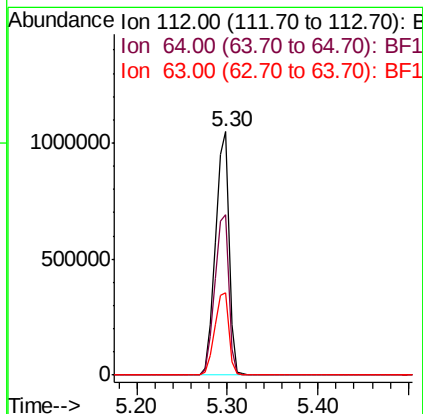
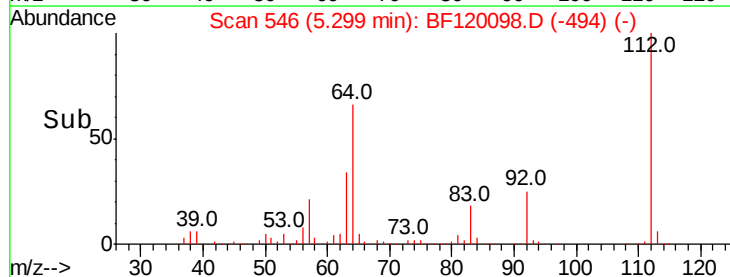
#5

2-Fluorophenol
Concen: 155.412 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF120098.D
Acq: 21 Apr 2020 13:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	55.5	83.3
63	33.6	29.1	43.7



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: 152.037 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF120098.D

Acq: 21 Apr 2020 13:01

Instrument :

BNA_F

ClientSampleId :

PB128341BL

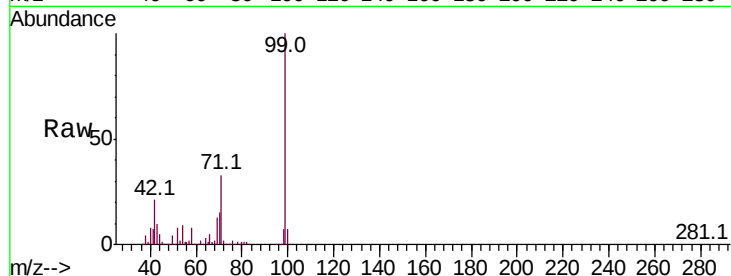
Tot Ion: 99 Resp: 1366361

Ion Ratio Lower Upper

99 100

42 20.7 16.9 25.3

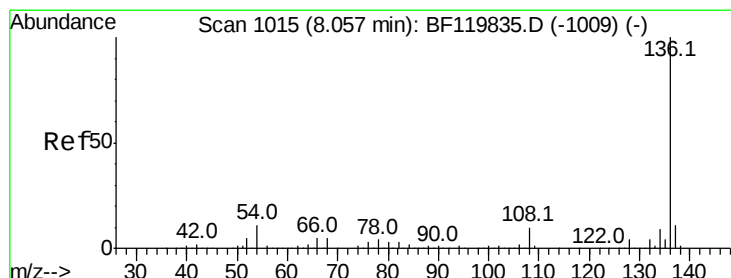
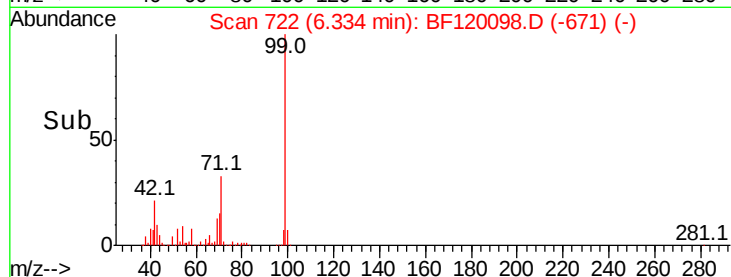
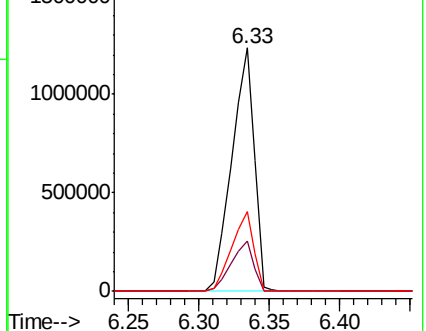
71 32.8 26.3 39.5



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF120098.D

Acq: 21 Apr 2020 13:01

Tgt Ion: 136 Resp: 457006

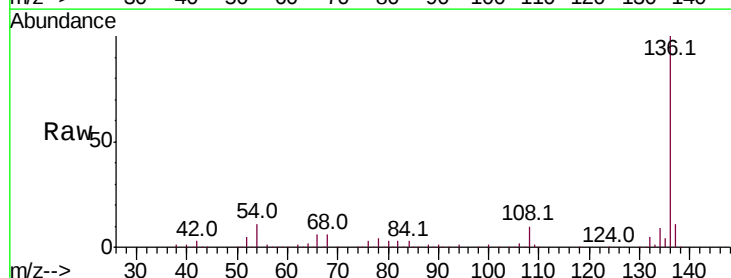
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.1 8.5 12.7

68 5.6 3.9 5.9

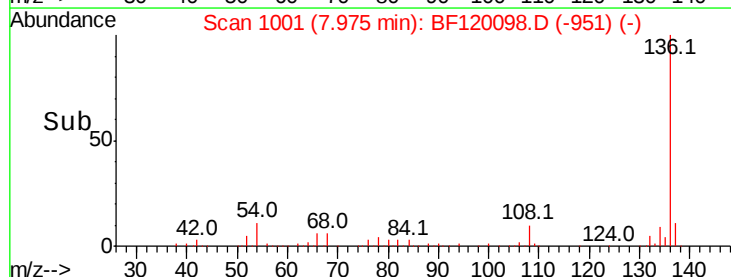
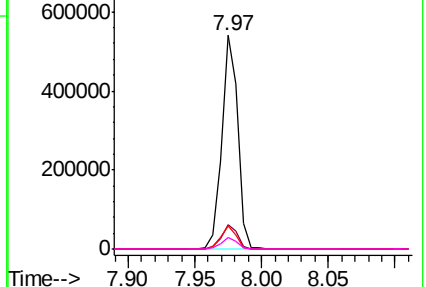


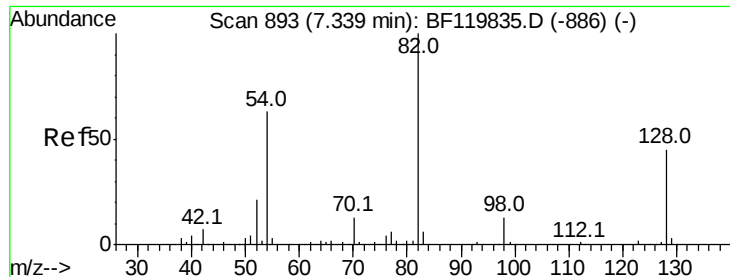
Abundance Ion 136.00 (135.70 to 136.70): E

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

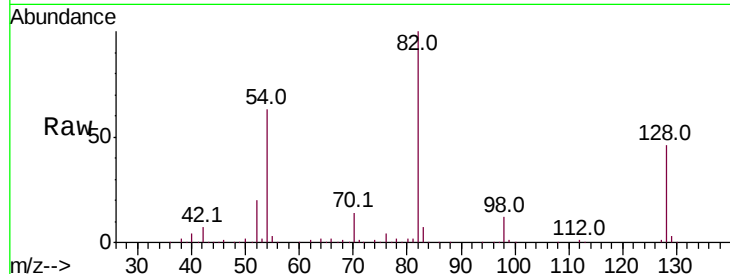




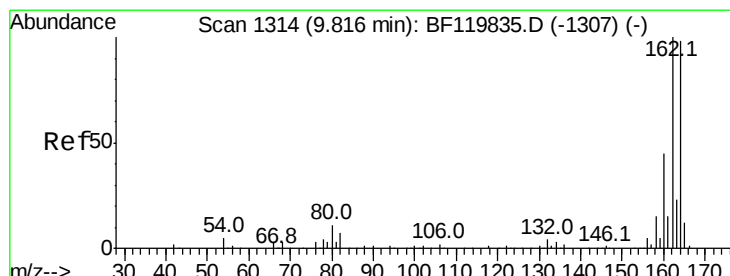
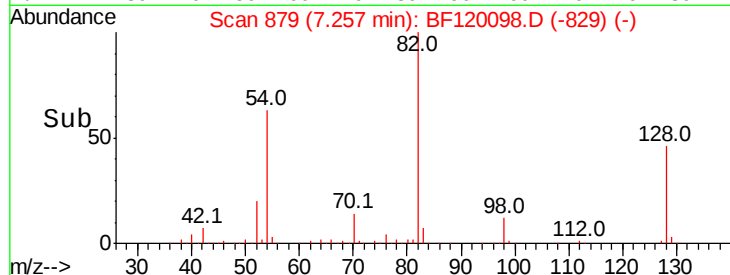
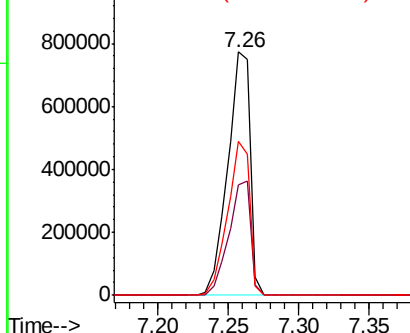
#23
Nitrobenzene-d5
Concen: 96.378 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120098.D
Acq: 21 Apr 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB128341BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.2	54.4
54	63.5	50.4	75.6

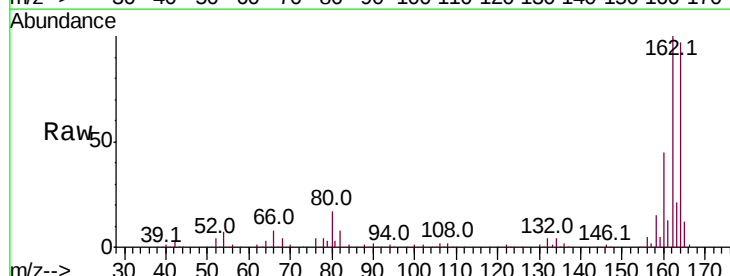


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

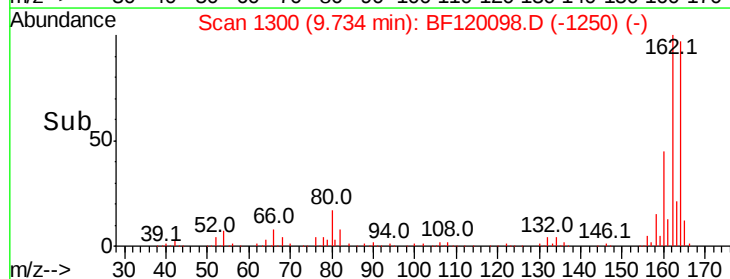
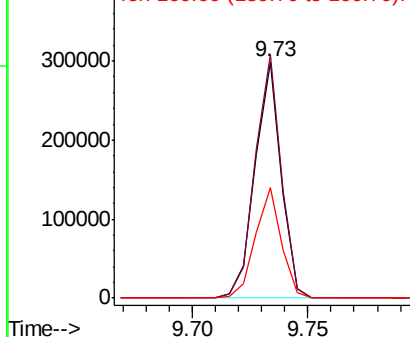


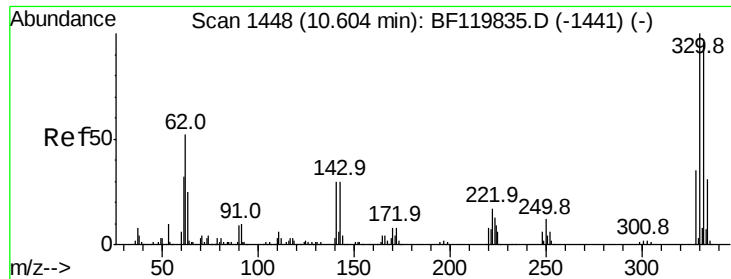
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF120098.D
Acq: 21 Apr 2020 13:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.9	122.9
160	46.8	36.6	54.8



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

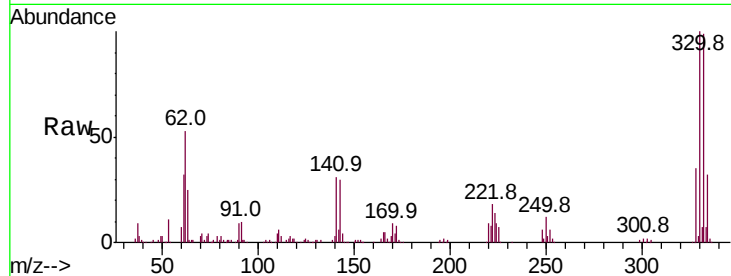




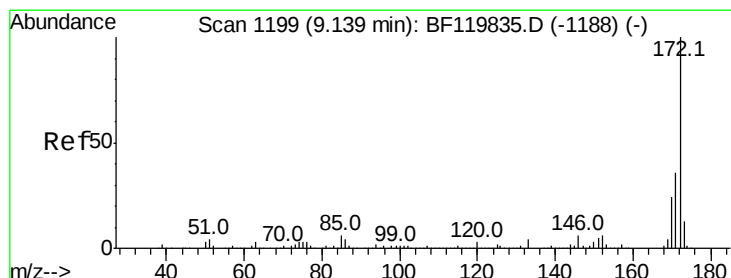
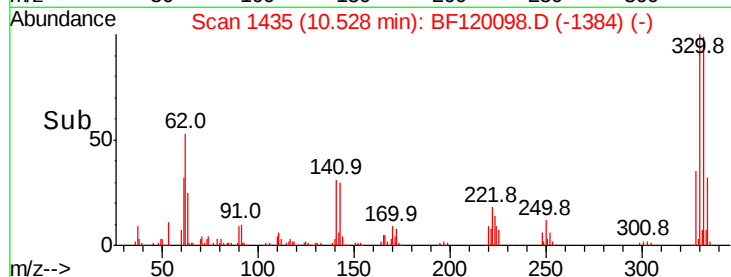
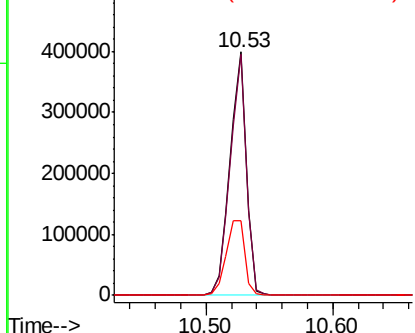
#42
 2,4,6-Tribromophenol
 Concen: 123.718 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF120098.D
 Acq: 21 Apr 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BL

Tot Ion:330 Resp: 358542
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.8 115.2
 141 35.1 25.1 37.7

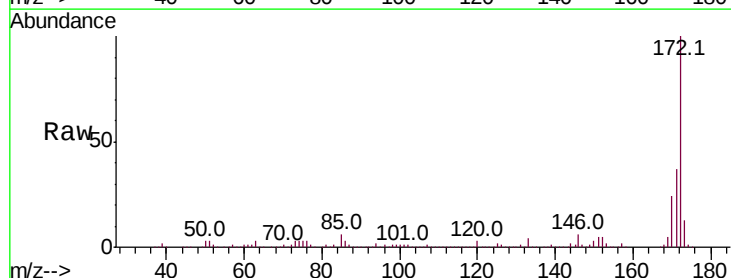


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

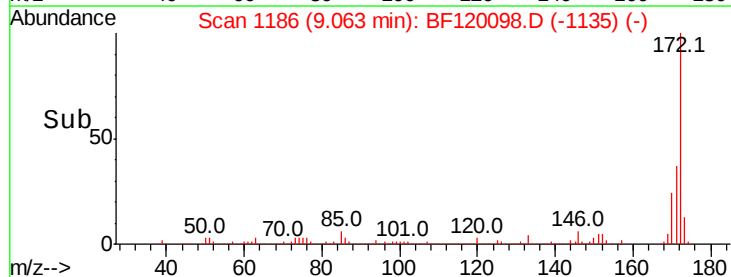
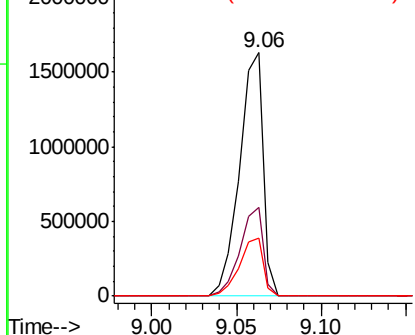


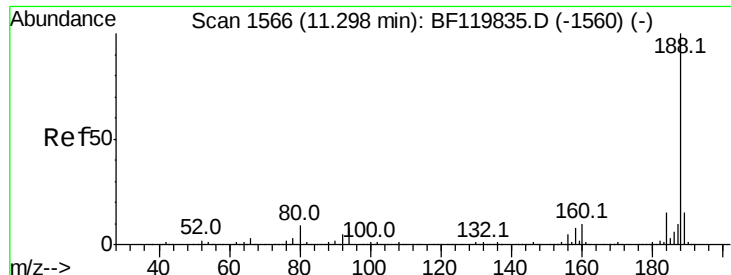
#45
 2-Fluorobiphenyl
 Concen: 95.413 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF120098.D
 Acq: 21 Apr 2020 13:01

Tgt Ion:172 Resp: 1590716
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.0 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

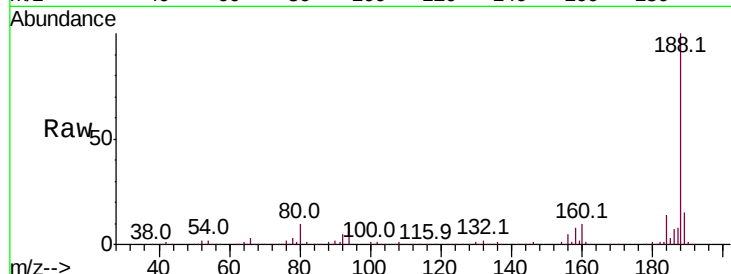




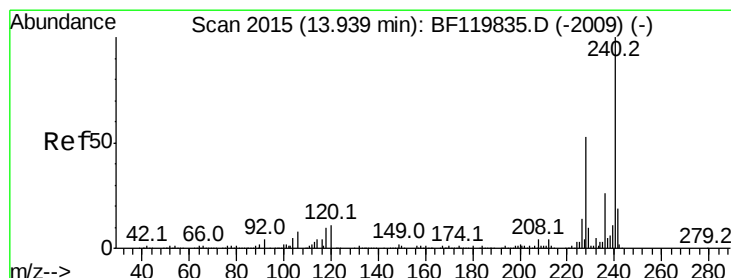
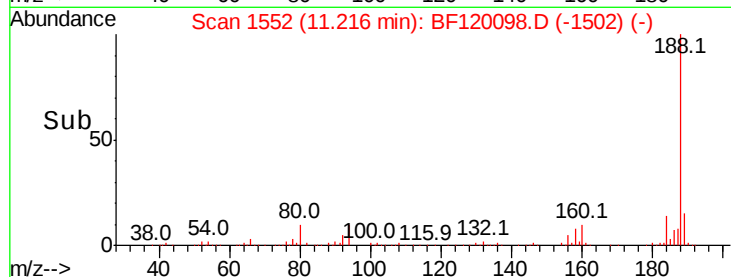
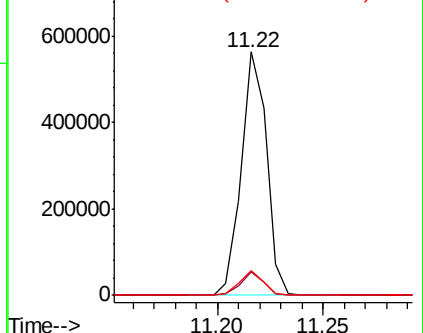
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120098.D
Acq: 21 Apr 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB128341BL

Tot Ion:188 Resp: 466576
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 9.9 7.4 11.2

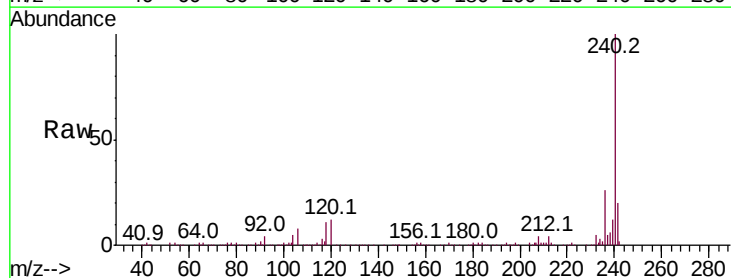


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

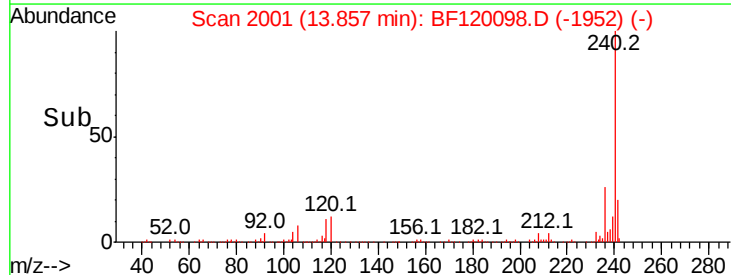
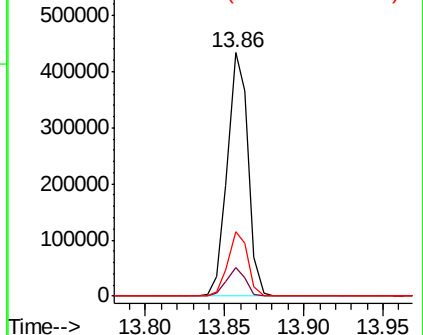


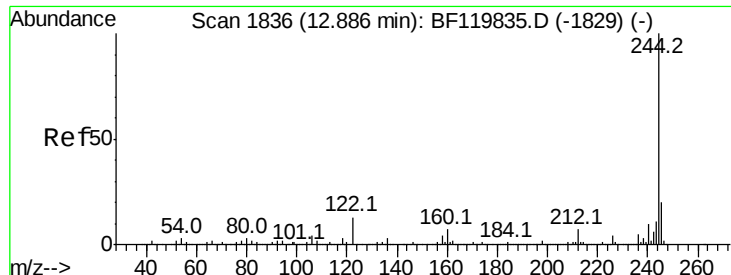
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF120098.D
Acq: 21 Apr 2020 13:01

Tgt Ion:240 Resp: 392355
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.6
236 26.3 20.7 31.1



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: 71.476 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120098.D

Acq: 21 Apr 2020 13:01

Instrument :

BNA_F

ClientSampleId :

PB128341BL

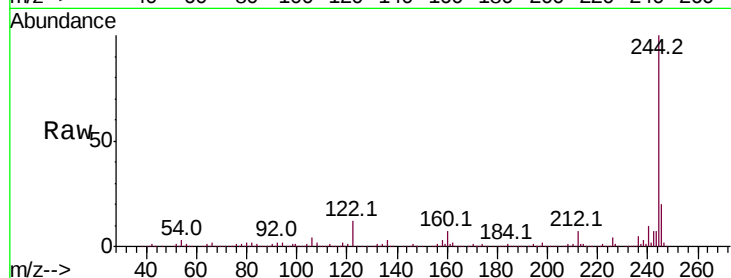
Tot Ion:244 Resp: 1666652

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

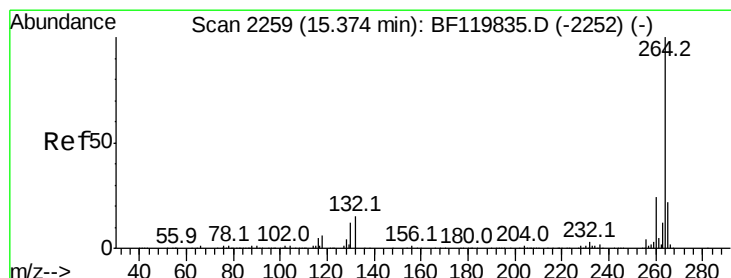
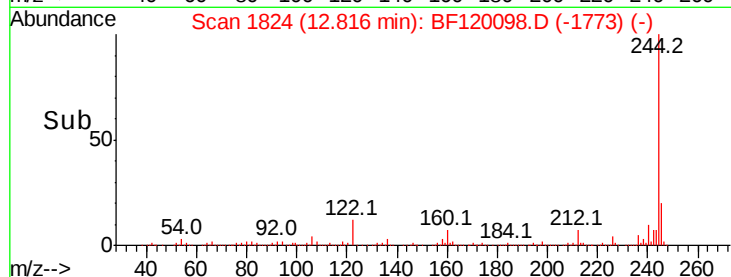
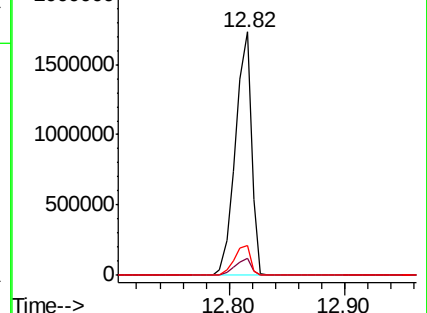
122 12.4 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BF120098.D

Acq: 21 Apr 2020 13:01

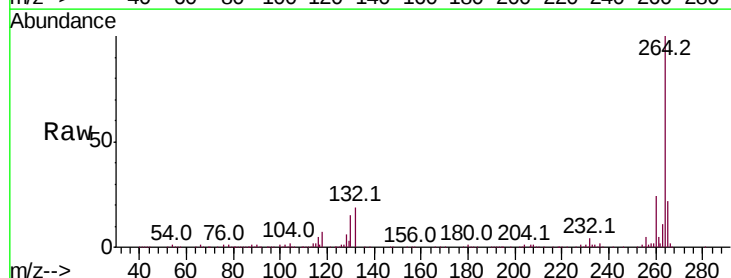
Tgt Ion:264 Resp: 346726

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.9 17.6 26.4



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

