

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120779.D
 Acq On : 7 Jul 2020 11:12
 Operator : JU/CG
 Sample : PB129924BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129924BL

Quant Time: Jul 07 14:35:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129936	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	487937	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	238007	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	426512	20.00	ng	0.00
76) Chrysene-d12	14.00	240	297203	20.00	ng	0.00
86) Perylene-d12	15.46	264	240723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1068235	126.91	ng	0.00
7) Phenol-d6	6.47	99	1299955	120.93	ng	0.00
23) Nitrobenzene-d5	7.41	82	795121	94.41	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	318913	133.37	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1416665	90.05	ng	0.00
79) Terphenyl-d14	12.96	244	1603329	105.62	ng	0.00

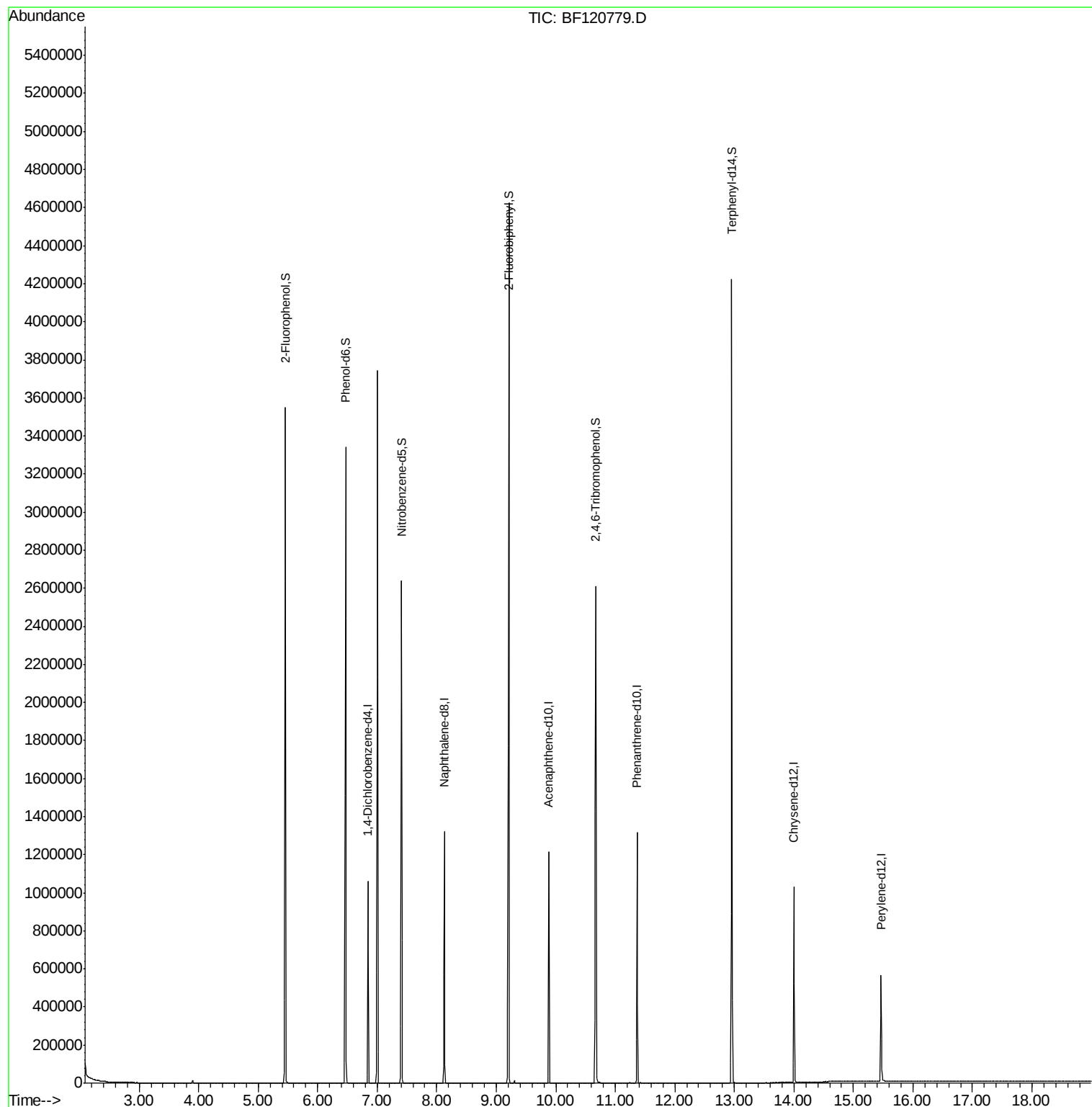
Target Compounds Qvalue

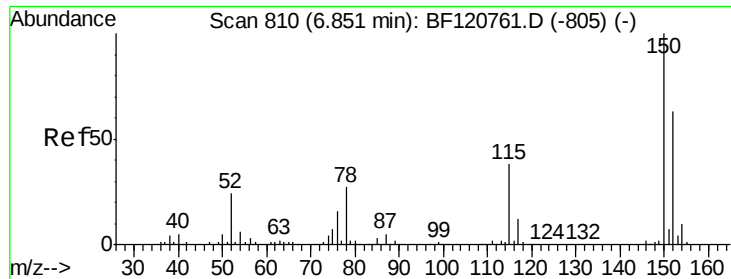
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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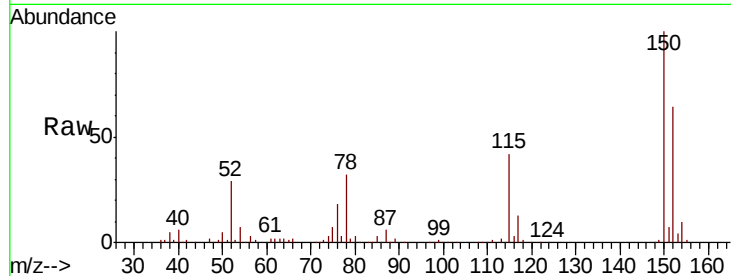


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120779.D
Acq: 7 Jul 2020 11:12

Instrument :
BNA_F
ClientSampleId :
PB129924BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.1	189.1
115	65.5	48.5	72.7

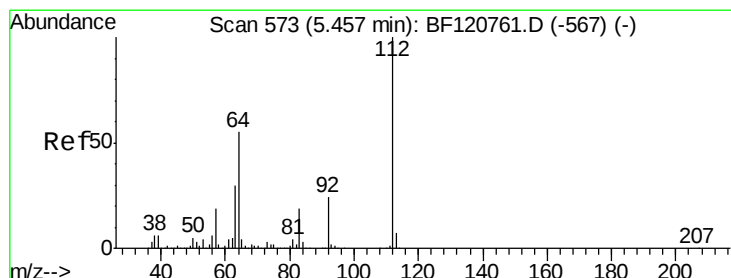
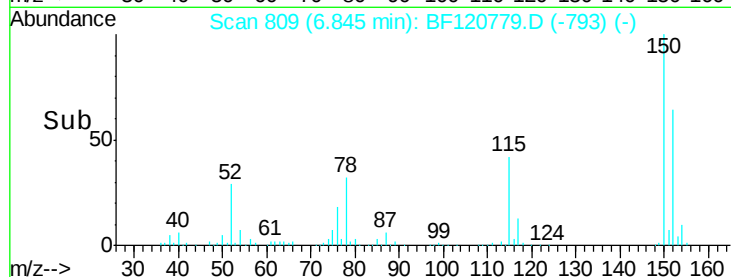
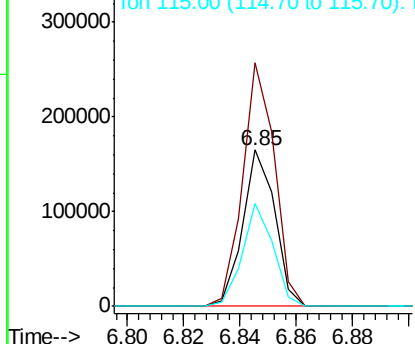


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

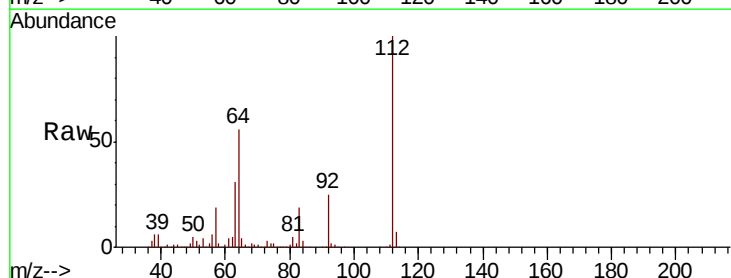
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.907 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF120779.D
Acq: 7 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.8	65.6
63	30.7	23.6	35.4

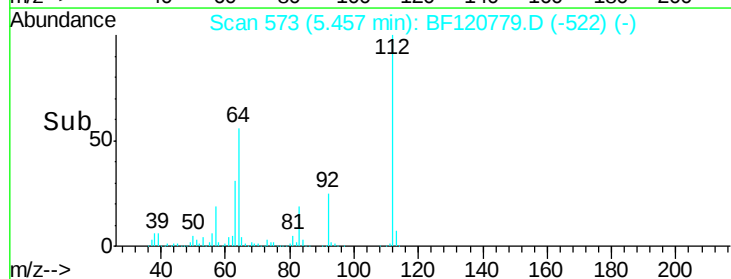
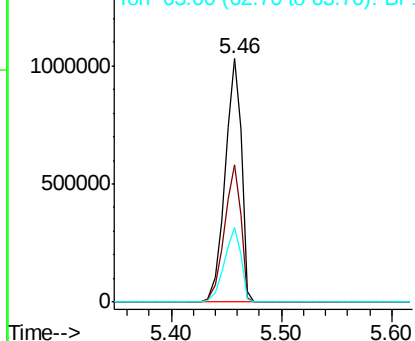


Abundance

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: 120.932 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120779.D

Acq: 7 Jul 2020 11:12

Instrument :

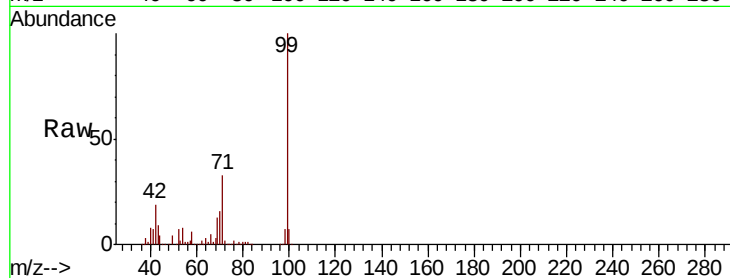
BNA_F

ClientSampleId :

PB129924BL

Tot Ion: 99 Resp: 1299955

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.4	23.0
71	33.0	25.9	38.9

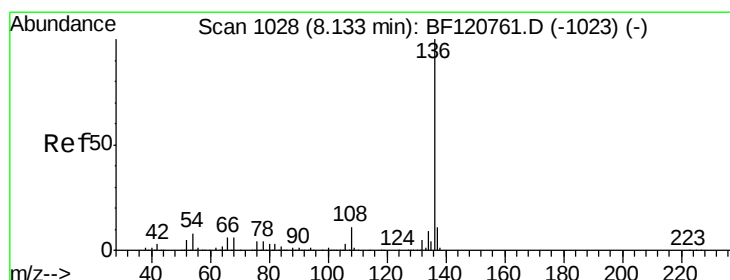
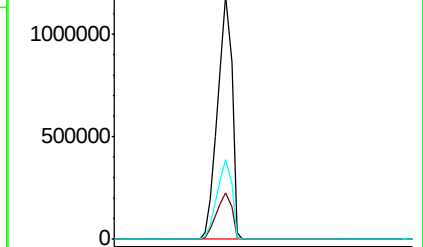
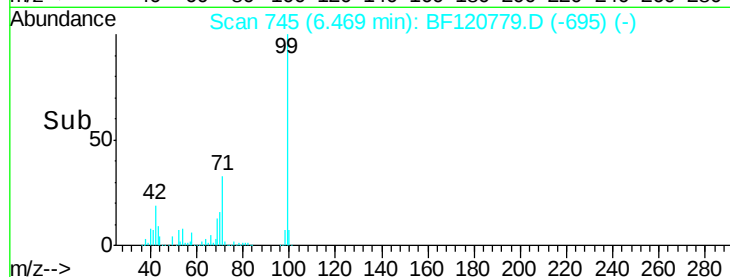


Abundance

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: 8.13 min Scan# 1027

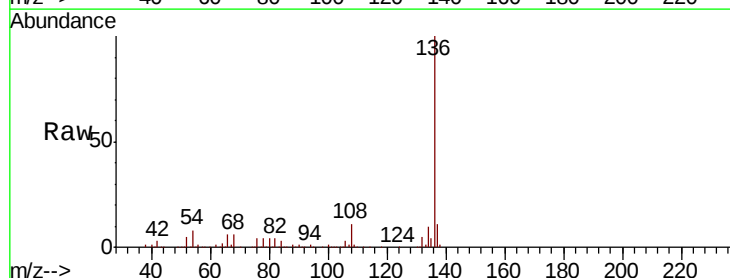
Delta R.T. -0.01 min

Lab File: BF120779.D

Acq: 7 Jul 2020 11:12

Tgt Ion: 136 Resp: 487937

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.4	6.2	9.4
68	5.9	4.7	7.1



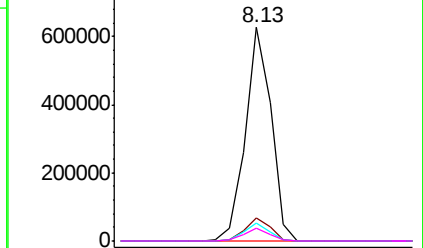
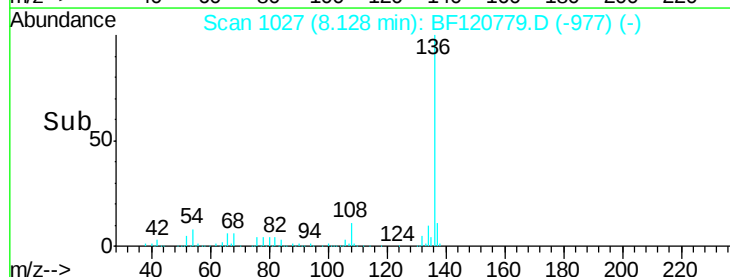
Abundance

Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

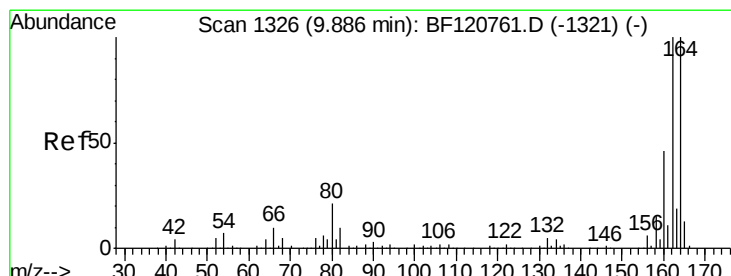
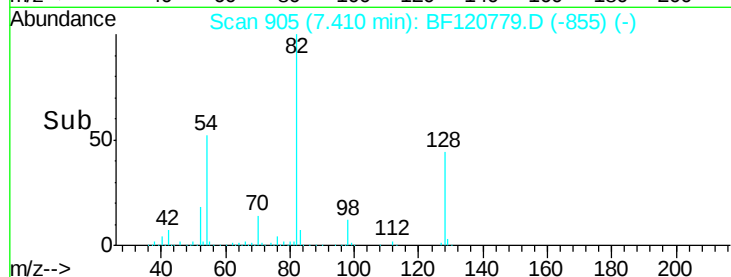
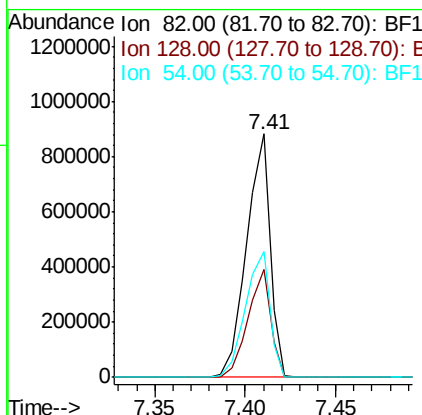
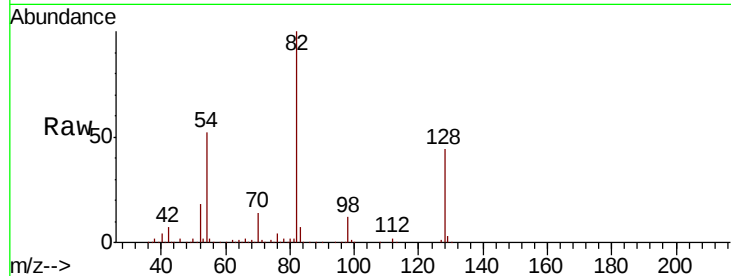




#23
 Nitrobenzene-d5
 Concen: 94.413 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120779.D
 Acq: 7 Jul 2020 11:12

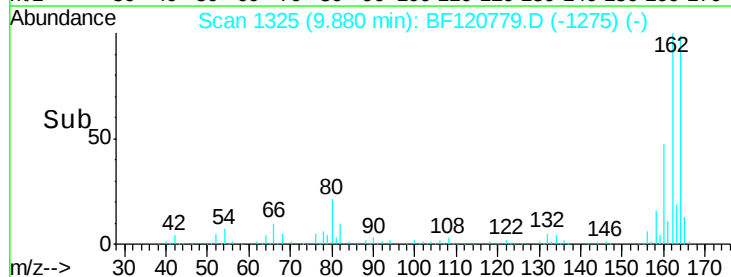
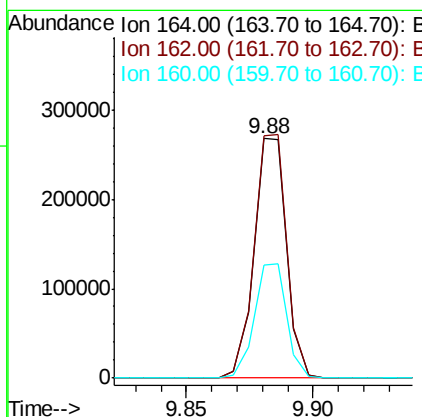
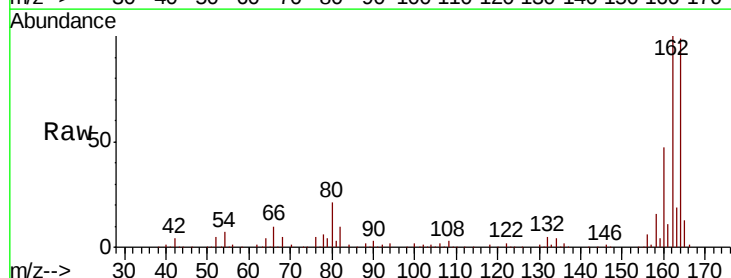
Instrument :
 BNA_F
 ClientSampleId :
 PB129924BL

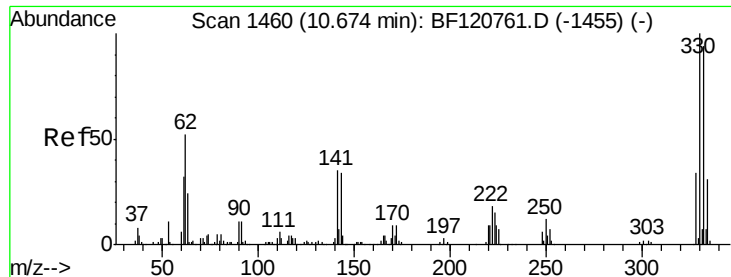
Tot Ion	82	Resp	795121
Ion Ratio	100		
Lower	35.7		
Upper	53.5		
128	44.3		
54	51.8		
	40.9		
	61.3		



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF120779.D
 Acq: 7 Jul 2020 11:12

Tgt Ion	164	Resp	238007
Ion Ratio	100		
Lower	80.2		
Upper	120.2		
162	101.0		
160	47.4		
	36.9		
	55.3		

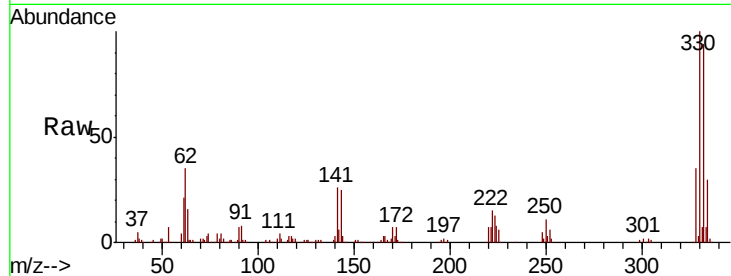




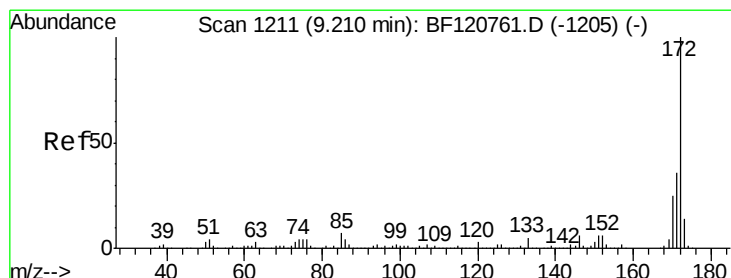
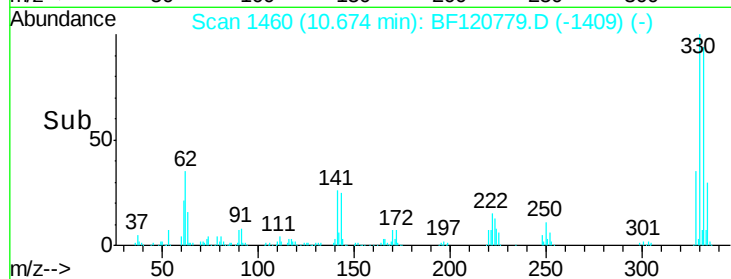
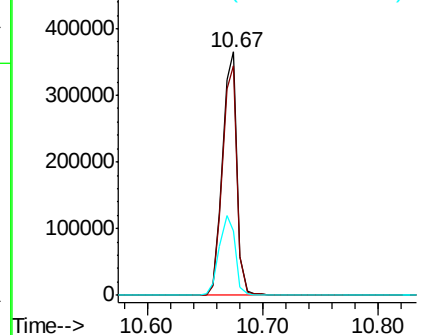
#42
 2,4,6-Tribromophenol
 Concen: 133.374 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF120779.D
 Acq: 7 Jul 2020 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB129924BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.8	113.6
141	36.2	29.7	44.5

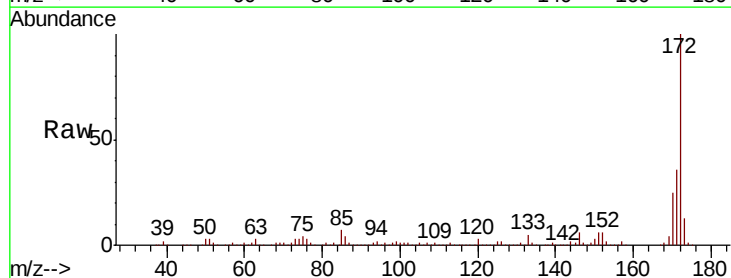


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

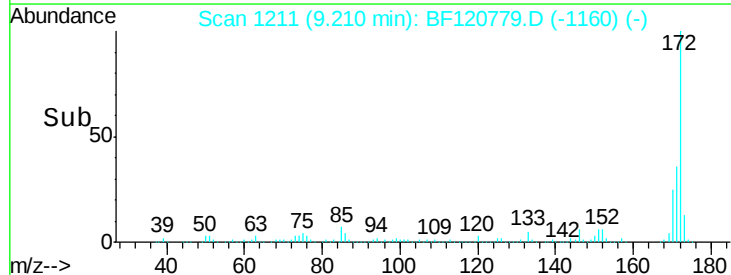
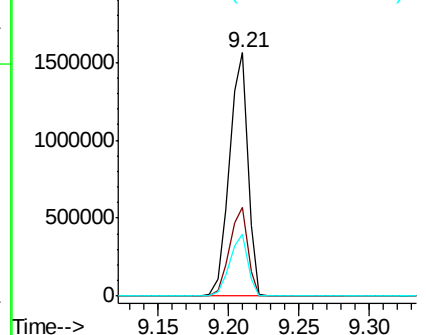


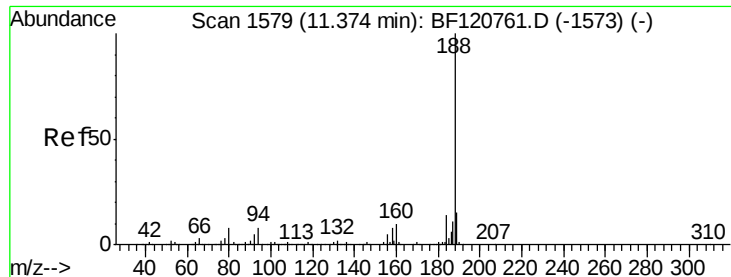
#45
 2-Fluorobiphenyl
 Concen: 90.053 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120779.D
 Acq: 7 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	25.4	19.8	29.6



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

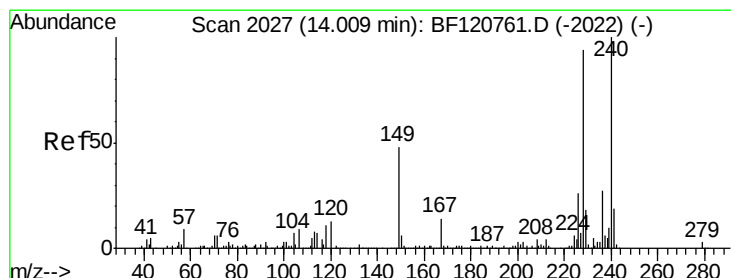
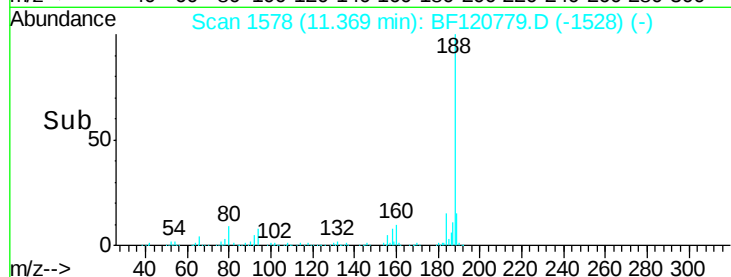
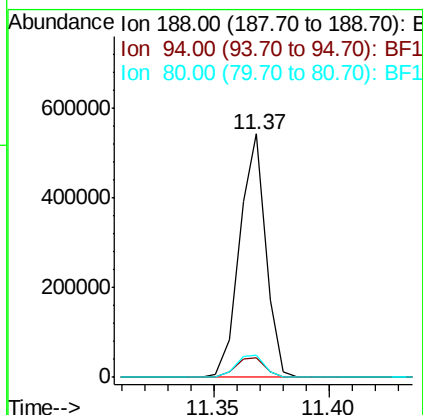
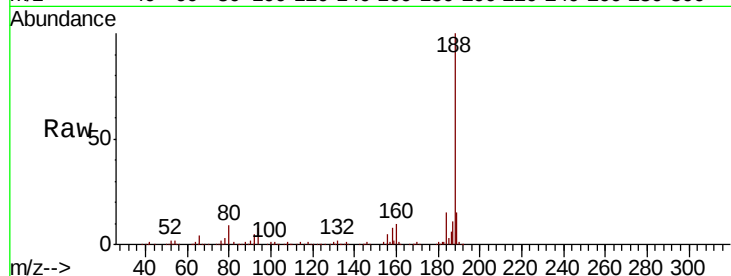




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120779.D
Acq: 7 Jul 2020 11:12

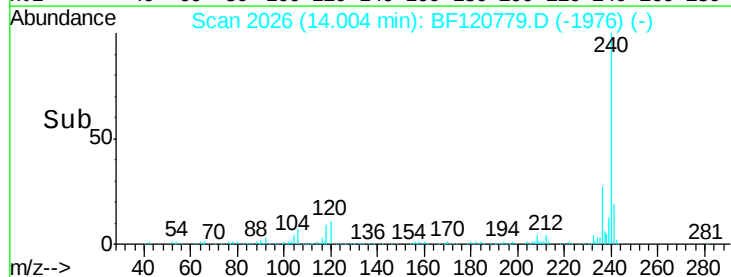
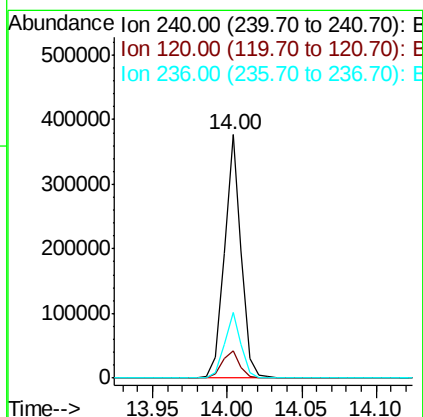
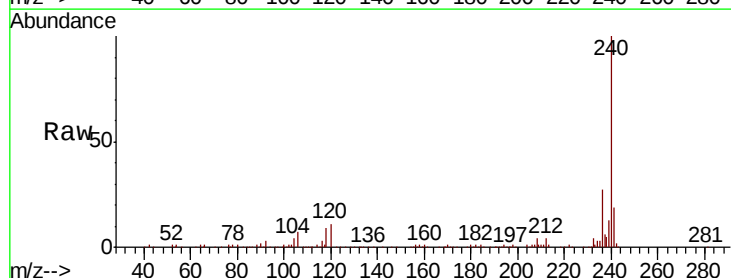
Instrument :
BNA_F
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PB129924BL

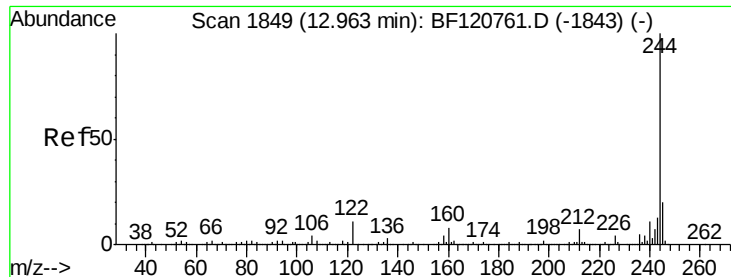
Tot Ion:188 Resp: 426512
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 9.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120779.D
Acq: 7 Jul 2020 11:12

Tgt Ion:240 Resp: 297203
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 26.9 21.4 32.2

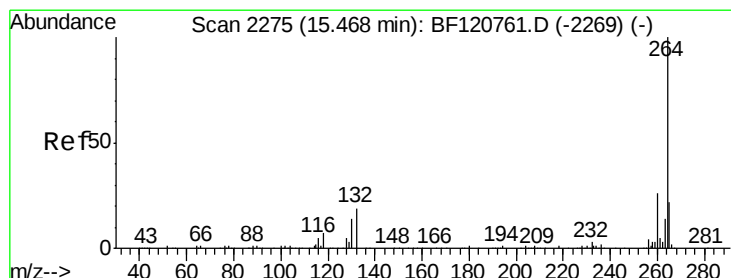
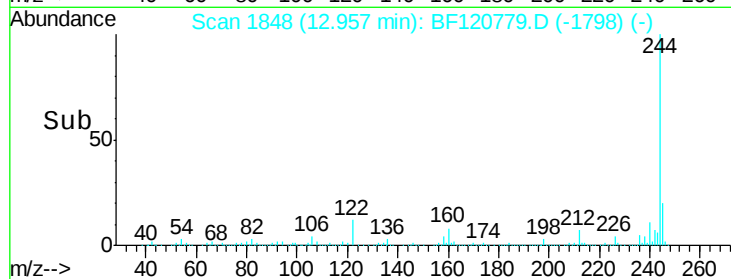
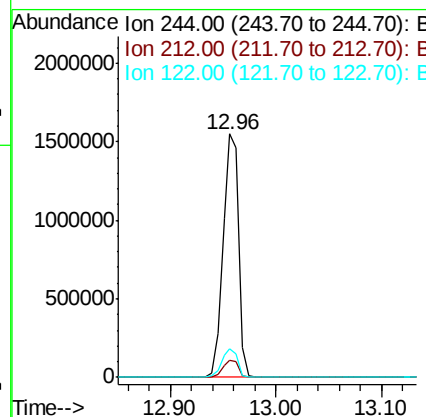
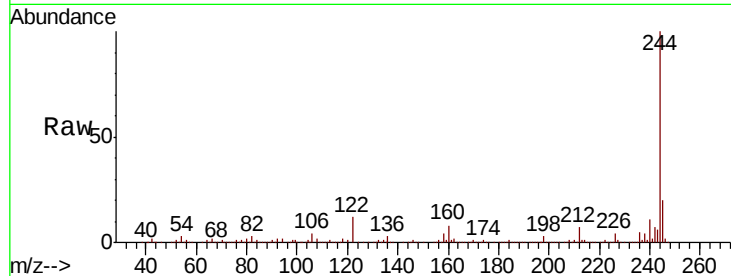




#79
 Terphenyl-d14
 Concen: 105.623 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF120779.D
 Acq: 7 Jul 2020 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB129924BL

Tot Ion:244 Resp: 1603329
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF120779.D
 Acq: 7 Jul 2020 11:12

Tgt Ion:264 Resp: 240723
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 30.8
 265 22.0 17.6 26.4

