

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120057.D
 Acq On : 17 Apr 2020 14:20
 Operator : MA/SJ
 Sample : L2245-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-26

Quant Time: Apr 18 02:04:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

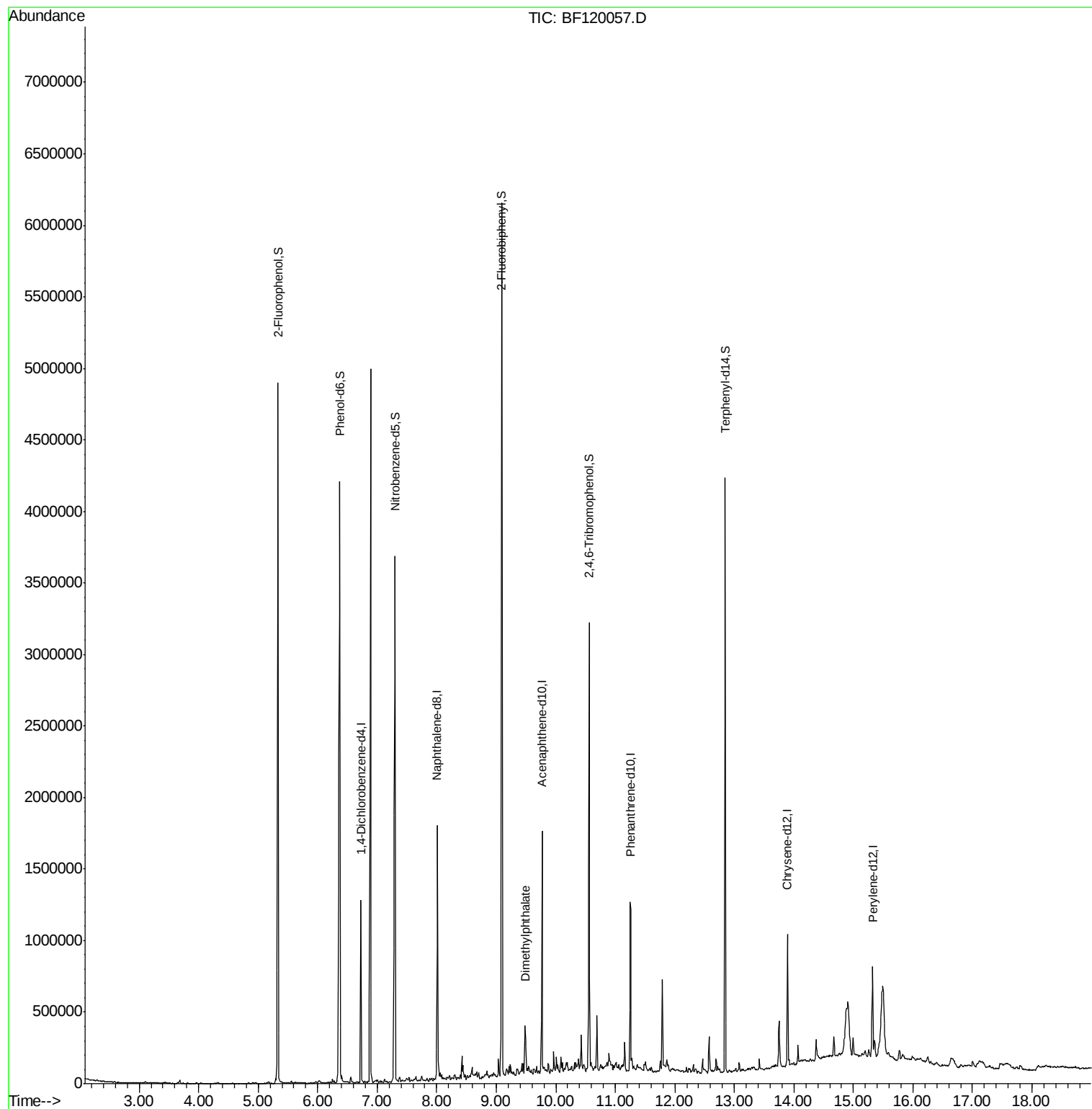
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	190262	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	690697	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	309958	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	459208	20.00	ng	0.00
76) Chrysene-d12	13.89	240	293784	20.00	ng	-0.01
87) Perylene-d12	15.32	264	269582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1563487	142.01	ng	0.00
7) Phenol-d6	6.37	99	1987821	140.12	ng	0.00
23) Nitrobenzene-d5	7.30	82	1199813	89.87	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	372612	98.19	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2113676	96.82	ng	0.00
79) Terphenyl-d14	12.85	244	1501989	86.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	110306	4.601	ng	Qvalue 97

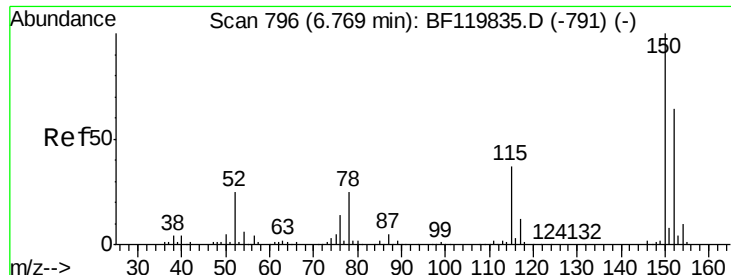
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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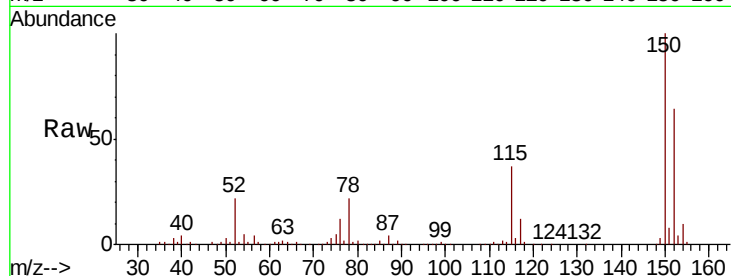


#1

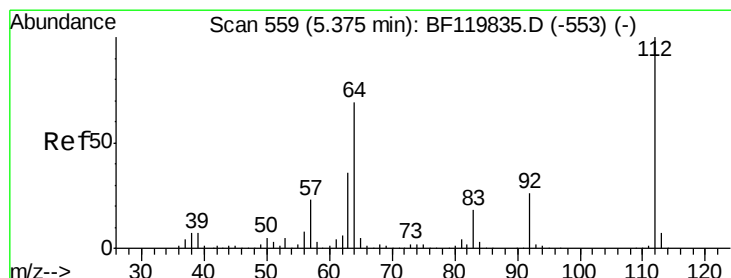
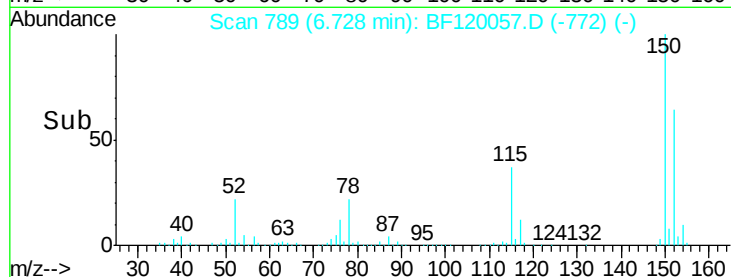
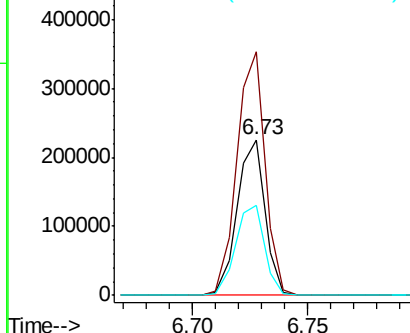
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120057.D
Acq: 17 Apr 2020 14:20

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:152 Resp: 190262
Ion Ratio Lower Upper
152 100
150 156.7 124.8 187.2
115 57.7 46.5 69.7



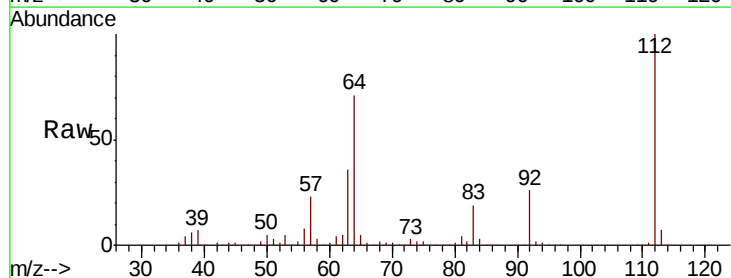
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



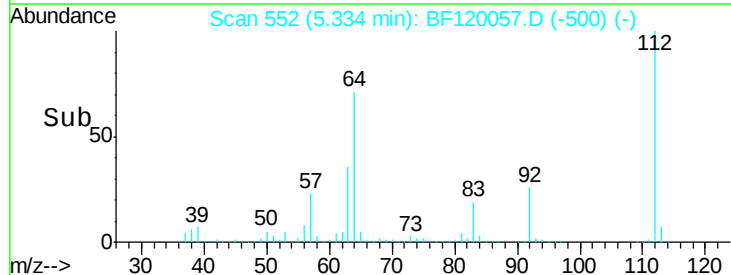
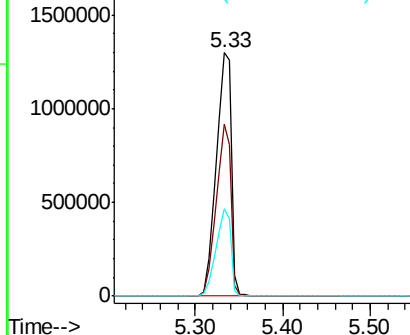
#5

2-Fluorophenol
Concen: 142.014 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120057.D
Acq: 17 Apr 2020 14:20

Tgt Ion:112 Resp: 1563487
Ion Ratio Lower Upper
112 100
64 70.7 55.5 83.3
63 36.0 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: 140.125 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

Instrument :

BNA_F

ClientSampleId :

TP-26

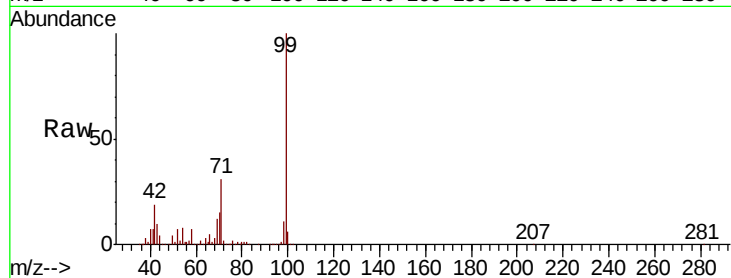
Tot Ion: 99 Resp: 1987821

Ion Ratio Lower Upper

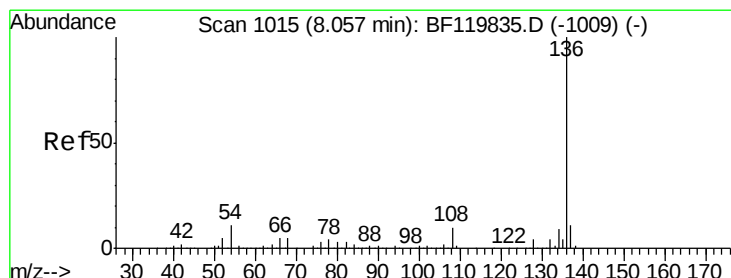
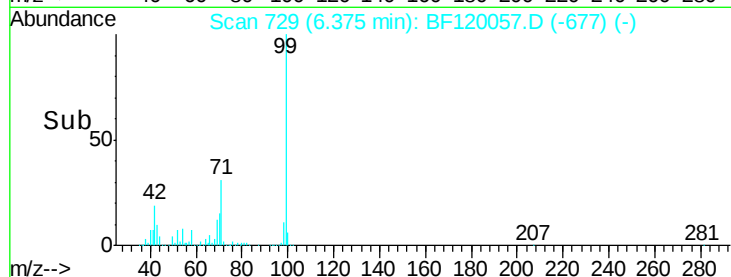
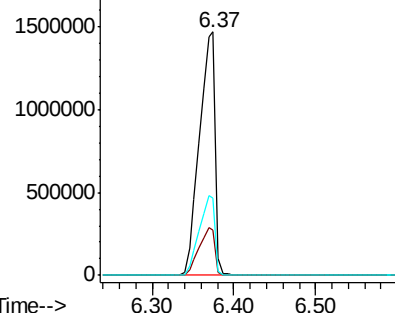
99 100

42 18.8 16.9 25.3

71 31.5 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

Tgt Ion: 136 Resp: 690697

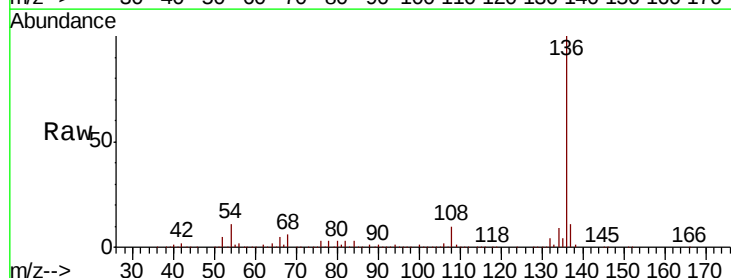
Ion Ratio Lower Upper

136 100

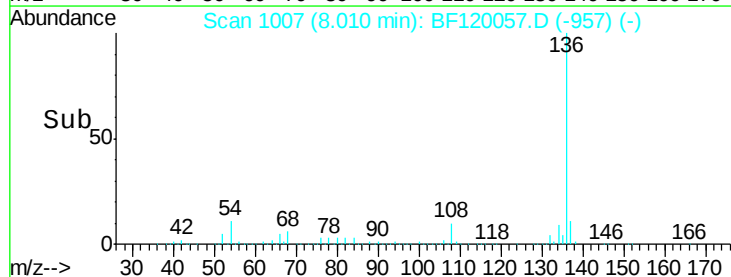
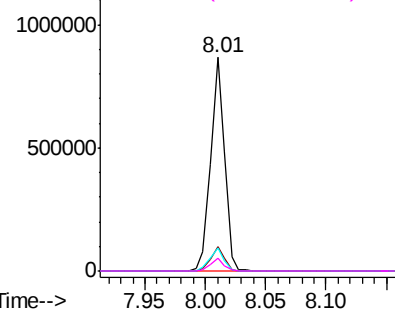
137 11.3 8.7 13.1

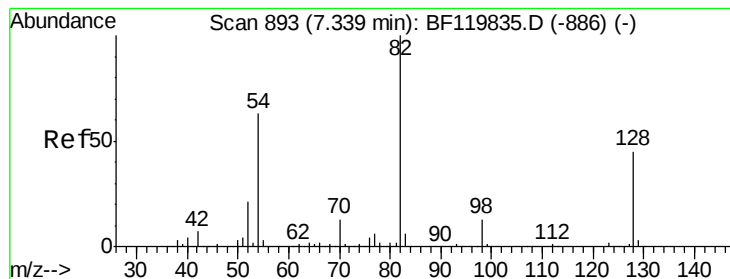
54 10.8 8.5 12.7

68 6.1 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: 89.867 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

Instrument :

BNA_F

ClientSampleId :

TP-26

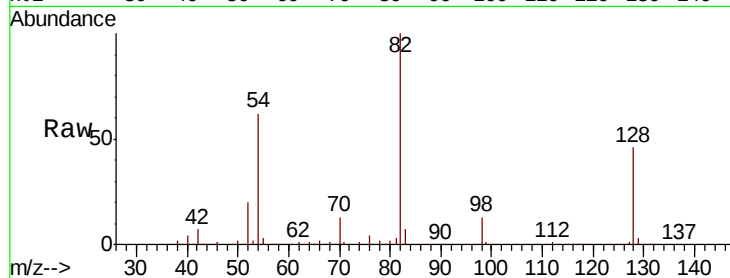
Tot Ion: 82 Resp: 1199813

Ion Ratio Lower Upper

82 100

128 46.3 36.2 54.4

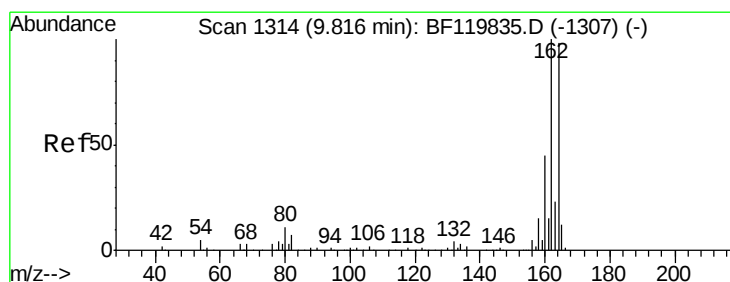
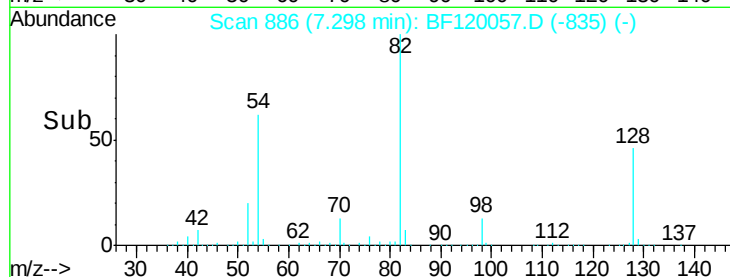
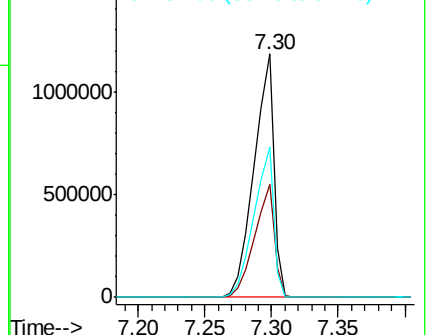
54 61.6 50.4 75.6



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: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

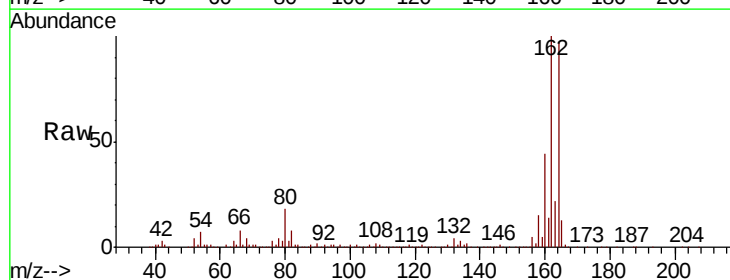
Tgt Ion:164 Resp: 309958

Ion Ratio Lower Upper

164 100

162 102.8 81.9 122.9

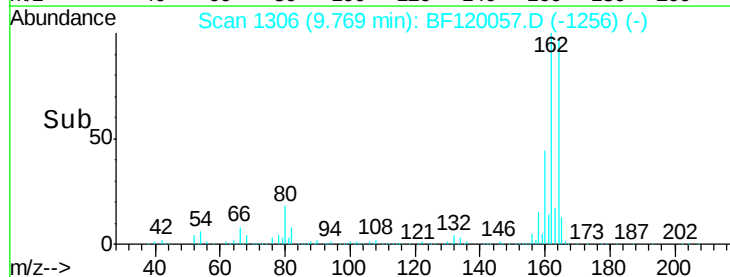
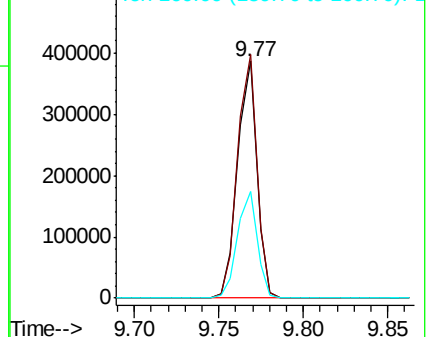
160 45.3 36.6 54.8

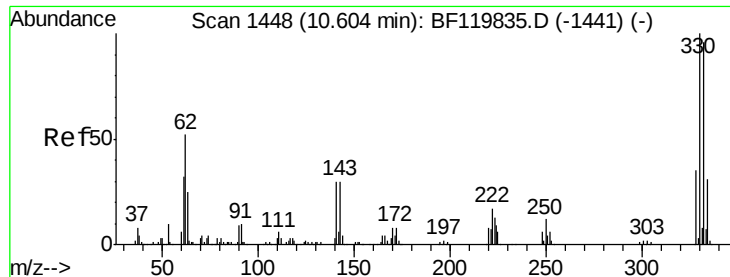


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

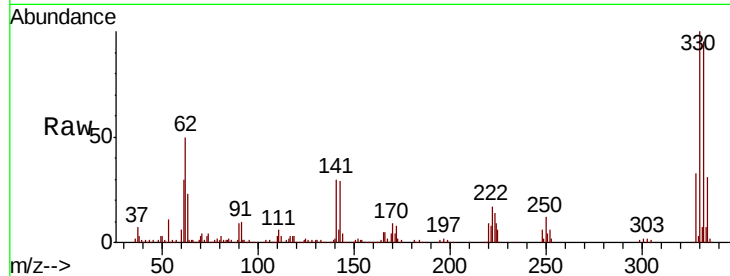




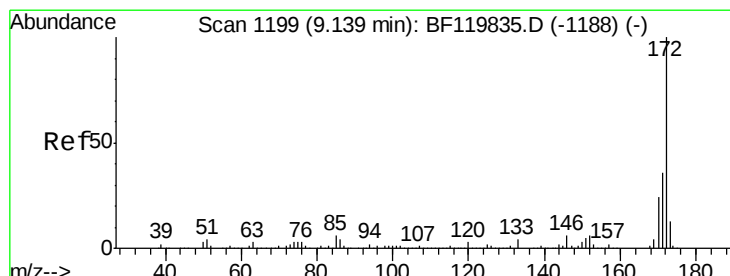
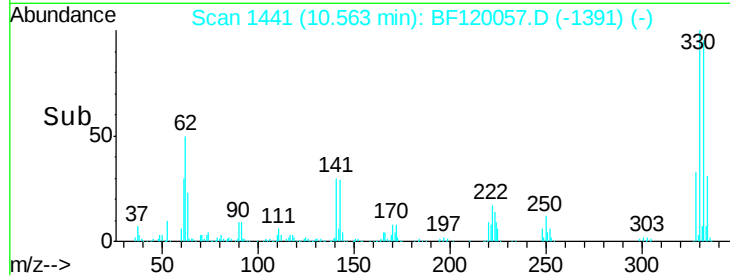
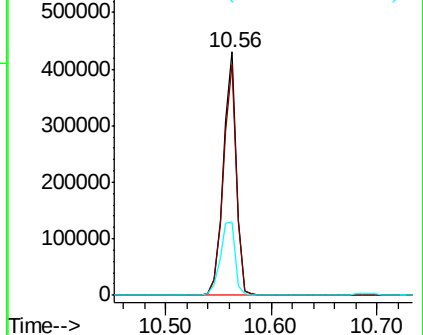
#42
 2,4,6-Tribromophenol
 Concen: 98.187 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF120057.D
 Acq: 17 Apr 2020 14:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-26

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.8	115.2
141	34.8	25.1	37.7

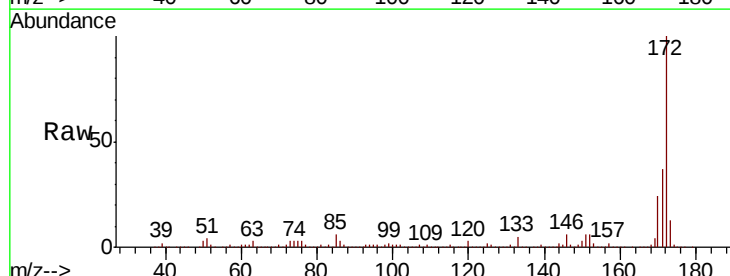


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

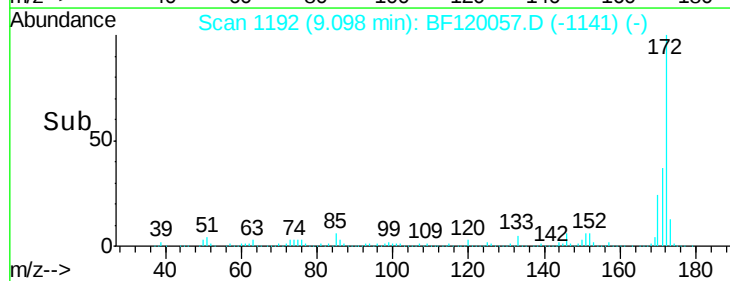
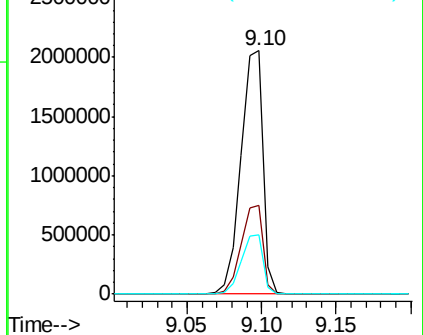


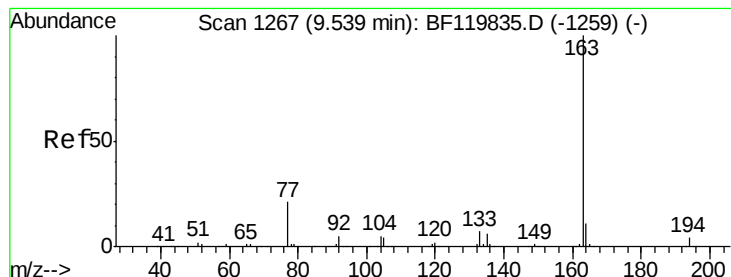
#45
 2-Fluorobiphenyl
 Concen: 96.818 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF120057.D
 Acq: 17 Apr 2020 14:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.4	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





#50

Dimethylphthalate

Concen: 4.601 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

Instrument :

BNA_F

ClientSampleId :

TP-26

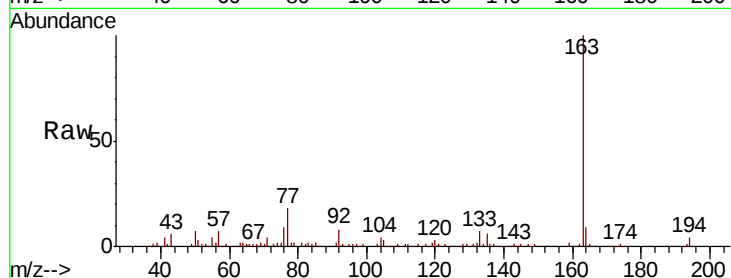
Tot Ion:163 Resp: 110306

Ion Ratio Lower Upper

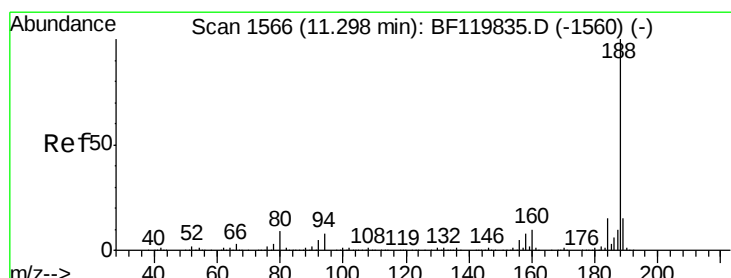
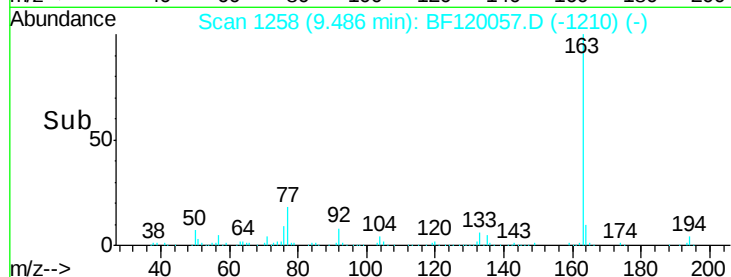
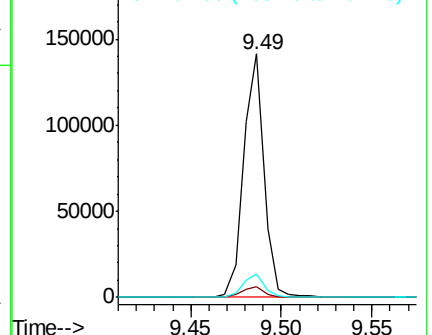
163 100

194 4.3 3.0 4.4

164 9.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120057.D

Acq: 17 Apr 2020 14:20

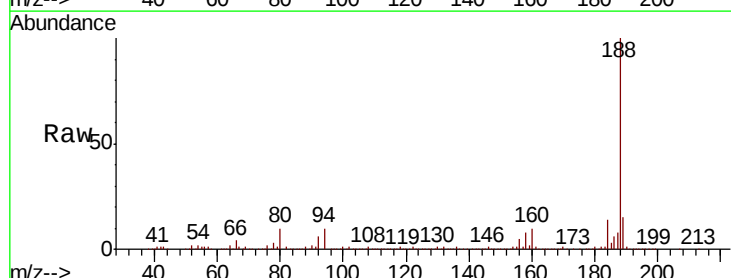
Tgt Ion:188 Resp: 459208

Ion Ratio Lower Upper

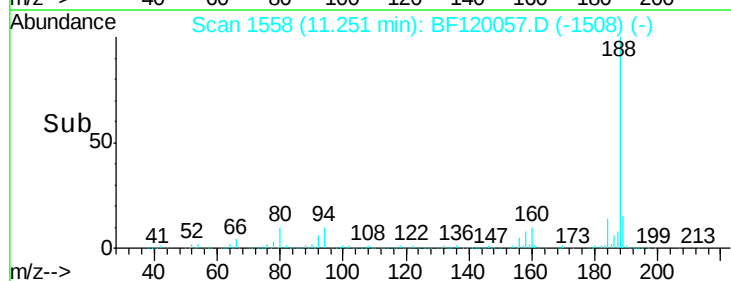
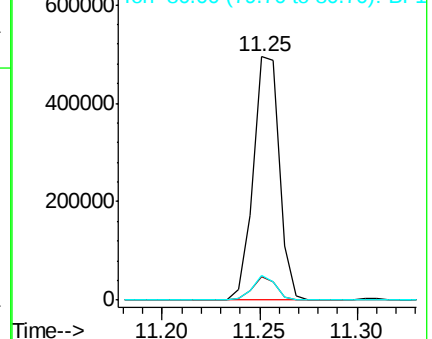
188 100

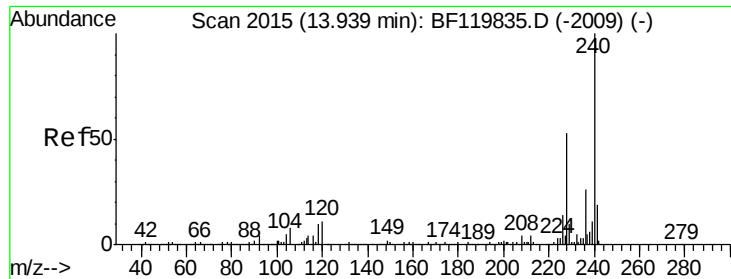
94 9.7 6.7 10.1

80 10.2 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

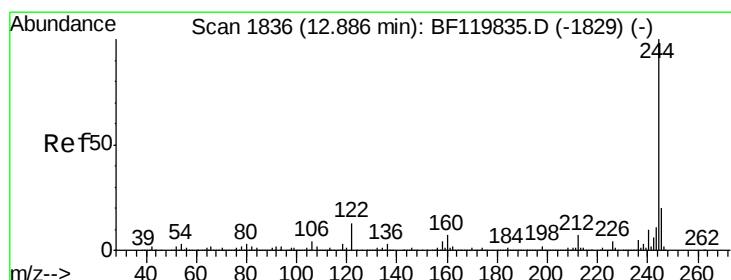
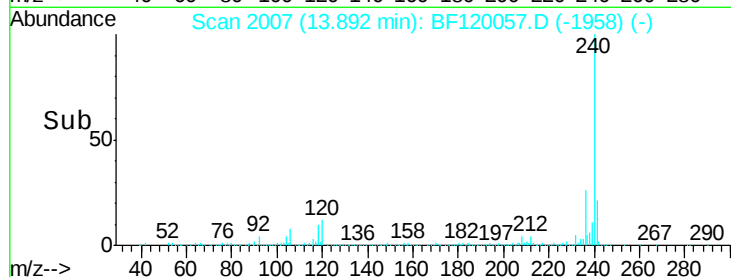
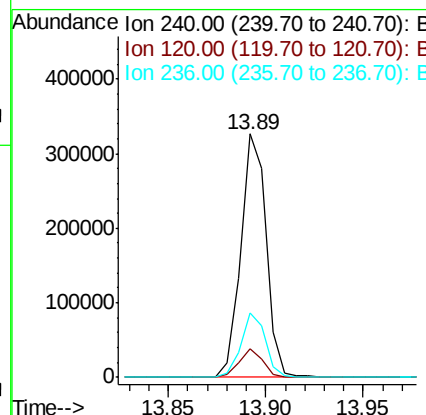
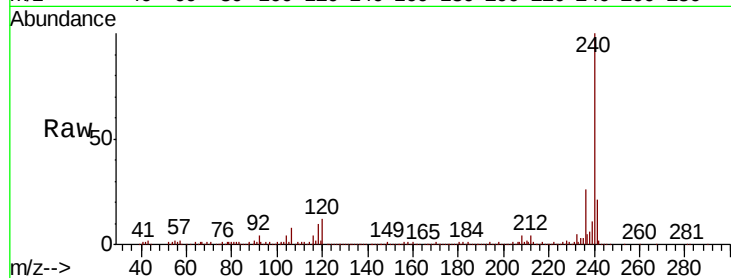




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF120057.D
 Acq: 17 Apr 2020 14:20

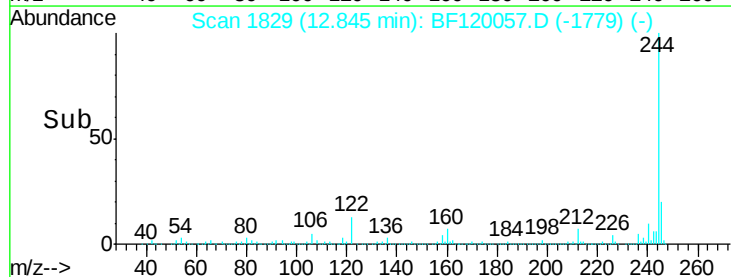
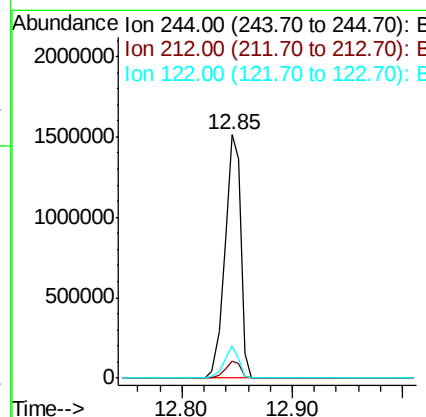
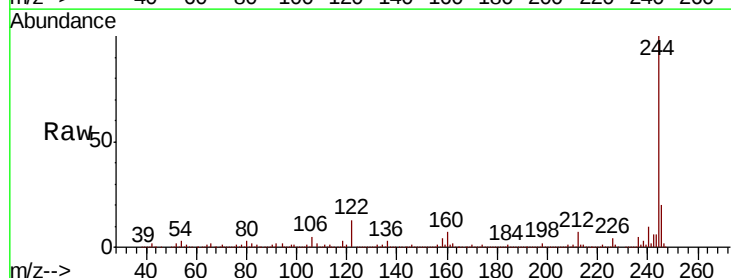
Instrument :
 BNA_F
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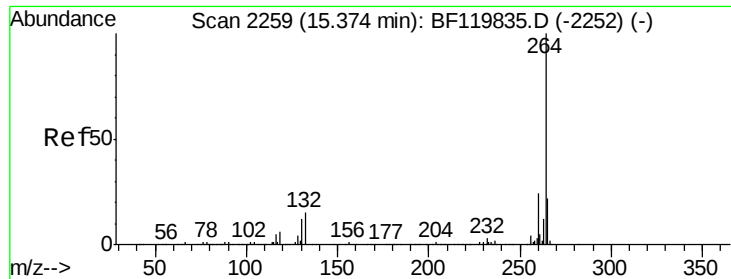
Tot Ion:240 Resp: 293784
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.0 13.6
 236 26.4 20.7 31.1



#79
 Terphenyl-d14
 Concen: 86.027 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF120057.D
 Acq: 17 Apr 2020 14:20

Tgt Ion:244 Resp: 1501989
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.5 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF120057.D
Acq: 17 Apr 2020 14:20

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.8	17.6	26.4

