

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120260.D
 Acq On : 1 May 2020 16:07
 Operator : MA/SJ
 Sample : L2463-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JHDS-SOUTH-D

Quant Time: May 01 17:00:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

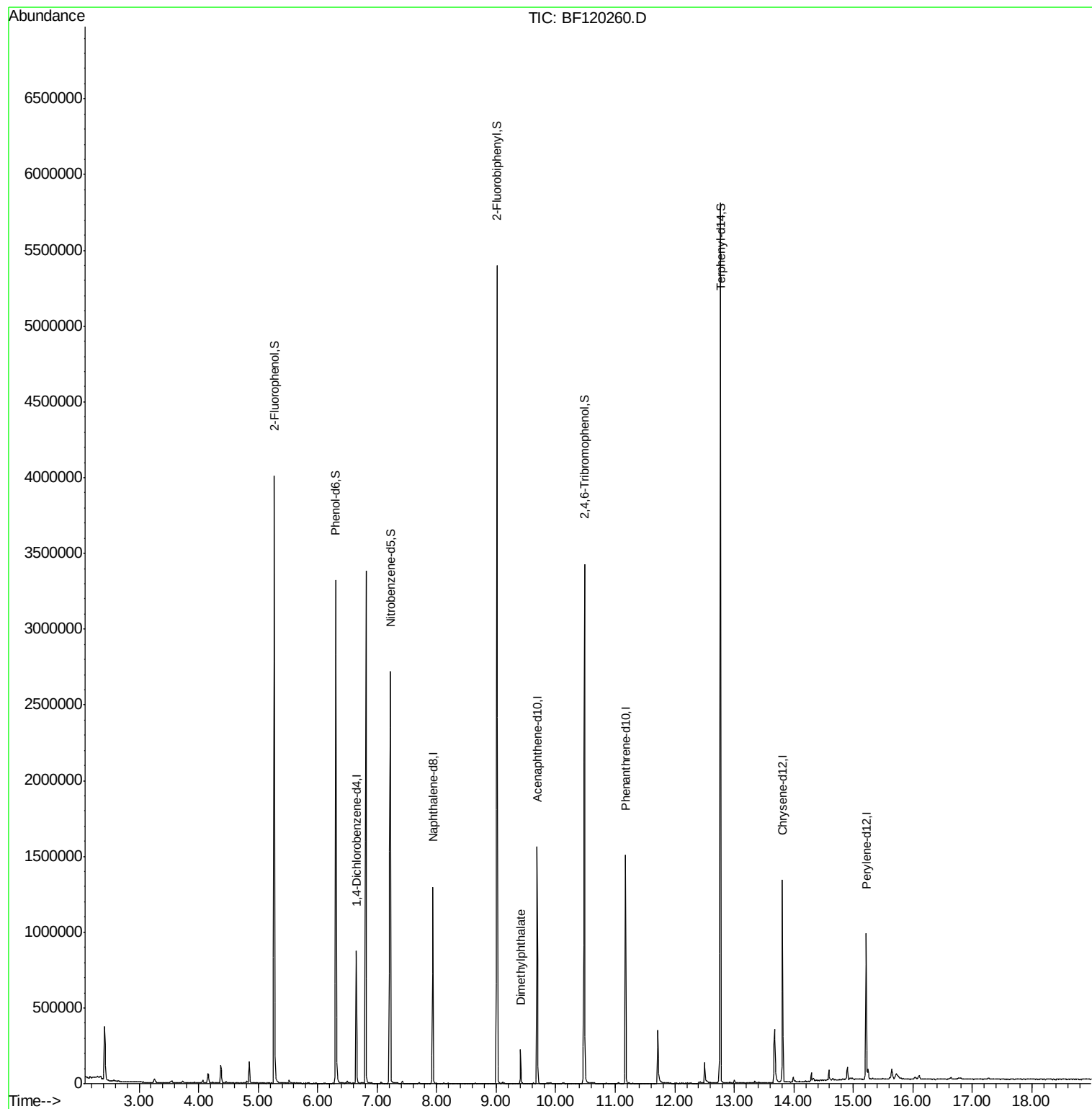
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	137391	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	532950	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	288848	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	574641	20.00	ng	0.00
76) Chrysene-d12	13.81	240	481659	20.00	ng	-0.02
87) Perylene-d12	15.22	264	409730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1047402	131.75	ng	0.00
7) Phenol-d6	6.30	99	1186532	115.83	ng	-0.01
23) Nitrobenzene-d5	7.22	82	939051	91.15	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	433603	122.61	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1731480	85.11	ng	0.00
79) Terphenyl-d14	12.77	244	2274218	79.45	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.41	163	80123	3.586	ng	Qvalue 97

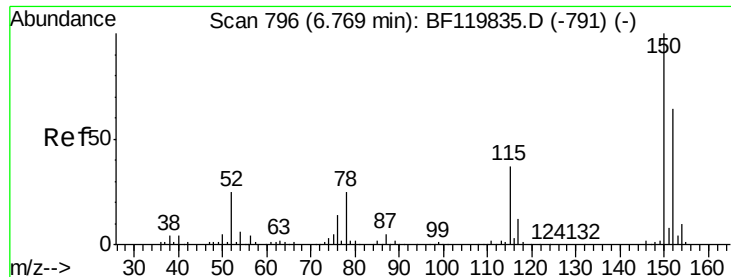
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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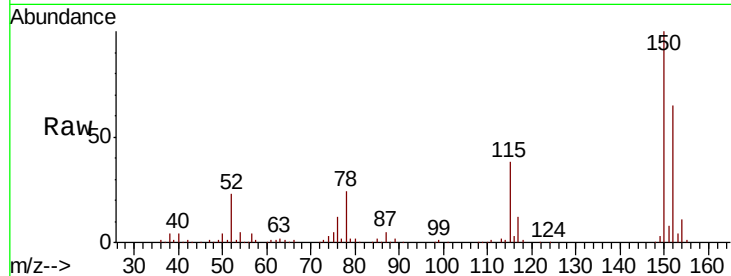


#1

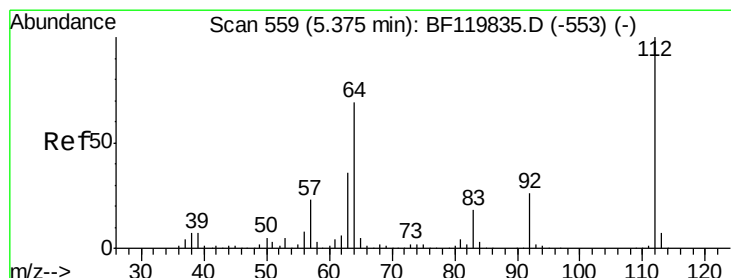
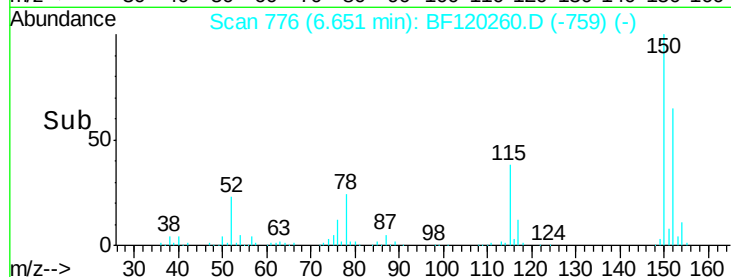
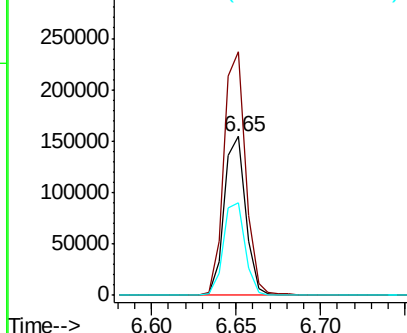
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120260.D
Acq: 1 May 2020 16:07

Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-D

Tot Ion:152 Resp: 137391
Ion Ratio Lower Upper
152 100
150 153.5 124.5 186.7
115 58.1 49.6 74.4



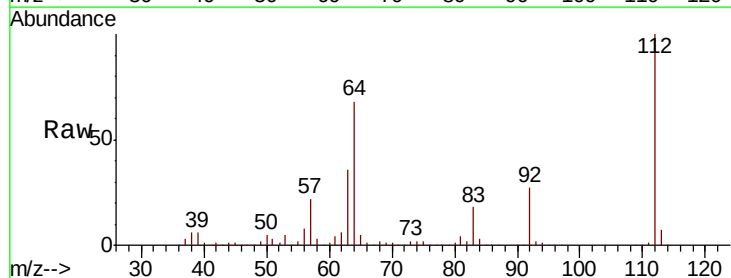
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



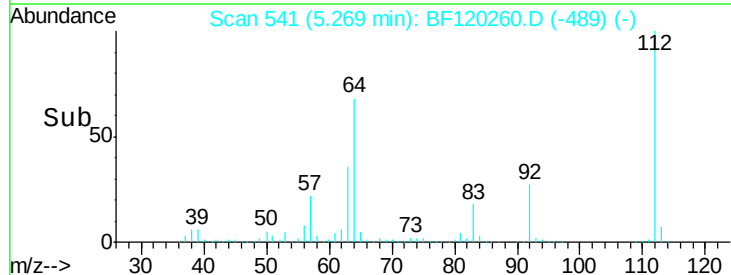
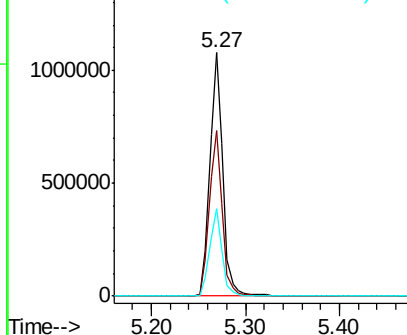
#5

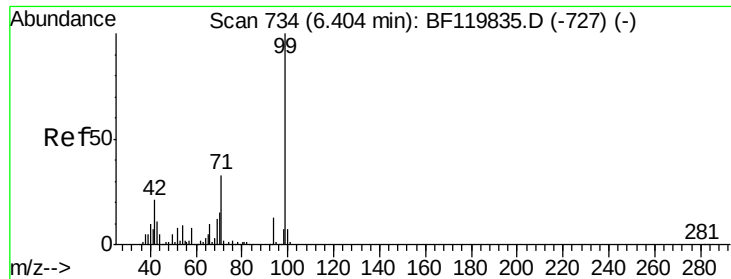
2-Fluorophenol
Concen: 131.748 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF120260.D
Acq: 1 May 2020 16:07

Tgt Ion:112 Resp: 1047402
Ion Ratio Lower Upper
112 100
64 68.1 56.7 85.1
63 35.9 29.5 44.3



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: 115.827 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120260.D

Acq: 1 May 2020 16:07

Instrument :

BNA_F

ClientSampleId :

JHDS-SOUTH-D

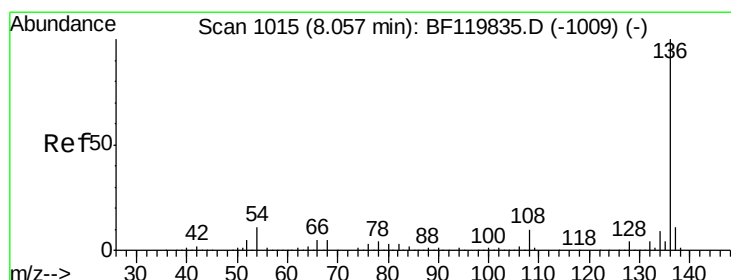
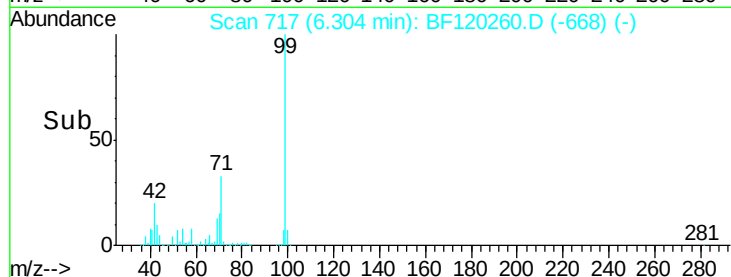
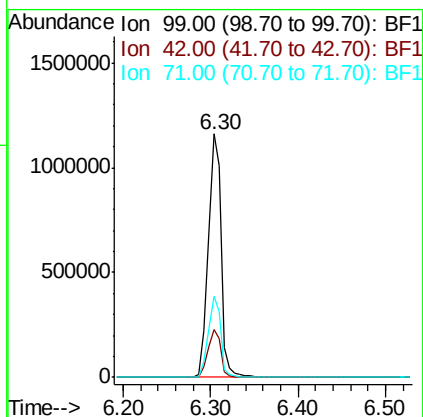
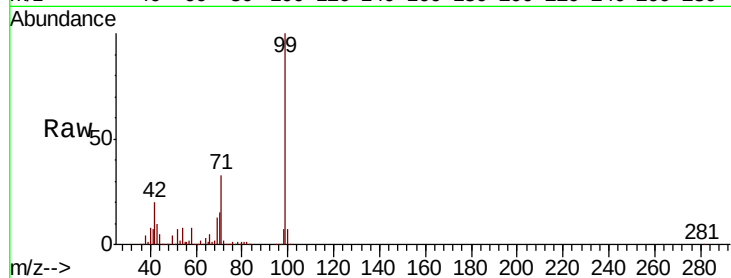
Tot Ion: 99 Resp: 1186532

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

71 33.3 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120260.D

Acq: 1 May 2020 16:07

Tgt Ion: 136 Resp: 532950

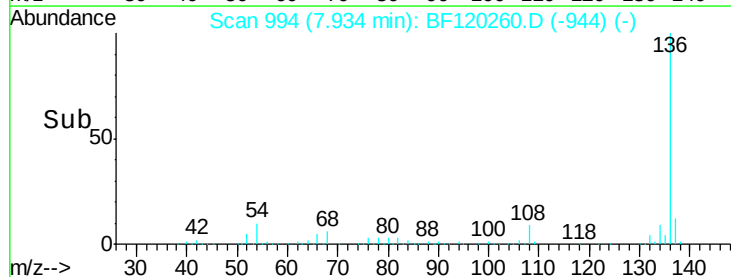
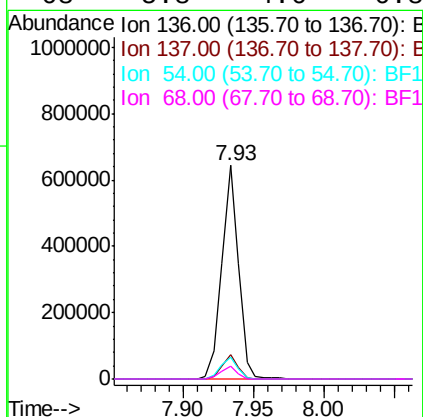
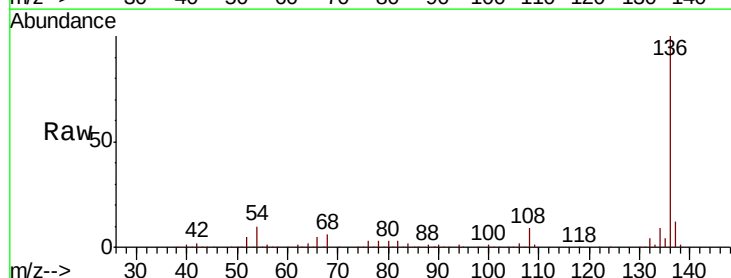
Ion Ratio Lower Upper

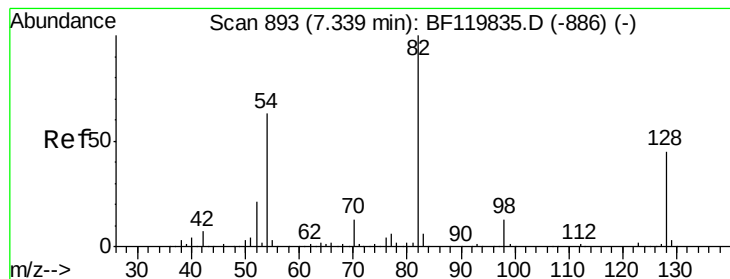
136 100

137 11.5 8.7 13.1

54 10.0 9.1 13.7

68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 91.154 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF120260.D

Acq: 1 May 2020 16:07

Instrument :

BNA_F

ClientSampleId :

JHDS-SOUTH-D

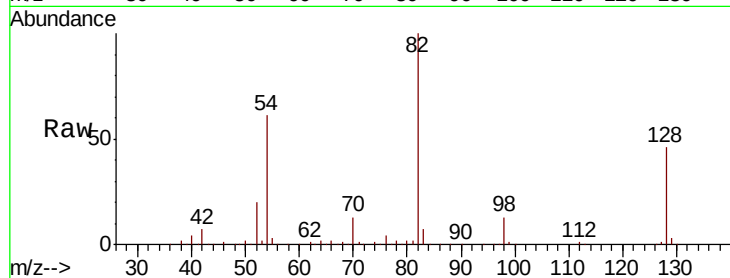
Tot Ion: 82 Resp: 939051

Ion Ratio Lower Upper

82 100

128 46.2 36.3 54.5

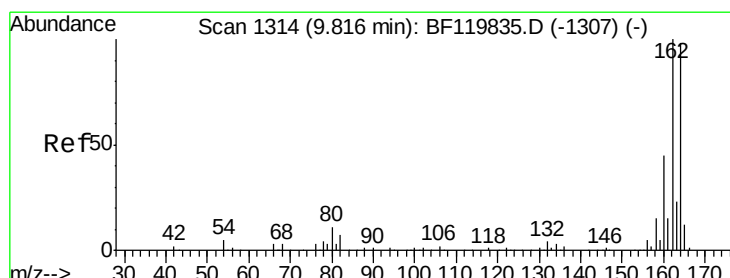
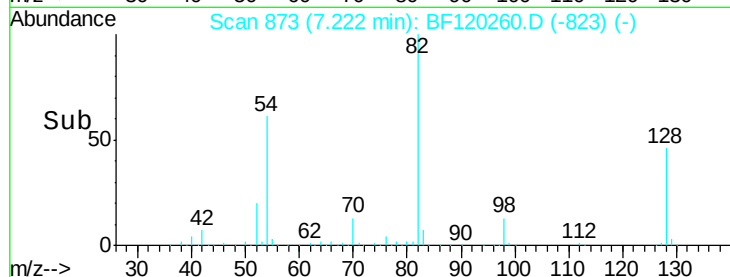
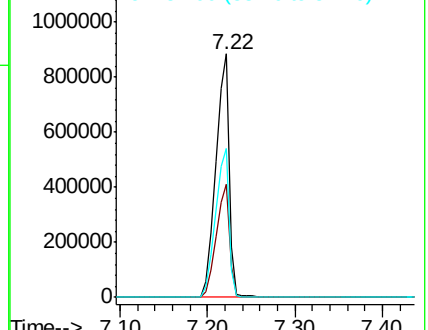
54 61.4 50.6 75.8



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: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF120260.D

Acq: 1 May 2020 16:07

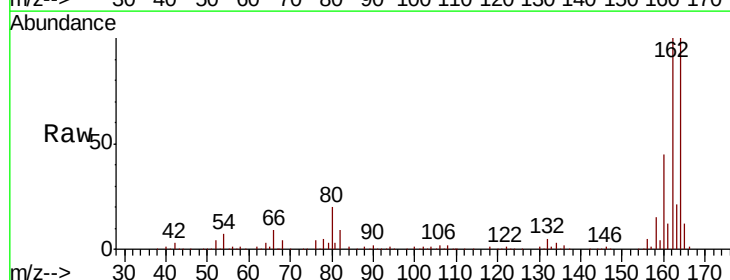
Tgt Ion:164 Resp: 288848

Ion Ratio Lower Upper

164 100

162 100.2 80.6 121.0

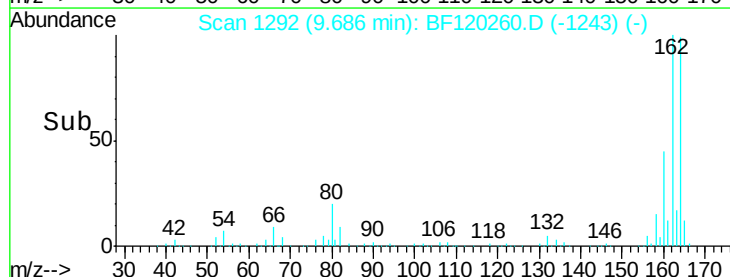
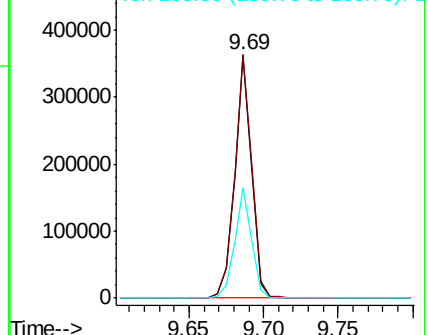
160 45.3 35.7 53.5

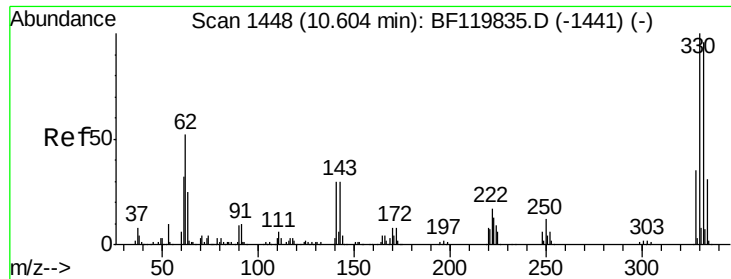


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

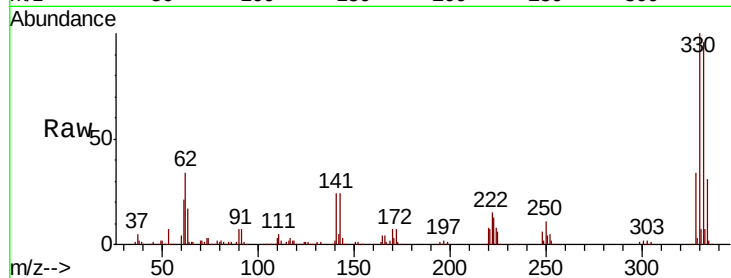




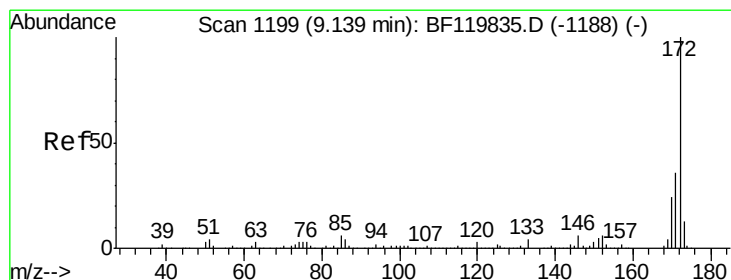
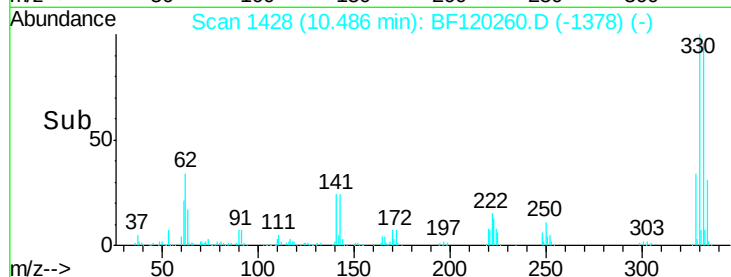
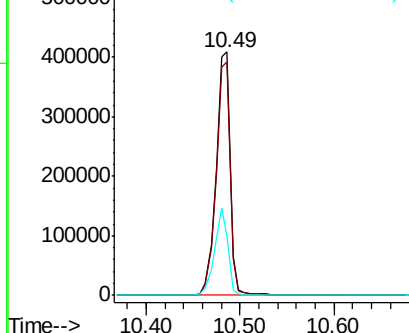
#42
 2,4,6-Tribromophenol
 Concen: 122.609 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120260.D
 Acq: 1 May 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 JHDS-SOUTH-D

Tot Ion:330 Resp: 433603
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.7 113.5
 141 33.9 25.4 38.0

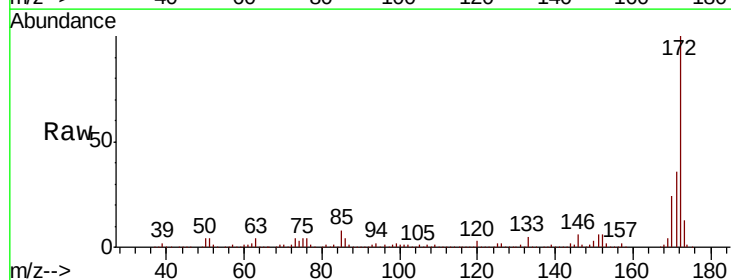


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

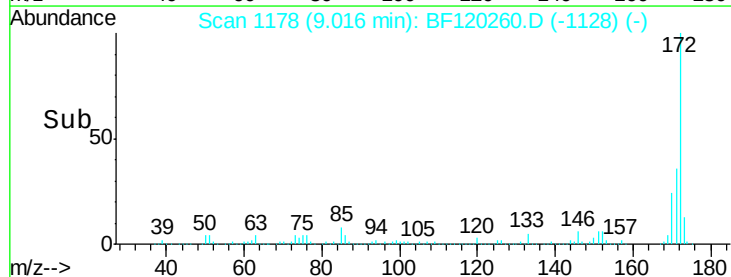
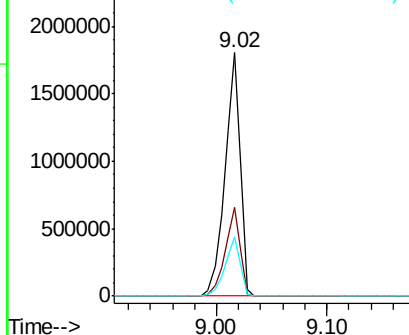


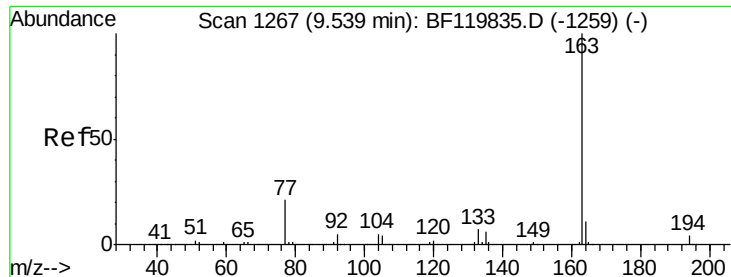
#45
 2-Fluorobiphenyl
 Concen: 85.108 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120260.D
 Acq: 1 May 2020 16:07

Tgt Ion:172 Resp: 1731480
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.4 20.2 30.2



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

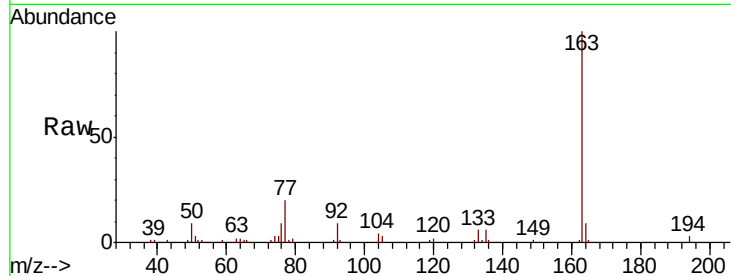




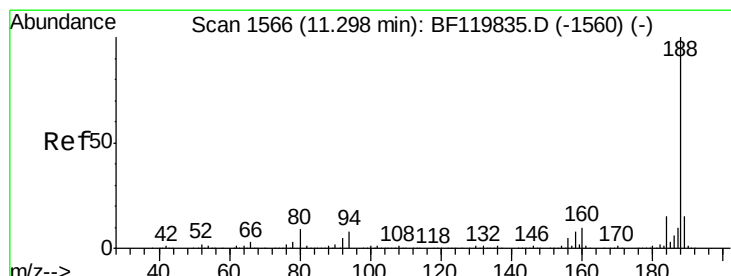
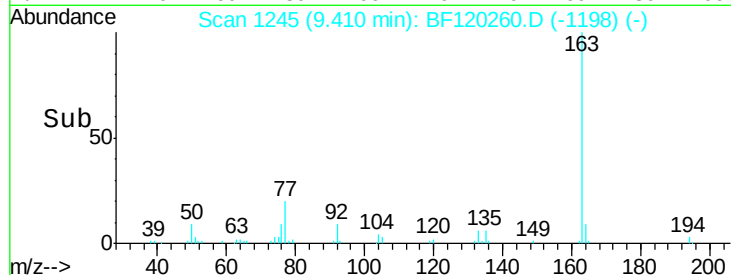
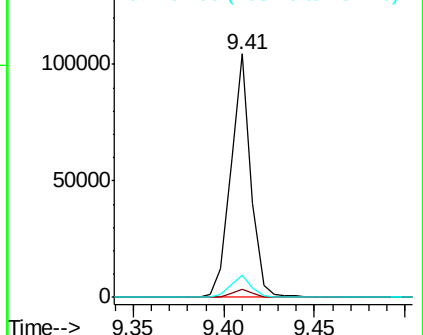
#50
Dimethylphthalate
Concen: 3.586 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF120260.D
Acq: 1 May 2020 16:07

Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-D

Tot Ion:163 Resp: 80123
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 9.1 8.2 12.2

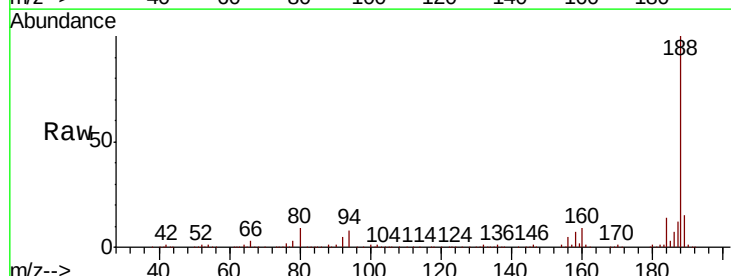


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

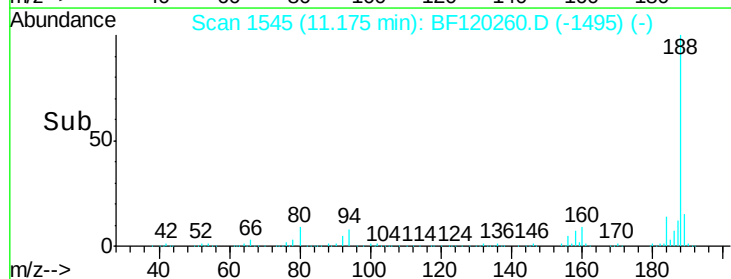
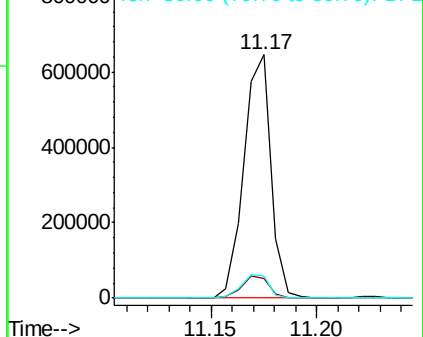


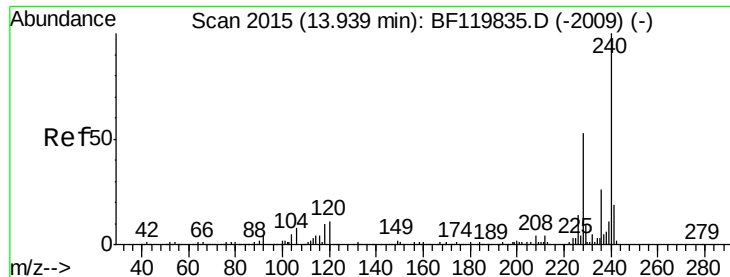
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120260.D
Acq: 1 May 2020 16:07

Tgt Ion:188 Resp: 574641
Ion Ratio Lower Upper
188 100
94 8.1 7.5 11.3
80 8.9 9.0 13.4#



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: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF120260.D

Acq: 1 May 2020 16:07

Instrument :

BNA_F

ClientSampleId :

JHDS-SOUTH-D

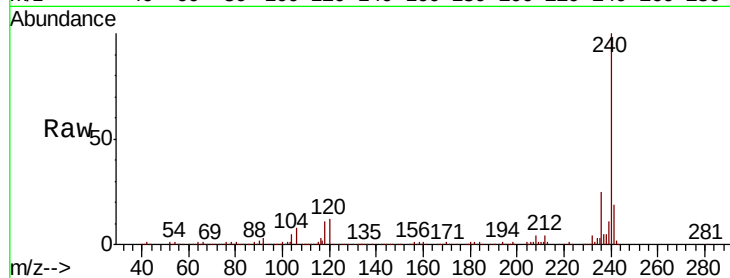
Tot Ion:240 Resp: 481659

Ion Ratio Lower Upper

240 100

120 11.9 10.6 15.8

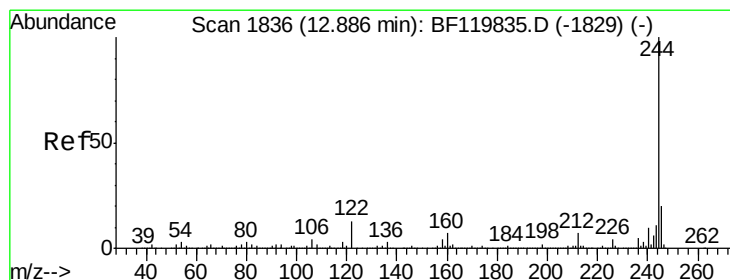
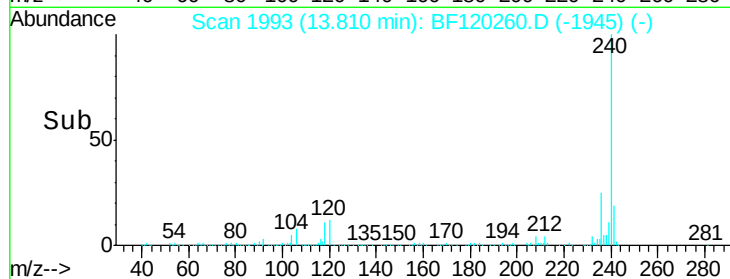
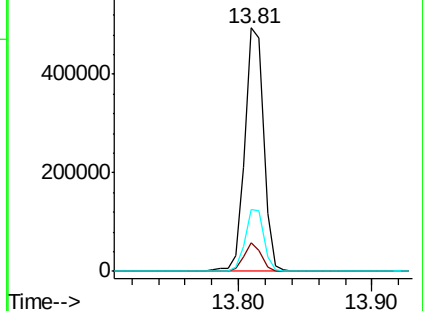
236 25.3 20.2 30.2



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: 79.449 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120260.D

Acq: 1 May 2020 16:07

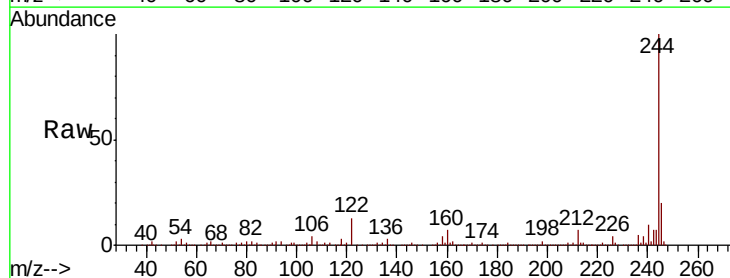
Tgt Ion:244 Resp: 2274218

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

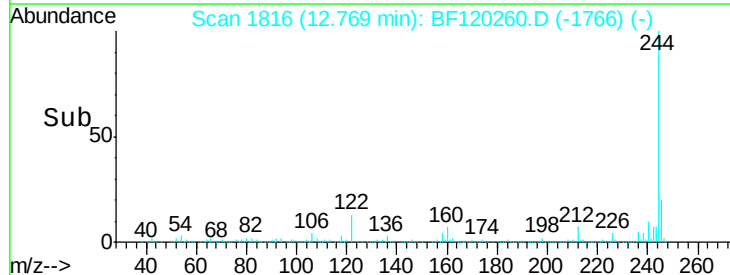
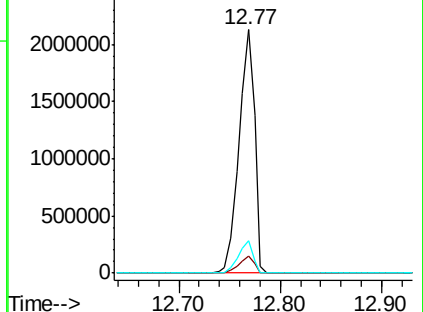
122 13.2 10.3 15.5

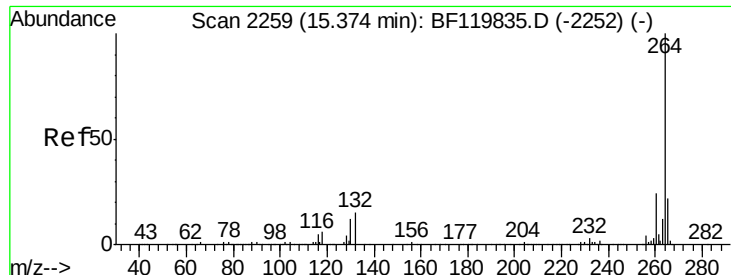


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

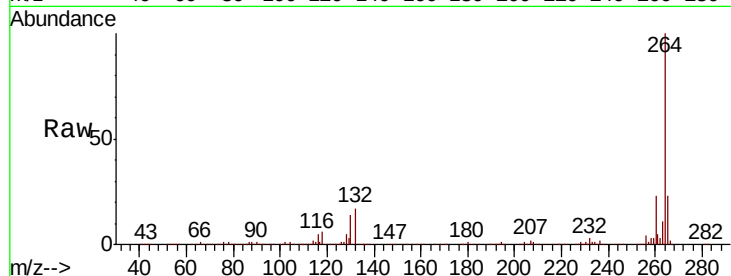




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BF120260.D
 Acq: 1 May 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 JHDS-SOUTH-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.9	17.7	26.5



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

