

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 16:59:19 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

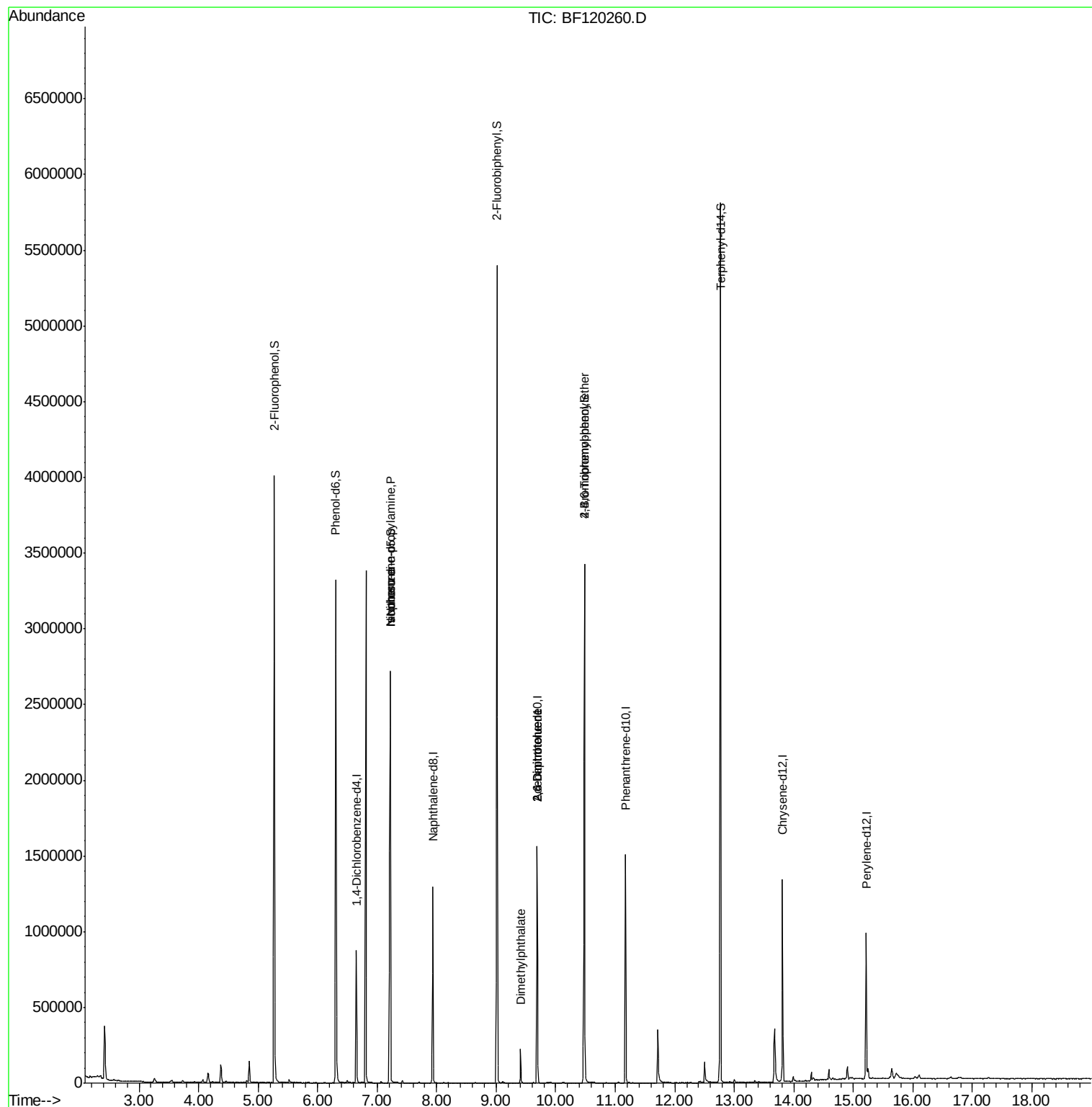
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	137391	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	532950	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	288848	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	574641	20.00	ng	0.00
76) Chrysene-d12	13.81	240	481659	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						
9) Benzaldehyde	6.31	77	1585	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	124216	18.857 ng	#	1
25) Isophorone	7.22	82	934072	47.036 ng	#	74
50) Dimethylphthalate	9.41	163	80123	3.586 ng	#	65
51) 2,6-Dinitrotoluene	9.69	165	35619	7.280 ng	#	97
57) 2,4-Dinitrotoluene	9.69	165	35619	5.526 ng	#	26
67) 4-Bromophenyl-phenylether	10.48	248	26771	3.746 ng	#	20
					#	1

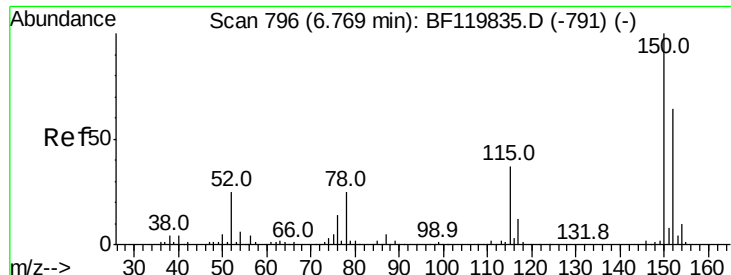
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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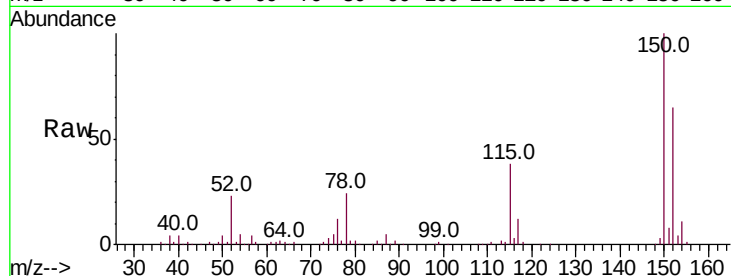


#1

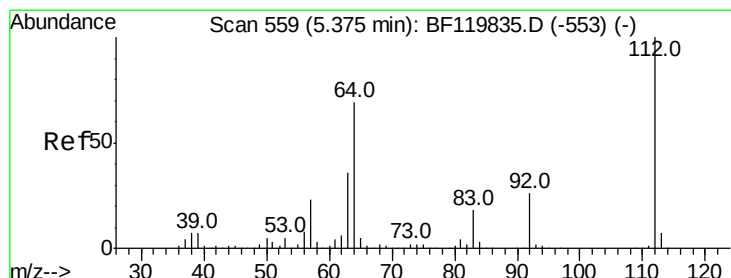
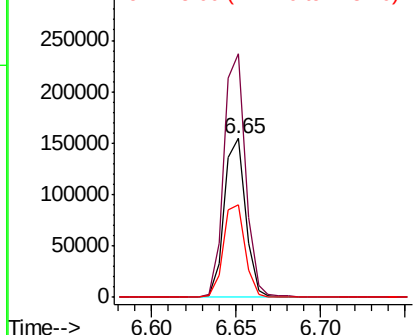
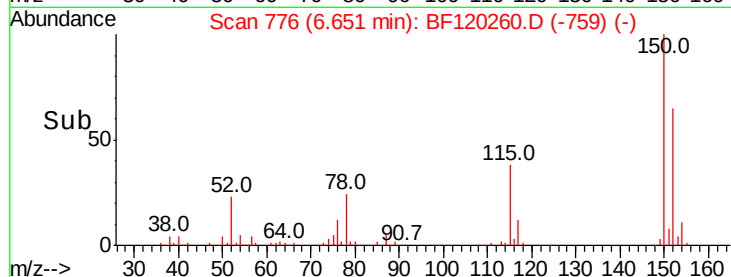
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120260.D
Acq: 1 May 2020 16:07

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



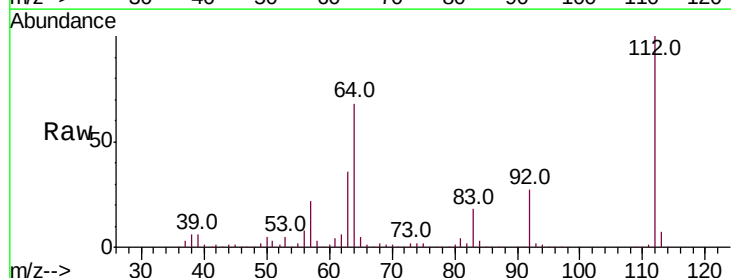
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



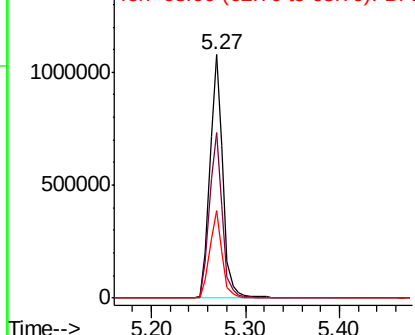
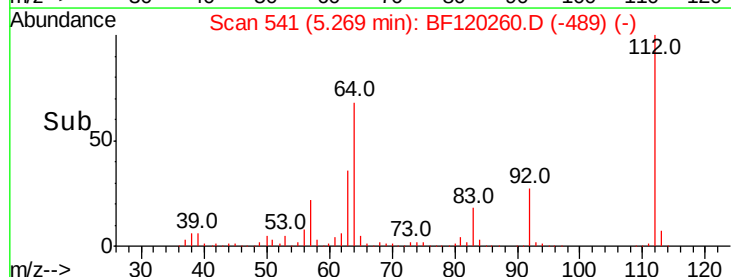
#5

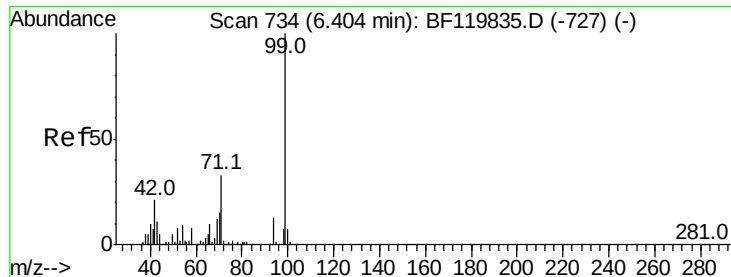
2-Fluorophenol
Concen: 131.748 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF120260.D
Acq: 1 May 2020 16:07

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

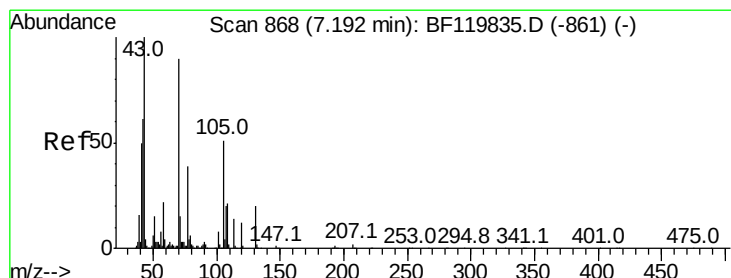
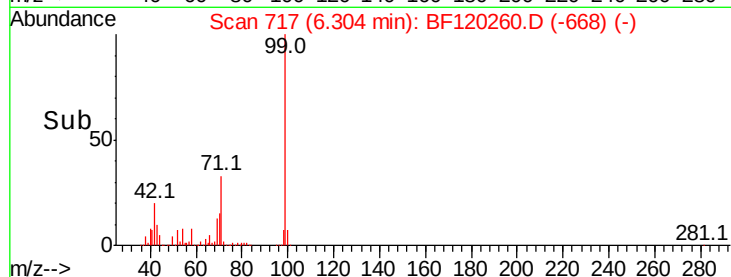
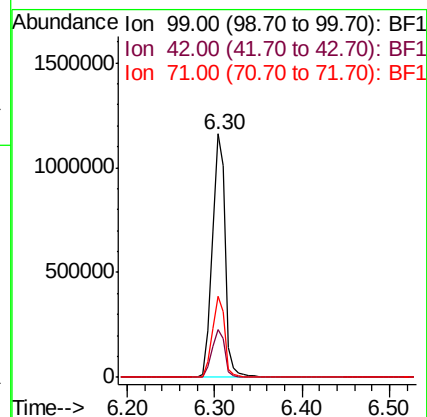
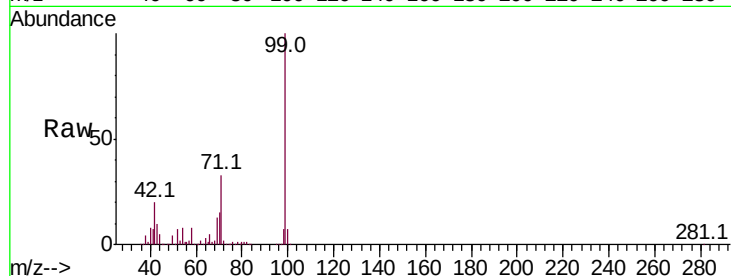
Tot Ion: 99 Resp: 1186532

Ion Ratio Lower Upper

99 100

42 19.9 16.6 24.8

71 33.3 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.857 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.14 min

Lab File: BF120260.D

Acq: 1 May 2020 16:07

Tgt Ion: 70 Resp: 124216

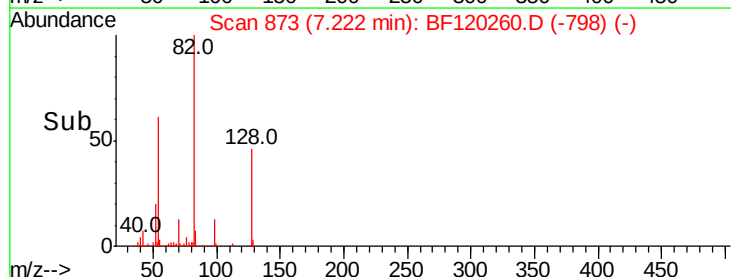
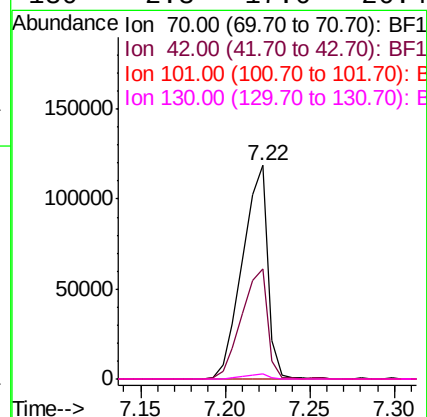
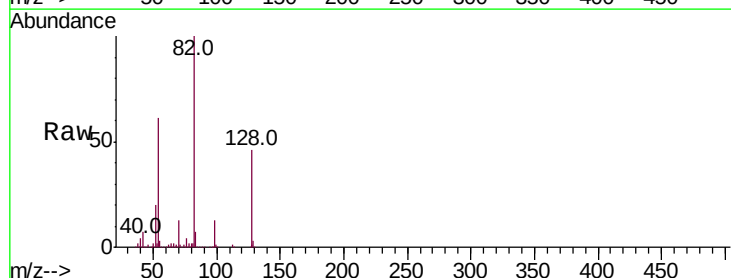
Ion Ratio Lower Upper

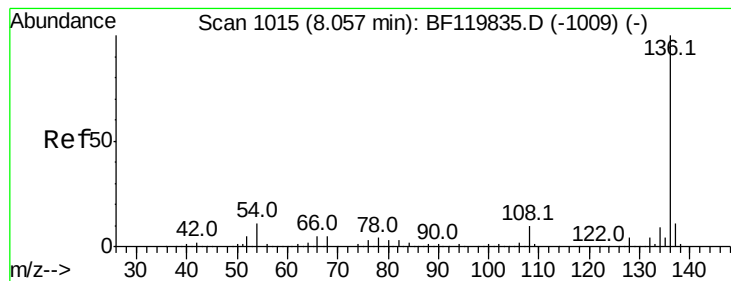
70 100

42 51.5 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#





#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

Instrument :

BNA_F

ClientSampleId :

JHDS-SOUTH-D

Tot Ion:136 Resp: 532950

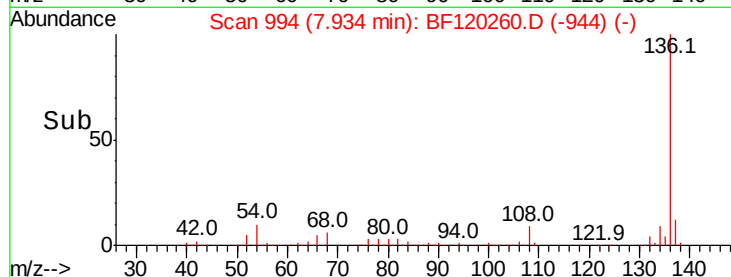
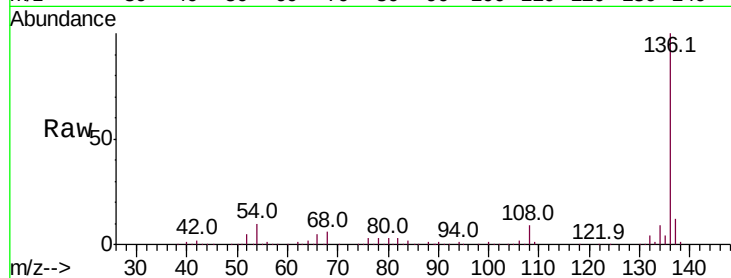
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.0 9.1 13.7

68 5.8 4.6 6.8

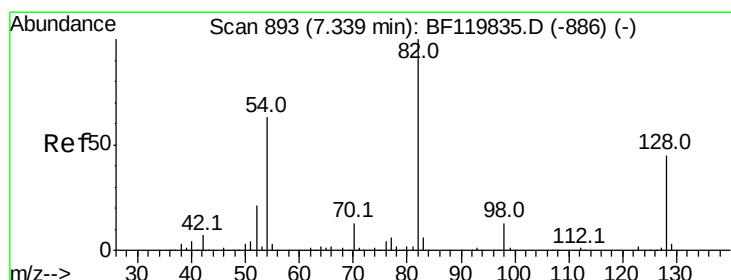
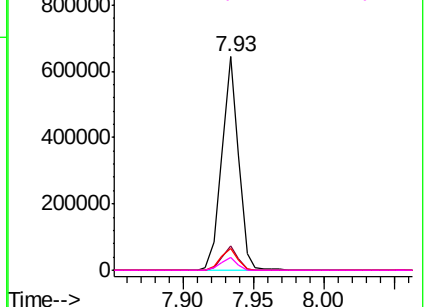


Abundance Ion 136.00 (135.70 to 136.70): E

1000000 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: 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

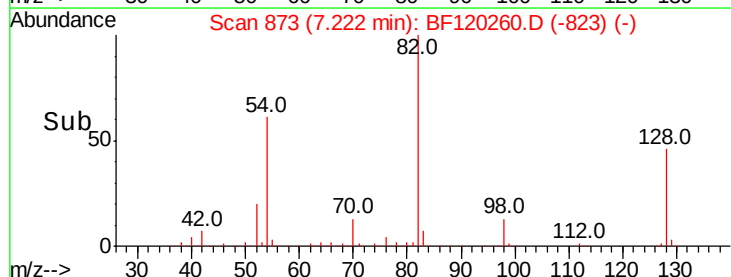
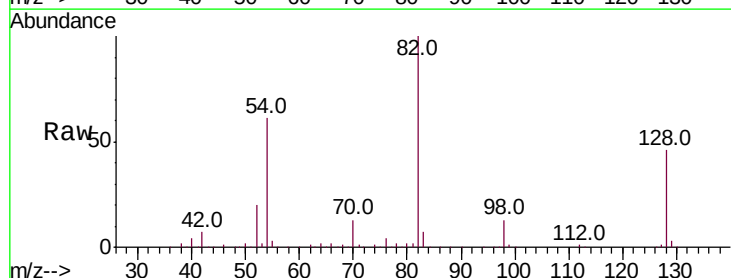
Tgt Ion: 82 Resp: 939051

Ion Ratio Lower Upper

82 100

128 46.2 36.3 54.5

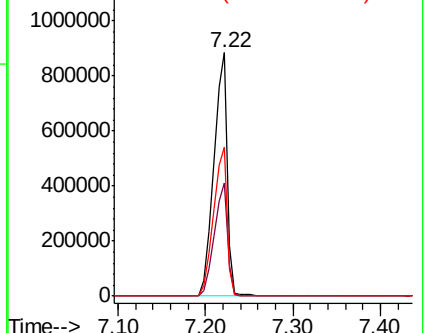
54 61.4 50.6 75.8

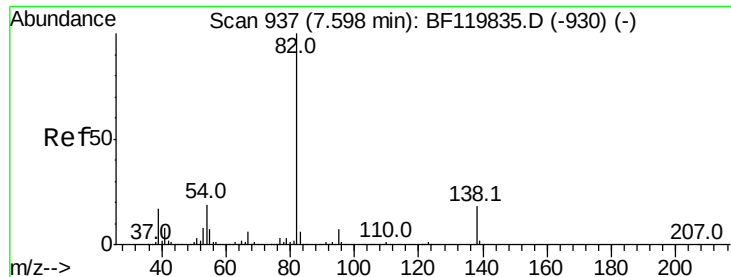


Abundance Ion 82.00 (81.70 to 82.70): BF1

1200000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.036 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.26 min

Lab File: BF120260.D

Acq: 1 May 2020 16:07

Instrument :

BNA_F

ClientSampleId :

JHDS-SOUTH-D

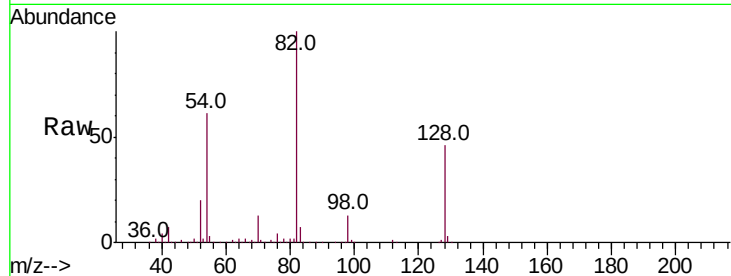
Tot Ion: 82 Resp: 934072

Ion Ratio Lower Upper

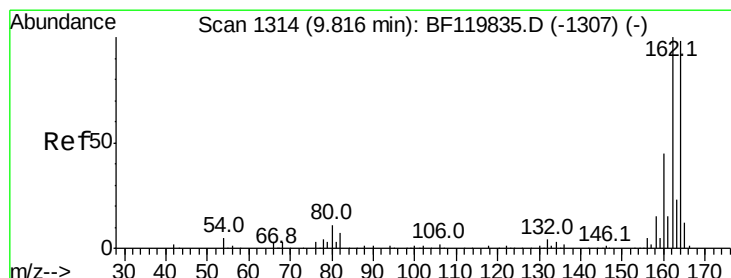
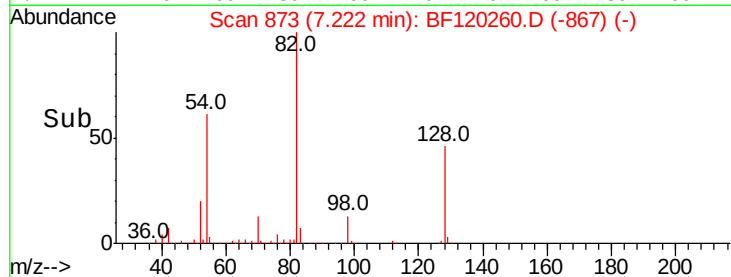
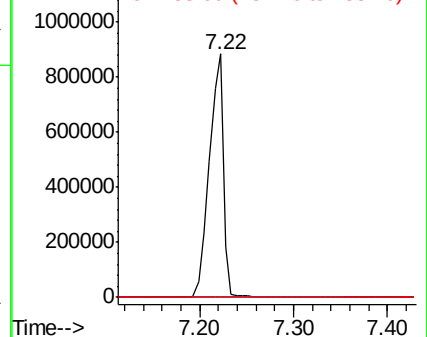
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#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

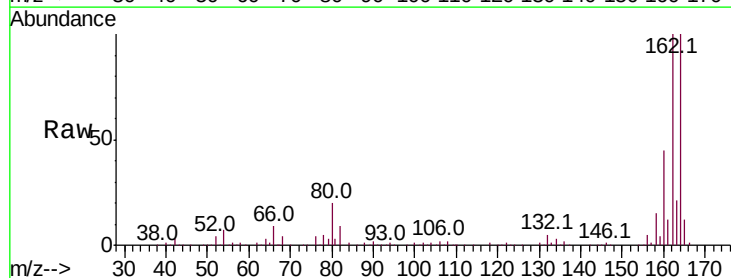
Tgt Ion: 164 Resp: 288848

Ion Ratio Lower Upper

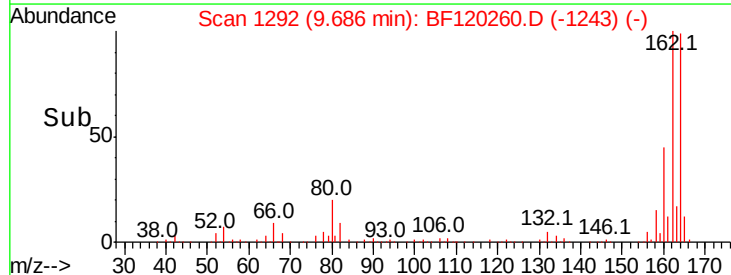
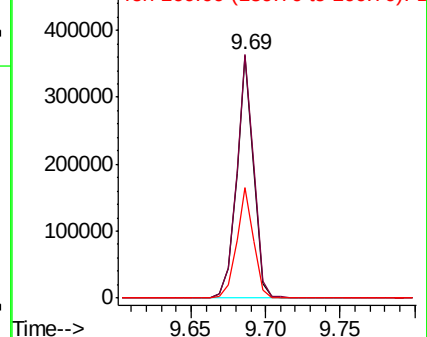
164 100

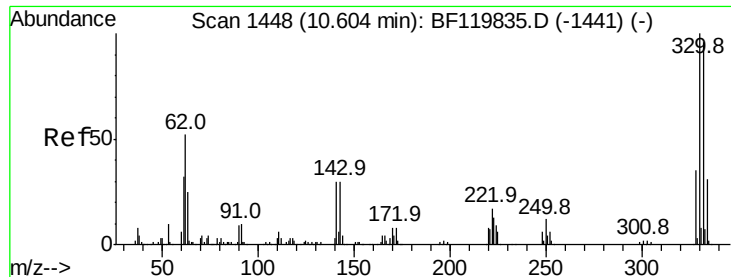
162 100.2 80.6 121.0

160 45.3 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E
500000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

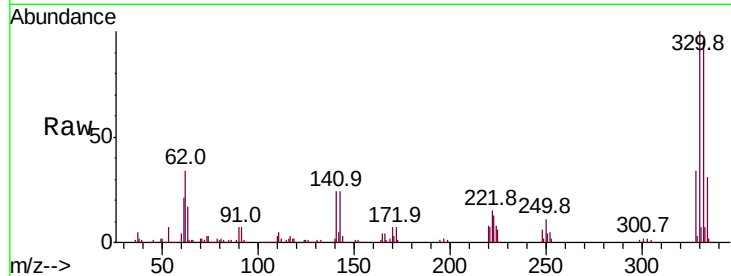




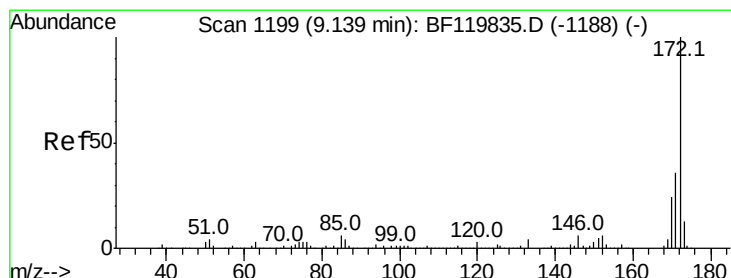
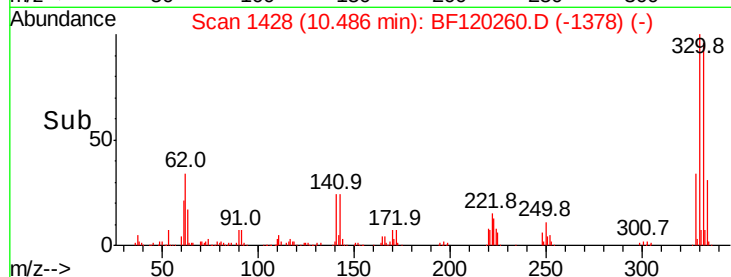
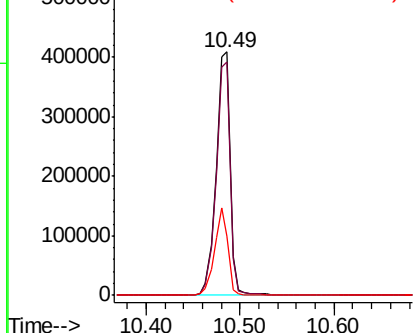
#42
 2,4,6-Tribromophenol
 Concen: 122.609 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120260.D
 Acq: 1 May 2020 16:07

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

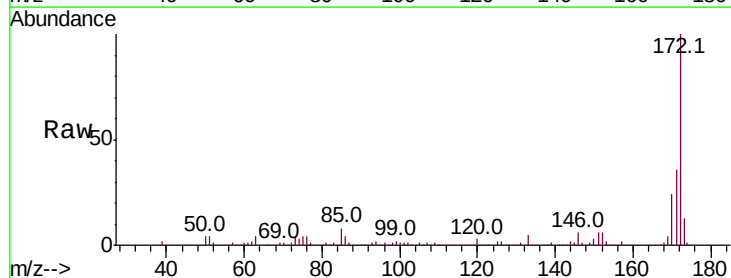


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

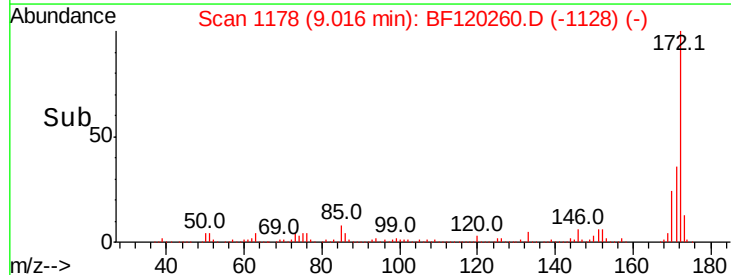
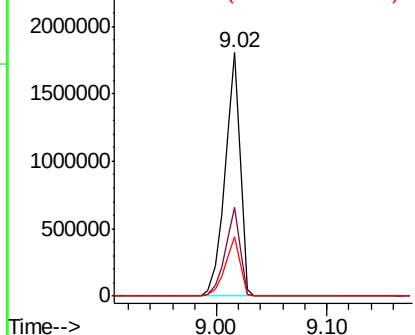


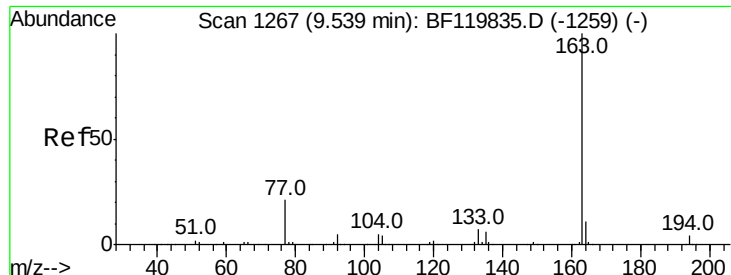
#45
 2-Fluorobiphenyl
 Concen: 85.108 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120260.D
 Acq: 1 May 2020 16:07

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

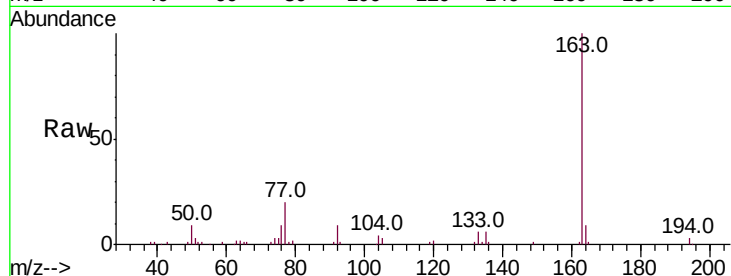




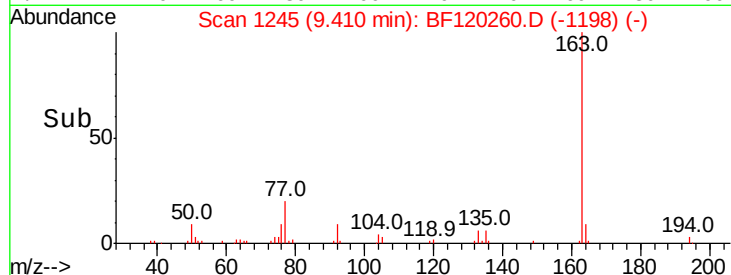
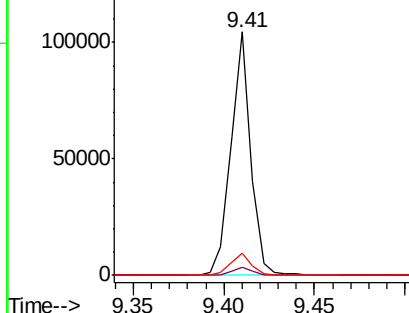
#50
Dimethylphthalate
Concen: 3.586 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF120260.D
Acq: 1 May 2020 16:07

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

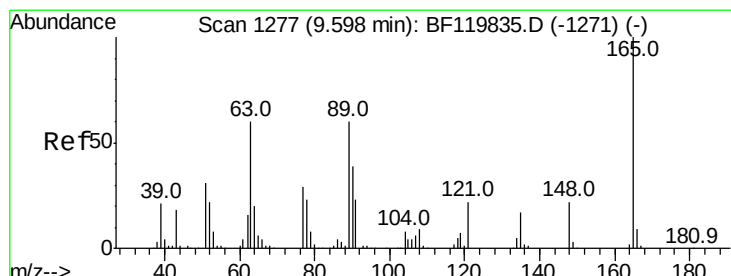


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

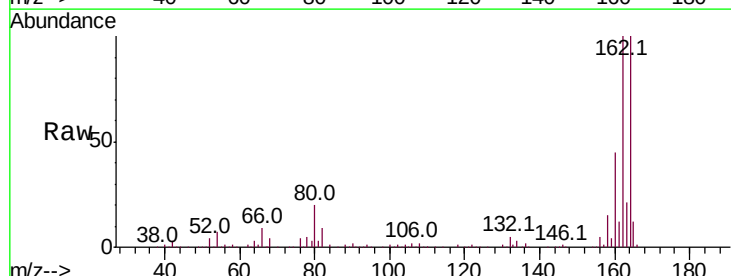
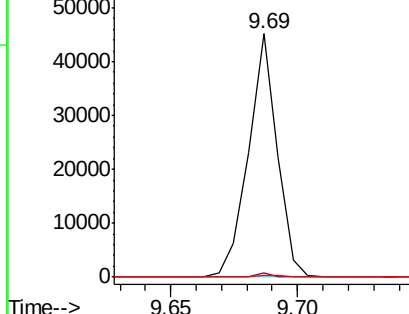


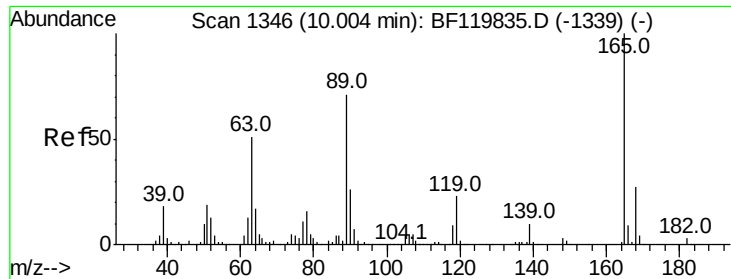
#51
2,6-Dinitrotoluene
Concen: 7.280 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.19 min
Lab File: BF120260.D
Acq: 1 May 2020 16:07

Tgt Ion:165 Resp: 35619
Ion Ratio Lower Upper
165 100
63 1.5 45.0 67.4#
89 0.9 41.5 62.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

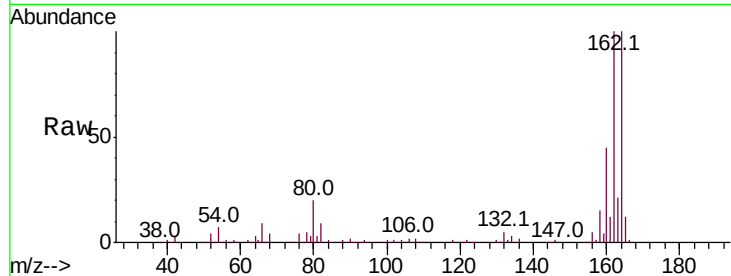




#57
 2,4-Dinitrotoluene
 Concen: 5.526 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.21 min
 Lab File: BF120260.D
 Acq: 1 May 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 JHDS-SOUTH-D

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	0.9	61.0	91.4#
182	0.0	2.2	3.2#

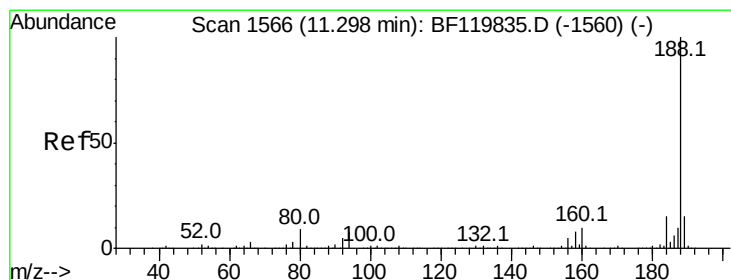
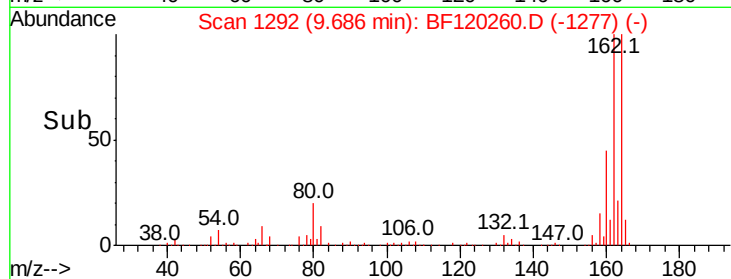
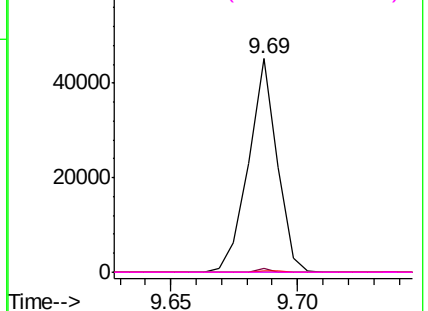


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



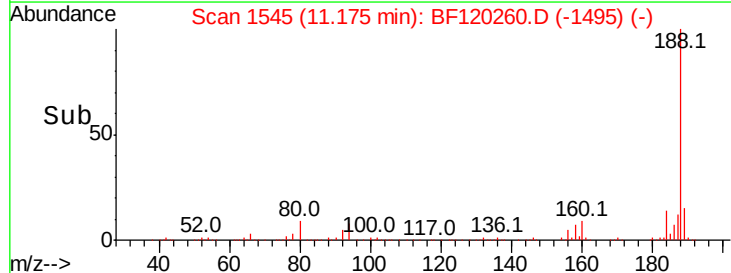
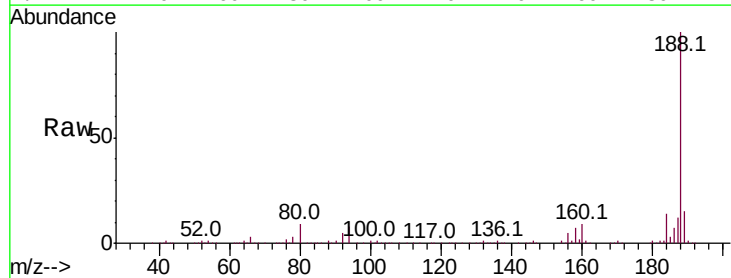
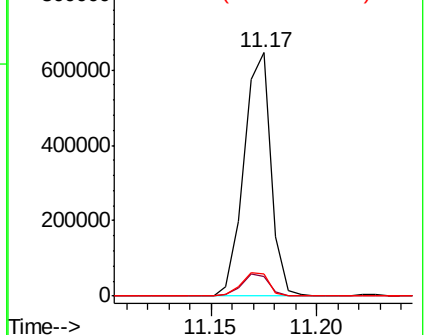
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120260.D
 Acq: 1 May 2020 16:07

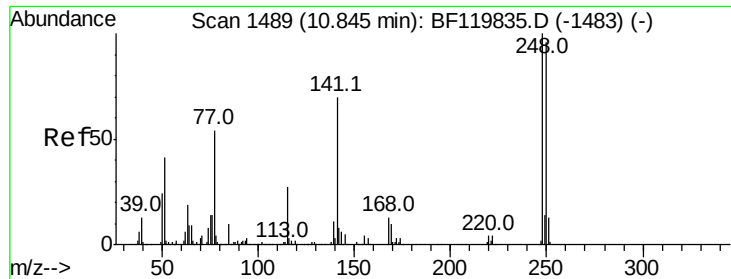
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.5	11.3
80	8.9	9.0	13.4#

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

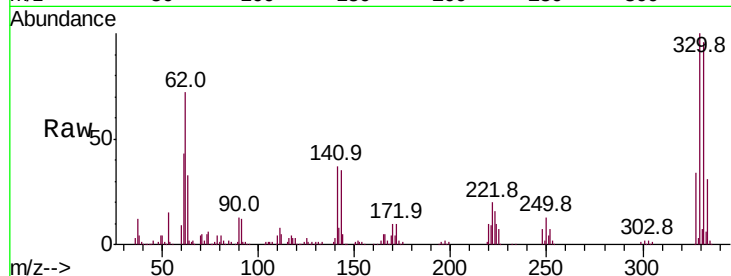




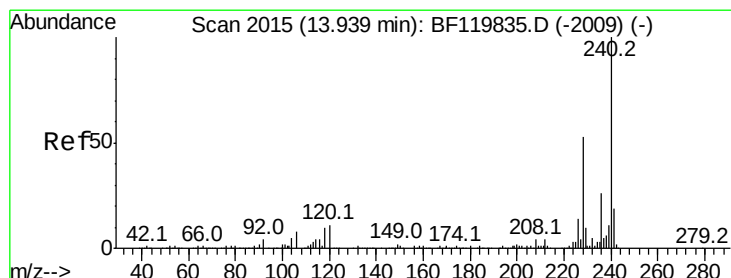
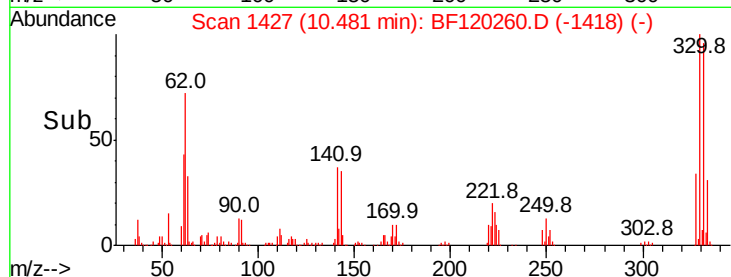
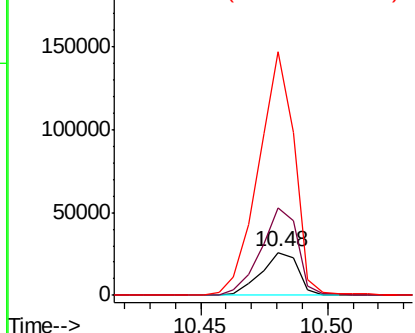
#67
 4-Bromophenyl-phenylether
 Concen: 3.746 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF120260.D
 Acq: 1 May 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 JHDS-SOUTH-D

Tot Ion:248 Resp: 26771
 Ion Ratio Lower Upper
 248 100
 250 203.1 77.3 115.9#
 141 564.0 58.6 87.8#

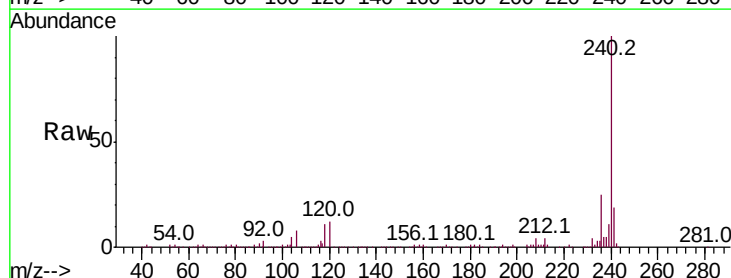


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

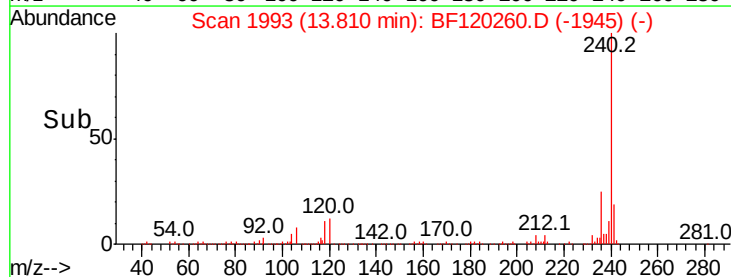
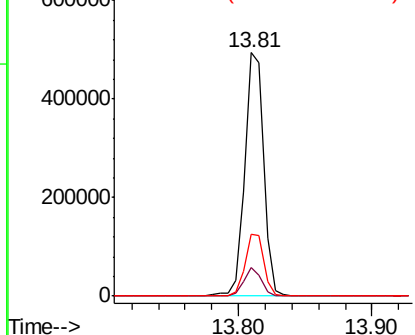


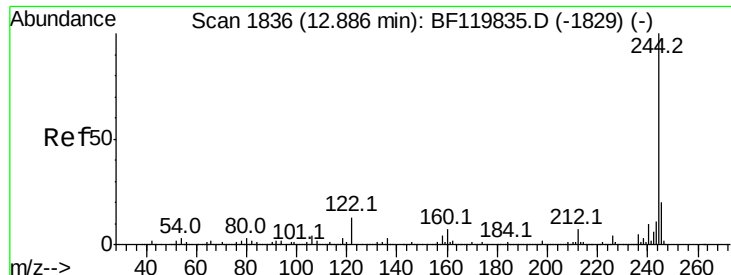
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF120260.D
 Acq: 1 May 2020 16:07

Tgt 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

Instrument :

BNA_F

ClientSampleID :

JHDS-SOUTH-D

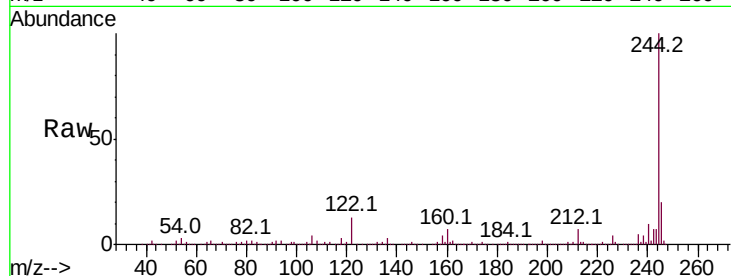
Tot Ion:244 Resp: 2274218

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

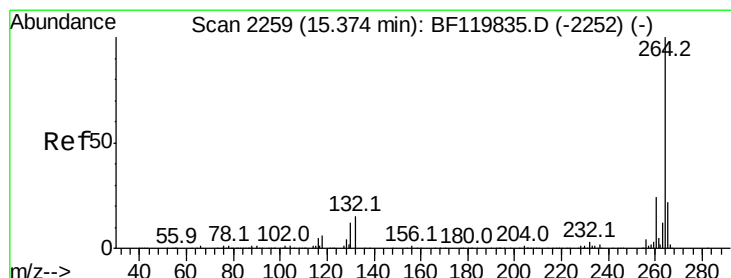
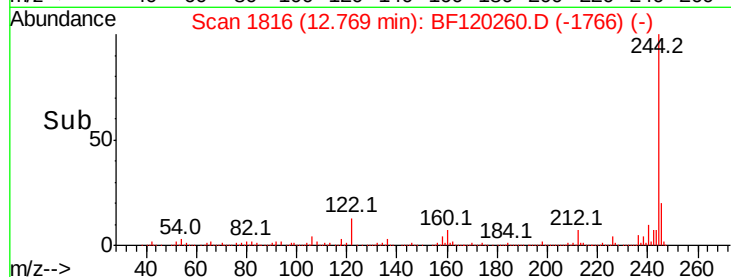
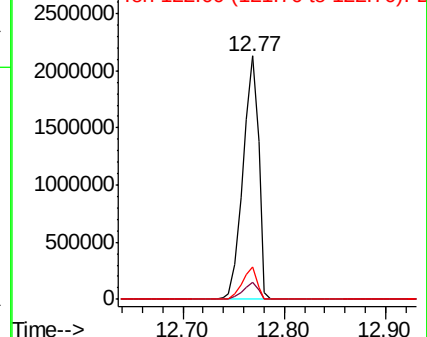
122 13.2 10.3 15.5



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

Perylene-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

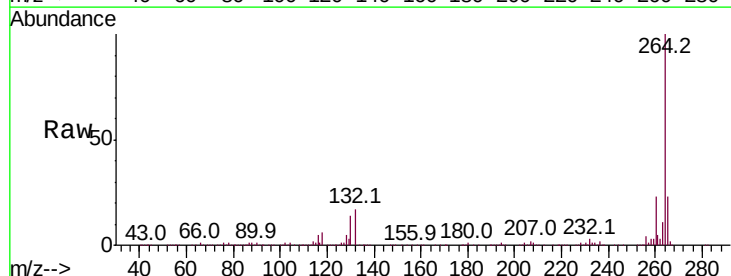
Tgt Ion:264 Resp: 409730

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

