

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120275.D
 Acq On : 1 May 2020 23:04
 Operator : MA/SJ
 Sample : L2122-11 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-043020

Quant Time: May 02 03:25:21 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	20353	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	77148	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	34297	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	59609	20.00	ng	0.00
76) Chrysene-d12	13.82	240	54691	20.00	ng	-0.01
87) Perylene-d12	15.22	264	54083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	33374	28.34	ng	0.00
7) Phenol-d6	6.31	99	44935	29.61	ng	0.00
23) Nitrobenzene-d5	7.21	82	23972	16.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.48	330	9845	23.45	ng	-0.01
45) 2-Fluorobiphenyl	9.01	172	62550	25.89	ng	-0.01
79) Terphenyl-d14	12.76	244	61130	18.81	ng	-0.01

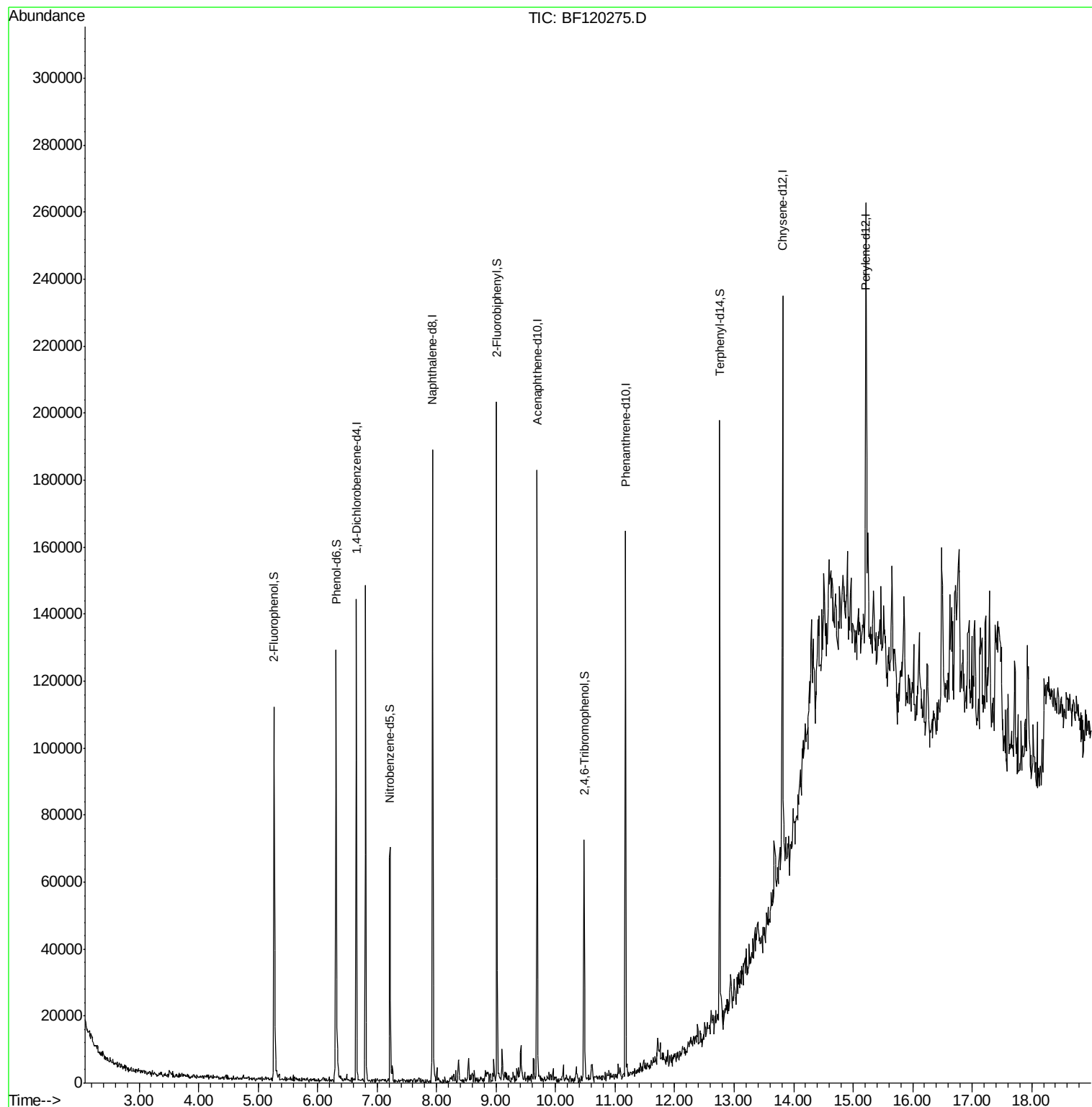
Target Compounds	Qvalue
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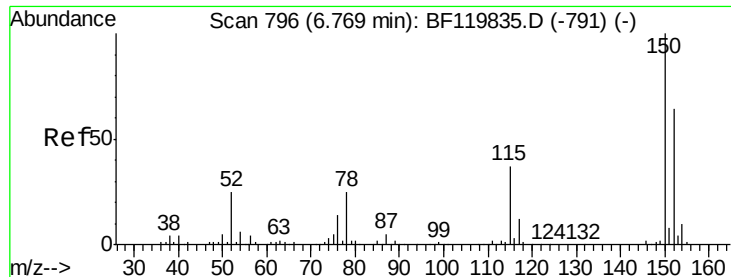
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SU-03-043020

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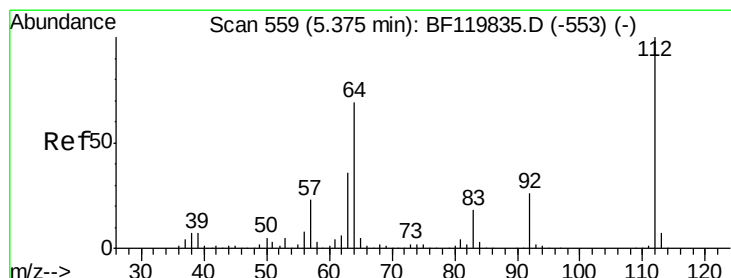
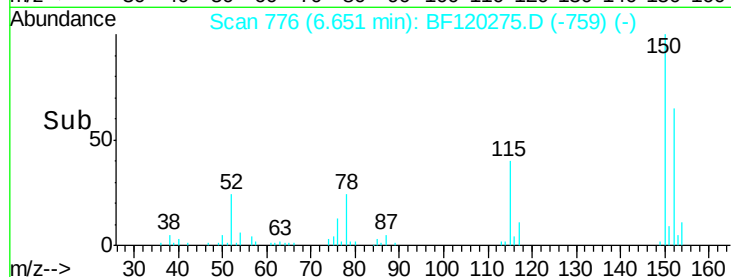
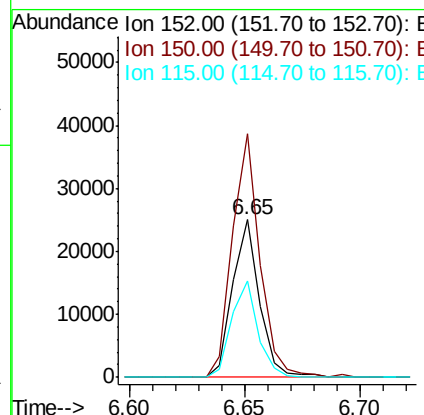
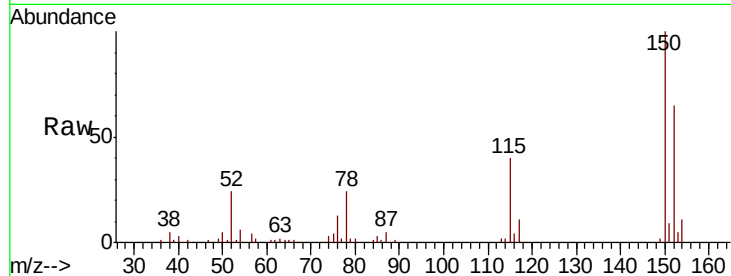


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF120275.D
Acq: 1 May 2020 23:04

Instrument :
BNA_F
ClientSampleId :
SU-03-043020

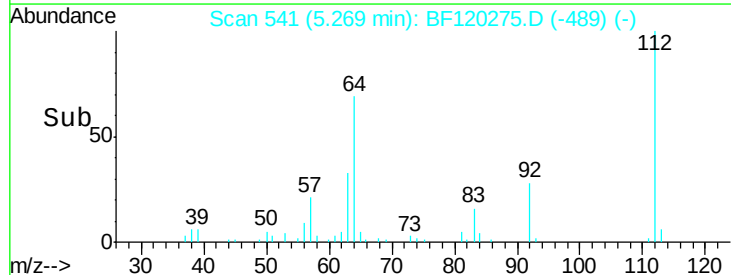
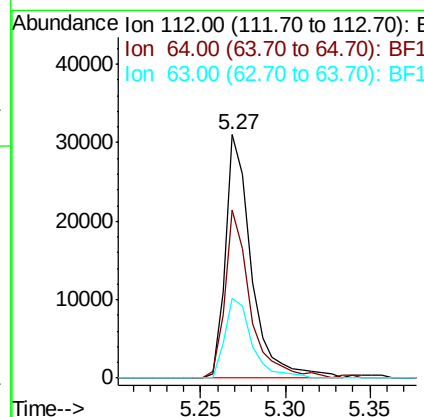
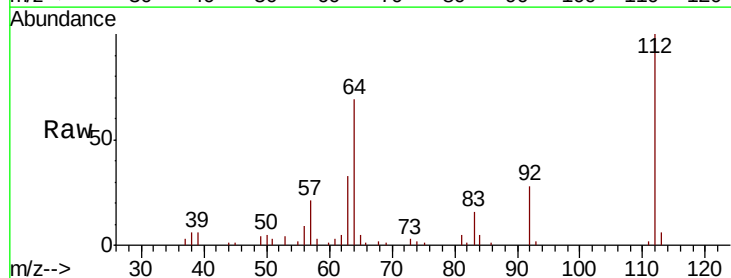
Tot Ion:152 Resp: 20353
Ion Ratio Lower Upper
152 100
150 154.3 124.5 186.7
115 61.2 49.6 74.4

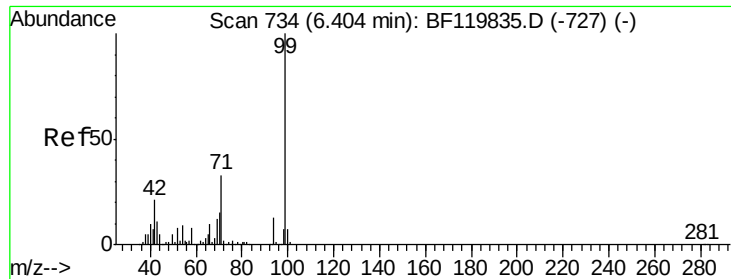


#5

2-Fluorophenol
Concen: 28.338 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF120275.D
Acq: 1 May 2020 23:04

Tgt Ion:112 Resp: 33374
Ion Ratio Lower Upper
112 100
64 69.0 56.7 85.1
63 33.0 29.5 44.3





#7

Phenol-d6

Concen: 29.610 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SU-03-043020

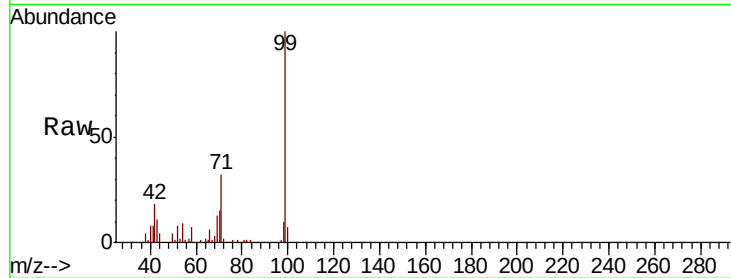
Tot Ion: 99 Resp: 44935

Ion Ratio Lower Upper

99 100

42 17.8 16.6 24.8

71 32.5 26.4 39.6

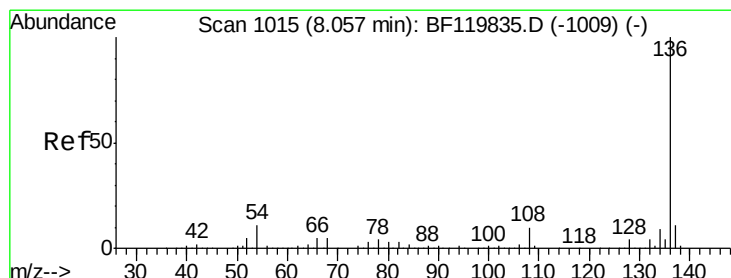
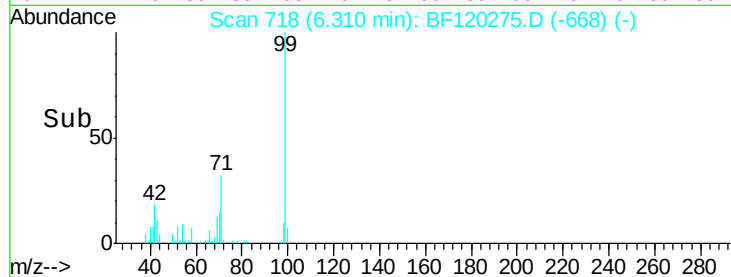
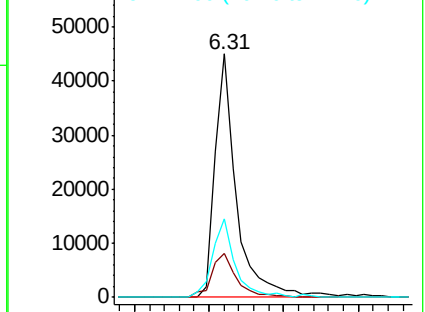


Abundance

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: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Tgt Ion: 136 Resp: 77148

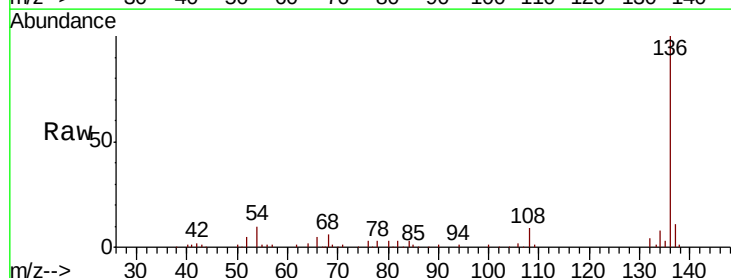
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.4 9.1 13.7

68 6.0 4.6 6.8



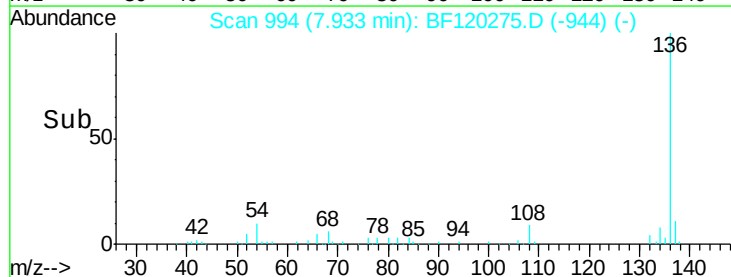
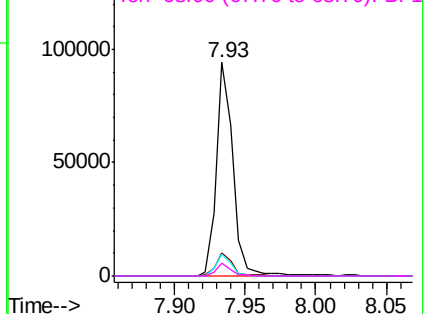
Abundance

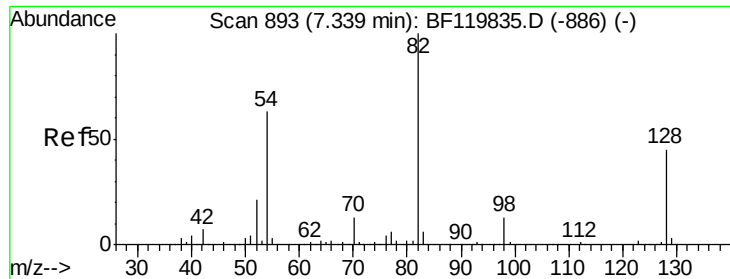
Ion 136.00 (135.70 to 136.70): BF1

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

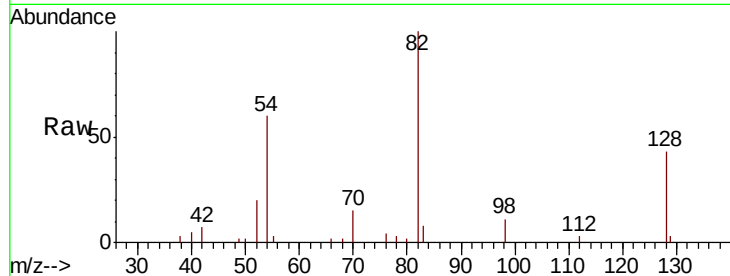




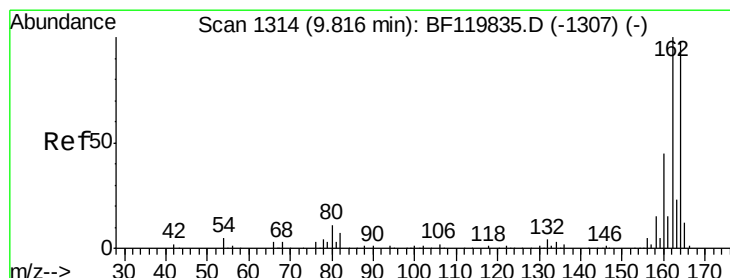
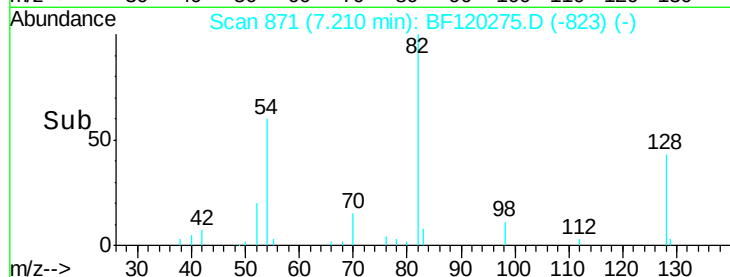
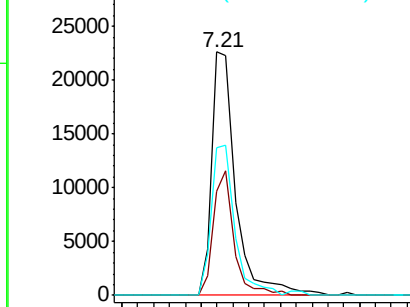
#23
 Nitrobenzene-d5
 Concen: 16.075 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.02 min
 Lab File: BF120275.D
 Acq: 1 May 2020 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-043020

Tot Ion: 82 Resp: 23972
 Ion Ratio Lower Upper
 82 100
 128 42.9 36.3 54.5
 54 60.5 50.6 75.8

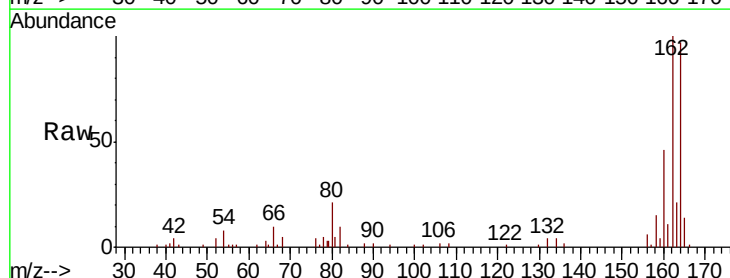


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

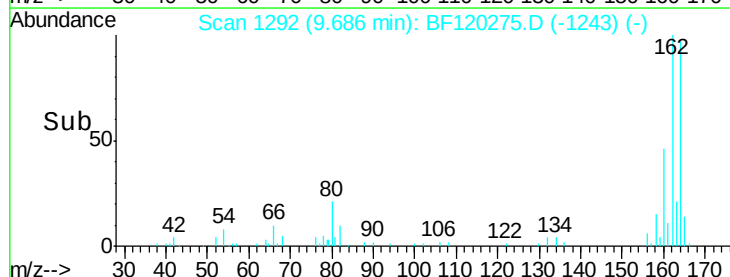
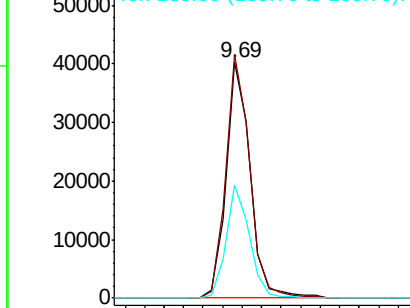


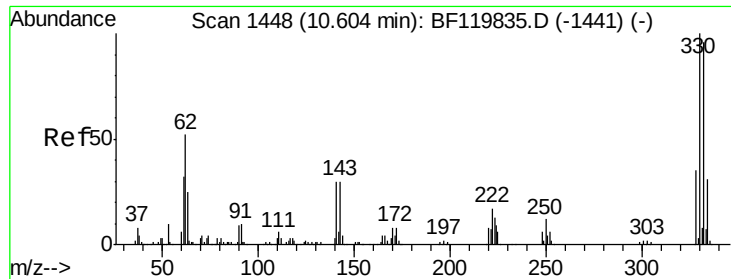
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF120275.D
 Acq: 1 May 2020 23:04

Tgt Ion: 164 Resp: 34297
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.6 121.0
 160 47.8 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

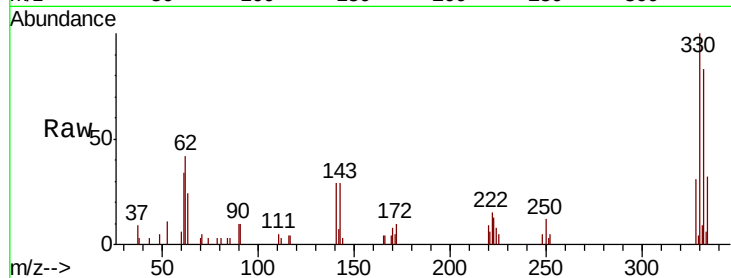




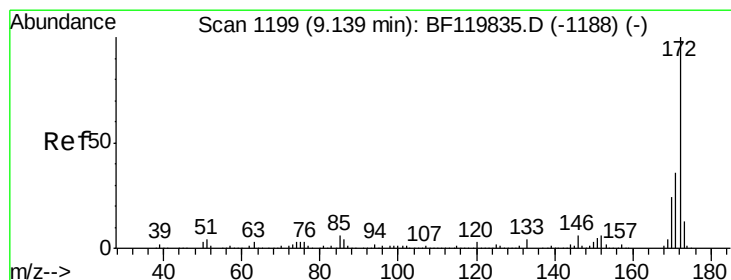
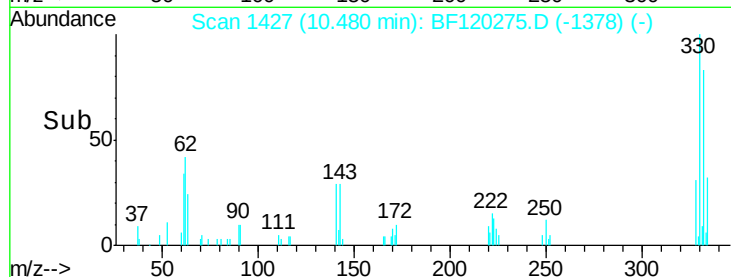
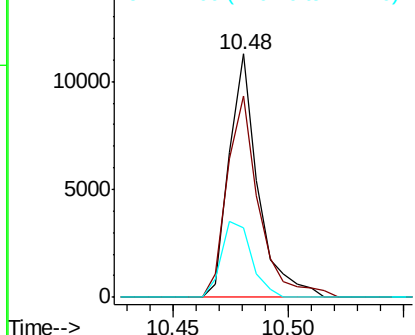
#42
 2,4,6-Tribromophenol
 Concen: 23.445 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120275.D
 Acq: 1 May 2020 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-043020

Tot Ion:330 Resp: 9845
 Ion Ratio Lower Upper
 330 100
 332 90.6 75.7 113.5
 141 32.5 25.4 38.0

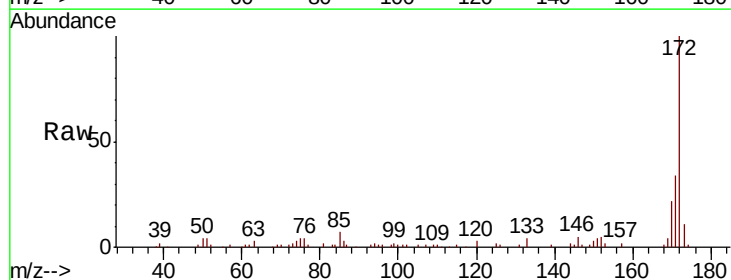


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

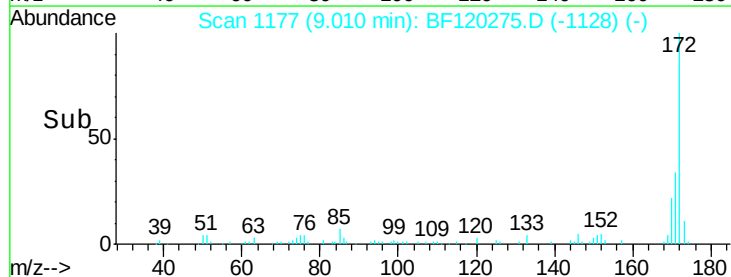
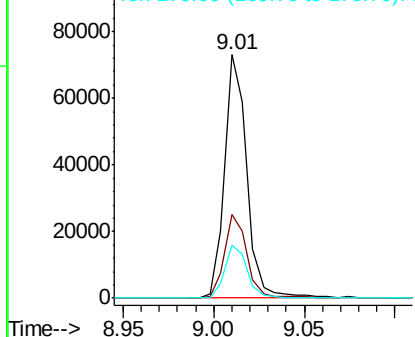


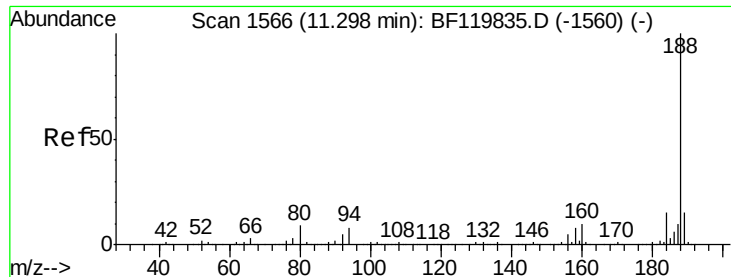
#45
 2-Fluorobiphenyl
 Concen: 25.894 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF120275.D
 Acq: 1 May 2020 23:04

Tgt Ion:172 Resp: 62550
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.6 44.4
 170 21.9 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SU-03-043020

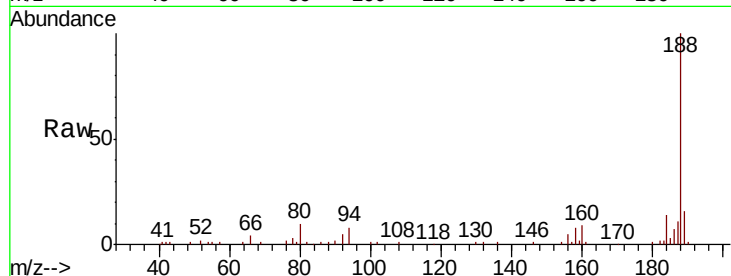
Tot Ion:188 Resp: 59609

Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

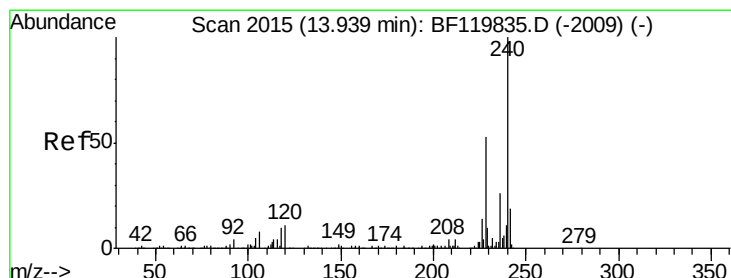
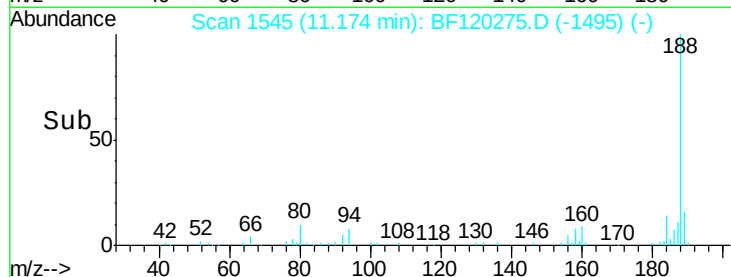
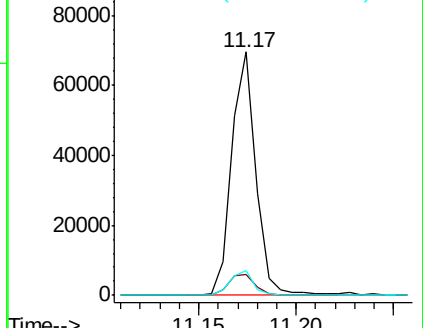
80 10.3 9.0 13.4



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: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

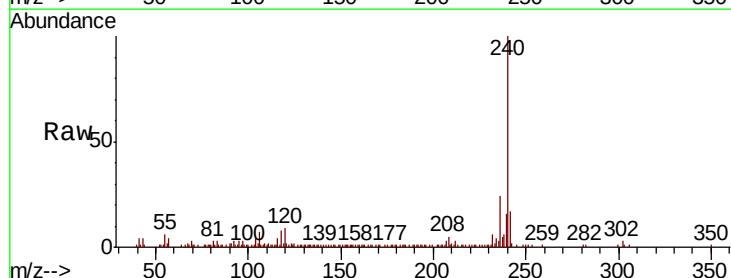
Tgt Ion:240 Resp: 54691

Ion Ratio Lower Upper

240 100

120 9.1 10.6 15.8#

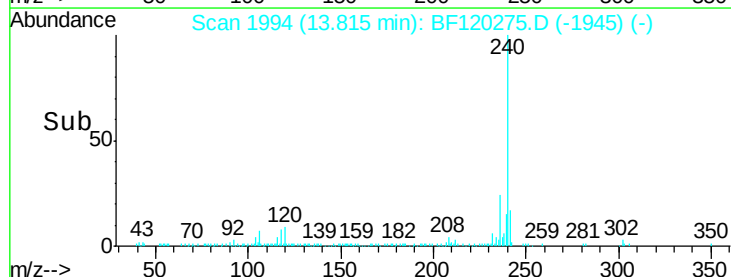
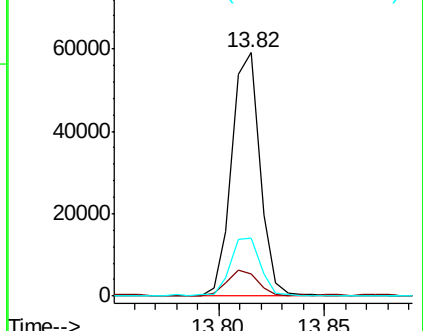
236 23.8 20.2 30.2

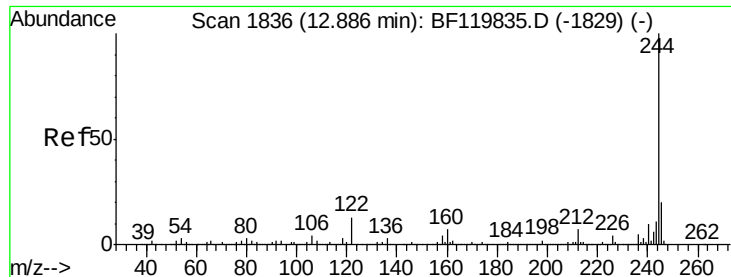


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 18.808 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF120275.D

Acq: 1 May 2020 23:04

Instrument :

BNA_F

ClientSampleId :

SU-03-043020

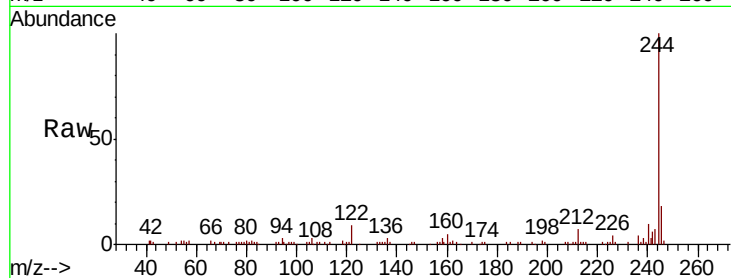
Tot Ion:244 Resp: 61130

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

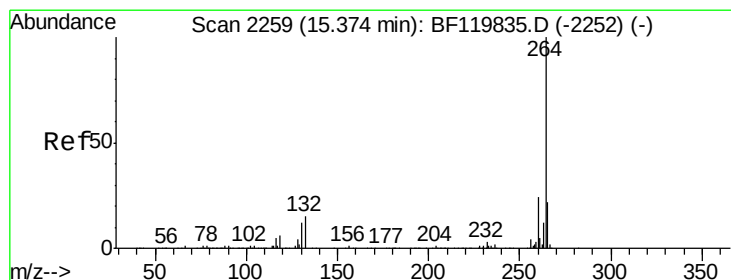
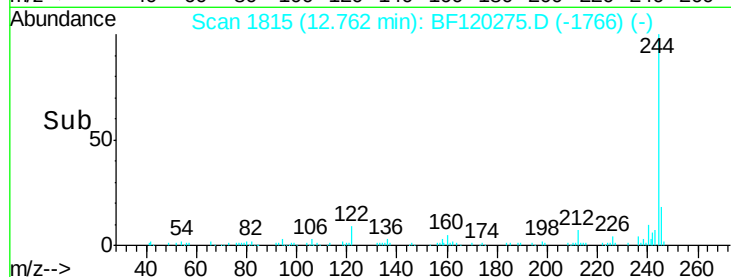
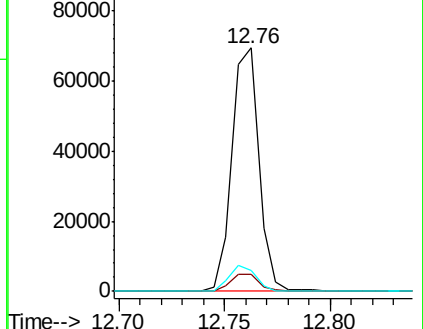
122 8.7 10.3 15.5#



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: BF120275.D

Acq: 1 May 2020 23:04

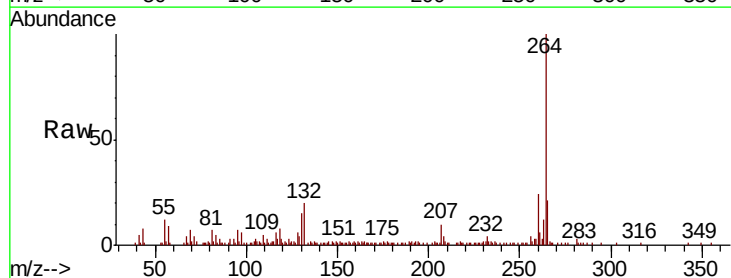
Tgt Ion:264 Resp: 54083

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.1 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

