

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120034.D
 Acq On : 16 Apr 2020 14:21
 Operator : MA/SJ
 Sample : L2122-06 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-041020

Quant Time: Apr 17 01:22:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 10:48:04 2020
 Response via : Initial Calibration

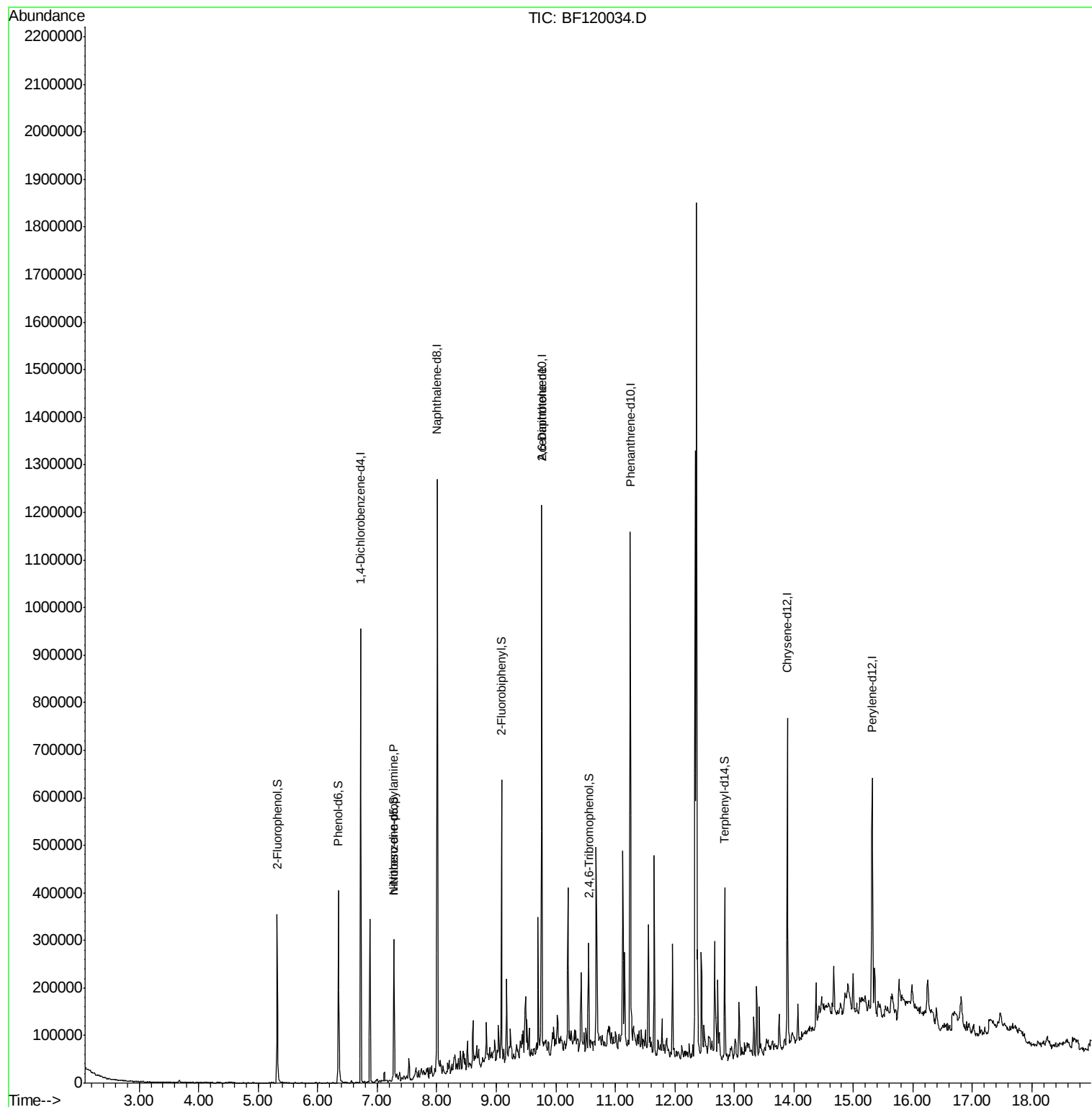
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125959	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	491245	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	210893	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	376428	20.00	ng	0.00
76) Chrysene-d12	13.89	240	232681	20.00	ng	0.00
87) Perylene-d12	15.32	264	213538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	100864	13.84	ng	0.00
7) Phenol-d6	6.35	99	119669	12.74	ng	-0.01
23) Nitrobenzene-d5	7.28	82	80935	8.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	19824	7.68	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	158613	10.68	ng	0.00
79) Terphenyl-d14	12.84	244	116050	8.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	12245	2.028	ng	# 77
51) 2,6-Dinitrotoluene	9.76	165	29323	8.209	ng	# 20

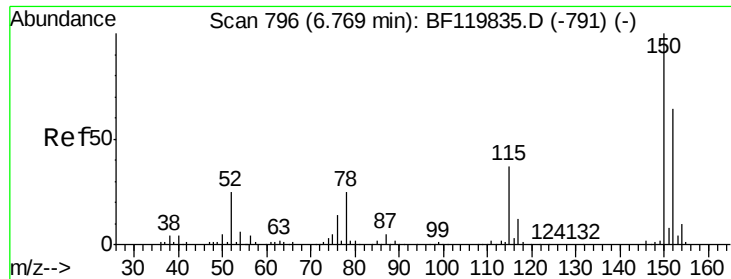
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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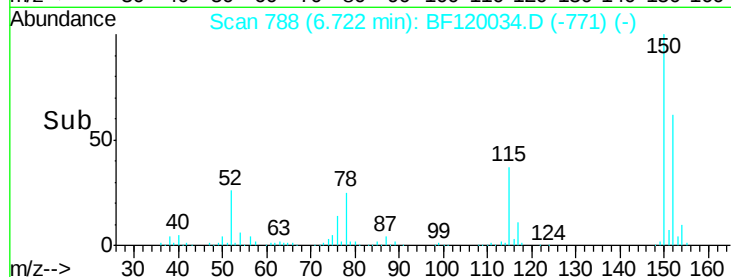
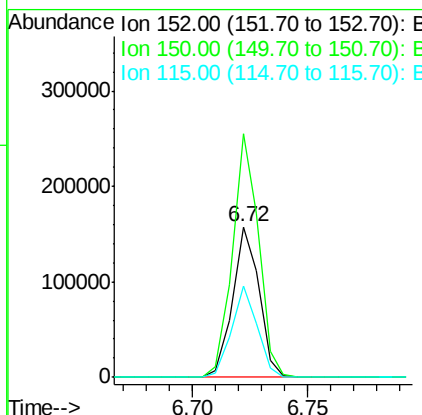
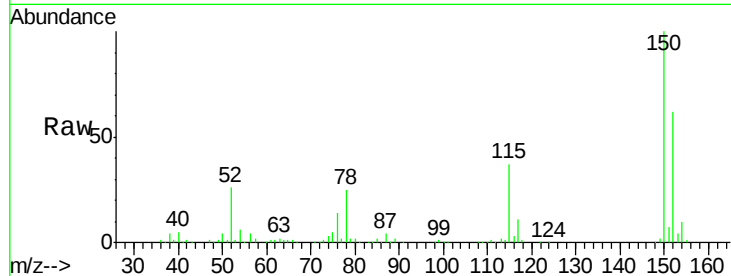


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF120034.D
Acq: 16 Apr 2020 14:21

Instrument :
BNA_F
ClientSampleId :
SU-04-041020

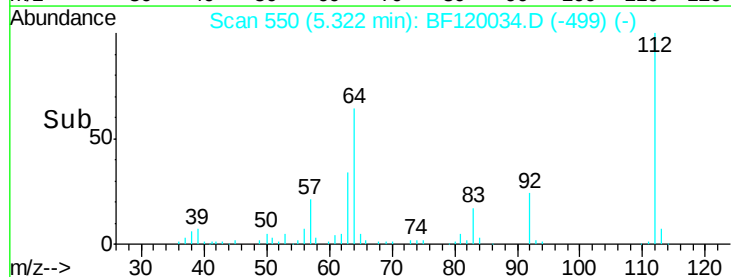
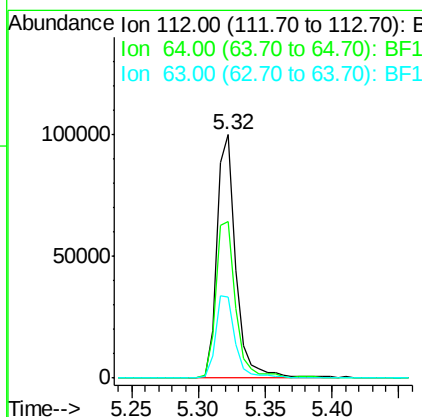
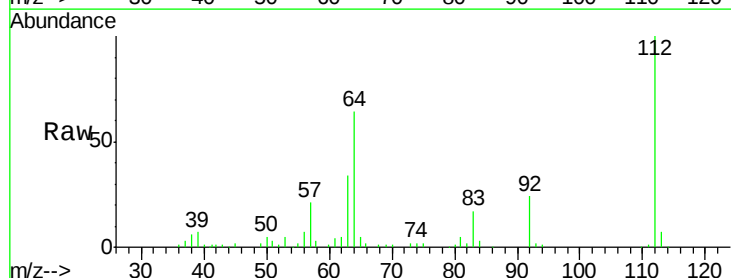
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.8	187.2
115	60.6	46.5	69.7



#5

2-Fluorophenol
Concen: 13.839 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF120034.D
Acq: 16 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	55.5	83.3
63	33.6	29.1	43.7





#7

Phenol-d6

Concen: 12.742 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120034.D

Acq: 16 Apr 2020 14:21

Instrument :

BNA_F

ClientSampleId :

SU-04-041020

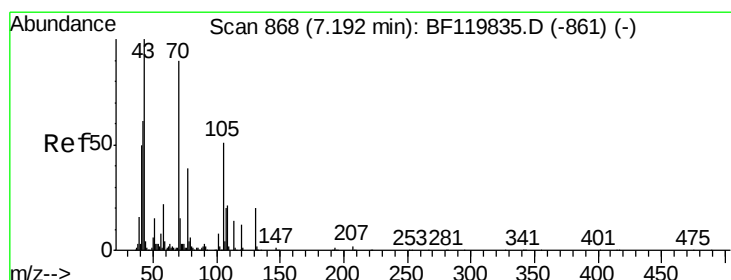
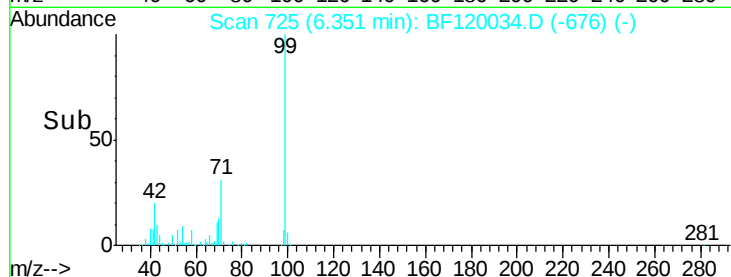
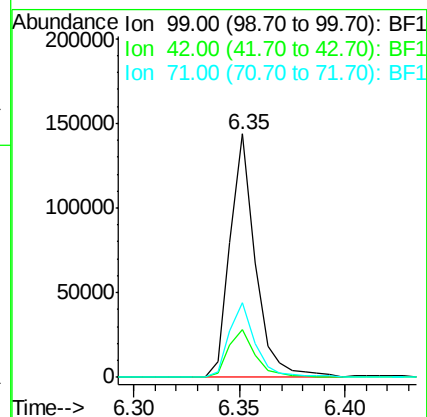
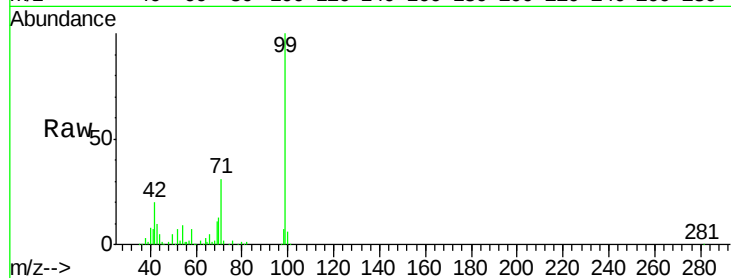
Tot Ion: 99 Resp: 119669

Ion Ratio Lower Upper

99 100

42 19.8 16.9 25.3

71 30.9 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.028 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF120034.D

Acq: 16 Apr 2020 14:21

Tgt Ion: 70 Resp: 12245

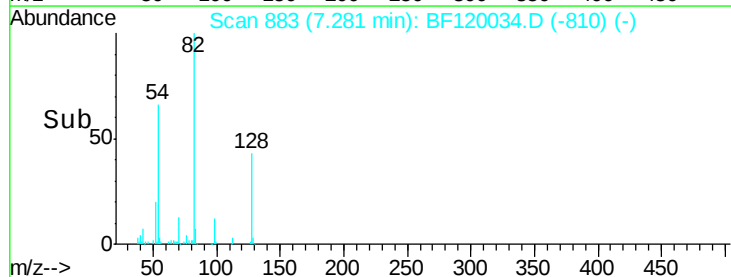
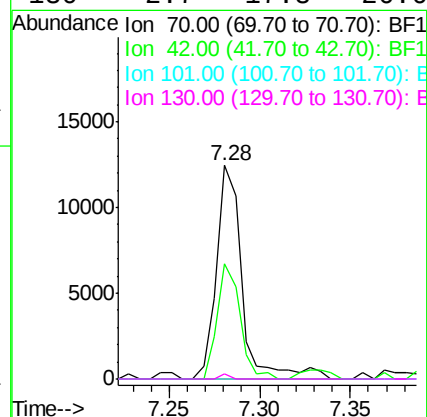
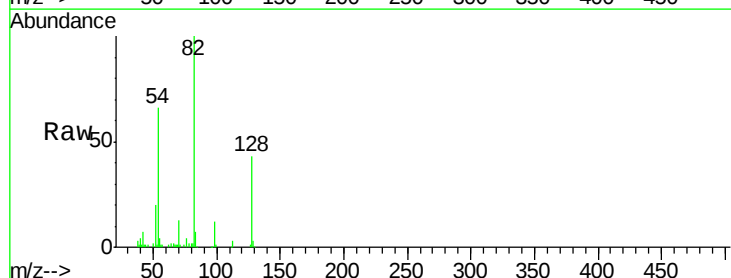
Ion Ratio Lower Upper

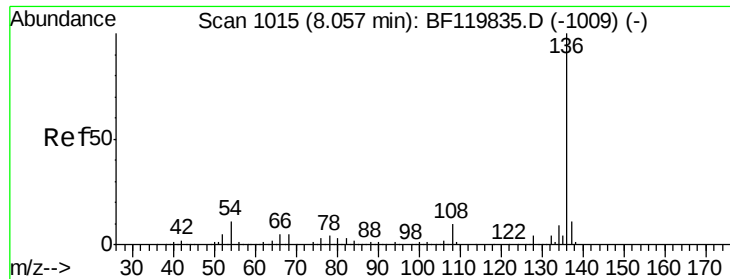
70 100

42 53.7 54.2 81.4#

101 0.0 7.4 11.2#

130 2.7 17.8 26.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF120034.D

Acq: 16 Apr 2020 14:21

Instrument :

BNA_F

ClientSampleId :

SU-04-041020

Tot Ion:136 Resp: 491245

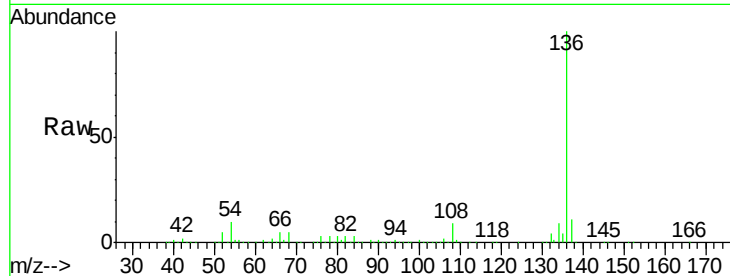
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.7 8.5 12.7

68 5.0 3.9 5.9

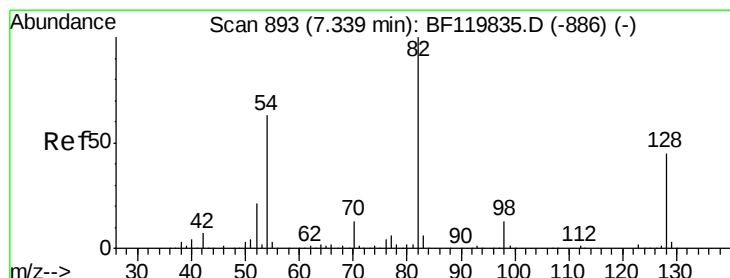
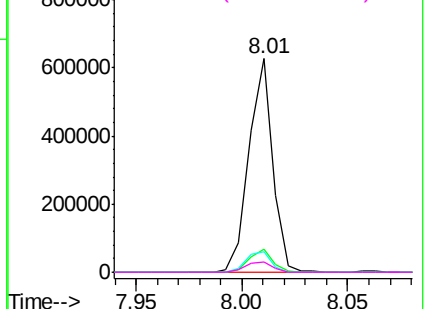
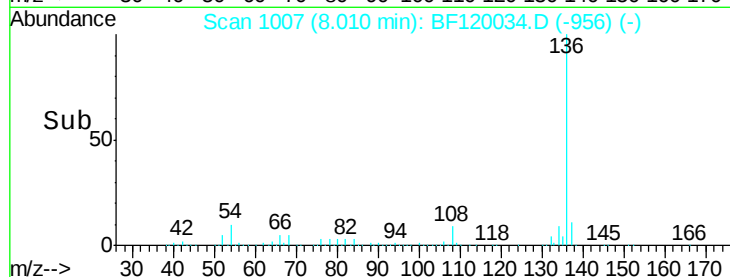


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.523 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF120034.D

Acq: 16 Apr 2020 14:21

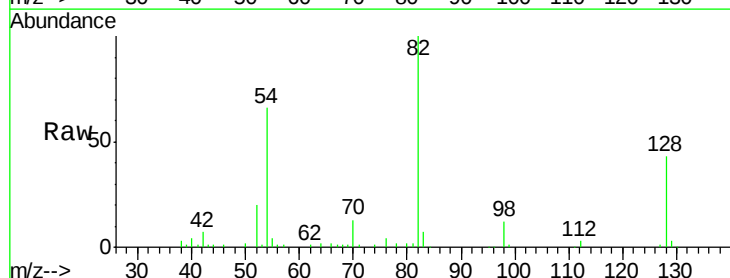
Tgt Ion: 82 Resp: 80935

Ion Ratio Lower Upper

82 100

128 43.3 36.2 54.4

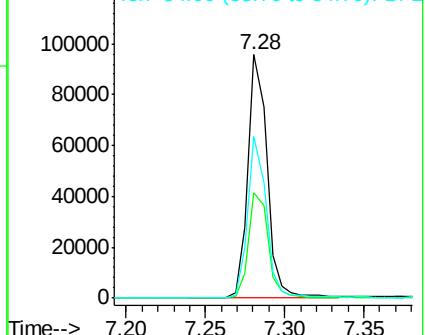
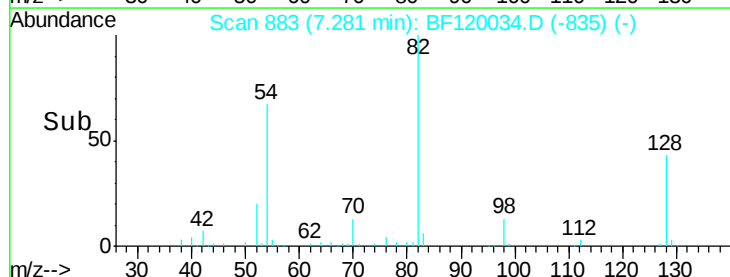
54 66.3 50.4 75.6

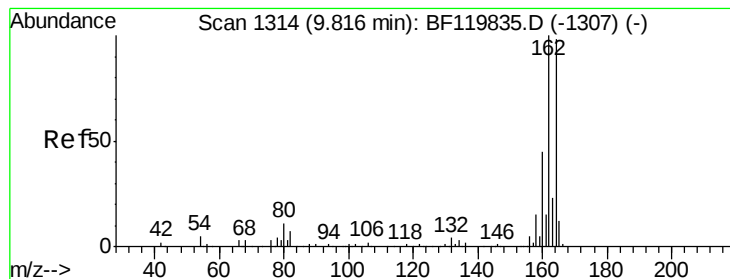


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF120034.D

Acq: 16 Apr 2020 14:21

Instrument :

BNA_F

ClientSampleId :

SU-04-041020

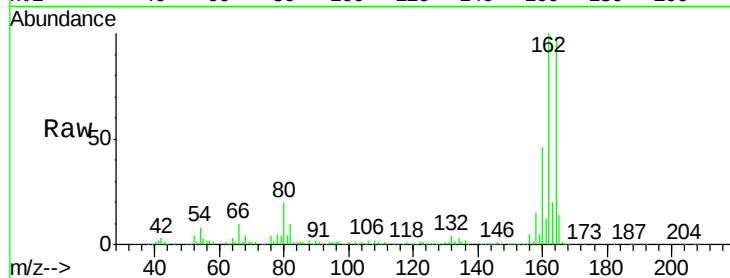
Tot Ion:164 Resp: 210893

Ion Ratio Lower Upper

164 100

162 101.5 81.9 122.9

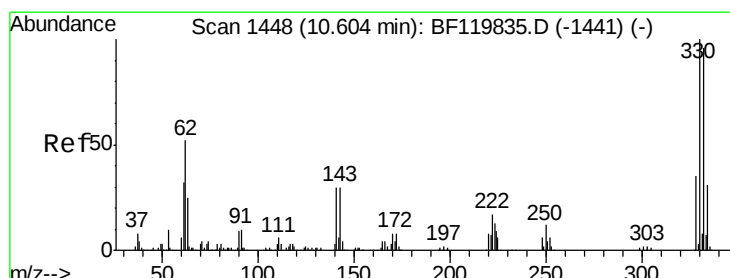
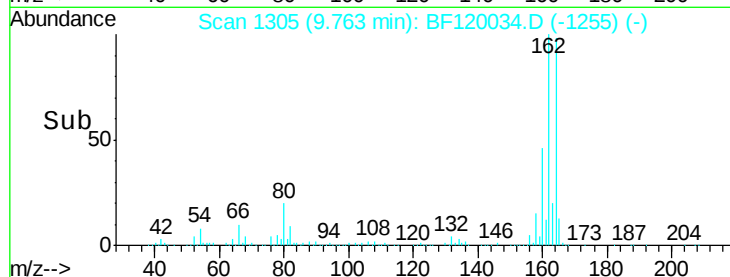
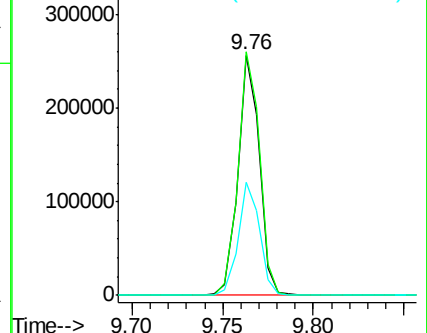
160 46.9 36.6 54.8



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: 7.678 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF120034.D

Acq: 16 Apr 2020 14:21

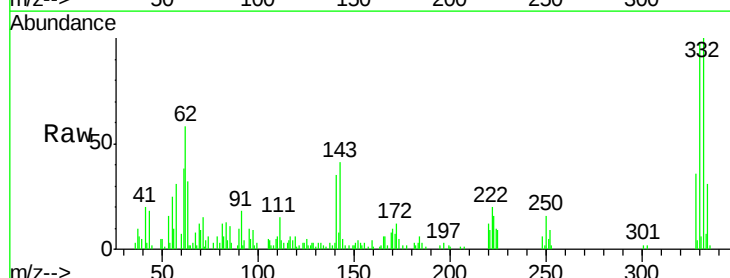
Tgt Ion:330 Resp: 19824

Ion Ratio Lower Upper

330 100

332 99.8 76.8 115.2

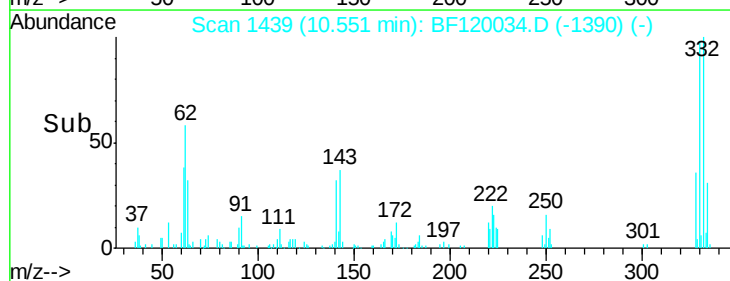
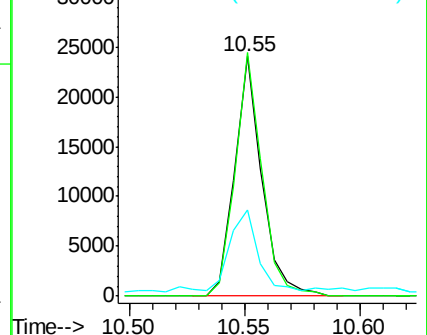
141 36.3 25.1 37.7

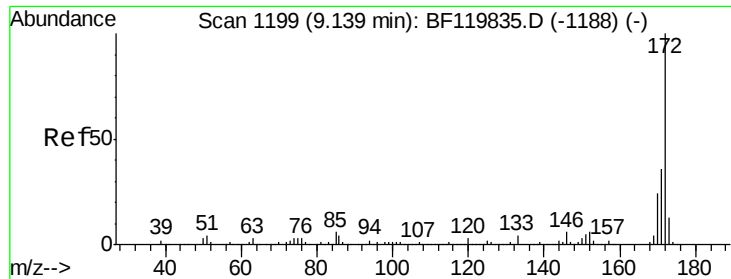


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

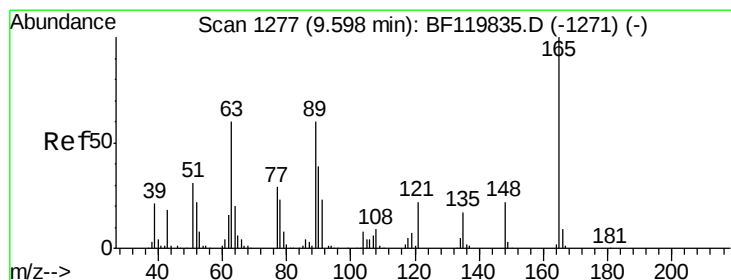
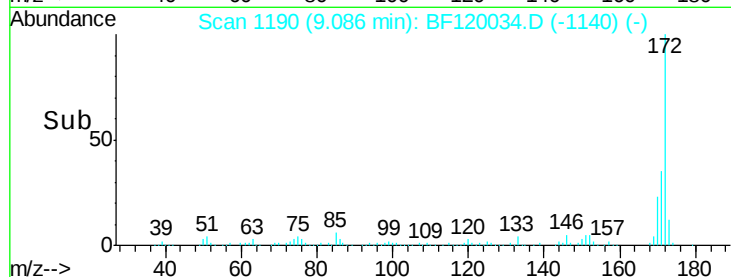
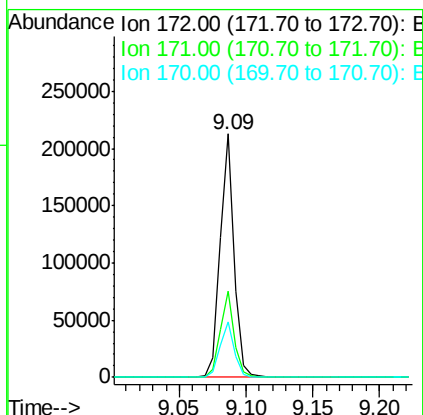
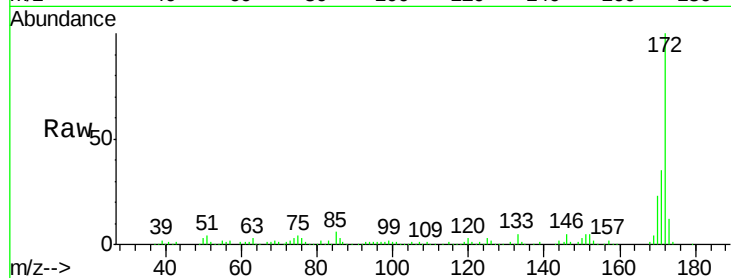




#45
2-Fluorobiphenyl
Concen: 10.678 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF120034.D
Acq: 16 Apr 2020 14:21

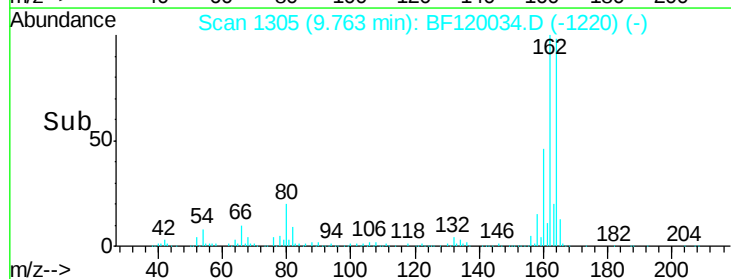
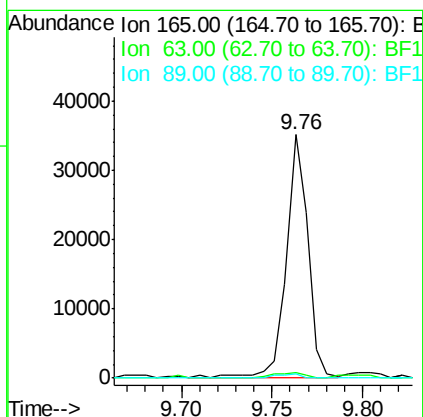
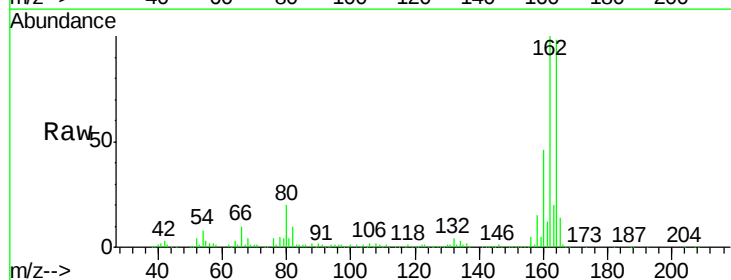
Instrument :
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SU-04-041020

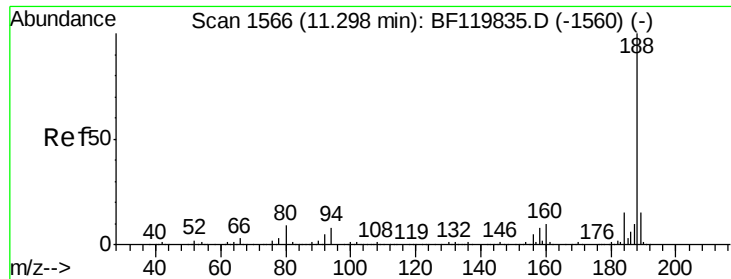
Tot Ion:172 Resp: 158613
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 8.209 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF120034.D
Acq: 16 Apr 2020 14:21

Tgt Ion:165 Resp: 29323
Ion Ratio Lower Upper
165 100
63 2.5 55.6 83.4#
89 1.6 47.9 71.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF120034.D

Acq: 16 Apr 2020 14:21

Instrument :

BNA_F

ClientSampleId :

SU-04-041020

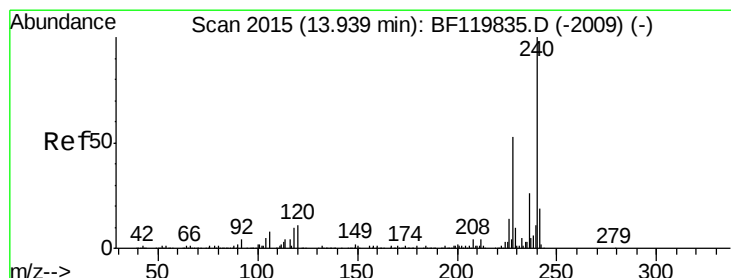
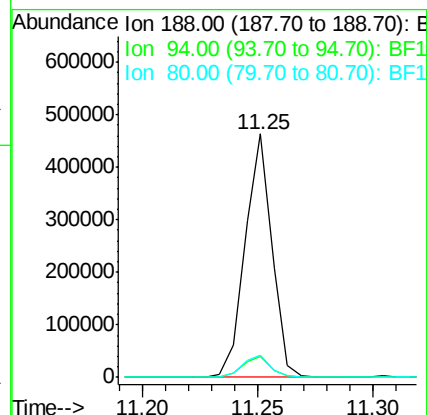
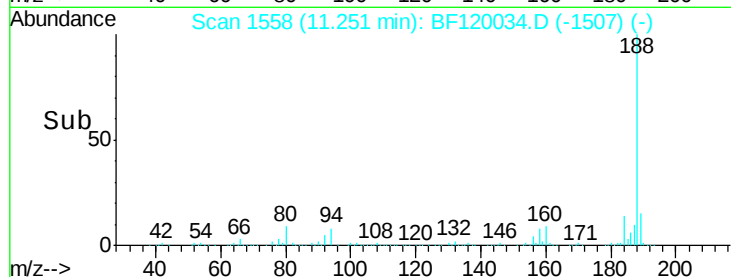
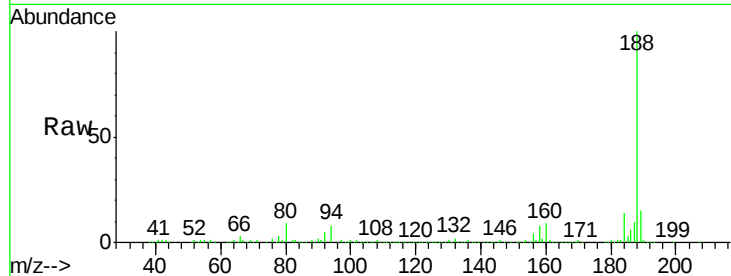
Tot Ion:188 Resp: 376428

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

80 8.9 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF120034.D

Acq: 16 Apr 2020 14:21

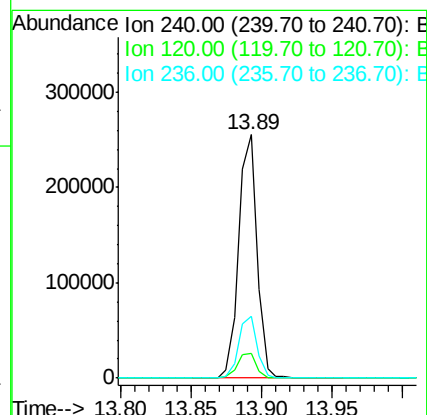
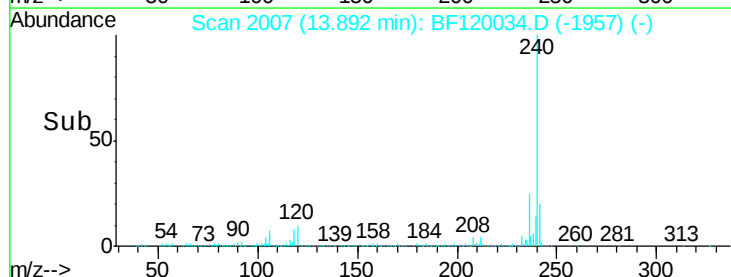
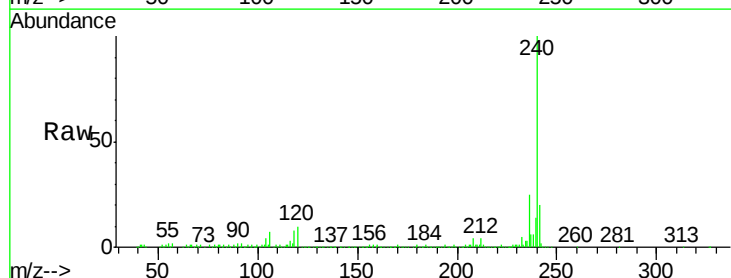
Tgt Ion:240 Resp: 232681

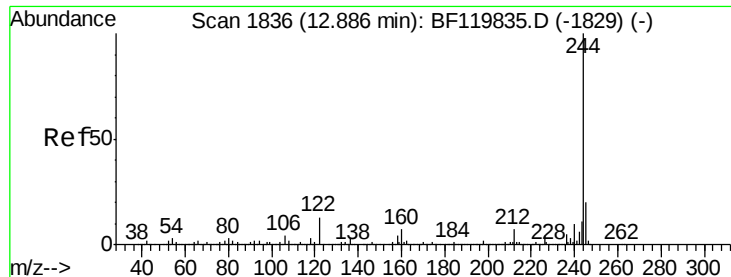
Ion Ratio Lower Upper

240 100

120 10.1 9.0 13.6

236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 8.392 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF120034.D

Acq: 16 Apr 2020 14:21

Instrument :

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SU-04-041020

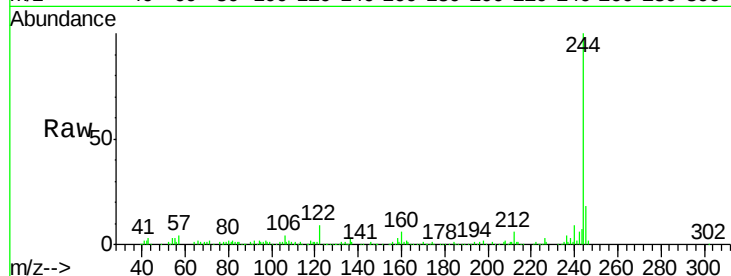
Tot Ion:244 Resp: 116050

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 9.4 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

150000

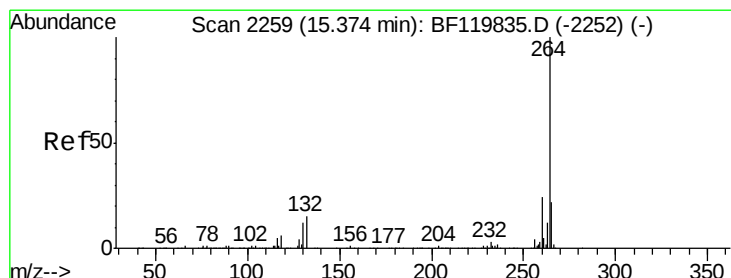
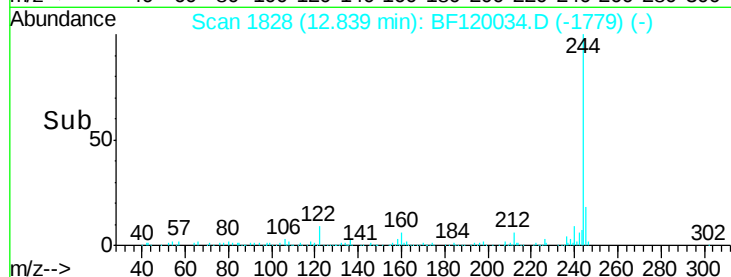
12.84

100000

50000

0

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF120034.D

Acq: 16 Apr 2020 14:21

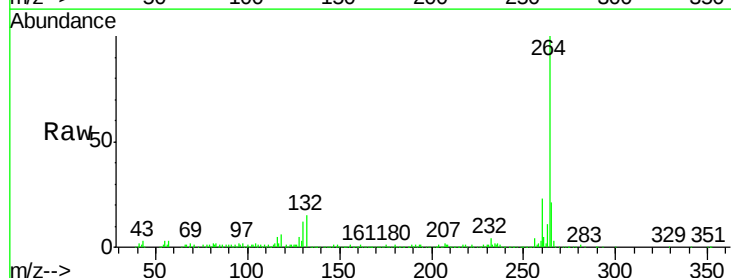
Tgt Ion:264 Resp: 213538

Ion Ratio Lower Upper

264 100

260 22.7 19.3 28.9

265 20.6 17.6 26.4



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

250000

15.32

200000

150000

100000

50000

0

Time-->

