

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120015.D
 Acq On : 16 Apr 2020 1:58
 Operator : MA/SJ
 Sample : L2122-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-041020

Quant Time: Apr 16 05:14:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182077	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	705015	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	377969	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	756369	20.00	ng	0.00
76) Chrysene-d12	13.89	240	552924	20.00	ng	-0.01
87) Perylene-d12	15.31	264	407732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1470592	139.58	ng	0.00
7) Phenol-d6	6.36	99	1688153	124.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	1254475	92.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	557112	120.39	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2374919	89.21	ng	0.00
79) Terphenyl-d14	12.85	244	2822301	85.89	ng	0.00

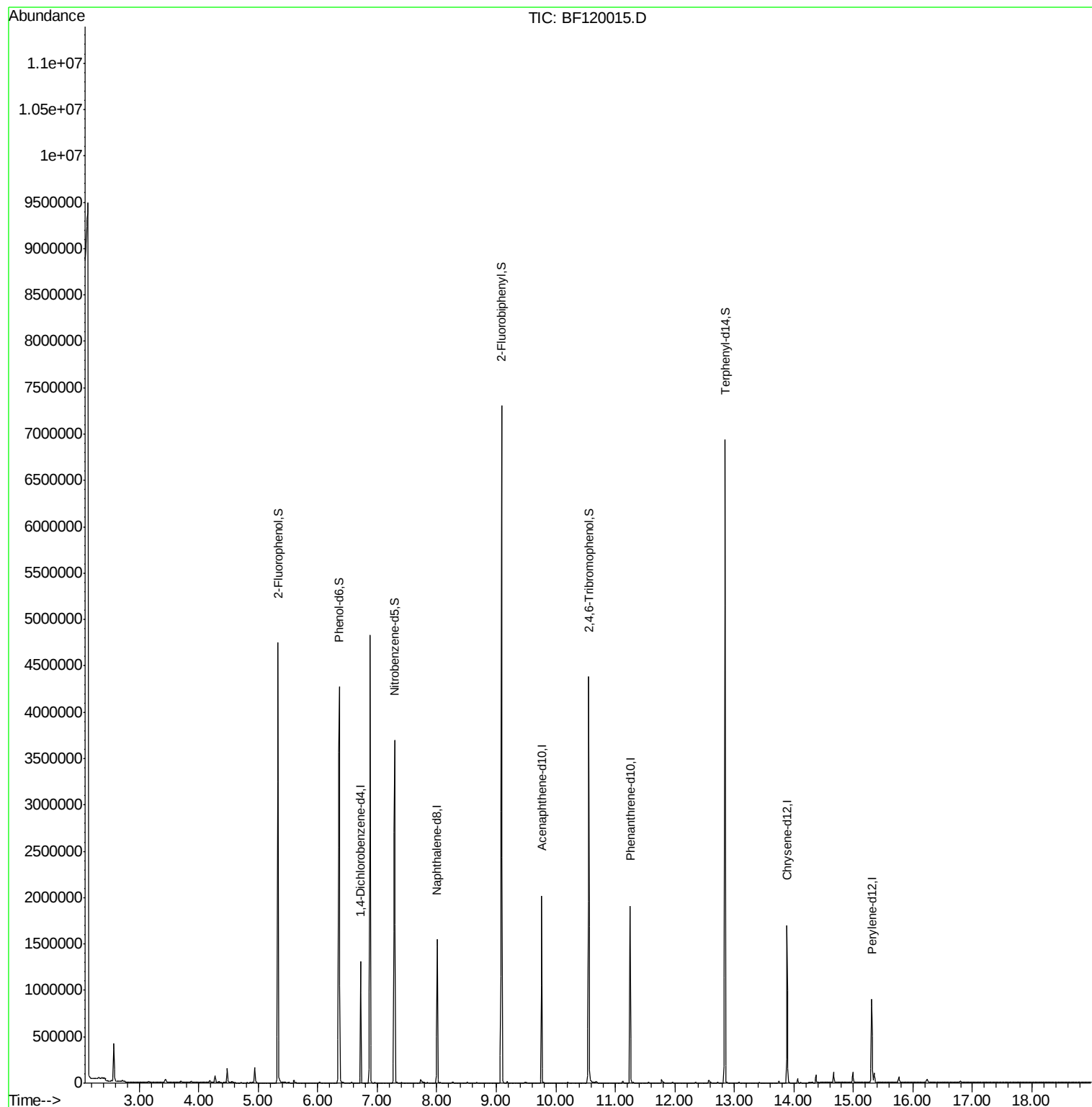
Target Compounds Qvalue

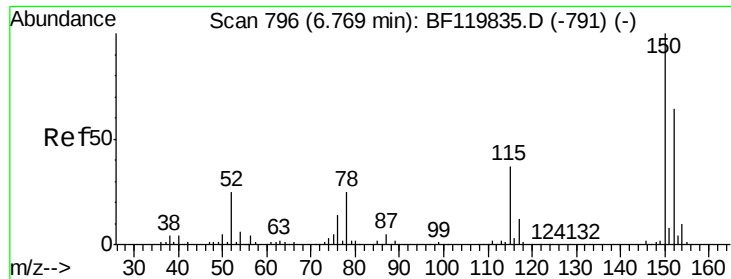
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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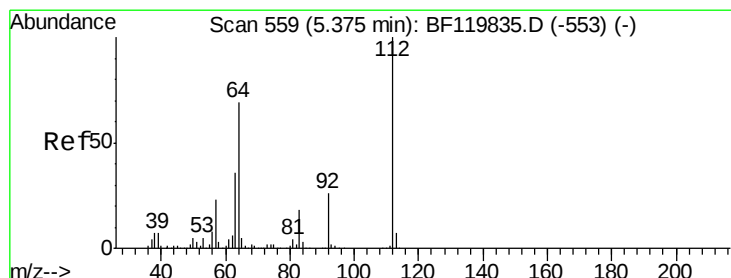
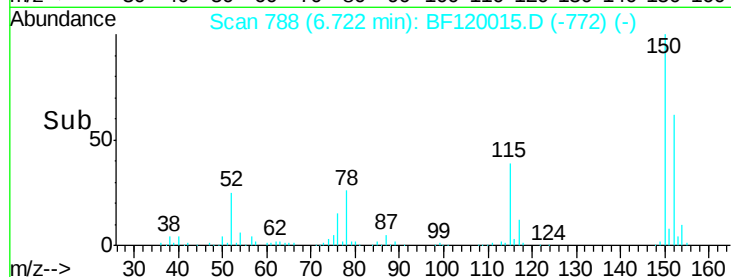
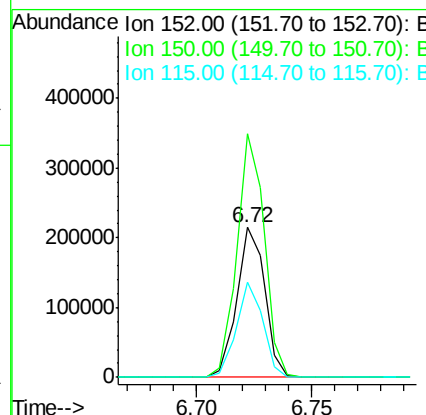
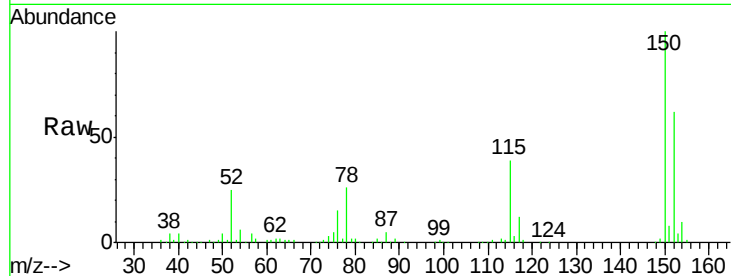


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120015.D
Acq: 16 Apr 2020 1:58

Instrument :
BNA_F
ClientSampleId :
SU-04-041020

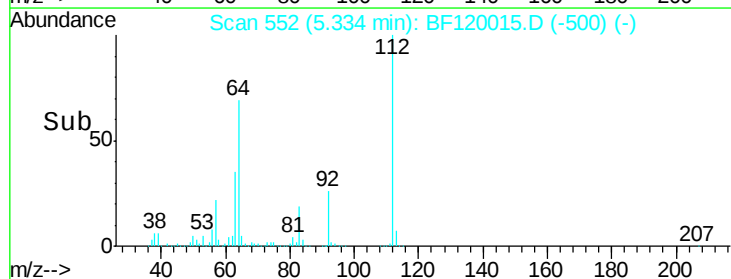
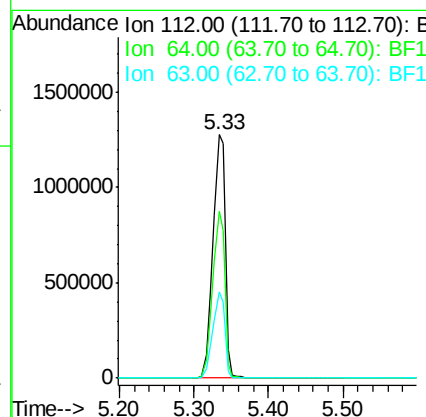
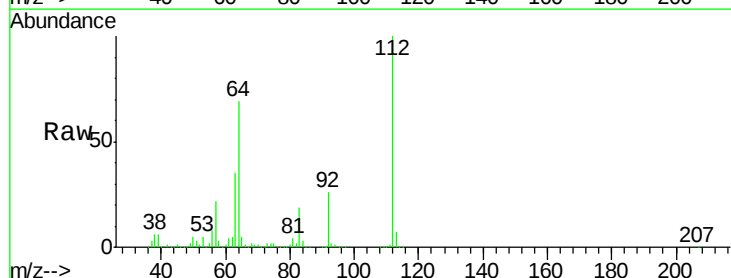
Tot Ion:152 Resp: 182077
Ion Ratio Lower Upper
152 100
150 162.2 124.8 187.2
115 63.1 46.5 69.7



#5

2-Fluorophenol
Concen: 139.581 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120015.D
Acq: 16 Apr 2020 1:58

Tgt Ion:112 Resp: 1470592
Ion Ratio Lower Upper
112 100
64 68.6 55.5 83.3
63 35.4 29.1 43.7





#7

Phenol-d6

Concen: 124.350 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

Instrument :

BNA_F

ClientSampleId :

SU-04-041020

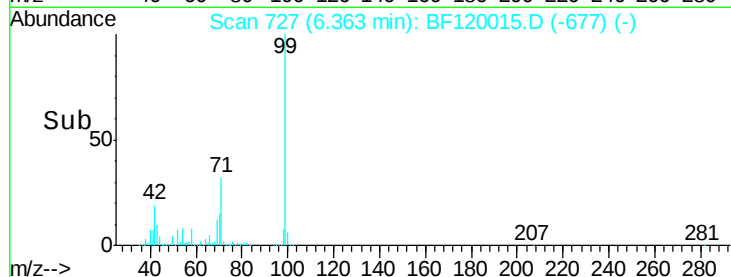
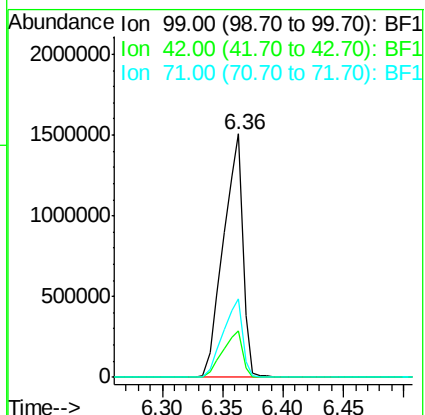
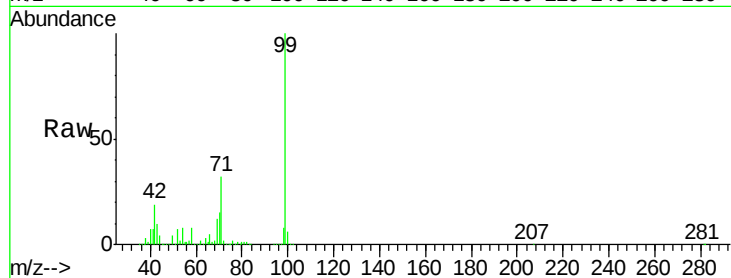
Tot Ion: 99 Resp: 1688153

Ion Ratio Lower Upper

99 100

42 19.0 16.9 25.3

71 32.4 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

Tgt Ion: 136 Resp: 705015

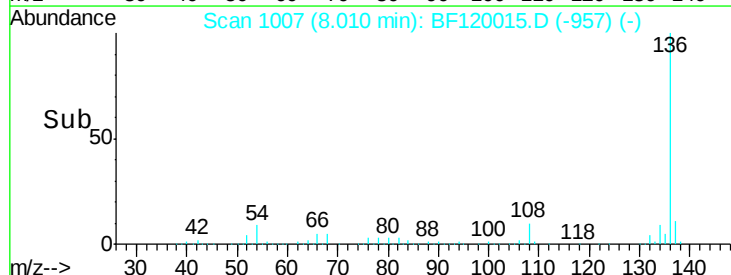
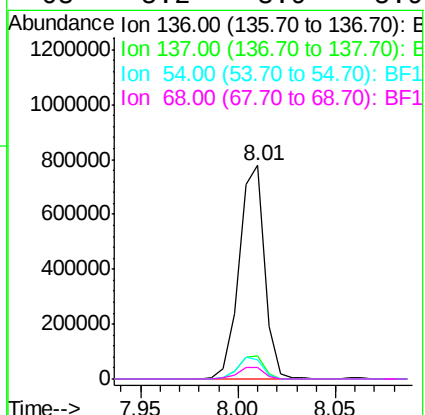
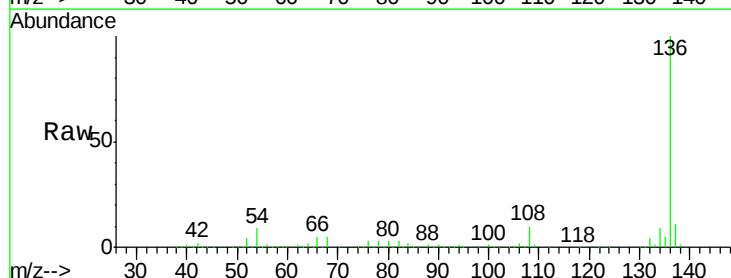
Ion Ratio Lower Upper

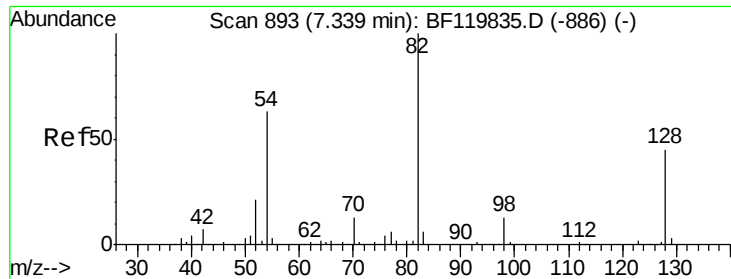
136 100

137 10.6 8.7 13.1

54 8.8 8.5 12.7

68 5.2 3.9 5.9

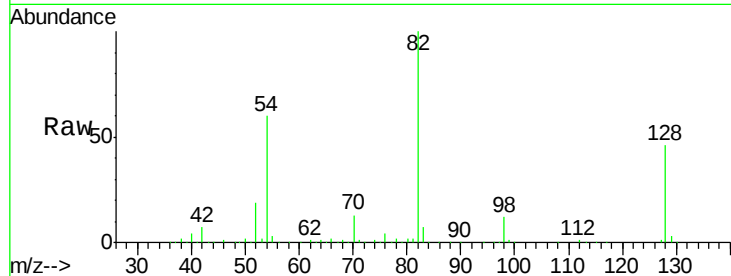




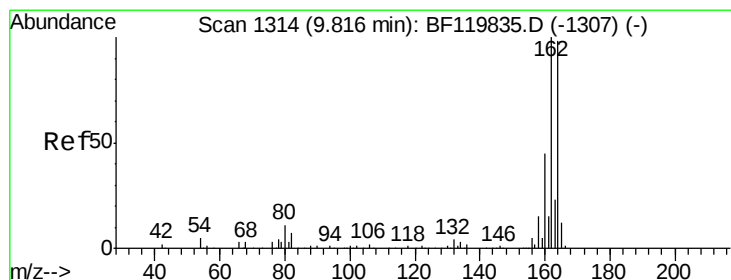
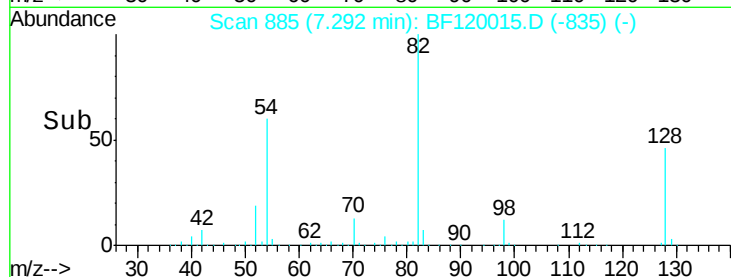
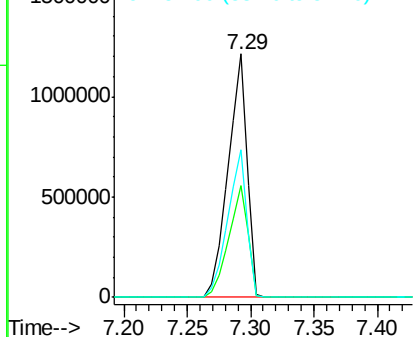
#23
Nitrobenzene-d5
Concen: 92.053 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120015.D
Acq: 16 Apr 2020 1:58

Instrument :
BNA_F
ClientSampleId :
SU-04-041020

Tot Ion: 82 Resp: 1254475
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.4
54 60.4 50.4 75.6

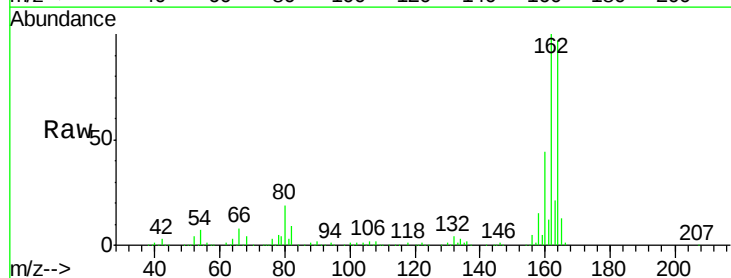


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

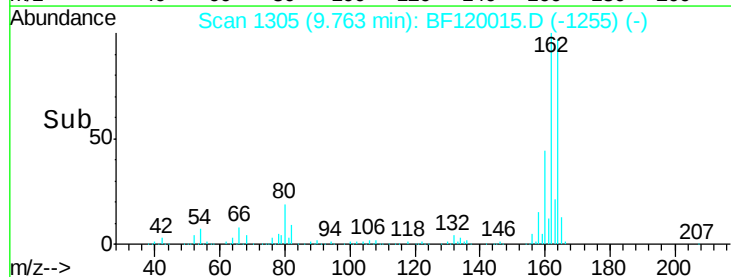
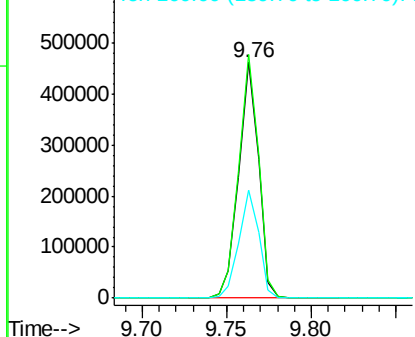


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120015.D
Acq: 16 Apr 2020 1:58

Tgt Ion:164 Resp: 377969
Ion Ratio Lower Upper
164 100
162 103.4 81.9 122.9
160 45.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

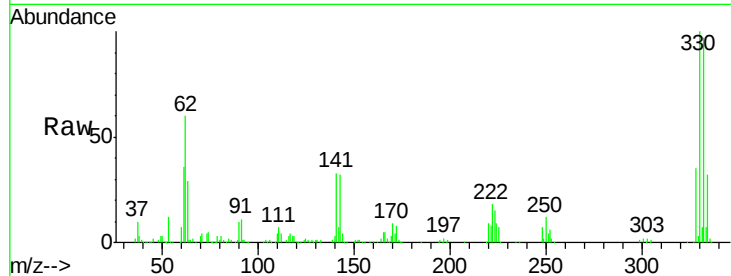




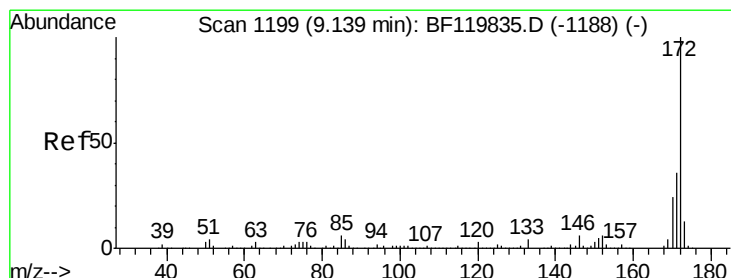
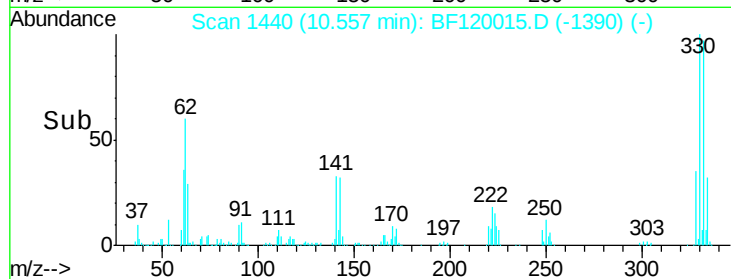
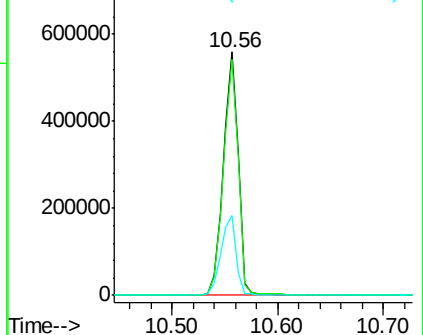
#42
 2,4,6-Tribromophenol
 Concen: 120.388 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120015.D
 Acq: 16 Apr 2020 1:58

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-041020

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	33.8	25.1	37.7

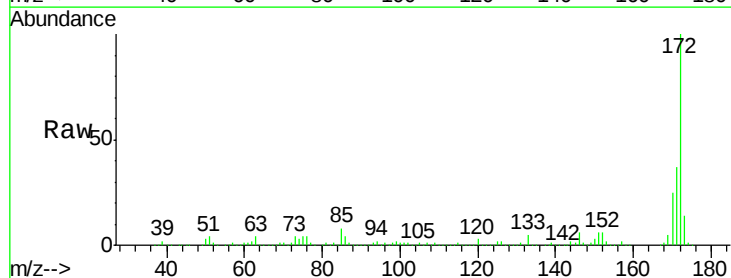


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

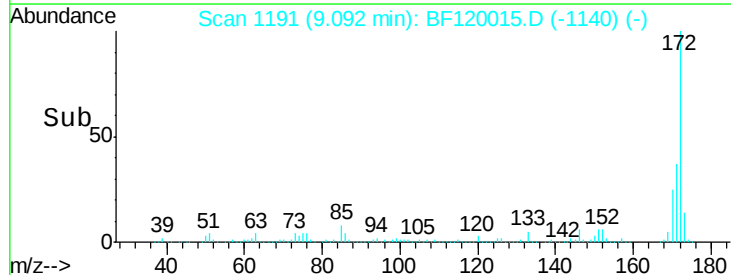
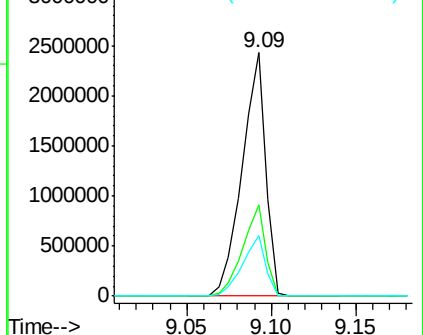


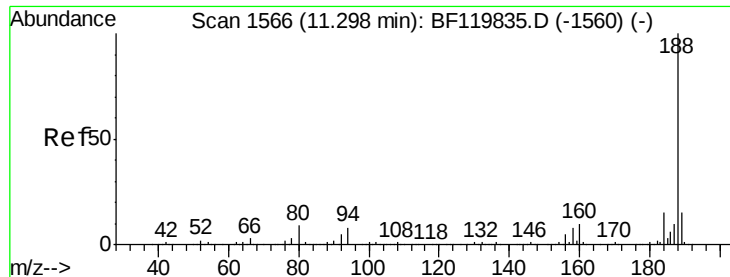
#45
 2-Fluorobiphenyl
 Concen: 89.210 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120015.D
 Acq: 16 Apr 2020 1:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	24.8	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

Instrument :

BNA_F

ClientSampled :

SU-04-041020

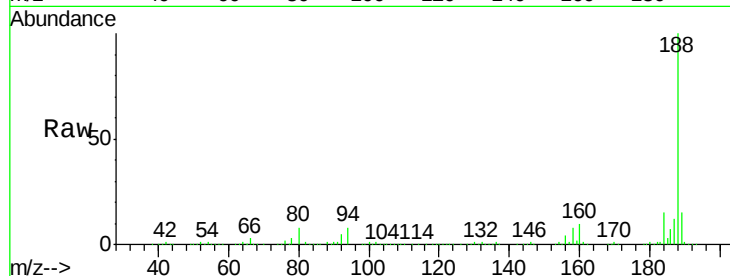
Tot Ion:188 Resp: 756369

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

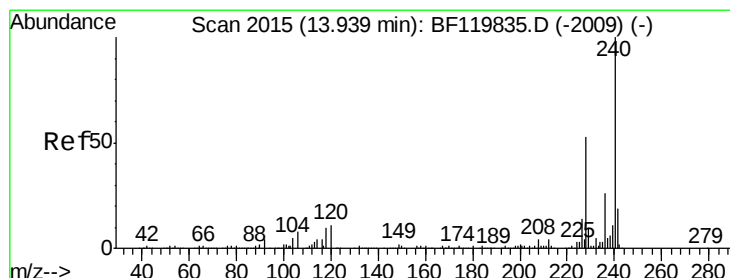
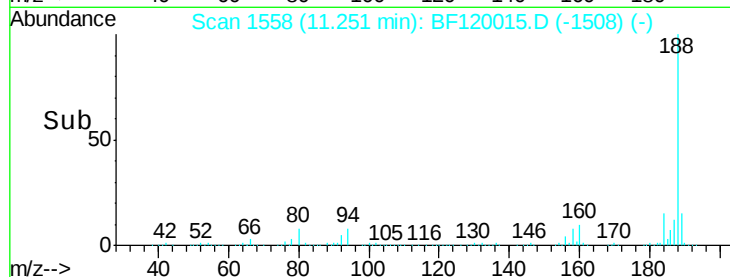
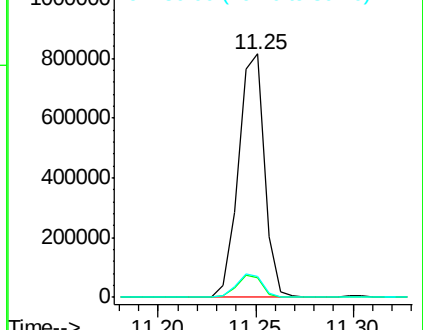
80 8.5 7.4 11.2



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# 2006

Delta R.T. -0.01 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

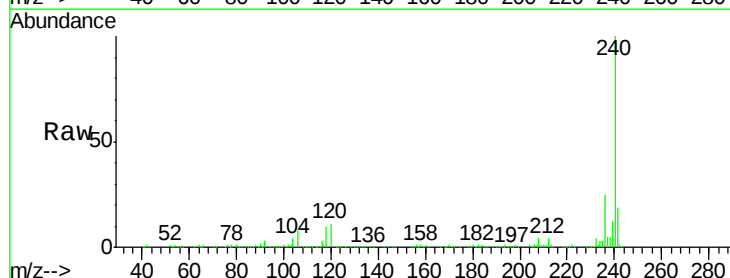
Tgt Ion:240 Resp: 552924

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

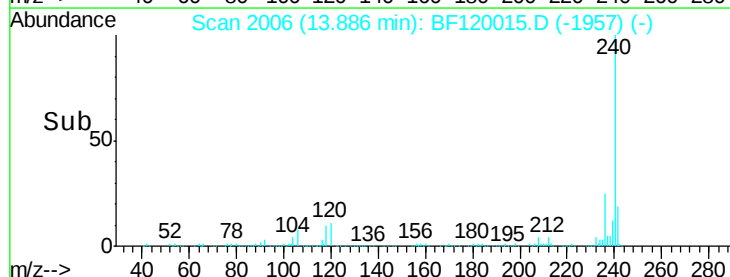
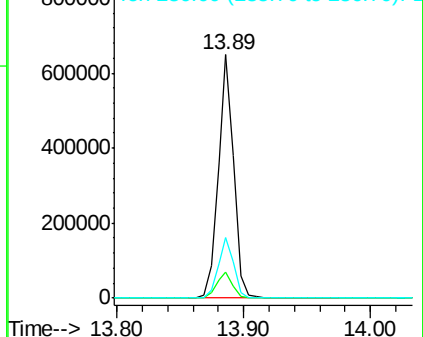
236 25.0 20.7 31.1

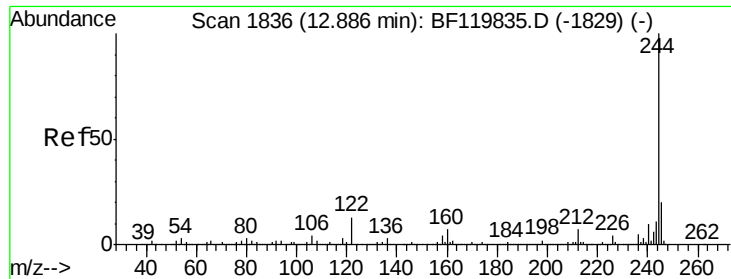


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.888 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

Instrument :

BNA_F

ClientSampleId :

SU-04-041020

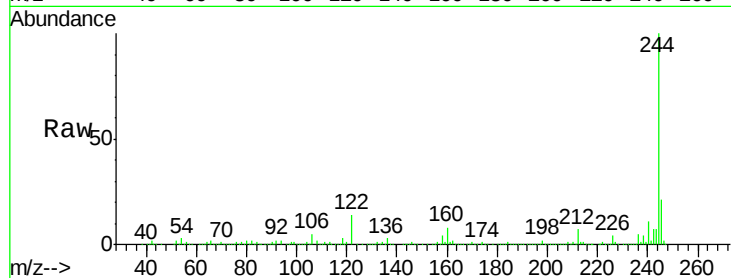
Tot Ion:244 Resp: 2822301

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

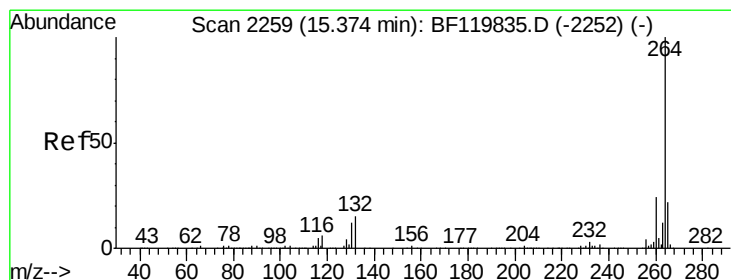
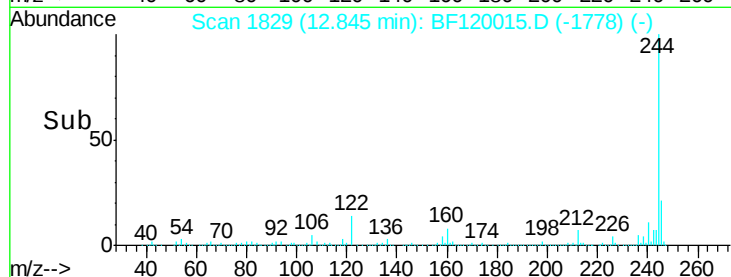
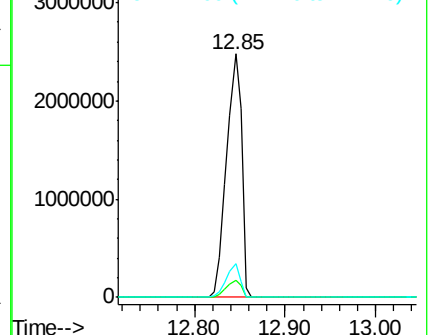
122 13.9 10.3 15.5



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: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF120015.D

Acq: 16 Apr 2020 1:58

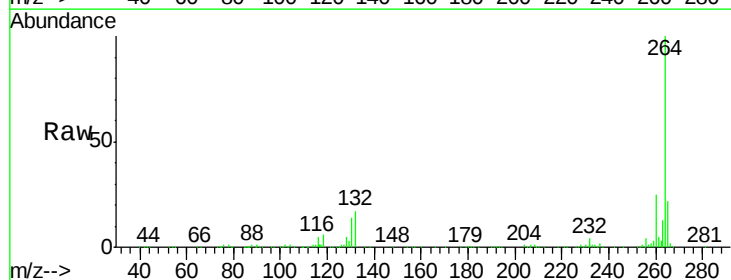
Tgt Ion:264 Resp: 407732

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 22.0 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

