

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 02:31:38 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

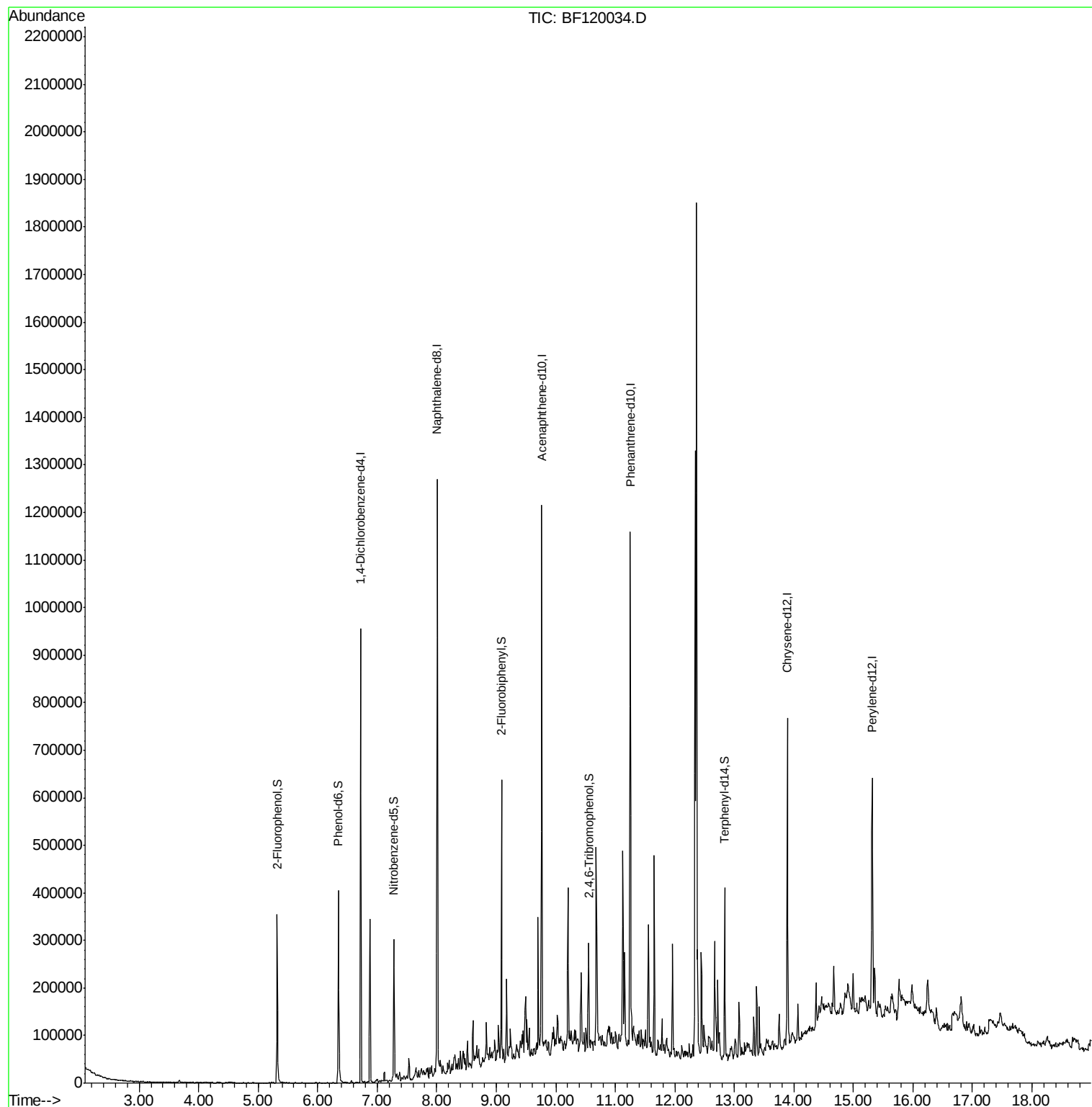
Target Compounds Qvalue

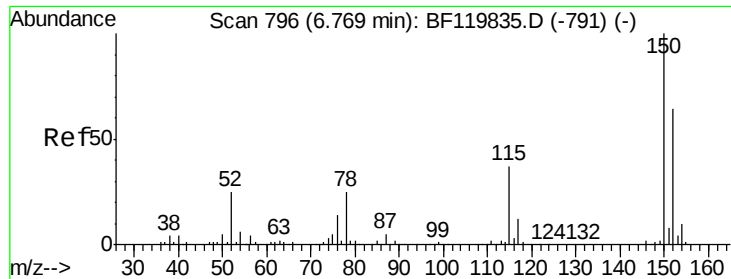
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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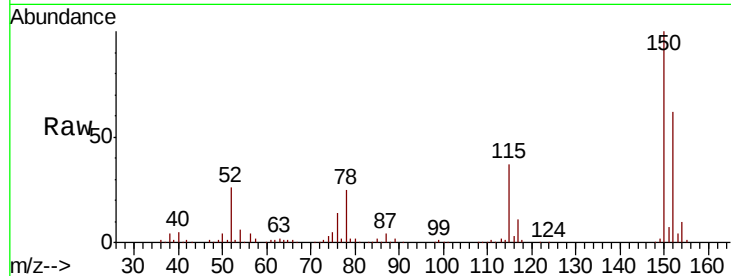


#1

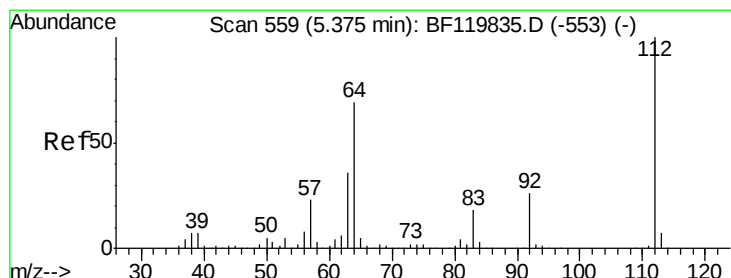
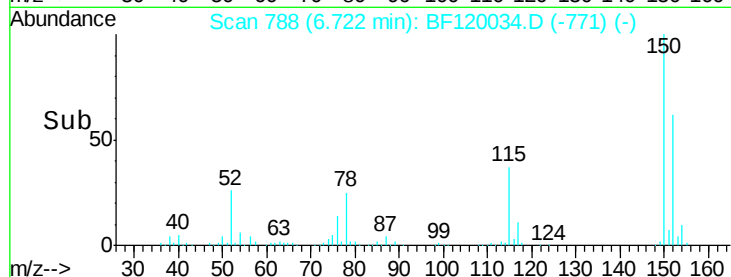
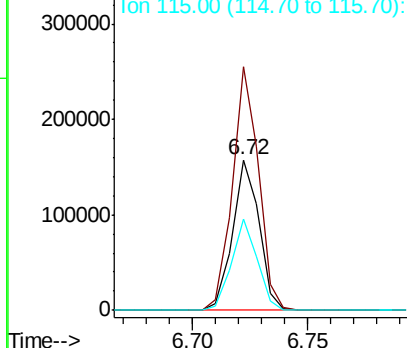
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF120034.D
Acq: 16 Apr 2020 14:21

Instrument :
BNA_F
ClientSampleId :
SU-04-041020

Tot Ion:152 Resp: 125959
Ion Ratio Lower Upper
152 100
150 161.6 124.8 187.2
115 60.6 46.5 69.7



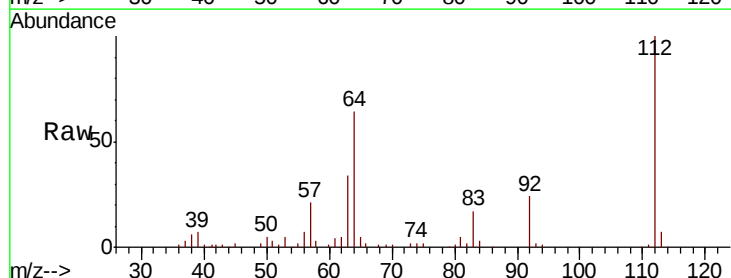
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



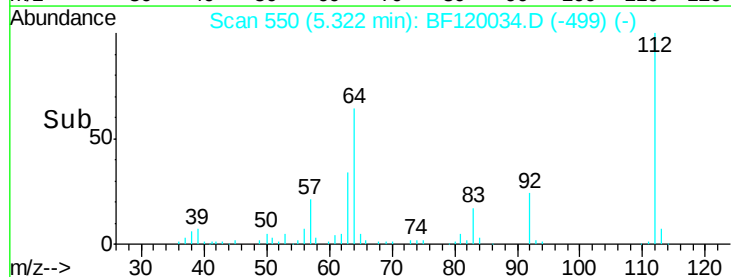
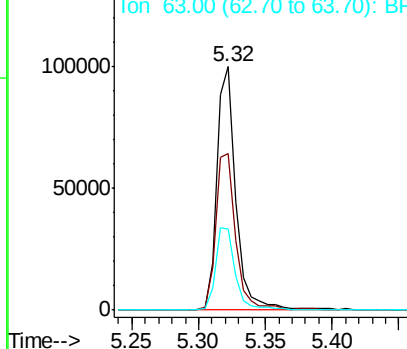
#5

2-Fluorophenol
Concen: 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:112 Resp: 100864
Ion Ratio Lower Upper
112 100
64 64.2 55.5 83.3
63 33.6 29.1 43.7



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: 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

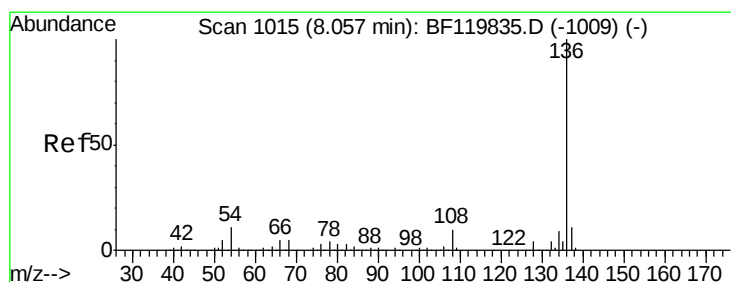
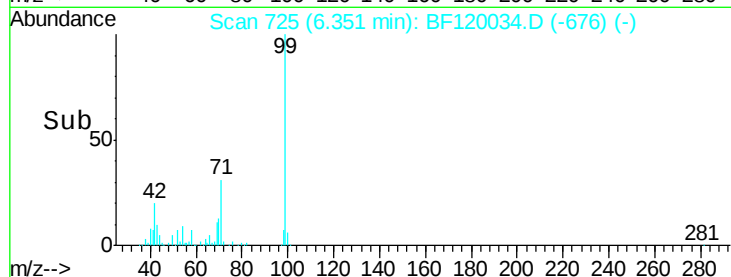
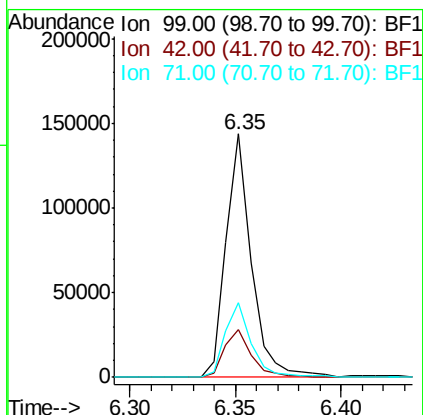
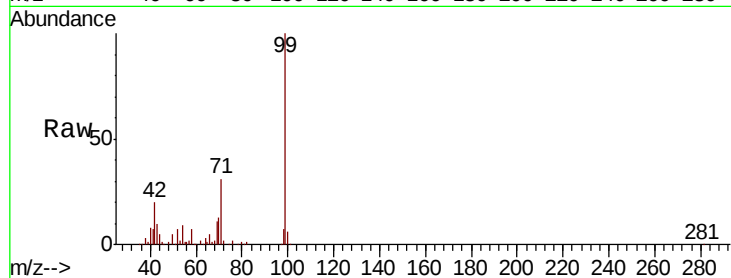
Tot Ion: 99 Resp: 119669

Ion Ratio Lower Upper

99 100

42 19.8 16.9 25.3

71 30.9 26.3 39.5



#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

Tgt Ion: 136 Resp: 491245

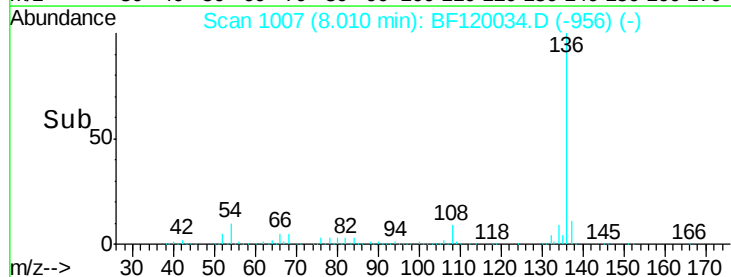
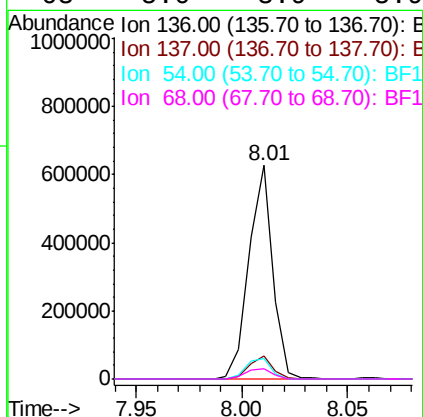
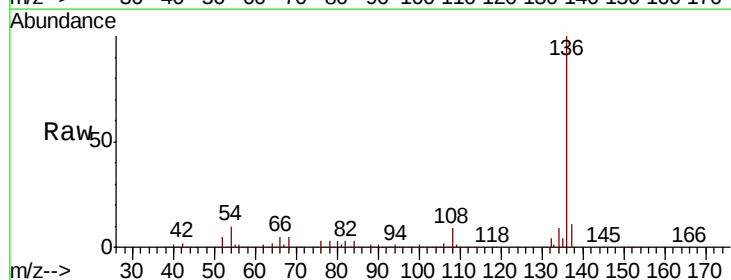
Ion Ratio Lower Upper

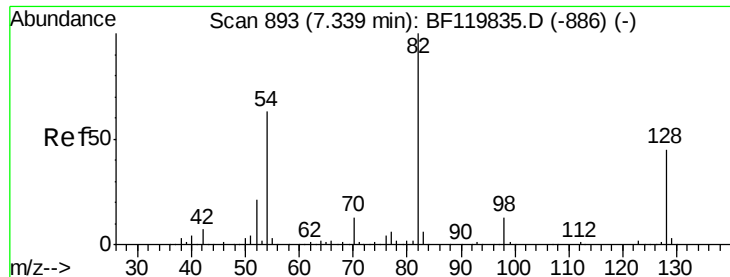
136 100

137 10.7 8.7 13.1

54 9.7 8.5 12.7

68 5.0 3.9 5.9

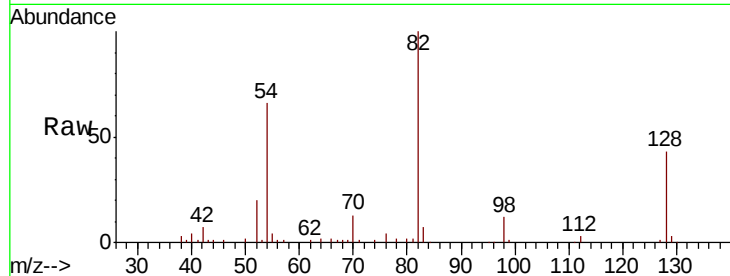




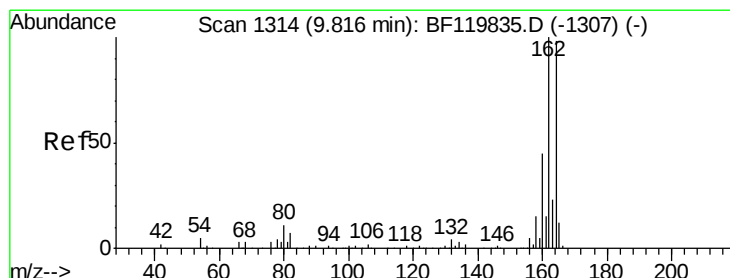
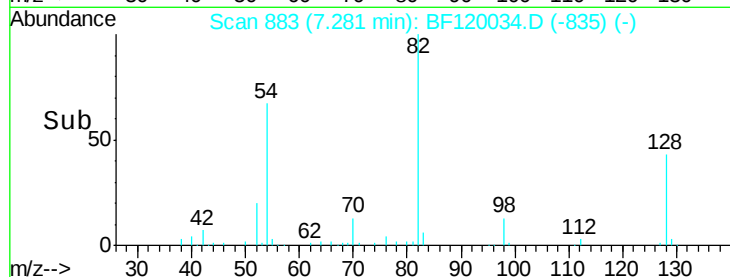
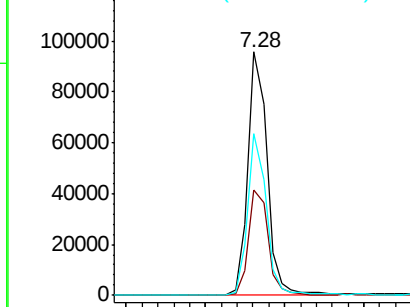
#23
Nitrobenzene-d5
Concen: 8.523 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF120034.D
Acq: 16 Apr 2020 14:21

Instrument :
BNA_F
ClientSampleId :
SU-04-041020

Tot Ion: 82 Resp: 80935
Ion Ratio Lower Upper
82 100
128 43.3 36.2 54.4
54 66.3 50.4 75.6

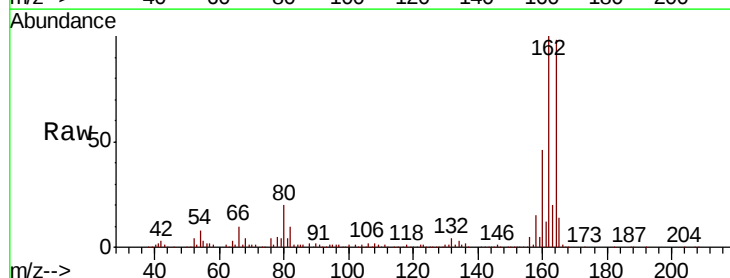


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

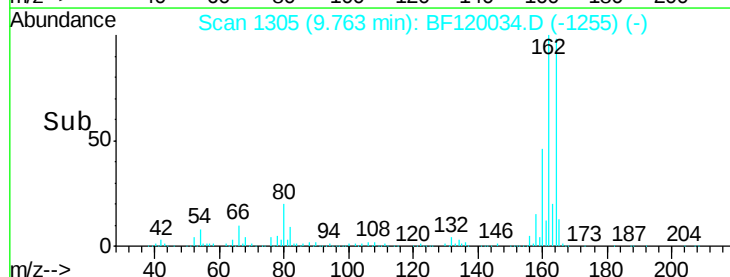
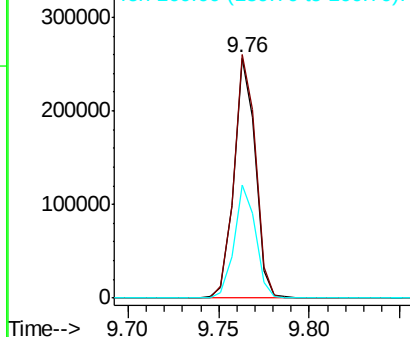


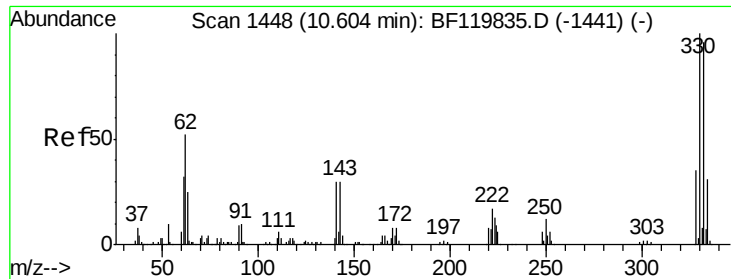
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120034.D
Acq: 16 Apr 2020 14:21

Tgt 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): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

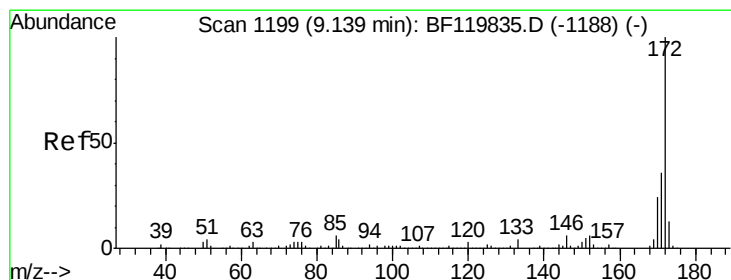
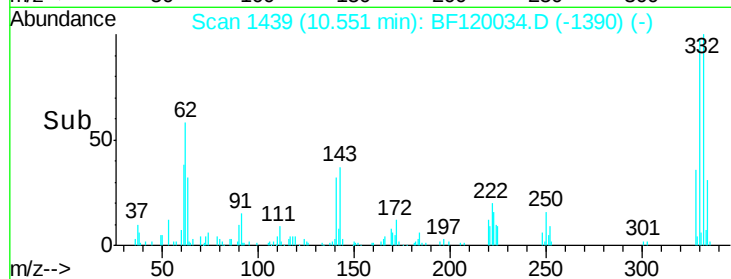
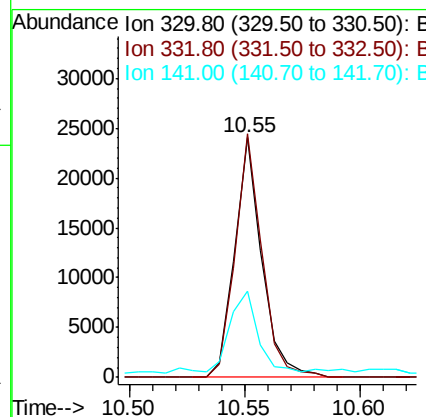
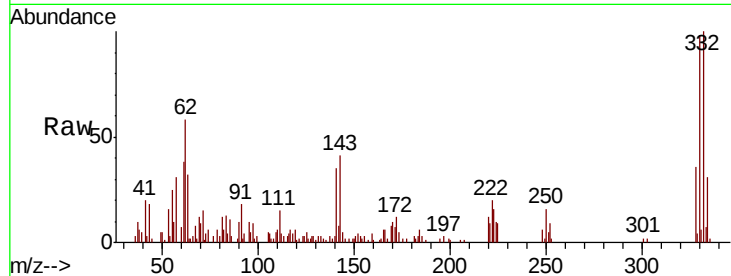




#42
 2,4,6-Tribromophenol
 Concen: 7.678 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120034.D
 Acq: 16 Apr 2020 14:21

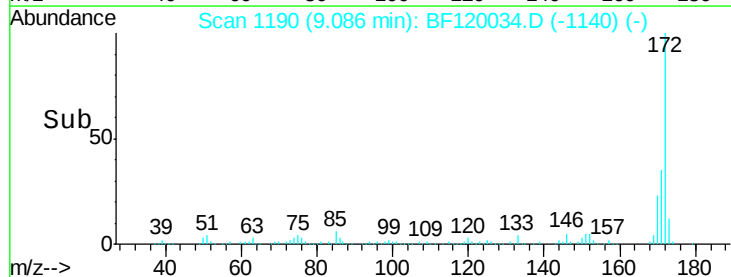
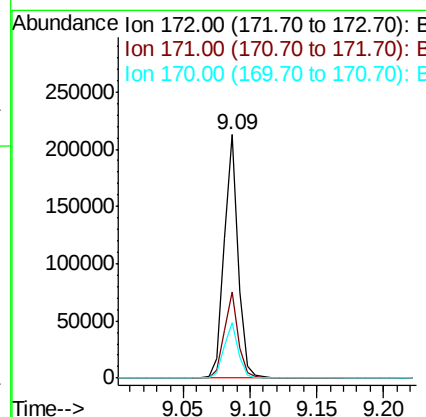
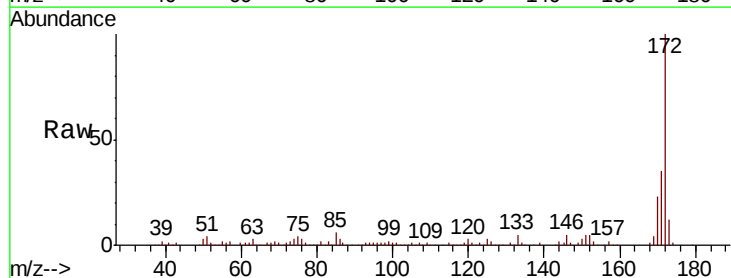
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-041020

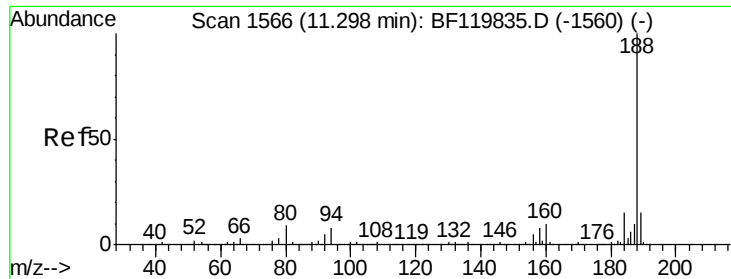
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	76.8	115.2
141	36.3	25.1	37.7



#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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.0	19.4	29.2

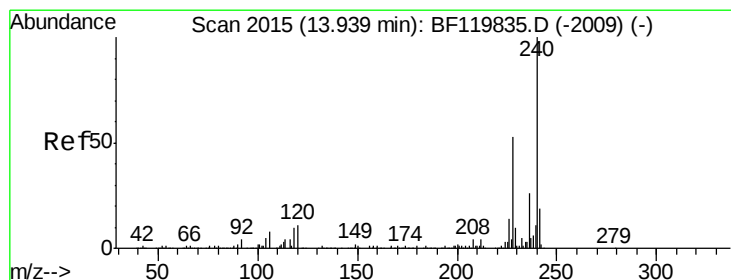
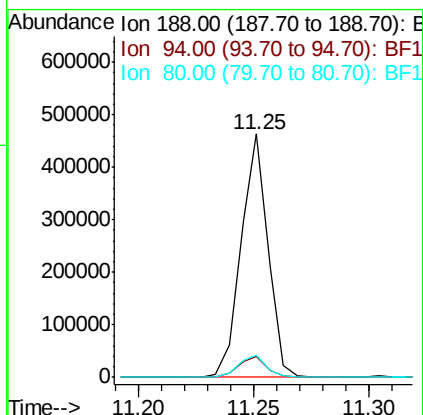
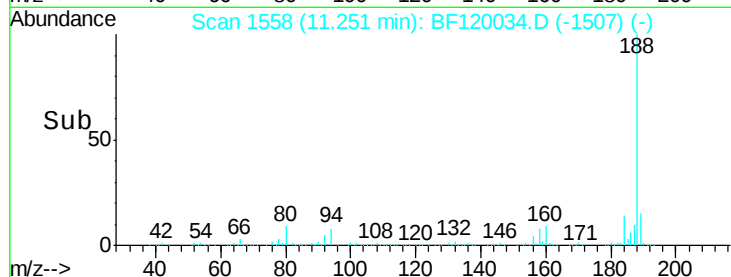
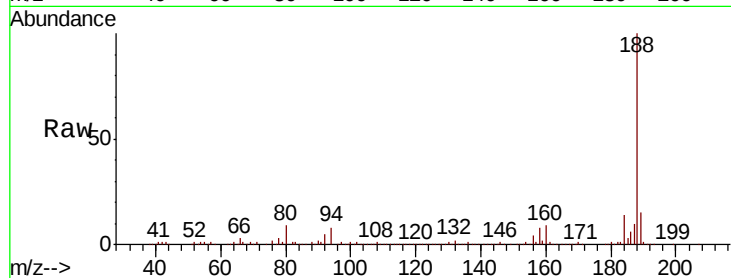




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF120034.D
Acq: 16 Apr 2020 14:21

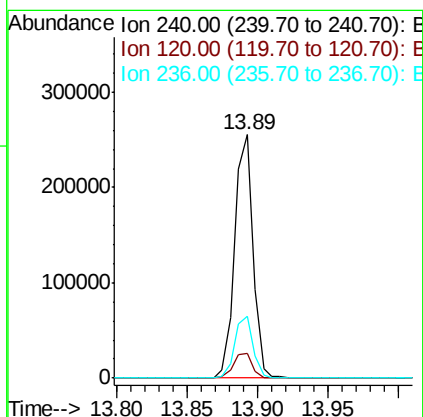
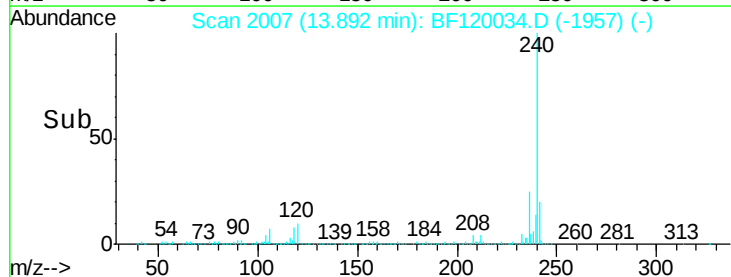
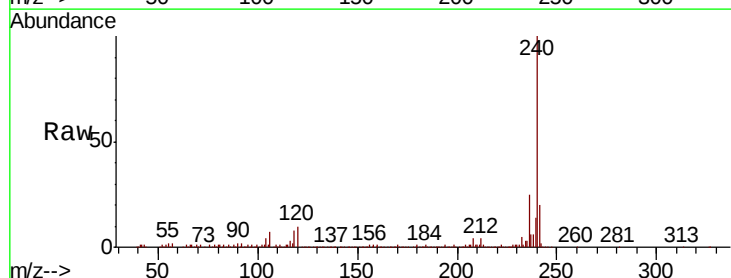
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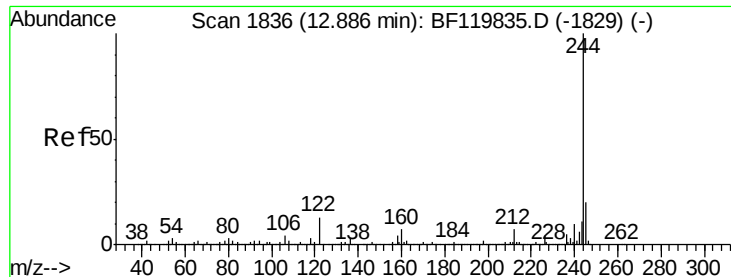
Tot Ion:188 Resp: 376428
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.9 7.4 11.2



#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

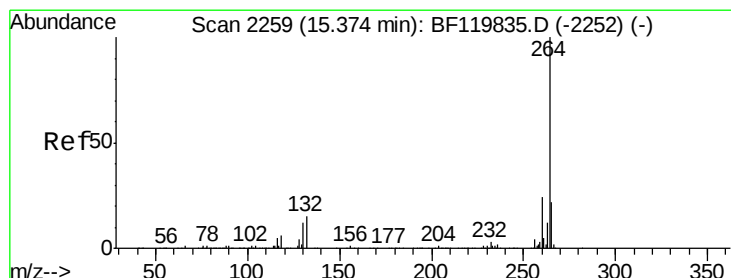
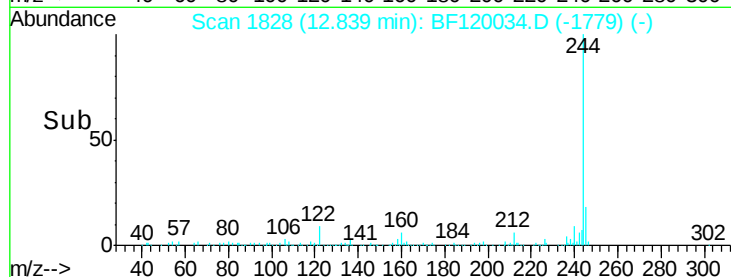
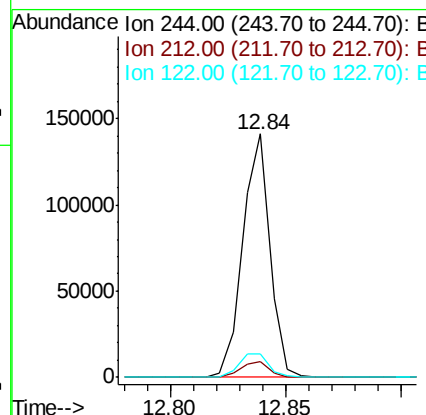
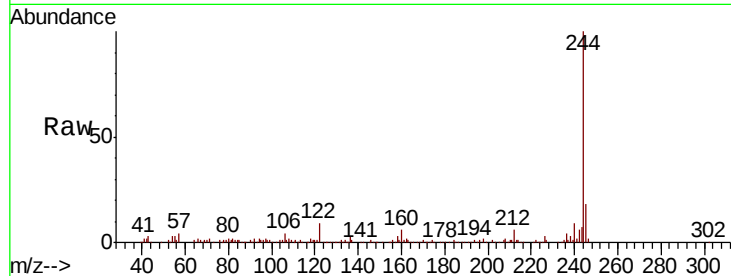




#79
 Terphenyl-d14
 Concen: 8.392 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF120034.D
 Acq: 16 Apr 2020 14:21

Instrument :
 BNA_F
 ClientSampleId :
 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#



#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

