

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120016.D
 Acq On : 16 Apr 2020 2:25
 Operator : MA/SJ
 Sample : PB128243BL
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BL

Quant Time: Apr 16 05:20:32 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	164893	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	636148	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	337916	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	680972	20.00	ng	0.00
76) Chrysene-d12	13.89	240	520613	20.00	ng	-0.01
87) Perylene-d12	15.31	264	399702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1033566	108.32	ng	0.01
7) Phenol-d6	6.36	99	1285338	104.55	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1150999	93.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	283209	68.45	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	2225906	93.52	ng	0.00
79) Terphenyl-d14	12.85	244	2608756	84.32	ng	0.00

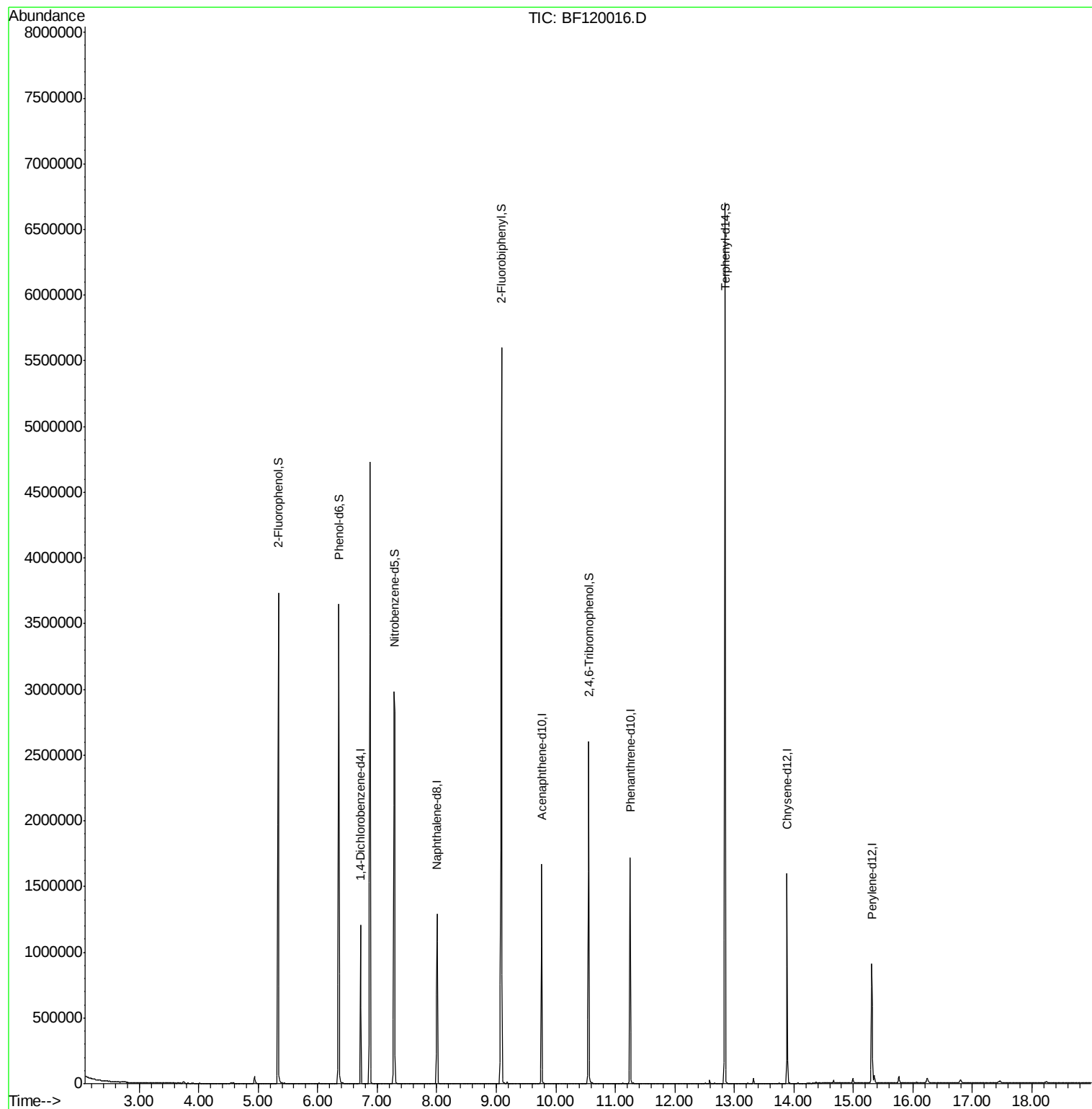
Target Compounds Qvalue

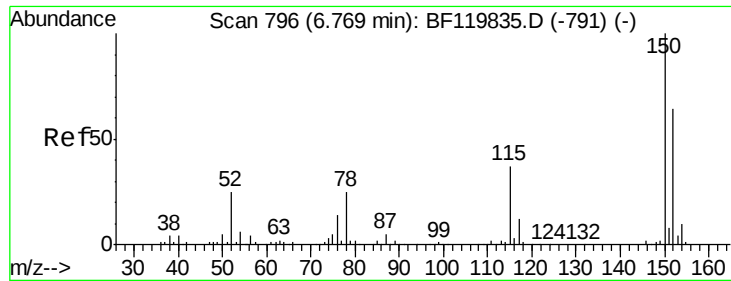
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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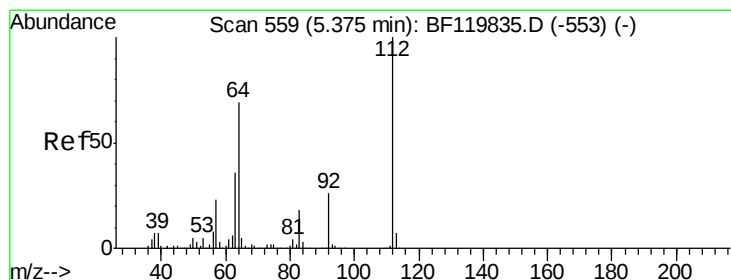
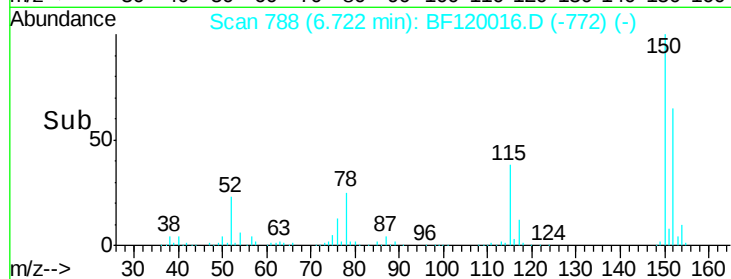
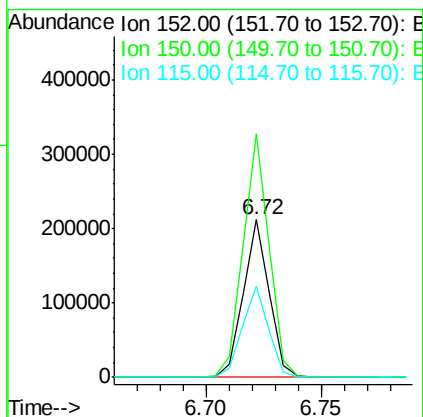
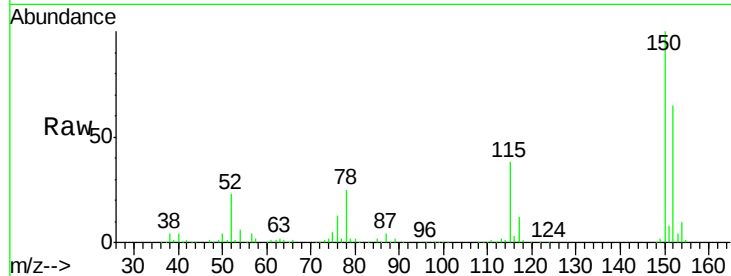


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Instrument :
BNA_F
ClientSampleId :
PB128243BL

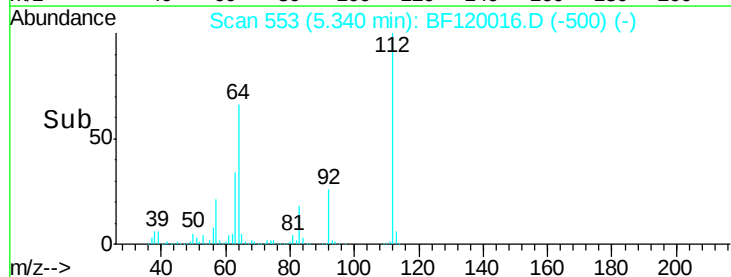
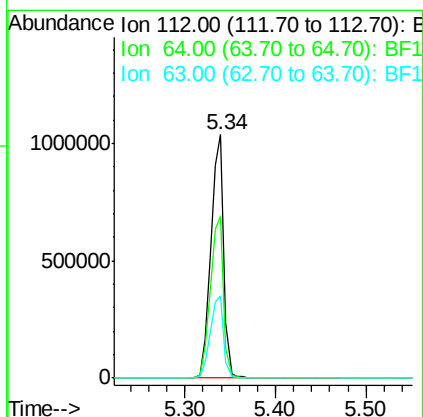
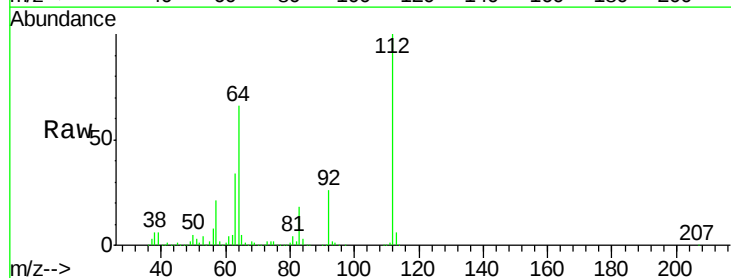
Tot Ion:152 Resp: 164893
Ion Ratio Lower Upper
152 100
150 154.8 124.8 187.2
115 58.1 46.5 69.7



#5

2-Fluorophenol
Concen: 108.324 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion:112 Resp: 1033566
Ion Ratio Lower Upper
112 100
64 66.2 55.5 83.3
63 33.9 29.1 43.7





#7

Phenol-d6

Concen: 104.545 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120016.D

Acq: 16 Apr 2020 2:25

Instrument :

BNA_F

ClientSampleId :

PB128243BL

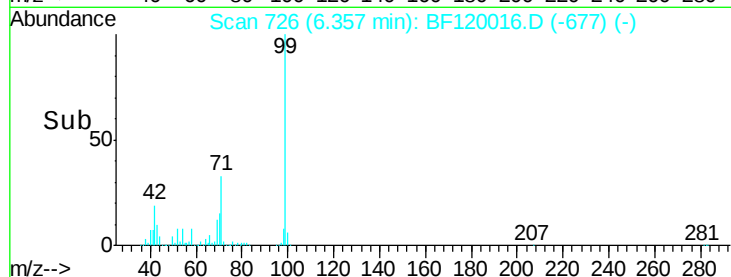
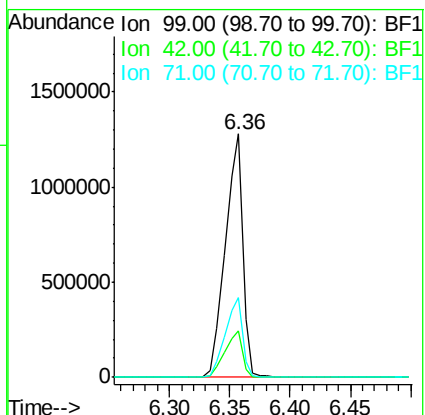
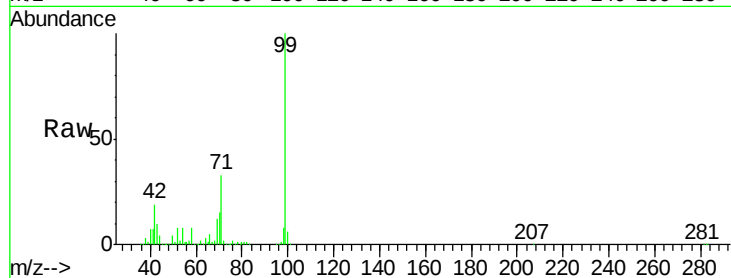
Tot Ion: 99 Resp: 1285338

Ion Ratio Lower Upper

99 100

42 19.1 16.9 25.3

71 32.8 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF120016.D

Acq: 16 Apr 2020 2:25

Tgt Ion: 136 Resp: 636148

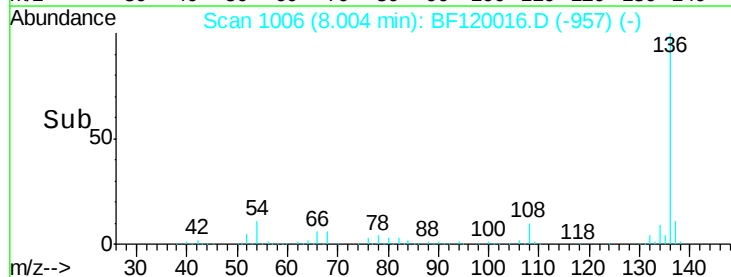
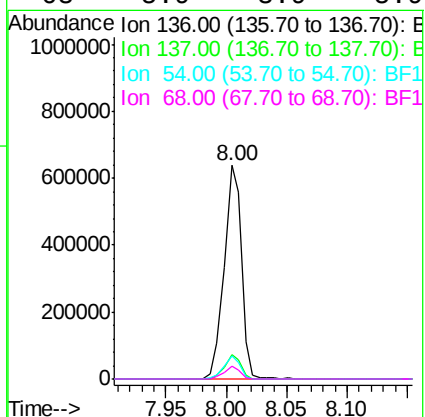
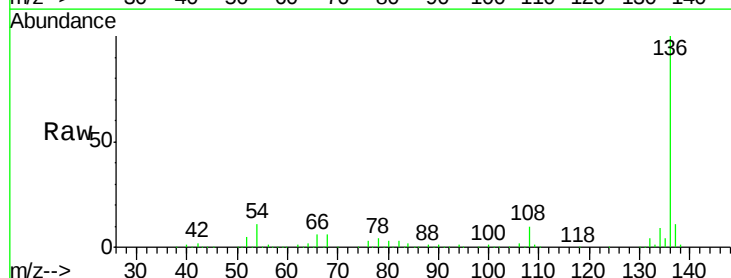
Ion Ratio Lower Upper

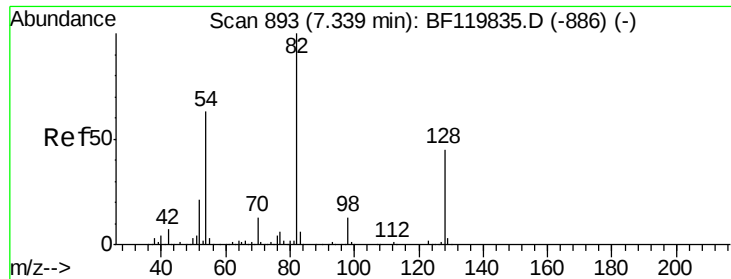
136 100

137 11.1 8.7 13.1

54 10.6 8.5 12.7

68 5.9 3.9 5.9

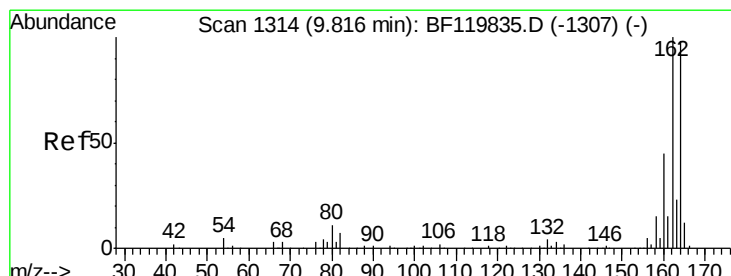
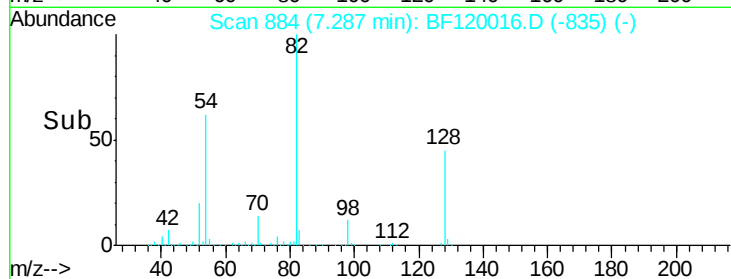
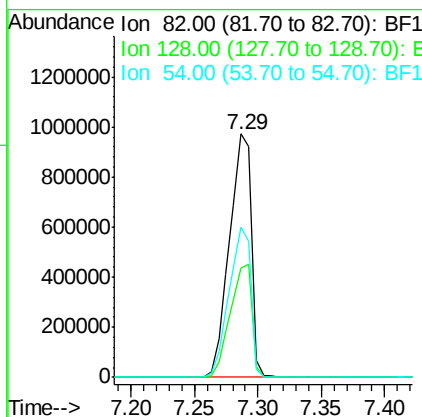
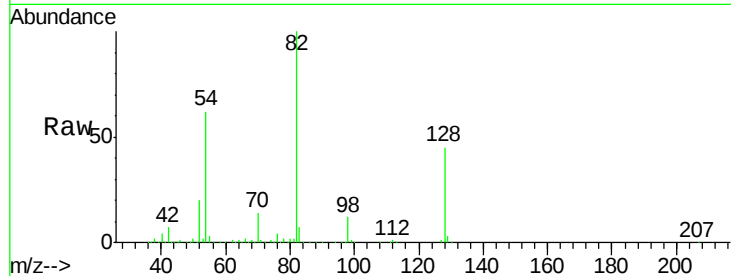




#23
Nitrobenzene-d5
Concen: 93.603 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

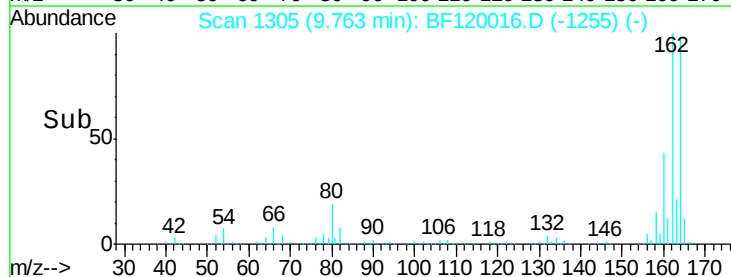
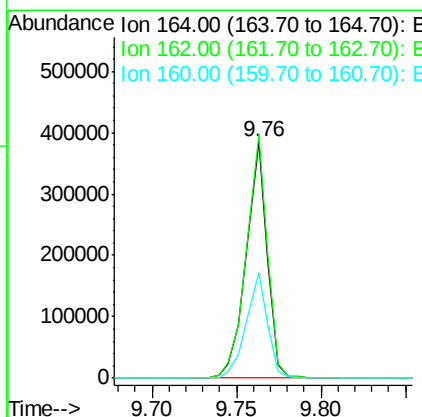
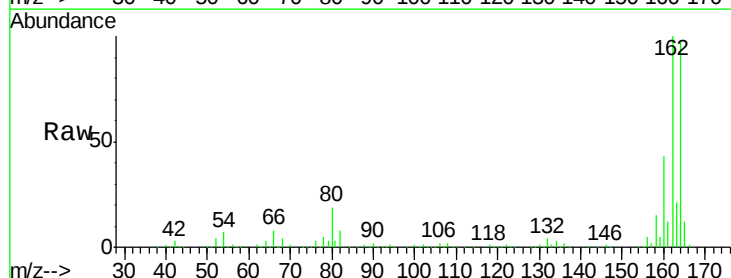
Instrument :
BNA_F
ClientSampleId :
PB128243BL

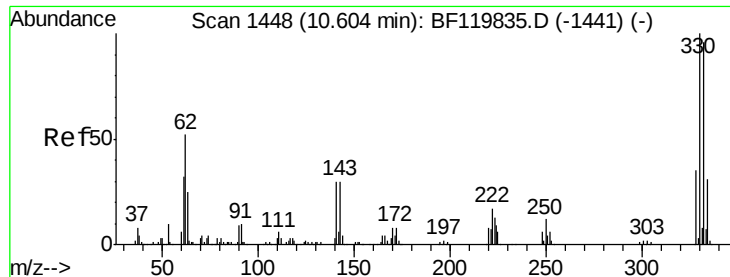
Tot Ion: 82 Resp: 1150999
Ion Ratio Lower Upper
82 100
128 45.1 36.2 54.4
54 61.7 50.4 75.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion:164 Resp: 337916
Ion Ratio Lower Upper
164 100
162 103.1 81.9 122.9
160 44.6 36.6 54.8

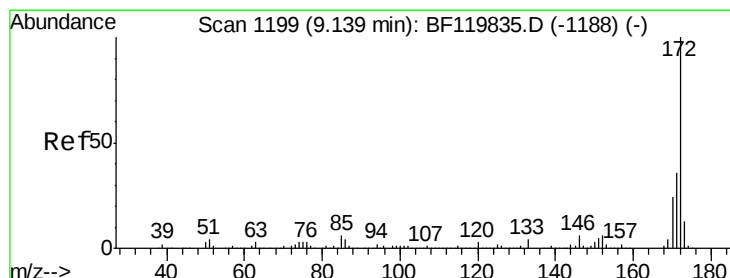
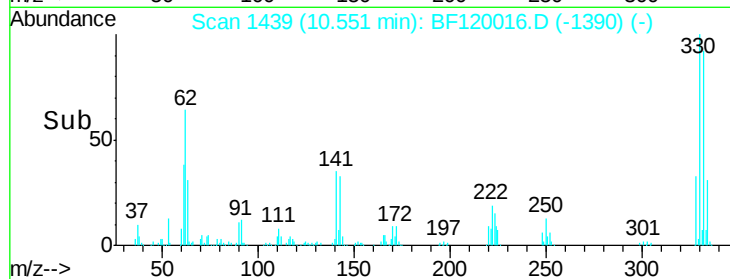
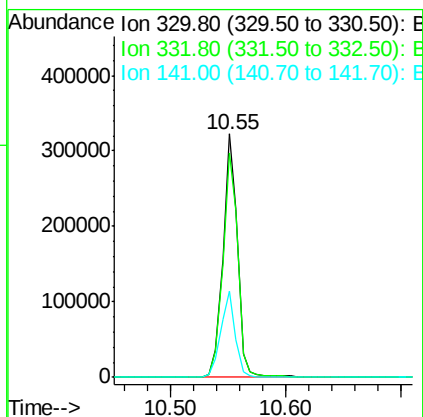
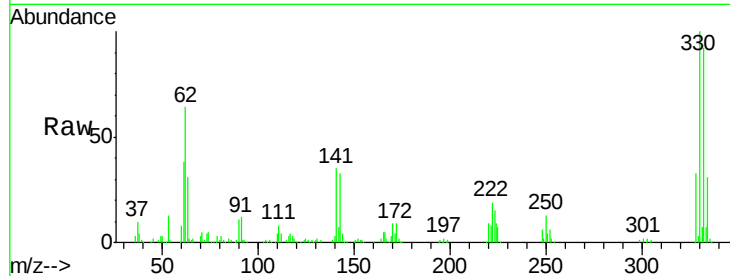




#42
 2,4,6-Tribromophenol
 Concen: 68.454 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120016.D
 Acq: 16 Apr 2020 2:25

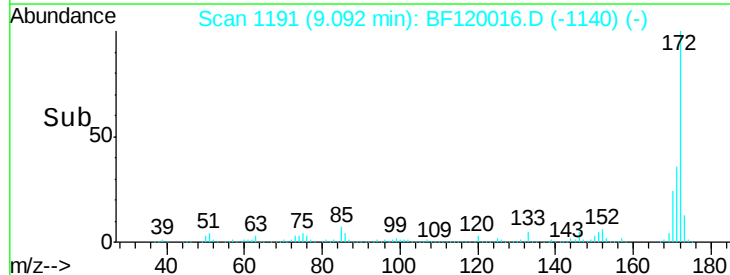
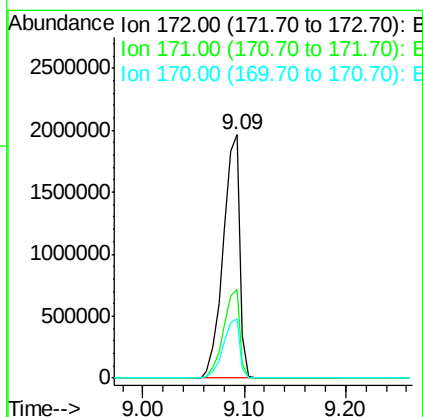
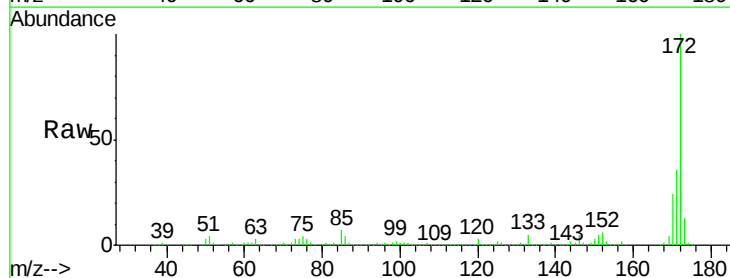
Instrument :
 BNA_F
 ClientSampleId :
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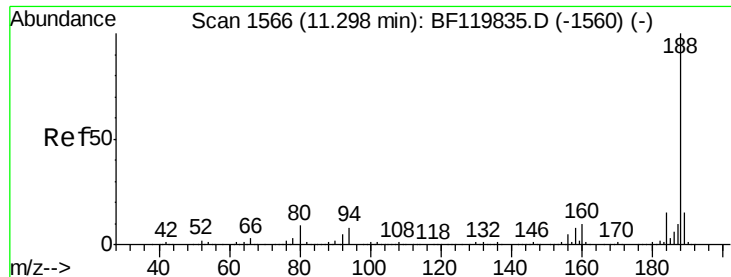
Tot Ion:330 Resp: 283209
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 35.3 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 93.523 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120016.D
 Acq: 16 Apr 2020 2:25

Tgt Ion:172 Resp: 2225906
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.3 19.4 29.2

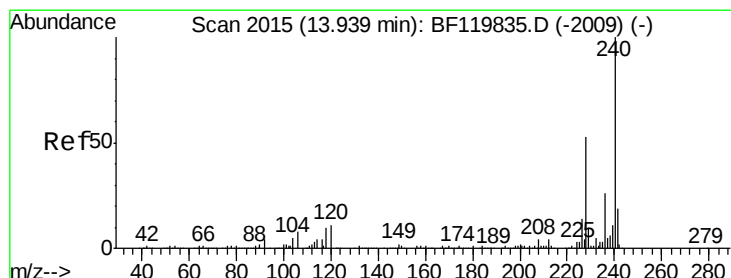
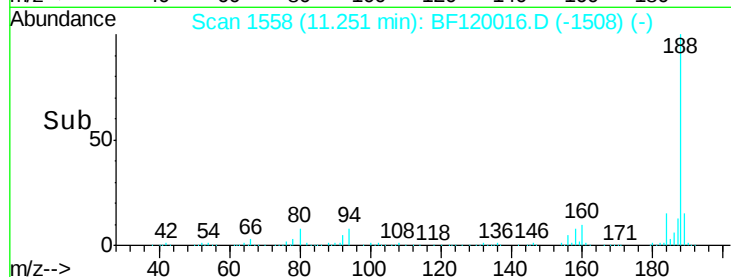
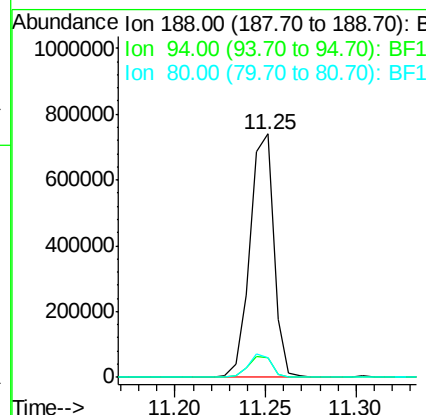
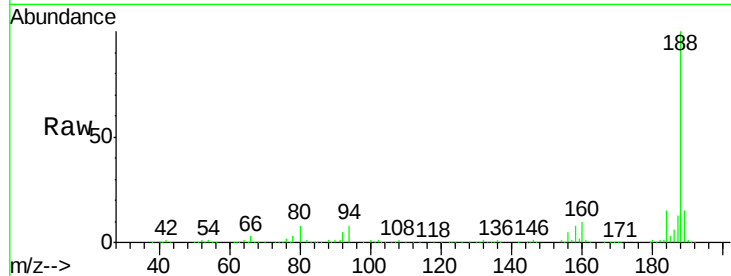




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

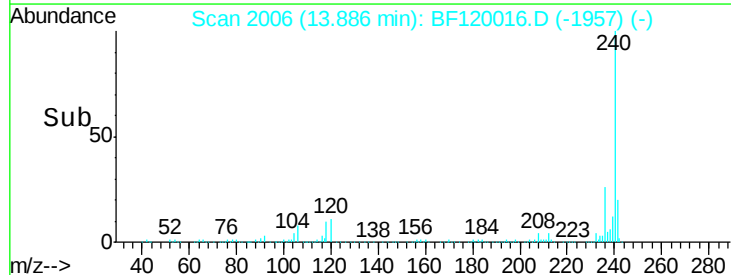
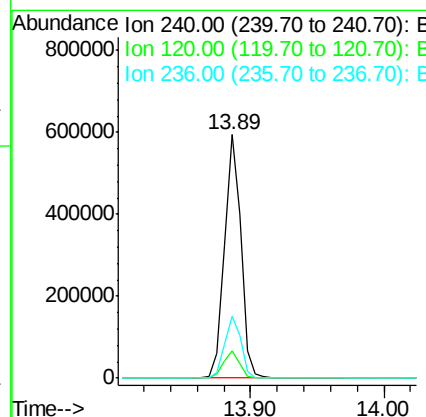
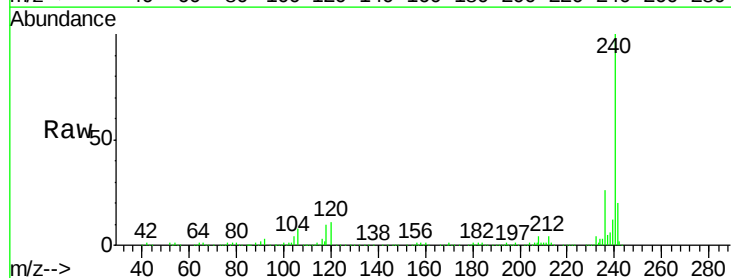
Instrument :
BNA_F
ClientSampled :
PB128243BL

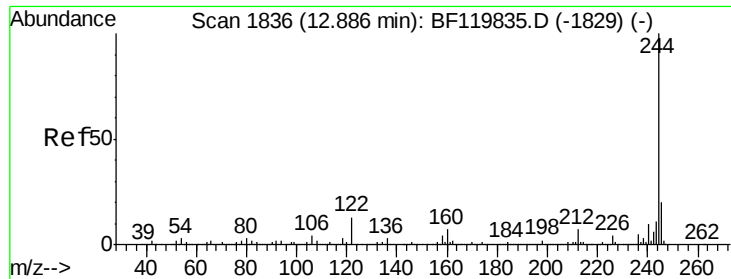
Tot Ion:188 Resp: 680972
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.3 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120016.D
Acq: 16 Apr 2020 2:25

Tgt Ion:240 Resp: 520613
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.6
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 84.317 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120016.D

Acq: 16 Apr 2020 2:25

Instrument :

BNA_F

ClientSampleId :

PB128243BL

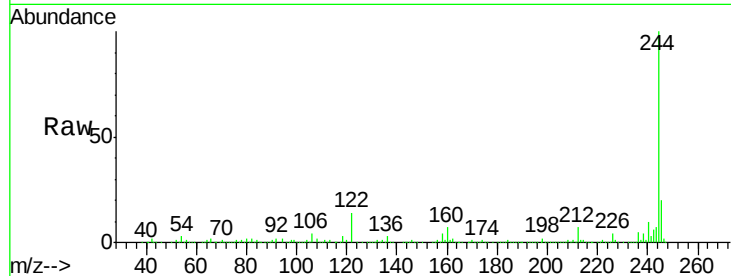
Tot Ion:244 Resp: 2608756

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

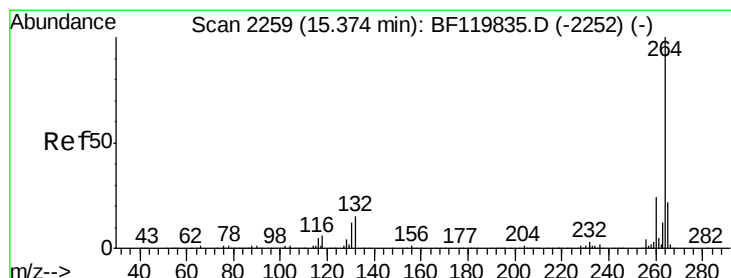
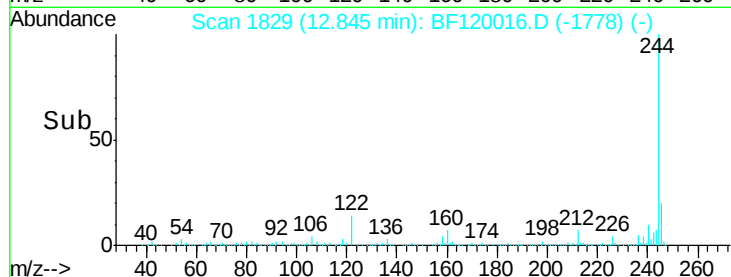
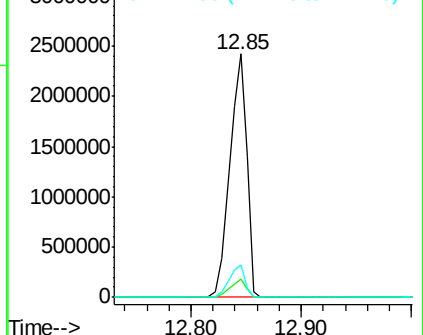
122 13.6 10.3 15.5



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: BF120016.D

Acq: 16 Apr 2020 2:25

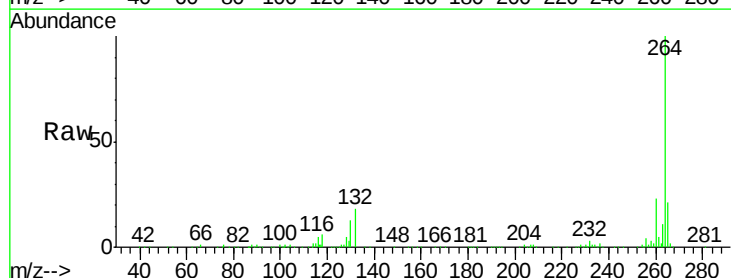
Tgt Ion:264 Resp: 399702

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.2 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

