

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119283.D
 Acq On : 9 Mar 2020 13:01
 Operator : CG/JU
 Sample : PB127309BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127309BL

Quant Time: Mar 09 18:11:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117735	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	460920	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	273364	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	542892	20.00	ng	0.00
76) Chrysene-d12	13.89	240	387784	20.00	ng	0.00
87) Perylene-d12	15.31	264	325527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	982122	139.41	ng	0.02
7) Phenol-d6	6.38	99	1218992	142.27	ng	0.00
23) Nitrobenzene-d5	7.29	82	806240	92.36	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	480040	134.24	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1648790	88.85	ng	0.00
79) Terphenyl-d14	12.83	244	2254859	100.11	ng	0.00

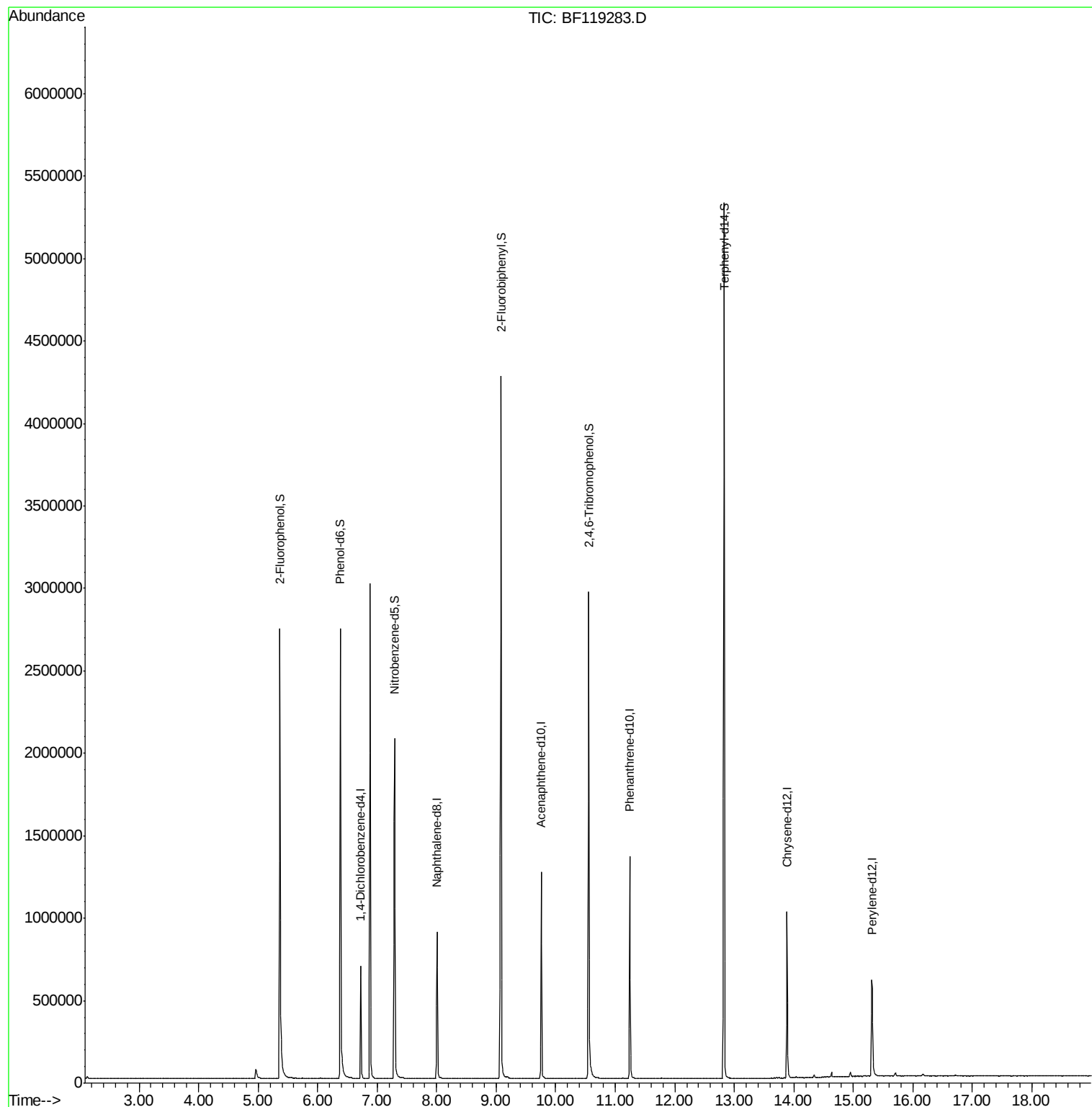
Target Compounds Qvalue

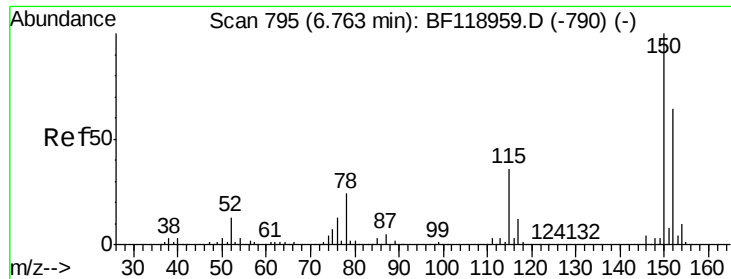
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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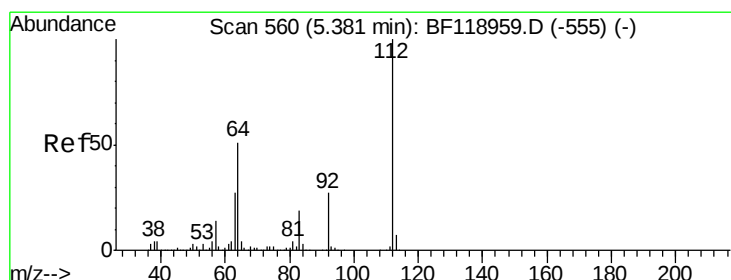
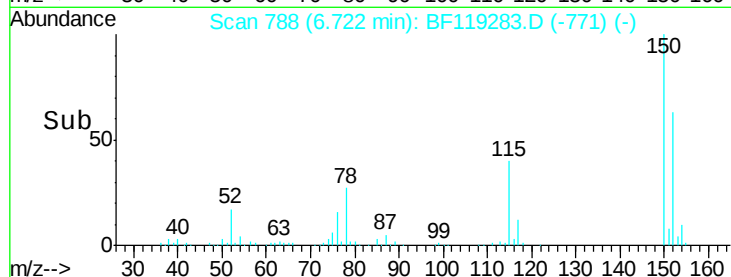
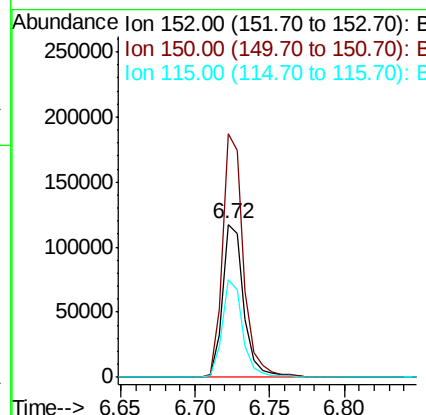
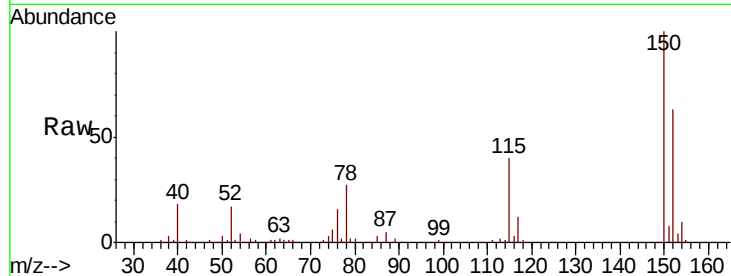


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB127309BL

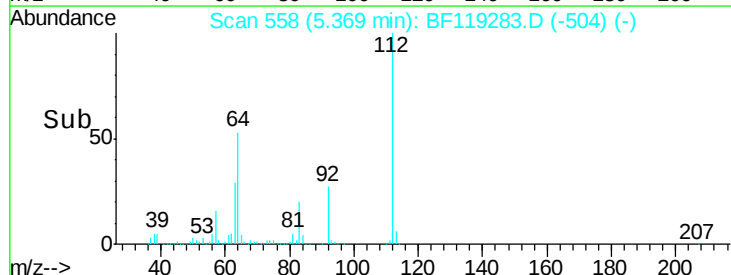
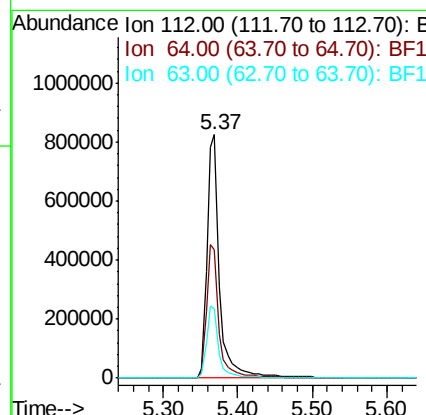
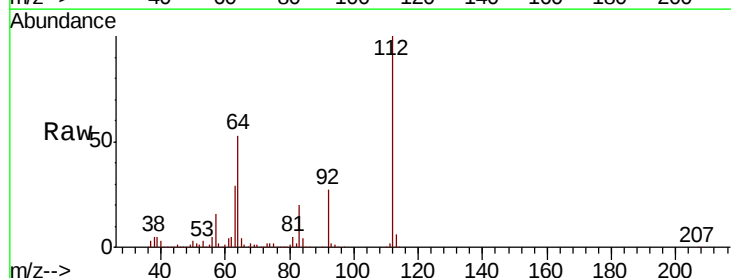
Tot Ion:152 Resp: 117735
Ion Ratio Lower Upper
152 100
150 158.8 123.0 184.6
115 63.8 49.5 74.3

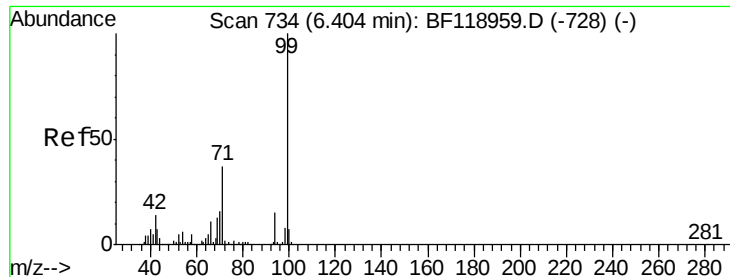


#5

2-Fluorophenol
Concen: 139.406 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

Tgt Ion:112 Resp: 982122
Ion Ratio Lower Upper
112 100
64 52.6 45.0 67.4
63 28.8 24.2 36.4





#7

Phenol-d6

Concen: 142.272 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119283.D

Acq: 9 Mar 2020 13:01

Instrument :

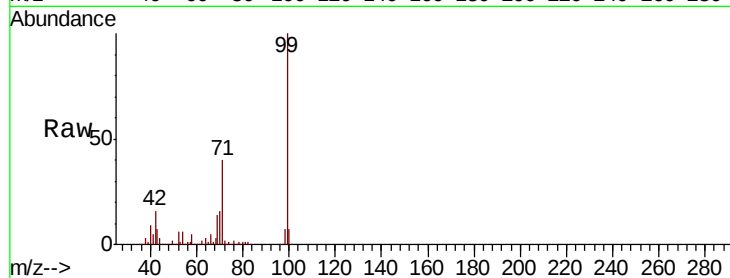
BNA_F

ClientSampleId :

PB127309BL

Tot Ion: 99 Resp: 1218992

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.6	18.8
71	39.7	31.0	46.4

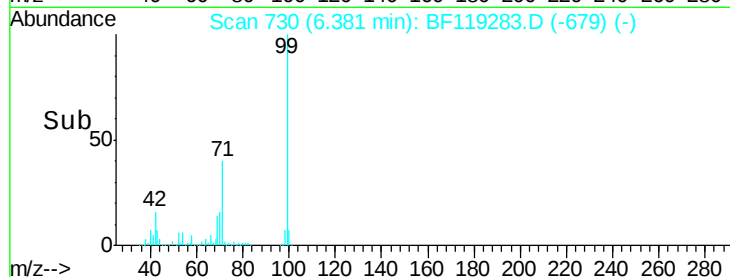


Abundance

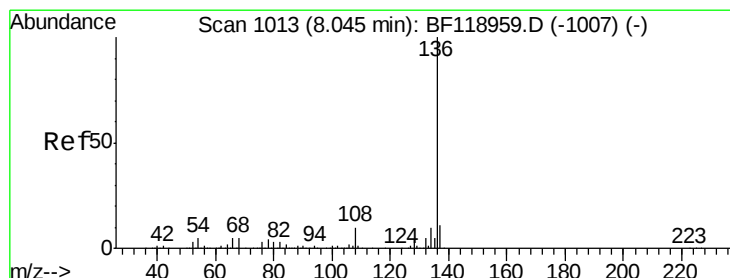
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

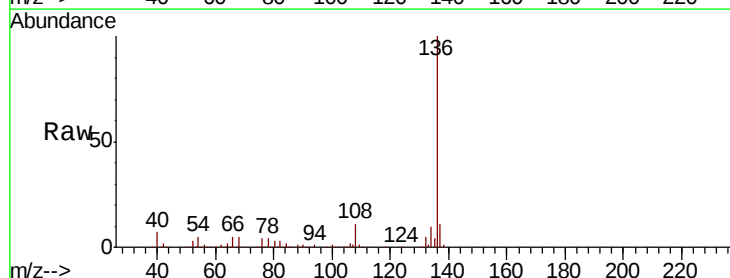
Delta R.T. -0.01 min

Lab File: BF119283.D

Acq: 9 Mar 2020 13:01

Tgt Ion: 136 Resp: 460920

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	5.1	3.8	5.6
68	5.2	3.9	5.9



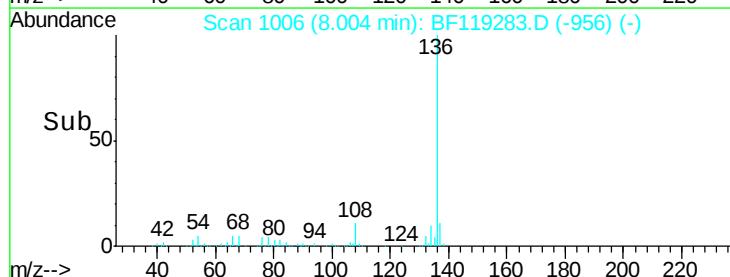
Abundance

Ion 136.00 (135.70 to 136.70): E

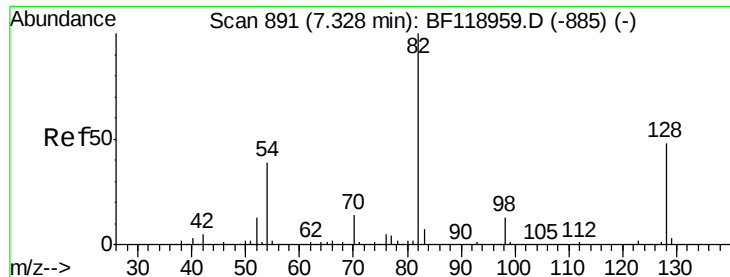
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



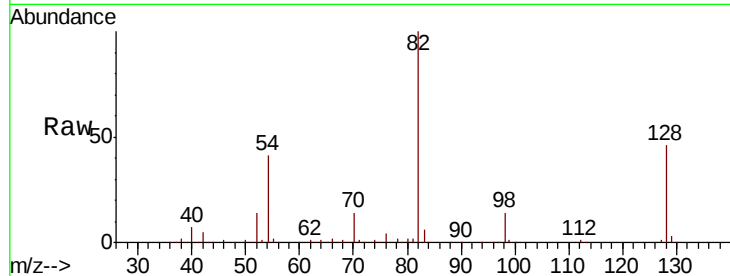
Time-->



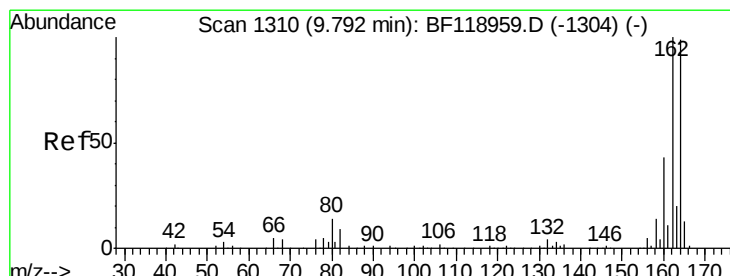
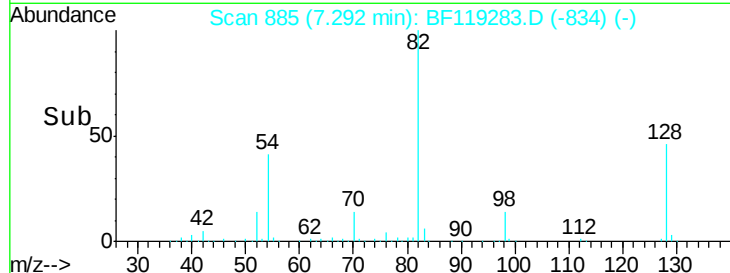
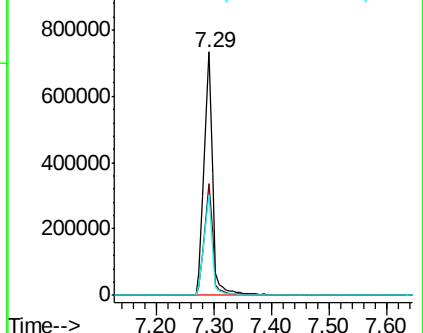
#23
Nitrobenzene-d5
Concen: 92.358 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB127309BL

Tot Ion: 82 Resp: 806240
Ion Ratio Lower Upper
82 100
128 45.9 37.9 56.9
54 41.2 33.4 50.2

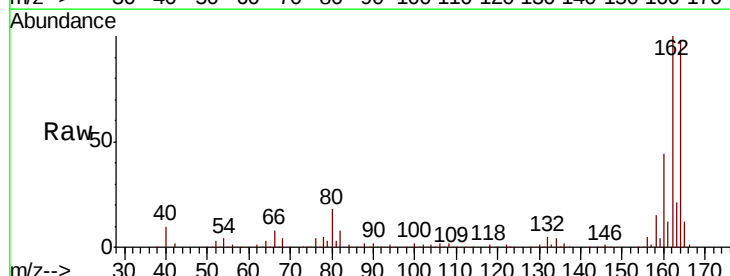


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

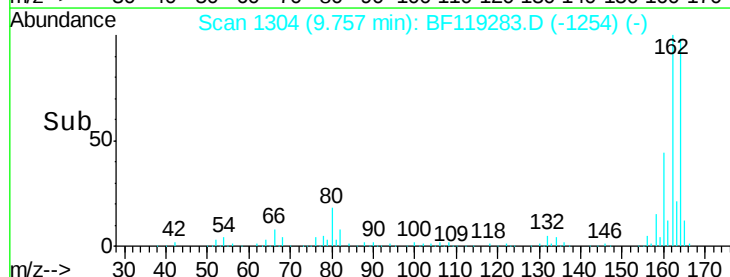
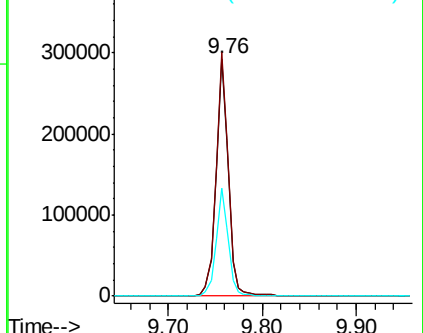


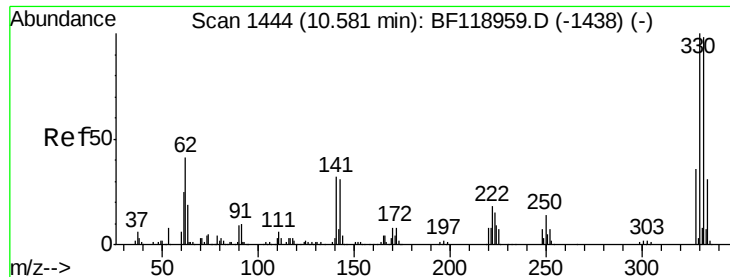
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

Tgt Ion: 164 Resp: 273364
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.8
160 45.6 36.0 54.0



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

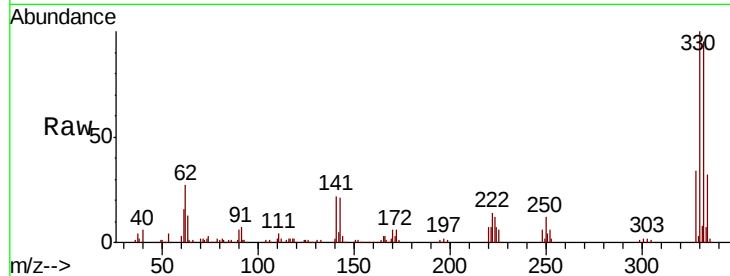




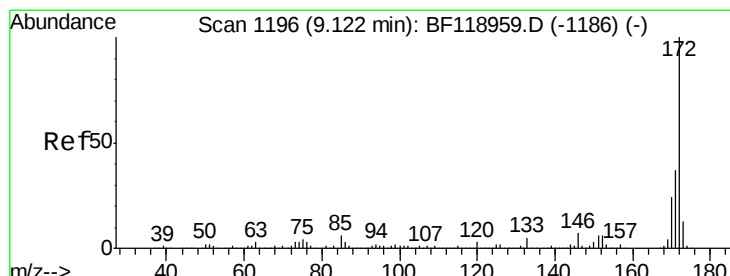
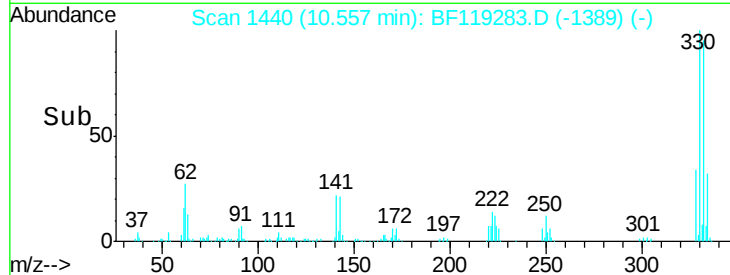
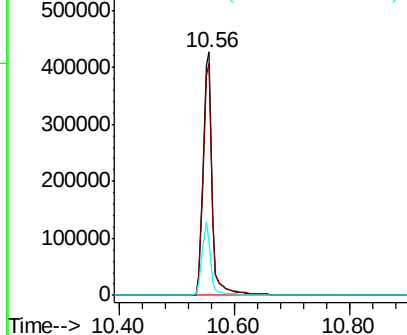
#42
 2,4,6-Tribromophenol
 Concen: 134.237 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119283.D
 Acq: 9 Mar 2020 13:01

Instrument :
 BNA_F
 ClientSampled :
 PB127309BL

Tot Ion:330 Resp: 480040
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.0 114.0
 141 29.2 22.9 34.3

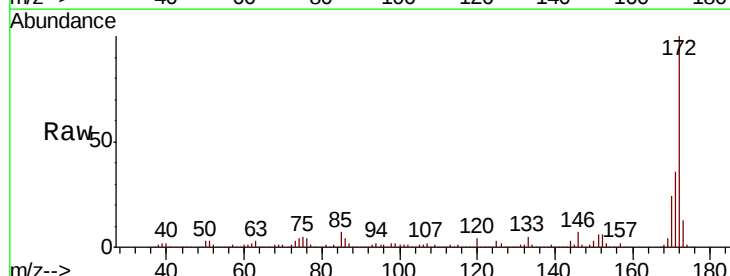


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

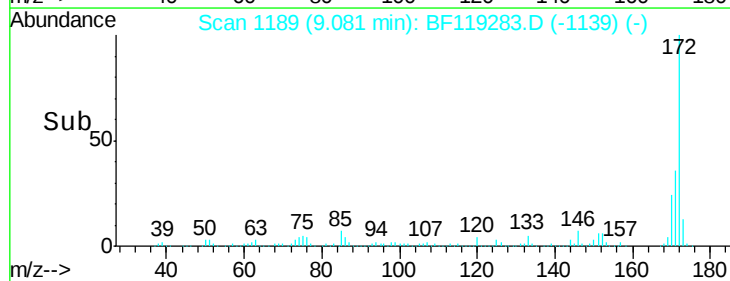
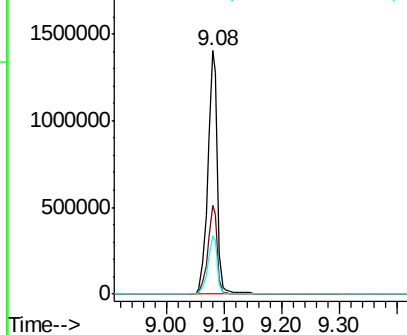


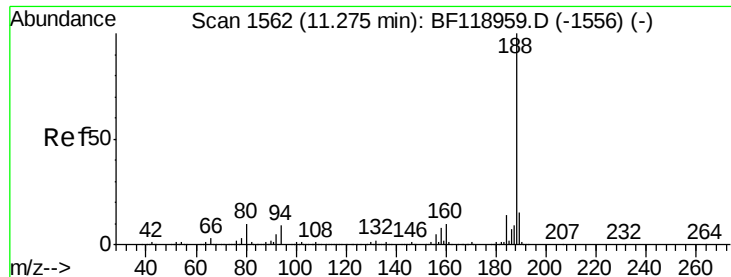
#45
 2-Fluorobiphenyl
 Concen: 88.854 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119283.D
 Acq: 9 Mar 2020 13:01

Tgt Ion:172 Resp: 1648790
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.6 45.8
 170 23.9 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

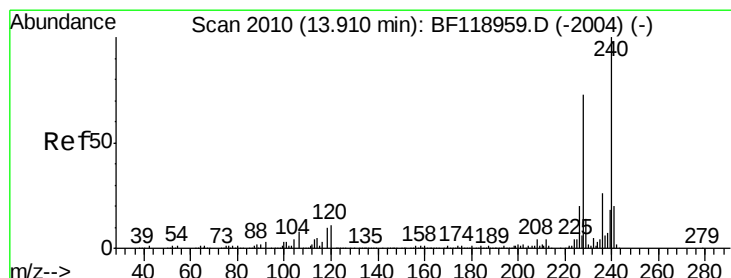
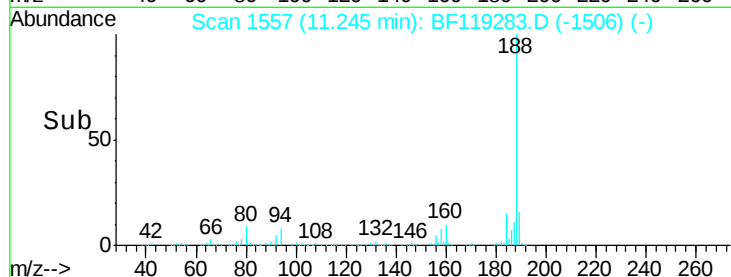
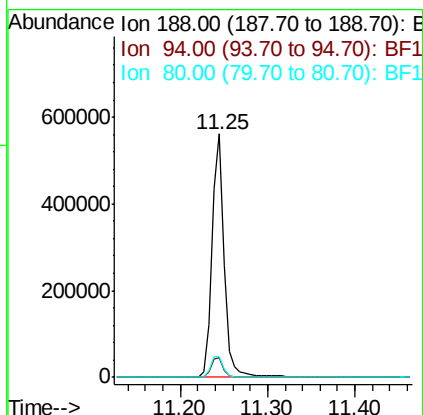
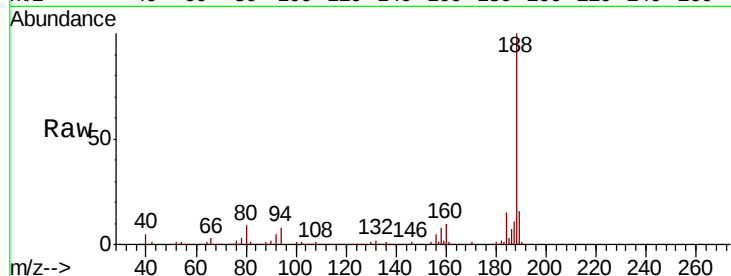




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

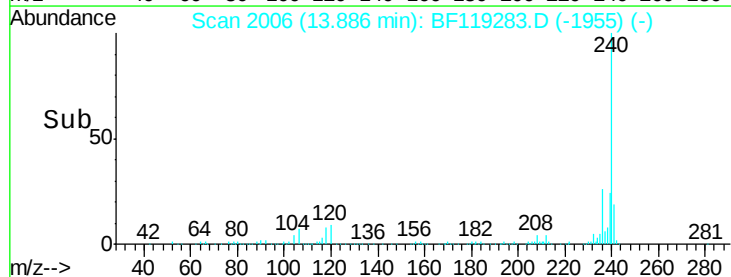
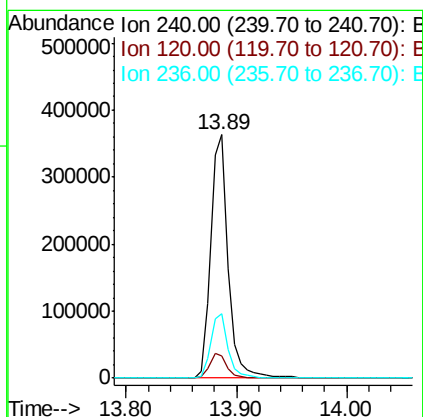
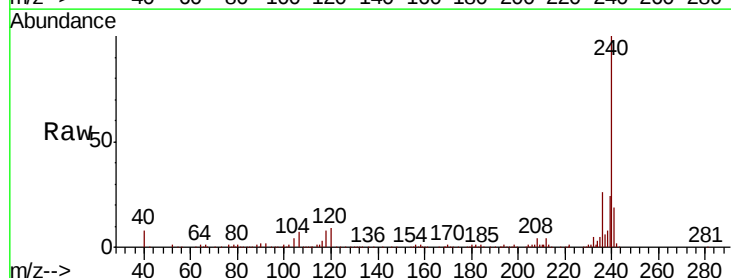
Instrument :
BNA_F
ClientSampleId :
PB127309BL

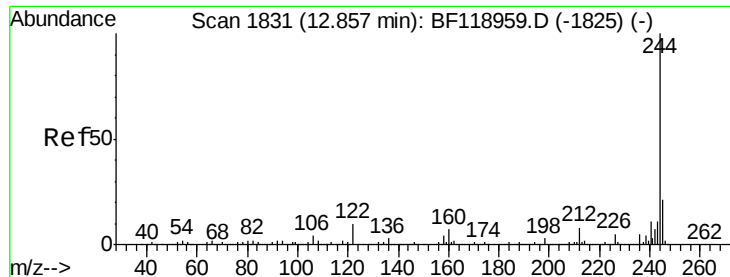
Tot Ion:188 Resp: 542892
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 8.8 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119283.D
Acq: 9 Mar 2020 13:01

Tgt Ion:240 Resp: 387784
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 100.111 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119283.D

Acq: 9 Mar 2020 13:01

Instrument :

BNA_F

ClientSampleId :

PB127309BL

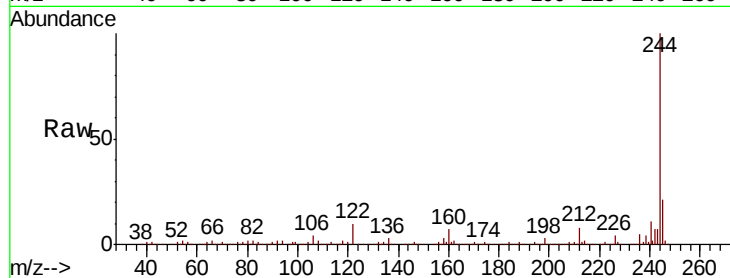
Tot Ion:244 Resp: 2254859

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

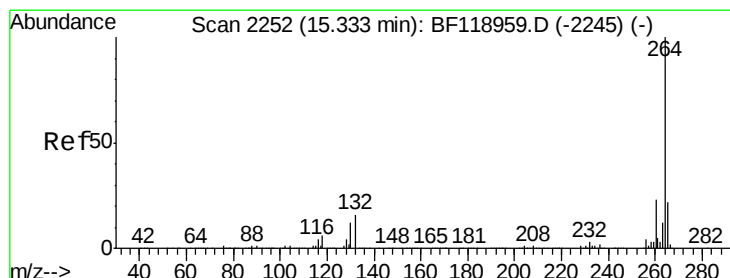
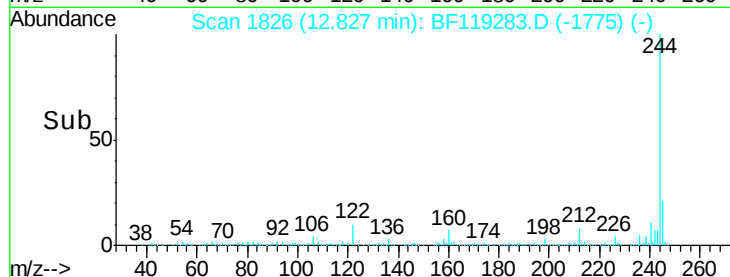
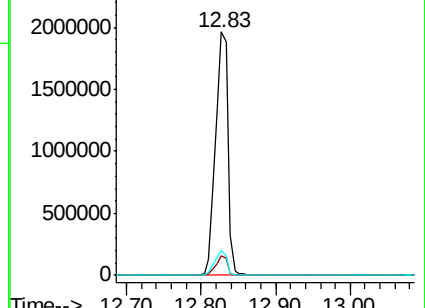
122 10.2 8.2 12.2



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: BF119283.D

Acq: 9 Mar 2020 13:01

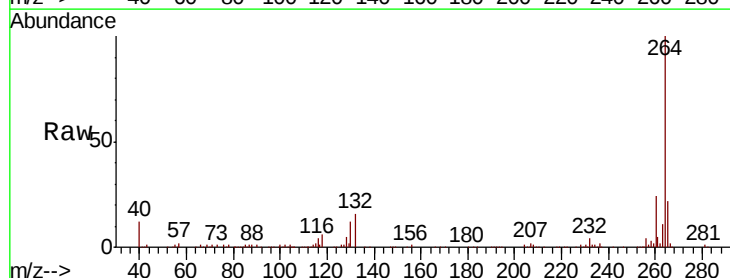
Tgt Ion:264 Resp: 325527

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.1 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

