

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118802.D
 Acq On : 4 Feb 2020 15:27
 Operator : CG/JU
 Sample : PB126569BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126569BL

Quant Time: Feb 04 16:26:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	273580	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1049871	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	607641	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1176846	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	979163	20.00	ng	-0.02
87) Perylene-d12	15.40	264	908315	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1965903	136.02	ng	0.00
7) Phenol-d6	6.45	99	2374299	132.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	1572309	89.27	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	990676	136.26	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	3164042	93.09	ng	-0.01
79) Terphenyl-d14	12.92	244	4158223	87.23	ng	0.00

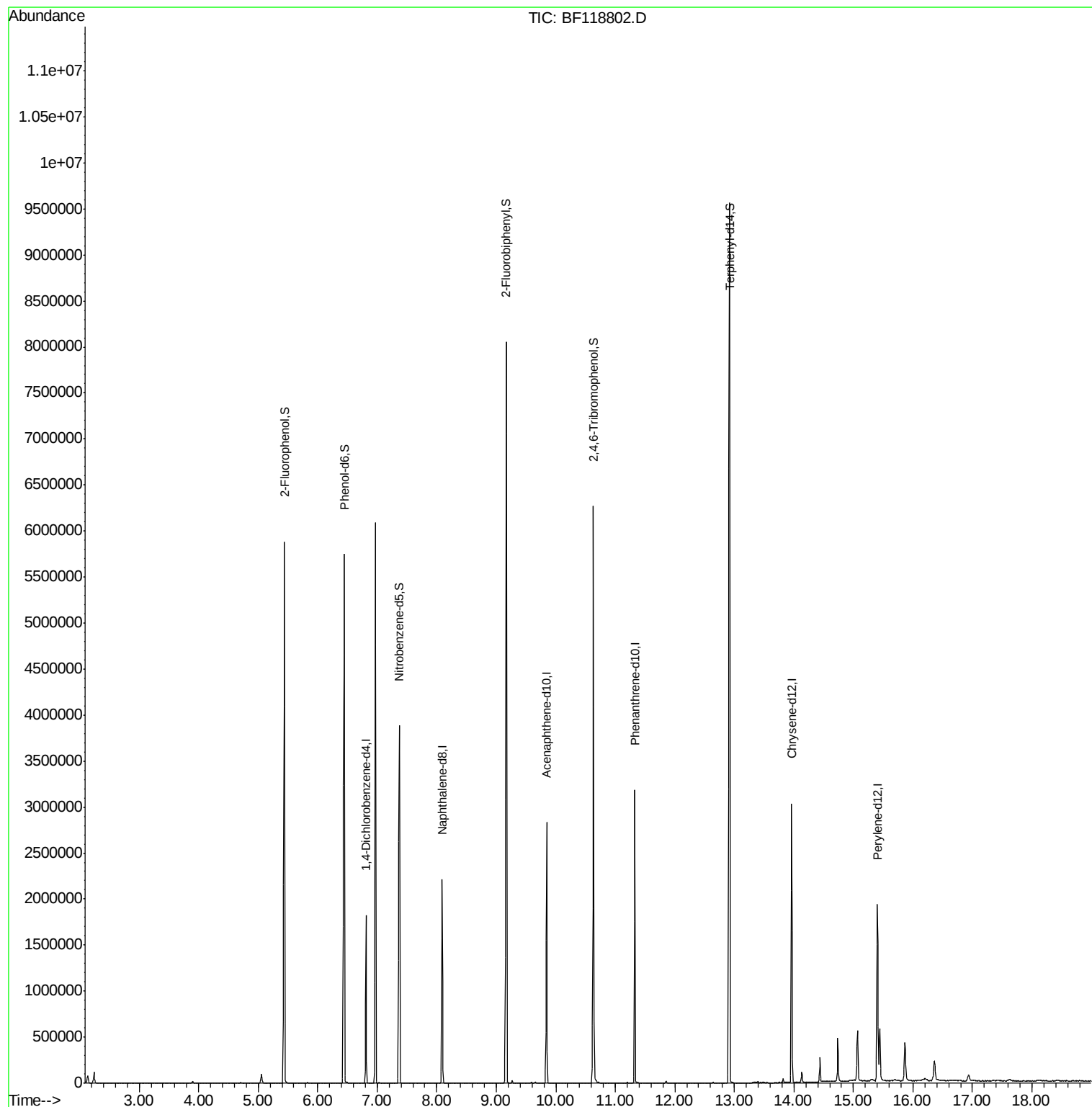
Target Compounds Qvalue

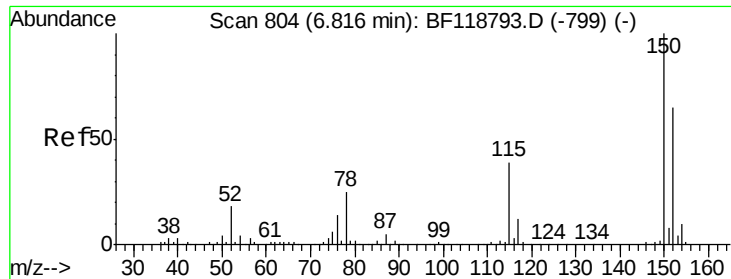
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
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QLast Update : Mon Feb 03 16:26:03 2020
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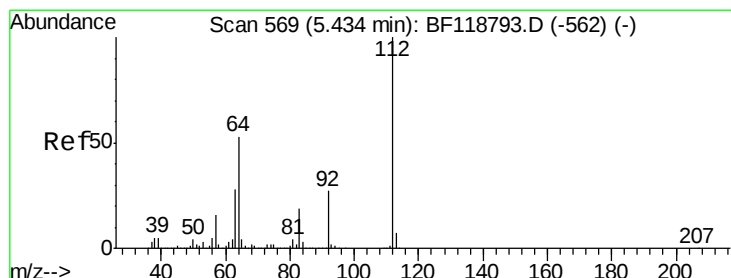
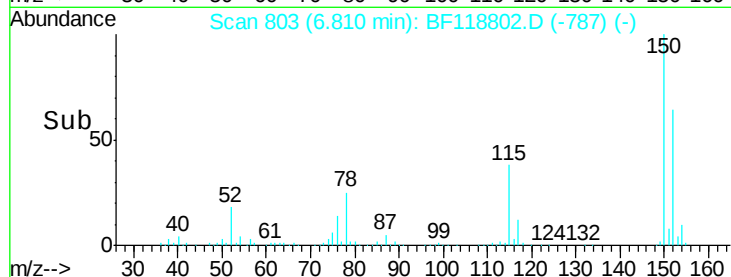
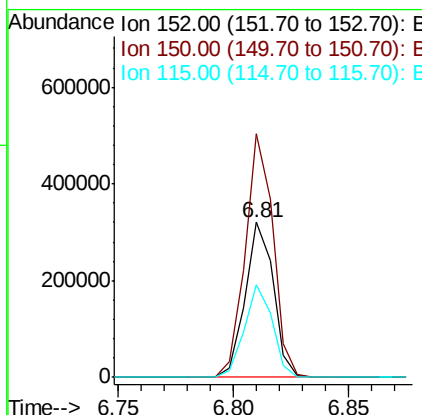
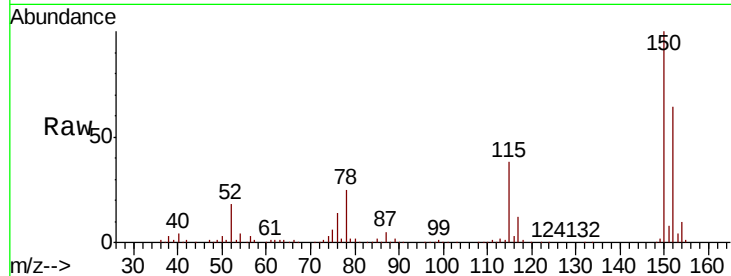


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118802.D
Acq: 4 Feb 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB126569BL

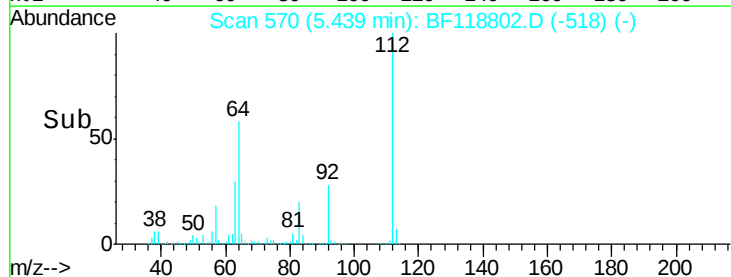
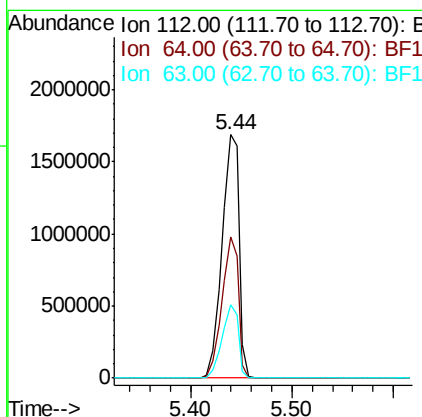
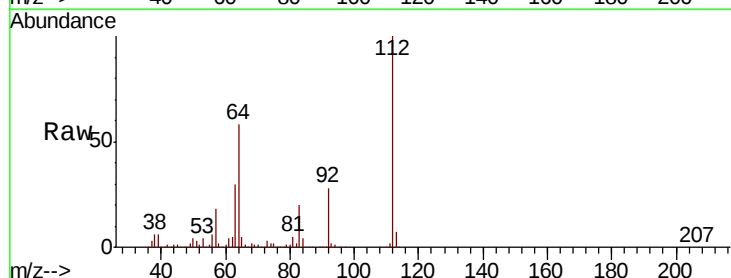
Tot Ion:152 Resp: 273580
Ion Ratio Lower Upper
152 100
150 157.3 123.6 185.4
115 59.9 48.2 72.2

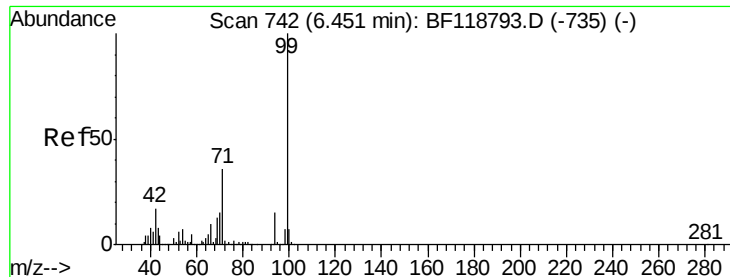


#5

2-Fluorophenol
Concen: 136.023 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF118802.D
Acq: 4 Feb 2020 15:27

Tgt Ion:112 Resp: 1965903
Ion Ratio Lower Upper
112 100
64 57.8 42.6 63.8
63 30.2 22.2 33.4





#7

Phenol-d6

Concen: 132.339 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB126569BL

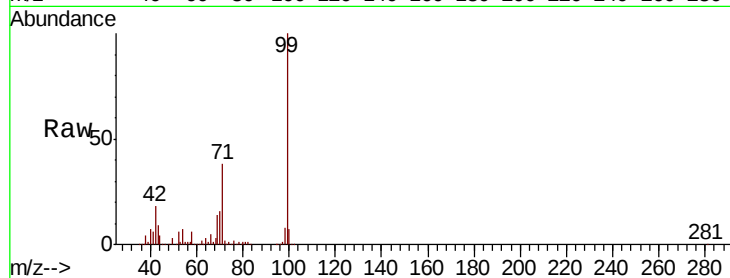
Tot Ion: 99 Resp: 2374299

Ion Ratio Lower Upper

99 100

42 17.7 13.4 20.0

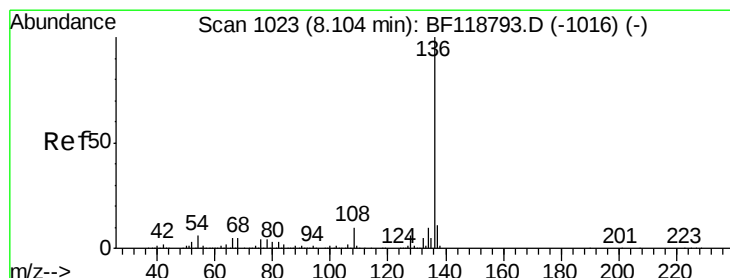
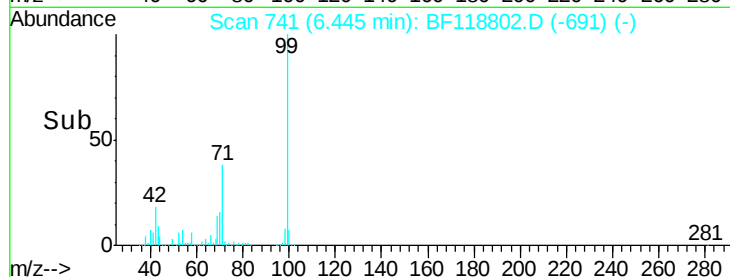
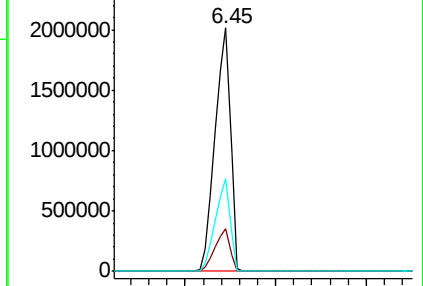
71 38.2 29.0 43.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

Tgt Ion: 136 Resp: 1049871

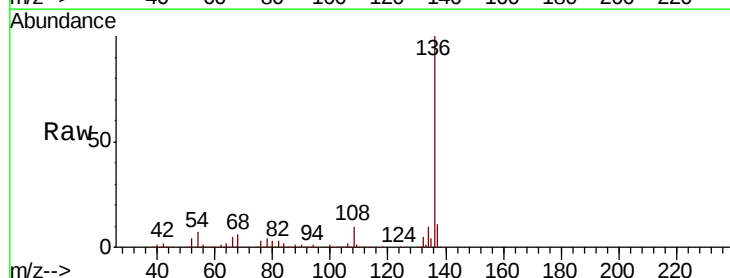
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 5.0 7.6

68 5.8 4.2 6.4

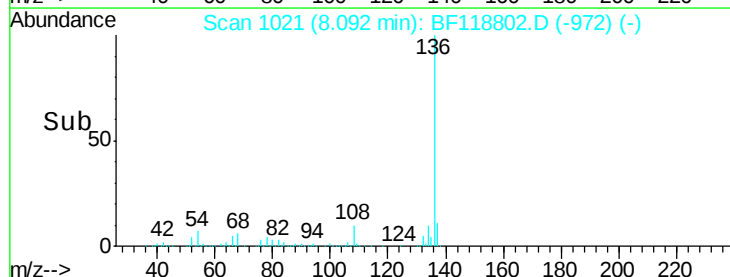
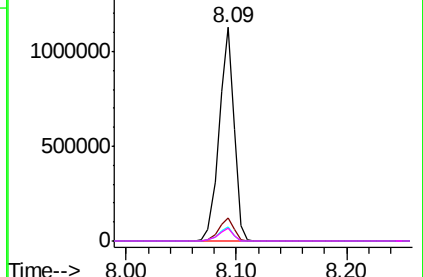


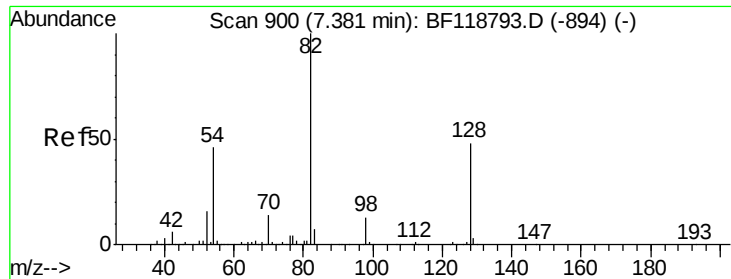
Abundance Ion 136.00 (135.70 to 136.70): E

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

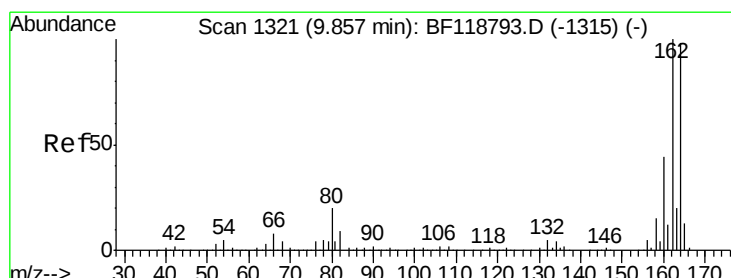
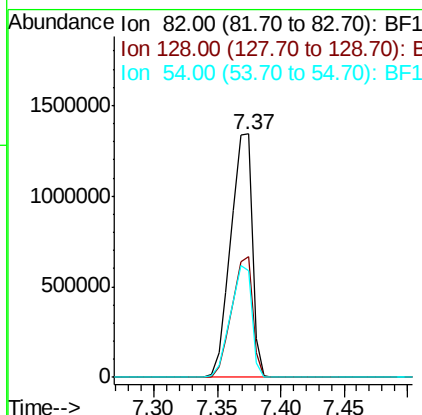
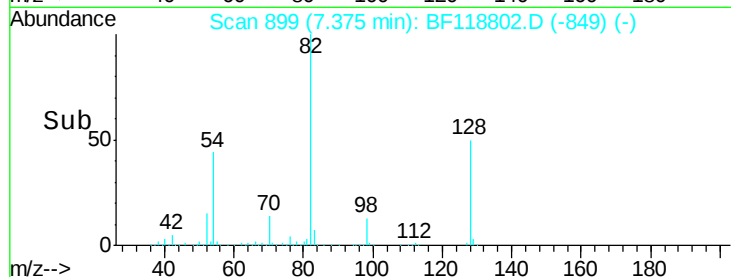
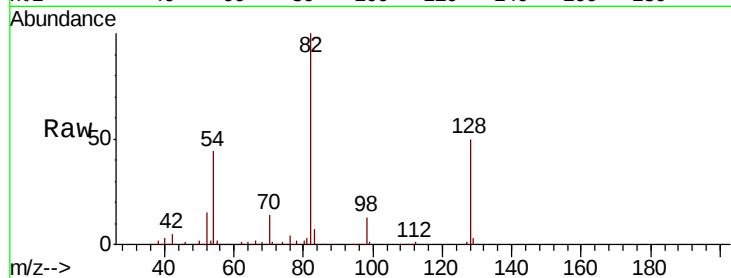




#23
Nitrobenzene-d5
Concen: 89.266 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118802.D
Acq: 4 Feb 2020 15:27

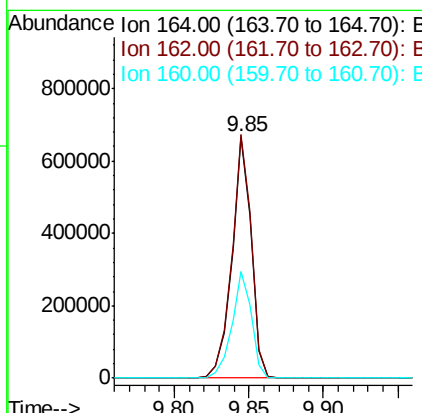
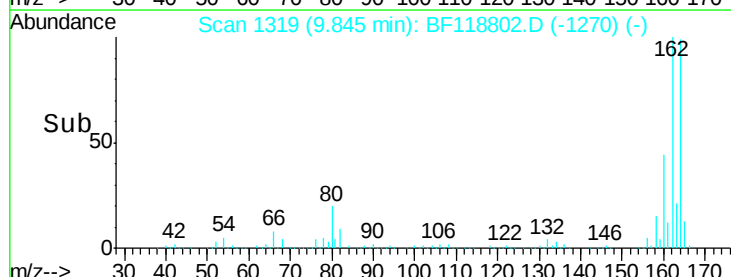
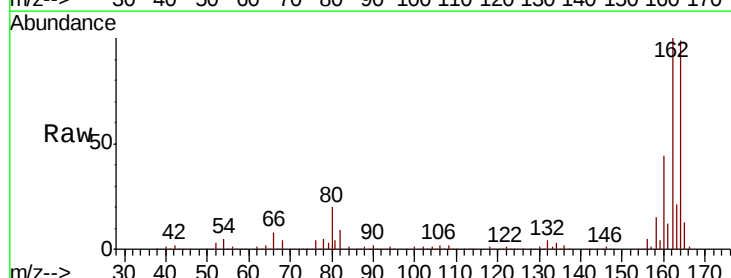
Instrument :
BNA_F
ClientSampleId :
PB126569BL

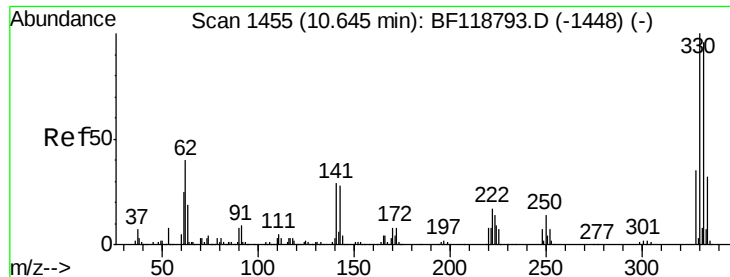
Tot Ion: 82 Resp: 1572309
Ion Ratio Lower Upper
82 100
128 49.8 38.5 57.7
54 44.0 36.7 55.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118802.D
Acq: 4 Feb 2020 15:27

Tgt Ion: 164 Resp: 607641
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.2
160 44.1 35.6 53.4

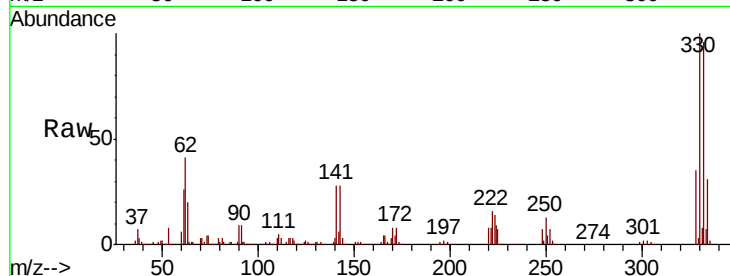




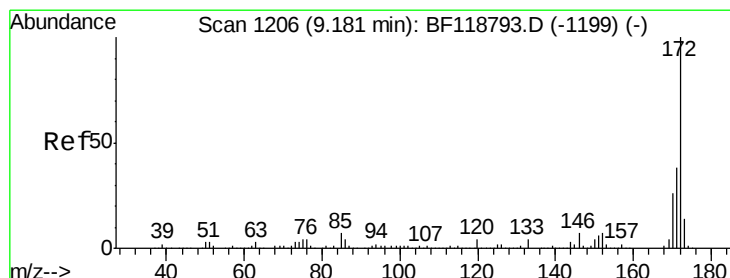
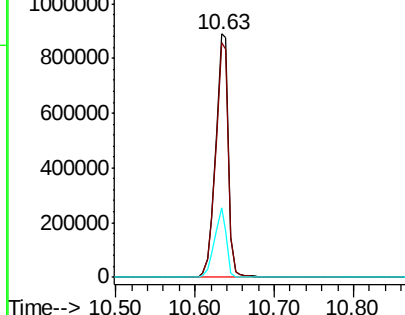
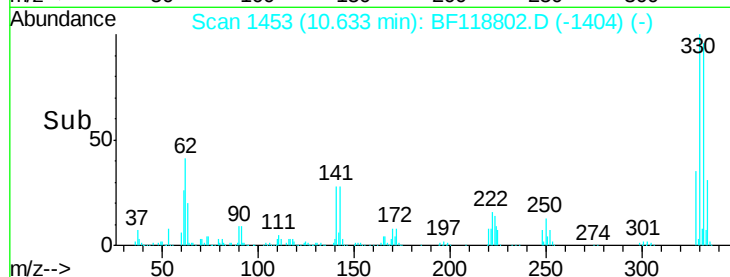
#42
 2,4,6-Tribromophenol
 Concen: 136.258 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118802.D
 Acq: 4 Feb 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB126569BL

Tot Ion:330 Resp: 990676
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 26.8 22.4 33.6

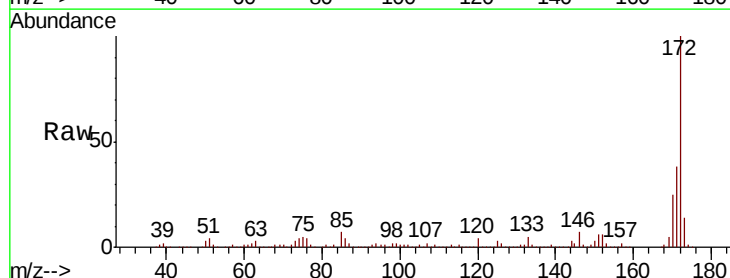


Abundance Ion 329.80 (329.50 to 330.50): E
 1200000 Ion 331.80 (331.50 to 332.50): E
 1000000 Ion 141.00 (140.70 to 141.70): E

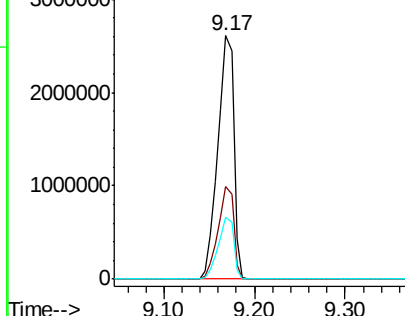
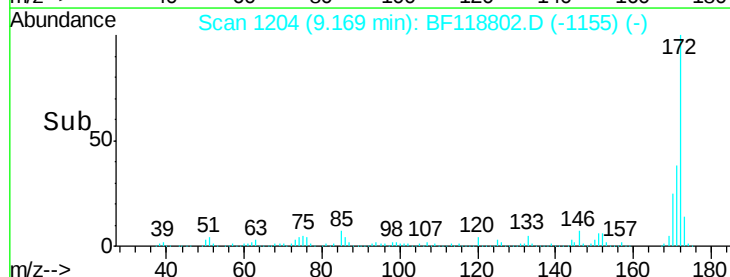


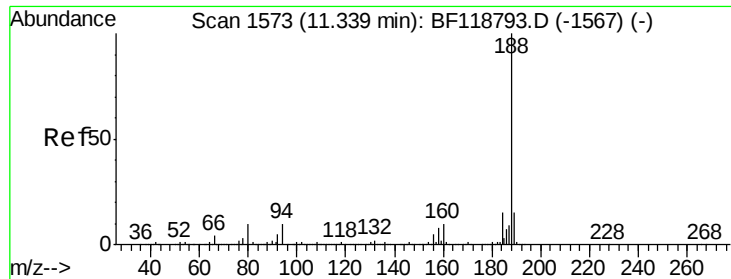
#45
 2-Fluorobiphenyl
 Concen: 93.087 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118802.D
 Acq: 4 Feb 2020 15:27

Tgt Ion:172 Resp: 3164042
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 25.3 20.5 30.7



Abundance Ion 172.00 (171.70 to 172.70): E
 3000000 Ion 171.00 (170.70 to 171.70): E
 2000000 Ion 170.00 (169.70 to 170.70): E

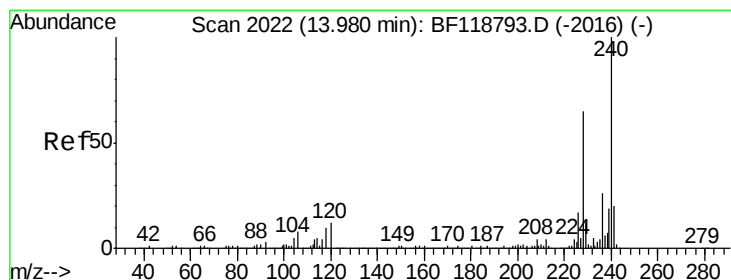
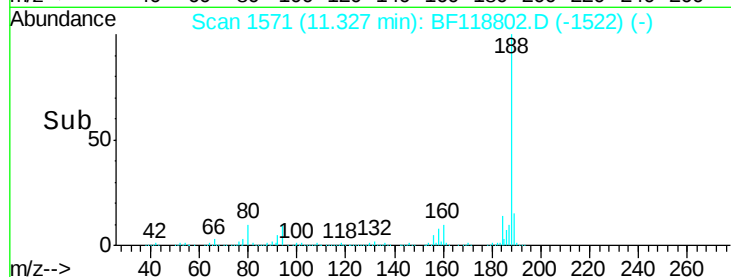
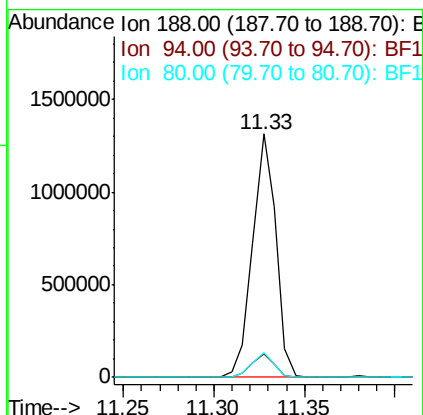
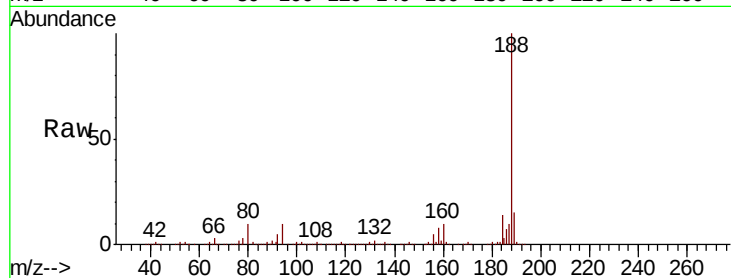




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118802.D
Acq: 4 Feb 2020 15:27

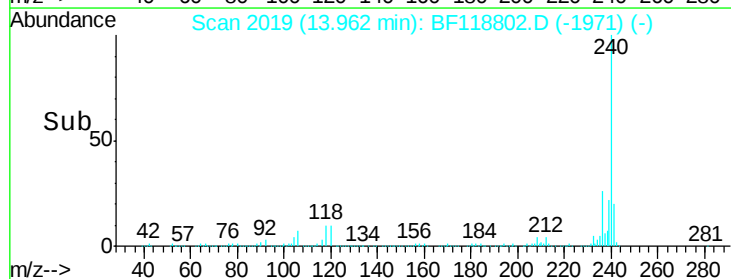
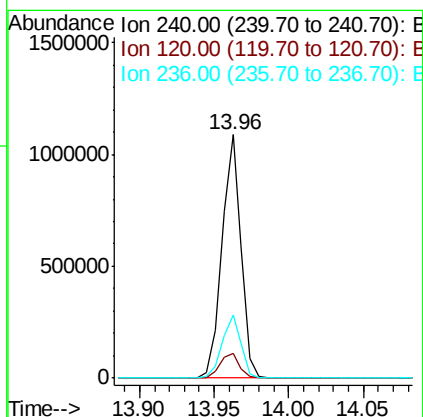
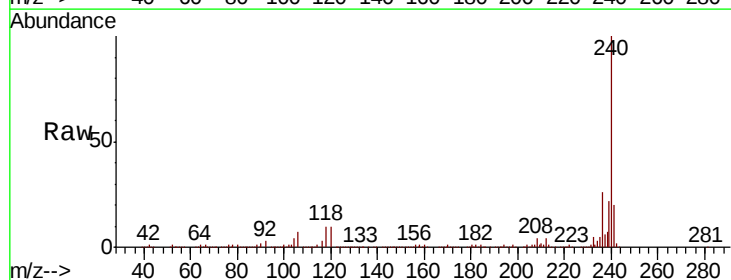
Instrument :
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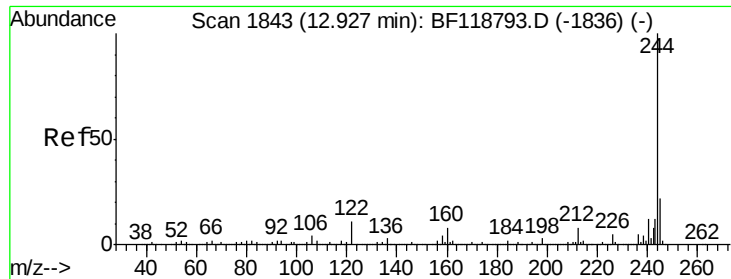
Tot Ion:188 Resp: 1176846
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.2 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118802.D
Acq: 4 Feb 2020 15:27

Tgt Ion:240 Resp: 979163
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.0
236 26.0 21.0 31.6





#79

Terphenyl-d14

Concen: 87.229 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB126569BL

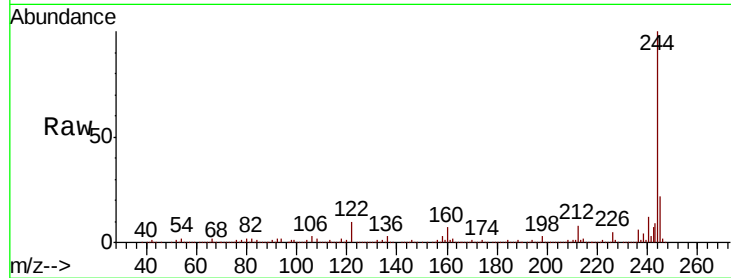
Tot Ion:244 Resp: 4158223

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

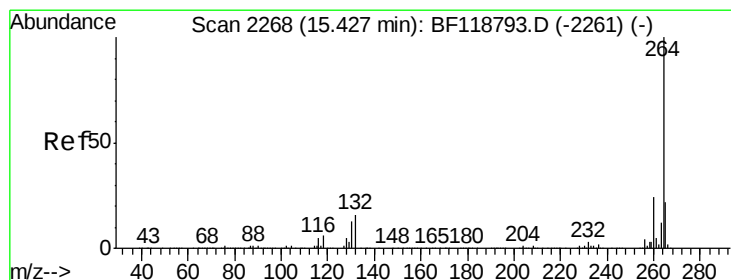
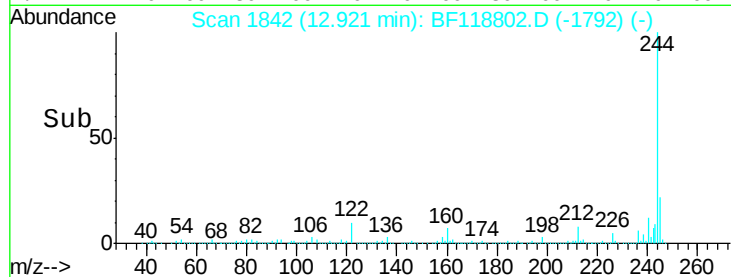
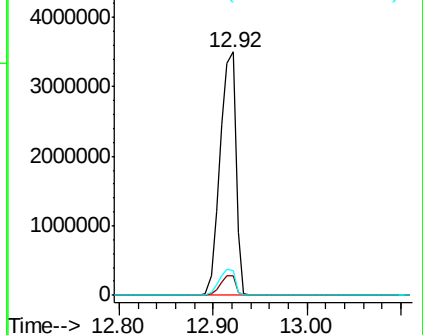
122 10.0 8.9 13.3



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: 15.40 min Scan# 2264

Delta R.T. -0.02 min

Lab File: BF118802.D

Acq: 4 Feb 2020 15:27

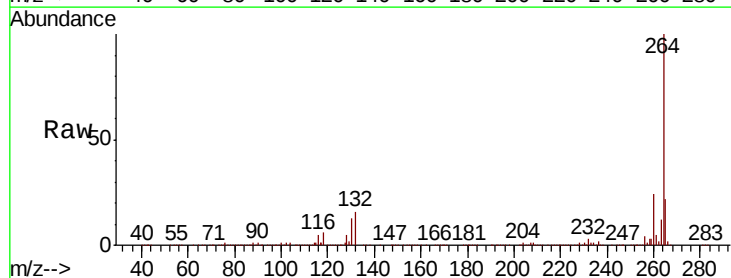
Tgt Ion:264 Resp: 908315

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.9 17.2 25.8



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

