

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111251.D
 Acq On : 10 Dec 2018 19:24
 Operator : JU/SJ
 Sample : PB115431BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BL

Quant Time: Dec 11 05:43:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	532961	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2156658	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	1029690	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1649504	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1335390	20.00	ng	0.00
87) Perylene-d12	15.39	264	1149326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3687566	109.26	ng	0.02
7) Phenol-d6	6.43	99	4624301	110.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	3067969	79.79	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	986459	108.15	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4821304	79.93	ng	0.00
79) Terphenyl-d14	12.91	244	4316149	77.53	ng	0.00

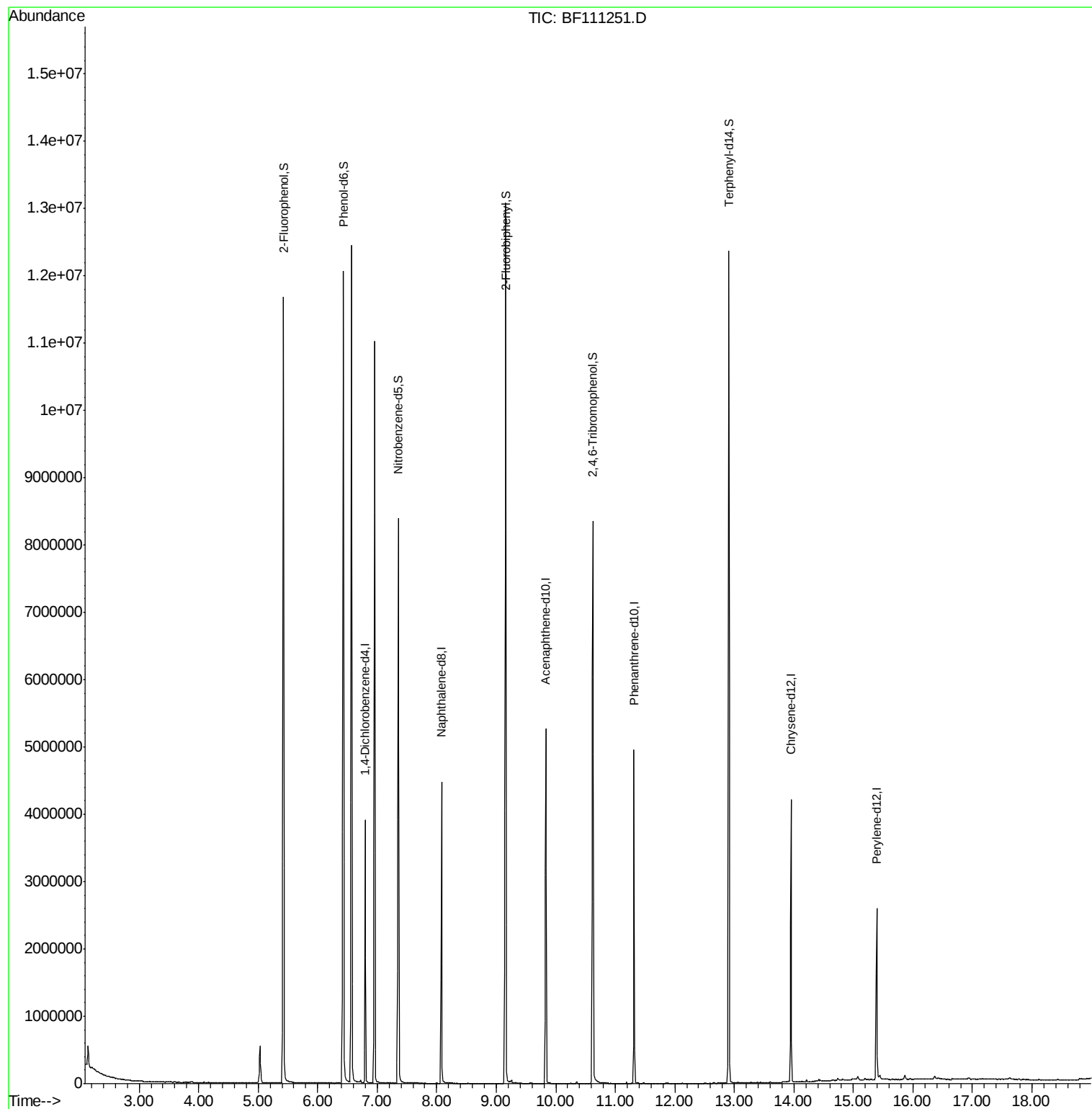
Target Compounds Qvalue

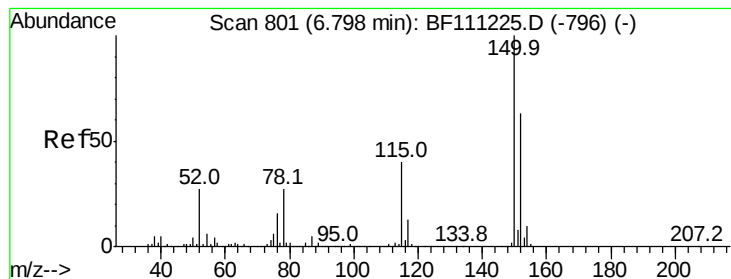
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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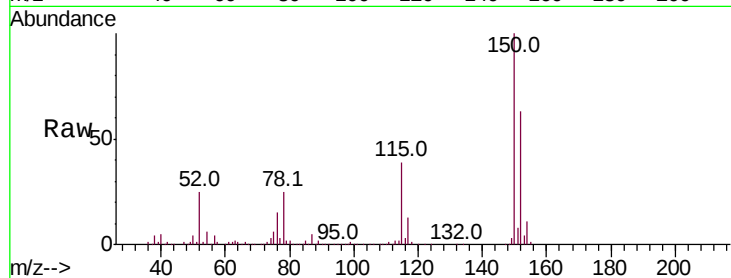


#1

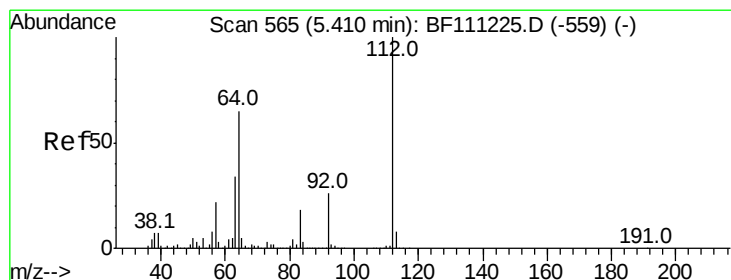
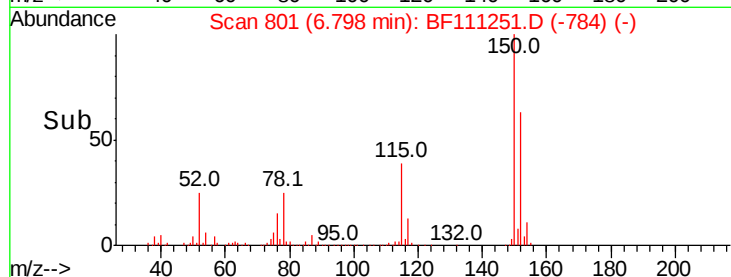
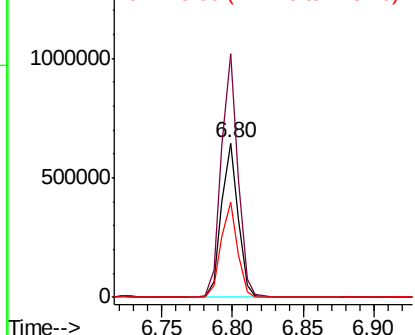
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

Instrument :
BNA_F
ClientSampleId :
PB115431BL

Tot Ion:152 Resp: 532961
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 61.6 50.7 76.1



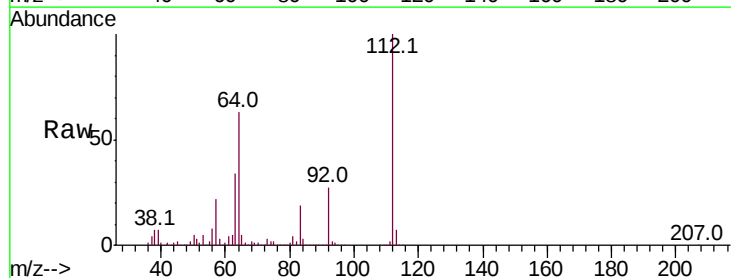
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



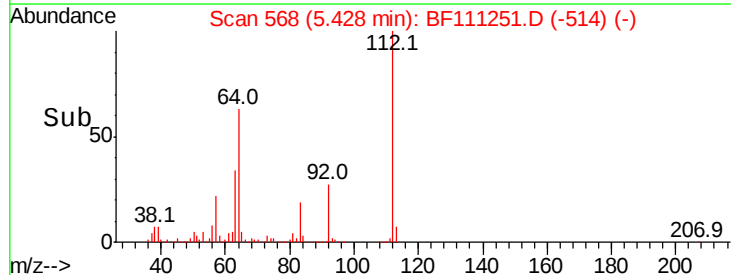
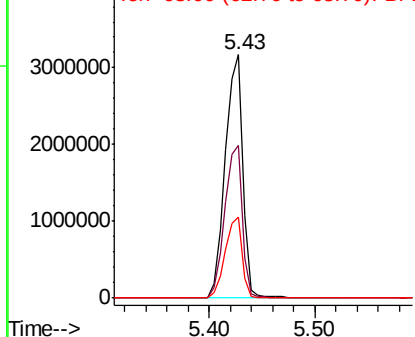
#5

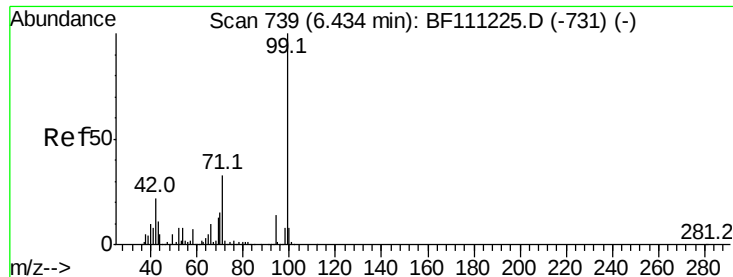
2-Fluorophenol
Concen: 109.256 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

Tgt Ion:112 Resp: 3687566
Ion Ratio Lower Upper
112 100
64 62.7 51.8 77.6
63 33.5 26.8 40.2



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: 110.247 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

Instrument :

BNA_F

ClientSampleId :

PB115431BL

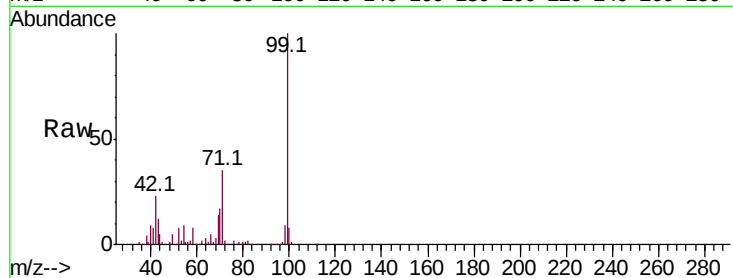
Tot Ion: 99 Resp: 4624301

Ion Ratio Lower Upper

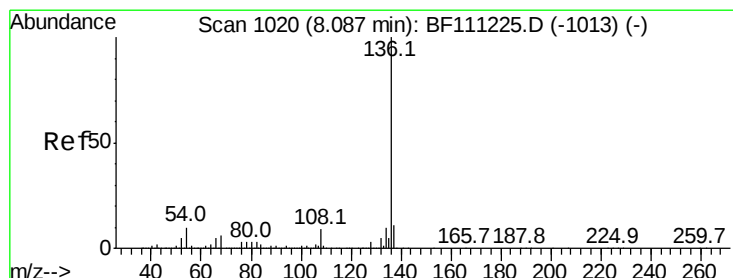
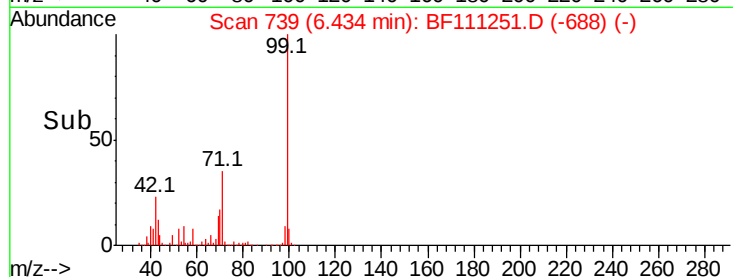
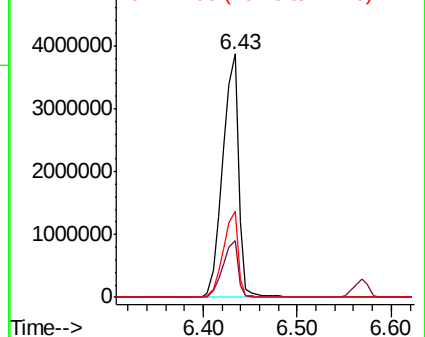
99 100

42 23.4 17.4 26.0

71 35.3 26.1 39.1



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

Tgt Ion: 136 Resp: 2156658

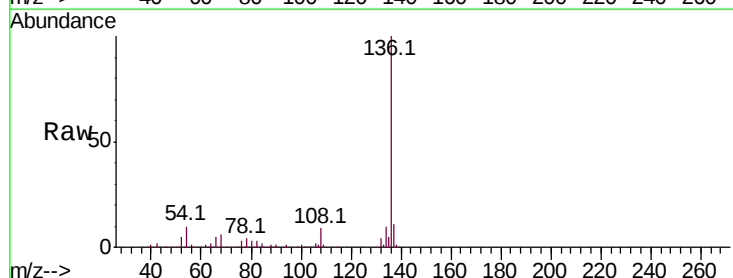
Ion Ratio Lower Upper

136 100

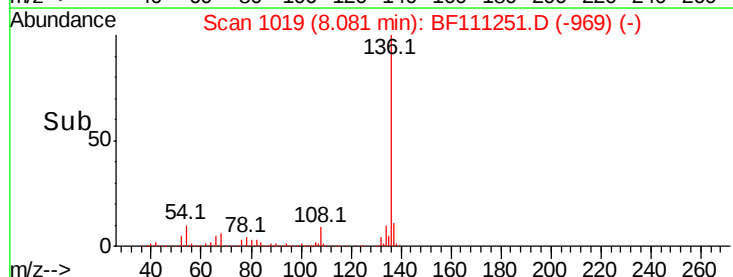
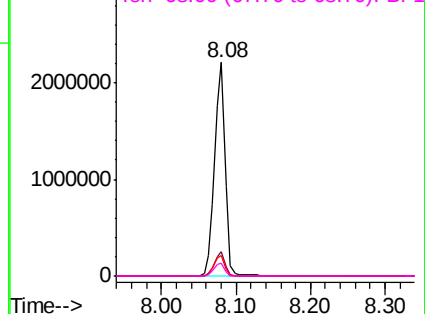
137 11.4 9.1 13.7

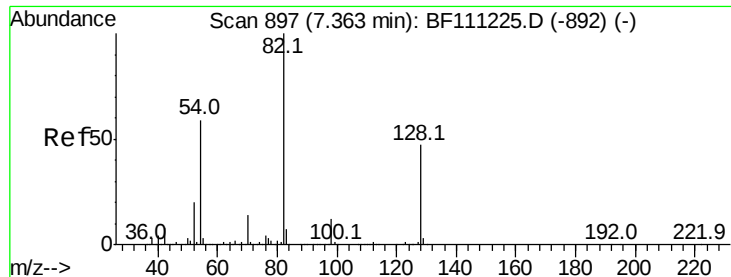
54 9.6 7.7 11.5

68 6.0 4.9 7.3



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

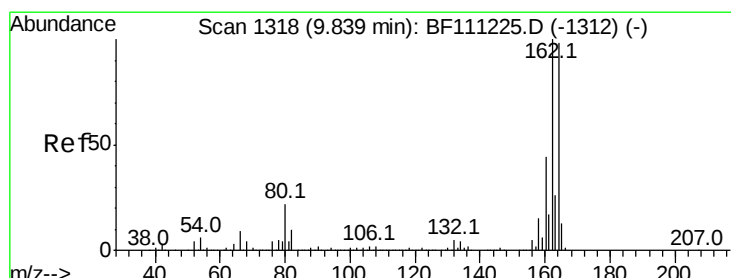
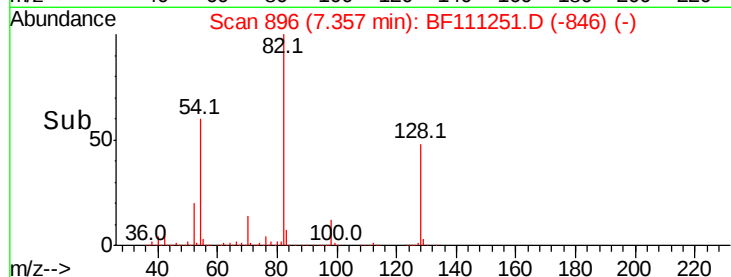
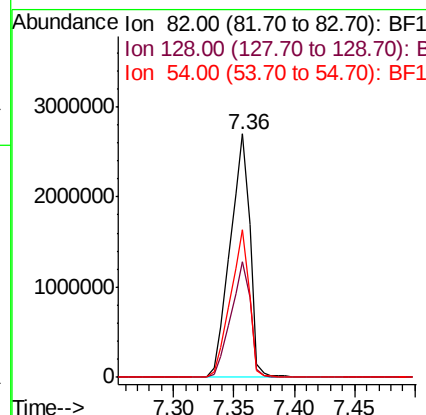
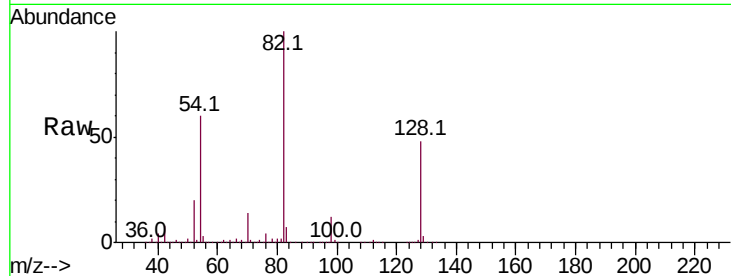




#23
Nitrobenzene-d5
Concen: 79.789 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

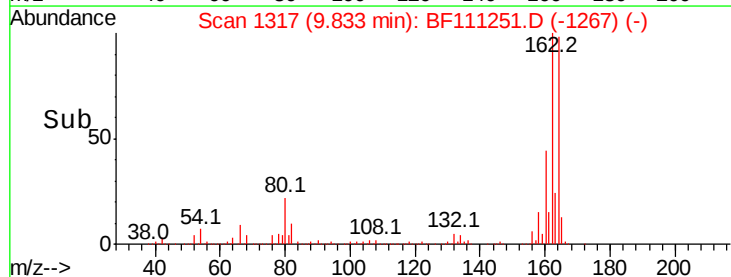
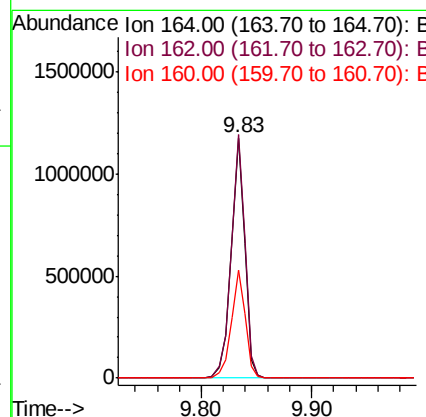
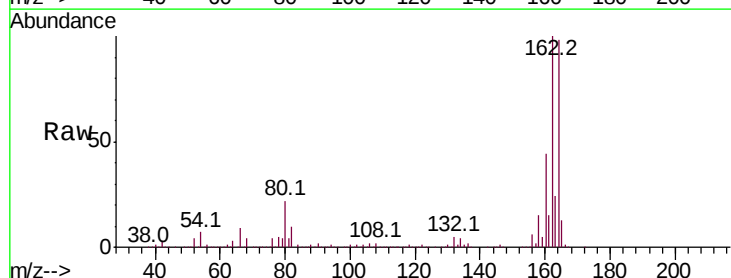
Instrument :
BNA_F
ClientSampleId :
PB115431BL

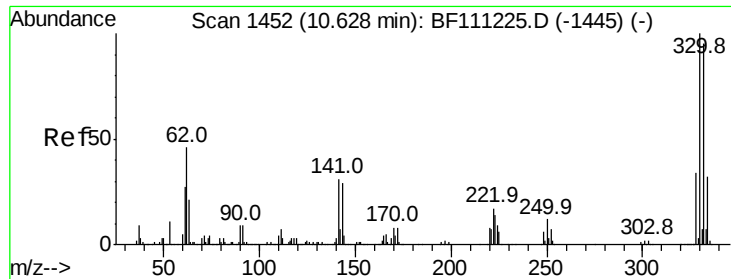
Tot Ion: 82 Resp: 3067969
Ion Ratio Lower Upper
82 100
128 47.6 37.4 56.2
54 60.5 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

Tgt Ion:164 Resp: 1029690
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 45.1 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 108.151 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

Instrument :

BNA_F

ClientSampleId :

PB115431BL

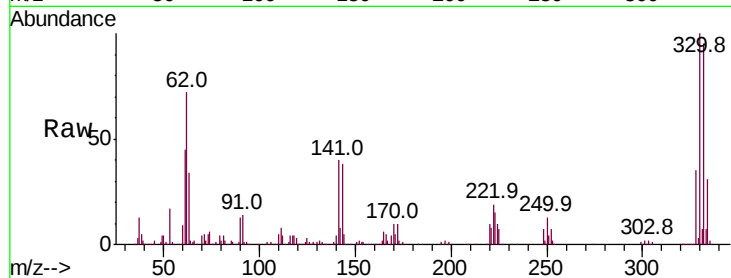
Tot Ion:330 Resp: 986459

Ion Ratio Lower Upper

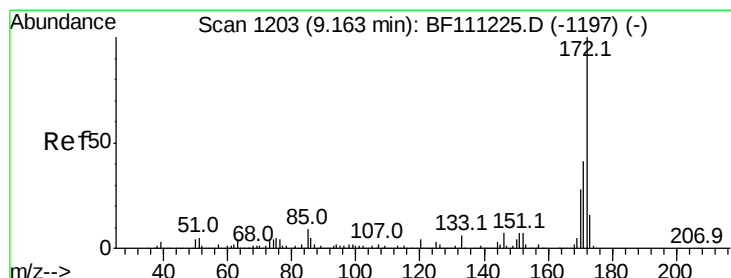
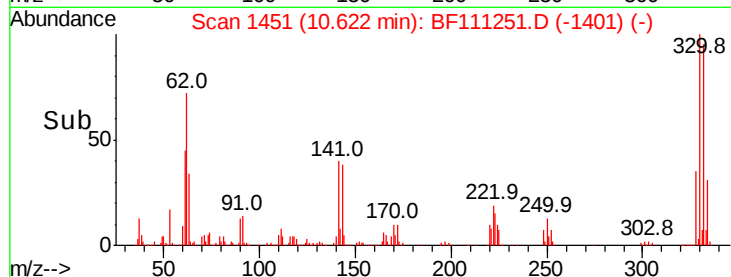
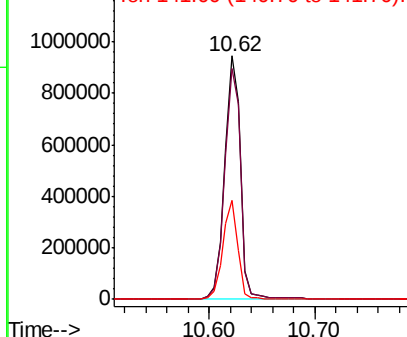
330 100

332 96.8 76.0 114.0

141 39.2 31.0 46.6



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: 79.931 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111251.D

Acq: 10 Dec 2018 19:24

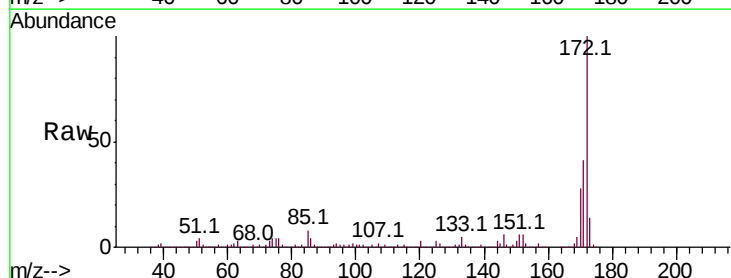
Tgt Ion:172 Resp: 4821304

Ion Ratio Lower Upper

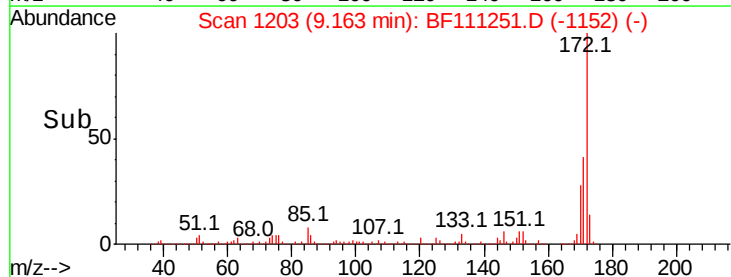
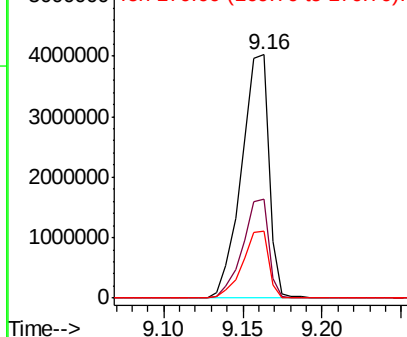
172 100

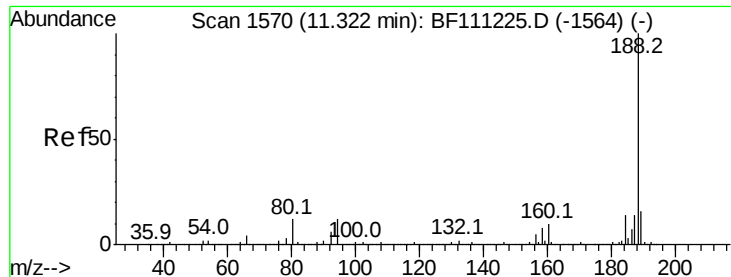
171 40.5 33.0 49.4

170 27.7 22.3 33.5



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

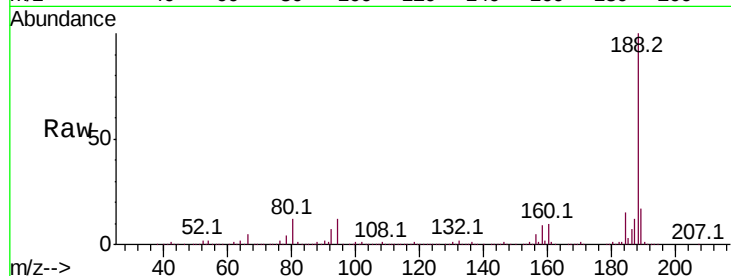




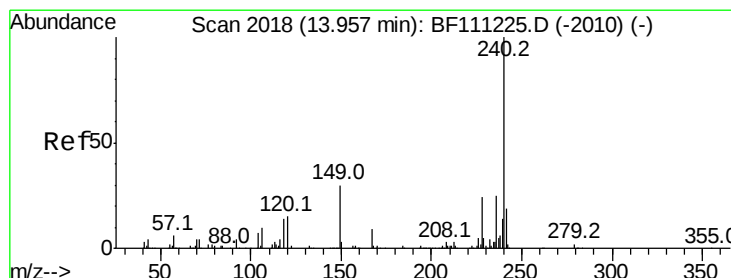
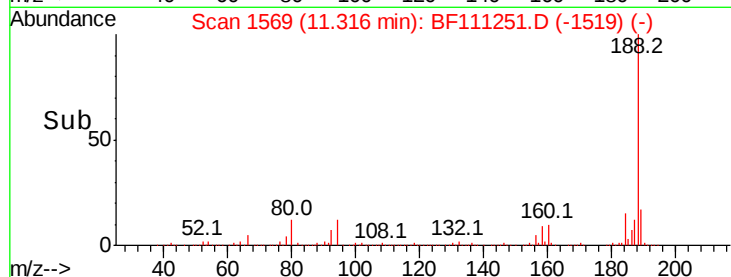
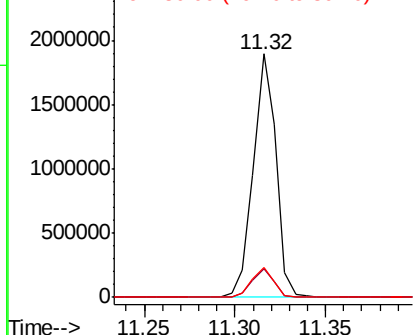
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

Instrument :
BNA_F
ClientSampleId :
PB115431BL

Tot Ion:188 Resp: 1649504
Ion Ratio Lower Upper
188 100
94 11.9 9.6 14.4
80 12.2 9.8 14.6

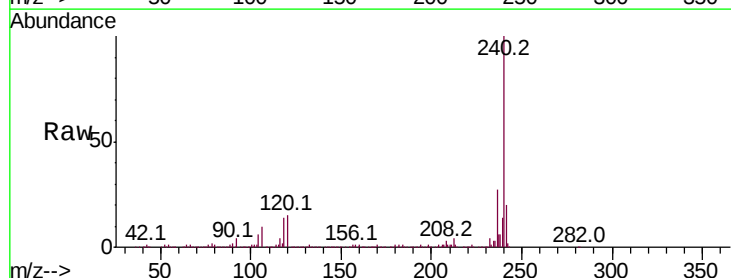


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

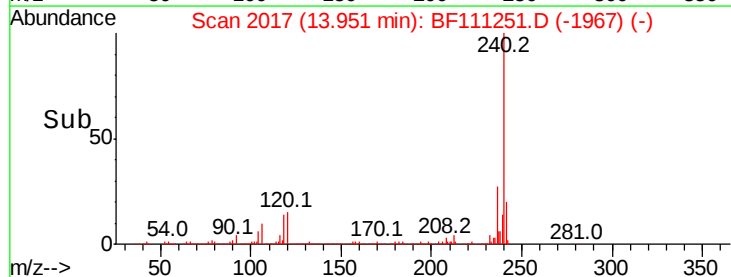
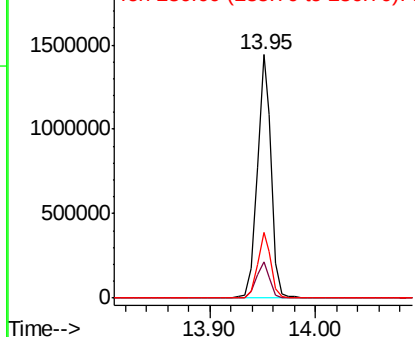


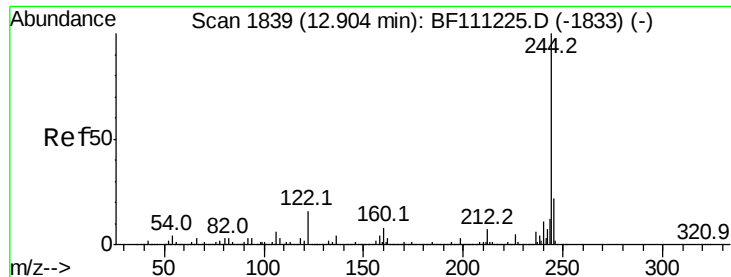
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111251.D
Acq: 10 Dec 2018 19:24

Tgt Ion:240 Resp: 1335390
Ion Ratio Lower Upper
240 100
120 15.0 12.2 18.2
236 26.8 20.2 30.2



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

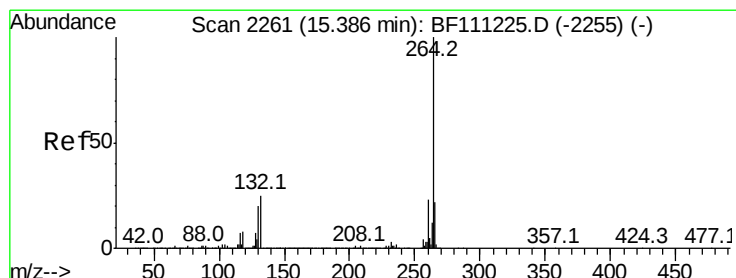
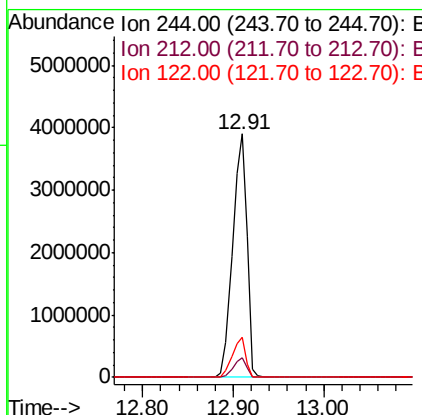
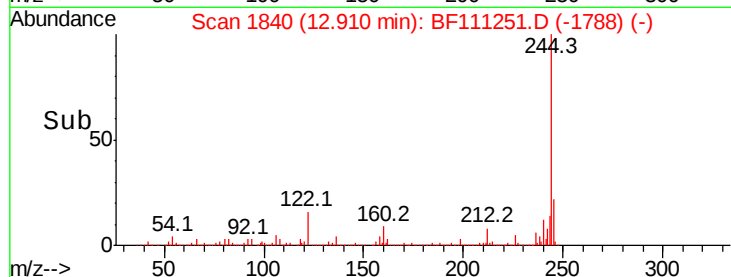
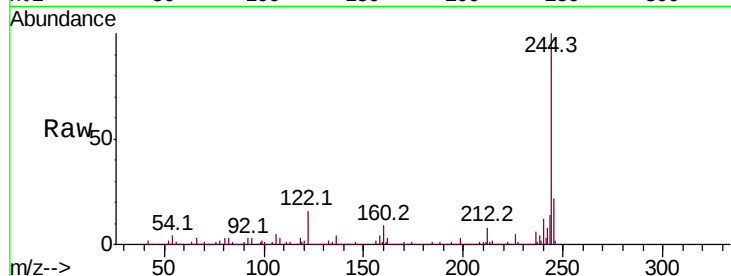




#79
 Terphenyl-d14
 Concen: 77.527 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111251.D
 Acq: 10 Dec 2018 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB115431BL

Tot Ion:244 Resp: 4316149
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 16.3 13.1 19.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111251.D
 Acq: 10 Dec 2018 19:24

Tgt Ion:264 Resp: 1149326
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 20.9 17.7 26.5

