

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111246.D
 Acq On : 10 Dec 2018 17:06
 Operator : JU/SJ
 Sample : PB115384BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BL

Quant Time: Dec 11 04:51:46 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	568930	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2331186	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	1135671	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	2034174	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1584778	20.00	ng	0.00
87) Perylene-d12	15.41	264	1314896	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3749855	104.08	ng	0.02
7) Phenol-d6	6.43	99	4694780	104.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	3128676	75.28	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	1085262	107.88	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	5010219	73.61	ng	0.00
79) Terphenyl-d14	12.91	244	4763827	72.10	ng	0.00

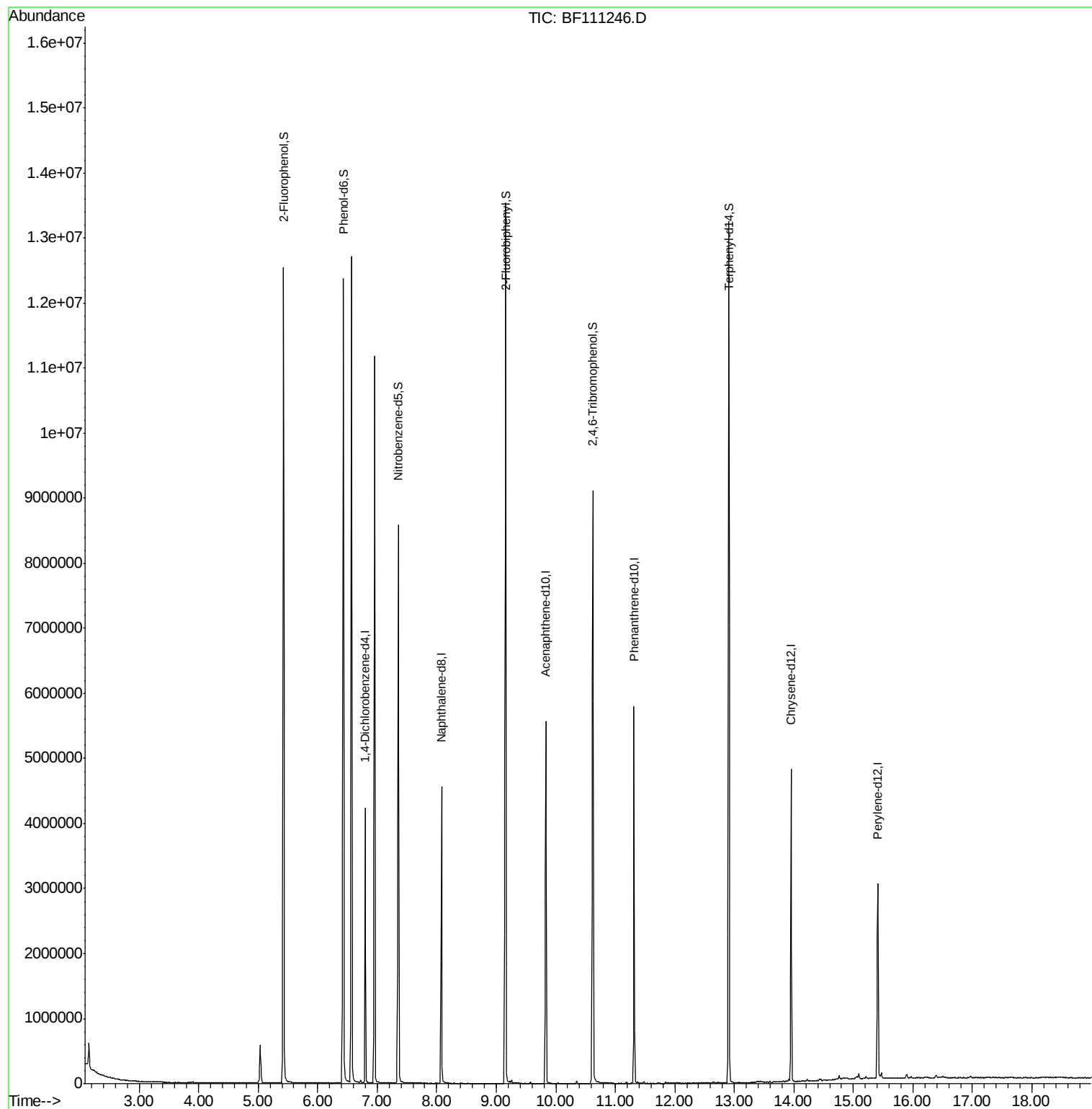
Target Compounds Qvalue

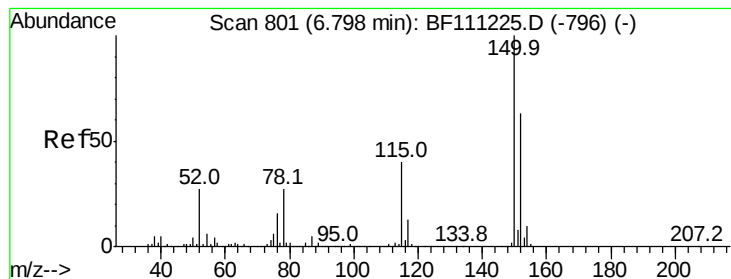
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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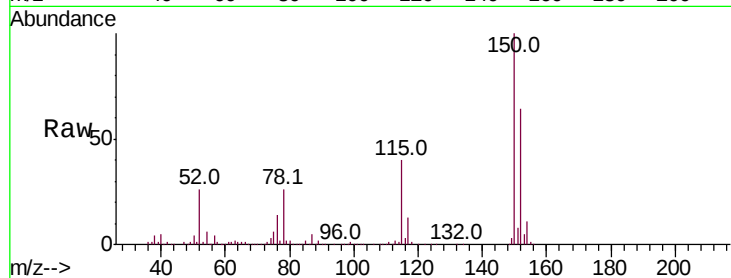


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111246.D
Acq: 10 Dec 2018 17:06

Instrument :
BNA_F
ClientSampleId :
PB115384BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.6	189.8
115	61.8	50.7	76.1

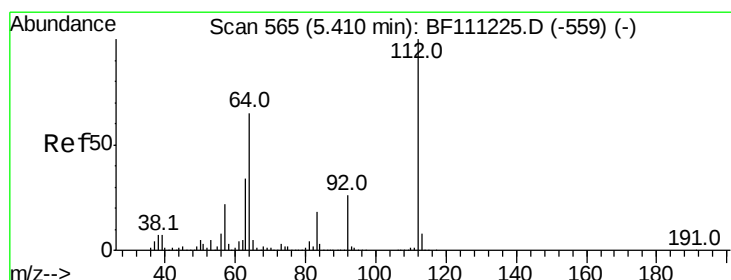
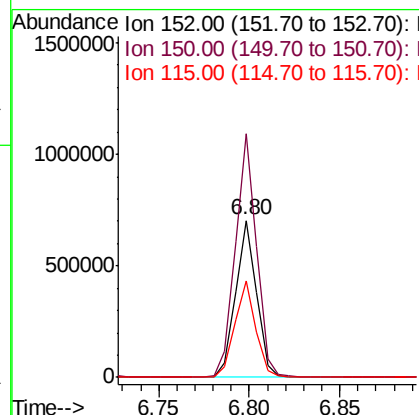
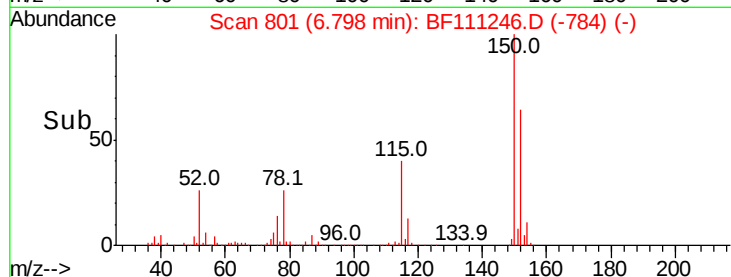


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

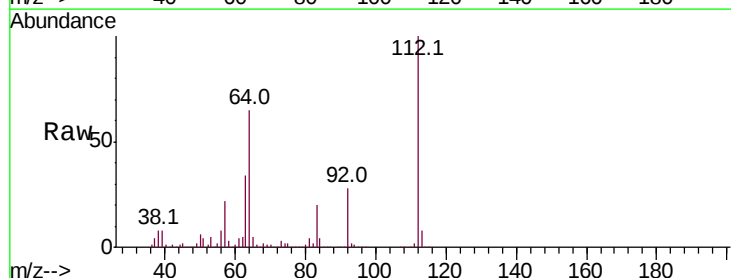
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.078 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111246.D
Acq: 10 Dec 2018 17:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	51.8	77.6
63	34.3	26.8	40.2

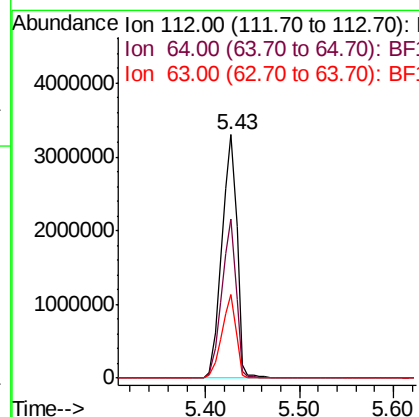
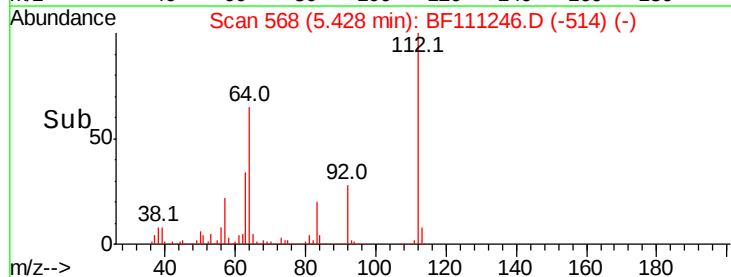


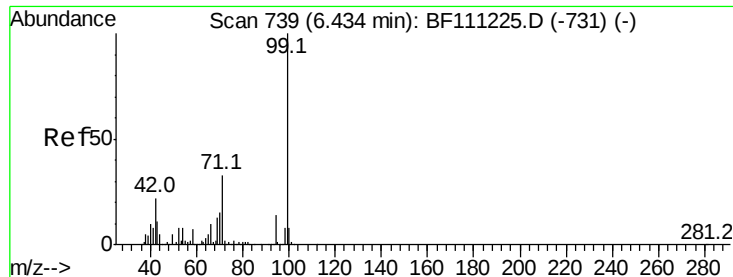
Abundance

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: 104.851 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111246.D

Acq: 10 Dec 2018 17:06

Instrument :

BNA_F

ClientSampleId :

PB115384BL

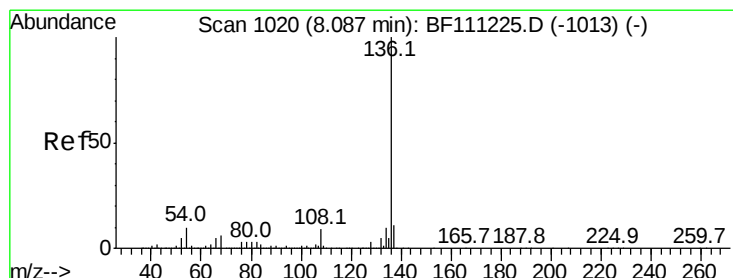
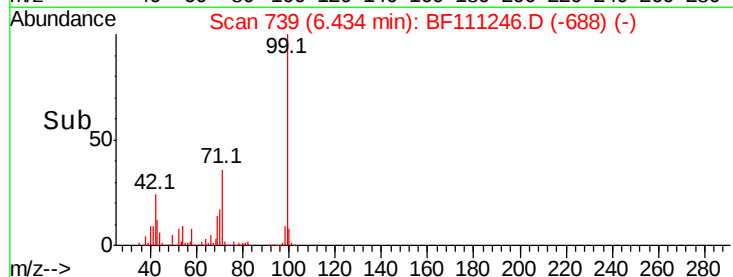
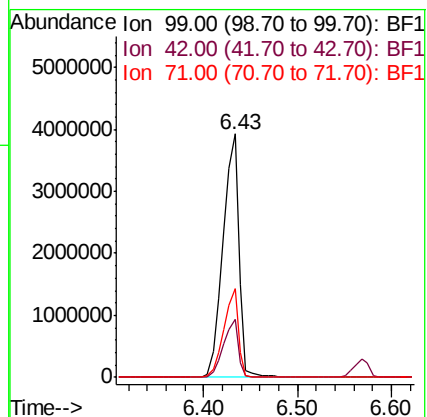
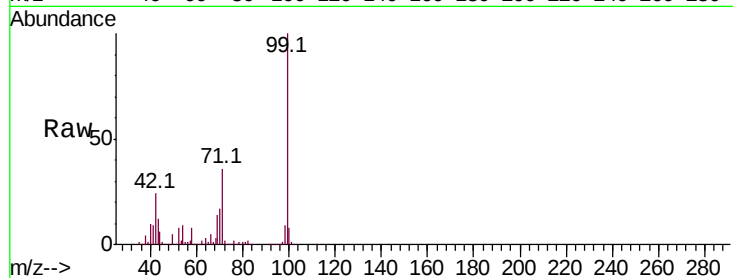
Tot Ion: 99 Resp: 4694780

Ion Ratio Lower Upper

99 100

42 24.1 17.4 26.0

71 36.3 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF111246.D

Acq: 10 Dec 2018 17:06

Tgt Ion: 136 Resp: 2331186

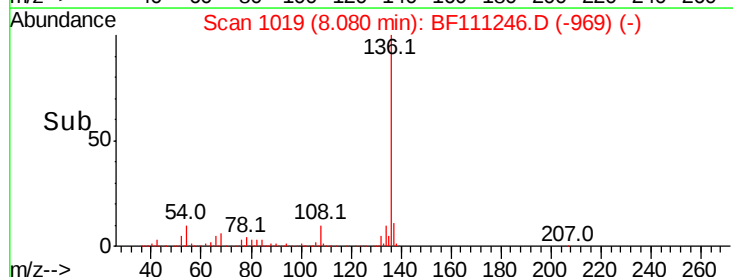
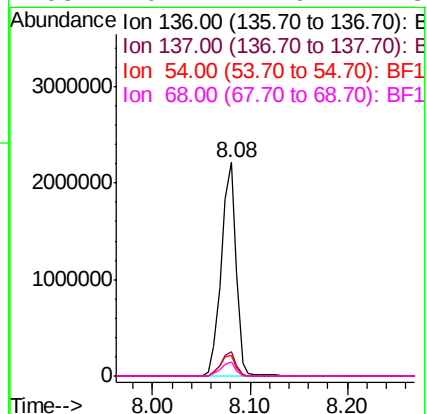
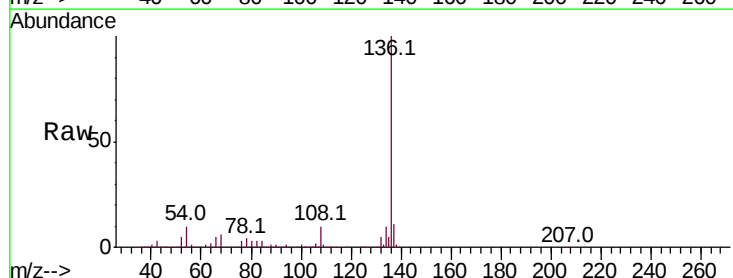
Ion Ratio Lower Upper

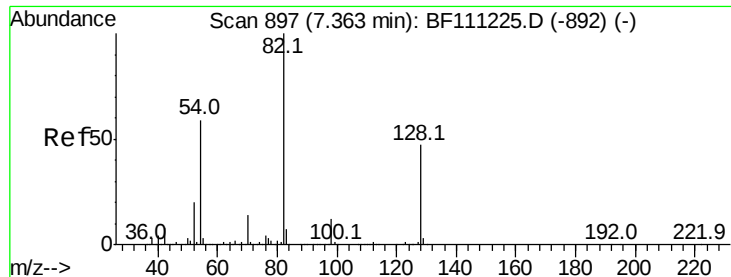
136 100

137 11.1 9.1 13.7

54 9.9 7.7 11.5

68 6.4 4.9 7.3

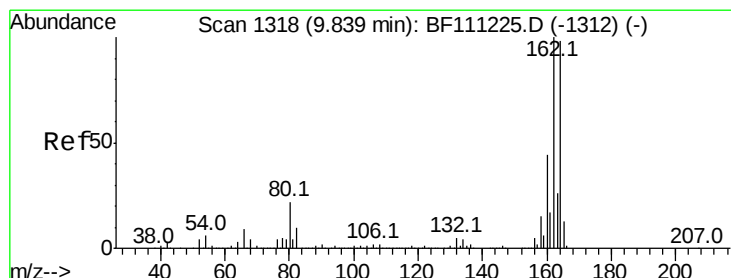
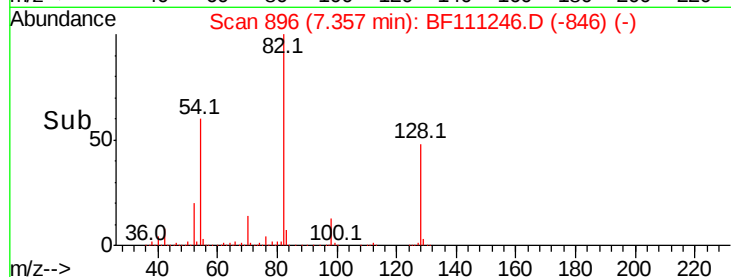
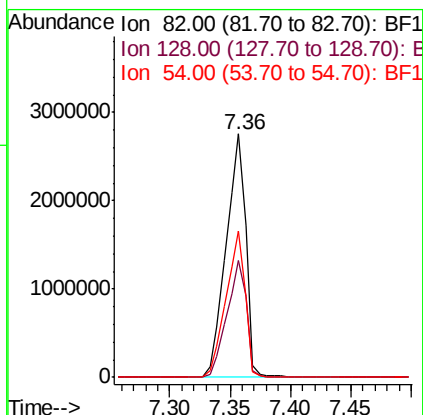
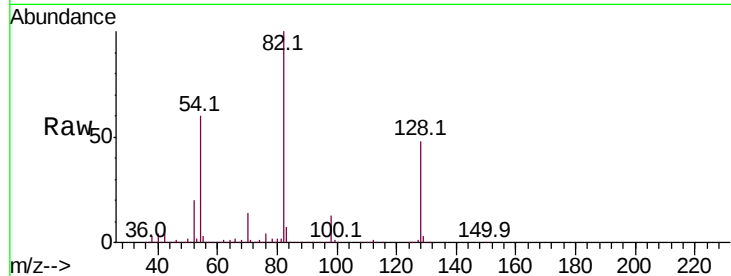




#23
Nitrobenzene-d5
Concen: 75.276 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111246.D
Acq: 10 Dec 2018 17:06

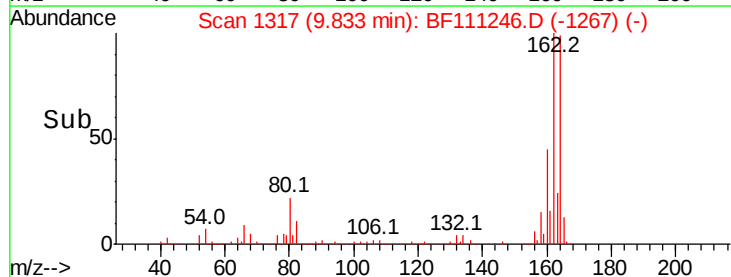
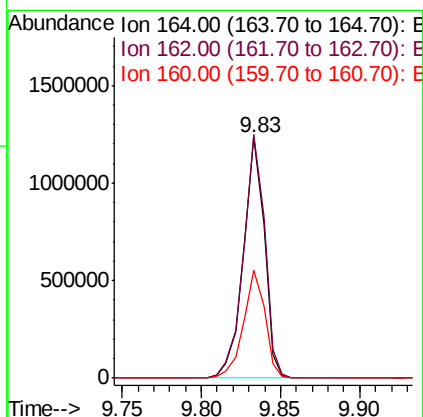
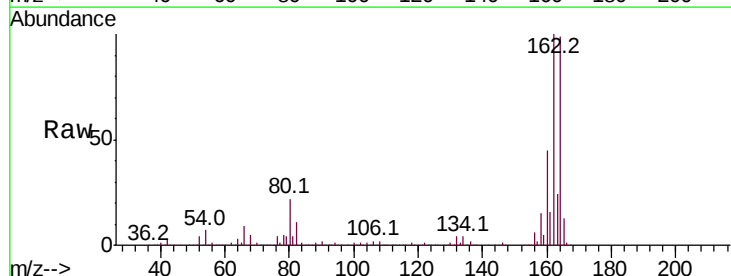
Instrument :
BNA_F
ClientSampleId :
PB115384BL

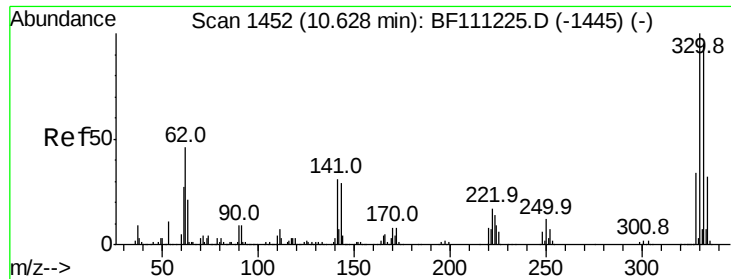
Tot Ion: 82 Resp: 3128676
Ion Ratio Lower Upper
82 100
128 47.9 37.4 56.2
54 60.3 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111246.D
Acq: 10 Dec 2018 17:06

Tgt Ion:164 Resp: 1135671
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 45.1 35.7 53.5

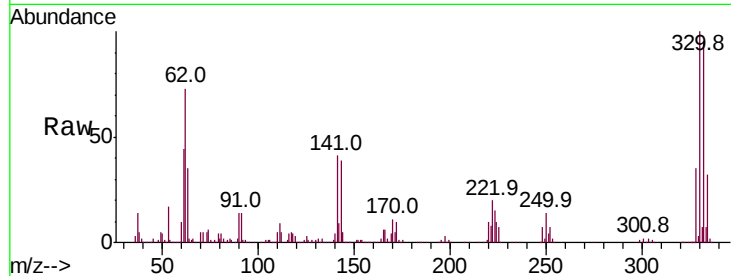




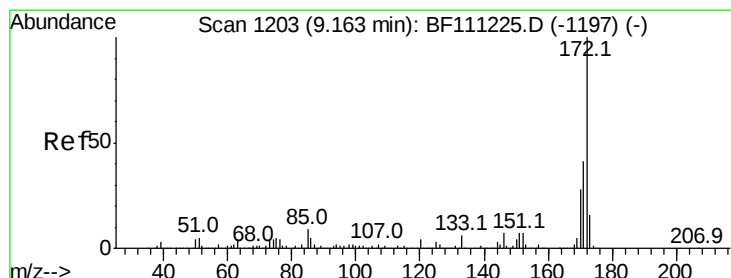
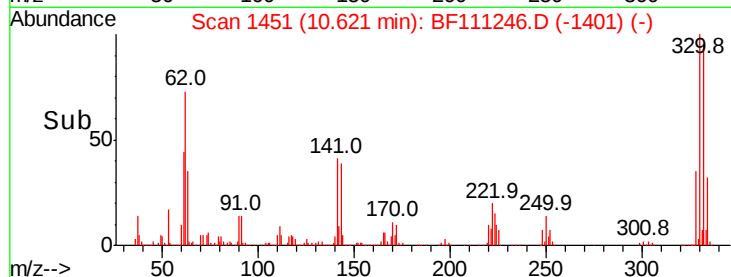
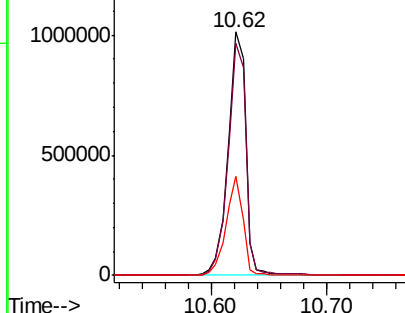
#42
 2,4,6-Tribromophenol
 Concen: 107.880 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111246.D
 Acq: 10 Dec 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB115384BL

Tot Ion:330 Resp: 1085262
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.0 114.0
 141 38.7 31.0 46.6

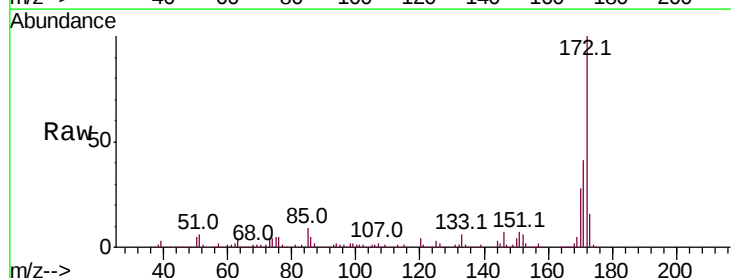


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

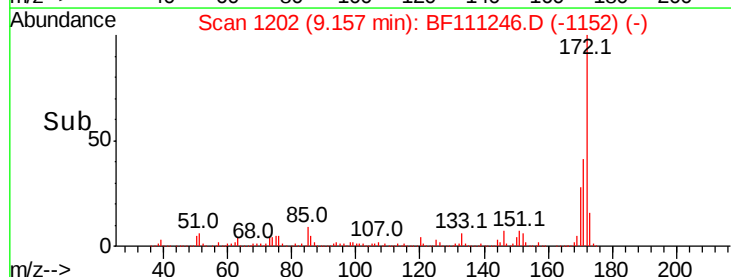
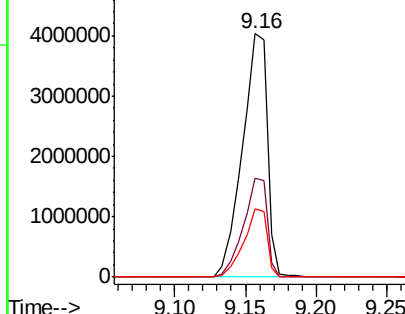


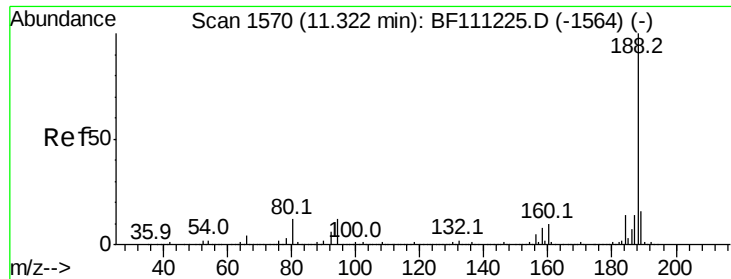
#45
 2-Fluorobiphenyl
 Concen: 73.610 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF111246.D
 Acq: 10 Dec 2018 17:06

Tgt Ion:172 Resp: 5010219
 Ion Ratio Lower Upper
 172 100
 171 40.9 33.0 49.4
 170 28.0 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: BF111246.D

Acq: 10 Dec 2018 17:06

Instrument :

BNA_F

ClientSampleId :

PB115384BL

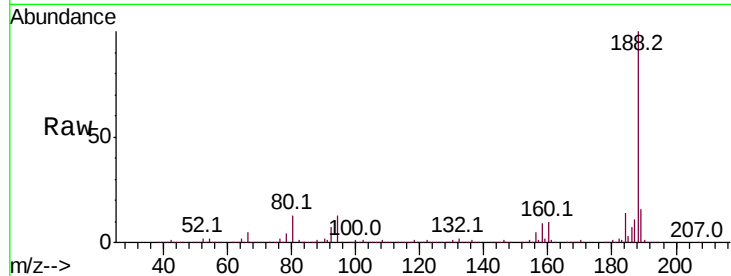
Tot Ion:188 Resp: 2034174

Ion Ratio Lower Upper

188 100

94 12.9 9.6 14.4

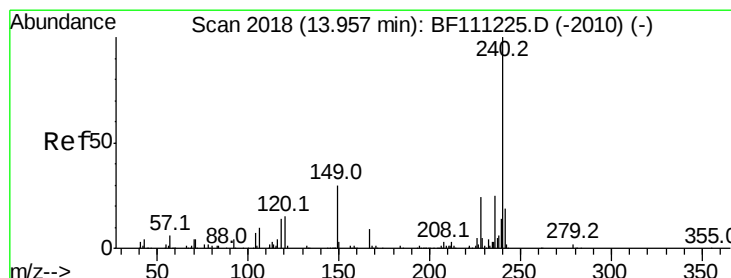
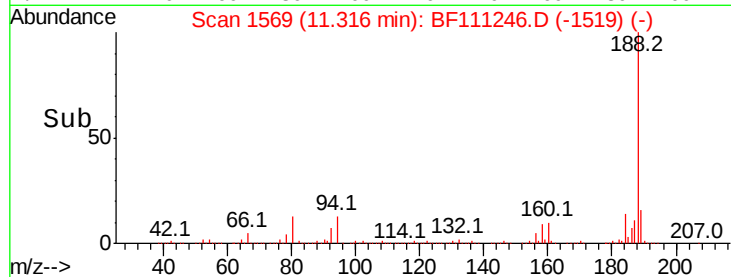
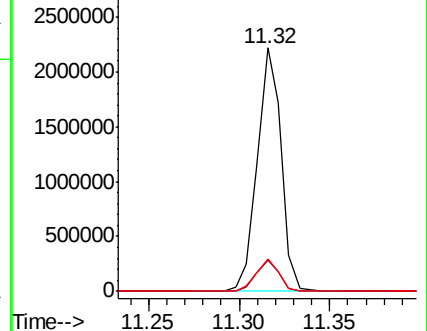
80 13.3 9.8 14.6



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: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111246.D

Acq: 10 Dec 2018 17:06

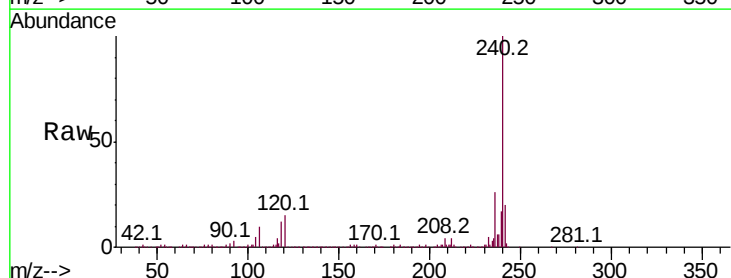
Tgt Ion:240 Resp: 1584778

Ion Ratio Lower Upper

240 100

120 14.5 12.2 18.2

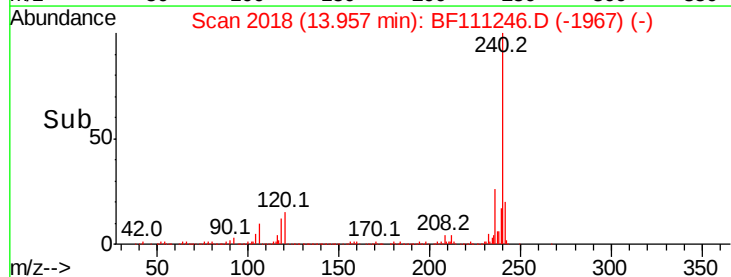
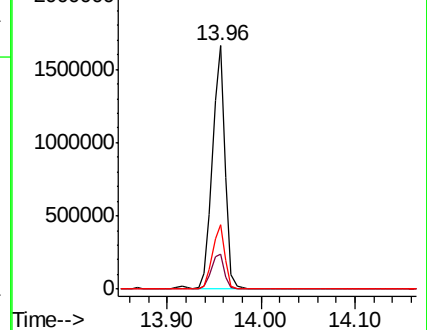
236 26.3 20.2 30.2

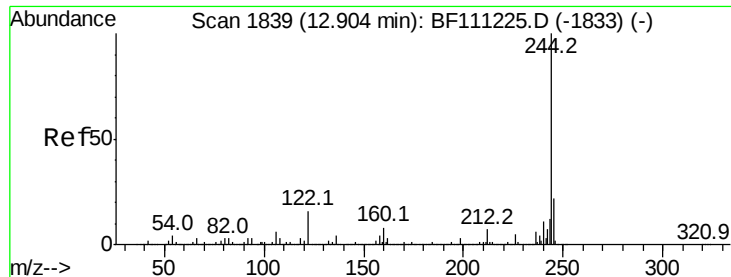


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.103 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111246.D

Acq: 10 Dec 2018 17:06

Instrument :

BNA_F

ClientSampleId :

PB115384BL

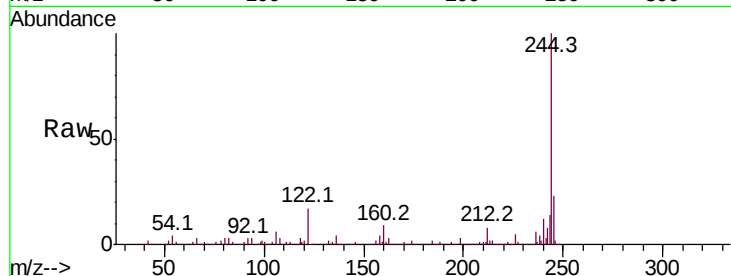
Tot Ion:244 Resp: 4763827

Ion Ratio Lower Upper

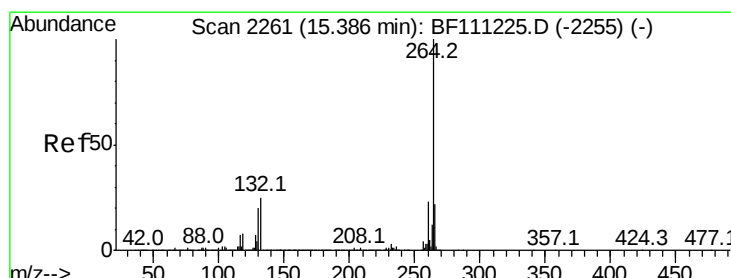
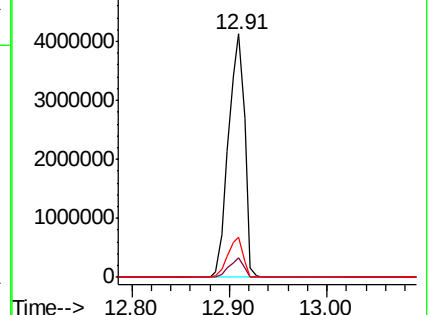
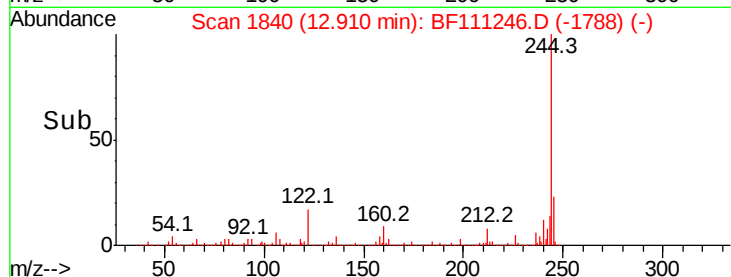
244 100

212 8.0 5.7 8.5

122 16.7 13.1 19.7



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: 15.41 min Scan# 2265

Delta R.T. 0.02 min

Lab File: BF111246.D

Acq: 10 Dec 2018 17:06

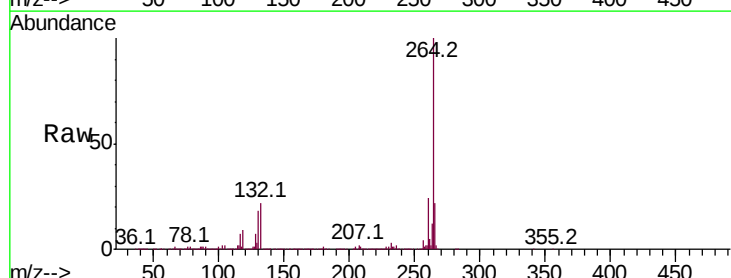
Tgt Ion:264 Resp: 1314896

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.8 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

