

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111261.D
 Acq On : 10 Dec 2018 23:59
 Operator : JU/SJ
 Sample : J6306-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB-16204

Quant Time: Dec 11 06:15:58 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

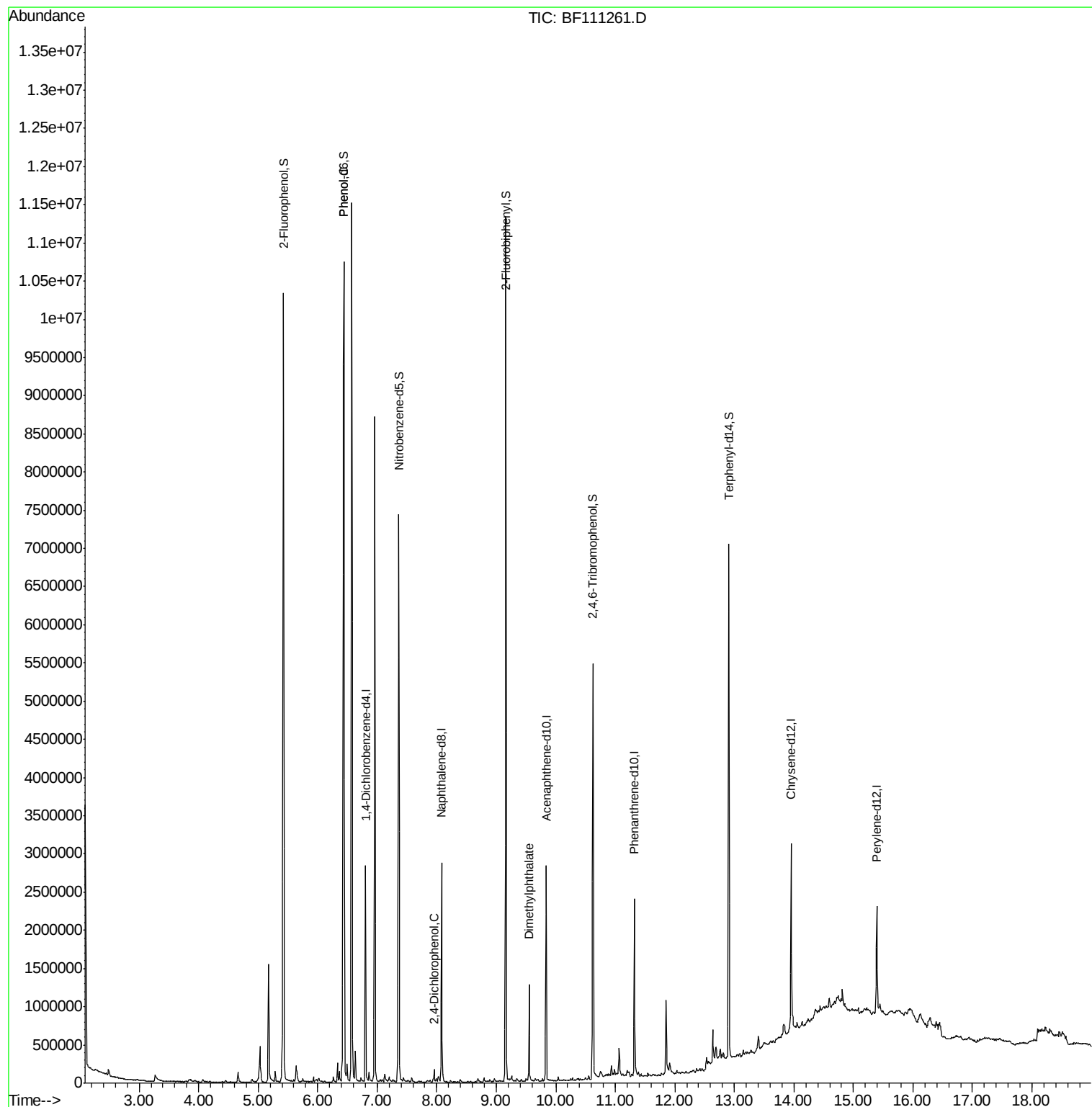
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	411320	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1264242	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	525447	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	836457	20.00	ng	0.00
76) Chrysene-d12	13.96	240	734011	20.00	ng	0.00
87) Perylene-d12	15.39	264	600265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3068489	117.80	ng	0.02
7) Phenol-d6	6.44	99	4191794	129.49	ng	0.00
23) Nitrobenzene-d5	7.36	82	2462345	109.24	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	605930	130.18	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3312464	128.05	ng	0.00
79) Terphenyl-d14	12.91	244	2203448	72.01	ng	0.00
Target Compounds						
10) Phenol	6.45	94	275153	7.269	ng	95
29) 2,4-Dichlorophenol	7.96	162	42415	2.303	ng	87
50) Dimethylphthalate	9.55	163	436364	11.255	ng	99

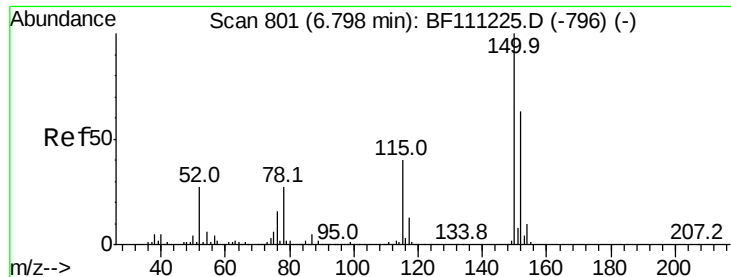
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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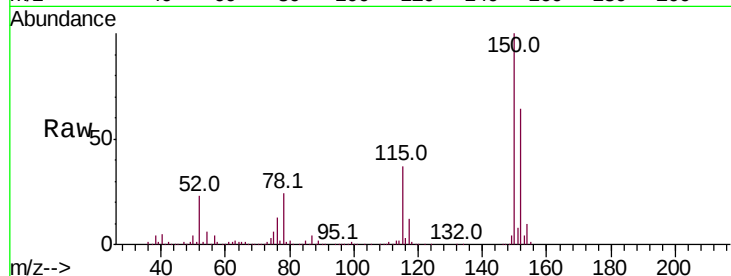


#1

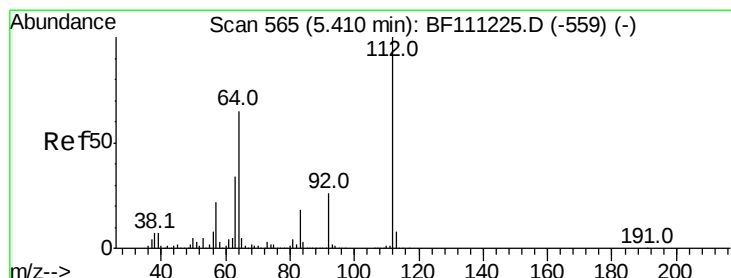
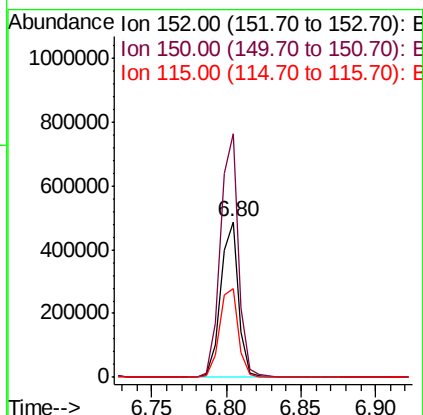
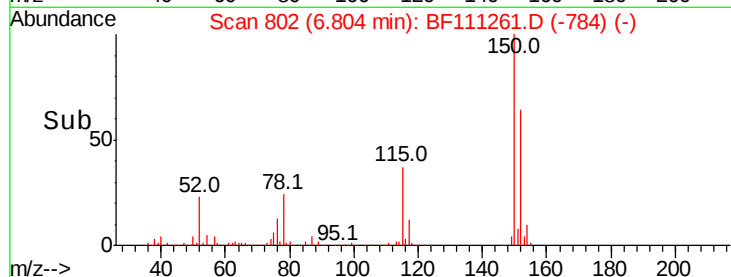
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tot Ion:152 Resp: 411320
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 57.3 50.7 76.1



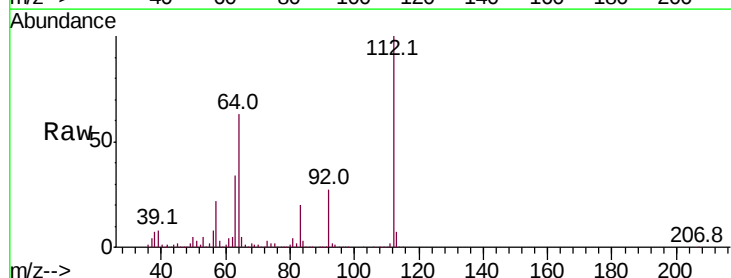
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



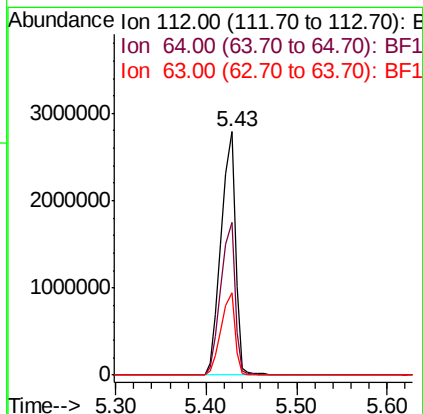
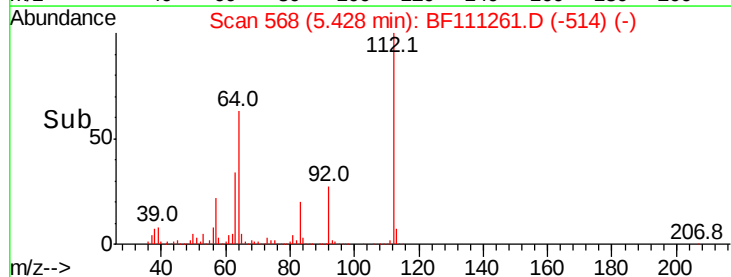
#5

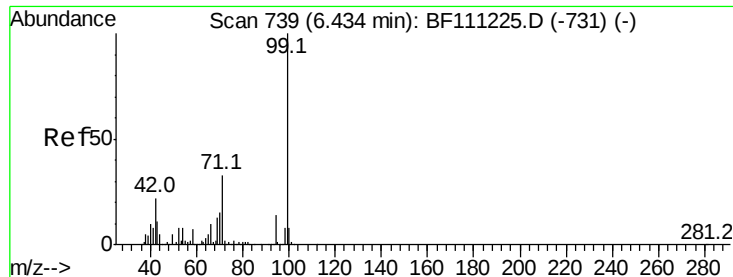
2-Fluorophenol
Concen: 117.800 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion:112 Resp: 3068489
Ion Ratio Lower Upper
112 100
64 62.8 51.8 77.6
63 33.7 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: 129.490 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111261.D

Acq: 10 Dec 2018 23:59

Instrument :

BNA_F

ClientSampleId :

VB-16204

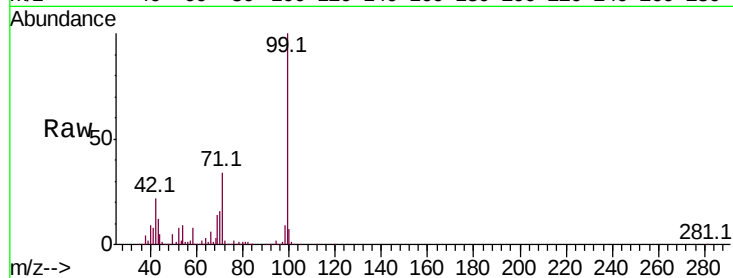
Tot Ion: 99 Resp: 4191794

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

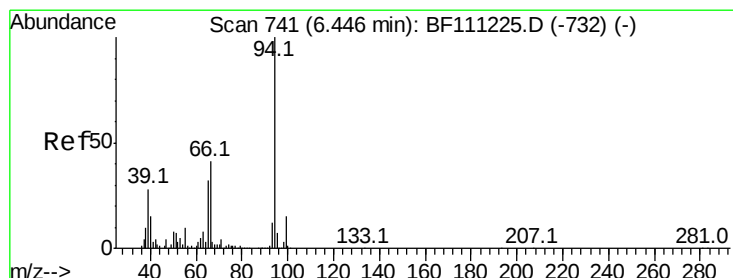
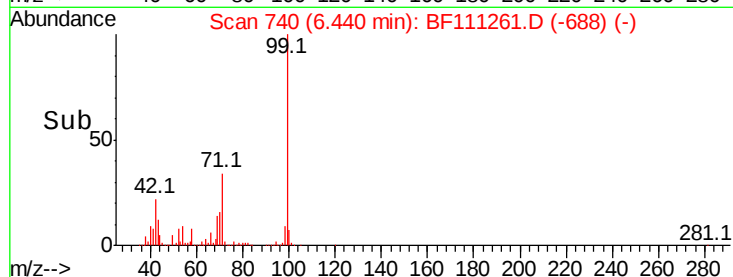
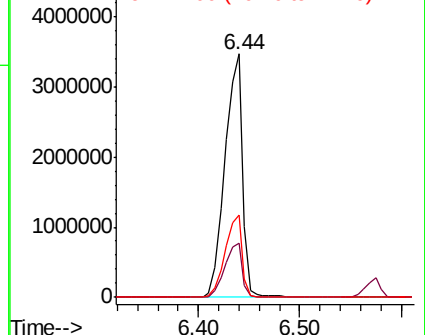
71 33.9 26.1 39.1



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



#10

Phenol

Concen: 7.269 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111261.D

Acq: 10 Dec 2018 23:59

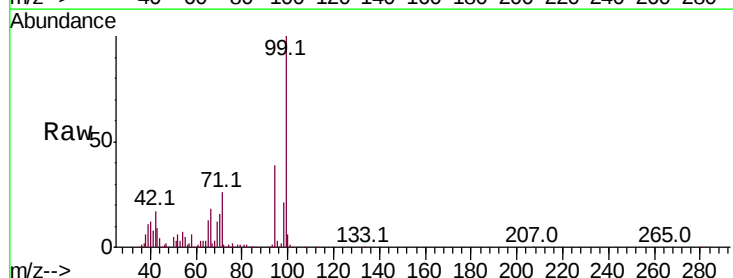
Tgt Ion: 94 Resp: 275153

Ion Ratio Lower Upper

94 100

65 32.4 11.7 51.7

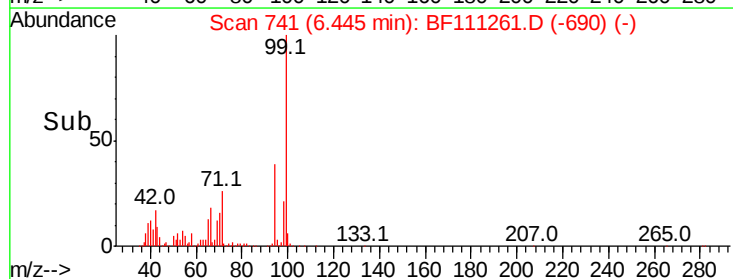
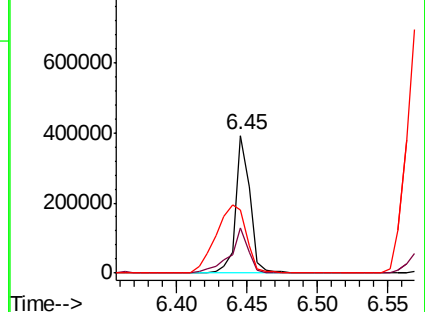
66 45.8 21.0 61.0

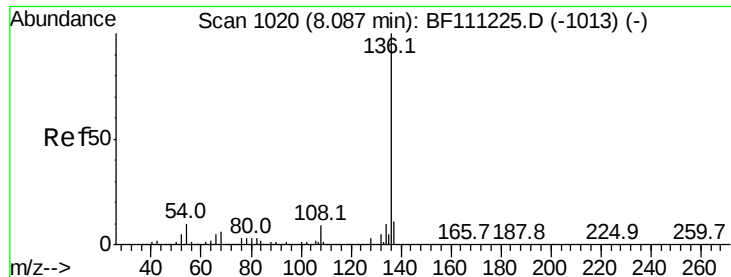


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



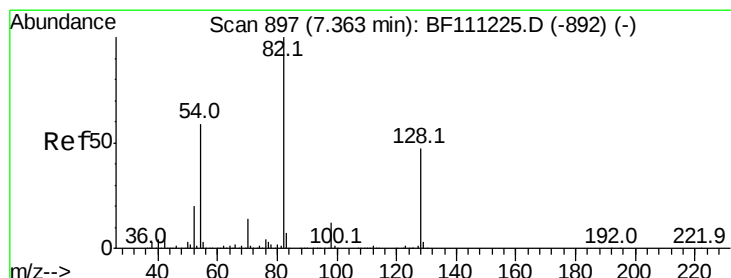
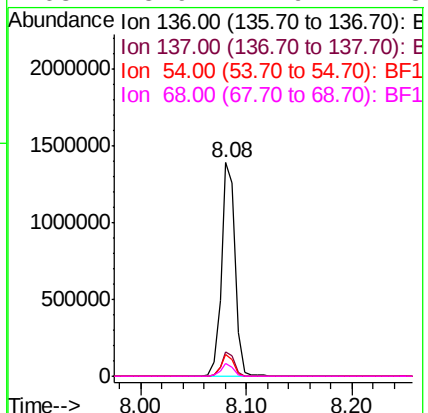
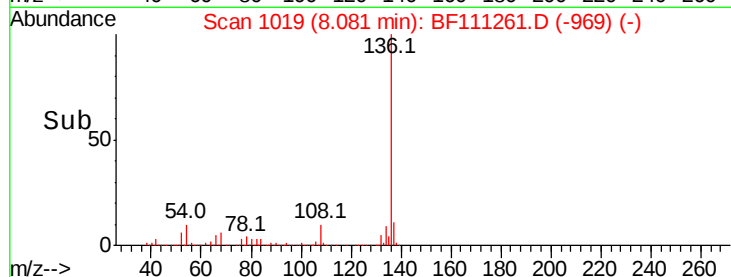
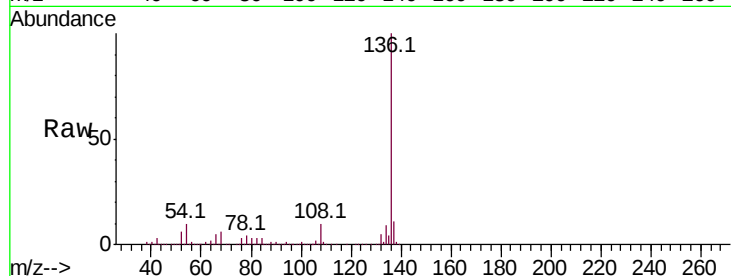


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tot Ion:136 Resp: 1264242

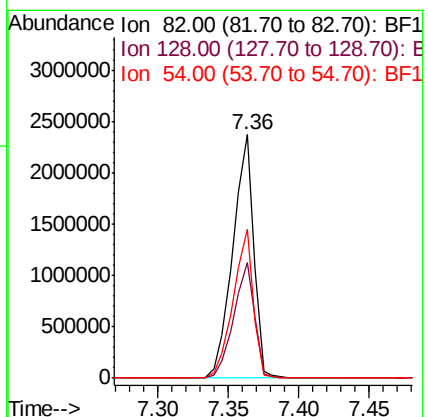
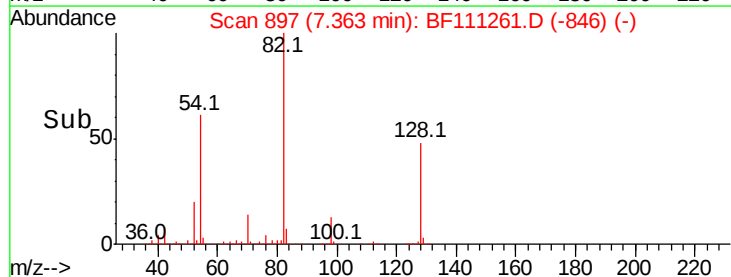
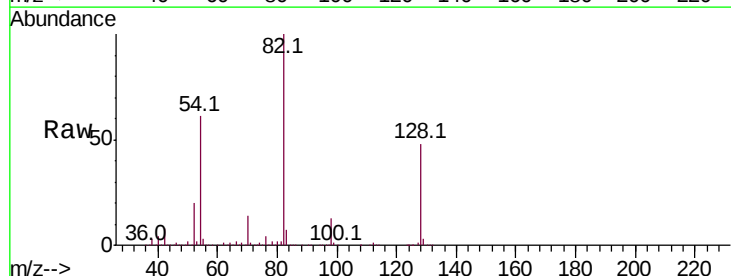
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.0	7.7	11.5
68	5.9	4.9	7.3

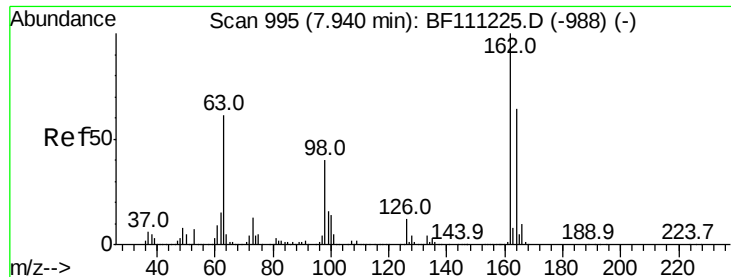


#23
Nitrobenzene-d5
Concen: 109.243 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion: 82 Resp: 2462345

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.2
54	61.3	47.6	71.4

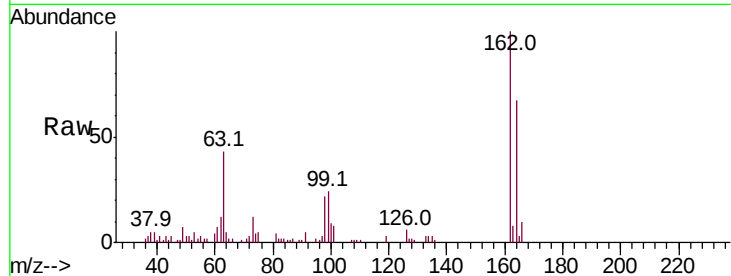




#29
2,4-Dichlorophenol
Concen: 2.303 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampled :
VB-16204

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	44.4	84.4
98	21.7	20.3	60.3

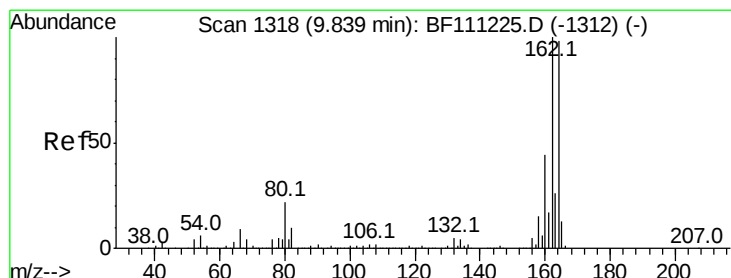
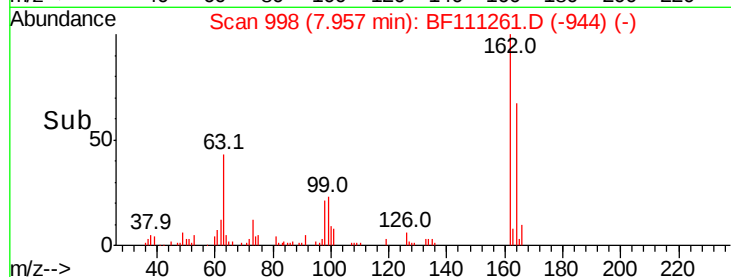
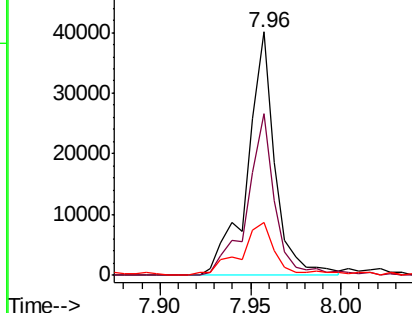


Abundance

Ion 162.00 (161.70 to 162.70): E

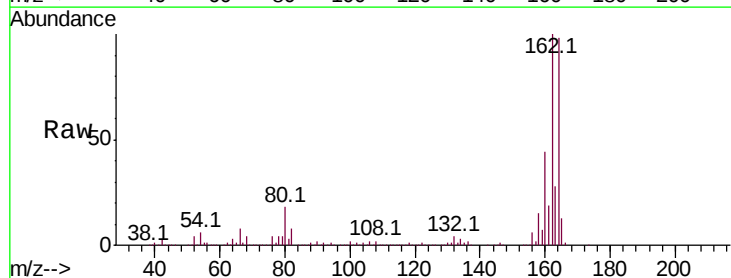
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	45.0	35.7	53.5

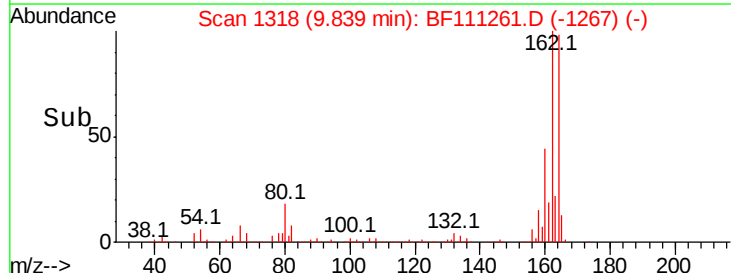
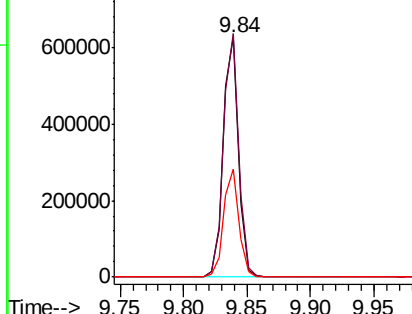


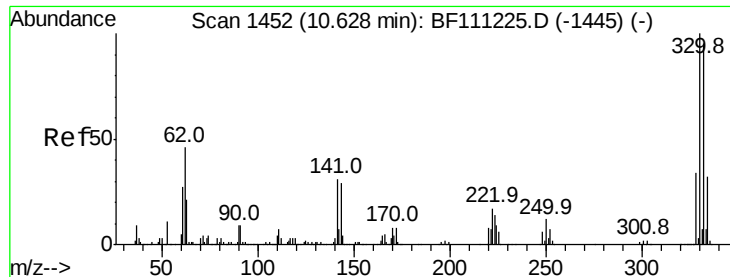
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

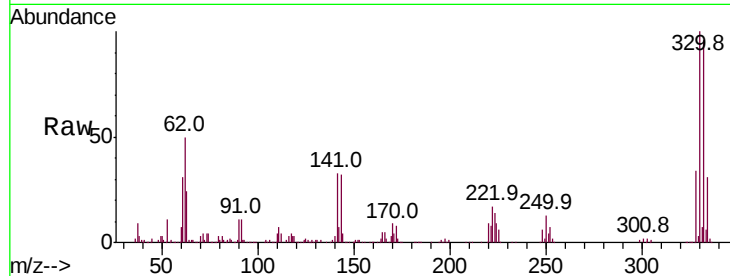




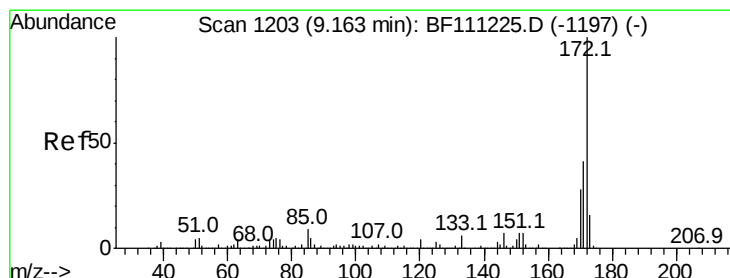
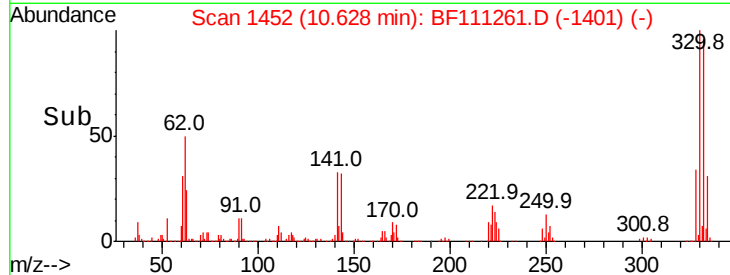
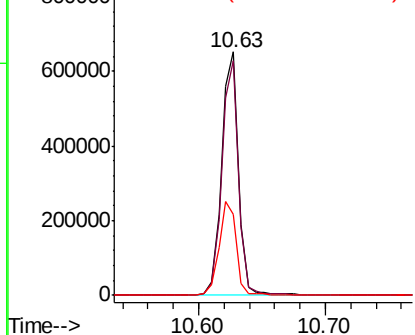
#42
 2,4,6-Tribromophenol
 Concen: 130.182 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111261.D
 Acq: 10 Dec 2018 23:59

Instrument :
 BNA_F
 ClientSampled :
 VB-16204

Tot Ion:330 Resp: 605930
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.0 114.0
 141 39.8 31.0 46.6

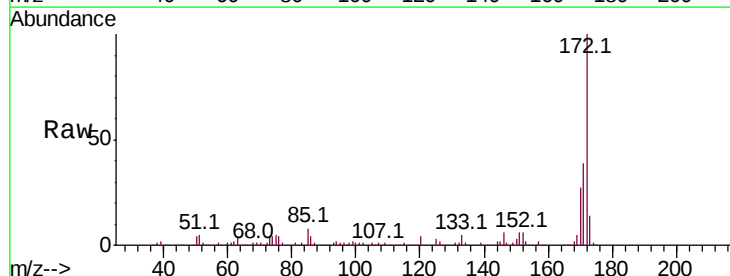


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

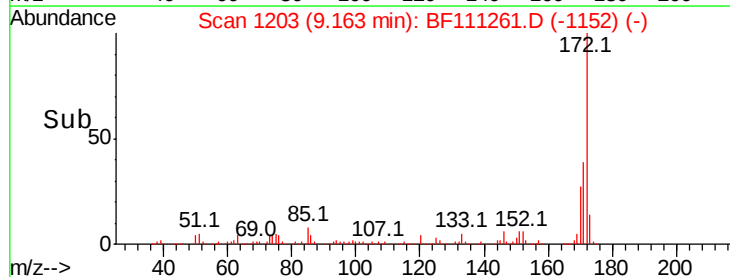
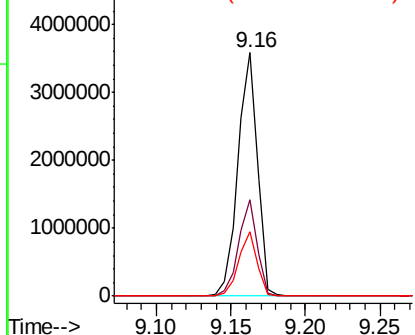


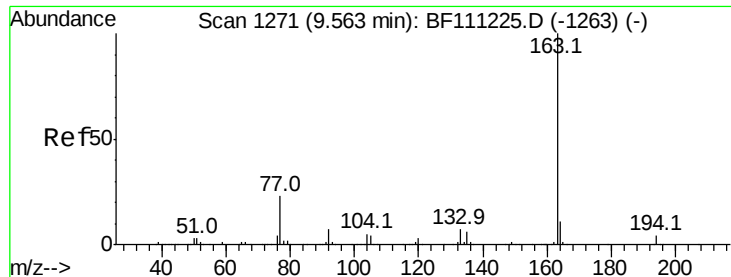
#45
 2-Fluorobiphenyl
 Concen: 128.050 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF111261.D
 Acq: 10 Dec 2018 23:59

Tgt Ion:172 Resp: 3312464
 Ion Ratio Lower Upper
 172 100
 171 39.5 33.0 49.4
 170 26.5 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

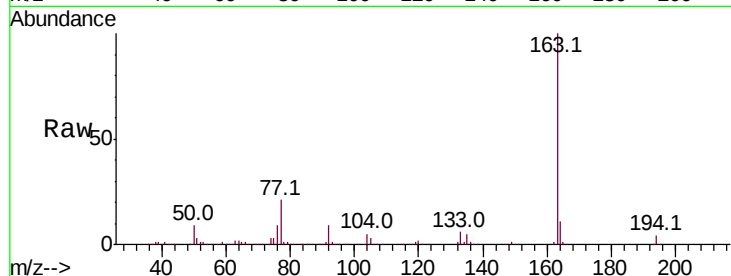




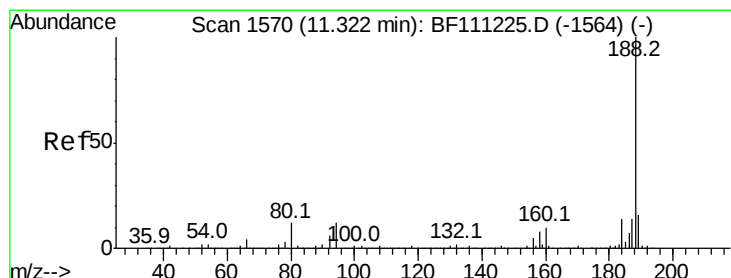
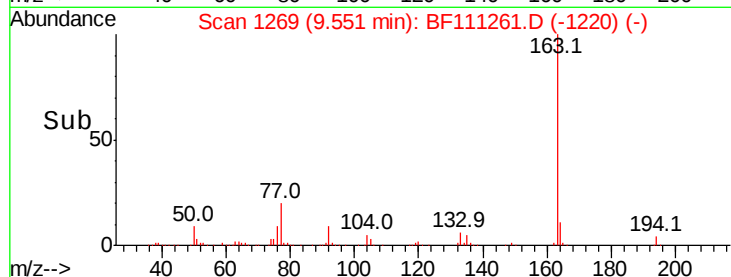
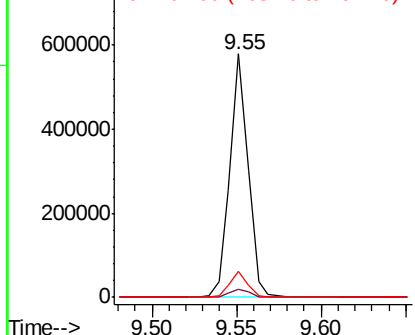
#50
Dimethylphthalate
Concen: 11.255 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.5	8.9	13.3

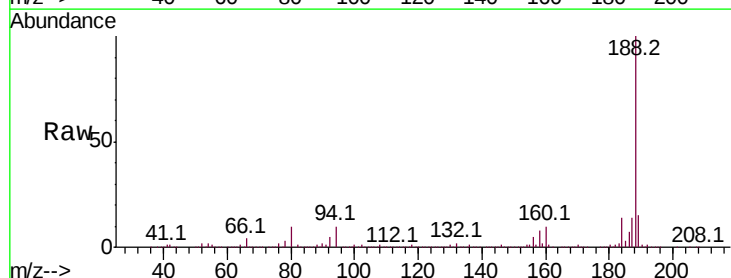


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

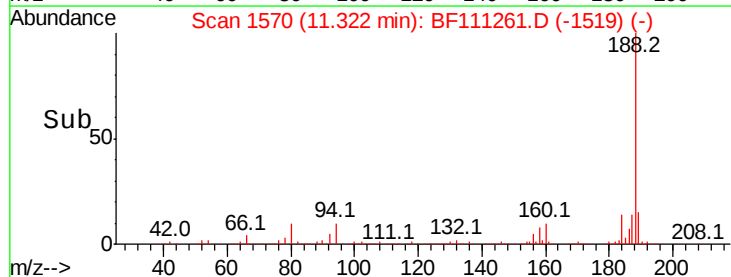
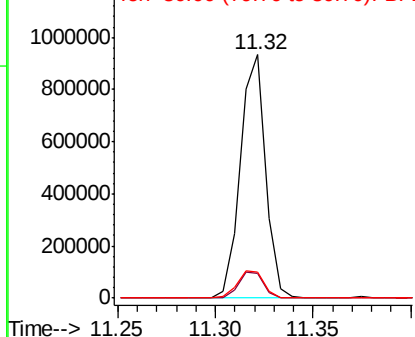


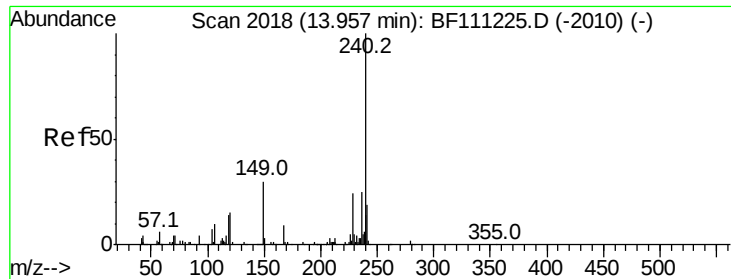
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.6	14.4
80	10.5	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

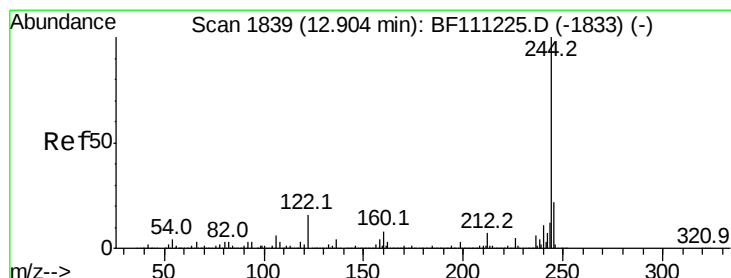
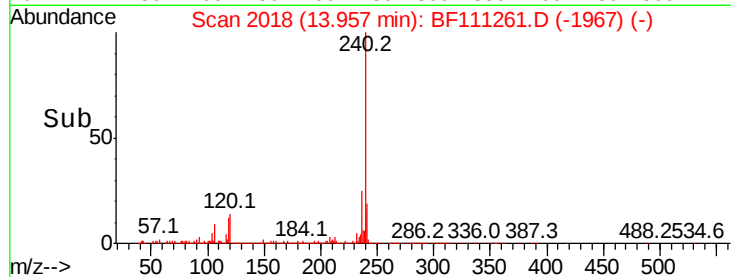
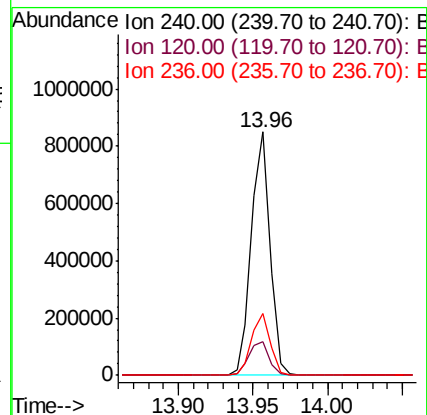
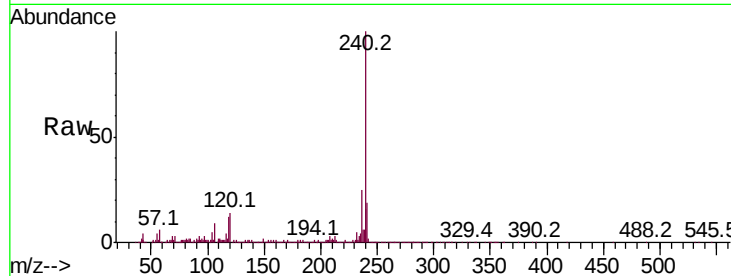




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

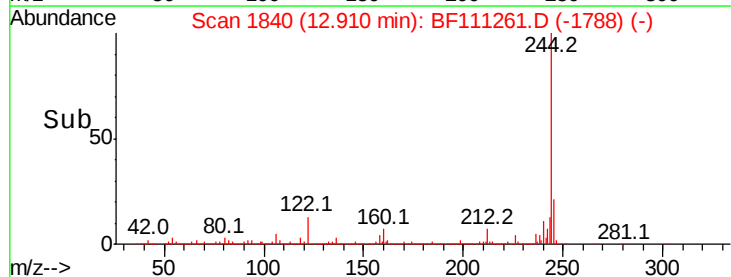
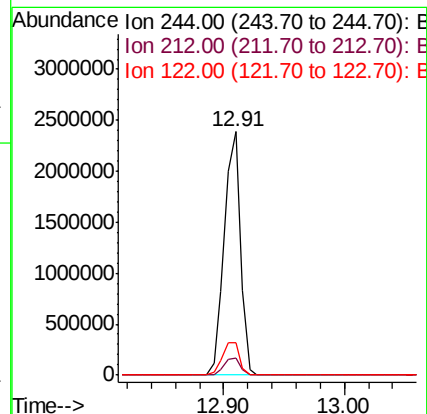
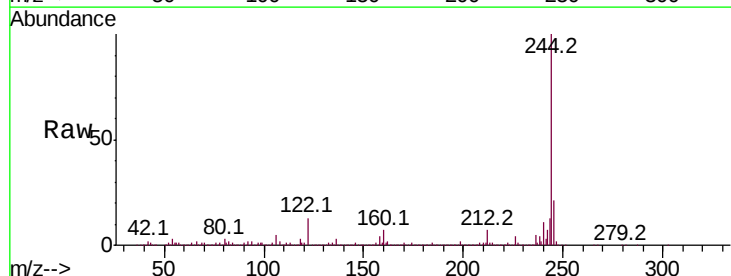
Instrument :
BNA_F
ClientSampleId :
VB-16204

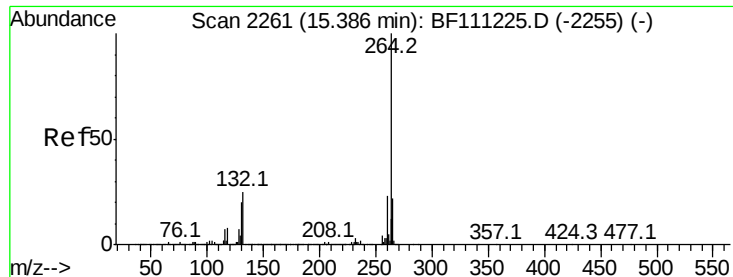
Tot Ion:240 Resp: 734011
Ion Ratio Lower Upper
240 100
120 14.0 12.2 18.2
236 25.3 20.2 30.2



#79
Terphenyl-d14
Concen: 72.005 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Tgt Ion:244 Resp: 2203448
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 13.3 13.1 19.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111261.D
Acq: 10 Dec 2018 23:59

Instrument :
BNA_F
ClientSampleId :
VB-16204

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.0	17.7	26.5

