

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111259.D
 Acq On : 10 Dec 2018 23:04
 Operator : JU/SJ
 Sample : J6224-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1RE

Quant Time: Dec 11 04:01:22 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

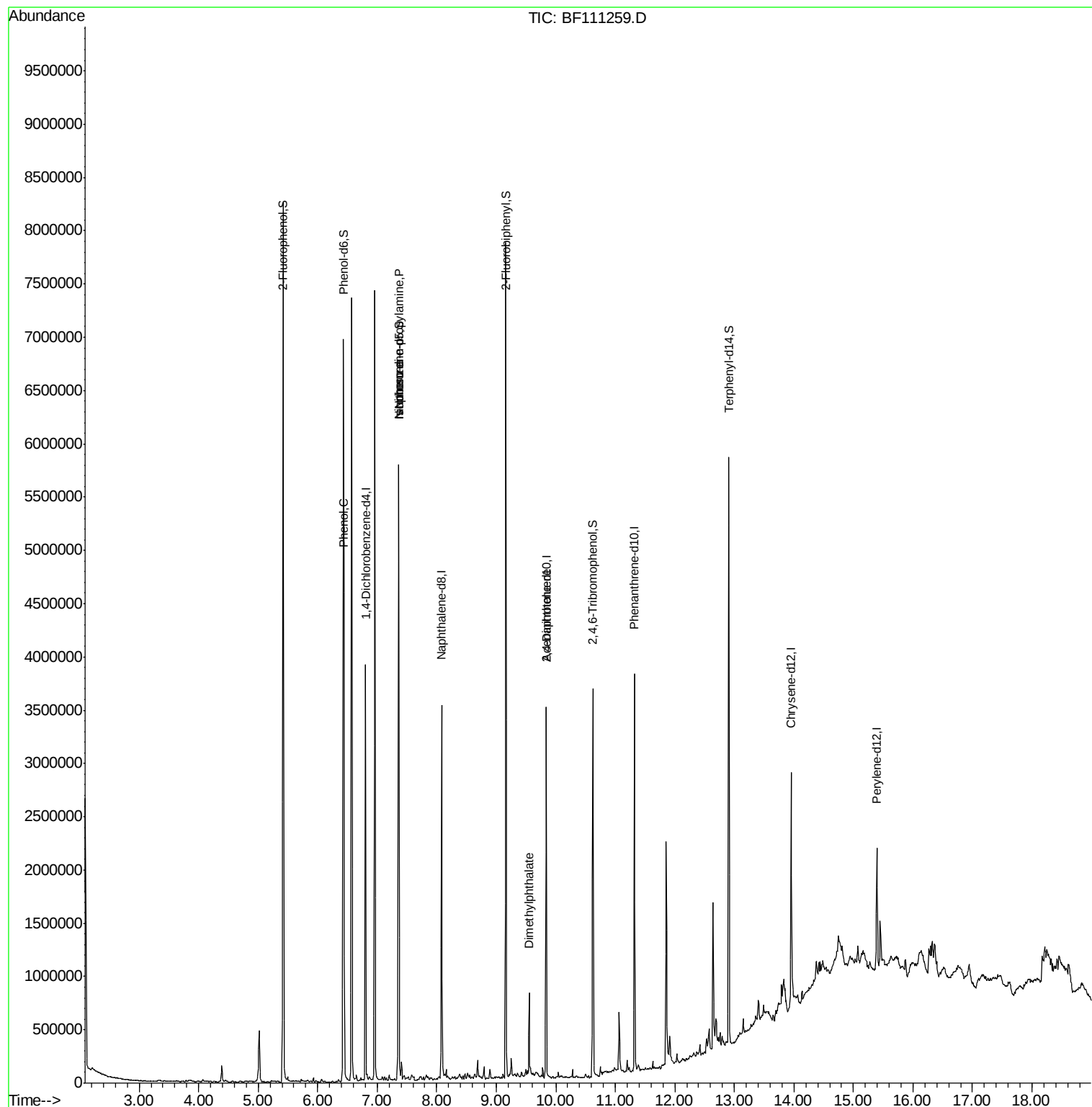
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	561481	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1566164	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	625795	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1196139	20.00	ng	0.00
76) Chrysene-d12	13.96	240	664921	20.00	ng	0.00
87) Perylene-d12	15.40	264	512066	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2310898	64.99	ng	0.01
7) Phenol-d6	6.43	99	2433055	55.06	ng	0.00
23) Nitrobenzene-d5	7.36	82	1857626	66.53	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	361085	65.14	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2234179	55.65	ng	0.00
79) Terphenyl-d14	12.91	244	1824614	65.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	5563	Below Cal	Qvalue	# 1
10) Phenol	6.45	94	170955	3.309 ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	254521	8.598 ng	#	79
25) Isophorone	7.36	82	1816505	38.195 ng	#	64
46) 1,1'-Biphenyl	9.26	154	8687	Below Cal		93
50) Dimethylphthalate	9.55	163	266481	5.771 ng		97
57) 2,4-Dinitrotoluene	9.84	165	83848	6.670 ng	#	25

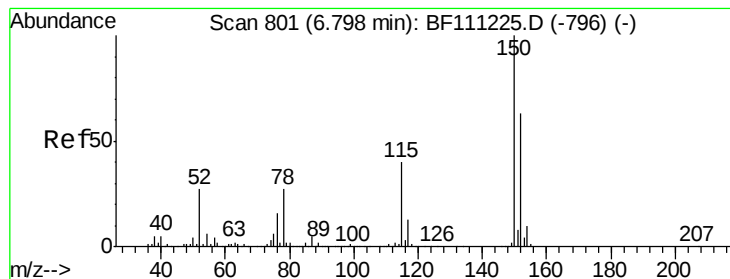
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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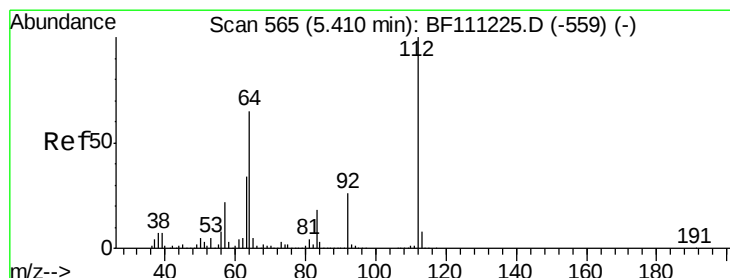
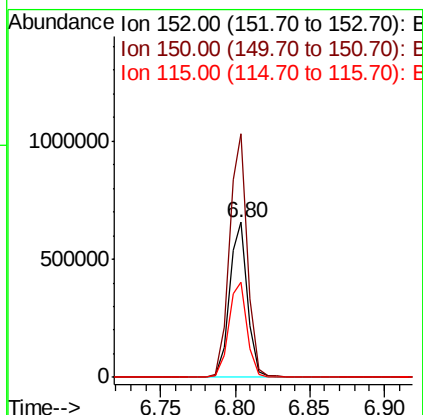
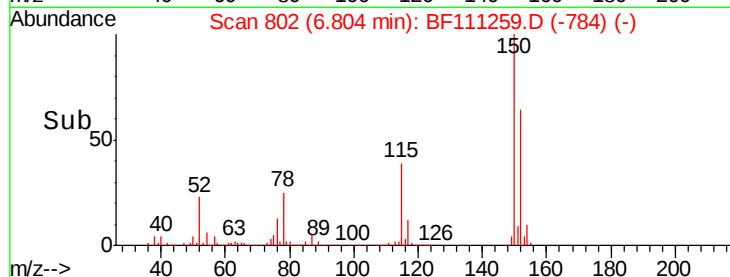
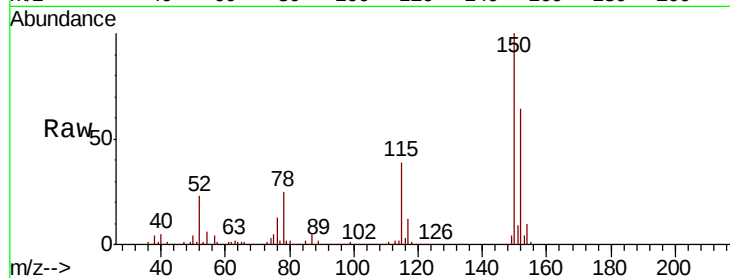


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

Instrument :
BNA_F
ClientSampled :
S-1RE

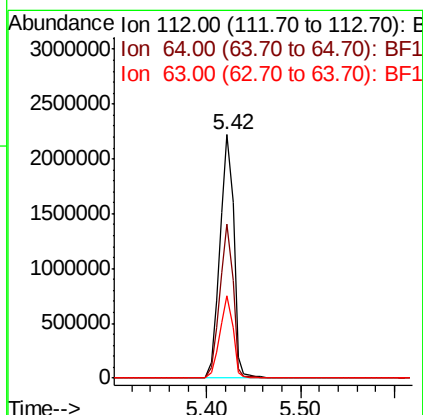
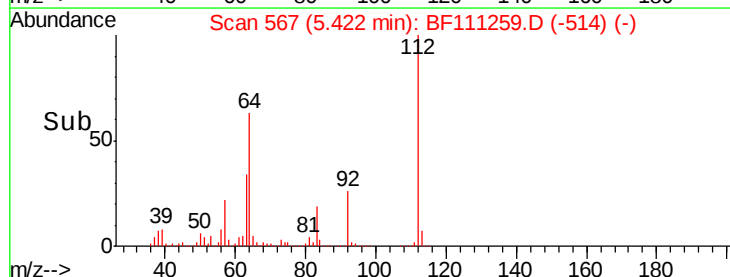
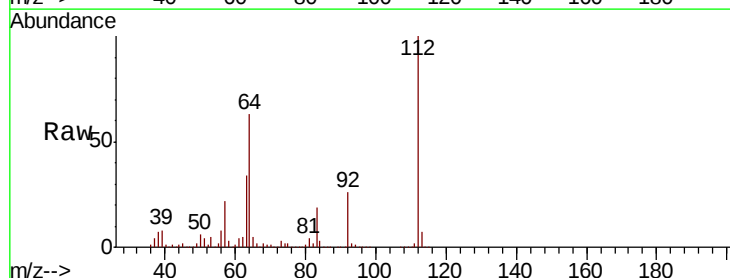
Tgt Ion:152 Resp: 561481
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 61.2 50.7 76.1

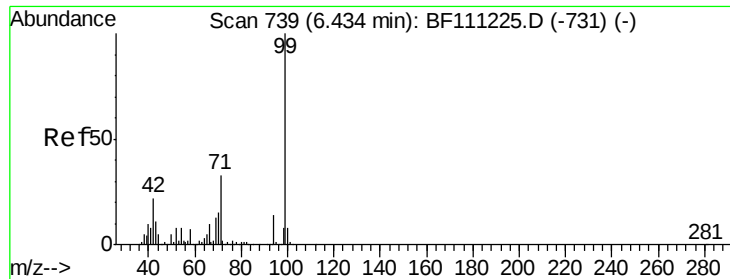


#5

2-Fluorophenol
Concen: 64.990 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

Tgt Ion:112 Resp: 2310898
Ion Ratio Lower Upper
112 100
64 63.4 51.8 77.6
63 34.0 26.8 40.2





#7

Phenol-d6

Concen: 55.060 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111259.D

Acq: 10 Dec 2018 23:04

Instrument :

BNA_F

ClientSampleId :

S-1RE

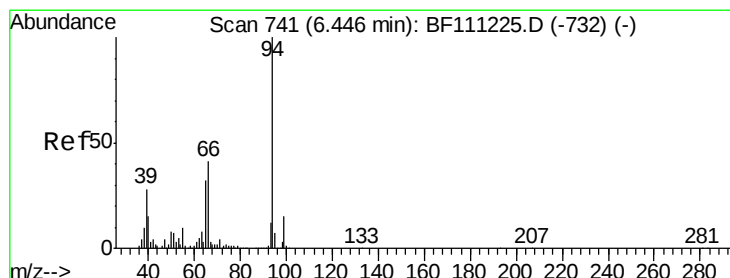
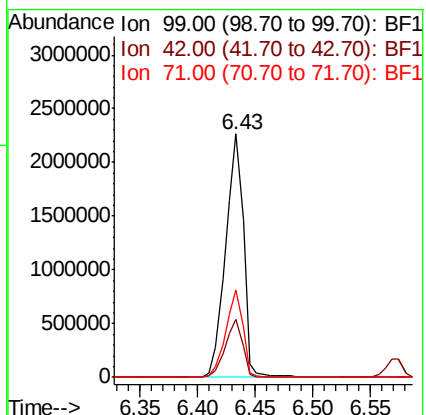
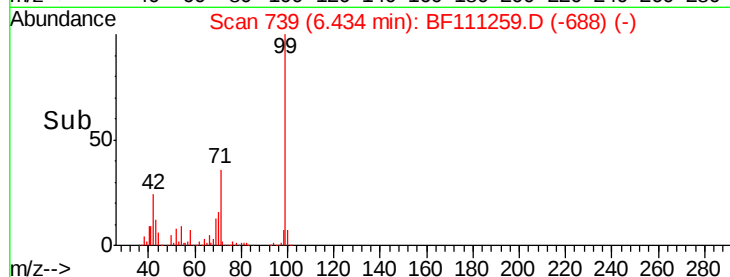
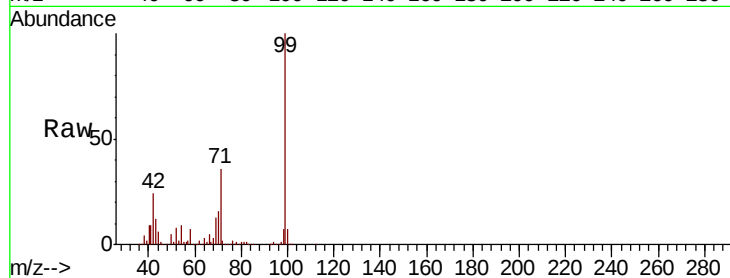
Tgt Ion: 99 Resp: 2433055

Ion Ratio Lower Upper

99 100

42 24.0 17.4 26.0

71 36.0 26.1 39.1



#10

Phenol

Concen: 3.309 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111259.D

Acq: 10 Dec 2018 23:04

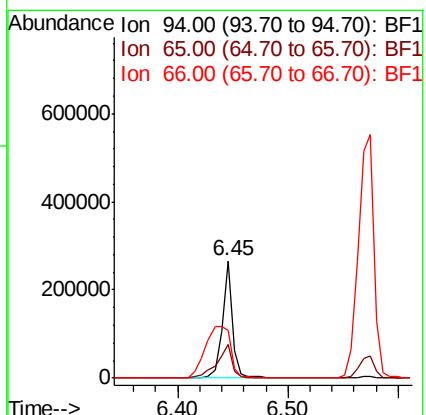
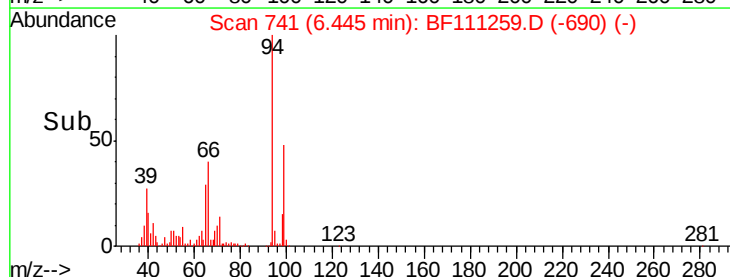
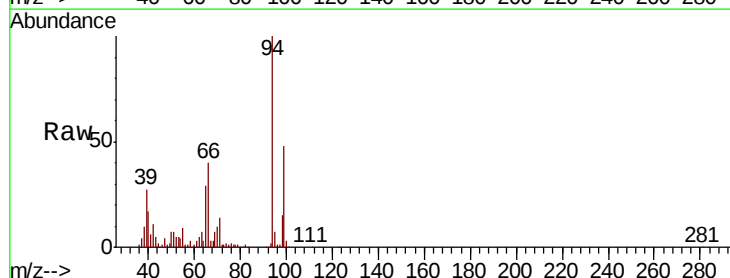
Tgt Ion: 94 Resp: 170955

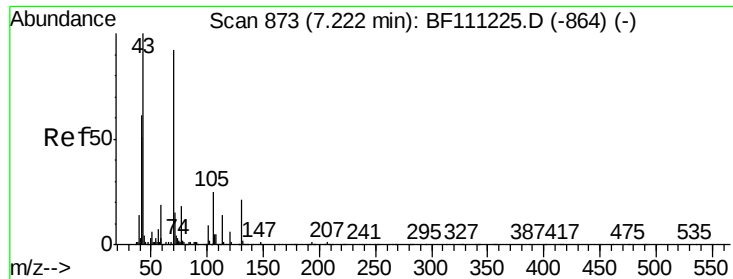
Ion Ratio Lower Upper

94 100

65 29.1 11.7 51.7

66 40.4 21.0 61.0

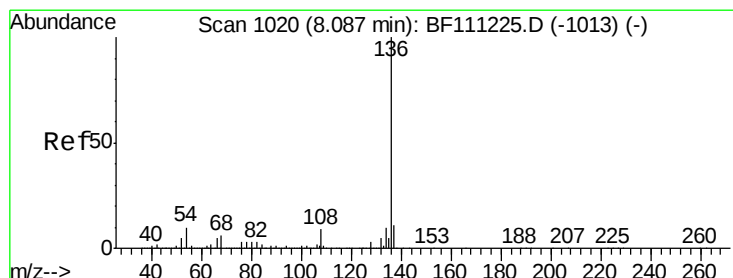
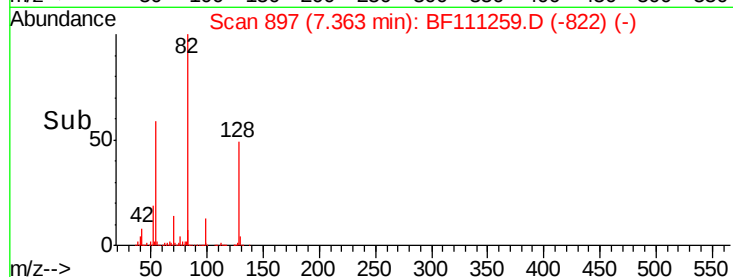
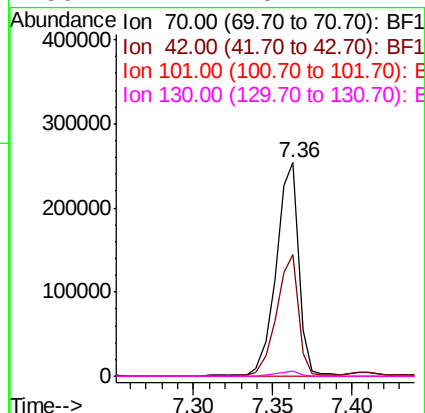
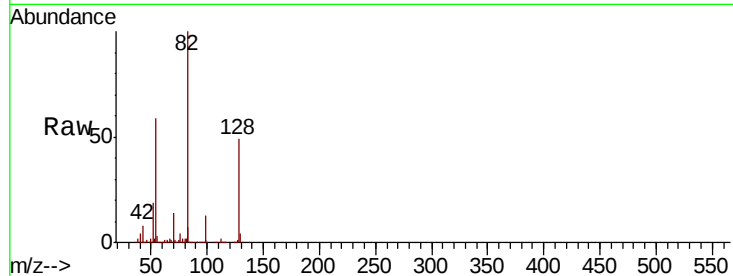




#19
n-Nitroso-di-n-propylamine
Concen: 8.598 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

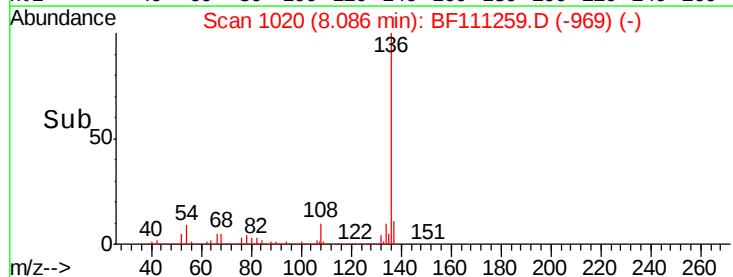
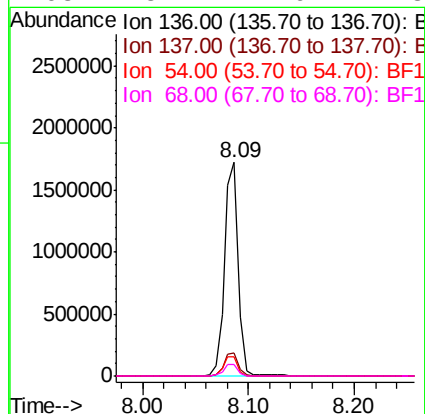
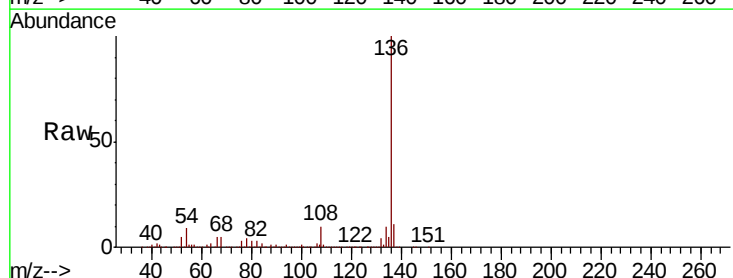
Instrument :
BNA_F
ClientSampleId :
S-1RE

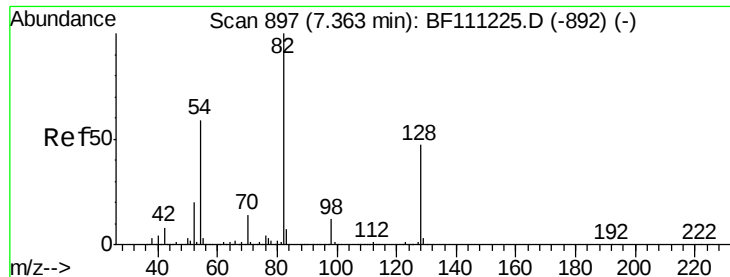
Tgt Ion:	70	Resp:	254521
Ion	Ratio	Lower	Upper
70	100		
42	56.9	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

Tgt Ion:	136	Resp:	1566164
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.0	7.7	11.5
68	5.1	4.9	7.3

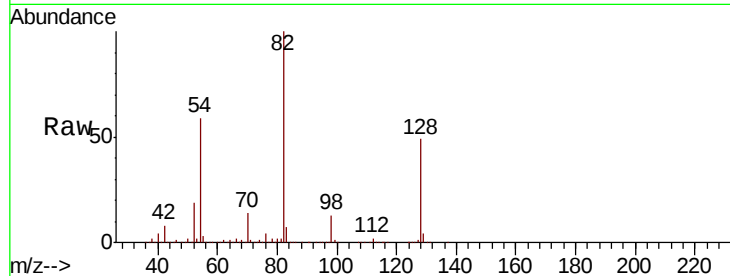




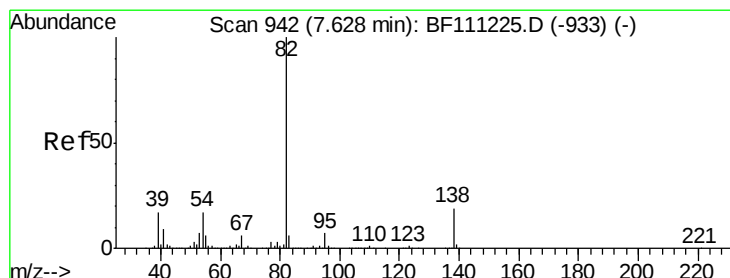
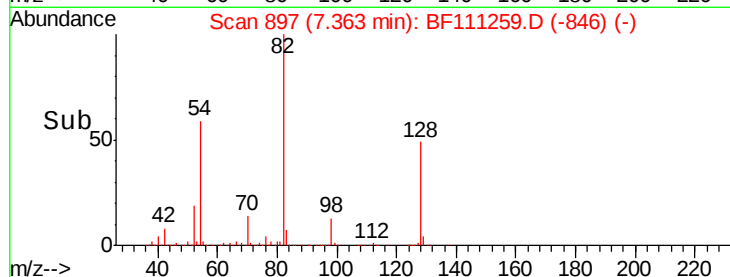
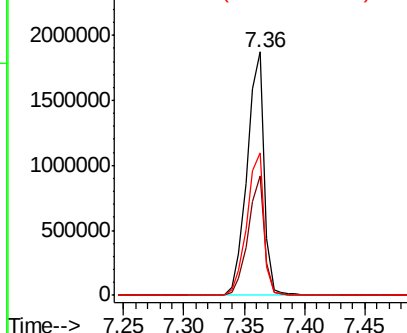
#23
Nitrobenzene-d5
Concen: 66.527 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

Instrument :
BNA_F
ClientSampled :
S-1RE

Tgt Ion: 82 Resp: 1857626
Ion Ratio Lower Upper
82 100
128 48.8 37.4 56.2
54 58.6 47.6 71.4

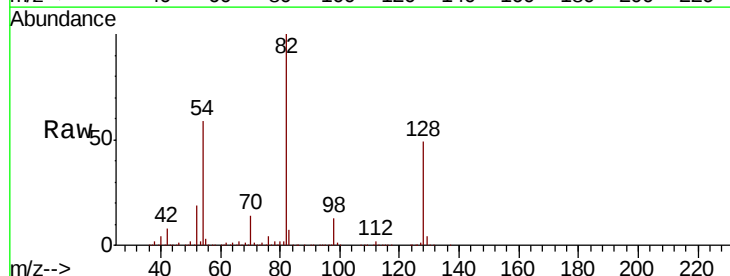


Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

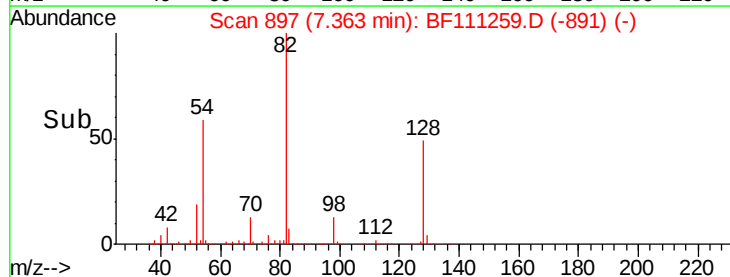
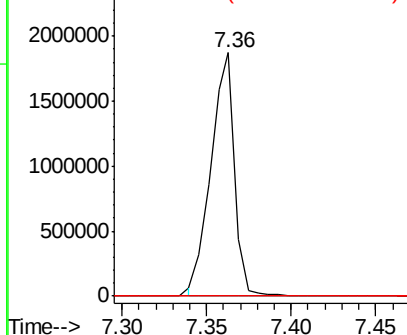


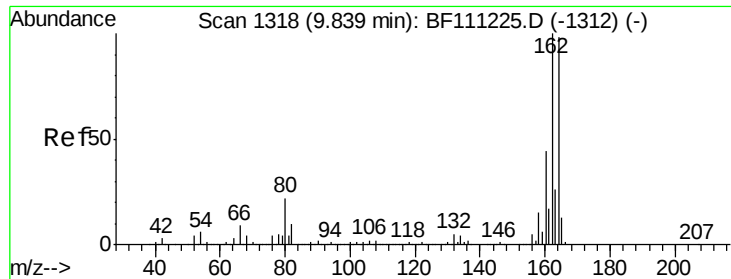
#25
Isophorone
Concen: 38.195 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

Tgt Ion: 82 Resp: 1816505
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

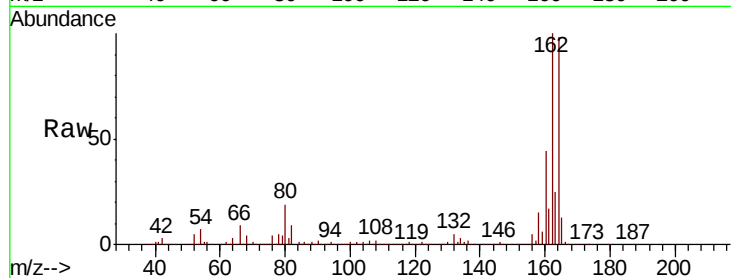




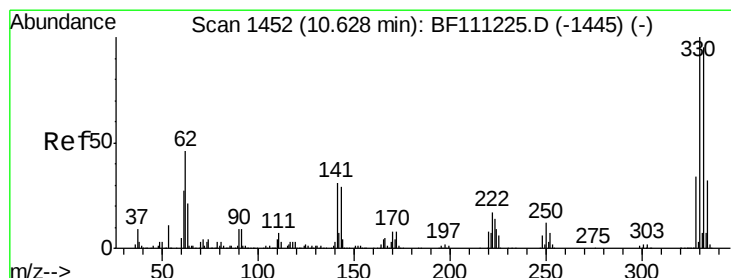
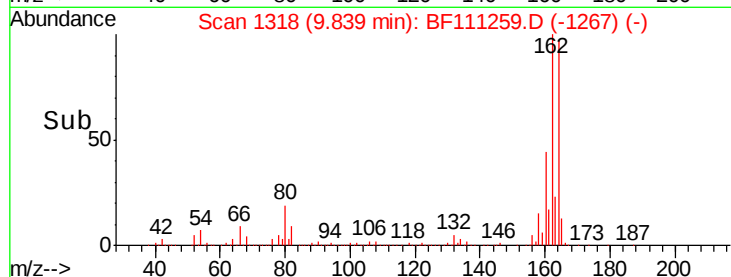
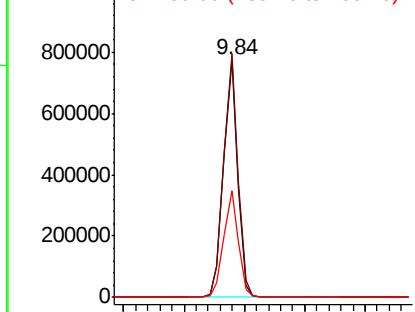
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

Instrument :
BNA_F
ClientSampleId :
S-1RE

Tgt Ion:164 Resp: 625795
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 44.9 35.7 53.5

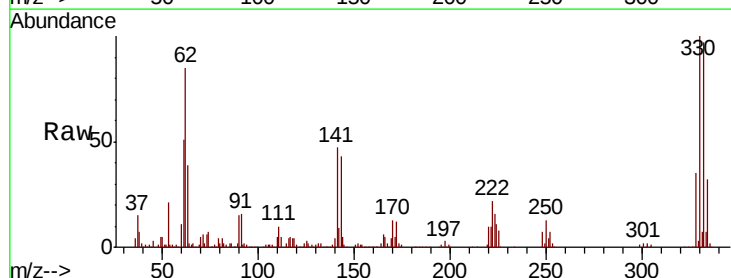


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

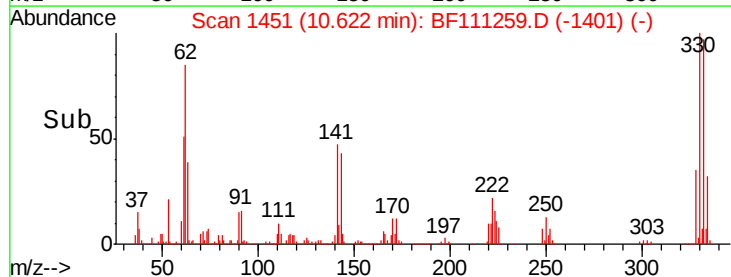
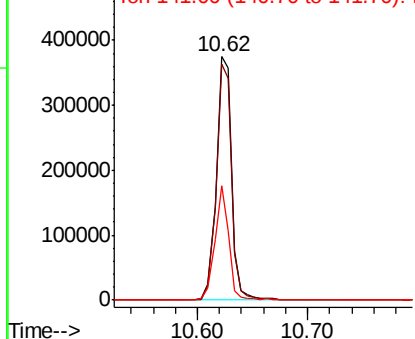


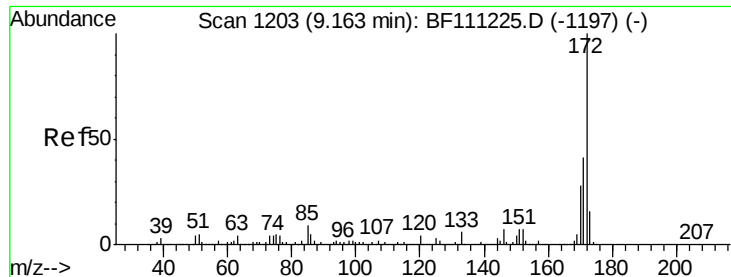
#42
2,4,6-Tribromophenol
Concen: 65.138 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

Tgt Ion:330 Resp: 361085
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 42.0 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

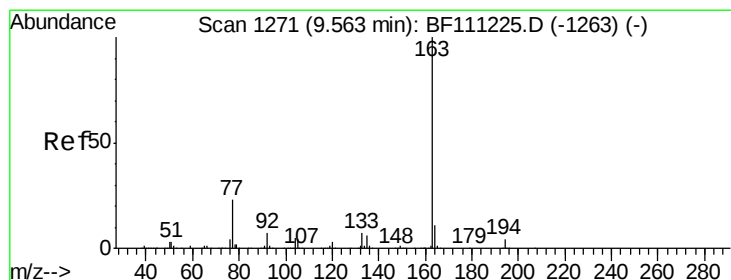
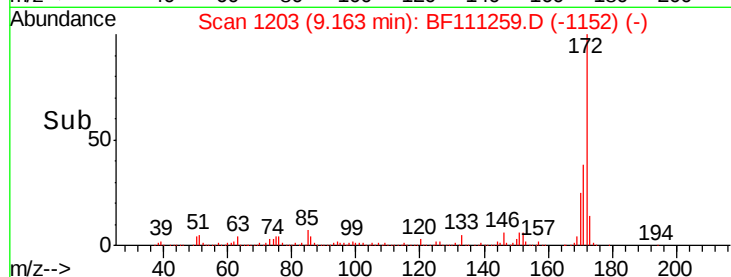
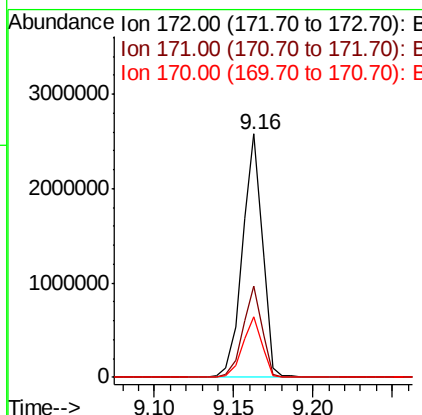
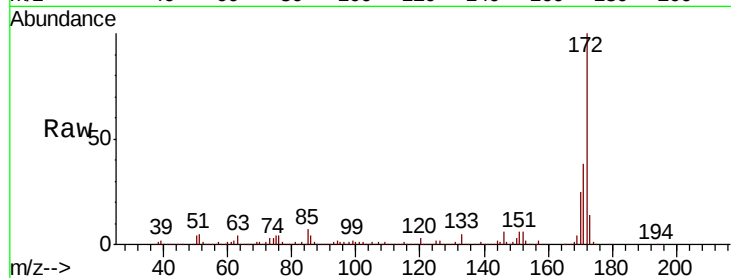




#45
2-Fluorobiphenyl
Concen: 55.655 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

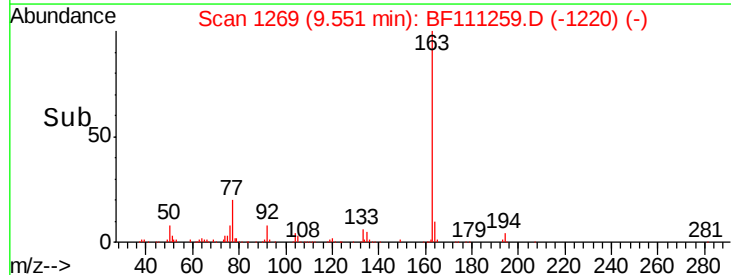
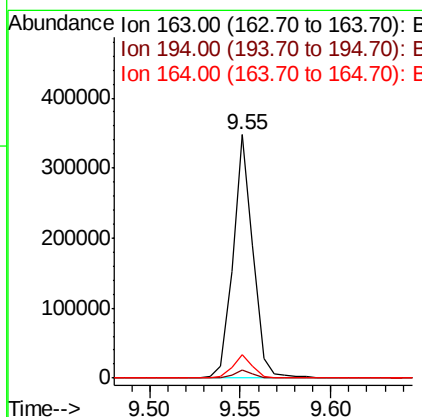
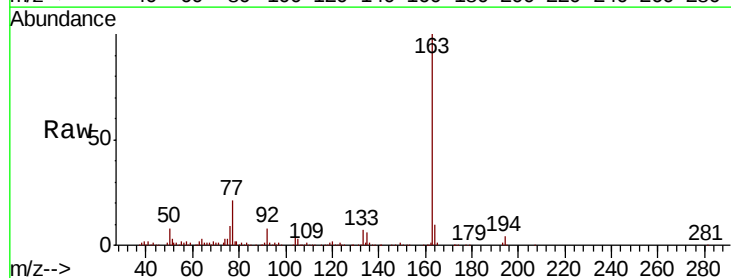
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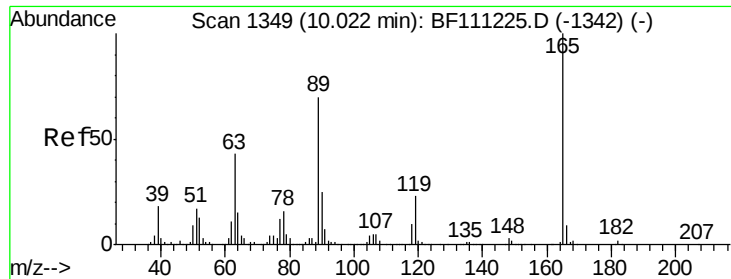
Tgt Ion:172 Resp: 2234179
Ion Ratio Lower Upper
172 100
171 37.6 33.0 49.4
170 25.0 22.3 33.5



#50
Dimethylphthalate
Concen: 5.771 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

Tgt Ion:163 Resp: 266481
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.7 8.9 13.3

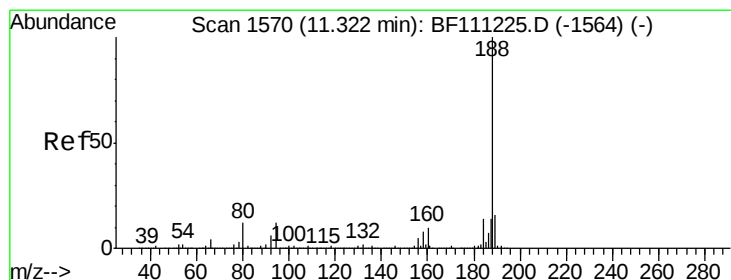
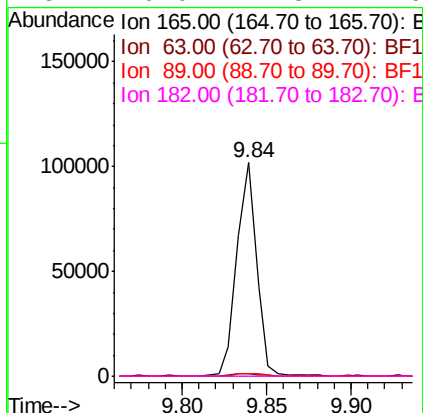
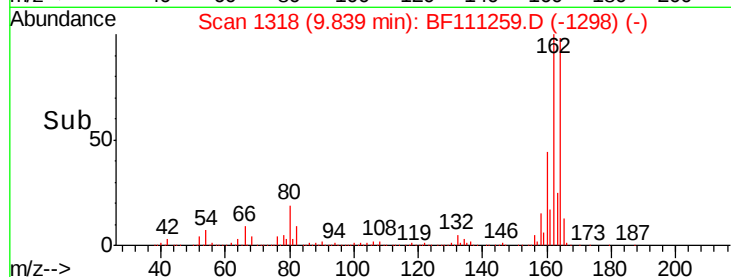
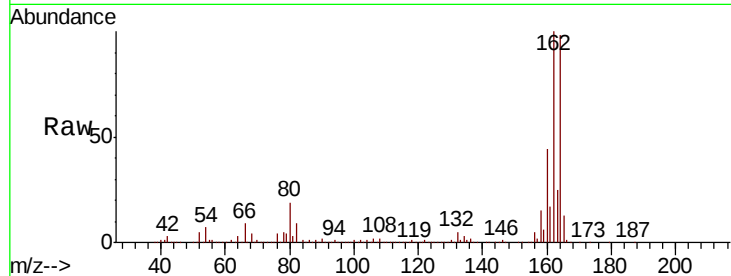




#57
 2,4-Dinitrotoluene
 Concen: 6.670 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111259.D
 Acq: 10 Dec 2018 23:04

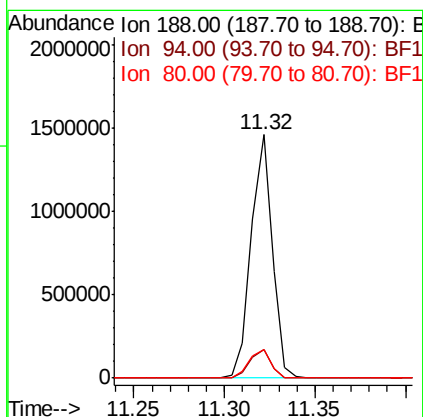
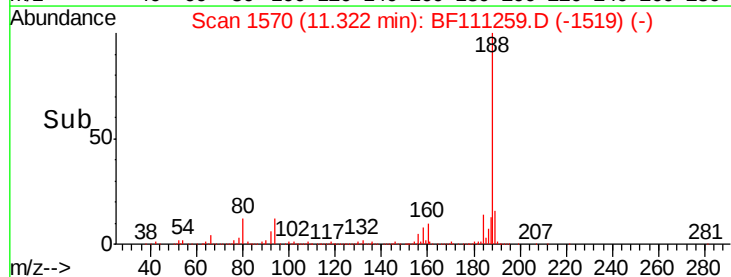
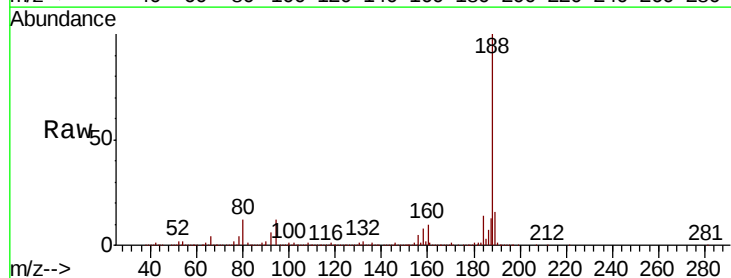
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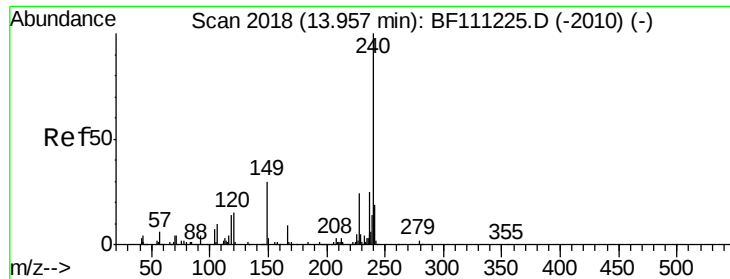
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.4	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF111259.D
 Acq: 10 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.6	14.4
80	11.7	9.8	14.6

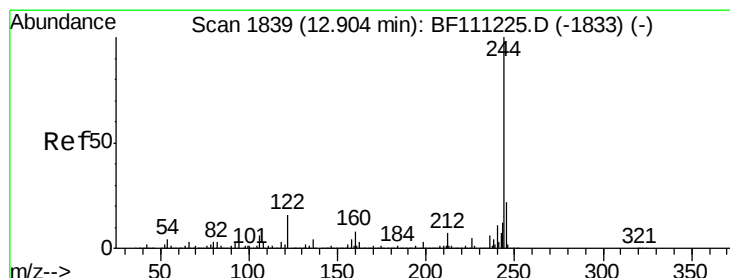
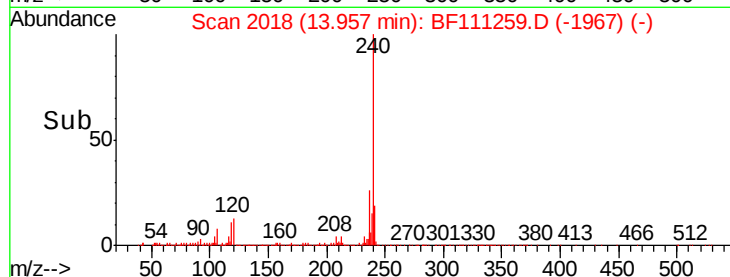
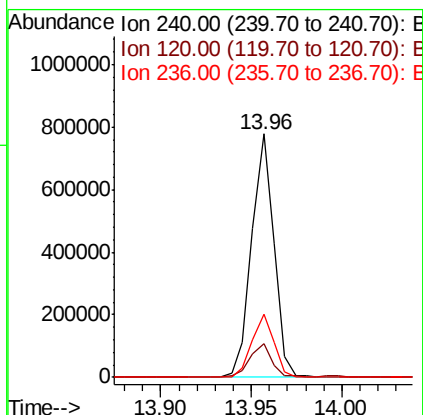
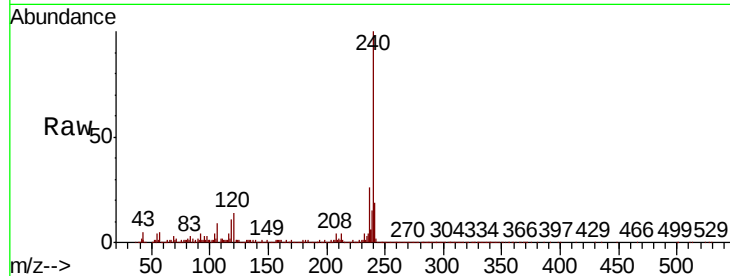




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

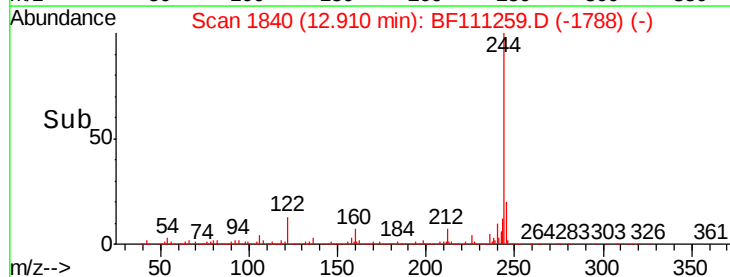
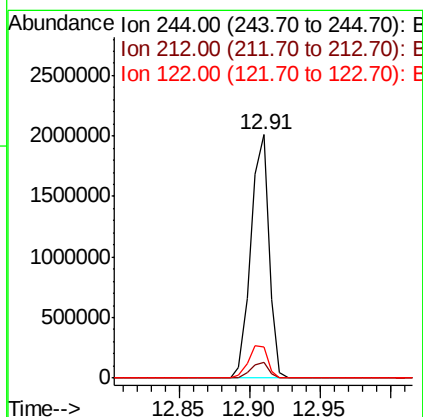
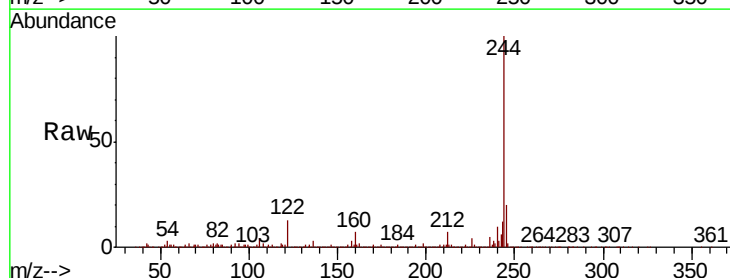
Instrument :
BNA_F
ClientSampleId :
S-1RE

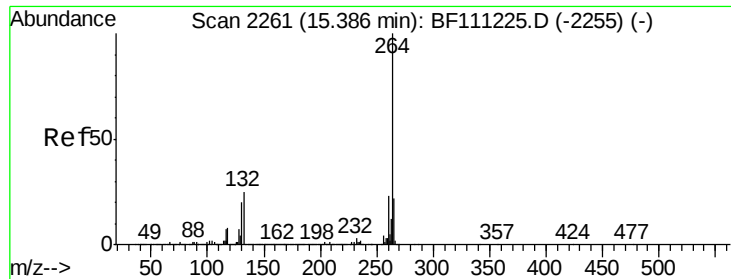
Tgt Ion:240 Resp: 664921
Ion Ratio Lower Upper
240 100
120 13.7 12.2 18.2
236 26.1 20.2 30.2



#79
Terphenyl-d14
Concen: 65.821 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

Tgt Ion:244 Resp: 1824614
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 13.0 13.1 19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111259.D
Acq: 10 Dec 2018 23:04

Instrument :
BNA_F
ClientSampleId :
S-1RE

Tgt Ion: 264 Resp: 512066
Ion Ratio Lower Upper
264 100
260 24.5 18.3 27.5
265 20.8 17.7 26.5

