

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111298.D
 Acq On : 12 Dec 2018 1:33
 Operator : JU/SJ
 Sample : J6214-39
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Quant Time: Dec 12 04:32:27 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

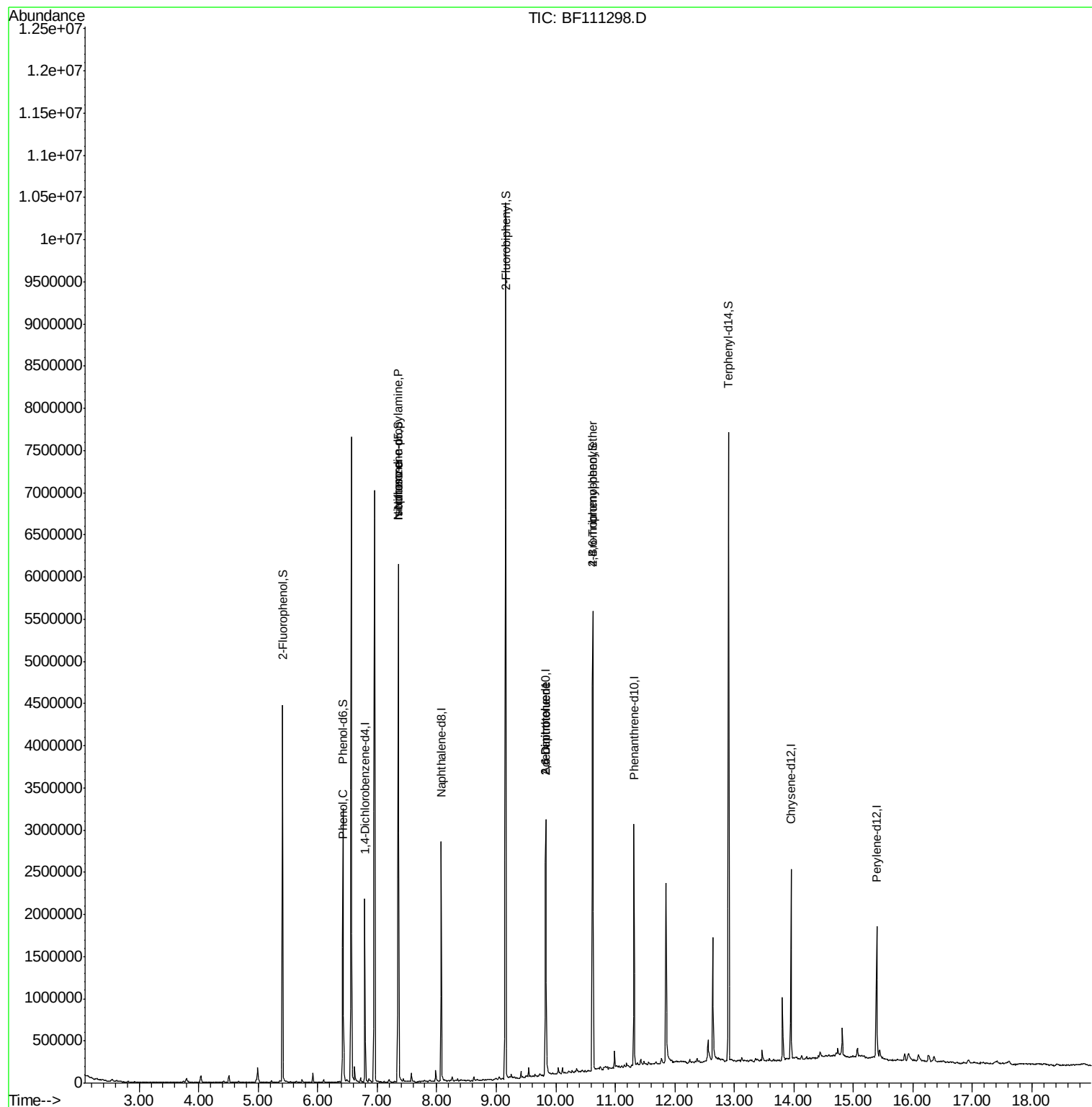
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	320955	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1261617	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	583143	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	967842	20.00	ng	0.00
76) Chrysene-d12	13.95	240	712860	20.00	ng	0.00
87) Perylene-d12	15.39	264	694476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1148949	56.53	ng	0.00
7) Phenol-d6	6.42	99	1004021	39.75	ng	-0.01
23) Nitrobenzene-d5	7.36	82	2011555	89.43	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	629937	121.95	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3168910	99.47	ng	0.00
79) Terphenyl-d14	12.90	244	2673098	89.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2845	Below Cal		Qvalue # 1
10) Phenol	6.43	94	121003	4.097 ng		94
19) n-Nitroso-di-n-propylamine	7.36	70	271343	16.036 ng	#	79
25) Isophorone	7.36	82	2000130	52.208 ng	#	64
46) 1,1'-Biphenyl	9.25	154	8663	Below Cal		96
51) 2,6-Dinitrotoluene	9.83	165	76536	8.055 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	76536	6.534 ng	#	25
67) 4-Bromophenyl-phenylether	10.62	248	40327	3.804 ng	#	1

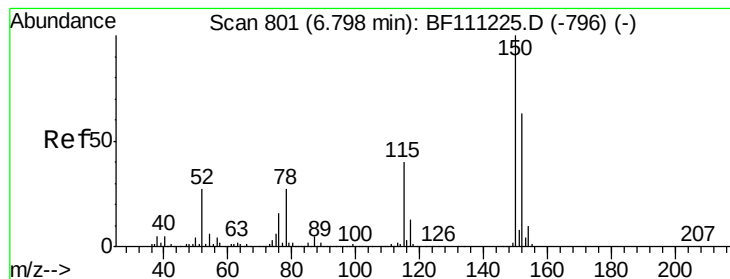
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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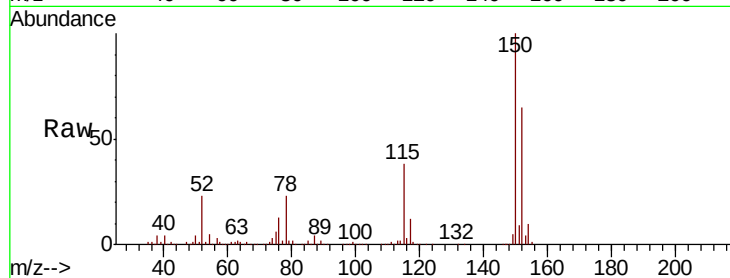


#1

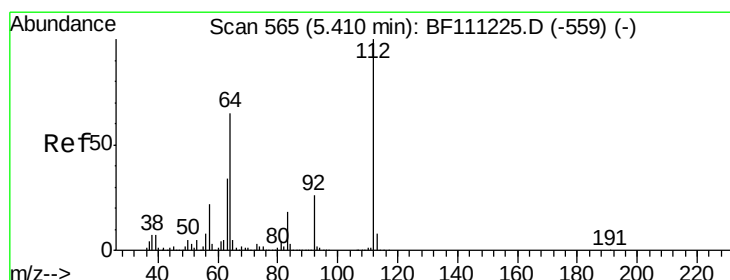
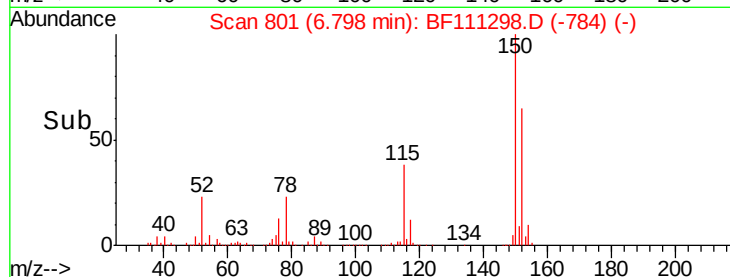
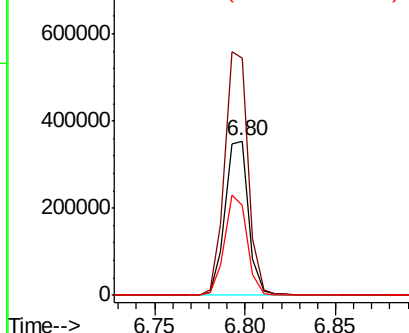
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:152 Resp: 320955
Ion Ratio Lower Upper
152 100
150 154.3 126.6 189.8
115 58.2 50.7 76.1



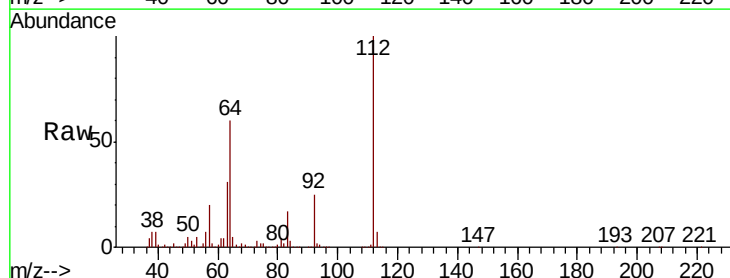
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



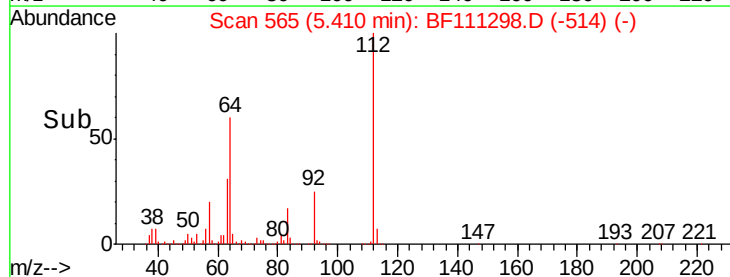
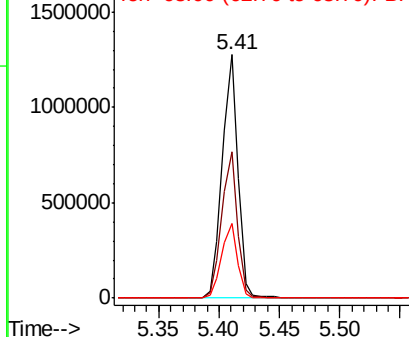
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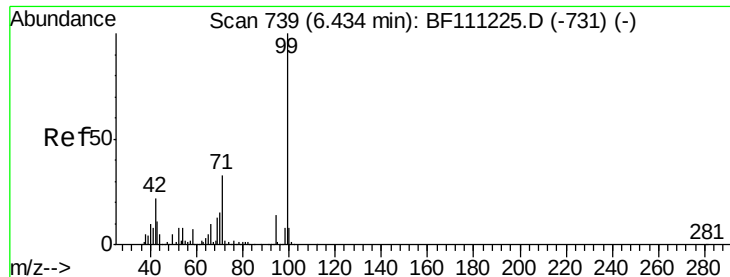
2-Fluorophenol
Concen: 56.527 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

Tgt Ion:112 Resp: 1148949
Ion Ratio Lower Upper
112 100
64 60.0 51.8 77.6
63 30.7 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: 39.748 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111298.D

Acq: 12 Dec 2018 1:33

Instrument :

BNA_F

ClientSampleId :

TW-2

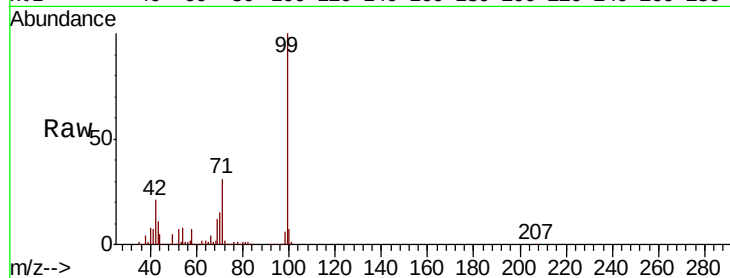
Tgt Ion: 99 Resp: 1004021

Ion Ratio Lower Upper

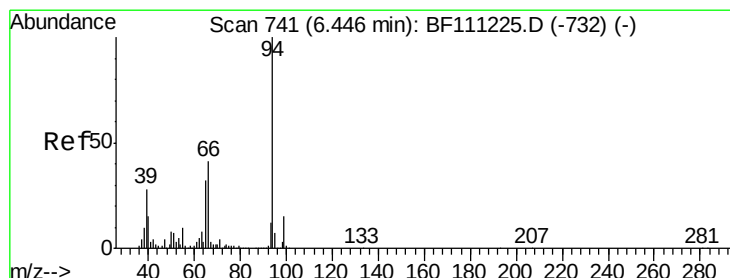
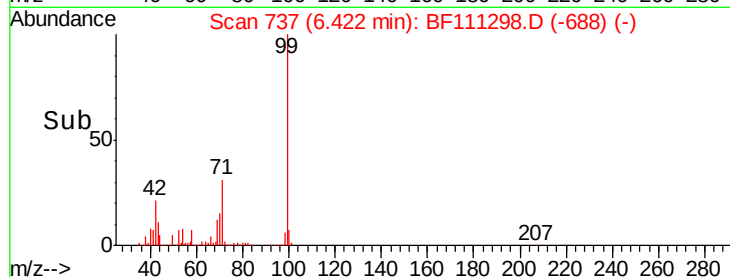
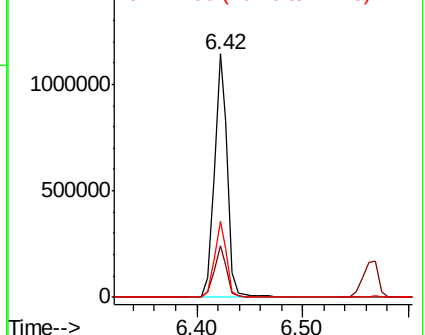
99 100

42 21.4 17.4 26.0

71 31.0 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: 4.097 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111298.D

Acq: 12 Dec 2018 1:33

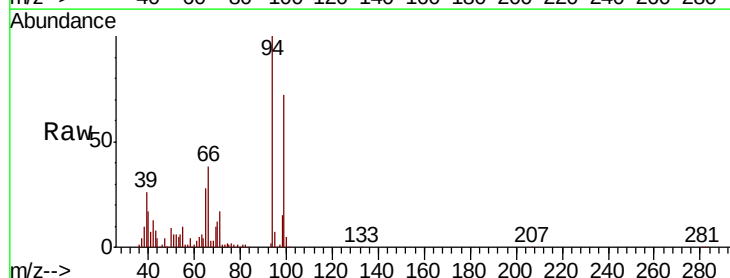
Tgt Ion: 94 Resp: 121003

Ion Ratio Lower Upper

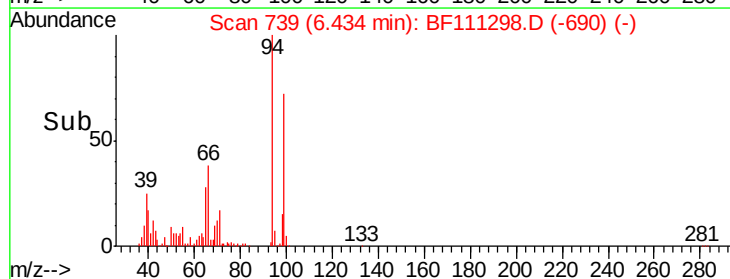
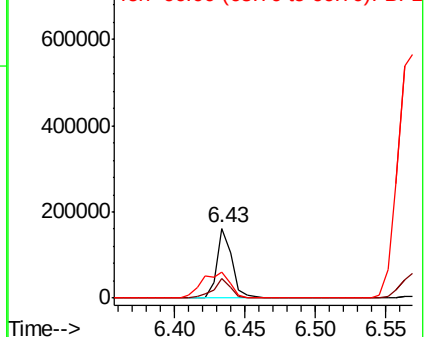
94 100

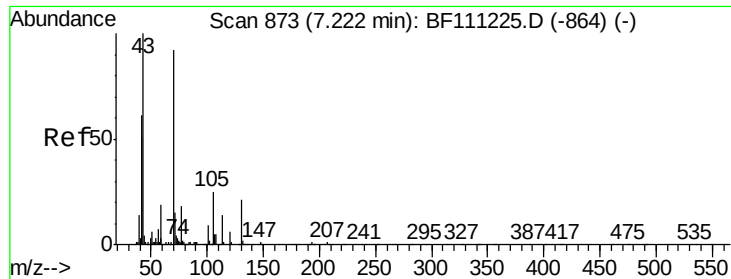
65 27.8 11.7 51.7

66 37.5 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

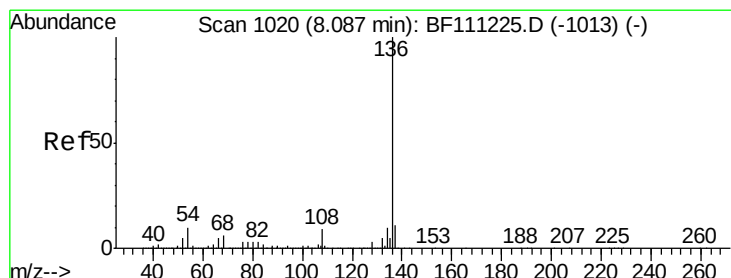
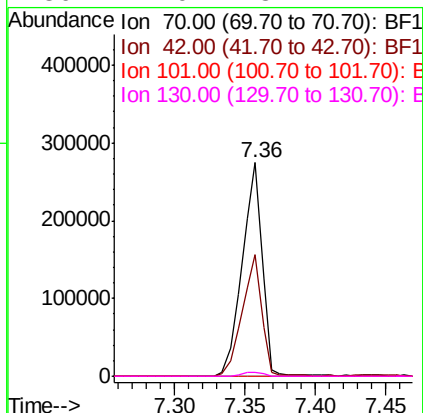
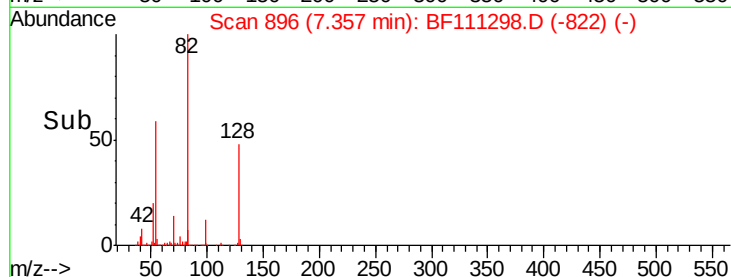
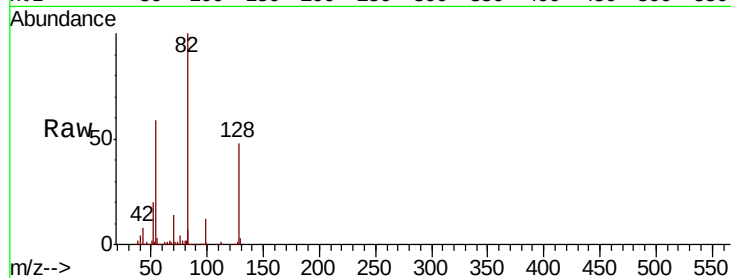




#19
n-Nitroso-di-n-propylamine
Concen: 16.036 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

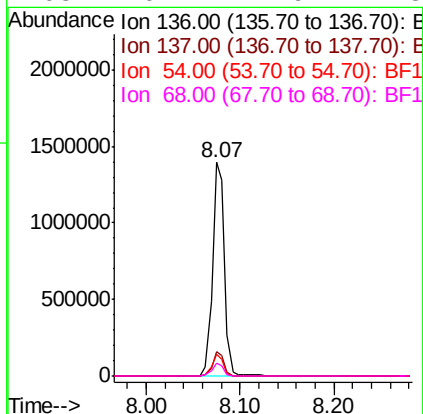
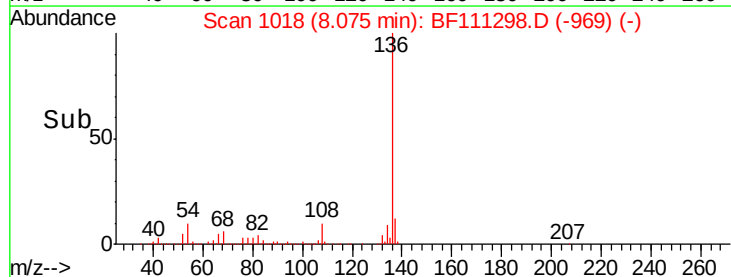
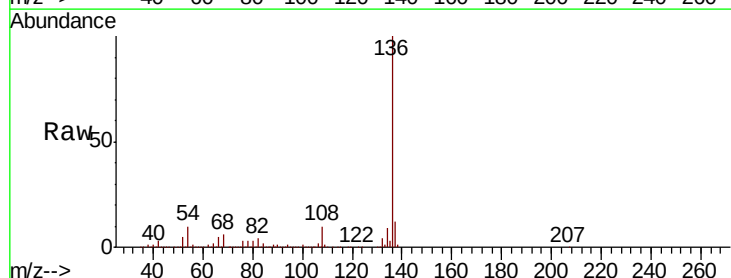
Instrument :
BNA_F
ClientSampleId :
TW-2

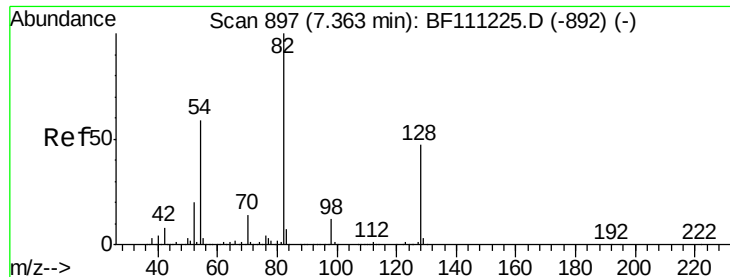
Tgt Ion: 70 Resp: 271343
Ion Ratio Lower Upper
70 100
42 56.8 53.2 79.8
101 0.0 8.2 12.4#
130 2.0 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

Tgt Ion: 136 Resp: 1261617
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 10.4 7.7 11.5
68 6.1 4.9 7.3

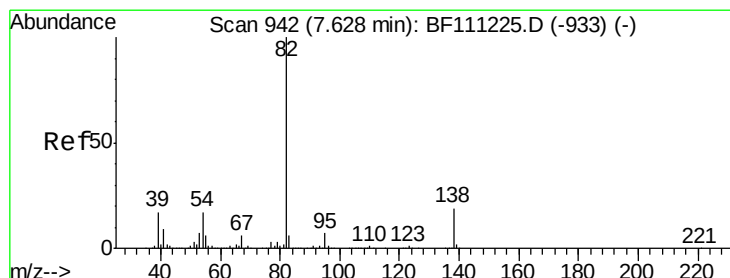
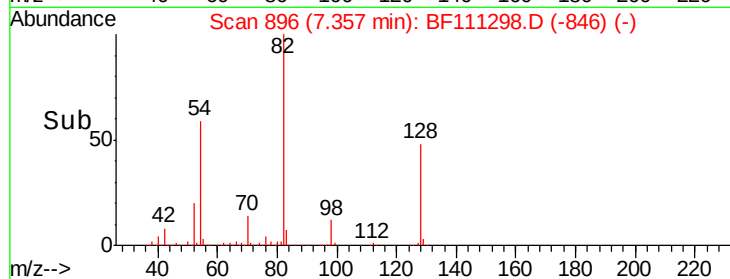
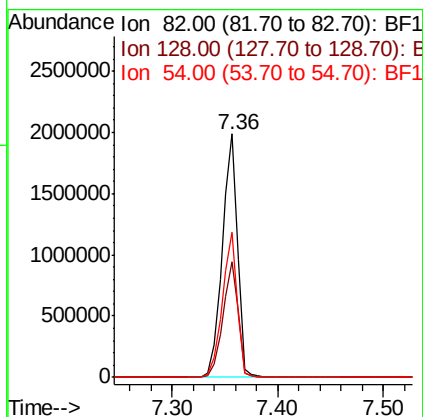
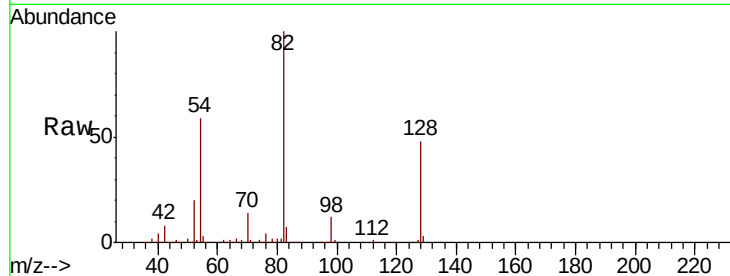




#23
 Nitrobenzene-d5
 Concen: 89.429 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF111298.D
 Acq: 12 Dec 2018 1:33

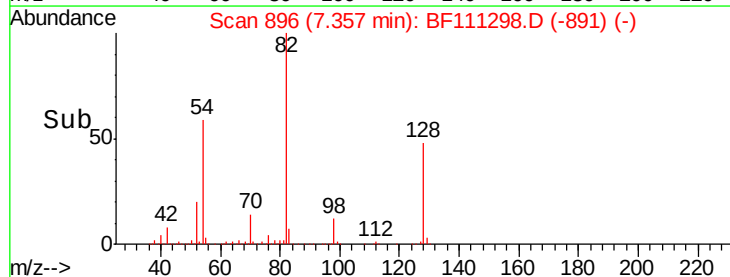
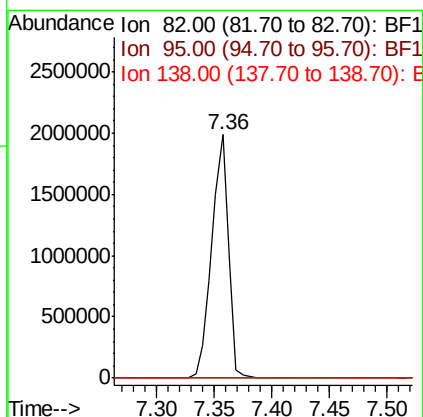
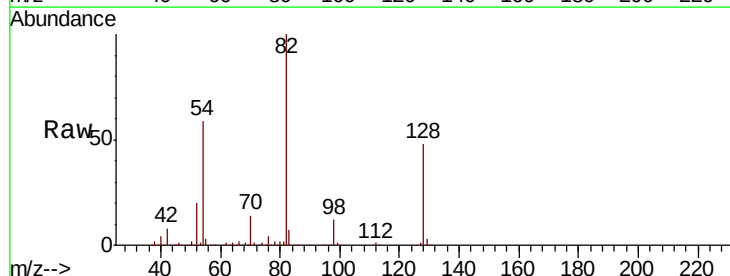
Instrument :
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 TW-2

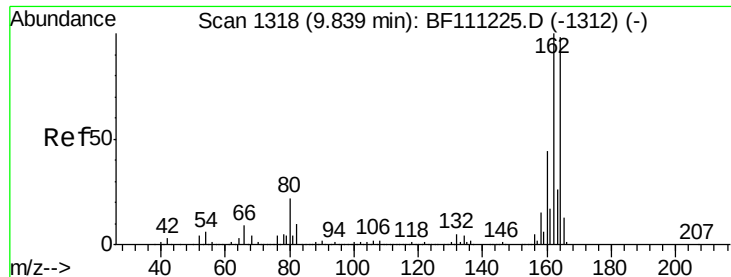
Tgt Ion: 82 Resp: 2011555
 Ion Ratio Lower Upper
 82 100
 128 47.6 37.4 56.2
 54 59.5 47.6 71.4



#25
 Isophorone
 Concen: 52.208 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.27 min
 Lab File: BF111298.D
 Acq: 12 Dec 2018 1:33

Tgt Ion: 82 Resp: 2000130
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#

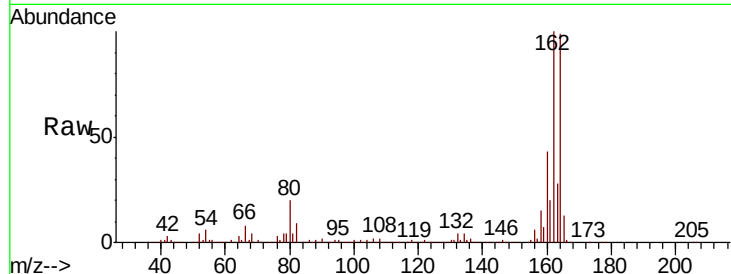




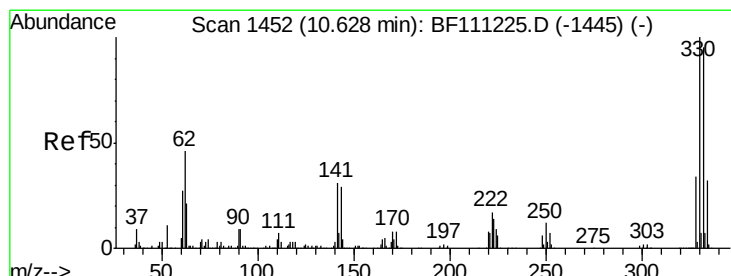
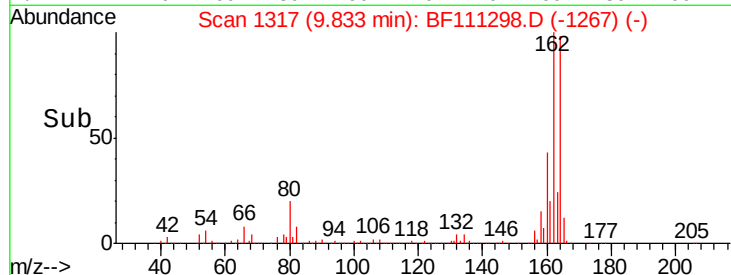
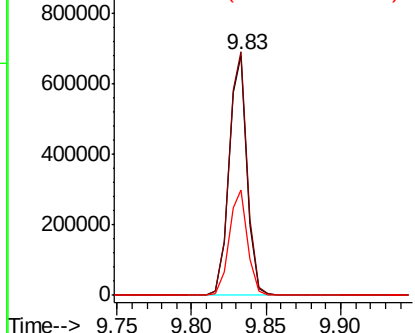
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:164 Resp: 583143
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 43.9 35.7 53.5

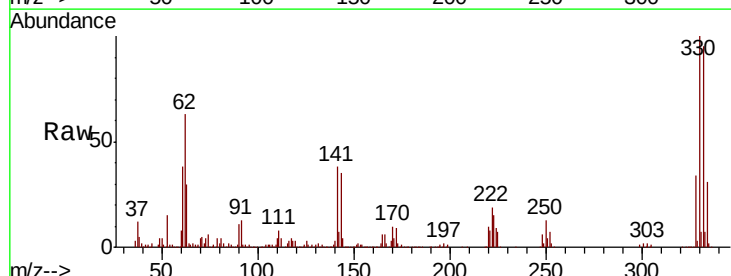


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

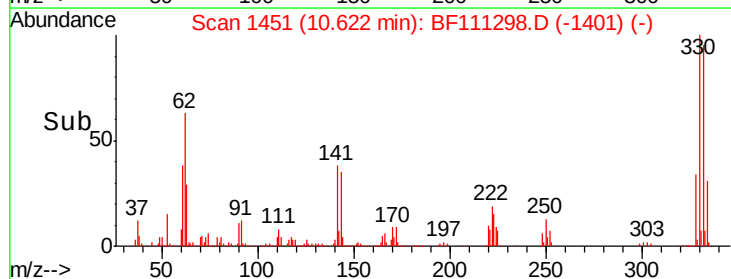
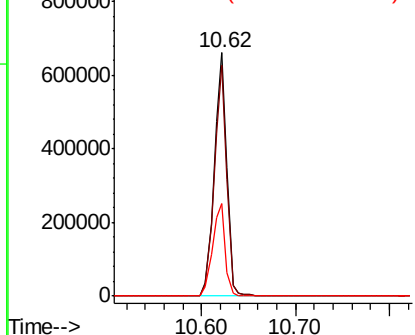


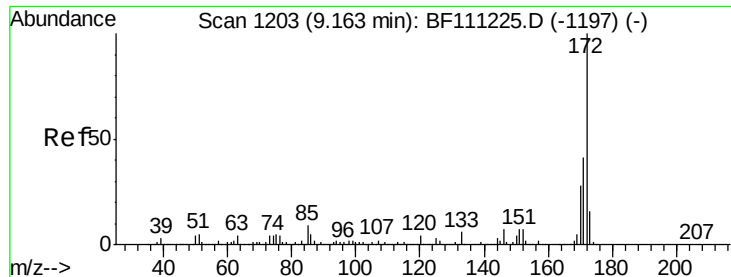
#42
2,4,6-Tribromophenol
Concen: 121.950 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

Tgt Ion:330 Resp: 629937
Ion Ratio Lower Upper
330 100
332 94.0 76.0 114.0
141 38.4 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

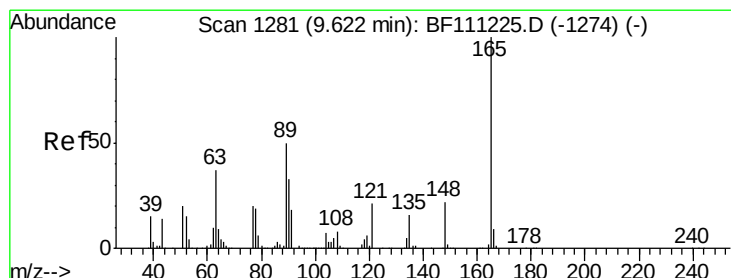
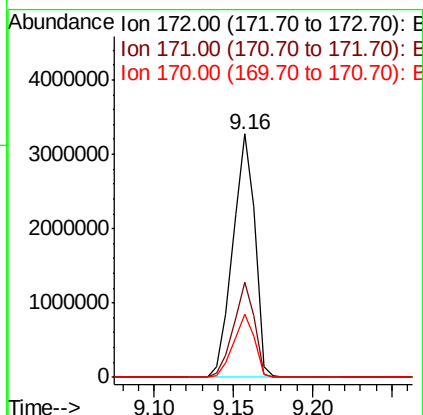
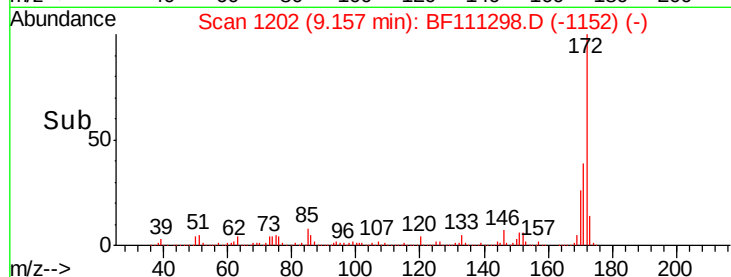
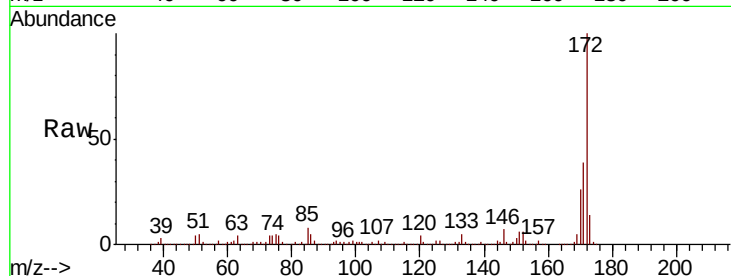




#45
2-Fluorobiphenyl
Concen: 99.469 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

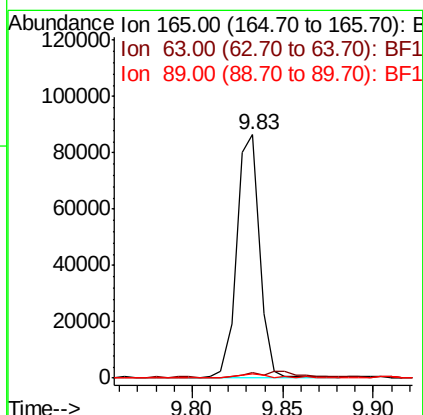
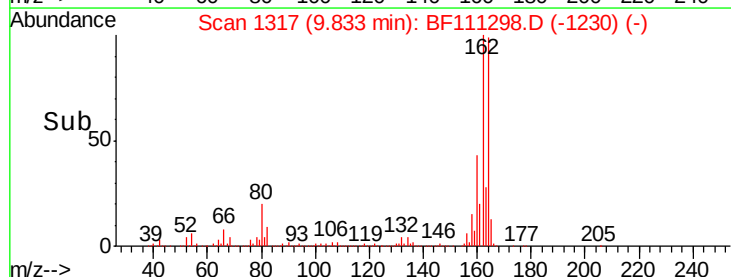
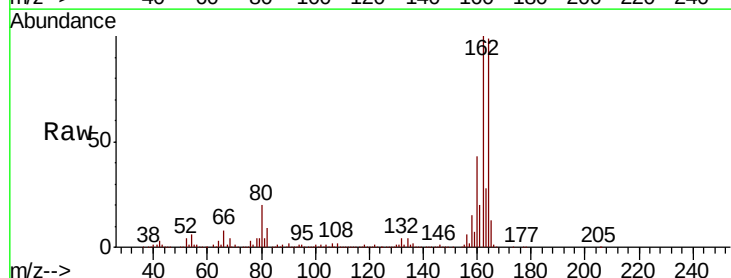
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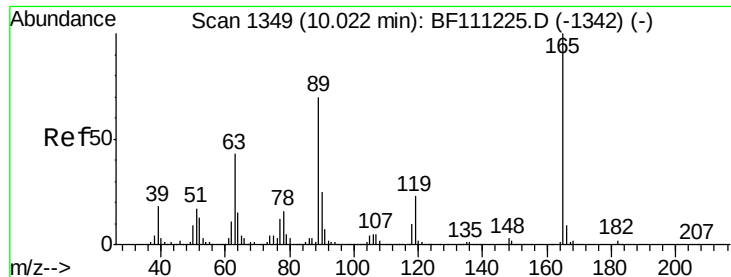
Tgt Ion:172 Resp: 3168910
Ion Ratio Lower Upper
172 100
171 38.8 33.0 49.4
170 26.1 22.3 33.5



#51
2,6-Dinitrotoluene
Concen: 8.055 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF111298.D
Acq: 12 Dec 2018 1:33

Tgt Ion:165 Resp: 76536
Ion Ratio Lower Upper
165 100
63 2.1 40.5 60.7#
89 1.6 40.0 60.0#

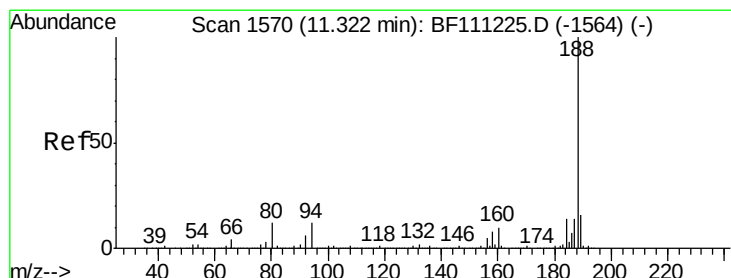
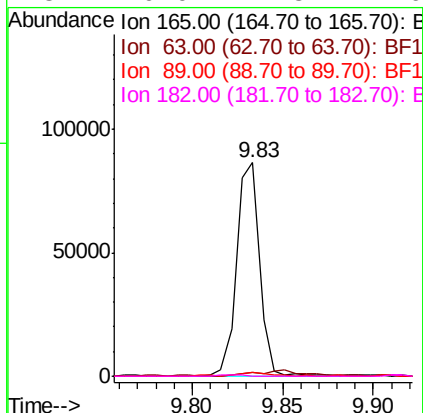
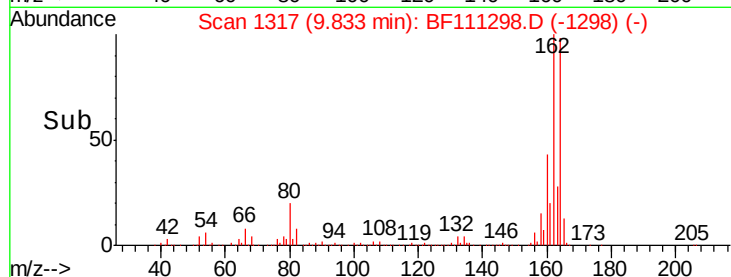
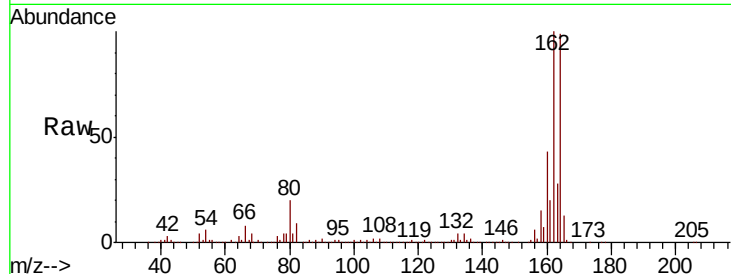




#57
 2,4-Dinitrotoluene
 Concen: 6.534 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF111298.D
 Acq: 12 Dec 2018 1:33

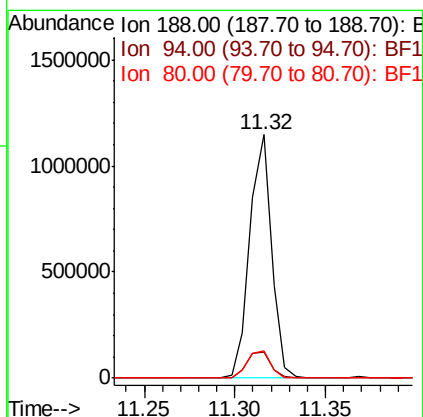
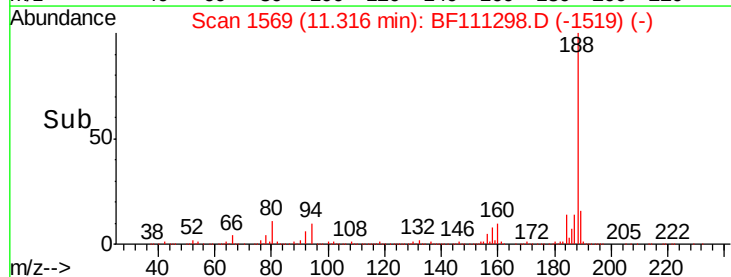
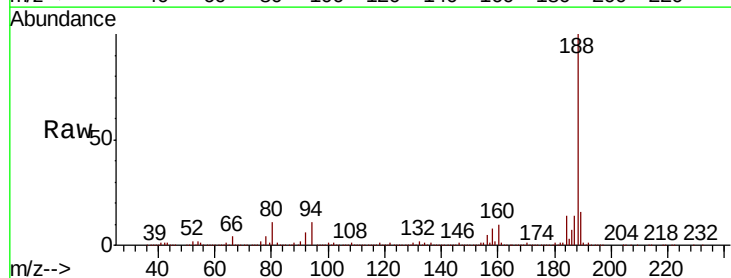
Instrument :
 BNA_F
 ClientSampled :
 TW-2

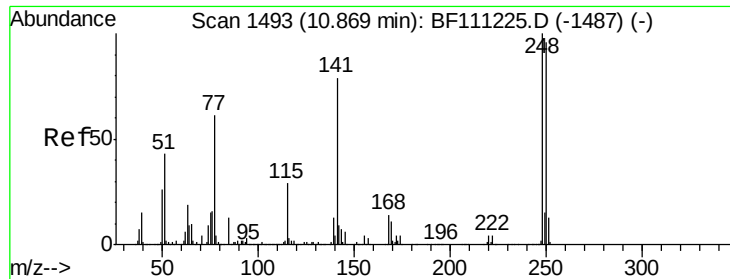
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF111298.D
 Acq: 12 Dec 2018 1:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.6	14.4
80	11.4	9.8	14.6

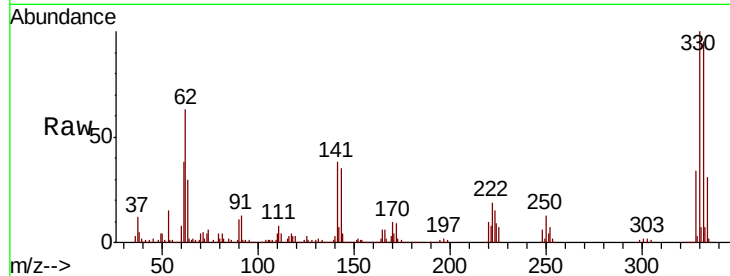




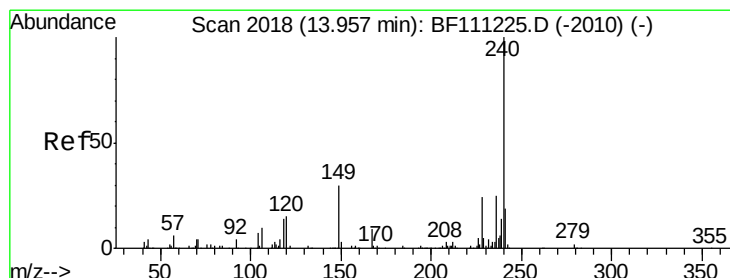
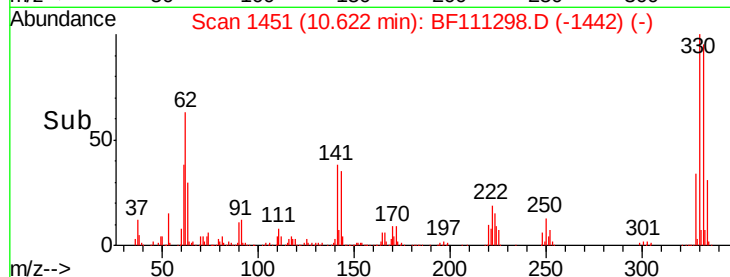
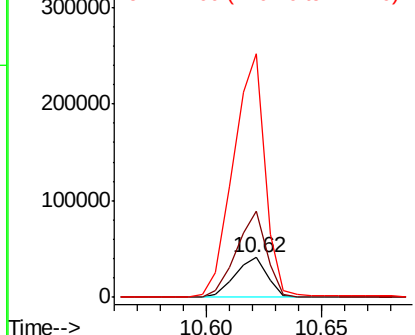
#67
 4-Bromophenyl-phenylether
 Concen: 3.804 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF111298.D
 Acq: 12 Dec 2018 1:33

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion:248 Resp: 40327
 Ion Ratio Lower Upper
 248 100
 250 214.1 77.0 115.4#
 141 609.4 63.0 94.6#

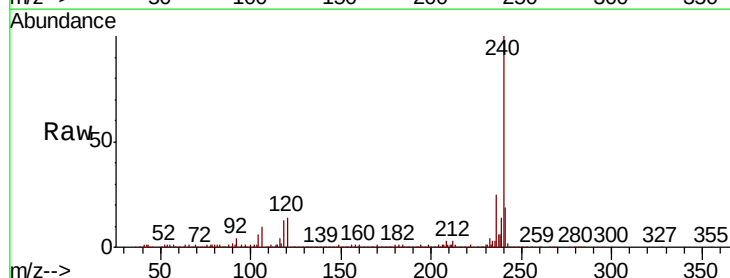


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

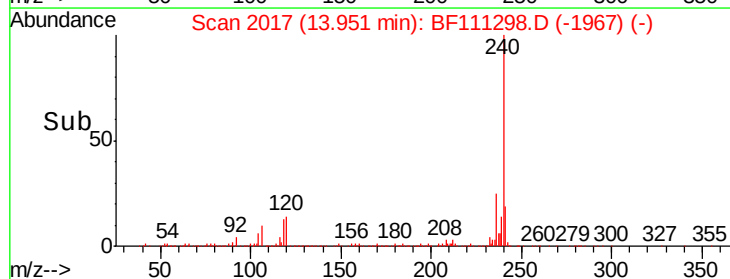
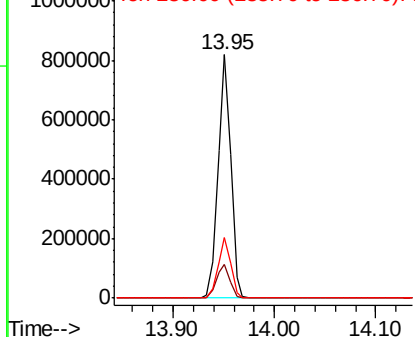


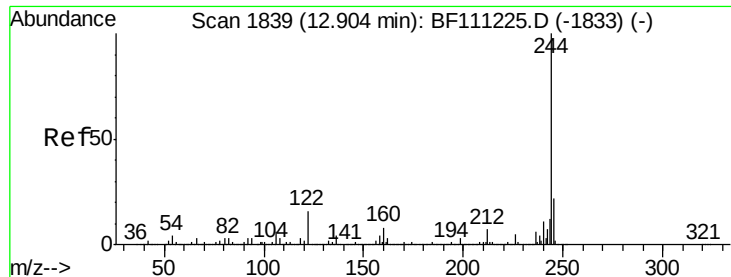
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111298.D
 Acq: 12 Dec 2018 1:33

Tgt Ion:240 Resp: 712860
 Ion Ratio Lower Upper
 240 100
 120 14.0 12.2 18.2
 236 25.0 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: 89.945 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111298.D

Acq: 12 Dec 2018 1:33

Instrument :

BNA_F

ClientSampleId :

TW-2

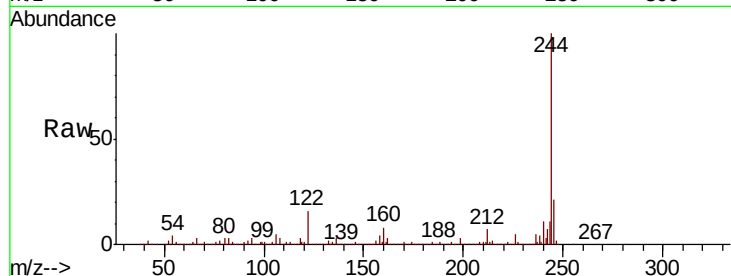
Tgt Ion:244 Resp: 2673098

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

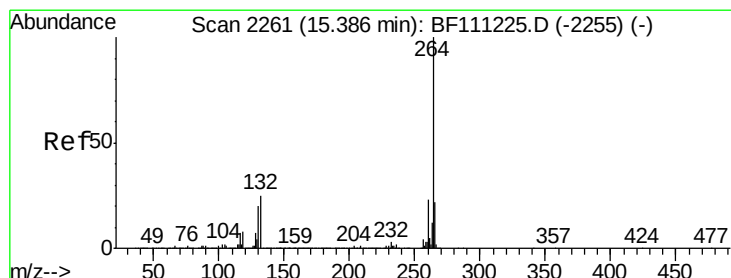
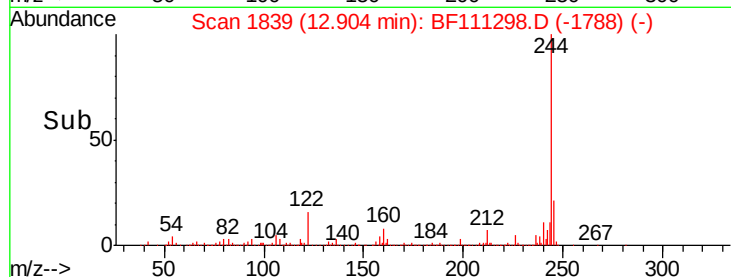
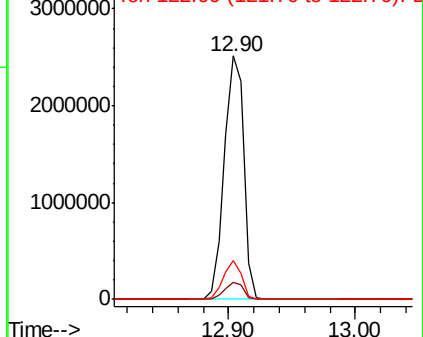
122 15.7 13.1 19.7



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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111298.D

Acq: 12 Dec 2018 1:33

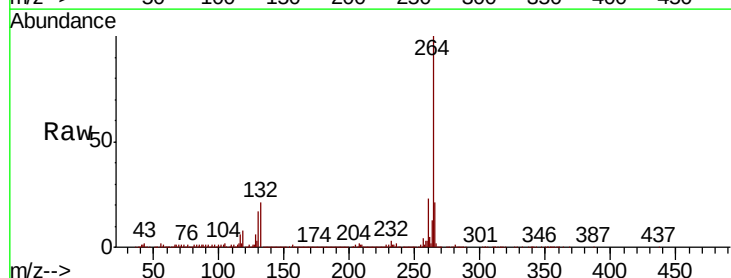
Tgt Ion:264 Resp: 694476

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 21.5 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

