

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111380.D
 Acq On : 13 Dec 2018 20:03
 Operator : JU/SJ
 Sample : J6214-53
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Quant Time: Dec 13 20:46:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

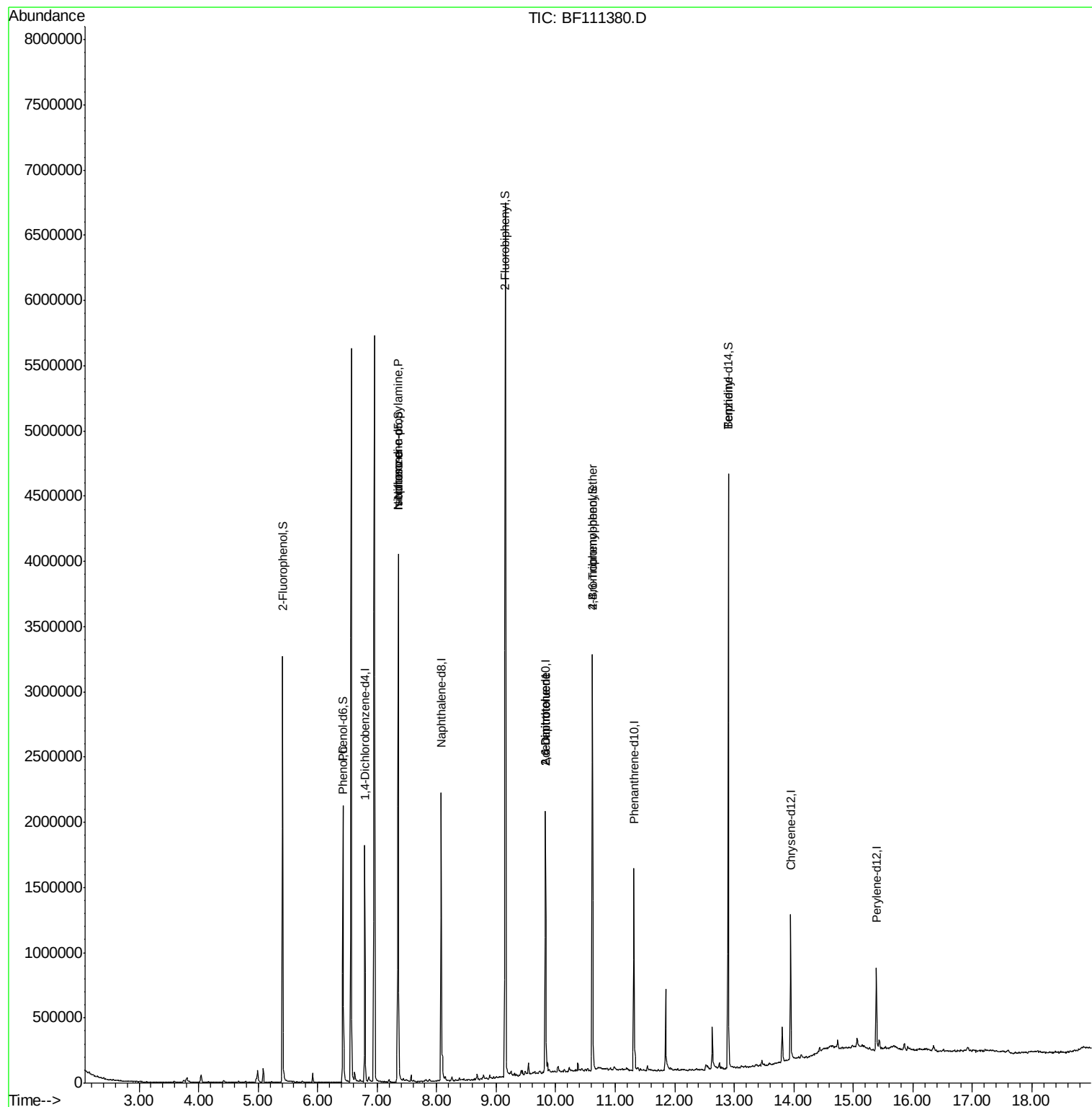
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	243703	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	925671	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	365256	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	521358	20.00	ng	0.00
76) Chrysene-d12	13.95	240	373112	20.00	ng	-0.01
87) Perylene-d12	15.39	264	286520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	877963	60.92	ng	0.00
7) Phenol-d6	6.42	99	689396	35.48	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1390825	84.69	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	337991	104.97	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2206277	96.98	ng	0.00
79) Terphenyl-d14	12.90	244	1469111	86.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	1648	Below Cal		Qvalue
10) Phenol	6.43	94	48270	2.193 ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	184045	14.254 ng	#	95
25) Isophorone	7.36	82	1365850	48.960 ng	#	79
51) 2,6-Dinitrotoluene	9.83	165	47919	8.230 ng	#	64
57) 2,4-Dinitrotoluene	9.83	165	47919	6.422 ng	#	29
67) 4-Bromophenyl-phenylether	10.62	248	21043	3.626 ng	#	25
77) Benzidine	12.90	184	17207	2.444 ng	#	1
						98

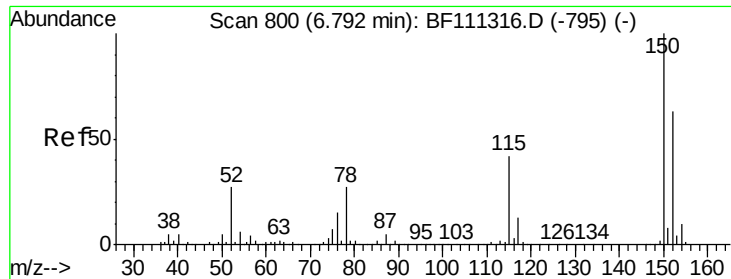
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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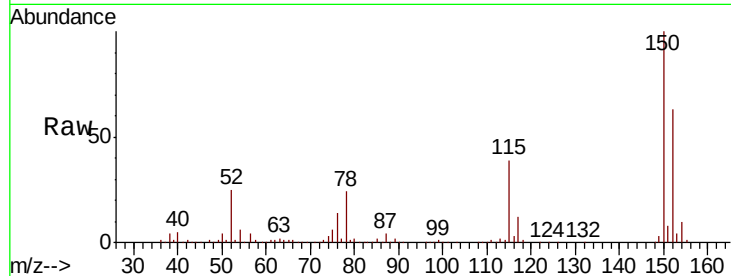




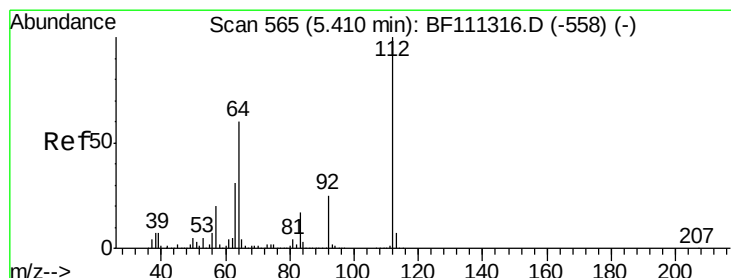
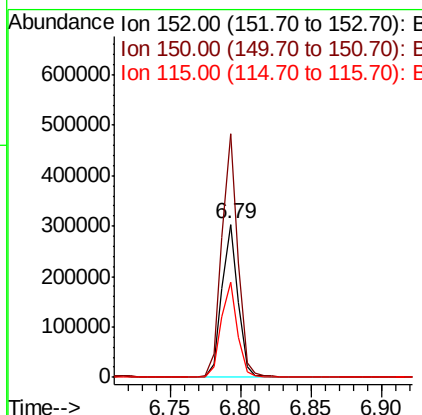
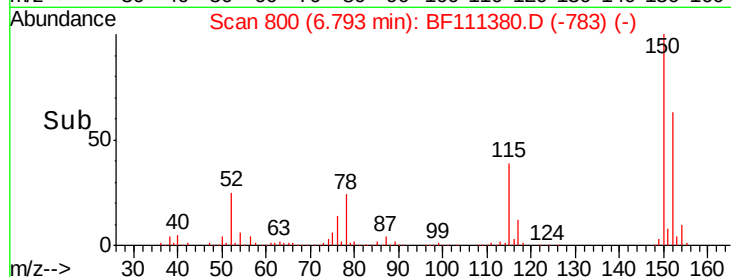
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111380.D
 Acq: 13 Dec 2018 20:03

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Tgt Ion:152 Resp: 243703
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.6 189.8
 115 62.2 50.7 76.1

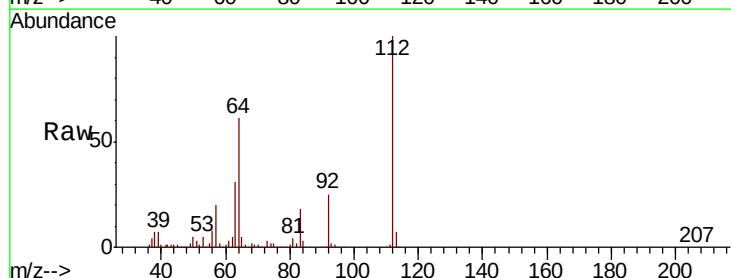


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

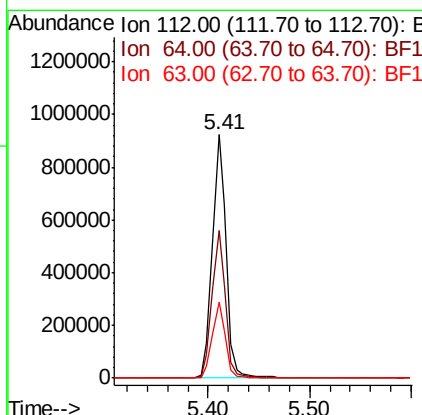
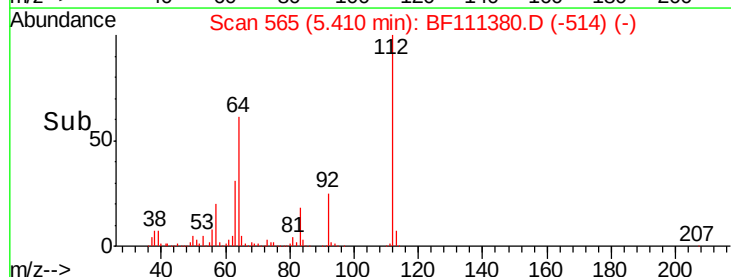


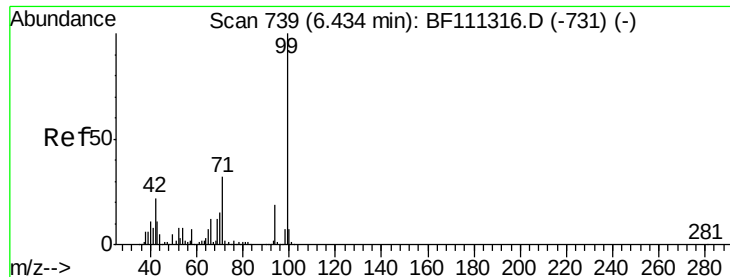
#5
 2-Fluorophenol
 Concen: 60.921 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF111380.D
 Acq: 13 Dec 2018 20:03

Tgt Ion:112 Resp: 877963
 Ion Ratio Lower Upper
 112 100
 64 60.9 51.8 77.6
 63 31.2 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: 35.480 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111380.D

Acq: 13 Dec 2018 20:03

Instrument :

BNA_F

ClientSampled :

TW-5

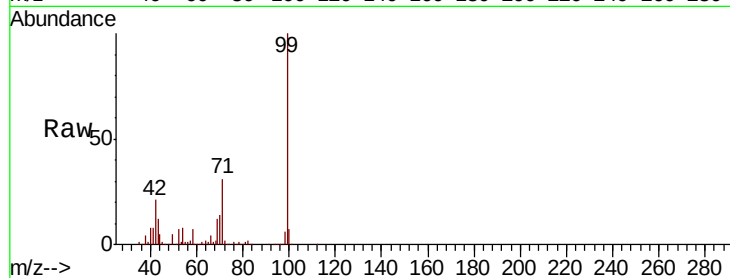
Tgt Ion: 99 Resp: 689396

Ion Ratio Lower Upper

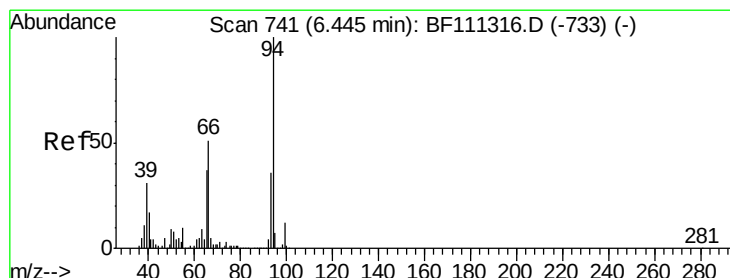
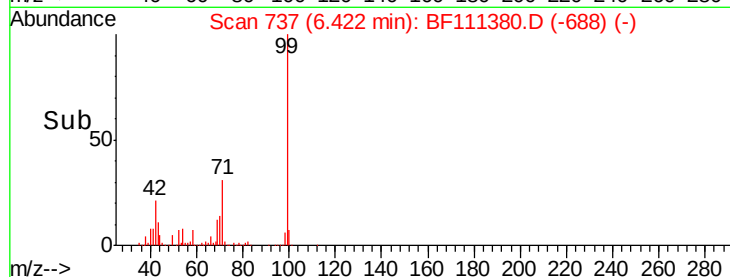
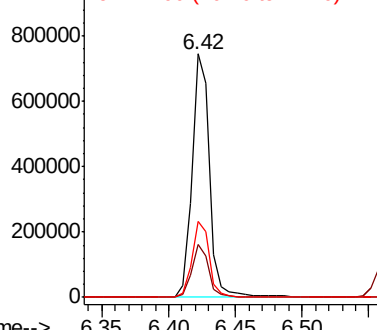
99 100

42 21.5 17.4 26.0

71 31.3 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



#10

Phenol

Concen: 2.193 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111380.D

Acq: 13 Dec 2018 20:03

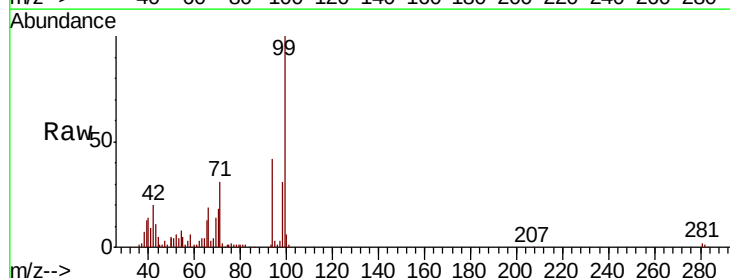
Tgt Ion: 94 Resp: 48270

Ion Ratio Lower Upper

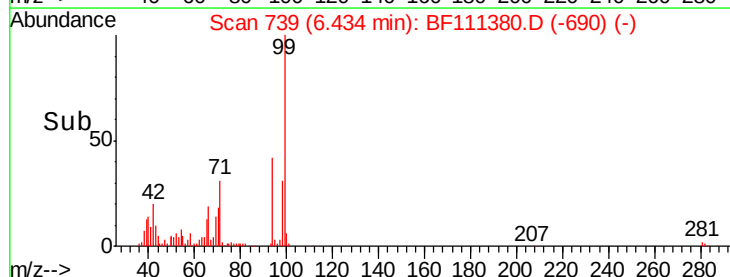
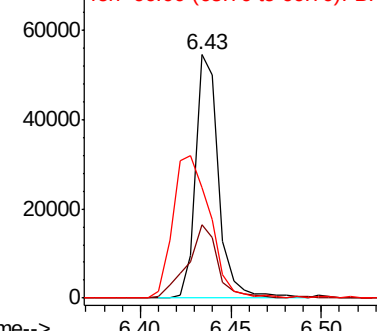
94 100

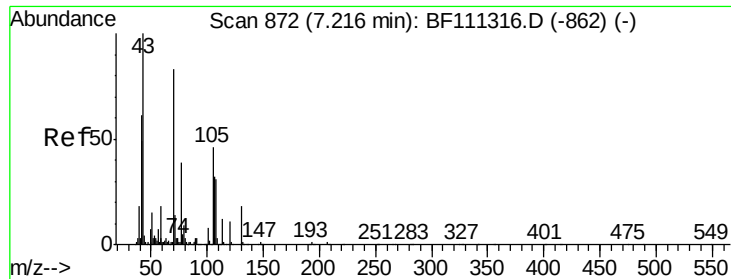
65 30.1 11.7 51.7

66 45.5 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

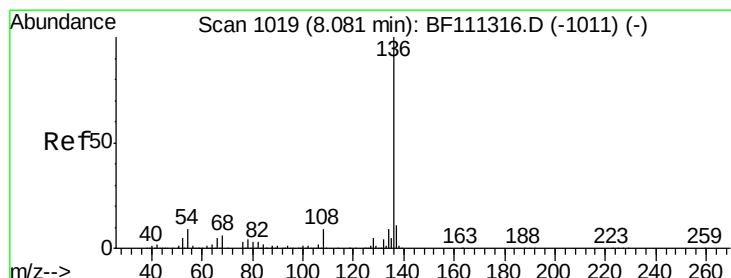
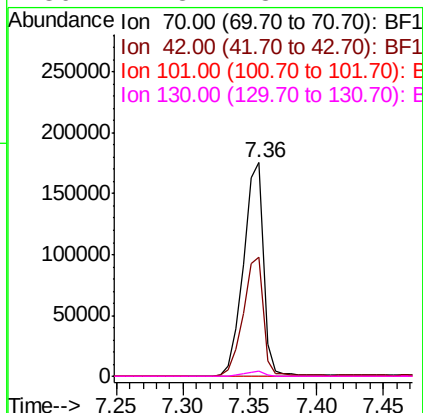
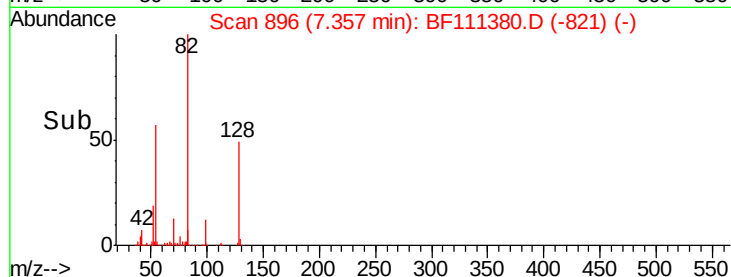
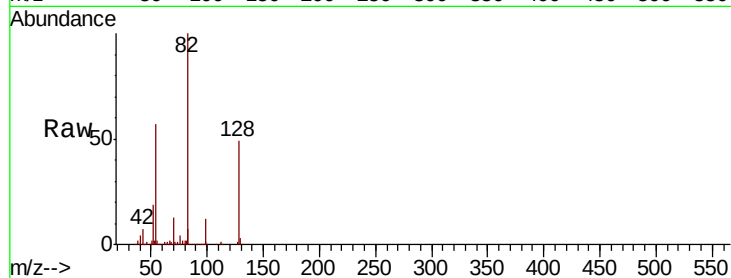




#19
n-Nitroso-di-n-propylamine
Concen: 14.254 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

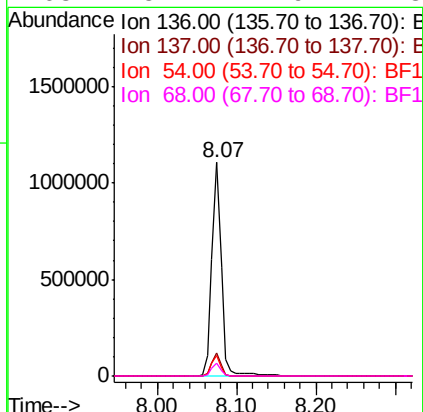
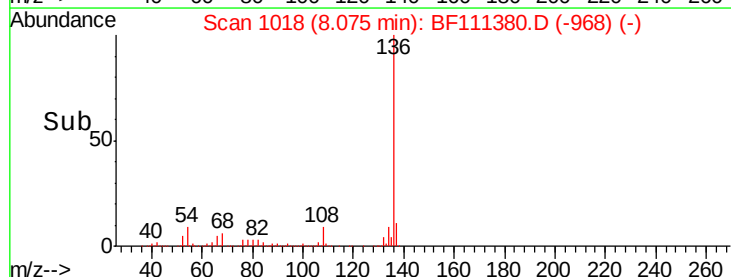
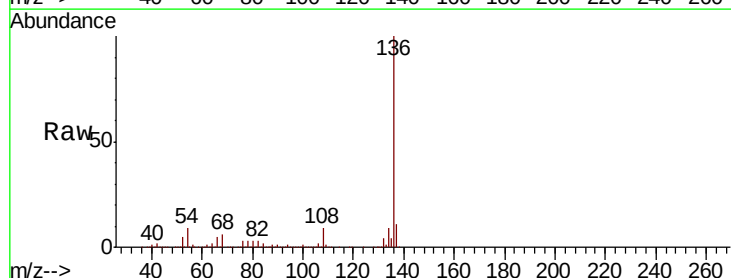
Instrument :
BNA_F
ClientSampleId :
TW-5

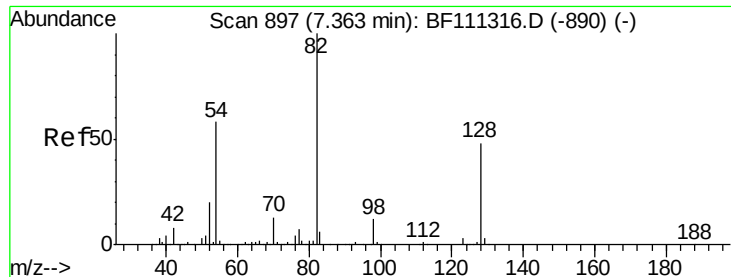
Tgt Ion: 70 Resp: 184045
Ion Ratio Lower Upper
70 100
42 55.7 53.2 79.8
101 0.0 8.2 12.4#
130 2.3 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

Tgt Ion: 136 Resp: 925671
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.3 7.7 11.5
68 5.7 4.9 7.3

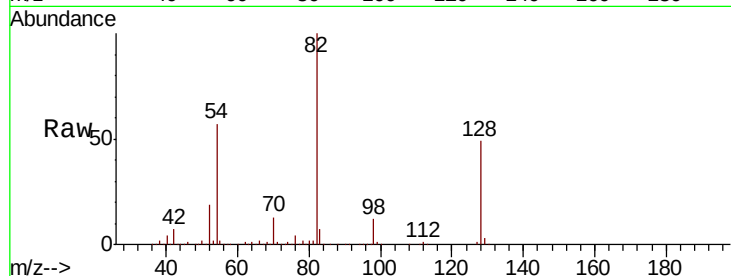




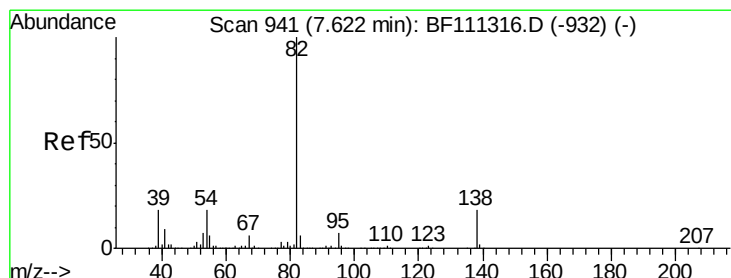
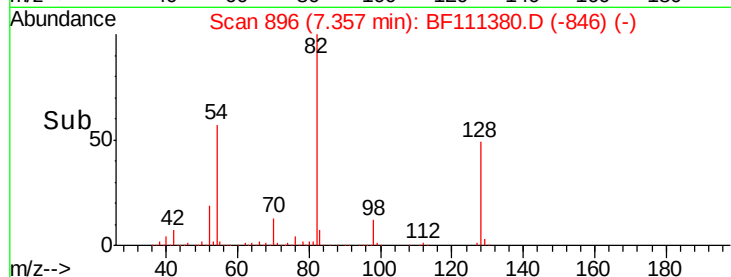
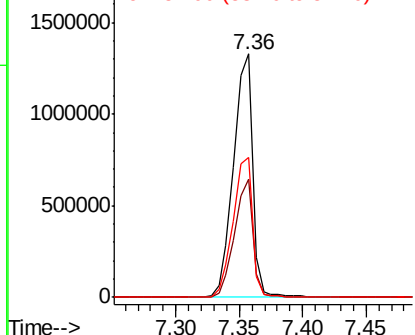
#23
Nitrobenzene-d5
Concen: 84.686 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

Instrument :
BNA_F
ClientSampled :
TW-5

Tgt Ion: 82 Resp: 1390825
Ion Ratio Lower Upper
82 100
128 48.6 37.4 56.2
54 57.4 47.6 71.4

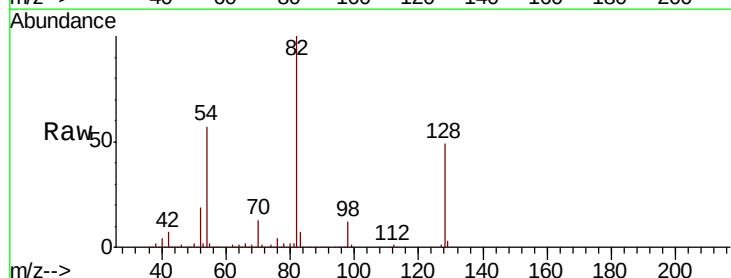


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

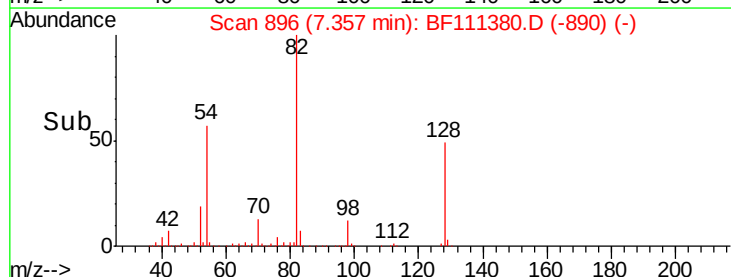
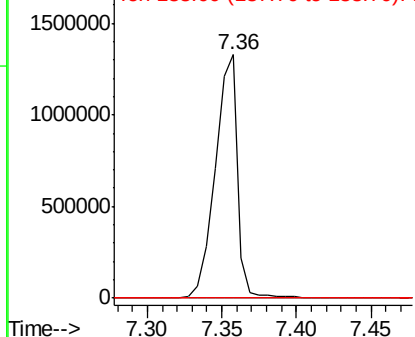


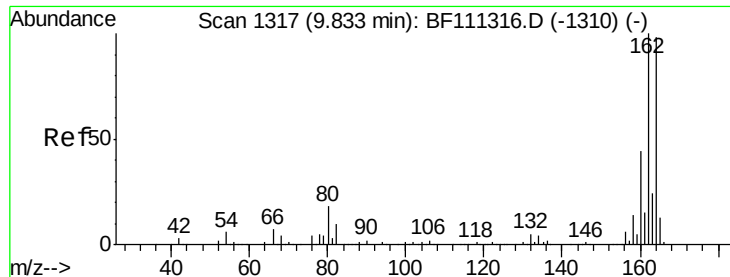
#25
Isophorone
Concen: 48.960 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

Tgt Ion: 82 Resp: 1365850
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



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

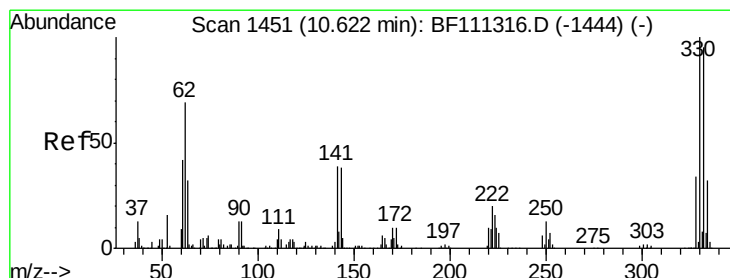
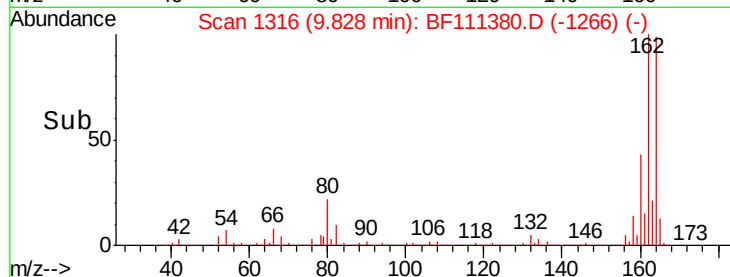
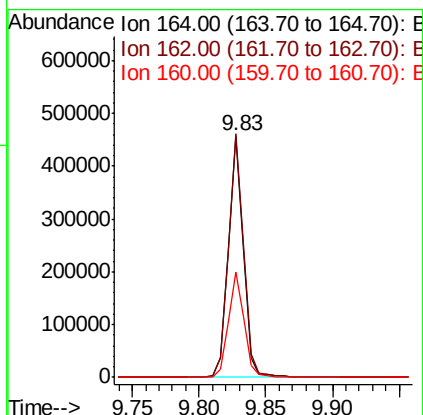
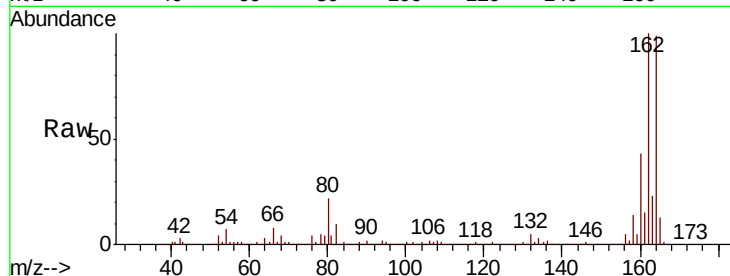




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111380.D
 Acq: 13 Dec 2018 20:03

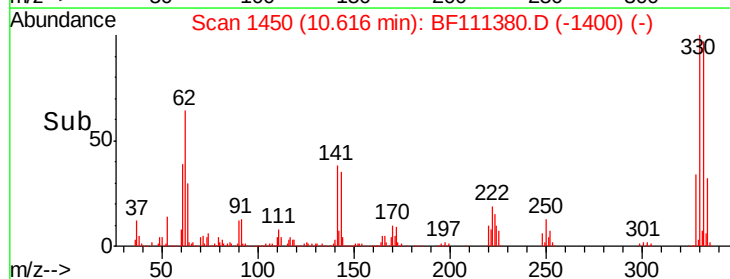
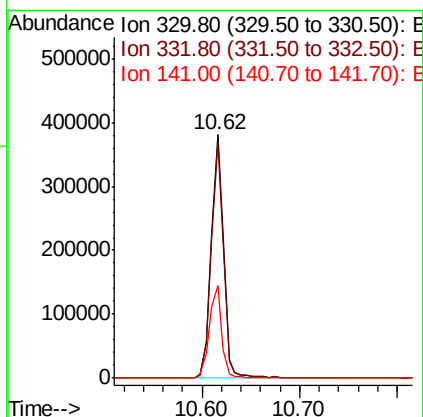
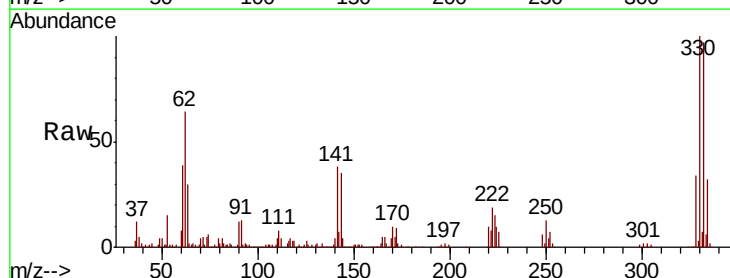
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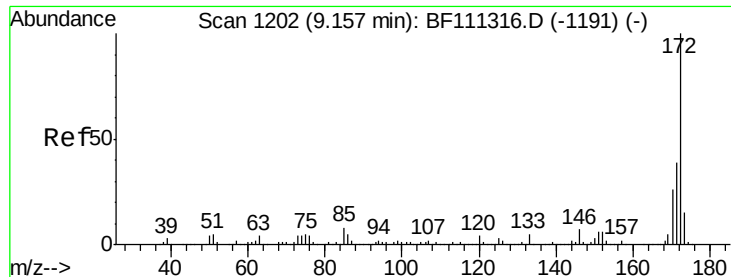
Tgt Ion:164 Resp: 365256
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.4 122.0
 160 43.8 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 104.973 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111380.D
 Acq: 13 Dec 2018 20:03

Tgt Ion:330 Resp: 337991
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.0 114.0
 141 38.8 31.0 46.6

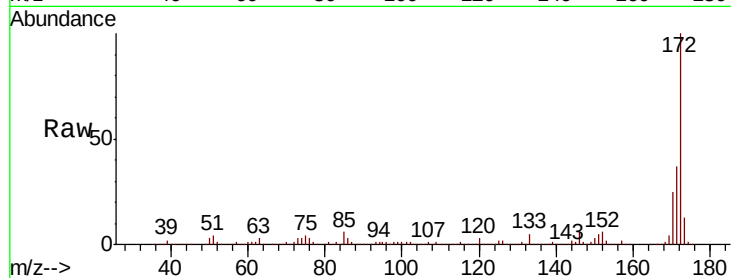




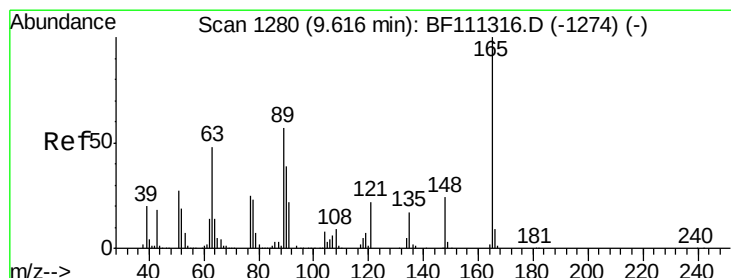
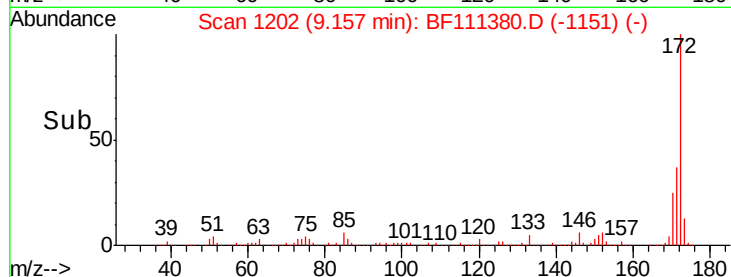
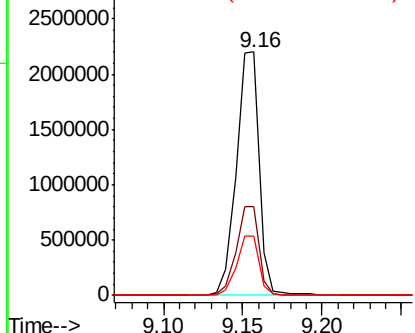
#45
 2-Fluorobiphenyl
 Concen: 96.977 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF111380.D
 Acq: 13 Dec 2018 20:03

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Tgt Ion:172 Resp: 2206277
 Ion Ratio Lower Upper
 172 100
 171 36.5 33.0 49.4
 170 24.5 22.3 33.5

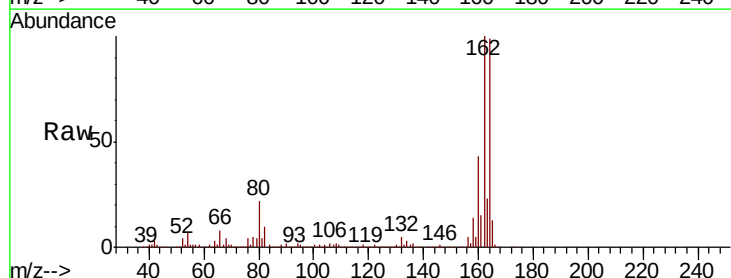


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

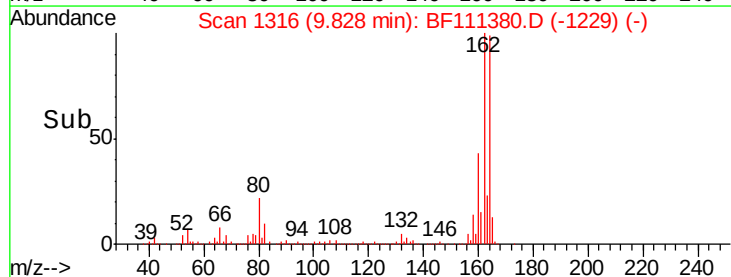
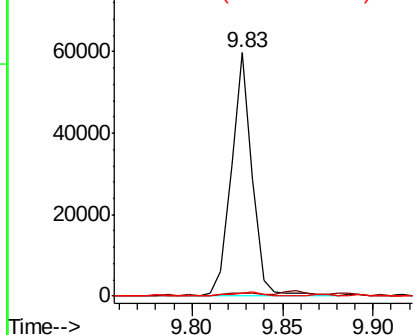


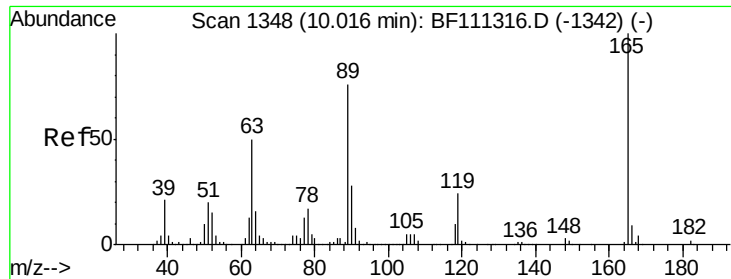
#51
 2,6-Dinitrotoluene
 Concen: 8.230 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111380.D
 Acq: 13 Dec 2018 20:03

Tgt Ion:165 Resp: 47919
 Ion Ratio Lower Upper
 165 100
 63 1.2 40.5 60.7#
 89 1.5 40.0 60.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

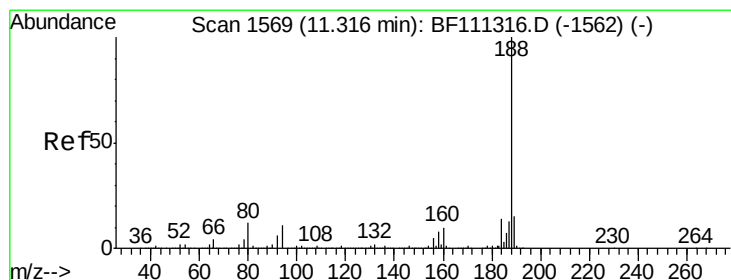
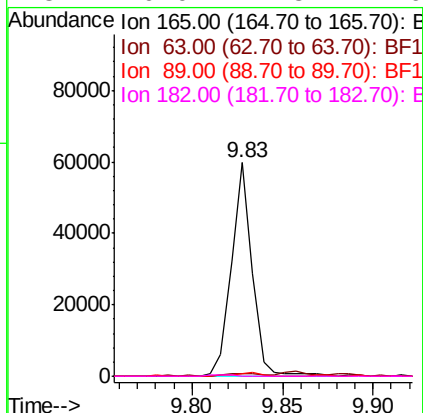
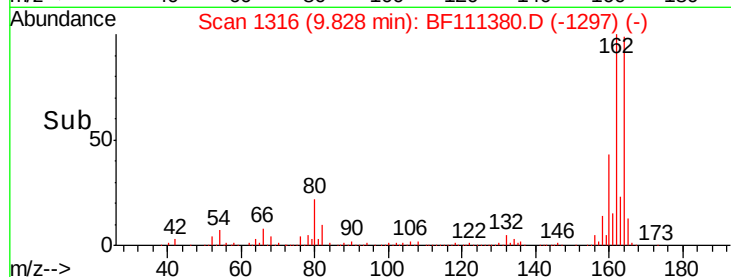
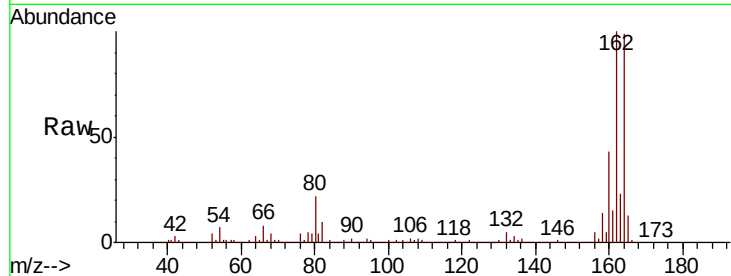




#57
2,4-Dinitrotoluene
Concen: 6.422 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

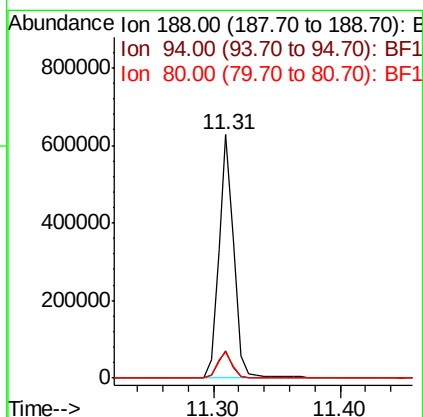
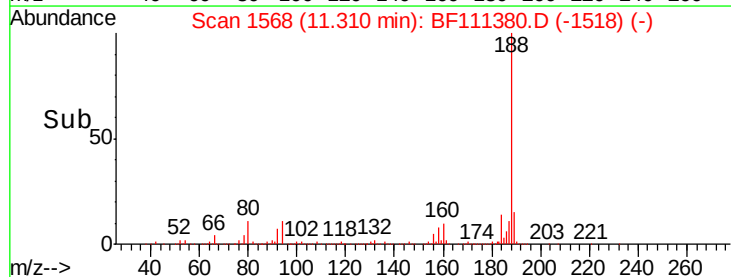
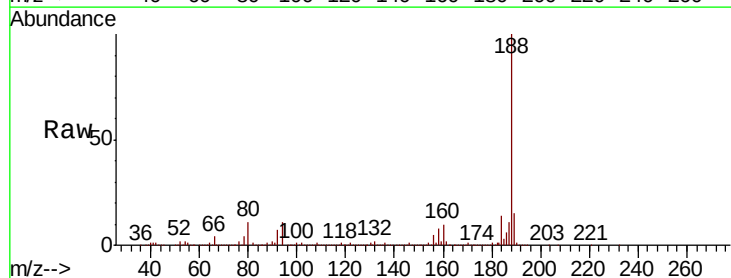
Instrument :
BNA_F
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TW-5

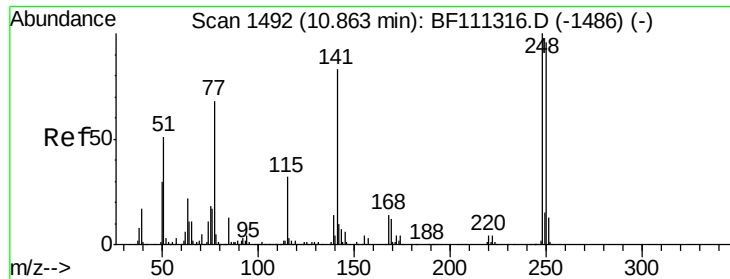
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.6	14.4
80	10.9	9.8	14.6

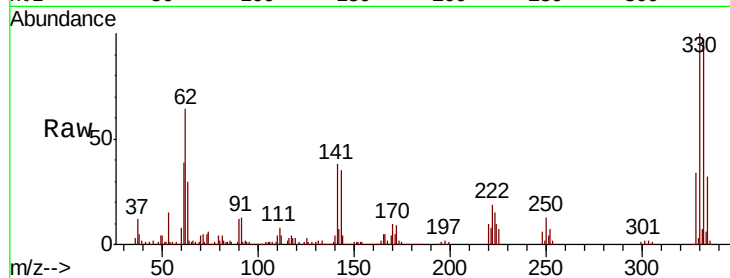




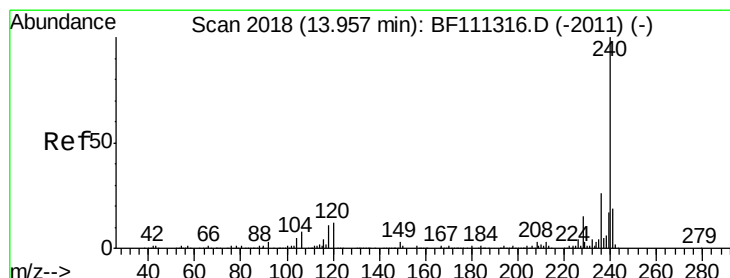
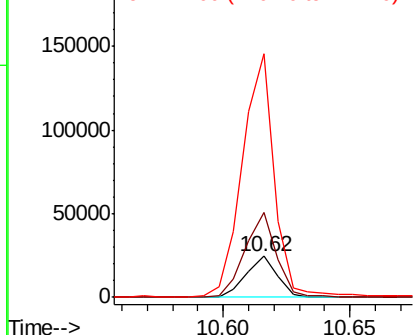
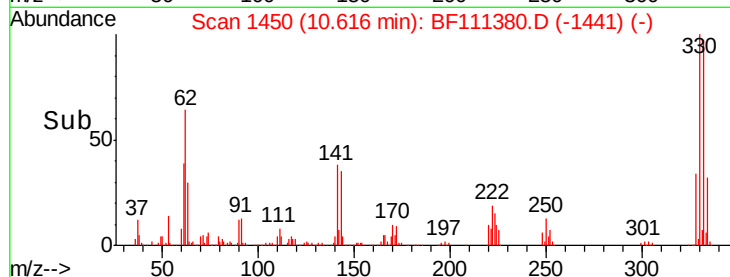
#67
 4-Bromophenyl-phenylether
 Concen: 3.626 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111380.D
 Acq: 13 Dec 2018 20:03

Instrument :
 BNA_F
 ClientSampleId :
 TW-5

Tgt Ion:248 Resp: 21043
 Ion Ratio Lower Upper
 248 100
 250 206.5 77.0 115.4#
 141 596.7 63.0 94.6#

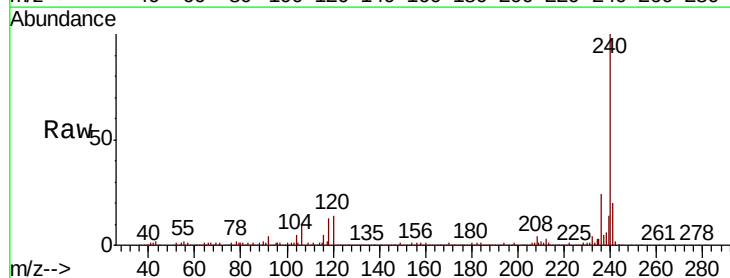


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

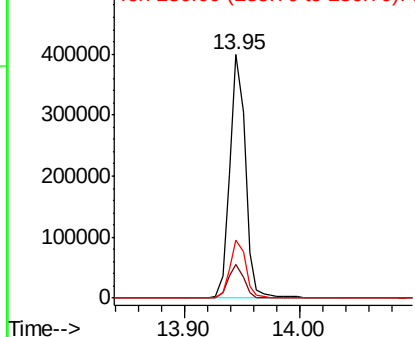
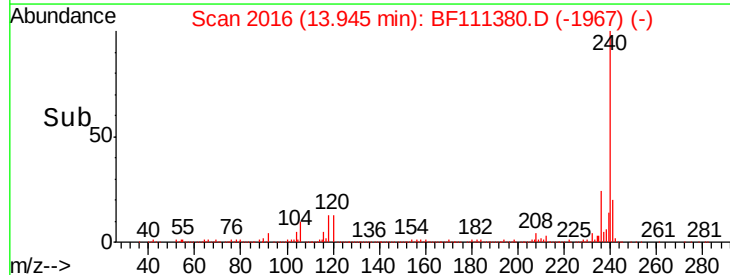


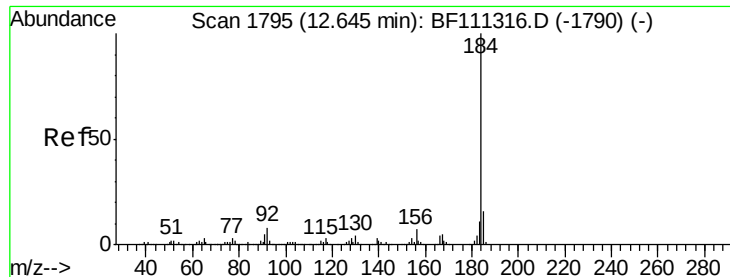
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF111380.D
 Acq: 13 Dec 2018 20:03

Tgt Ion:240 Resp: 373112
 Ion Ratio Lower Upper
 240 100
 120 13.6 12.2 18.2
 236 24.0 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





#77

Benzidine

Concen: 2.444 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.25 min

Lab File: BF111380.D

Acq: 13 Dec 2018 20:03

Instrument :

BNA_F

ClientSampled :

TW-5

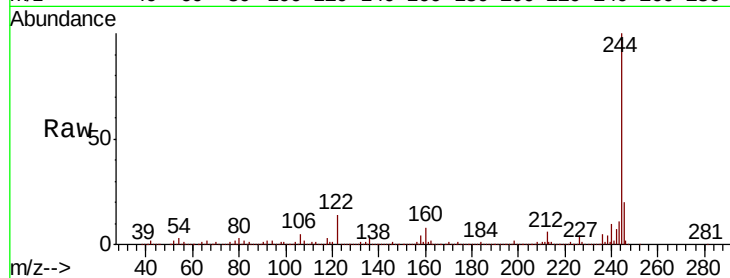
Tgt Ion:184 Resp: 17207

Ion Ratio Lower Upper

184 100

185 17.5 13.0 19.6

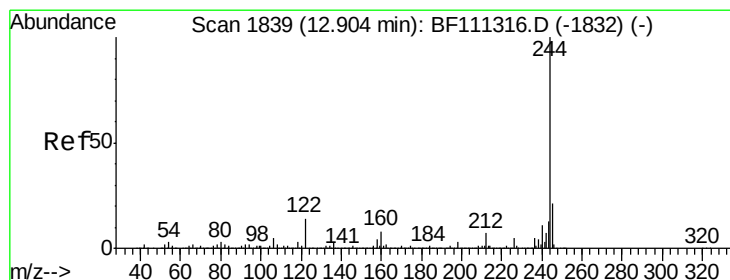
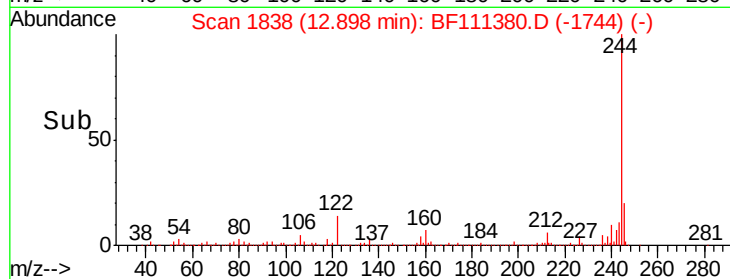
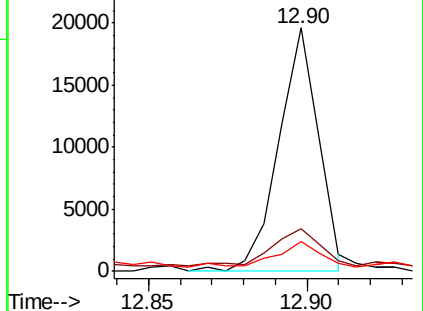
183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 86.661 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111380.D

Acq: 13 Dec 2018 20:03

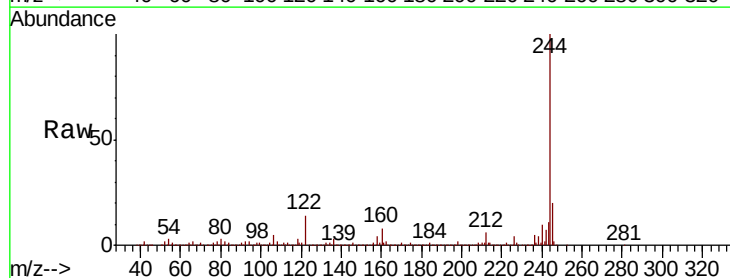
Tgt Ion:244 Resp: 1469111

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

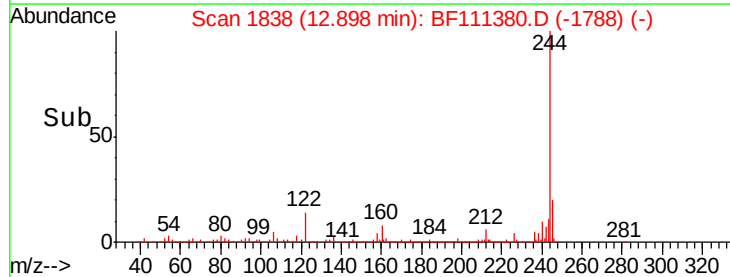
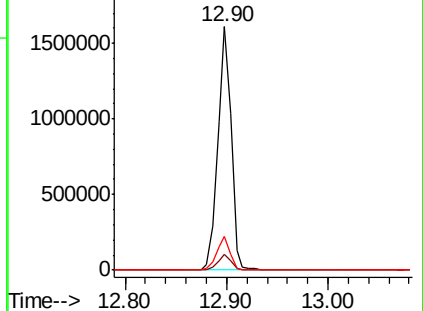
122 14.1 13.1 19.7

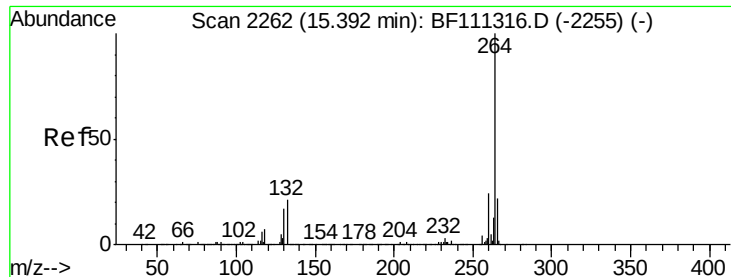


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2261
Delta R.T. -0.01 min
Lab File: BF111380.D
Acq: 13 Dec 2018 20:03

Instrument :
BNA_F
ClientSampleId :
TW-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.3	17.7	26.5

