

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111379.D
 Acq On : 13 Dec 2018 19:36
 Operator : JU/SJ
 Sample : J6214-51
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Quant Time: Dec 13 20:46:15 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	230704	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	877586	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	342193	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	485358	20.00	ng	0.00
76) Chrysene-d12	13.95	240	347634	20.00	ng	-0.01
87) Perylene-d12	15.39	264	261677	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	905193	66.35	ng	0.00
7) Phenol-d6	6.43	99	735799	40.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	1317968	84.65	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	315743	104.67	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2116939	99.32	ng	0.00
79) Terphenyl-d14	12.90	244	1360713	86.15	ng	0.00

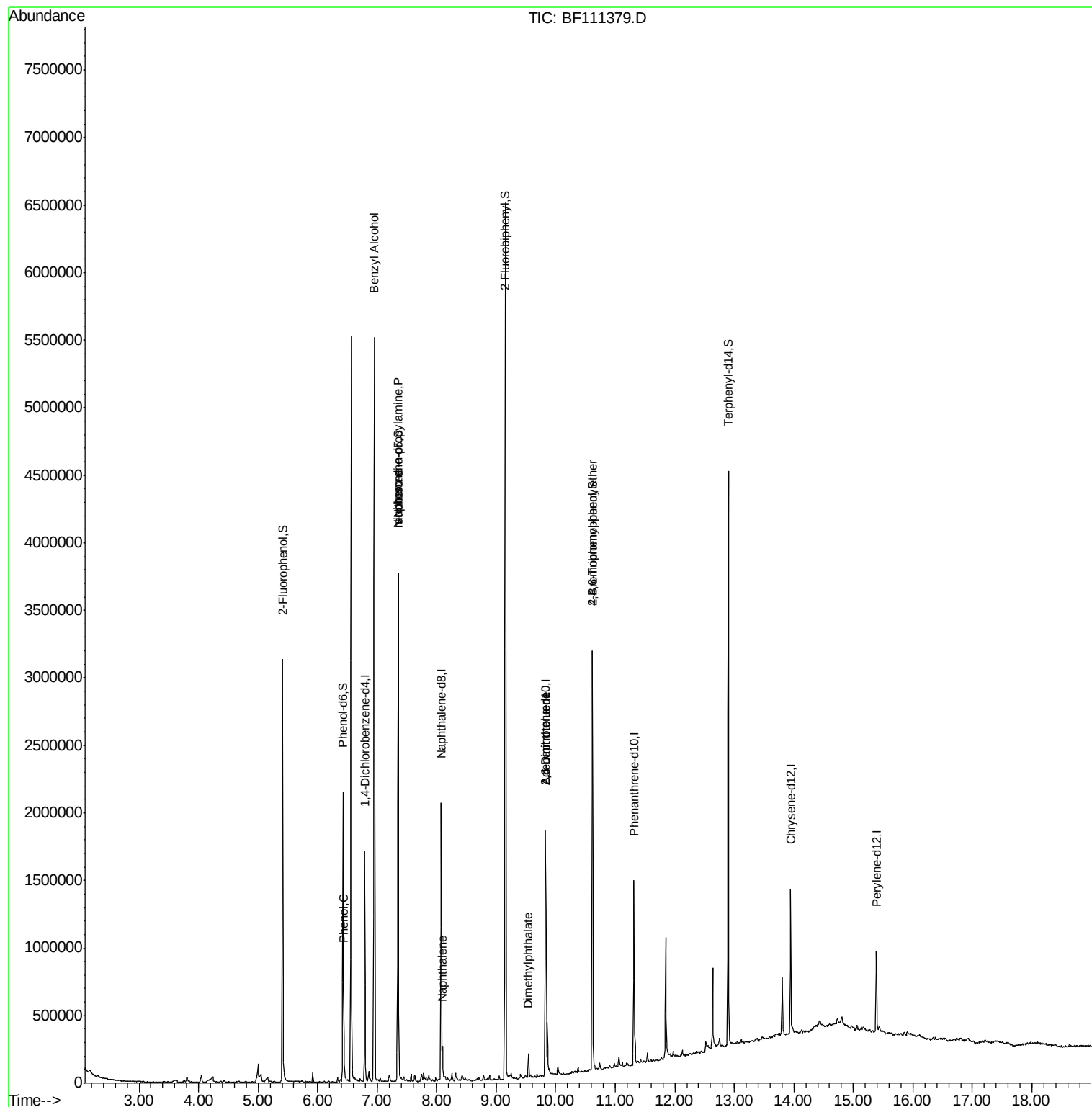
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	5401	Below Cal		98
10) Phenol	6.44	94	62524	3.001	ng	91
15) Benzyl Alcohol	6.95	79	29495	2.094	ng	# 44
19) n-Nitroso-di-n-propylamine	7.36	70	169912	13.901	ng	# 78
25) Isophorone	7.36	82	1296624	49.025	ng	# 64
31) Naphthalene	8.10	128	94919	2.321	ng	95
50) Dimethylphthalate	9.54	163	71665	2.912	ng	100
51) 2,6-Dinitrotoluene	9.83	165	45339	8.312	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	45339	6.486	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	20728	3.836	ng	# 1

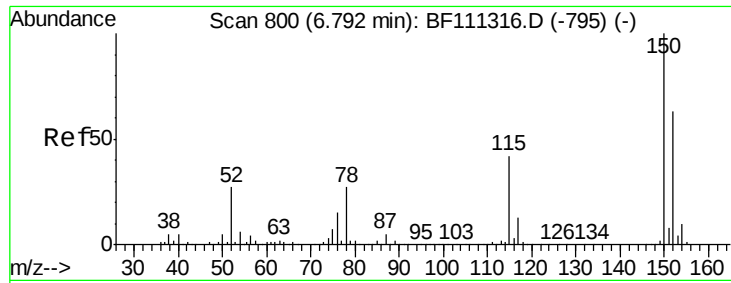
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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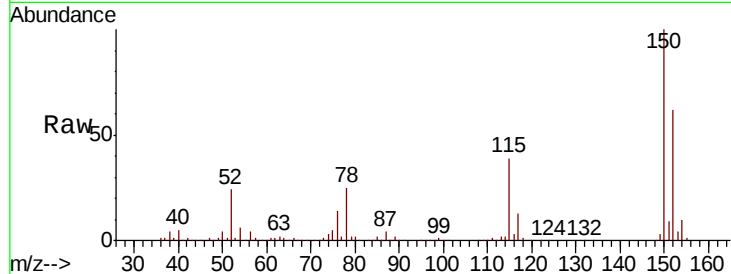


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.6	189.8
115	63.4	50.7	76.1

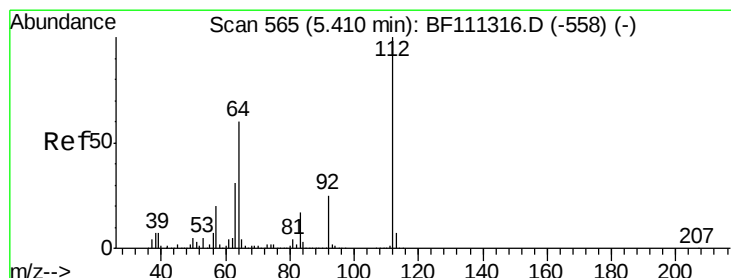
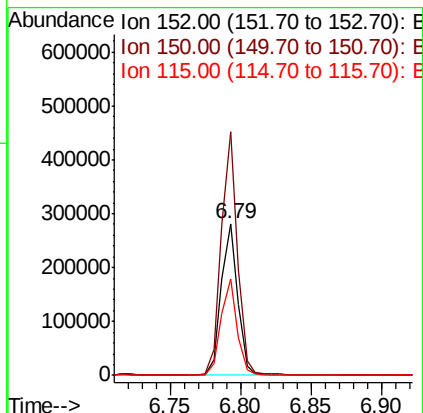
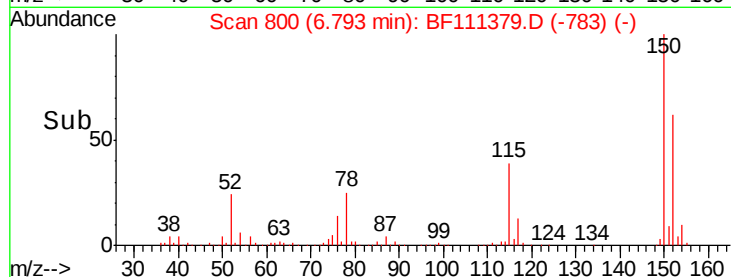


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

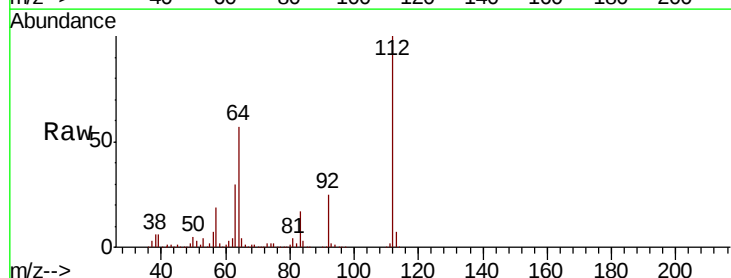
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 66.349 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	51.8	77.6
63	29.7	26.8	40.2

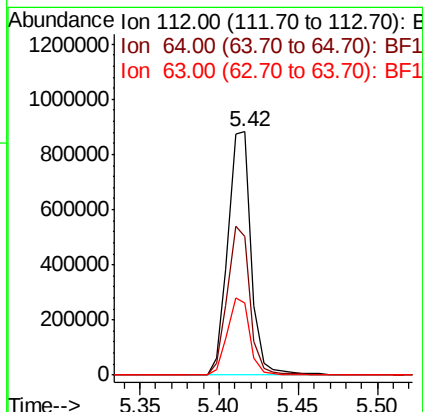
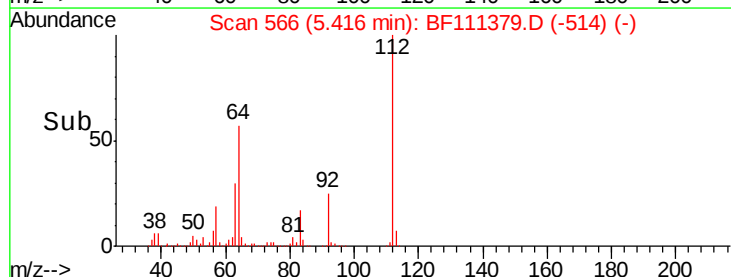


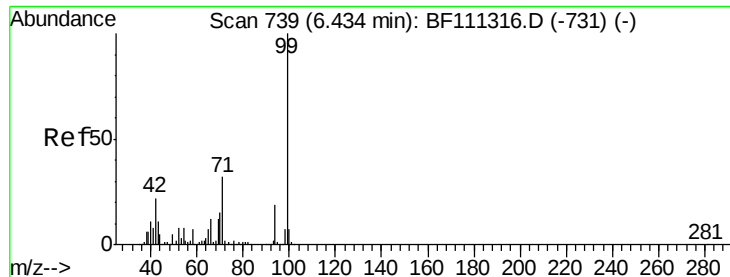
Abundance

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: 40.002 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

Instrument :

BNA_F

ClientSampled :

TW-3

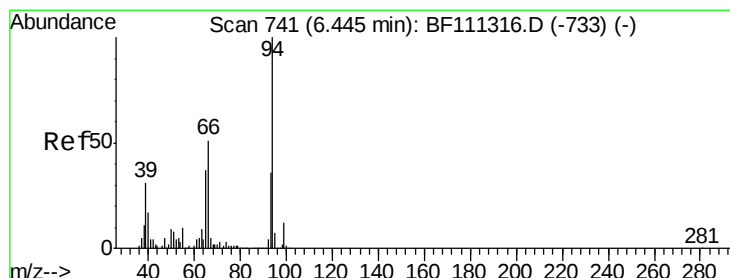
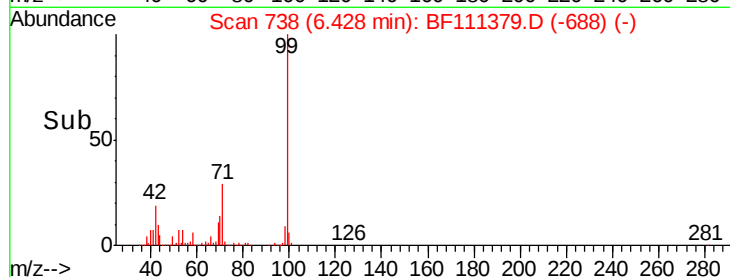
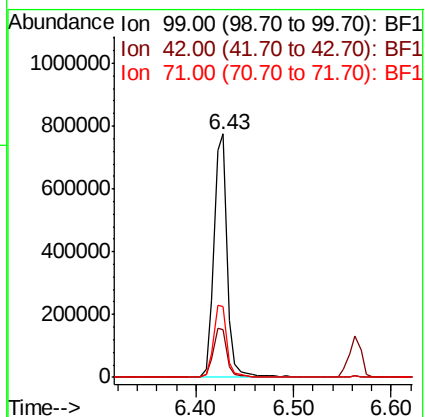
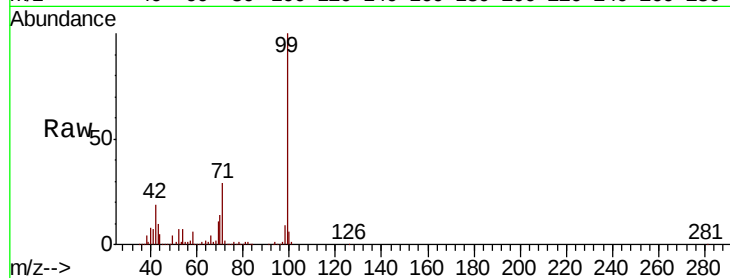
Tgt Ion: 99 Resp: 735799

Ion Ratio Lower Upper

99 100

42 19.4 17.4 26.0

71 29.0 26.1 39.1



#10

Phenol

Concen: 3.001 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

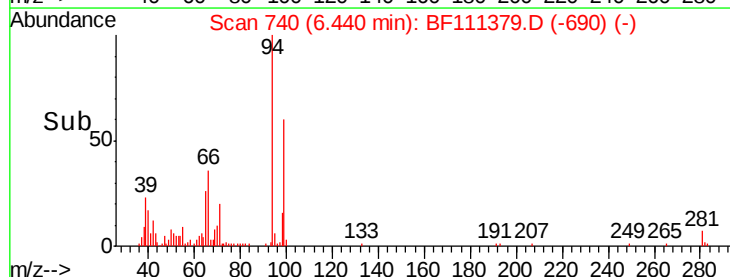
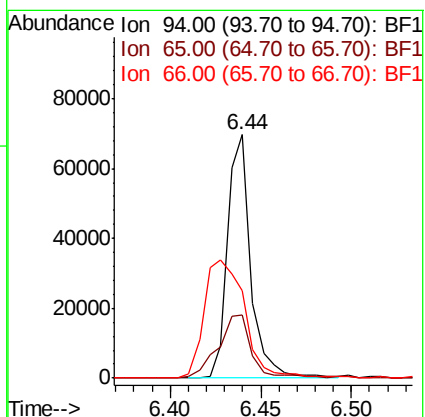
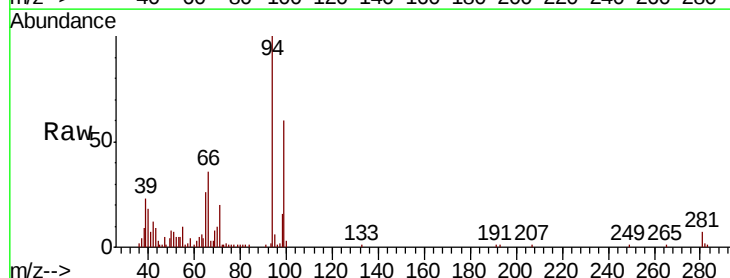
Tgt Ion: 94 Resp: 62524

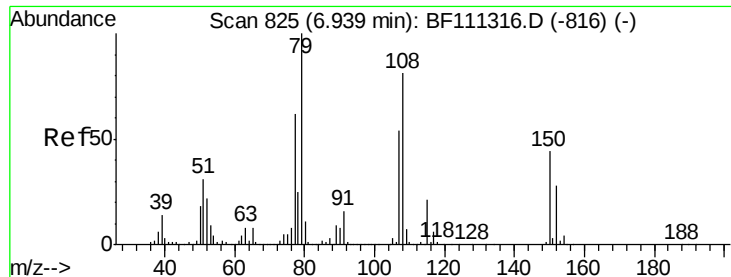
Ion Ratio Lower Upper

94 100

65 26.1 11.7 51.7

66 35.8 21.0 61.0

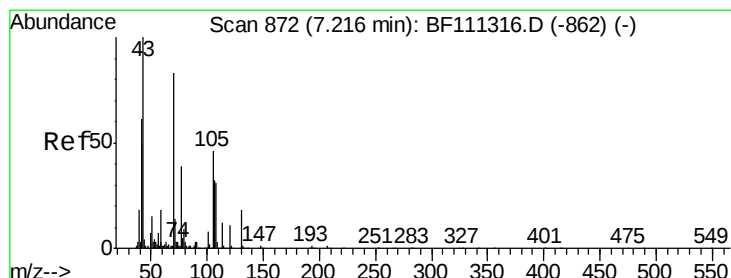
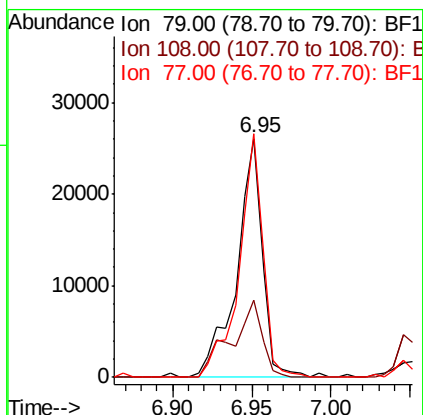
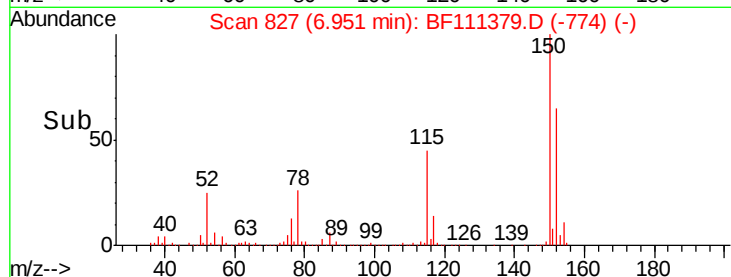
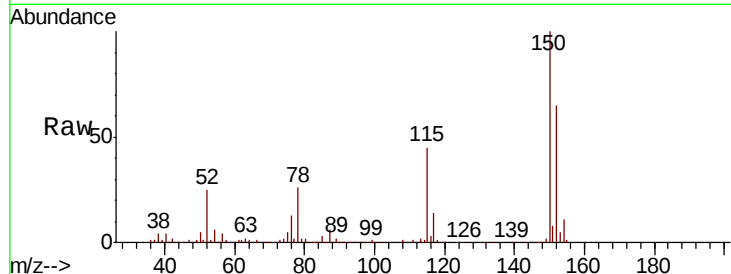




#15
Benzyl Alcohol
Concen: 2.094 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

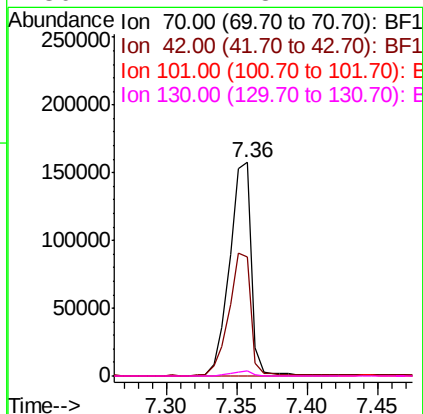
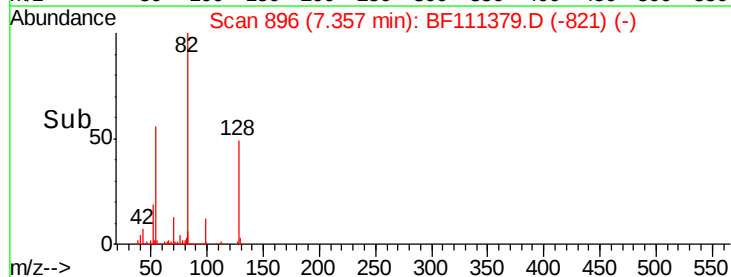
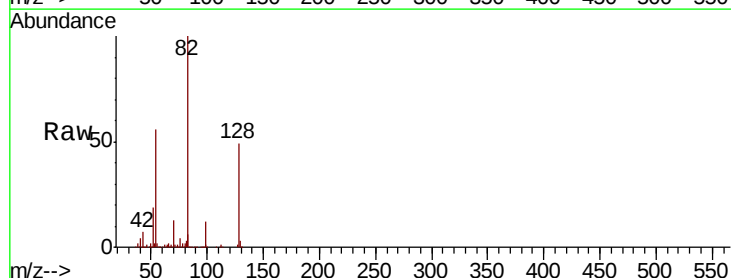
Instrument :
BNA_F
ClientSampleId :
TW-3

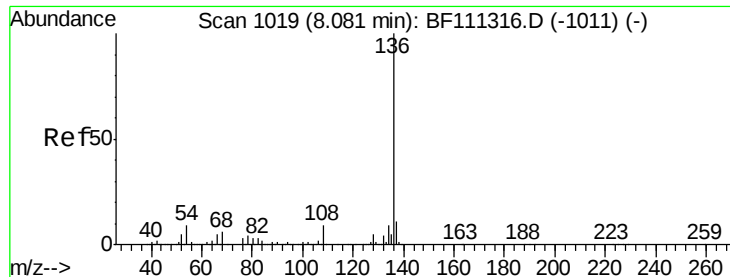
Tgt Ion: 79 Resp: 29495
Ion Ratio Lower Upper
79 100
108 32.5 69.4 104.2#
77 102.0 49.7 74.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.901 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Tgt Ion: 70 Resp: 169912
Ion Ratio Lower Upper
70 100
42 55.5 53.2 79.8
101 0.0 8.2 12.4#
130 2.2 18.1 27.1#

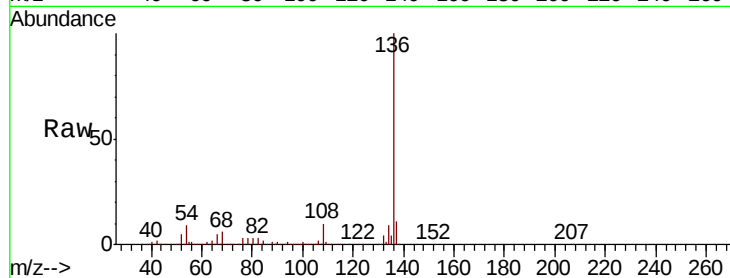




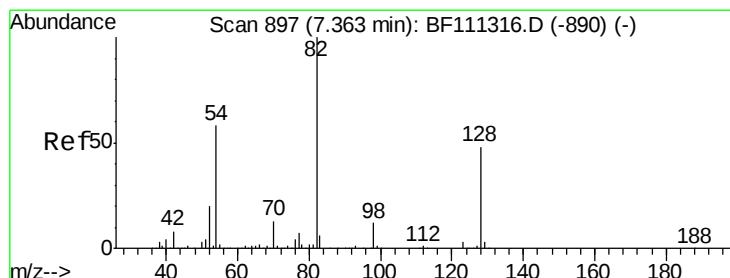
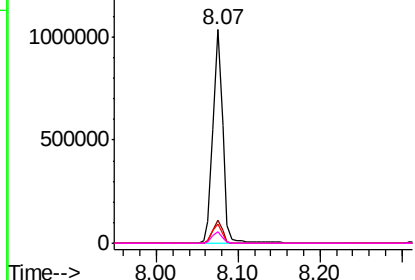
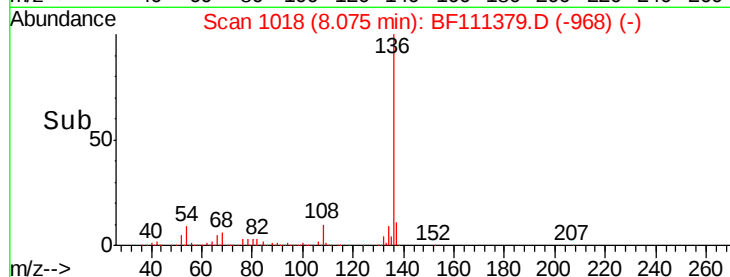
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:	136	Resp:	877586
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.2	7.7	11.5
68	5.6	4.9	7.3

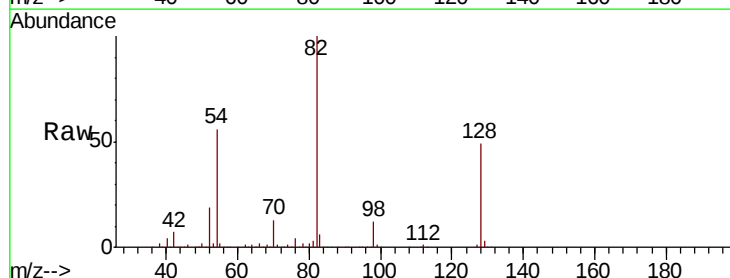


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

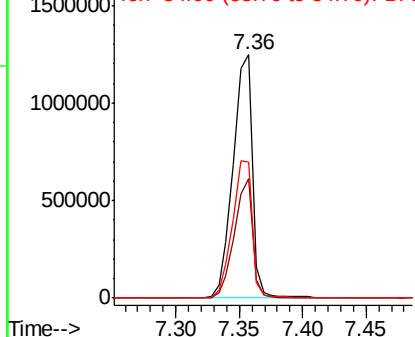
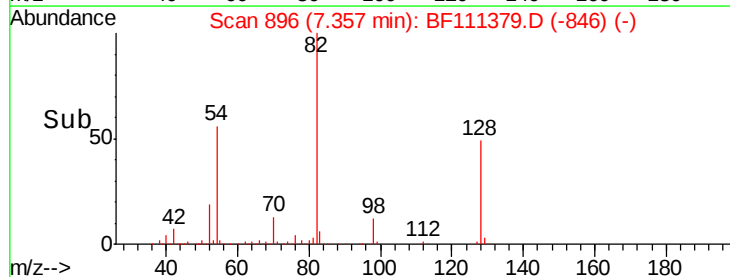


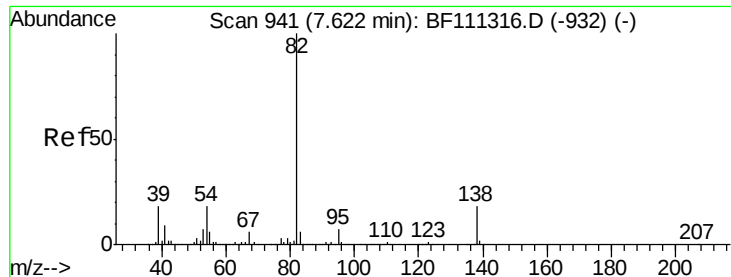
#23
Nitrobenzene-d5
Concen: 84.647 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Tgt Ion:	82	Resp:	1317968
Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.4	56.2
54	55.9	47.6	71.4



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





#25

Isophorone

Concen: 49.025 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

Instrument :

BNA_F

ClientSampleId :

TW-3

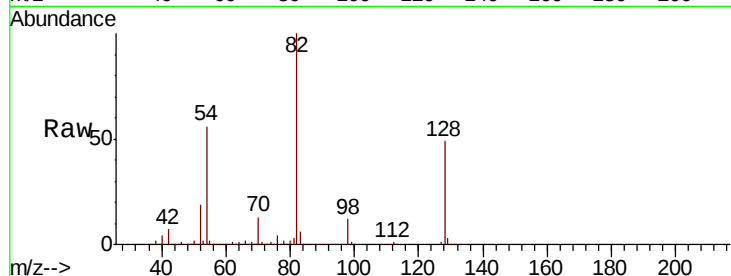
Tgt Ion: 82 Resp: 1296624

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

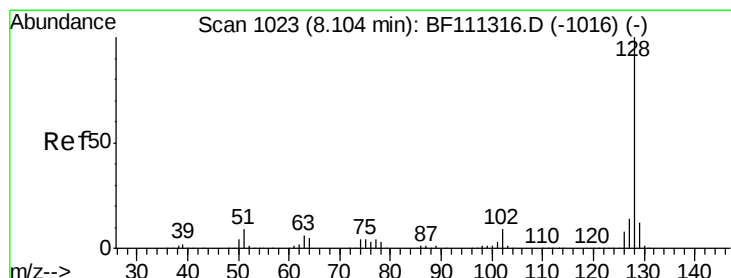
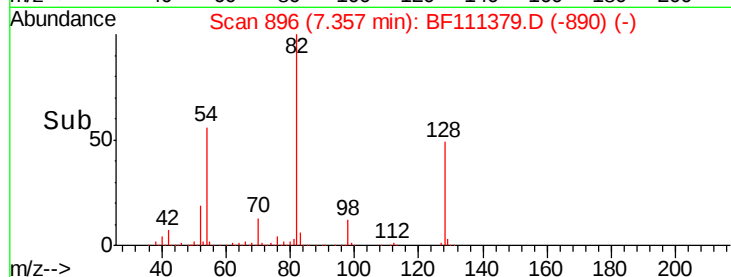
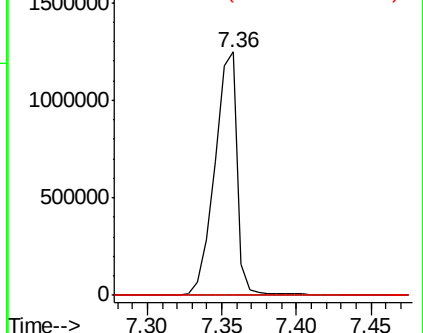
138 0.0 15.1 22.7#



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): E



#31

Naphthalene

Concen: 2.321 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

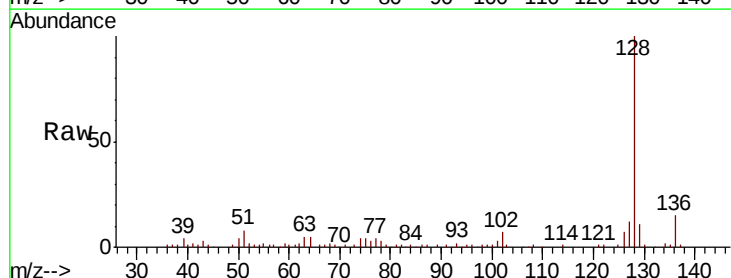
Tgt Ion: 128 Resp: 94919

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.8

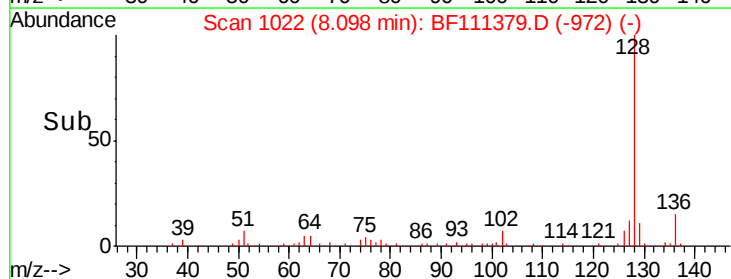
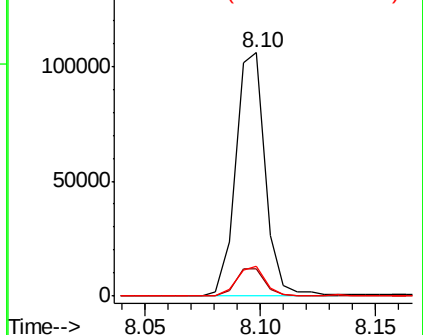
127 12.2 12.0 18.0

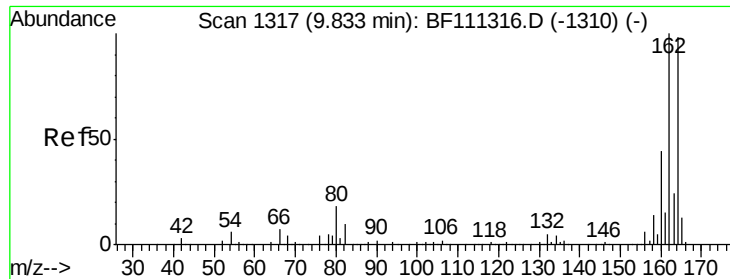


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

Instrument :

BNA_F

ClientSampled :

TW-3

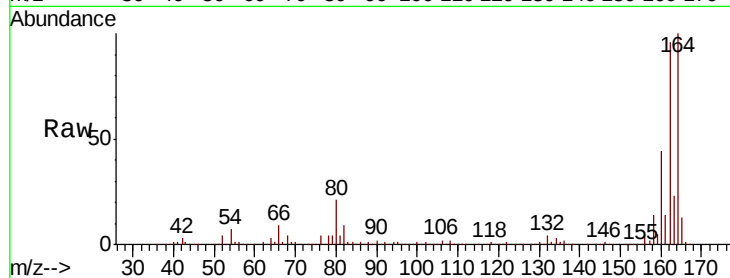
Tgt Ion:164 Resp: 342193

Ion Ratio Lower Upper

164 100

162 96.4 81.4 122.0

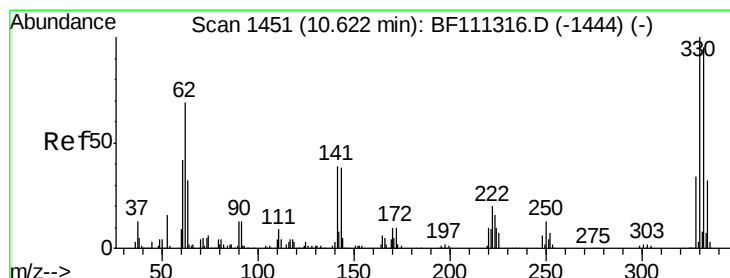
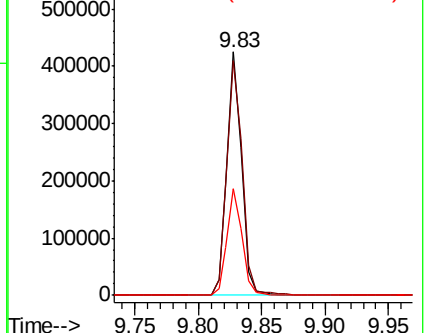
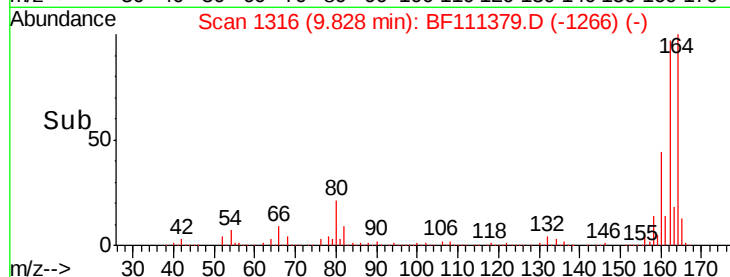
160 43.7 35.7 53.5



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: 104.673 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111379.D

Acq: 13 Dec 2018 19:36

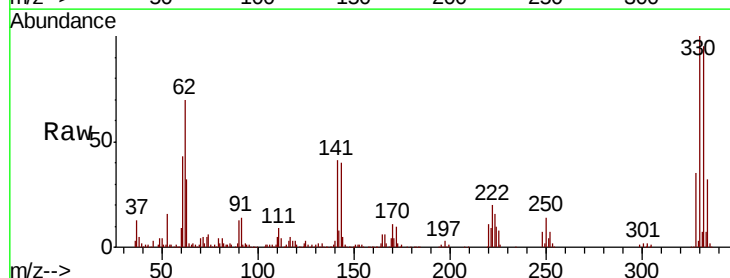
Tgt Ion:330 Resp: 315743

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

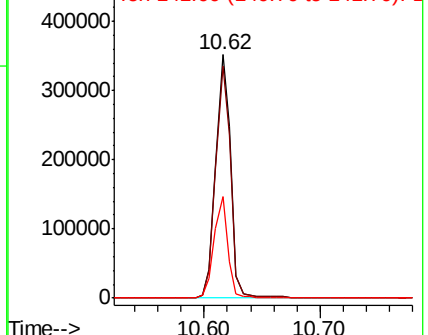
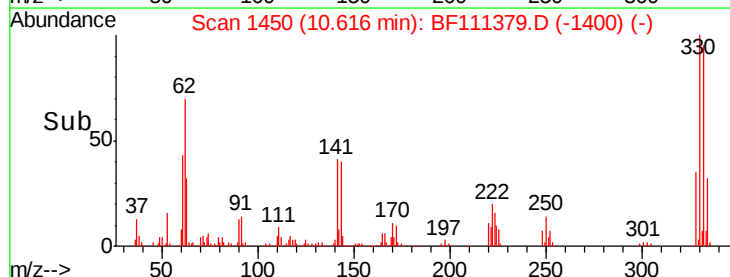
141 39.5 31.0 46.6

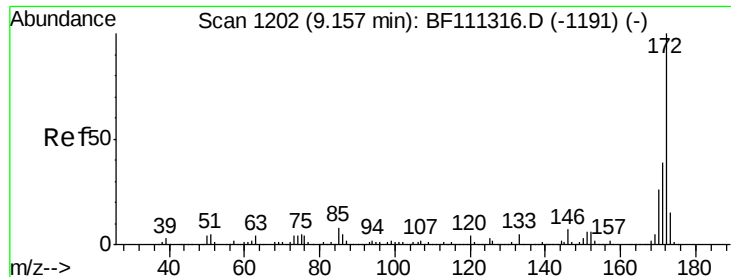


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

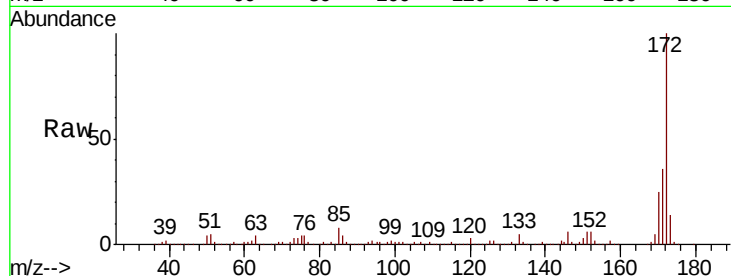




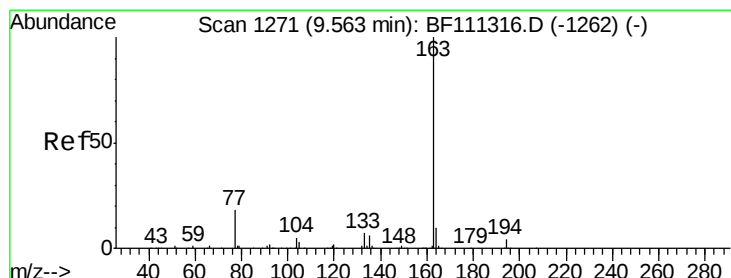
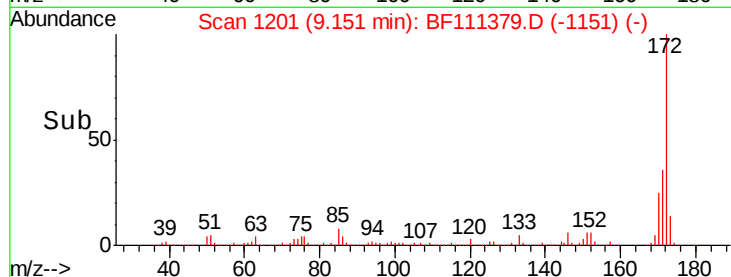
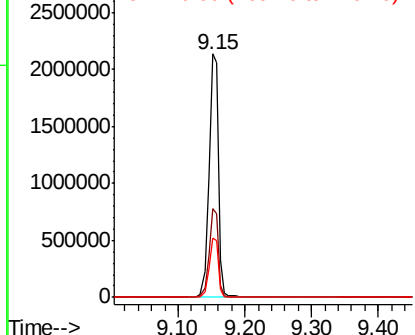
#45
 2-Fluorobiphenyl
 Concen: 99.322 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111379.D
 Acq: 13 Dec 2018 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Tgt Ion:172 Resp: 2116939
 Ion Ratio Lower Upper
 172 100
 171 36.4 33.0 49.4
 170 24.6 22.3 33.5

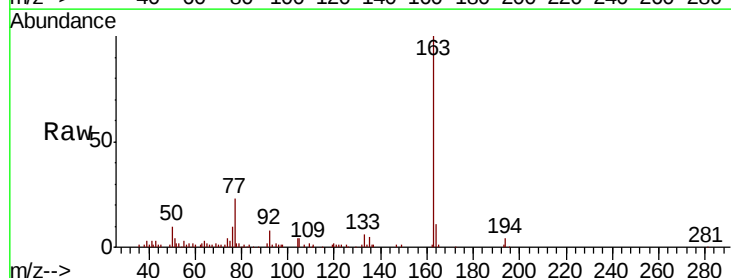


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

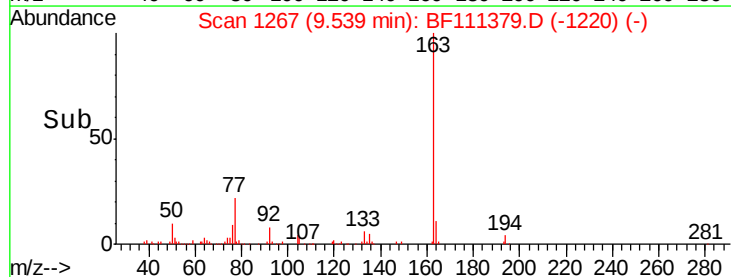
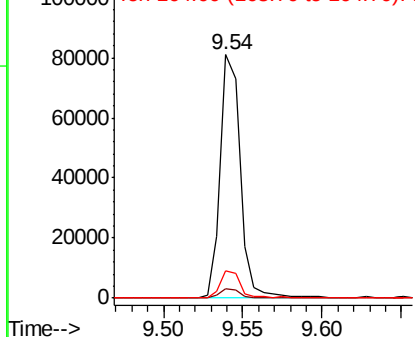


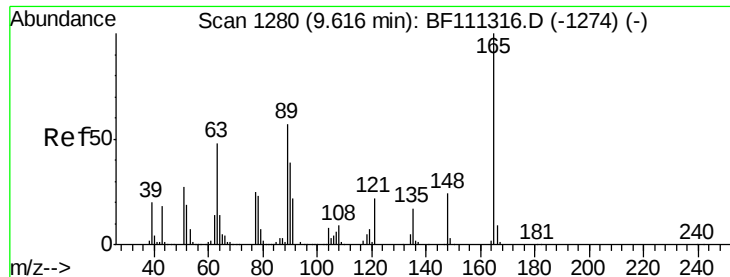
#50
 Dimethylphthalate
 Concen: 2.912 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF111379.D
 Acq: 13 Dec 2018 19:36

Tgt Ion:163 Resp: 71665
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.6
 164 11.1 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

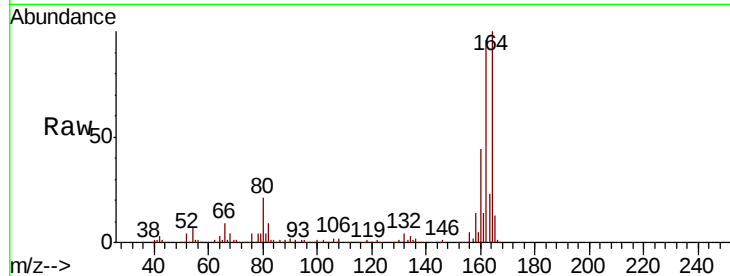




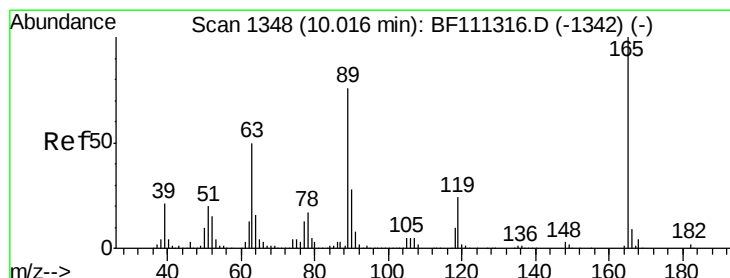
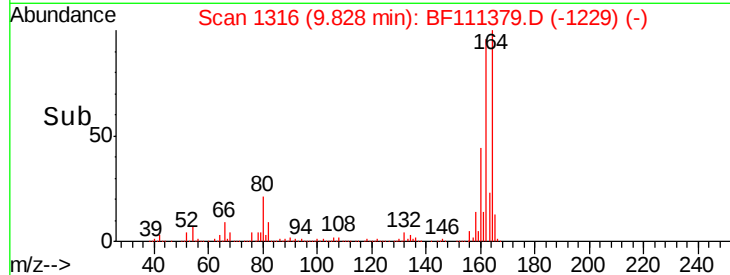
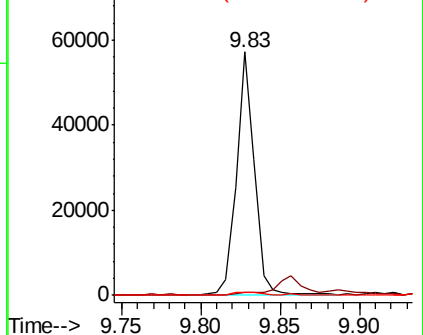
#51
 2,6-Dinitrotoluene
 Concen: 8.312 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111379.D
 Acq: 13 Dec 2018 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.5	60.7#
89	1.3	40.0	60.0#

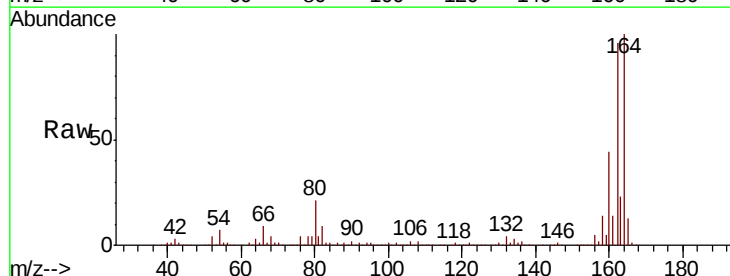


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

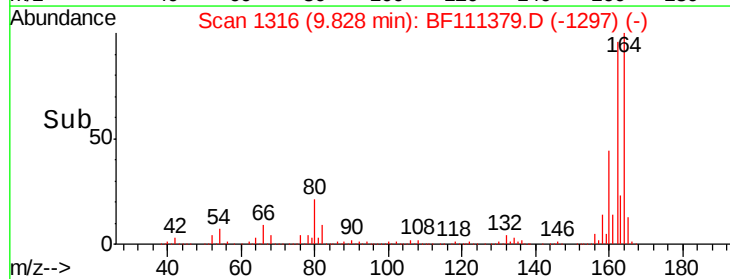
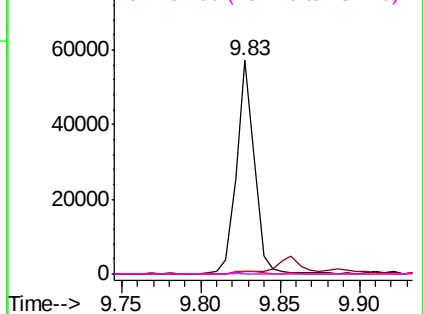


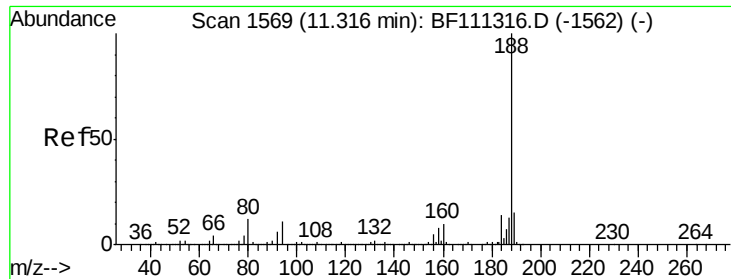
#57
 2,4-Dinitrotoluene
 Concen: 6.486 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111379.D
 Acq: 13 Dec 2018 19:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



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
 Ion 182.00 (181.70 to 182.70): E

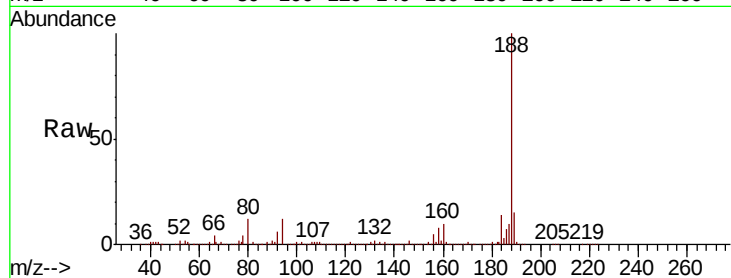




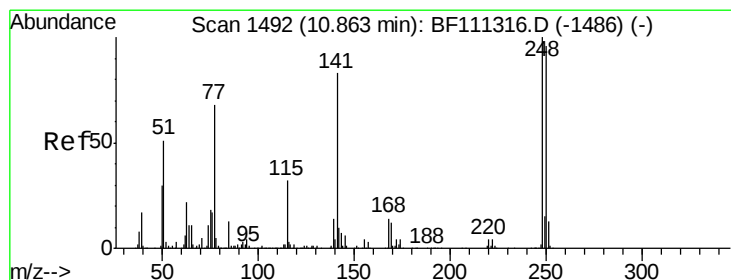
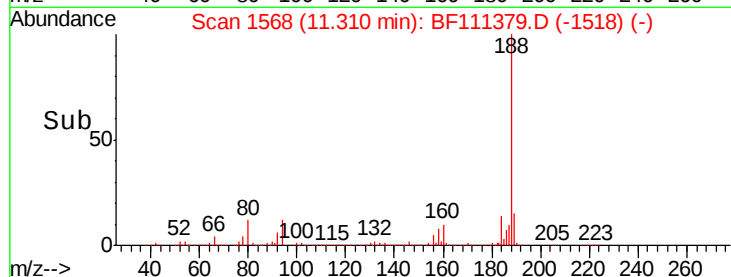
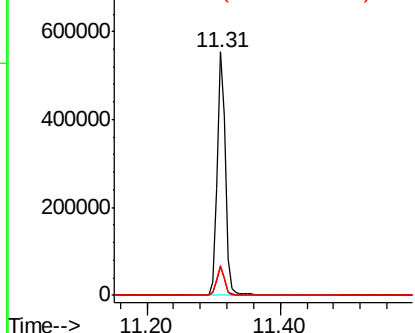
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:188 Resp: 485358
Ion Ratio Lower Upper
188 100
94 11.7 9.6 14.4
80 12.2 9.8 14.6

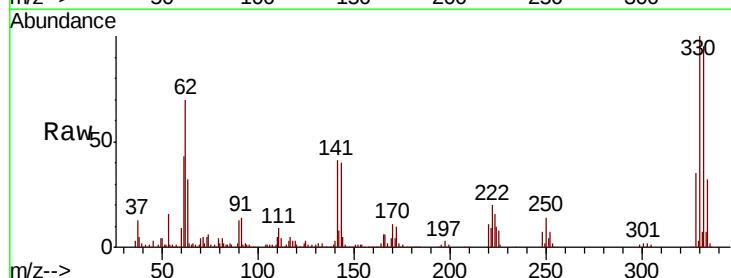


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

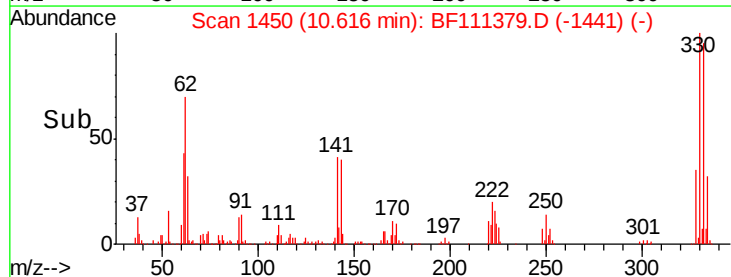
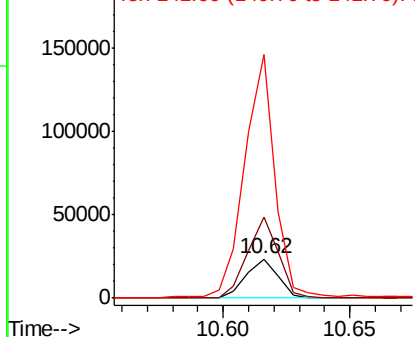


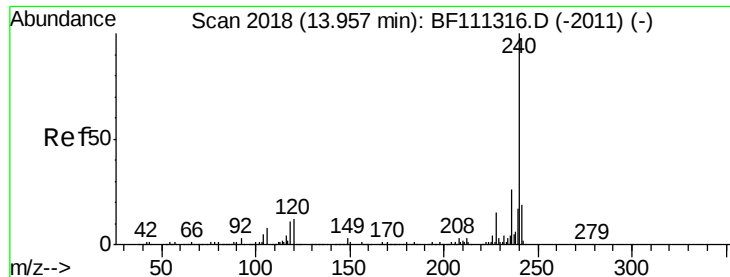
#67
4-Bromophenyl-phenylether
Concen: 3.836 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Tgt Ion:248 Resp: 20728
Ion Ratio Lower Upper
248 100
250 208.2 77.0 115.4#
141 624.0 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

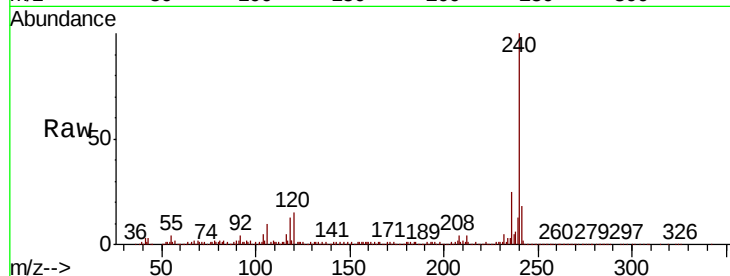




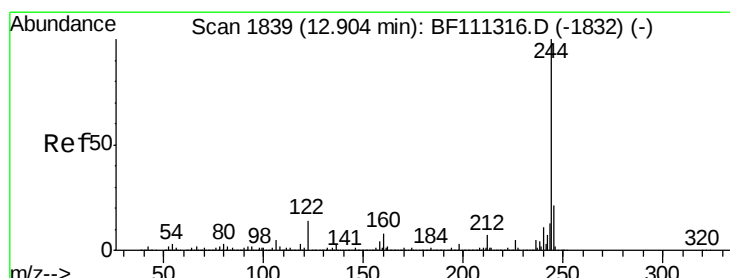
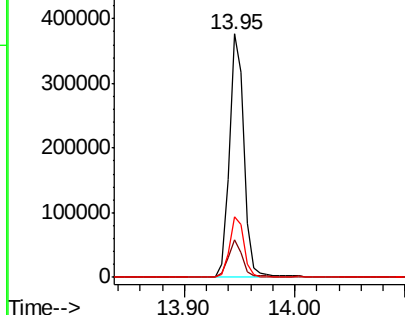
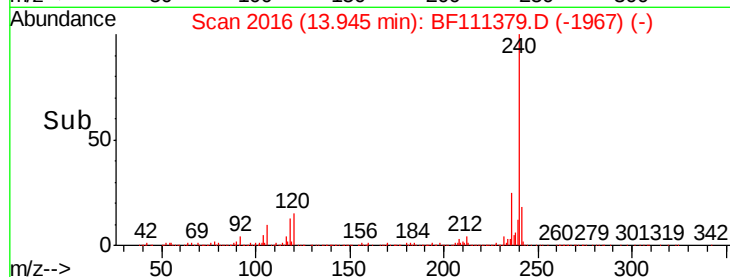
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:240 Resp: 347634
Ion Ratio Lower Upper
240 100
120 15.3 12.2 18.2
236 24.8 20.2 30.2

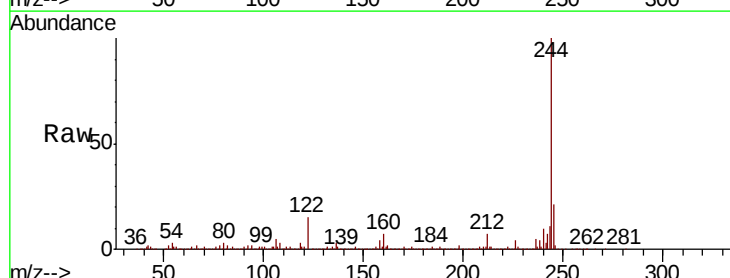


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

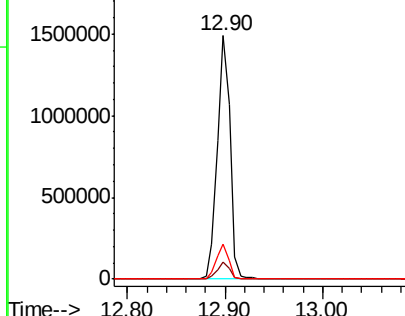
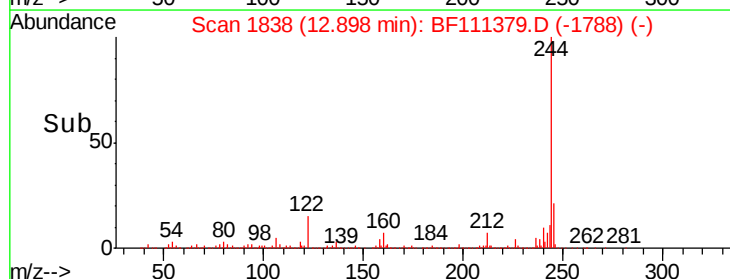


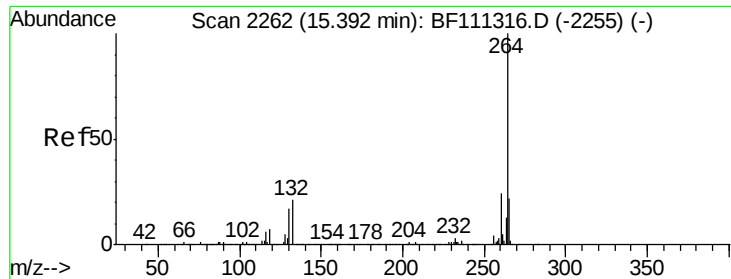
#79
Terphenyl-d14
Concen: 86.149 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111379.D
Acq: 13 Dec 2018 19:36

Tgt Ion:244 Resp: 1360713
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 14.6 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: BF111379.D
Acq: 13 Dec 2018 19:36

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.4	17.7	26.5

