

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022119\
 Data File : BF112658.D
 Acq On : 21 Feb 2019 17:45
 Operator : JU/SJ
 Sample : K1538-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-11-A-S

Quant Time: Feb 21 21:48:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

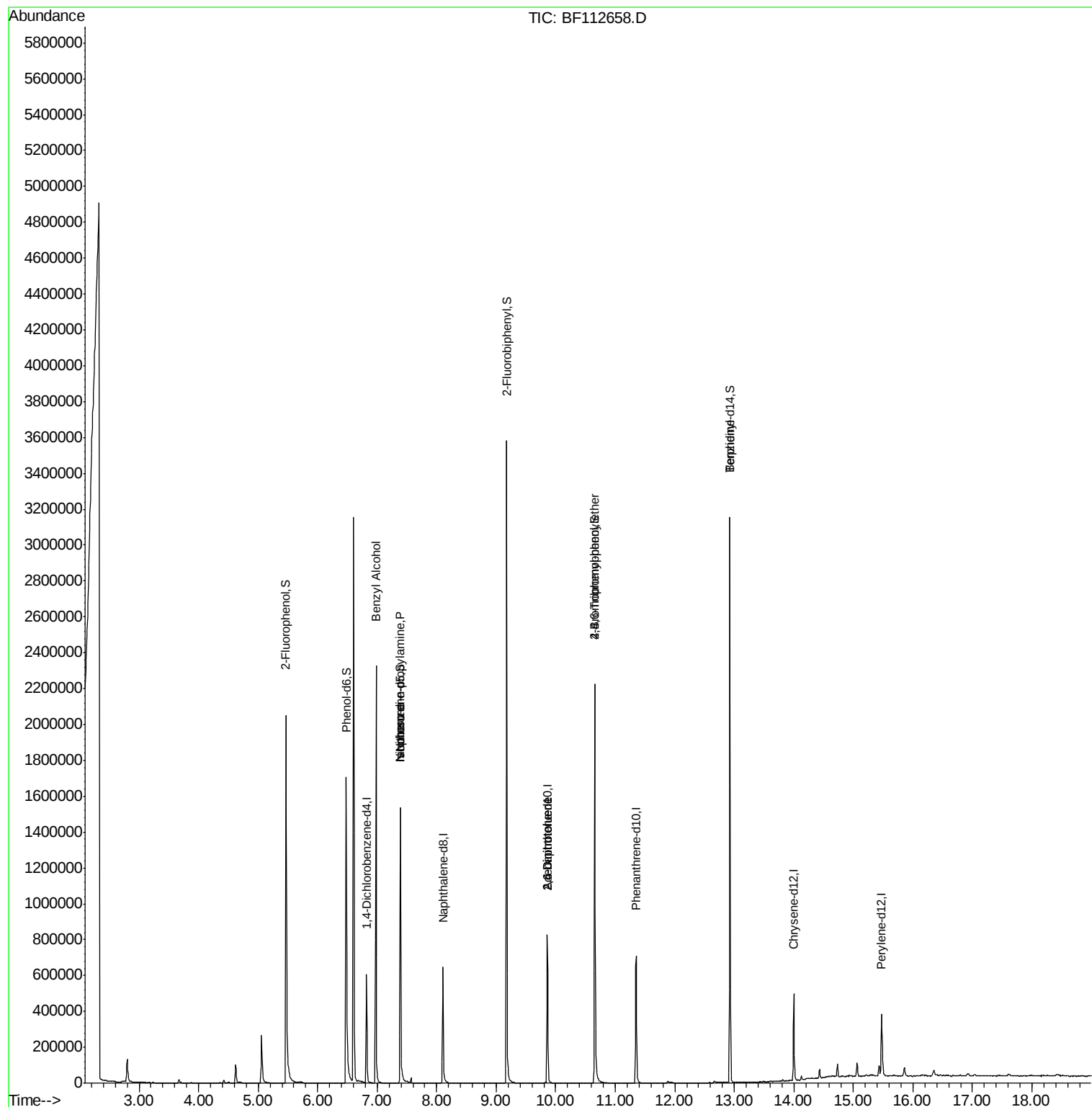
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91239	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	359504	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	175820	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	318409	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	181424	20.00	ng	-0.01
87) Perylene-d12	15.47	264	185234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	663989	154.58	ng	-0.01
7) Phenol-d6	6.48	99	739688	123.93	ng	-0.01
23) Nitrobenzene-d5	7.39	82	627604	100.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	309570	151.27	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1244877	100.14	ng	-0.03
79) Terphenyl-d14	12.93	244	1111578	115.40	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.97	79	10360	2.059	ng	# 50
19) n-Nitroso-di-n-propylamine	7.39	70	84118	20.438	ng	# 77
25) Isophorone	7.39	82	627646	64.124	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	21732	7.103	ng	# 34
57) 2,4-Dinitrotoluene	9.86	165	21732	5.580	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	18061	4.823	ng	# 1
77) Benzydine	12.93	184	16192	3.243	ng	# 95

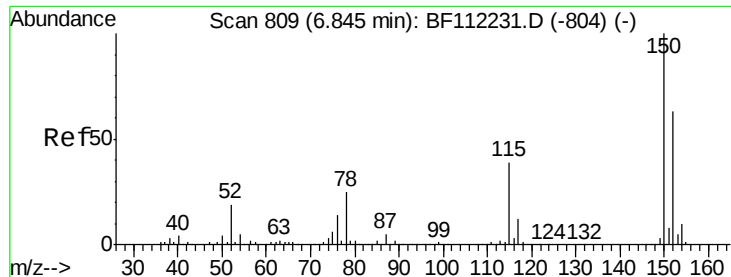
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF112658.D

Acq: 21 Feb 2019 17:45

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BNA_F

ClientSampleId :

M-11-A-S

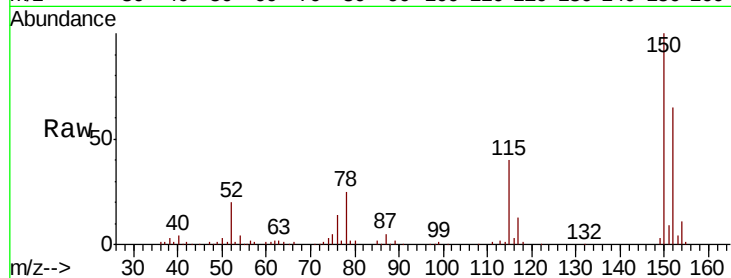
Tgt Ion:152 Resp: 91239

Ion Ratio Lower Upper

152 100

150 154.7 127.4 191.0

115 62.4 45.5 68.3

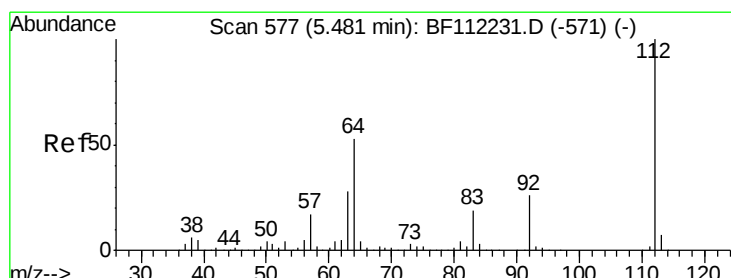
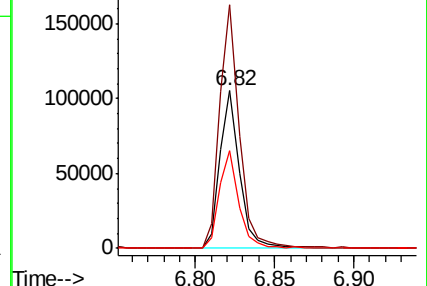
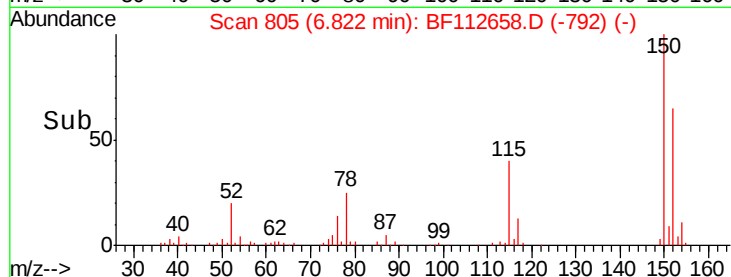


Abundance

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: 154.578 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112658.D

Acq: 21 Feb 2019 17:45

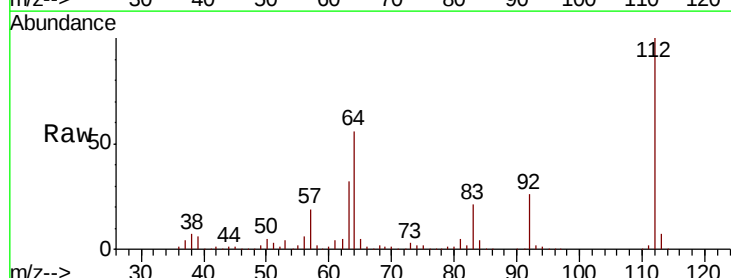
Tgt Ion:112 Resp: 663989

Ion Ratio Lower Upper

112 100

64 56.2 45.7 68.5

63 31.7 23.6 35.4

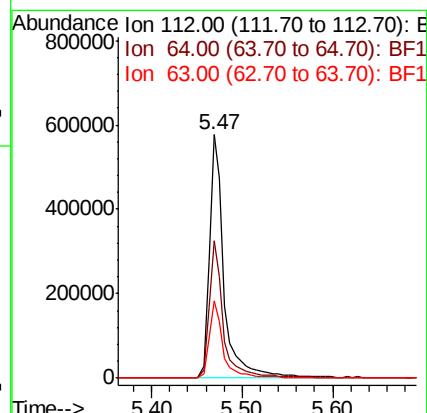
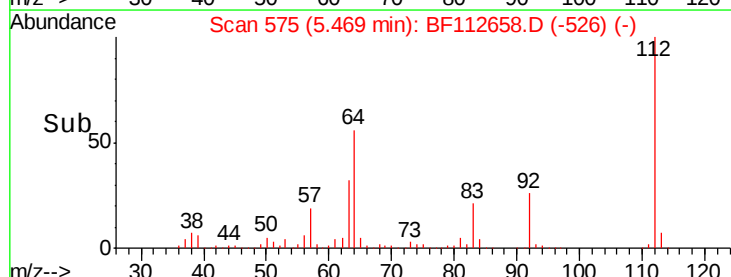


Abundance

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: 123.926 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112658.D

Acq: 21 Feb 2019 17:45

Instrument :

BNA_F

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M-11-A-S

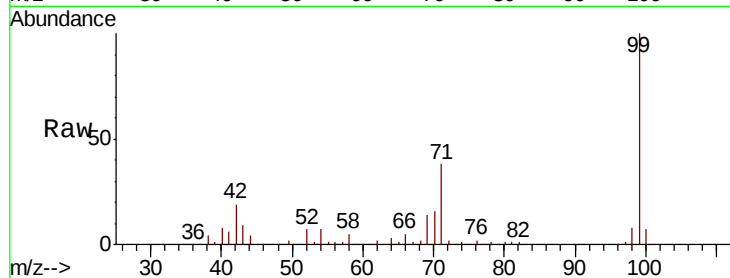
Tgt Ion: 99 Resp: 739688

Ion Ratio Lower Upper

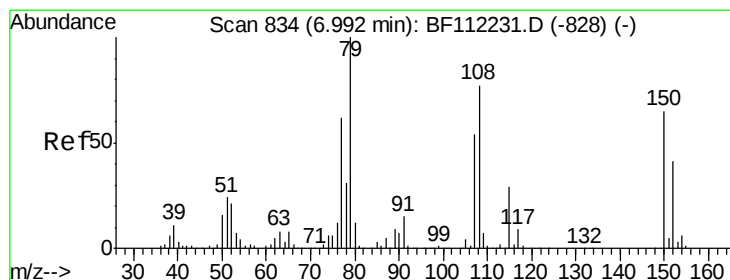
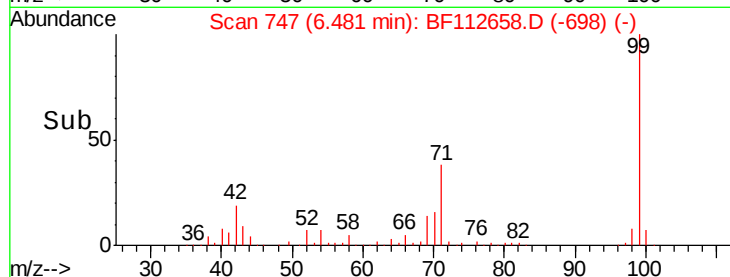
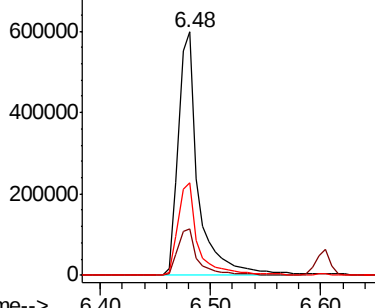
99 100

42 18.9 15.1 22.7

71 37.9 26.9 40.3



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



#15

Benzyl Alcohol

Concen: 2.059 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF112658.D

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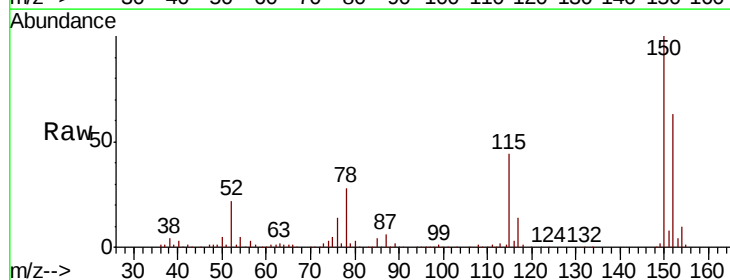
Tgt Ion: 79 Resp: 10360

Ion Ratio Lower Upper

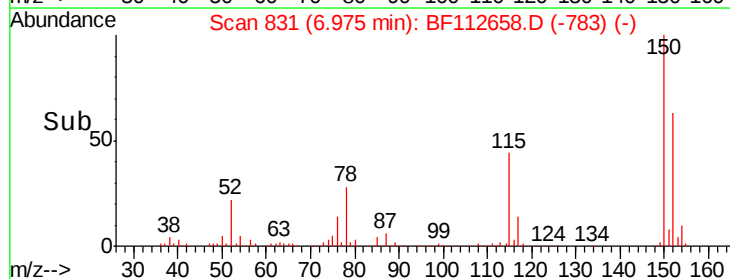
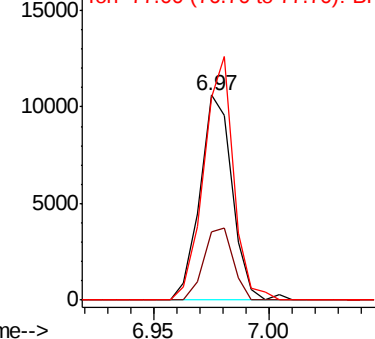
79 100

108 33.6 64.2 96.2#

77 99.0 50.3 75.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

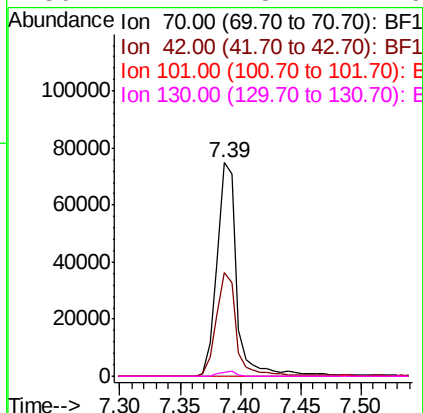
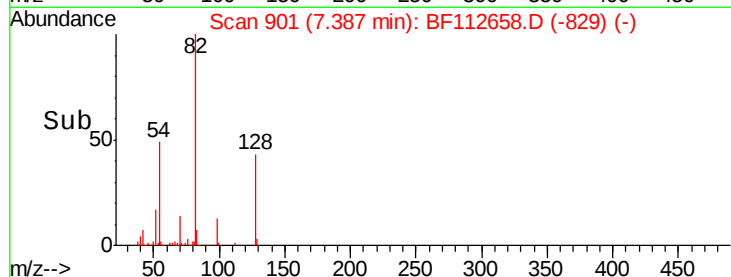
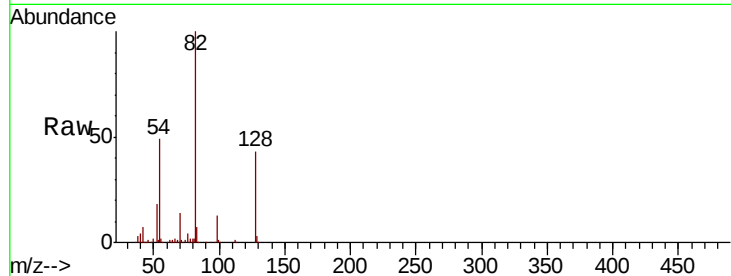




#19
n-Nitroso-di-n-propylamine
Concen: 20.438 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112658.D
Acq: 21 Feb 2019 17:45

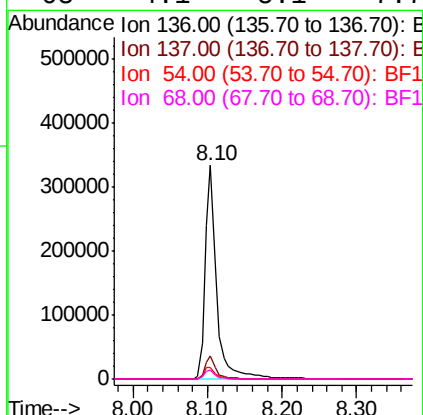
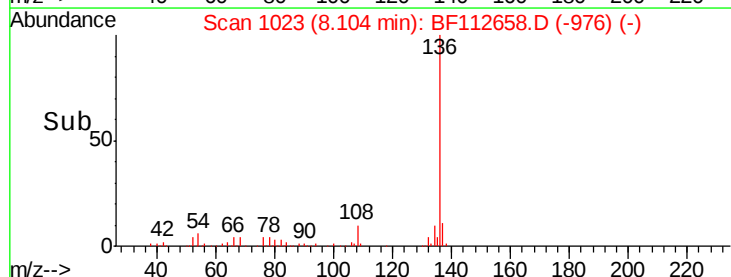
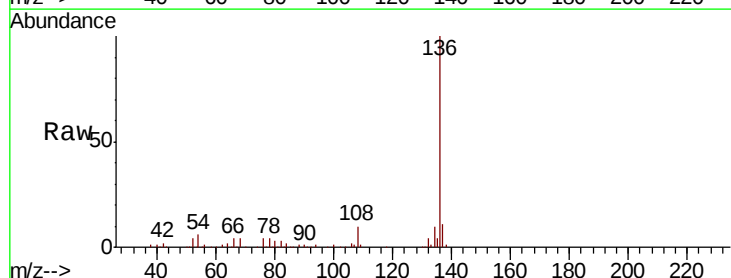
Instrument :
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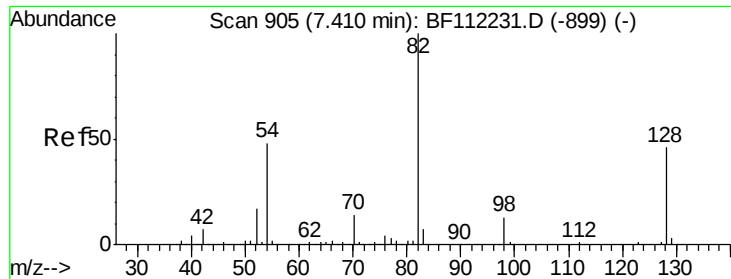
Tgt Ion: 70 Resp: 84118
Ion Ratio Lower Upper
70 100
42 48.4 47.6 71.4
101 0.0 7.9 11.9#
130 1.7 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112658.D
Acq: 21 Feb 2019 17:45

Tgt Ion: 136 Resp: 359504
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 5.6 5.9 8.9#
68 4.1 5.1 7.7#

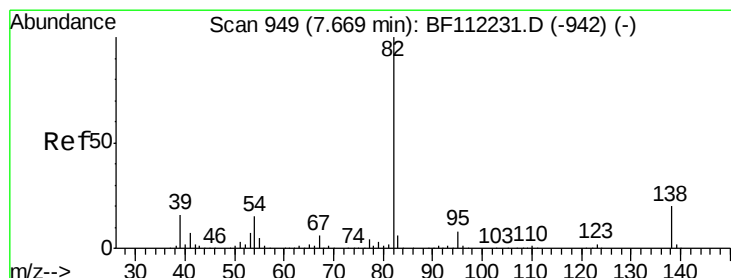
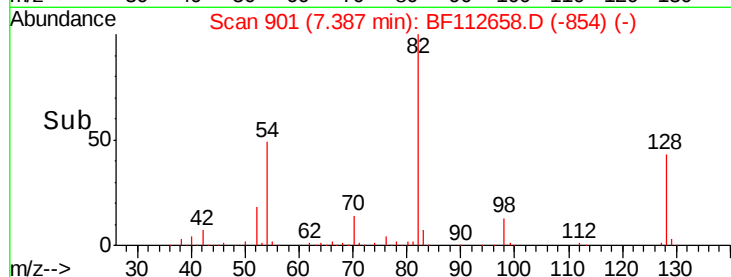
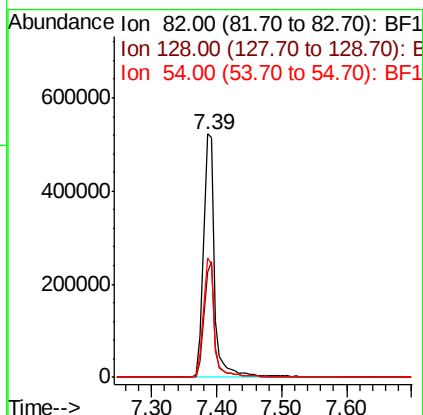
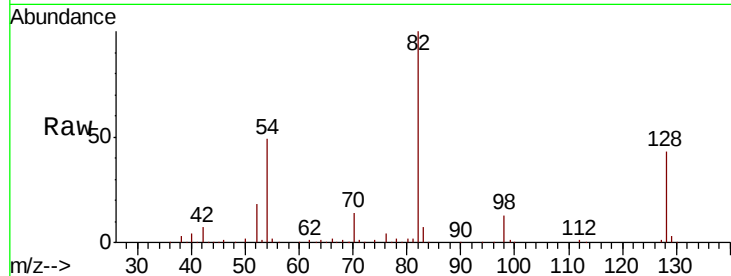




#23
Nitrobenzene-d5
Concen: 100.590 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112658.D
Acq: 21 Feb 2019 17:45

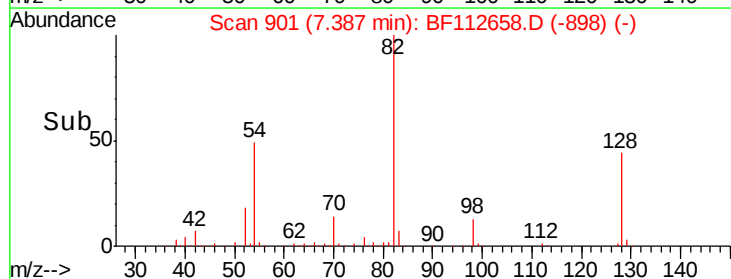
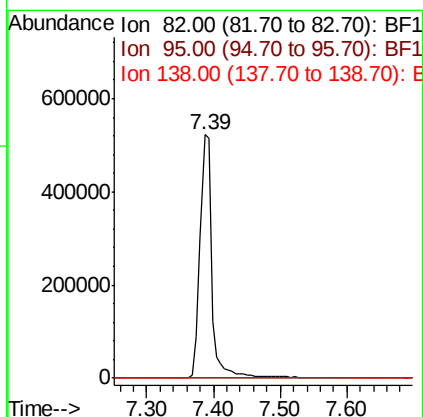
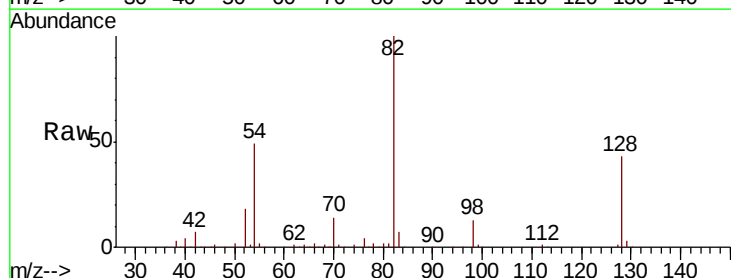
Instrument :
BNA_F
ClientSampleId :
M-11-A-S

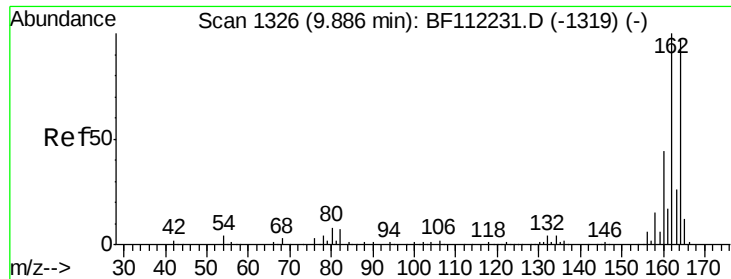
Tgt Ion: 82 Resp: 627604
Ion Ratio Lower Upper
82 100
128 43.4 37.8 56.8
54 49.1 39.7 59.5



#25
Isophorone
Concen: 64.124 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112658.D
Acq: 21 Feb 2019 17:45

Tgt Ion: 82 Resp: 627646
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

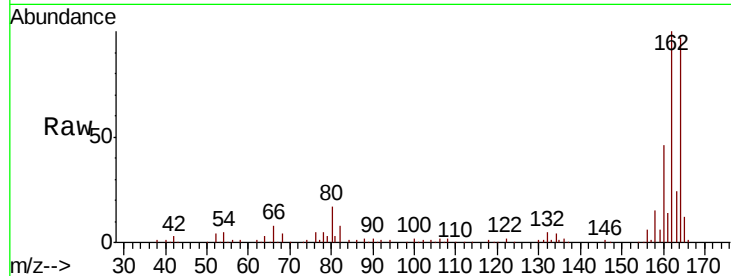




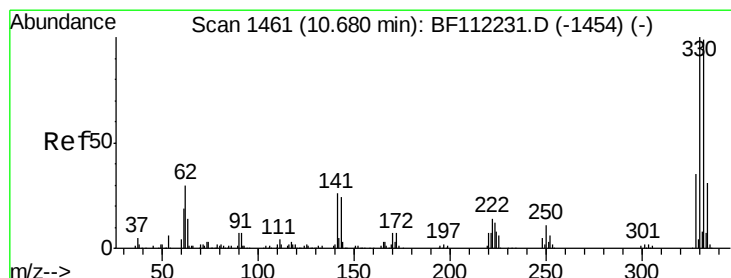
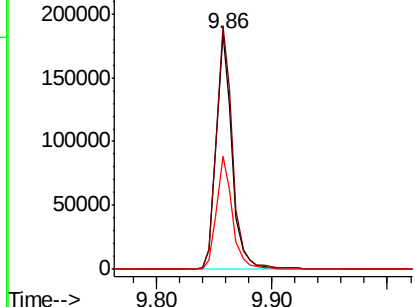
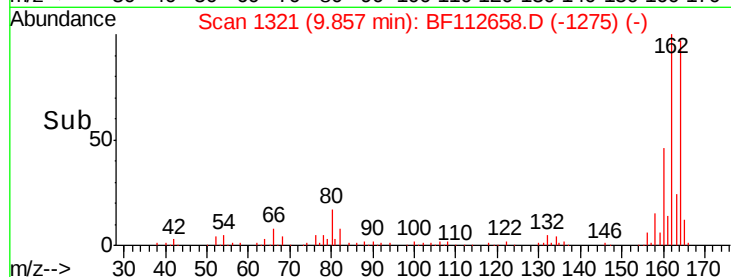
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF112658.D
 Acq: 21 Feb 2019 17:45

Instrument :
 BNA_F
 ClientSampleId :
 M-11-A-S

Tgt Ion:164 Resp: 175820
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.2 123.4
 160 48.0 36.2 54.4

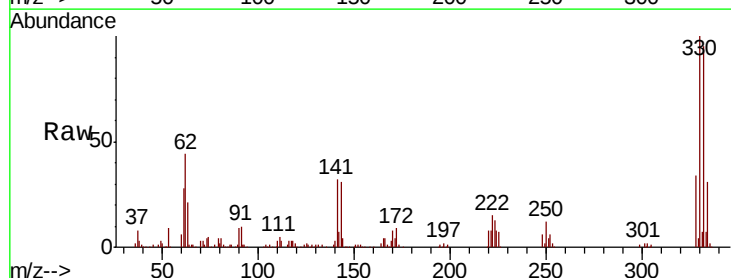


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

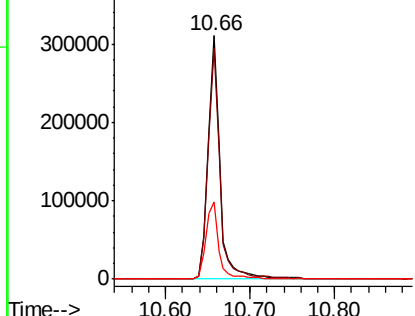
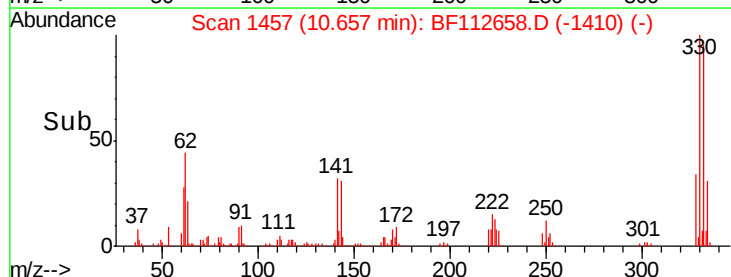


#42
 2,4,6-Tribromophenol
 Concen: 151.268 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112658.D
 Acq: 21 Feb 2019 17:45

Tgt Ion:330 Resp: 309570
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 34.1 24.3 36.5



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

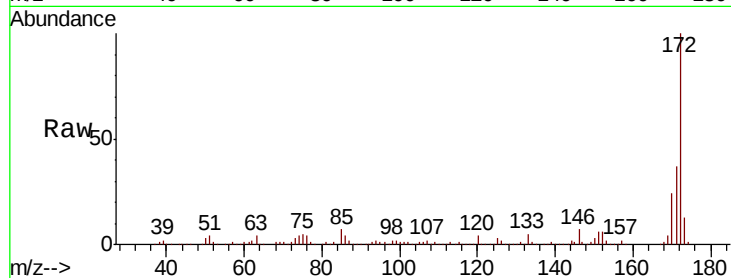




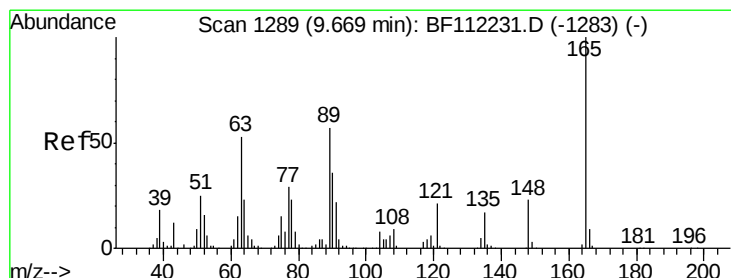
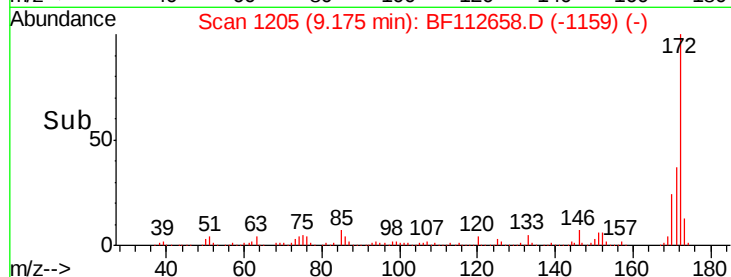
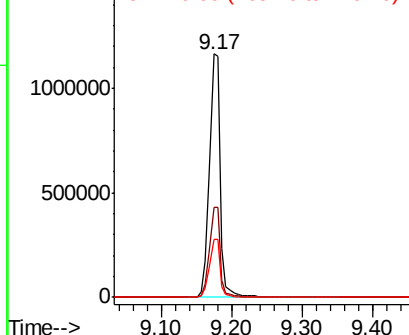
#45
 2-Fluorobiphenyl
 Concen: 100.141 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112658.D
 Acq: 21 Feb 2019 17:45

Instrument :
 BNA_F
 ClientSampleId :
 M-11-A-S

Tgt Ion:172 Resp: 1244877
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.5 45.7
 170 23.8 20.2 30.4

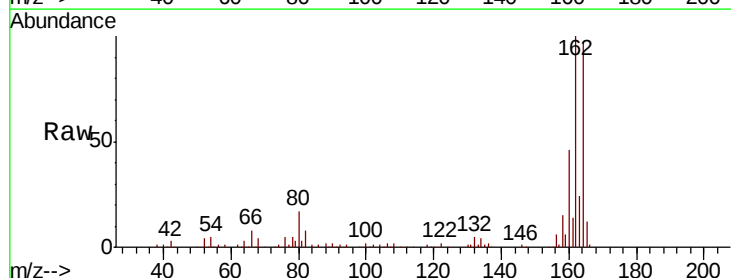


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

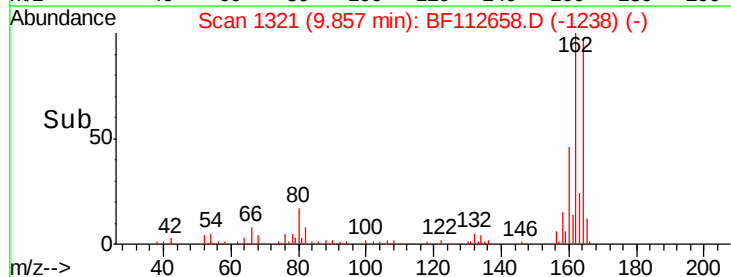
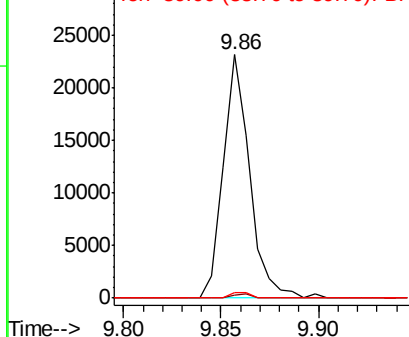


#51
 2,6-Dinitrotoluene
 Concen: 7.103 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.19 min
 Lab File: BF112658.D
 Acq: 21 Feb 2019 17:45

Tgt Ion:165 Resp: 21732
 Ion Ratio Lower Upper
 165 100
 63 1.3 33.8 50.8#
 89 2.1 36.9 55.3#



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

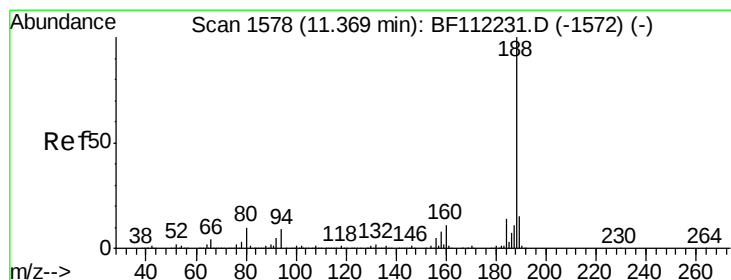
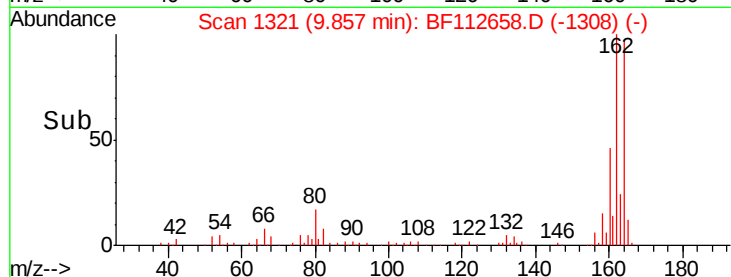
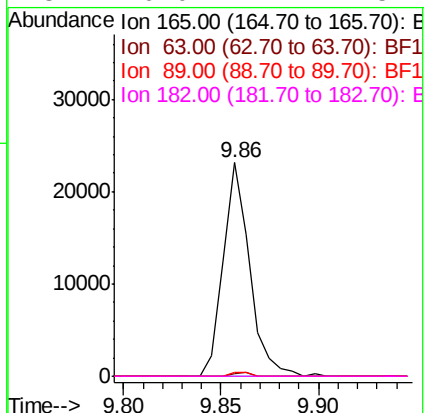
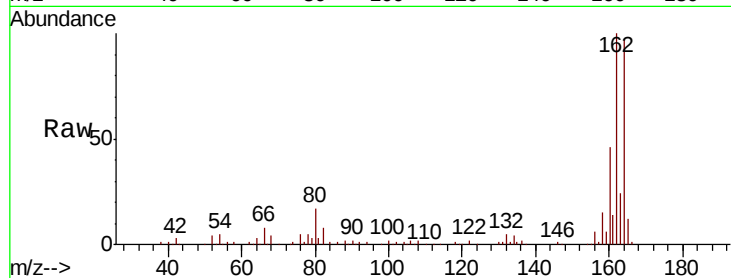




#57
 2,4-Dinitrotoluene
 Concen: 5.580 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.22 min
 Lab File: BF112658.D
 Acq: 21 Feb 2019 17:45

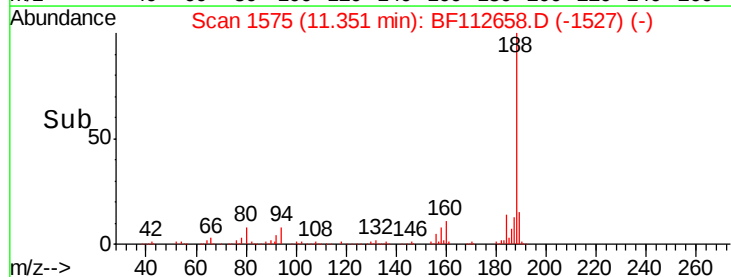
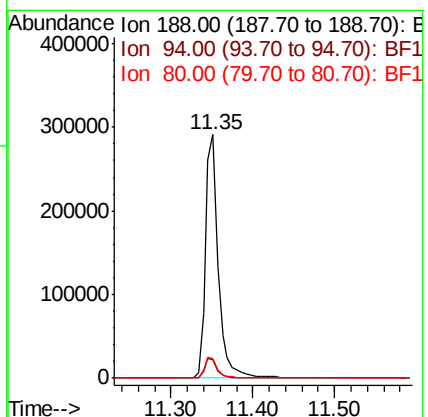
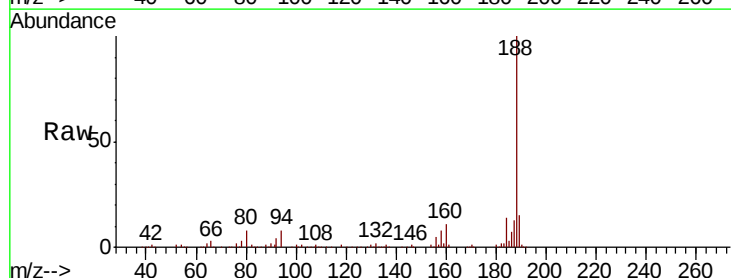
Instrument :
 BNA_F
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 M-11-A-S

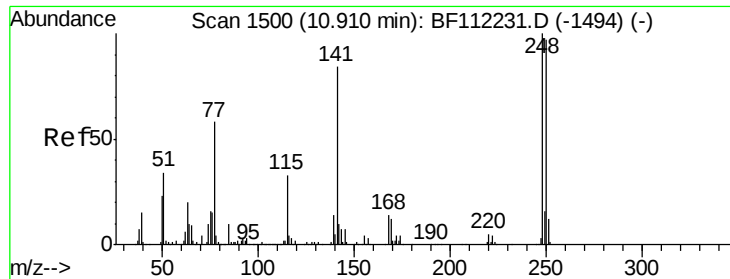
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.9	41.9#
89	2.1	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF112658.D
 Acq: 21 Feb 2019 17:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.2#
80	8.3	8.9	13.3#

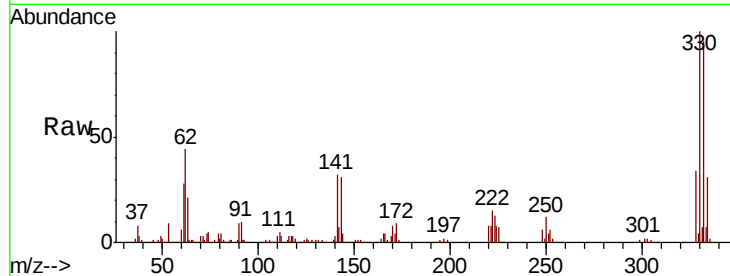




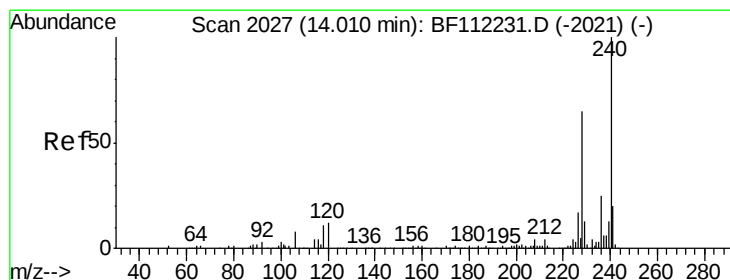
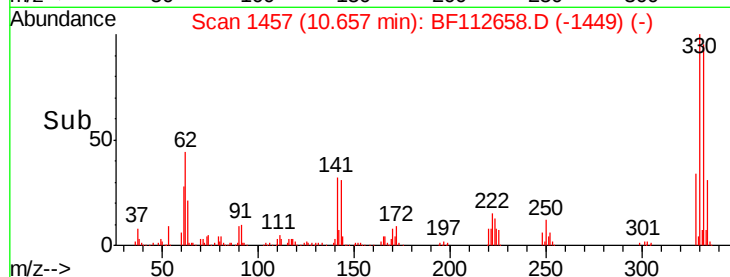
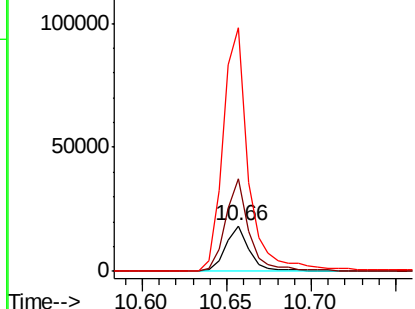
#67
 4-Bromophenyl-phenylether
 Concen: 4.823 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.25 min
 Lab File: BF112658.D
 Acq: 21 Feb 2019 17:45

Instrument :
 BNA_F
 ClientSampled :
 M-11-A-S

Tgt Ion:248 Resp: 18061
 Ion Ratio Lower Upper
 248 100
 250 202.9 79.7 119.5#
 141 535.3 60.3 90.5#

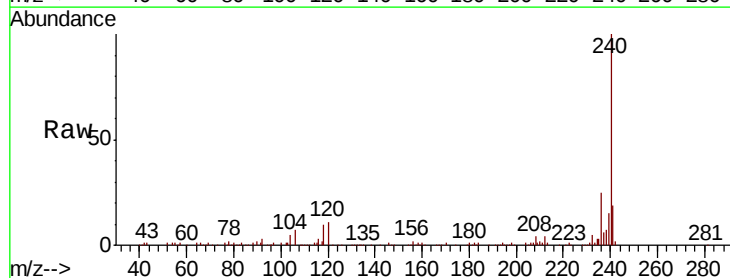


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

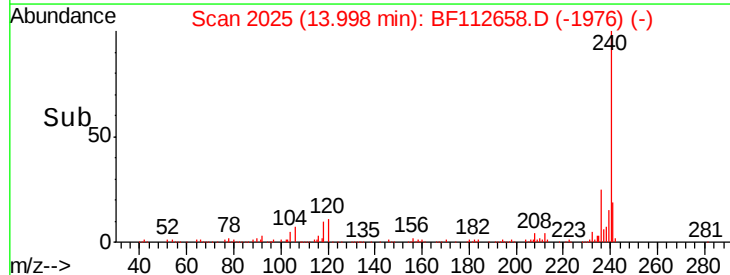
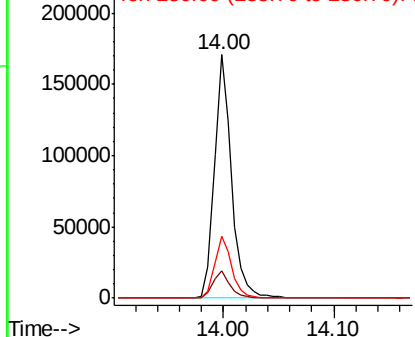


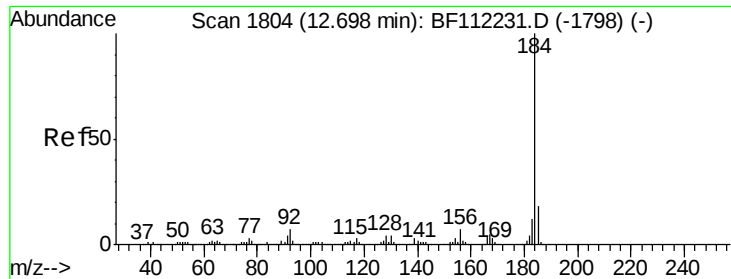
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF112658.D
 Acq: 21 Feb 2019 17:45

Tgt Ion:240 Resp: 181424
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.0 13.6
 236 25.3 20.7 31.1



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: 3.243 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.23 min

Lab File: BF112658.D

Acq: 21 Feb 2019 17:45

Instrument :

BNA_F

ClientSampleId :

M-11-A-S

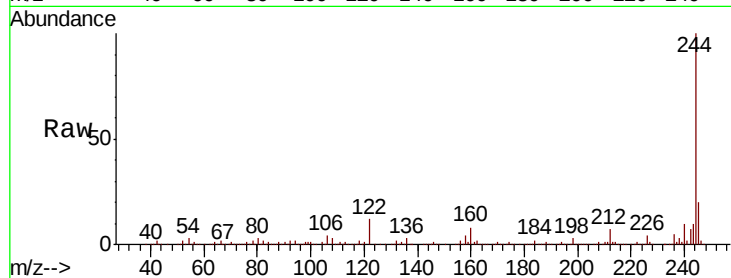
Tgt Ion:184 Resp: 16192

Ion Ratio Lower Upper

184 100

185 16.5 13.9 20.9

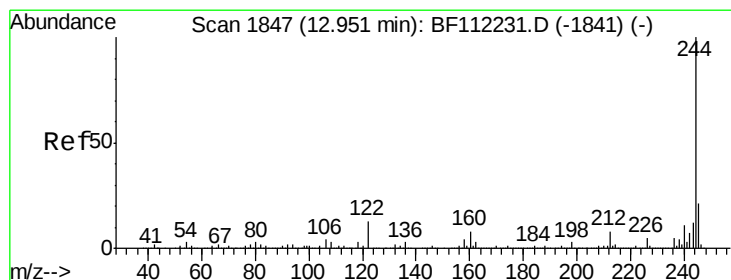
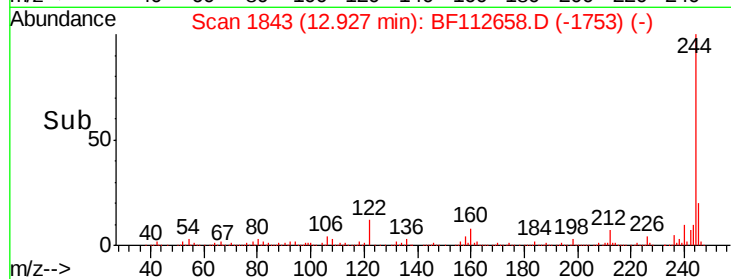
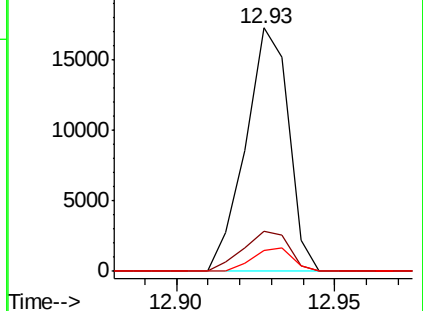
183 8.6 10.0 15.0#



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: 115.398 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112658.D

Acq: 21 Feb 2019 17:45

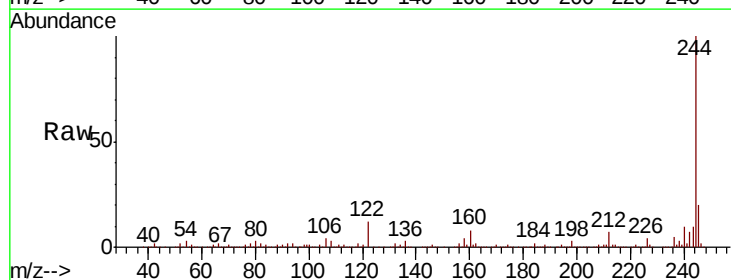
Tgt Ion:244 Resp: 1111578

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

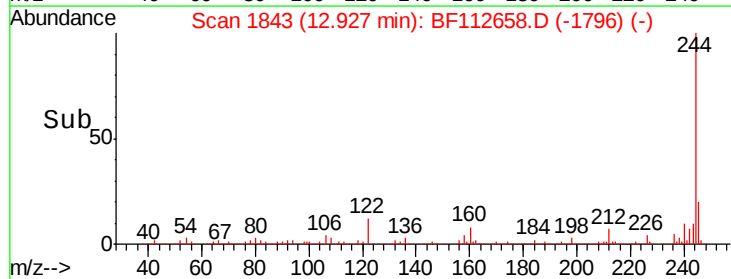
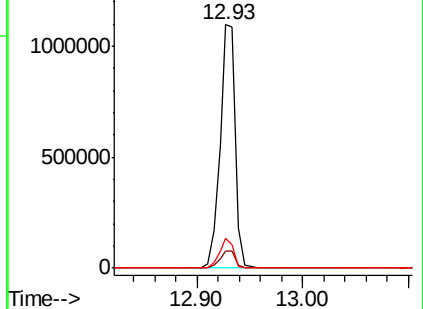
122 12.4 9.8 14.6

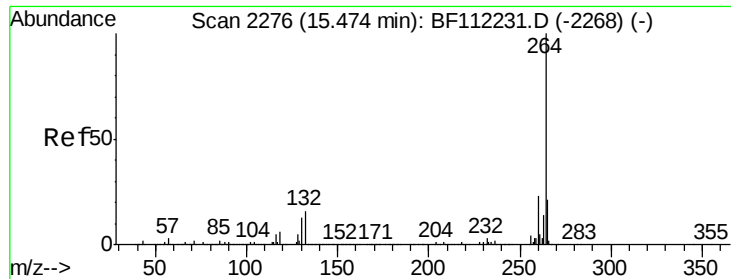


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112658.D
Acq: 21 Feb 2019 17:45

Instrument :
BNA_F
ClientSampleId :
M-11-A-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	20.8	17.0	25.4

