

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114341.D
 Acq On : 17 May 2019 11:28
 Operator : JU/SJ
 Sample : K2851-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:53:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

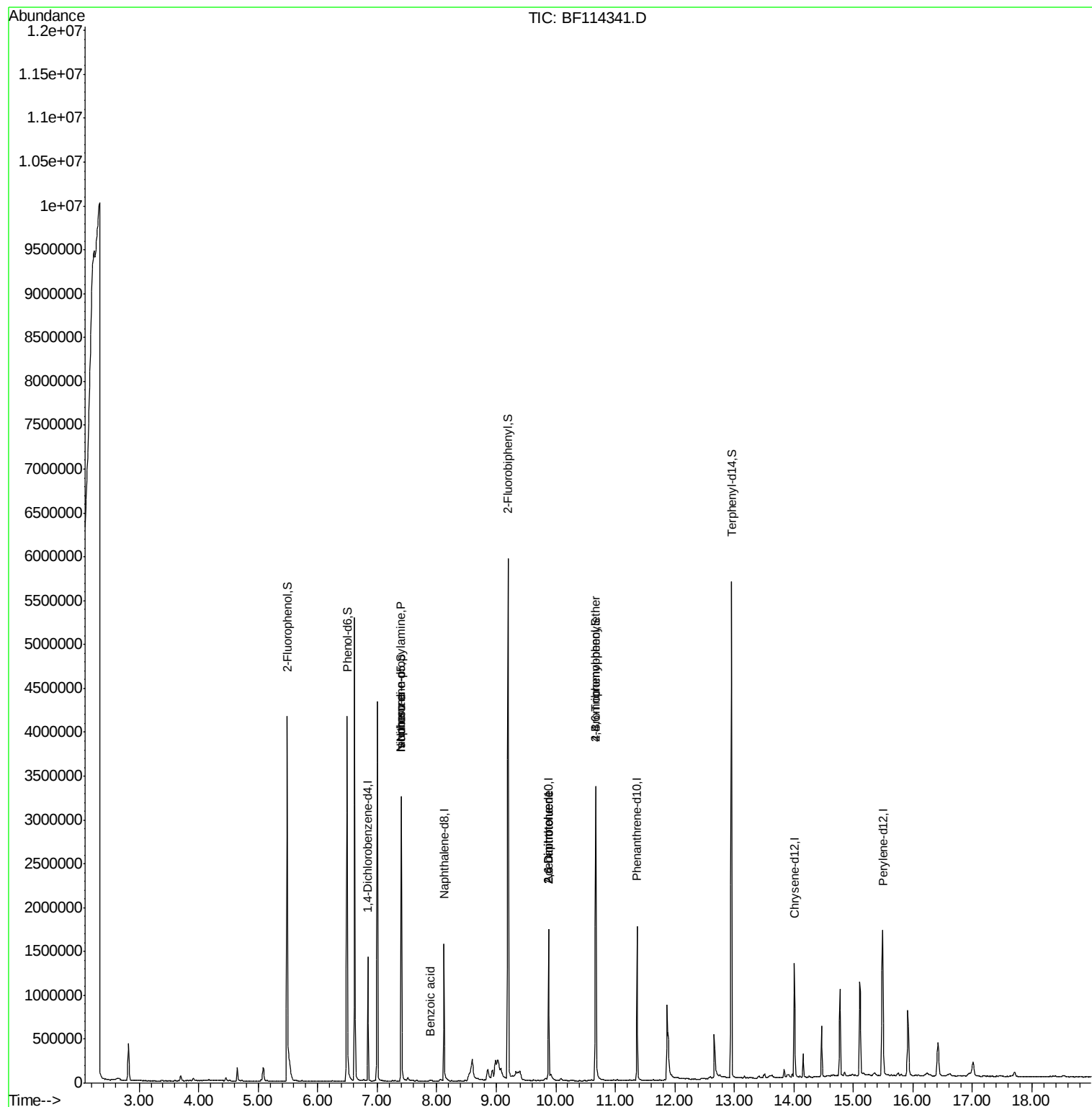
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	197187	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	736174	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	346633	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	706999	20.00	ng	0.00
76) Chrysene-d12	14.01	240	467337	20.00	ng	-0.01
87) Perylene-d12	15.49	264	461394	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1320913	107.80	ng	0.00
7) Phenol-d6	6.49	99	1503208	103.72	ng	0.00
23) Nitrobenzene-d5	7.40	82	1139873	86.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	451896	126.10	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1947321	84.98	ng	-0.01
79) Terphenyl-d14	12.95	244	2004030	88.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	150254	16.357	ng	# 76
25) Isophorone	7.40	82	1139859	46.853	ng	# 64
32) Benzoic acid	7.90	122	3522	7.435	ng	# 65
51) 2,6-Dinitrotoluene	9.88	165	44474	7.880	ng	# 22
57) 2,4-Dinitrotoluene	9.88	165	44474	5.806	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	29049	3.732	ng	# 1

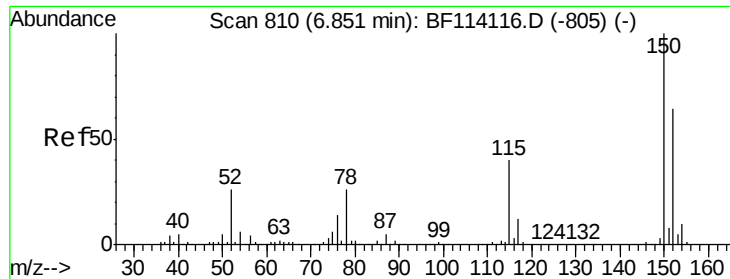
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



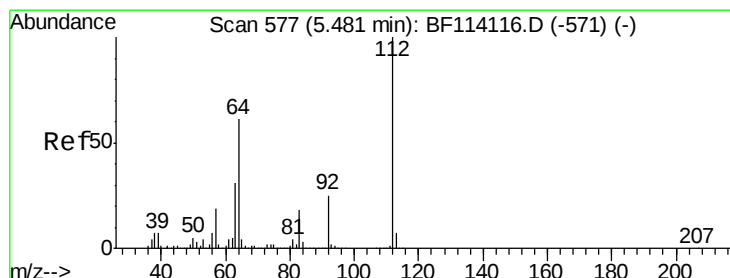
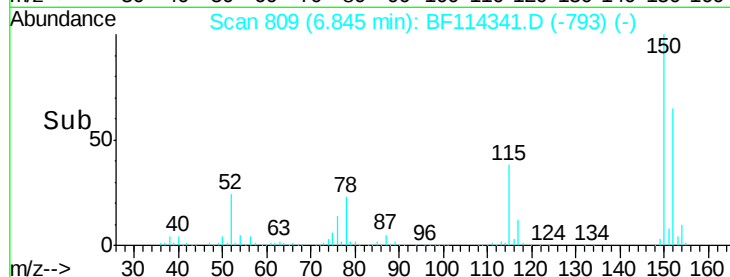
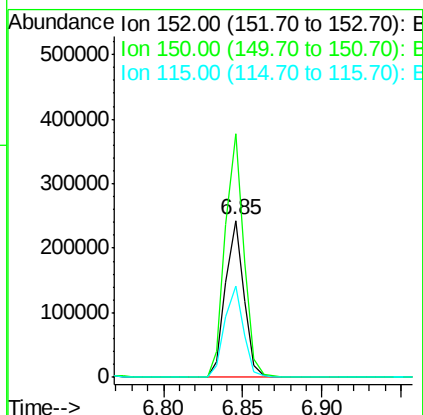
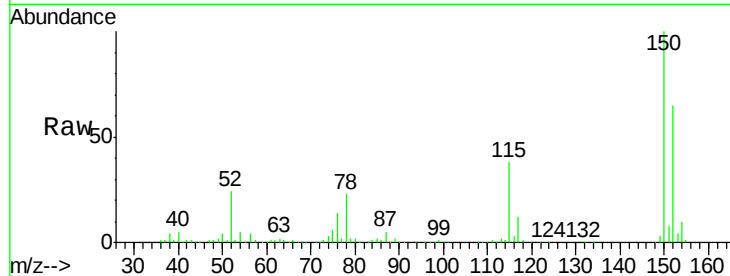


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Instrument :
BNA_F
ClientSampleId :

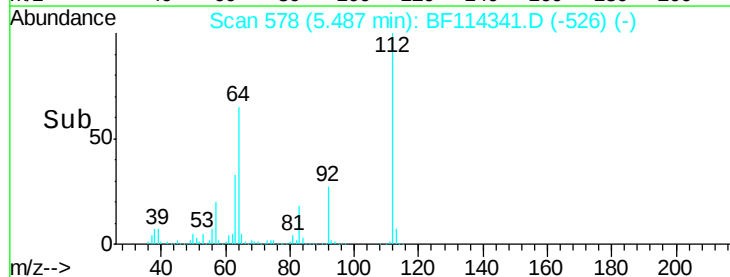
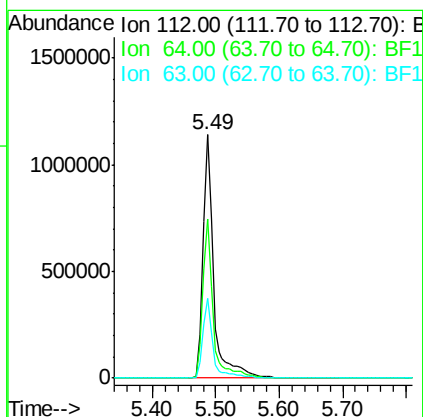
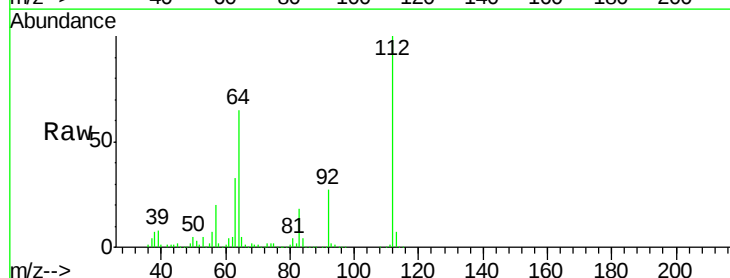
Tot Ion:152 Resp: 197187
Ion Ratio Lower Upper
152 100
150 154.9 124.3 186.5
115 58.1 49.1 73.7



#5

2-Fluorophenol
Concen: 107.801 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Tgt Ion:112 Resp: 1320913
Ion Ratio Lower Upper
112 100
64 65.3 49.0 73.6
63 32.7 24.6 37.0





#7

Phenol-d6

Concen: 103.724 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

Instrument :

BNA_F

ClientSampleId :

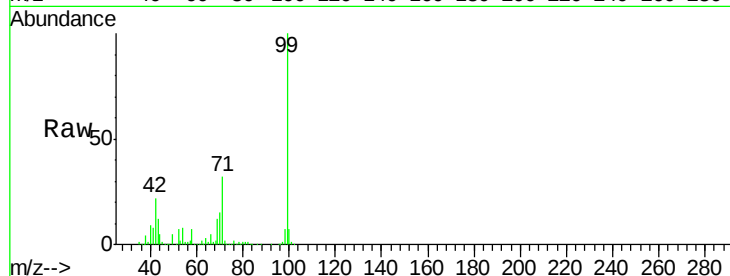
Tot Ion: 99 Resp: 1503208

Ion Ratio Lower Upper

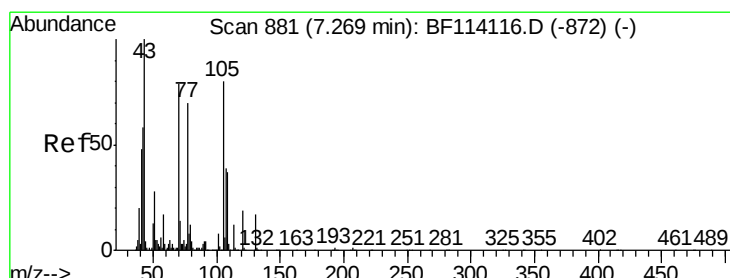
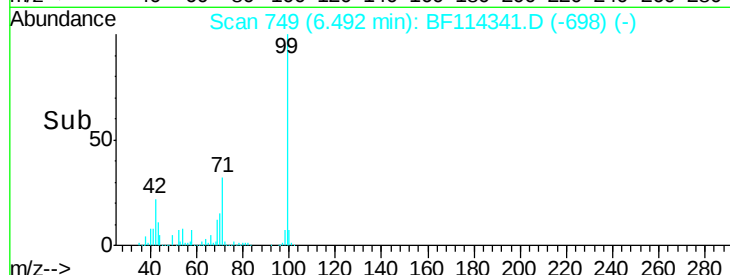
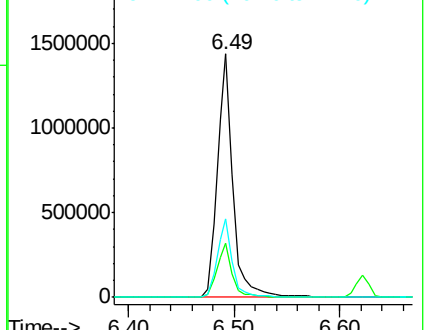
99 100

42 22.2 17.9 26.9

71 32.1 26.2 39.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.357 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

Tgt Ion: 70 Resp: 150254

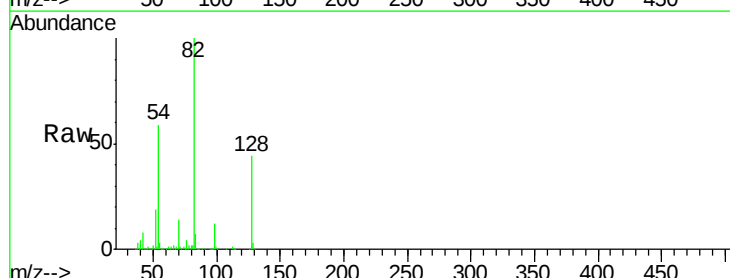
Ion Ratio Lower Upper

70 100

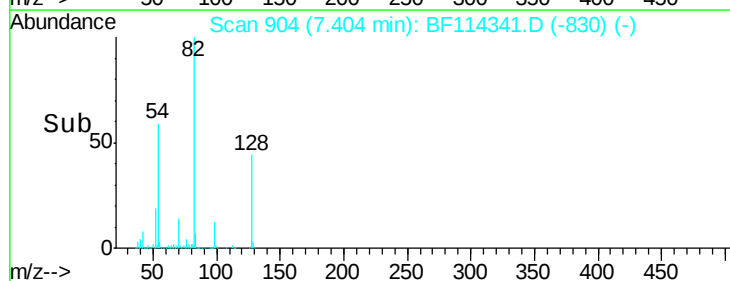
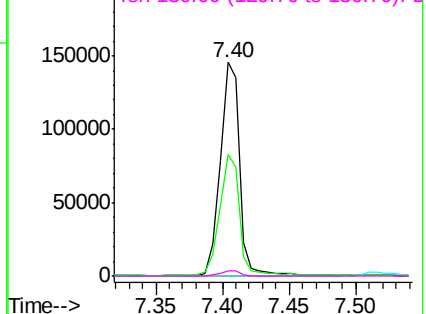
42 57.1 58.6 87.8#

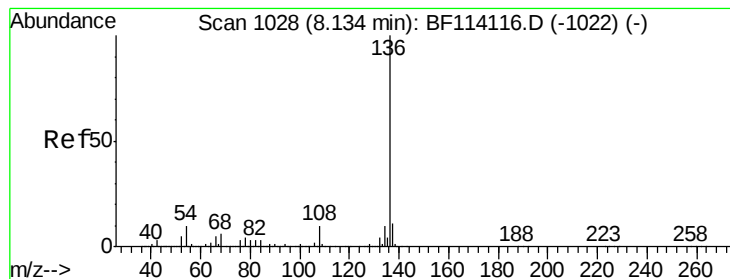
101 0.0 7.8 11.8#

130 2.2 17.1 25.7#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 736174

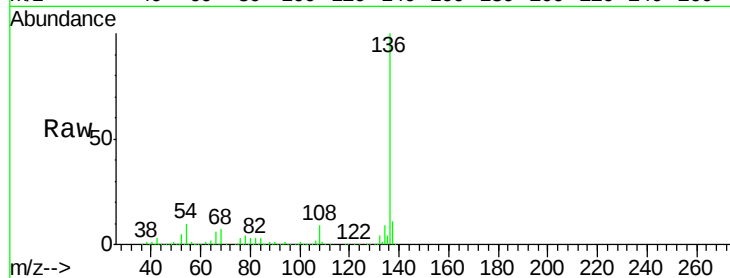
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.4 7.8 11.8

68 6.7 5.1 7.7

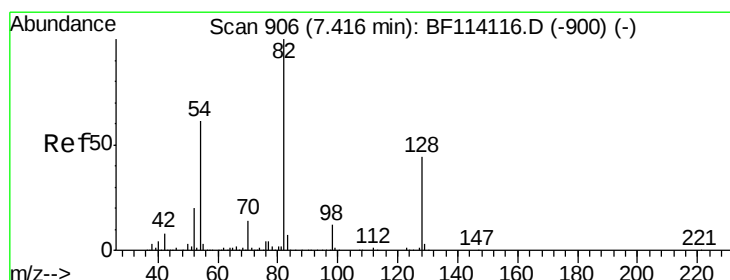
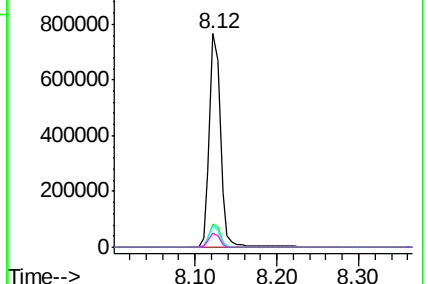
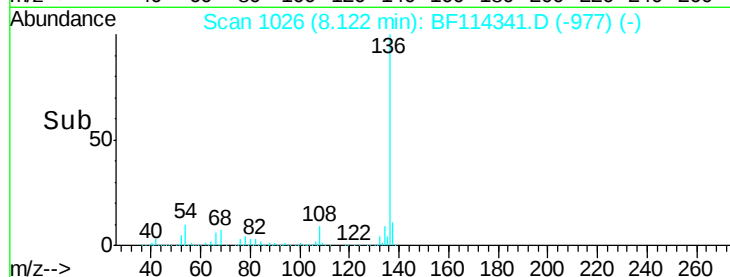


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.895 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

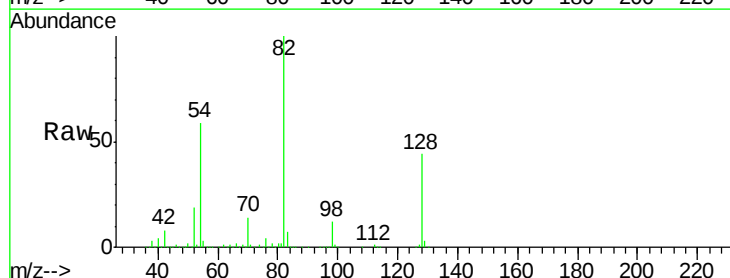
Tgt Ion: 82 Resp: 1139873

Ion Ratio Lower Upper

82 100

128 43.7 35.5 53.3

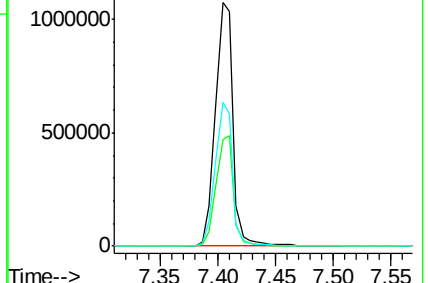
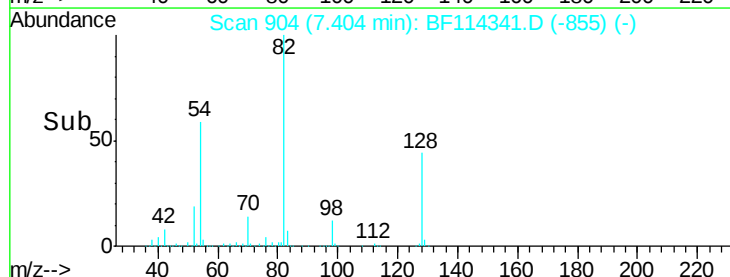
54 59.2 48.5 72.7



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: 46.853 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

Instrument :

BNA_F

ClientSampleId :

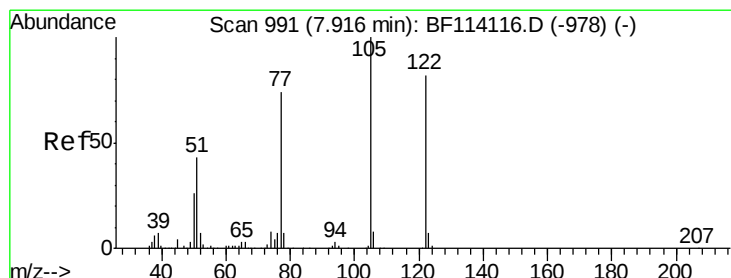
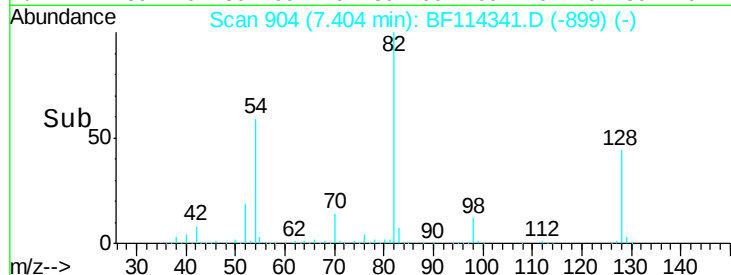
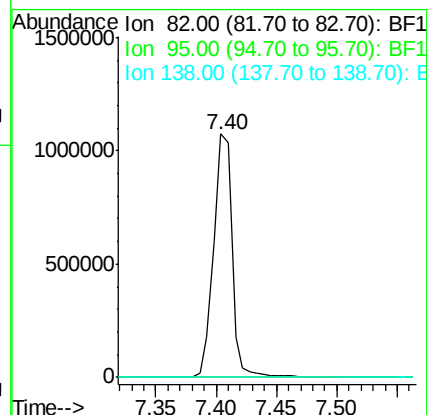
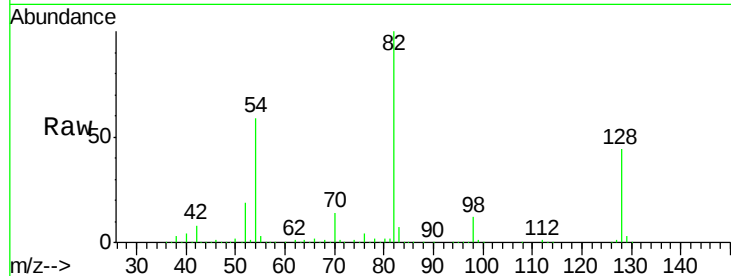
Tot Ion: 82 Resp: 1139859

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.435 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

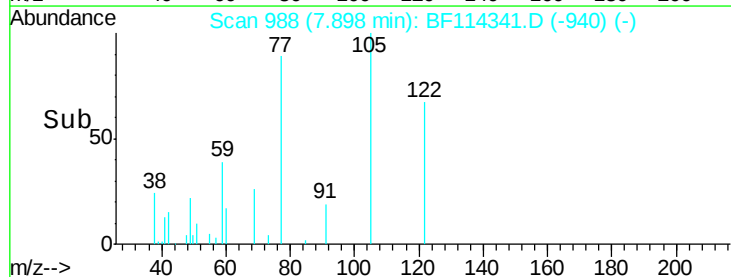
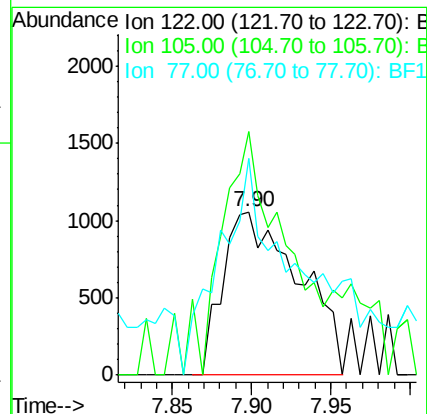
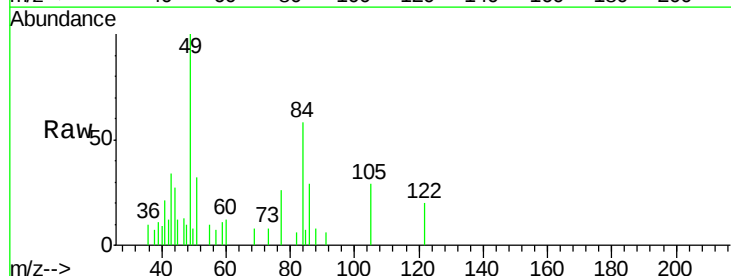
Tgt Ion:122 Resp: 3522

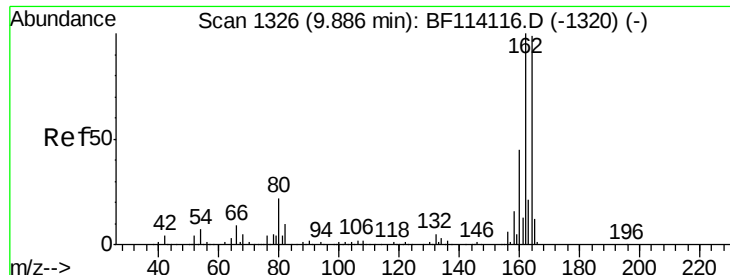
Ion Ratio Lower Upper

122 100

105 149.4 99.9 139.9#

77 133.3 69.4 109.4#

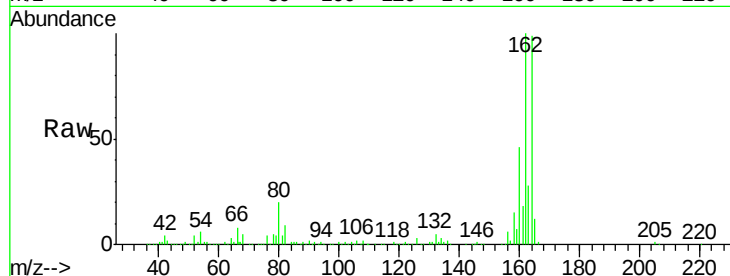




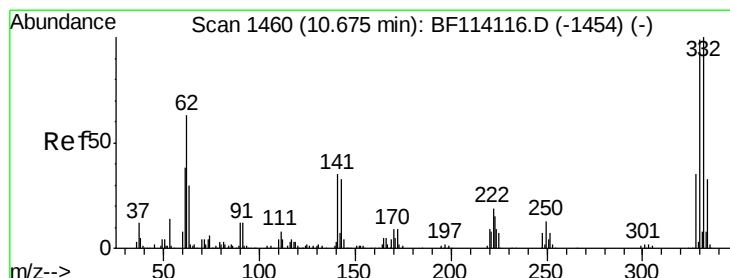
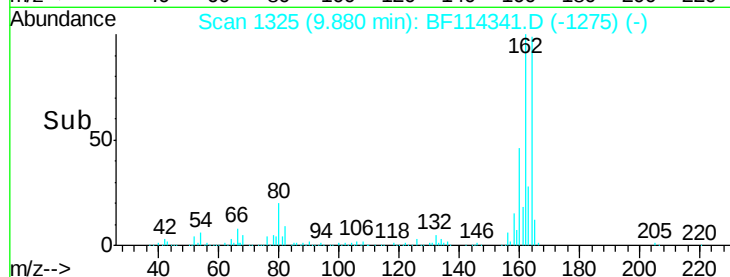
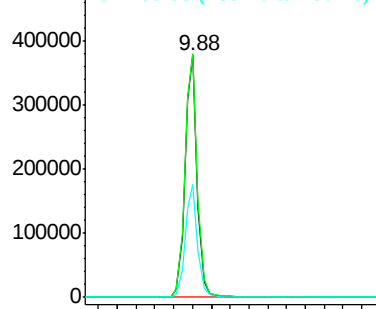
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 346633
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 46.5 36.5 54.7

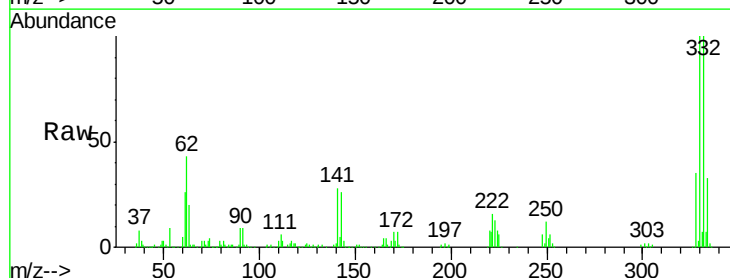


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

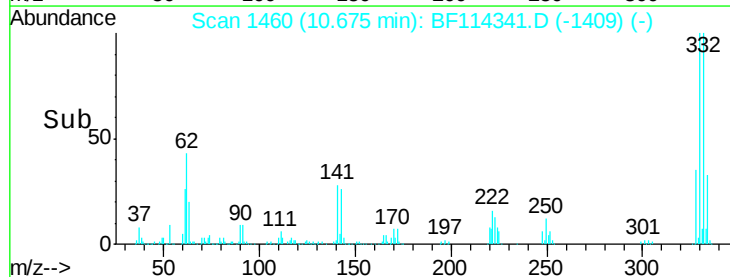
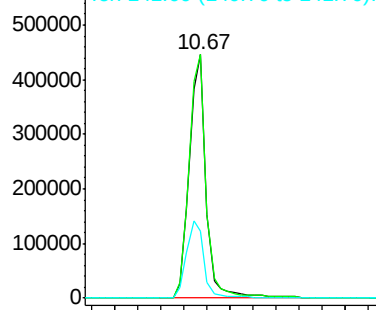


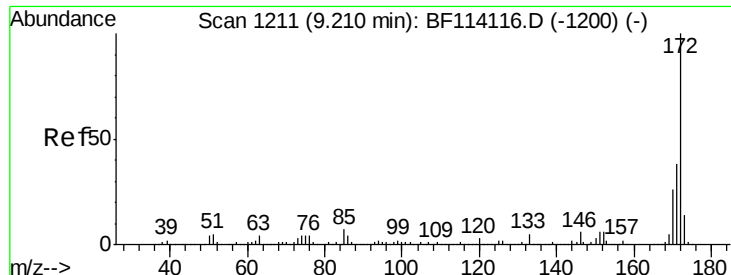
#42
2,4,6-Tribromophenol
Concen: 126.101 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Tgt Ion:330 Resp: 451896
Ion Ratio Lower Upper
330 100
332 102.3 81.4 122.2
141 33.7 26.6 40.0



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

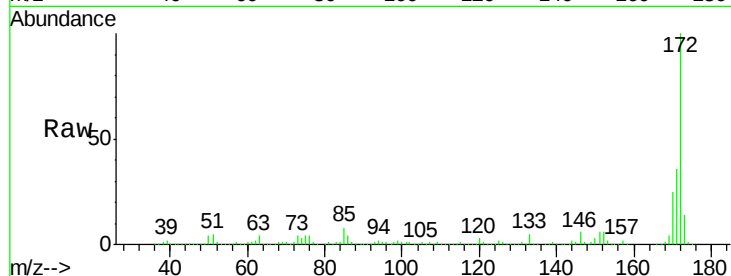




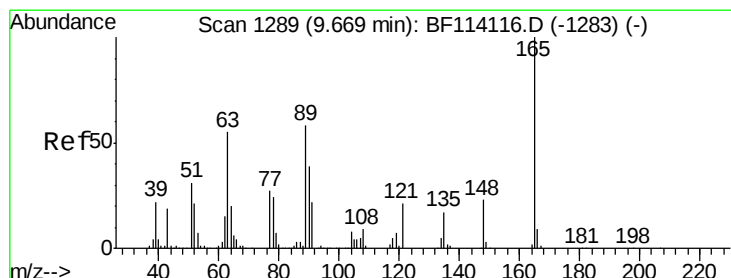
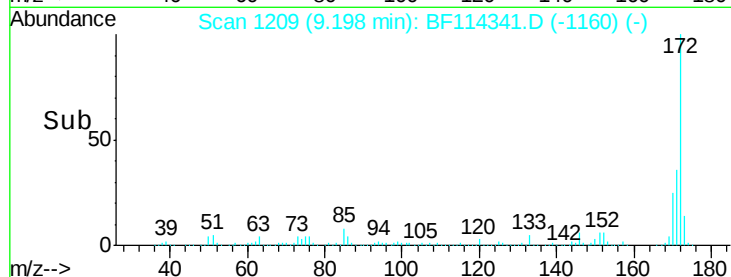
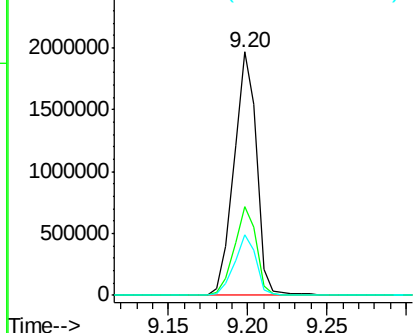
#45
2-Fluorobiphenyl
Concen: 84.979 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1947321
Ion Ratio Lower Upper
172 100
171 36.3 30.7 46.1
170 24.6 20.5 30.7

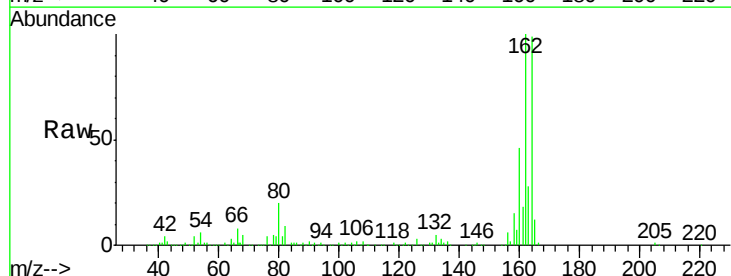


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

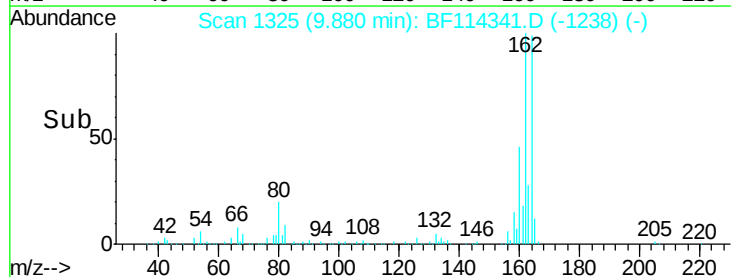
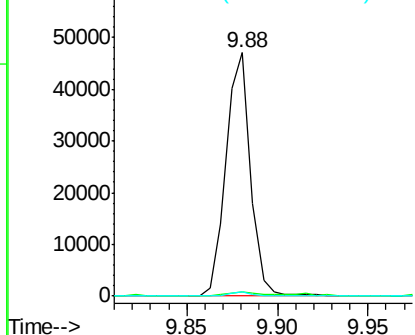


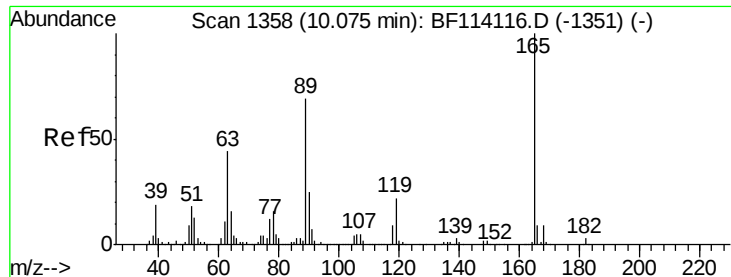
#51
2,6-Dinitrotoluene
Concen: 7.880 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Tgt Ion:165 Resp: 44474
Ion Ratio Lower Upper
165 100
63 1.6 50.2 75.4#
89 1.6 46.6 69.8#



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

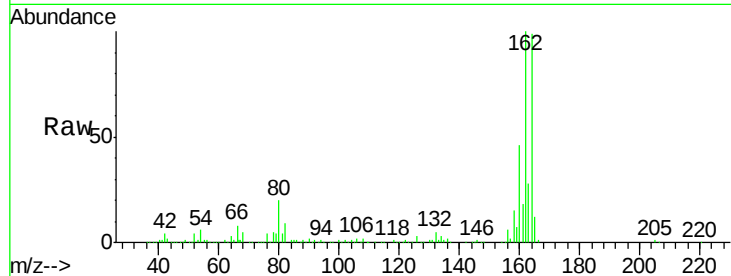




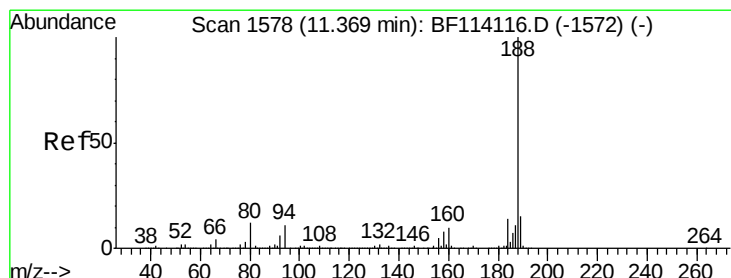
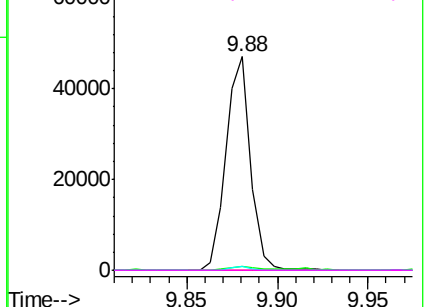
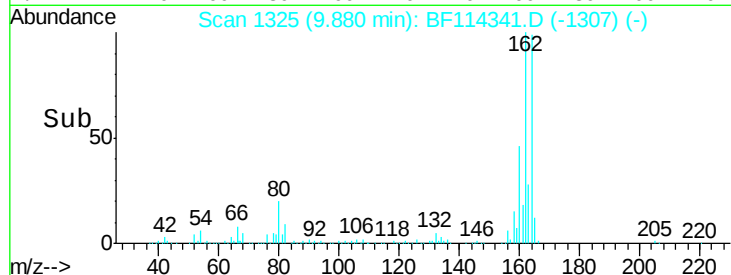
#57
 2,4-Dinitrotoluene
 Concen: 5.806 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114341.D
 Acq: 17 May 2019 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 44474
 Ion Ratio Lower Upper
 165 100
 63 1.6 35.5 53.3#
 89 1.6 55.2 82.8#
 182 0.0 2.2 3.2#

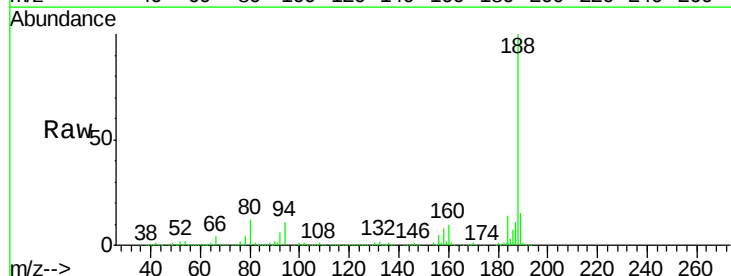


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

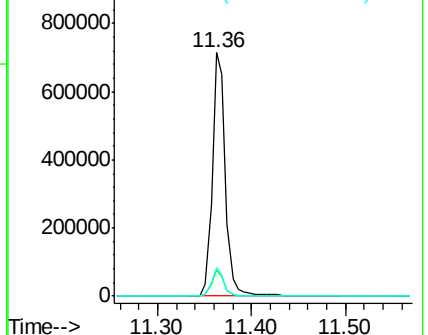
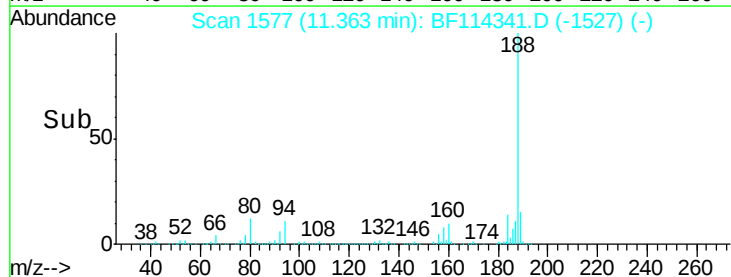


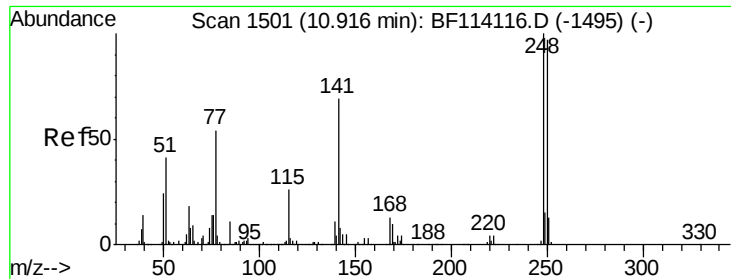
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF114341.D
 Acq: 17 May 2019 11:28

Tgt Ion:188 Resp: 706999
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.4 12.6
 80 11.9 9.2 13.8



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

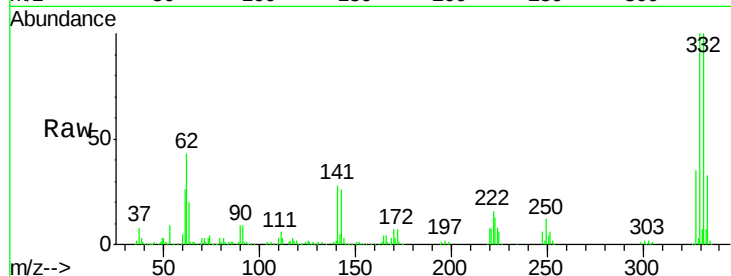




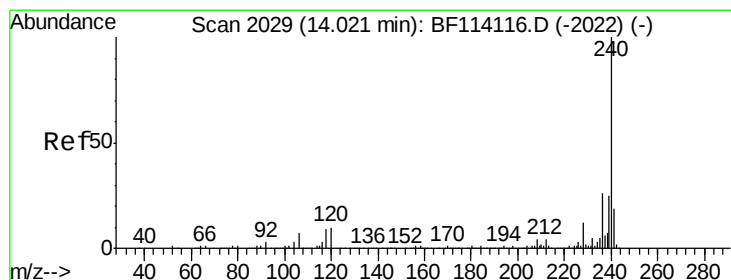
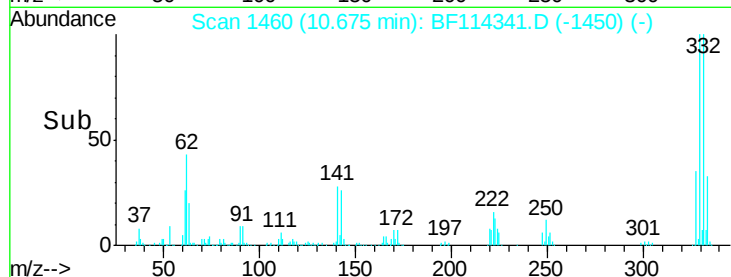
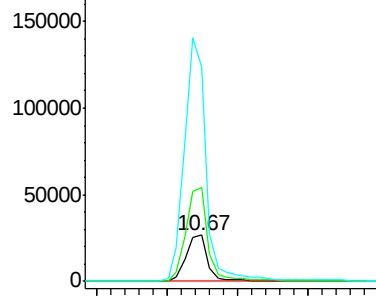
#67
4-Bromophenyl-phenylether
Concen: 3.732 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 29049
Ion Ratio Lower Upper
248 100
250 203.5 77.4 116.2#
141 464.8 55.6 83.4#

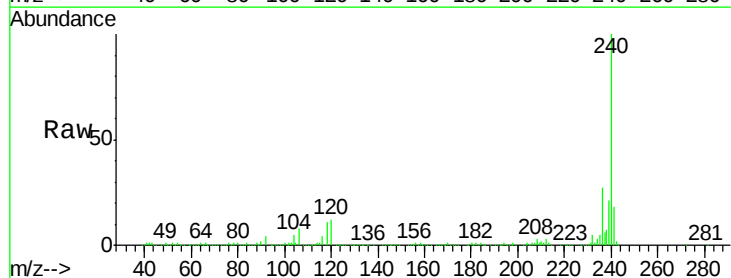


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

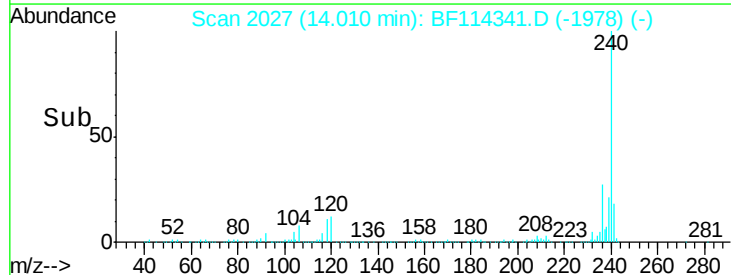
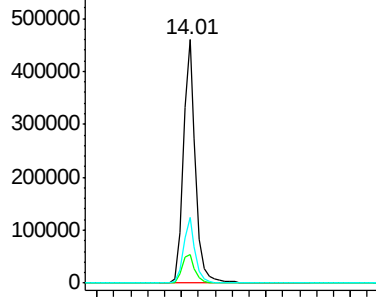


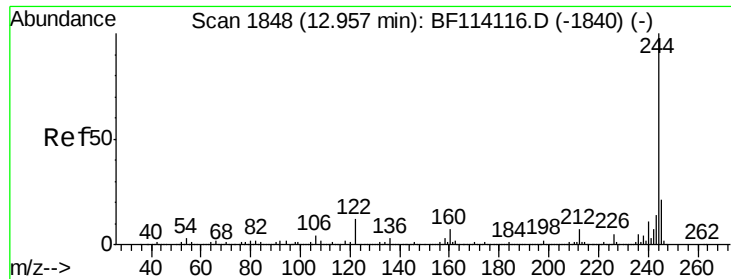
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Tgt Ion:240 Resp: 467337
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 26.8 20.8 31.2



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: 88.398 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

Instrument :

BNA_F

ClientSampled :

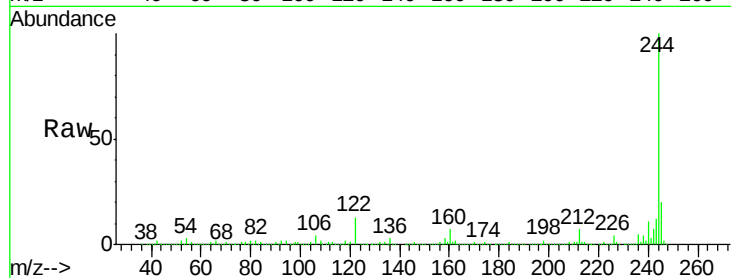
Tot Ion:244 Resp: 2004030

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

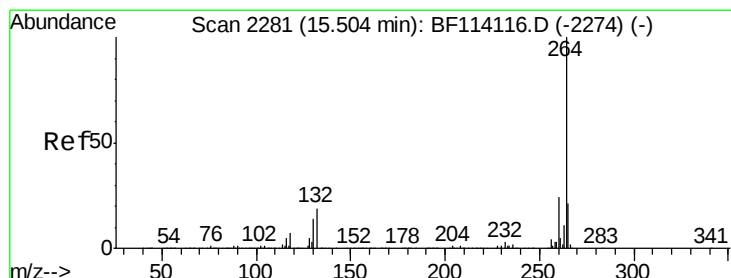
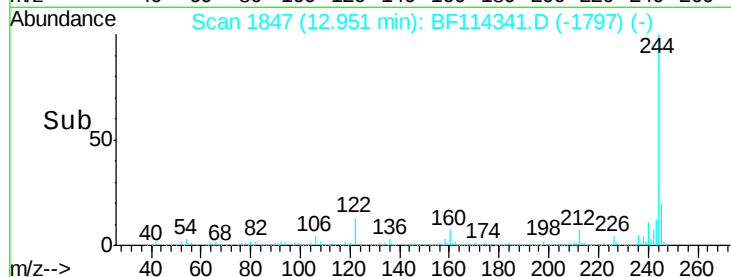
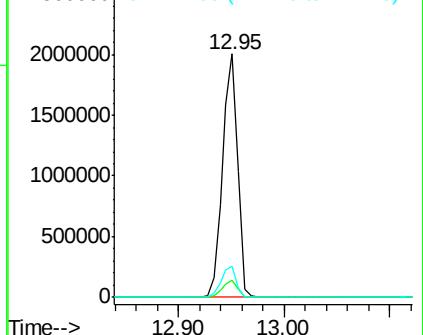
122 12.9 9.4 14.2



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

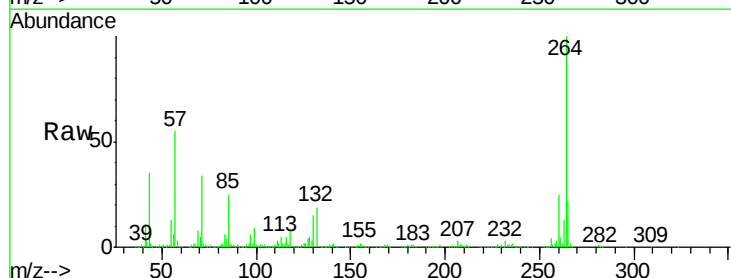
Tgt Ion:264 Resp: 461394

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 22.0 16.9 25.3



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

