

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114305.D
 Acq On : 16 May 2019 13:28
 Operator : JU/SJ
 Sample : PB119768BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BL

Quant Time: May 17 08:00:12 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

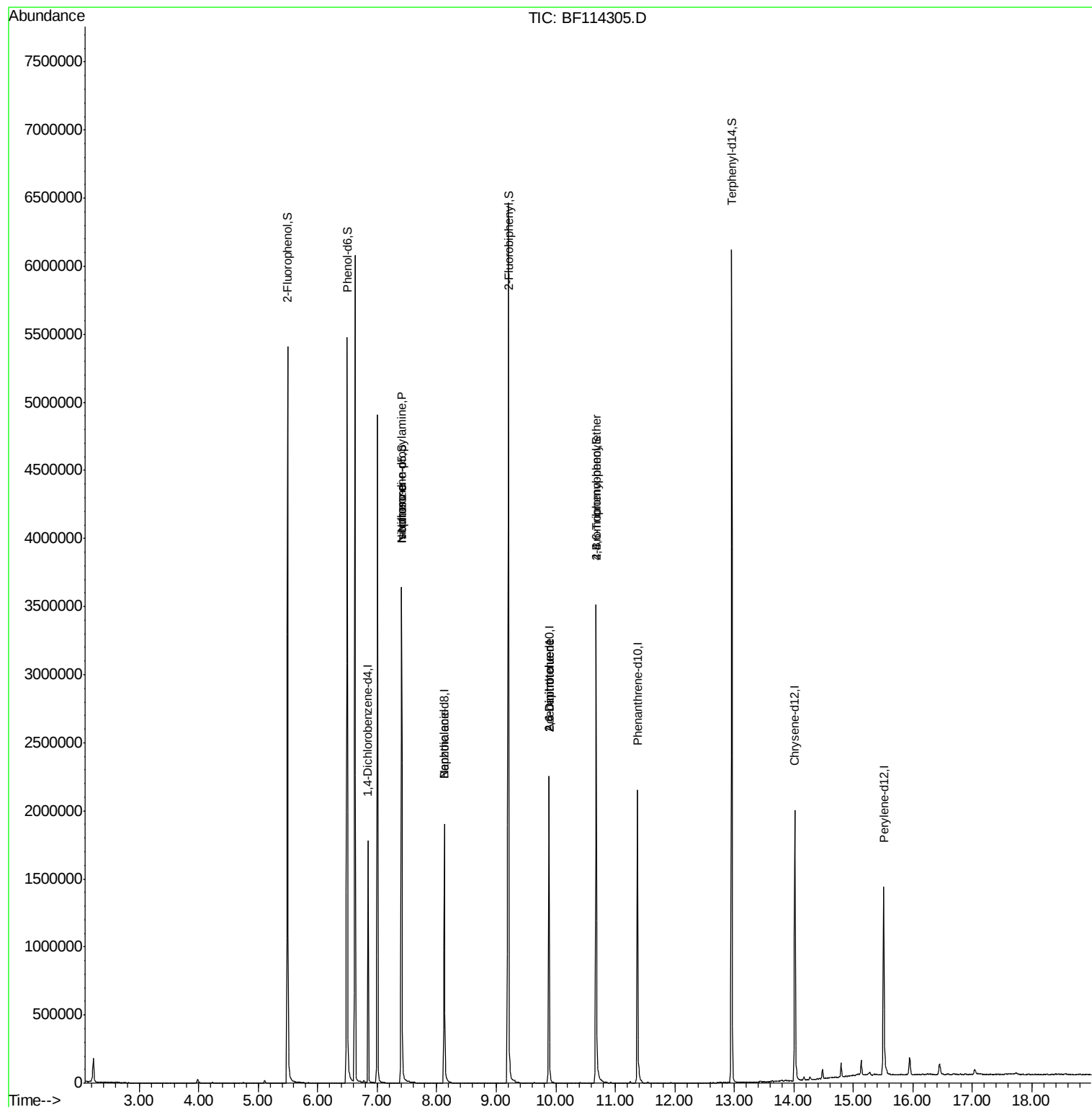
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	274929	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1057515	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	497906	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1000309	20.00	ng	0.00
76) Chrysene-d12	14.02	240	753403	20.00	ng	0.00
87) Perylene-d12	15.51	264	722568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1640124	96.00	ng	0.02
7) Phenol-d6	6.50	99	2180054	107.89	ng	0.00
23) Nitrobenzene-d5	7.41	82	1379604	73.21	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	518208	100.67	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2398225	72.86	ng	0.00
79) Terphenyl-d14	12.96	244	2392877	65.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	179479	14.014	ng	# 76
25) Isophorone	7.41	82	1365503	39.073	ng	# 64
32) Benzoic acid	8.13	122	108	7.030	ng	# 1
51) 2,6-Dinitrotoluene	9.89	165	61967	7.644	ng	# 22
57) 2,4-Dinitrotoluene	9.89	165	61967	5.632	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	33015	2.998	ng	# 1

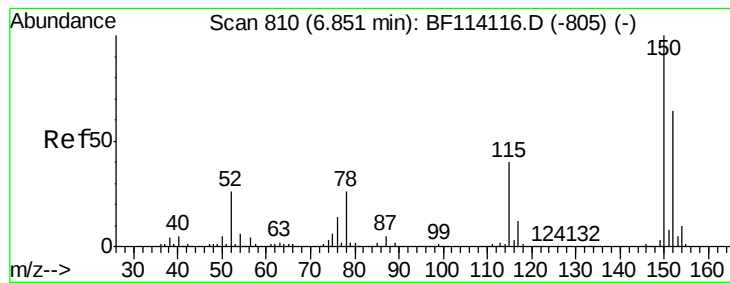
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
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Misc :
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PB119768BL

Quant Time: May 17 08:00:12 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



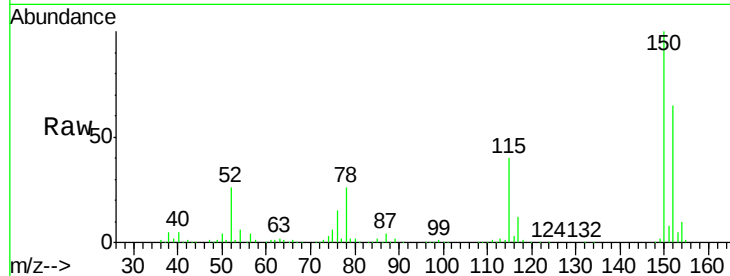


#1

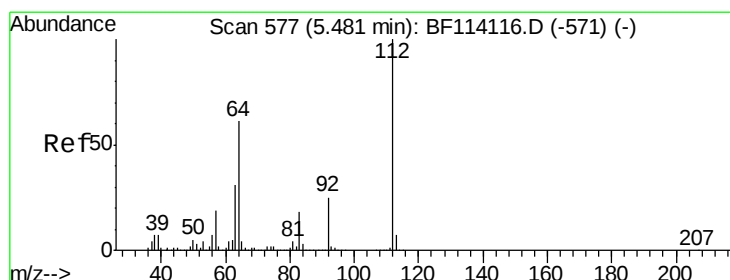
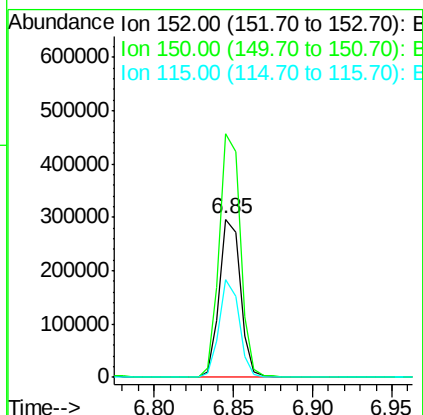
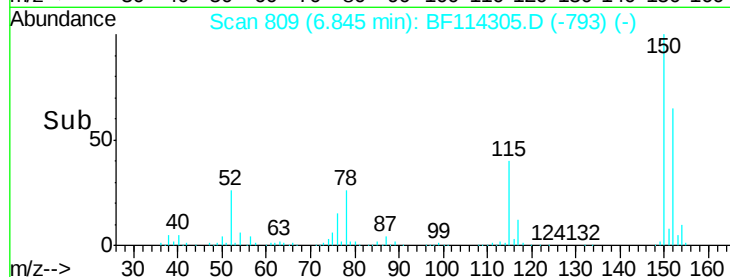
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114305.D
Acq: 16 May 2019 13:28

Instrument :
BNA_F
ClientSampleId :
PB119768BL

Tot Ion:152 Resp: 274929
Ion Ratio Lower Upper
152 100
150 154.1 124.3 186.5
115 61.5 49.1 73.7



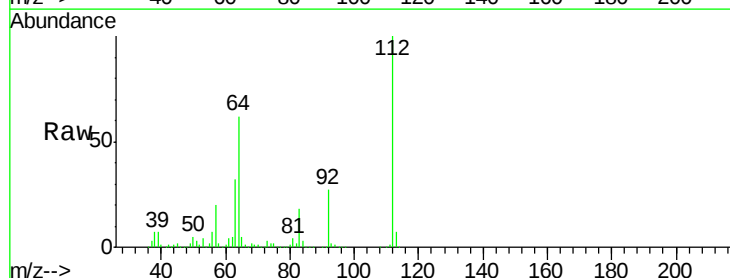
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



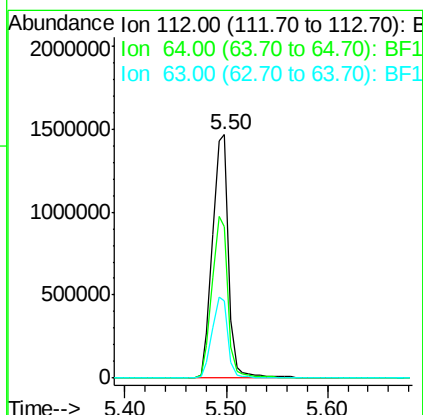
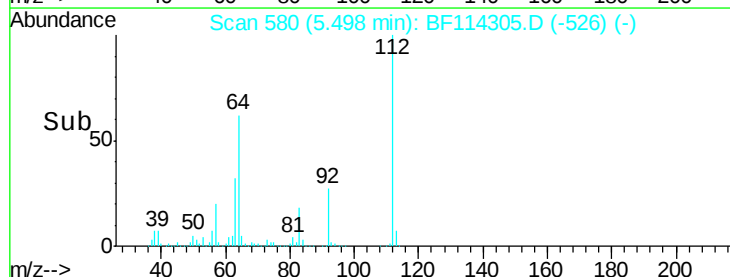
#5

2-Fluorophenol
Concen: 96.003 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114305.D
Acq: 16 May 2019 13:28

Tgt Ion:112 Resp: 1640124
Ion Ratio Lower Upper
112 100
64 62.4 49.0 73.6
63 31.8 24.6 37.0



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: 107.891 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

PB119768BL

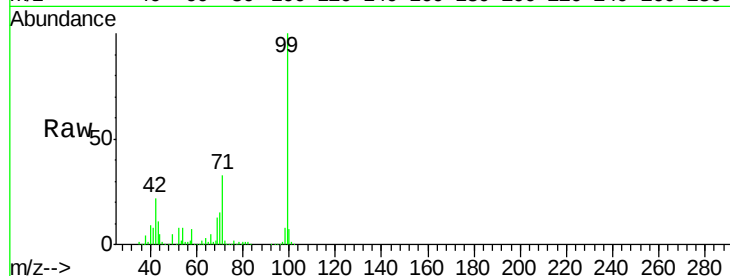
Tot Ion: 99 Resp: 2180054

Ion Ratio Lower Upper

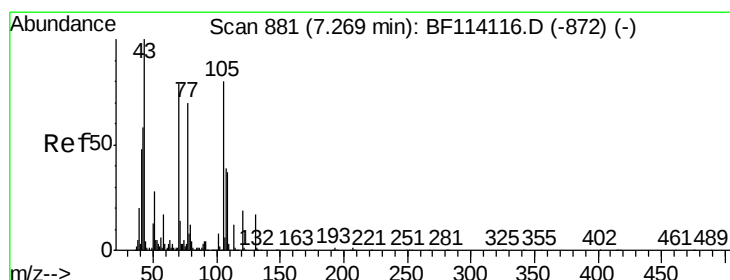
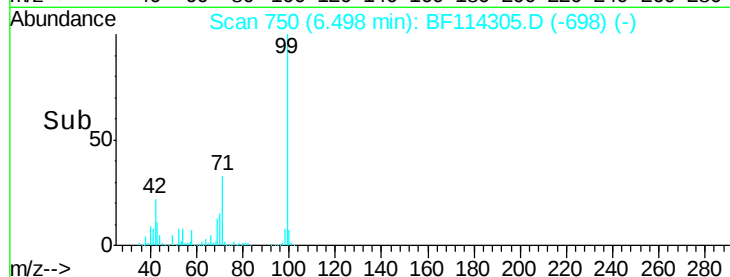
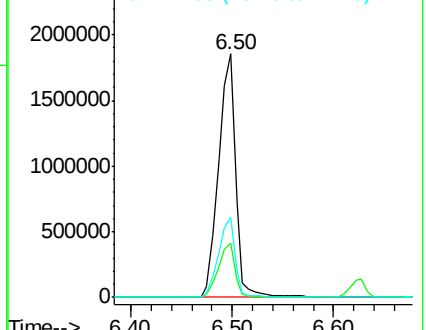
99 100

42 22.5 17.9 26.9

71 32.7 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: 14.014 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

Tgt Ion: 70 Resp: 179479

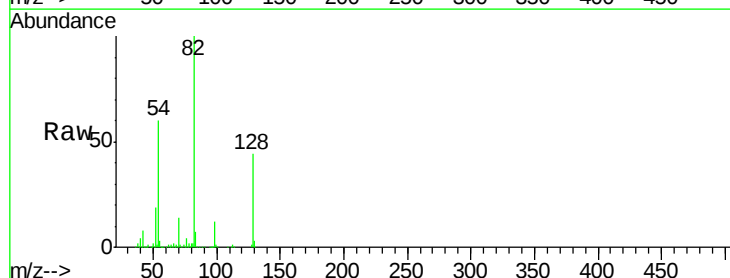
Ion Ratio Lower Upper

70 100

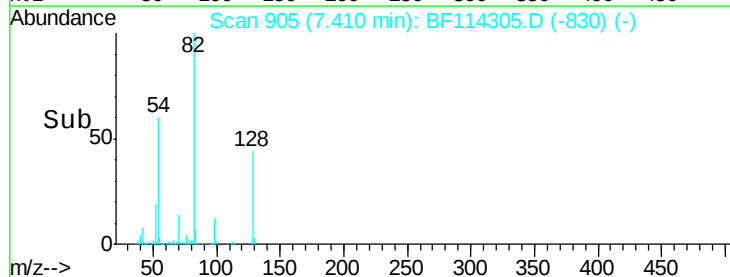
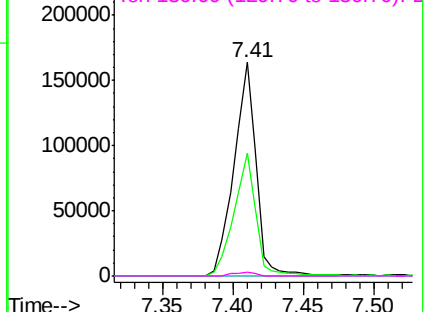
42 57.8 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

Instrument :

BNA_F

ClientSampleId :

PB119768BL

Tot Ion:136 Resp: 1057515

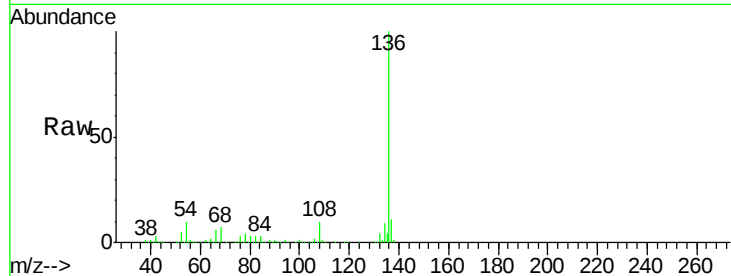
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.2 7.8 11.8

68 6.6 5.1 7.7

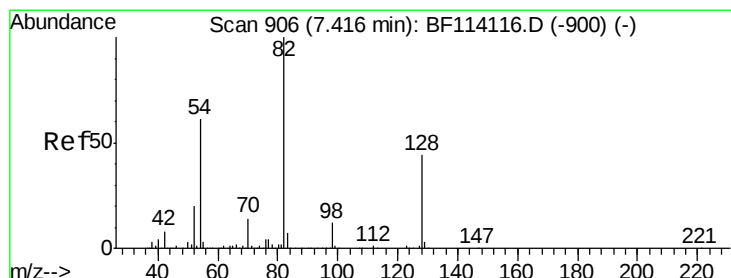
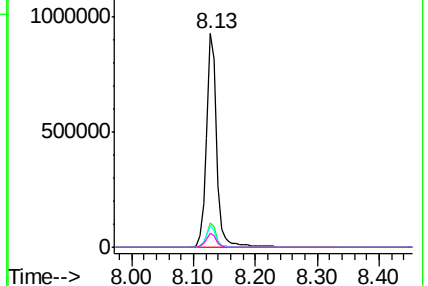
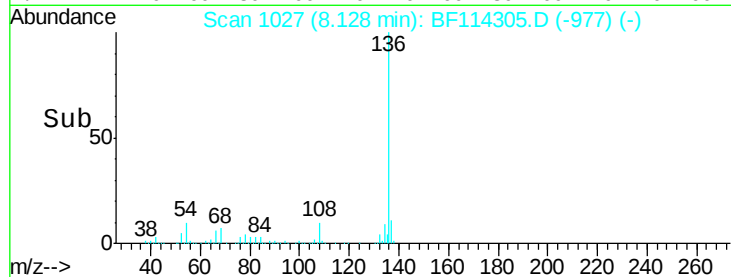


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.213 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

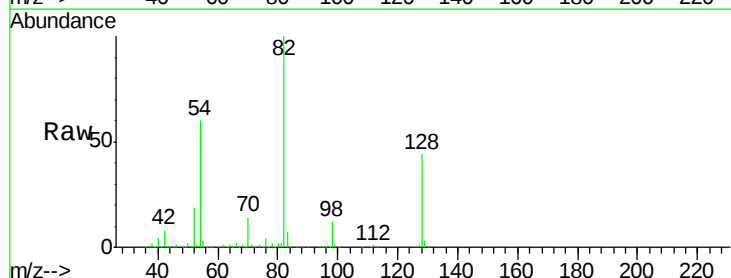
Tgt Ion: 82 Resp: 1379604

Ion Ratio Lower Upper

82 100

128 44.3 35.5 53.3

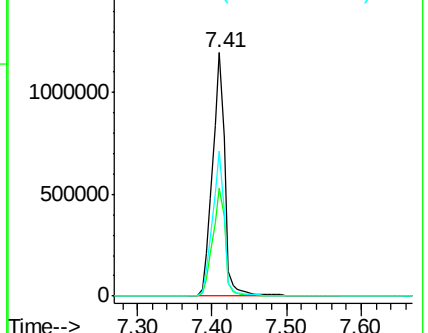
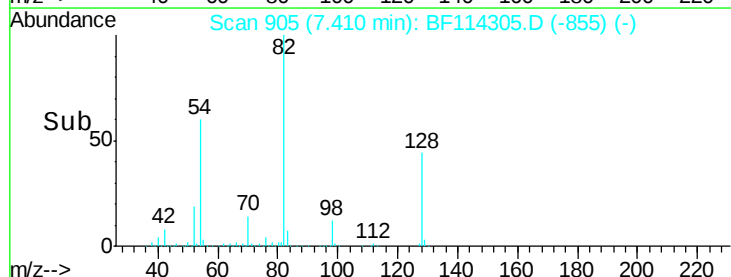
54 59.7 48.5 72.7

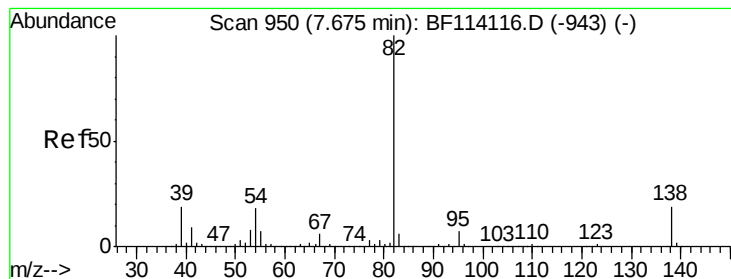


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.073 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

Instrument :

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ClientSampleId :

PB119768BL

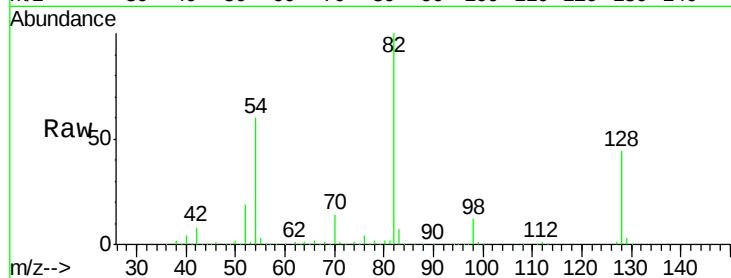
Tot Ion: 82 Resp: 1365503

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

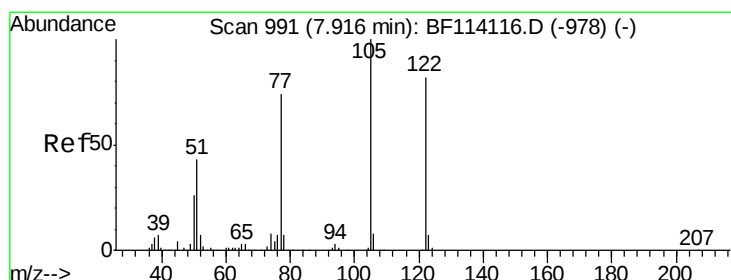
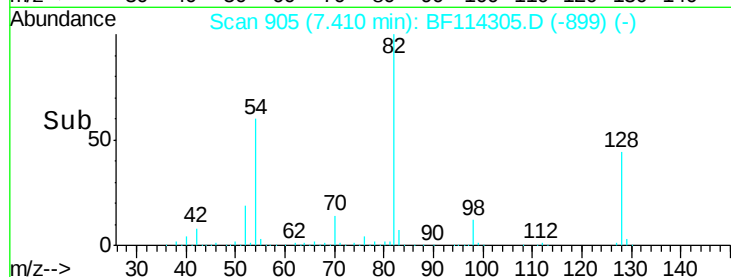
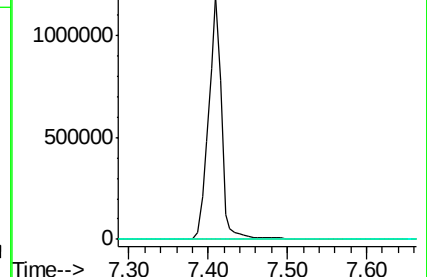
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.030 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.22 min

Lab File: BF114305.D

Acq: 16 May 2019 13:28

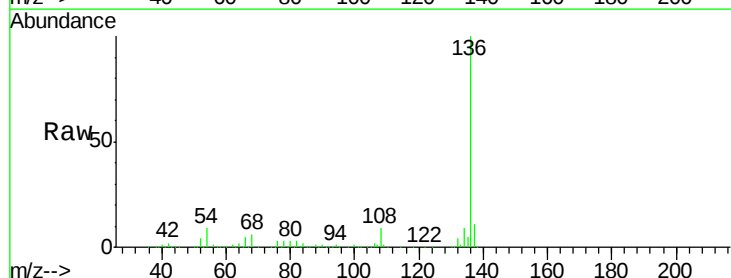
Tgt Ion: 122 Resp: 108

Ion Ratio Lower Upper

122 100

105 360.7 99.9 139.9#

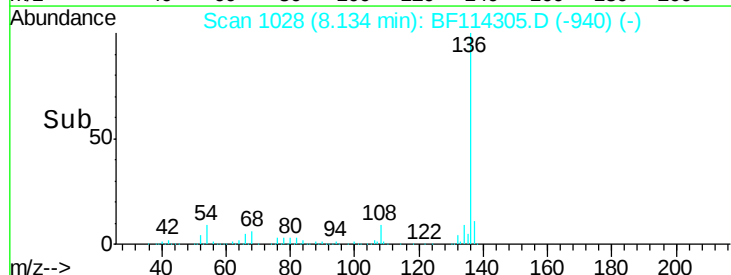
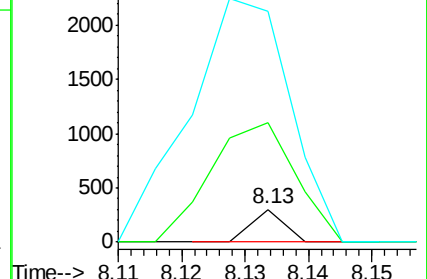
77 698.0 69.4 109.4#

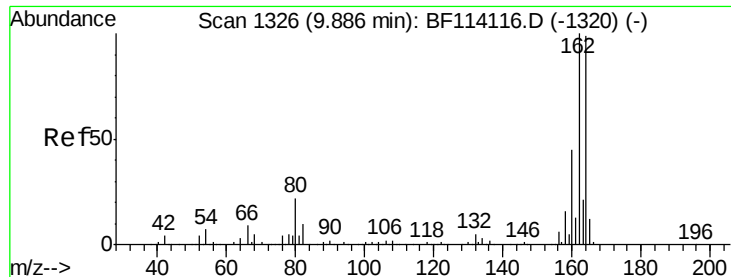


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

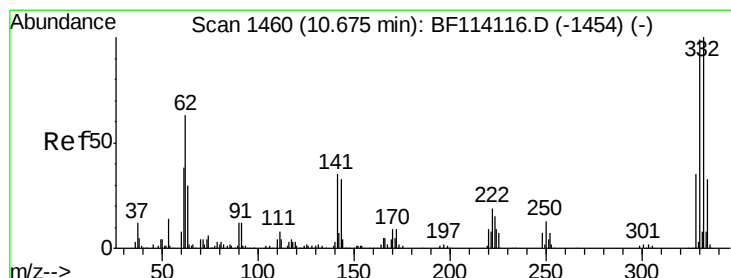
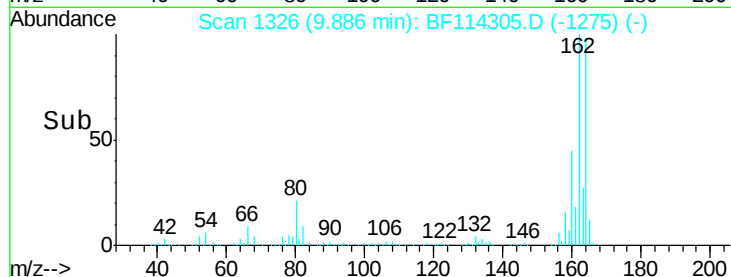
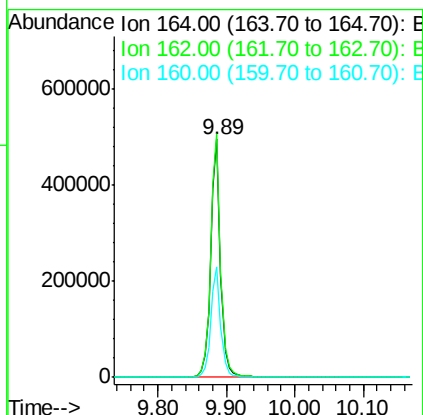
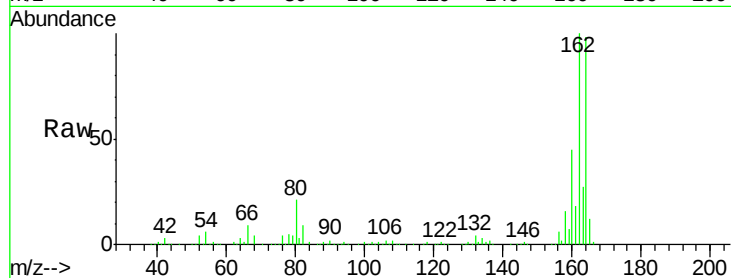




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114305.D
Acq: 16 May 2019 13:28

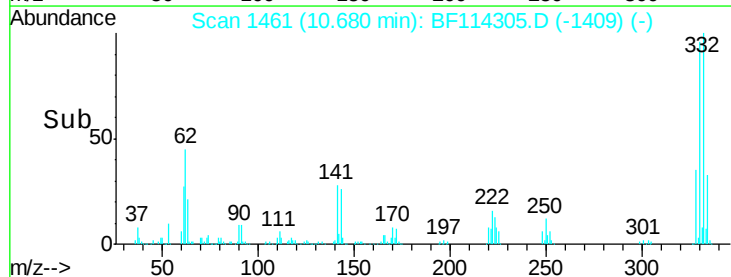
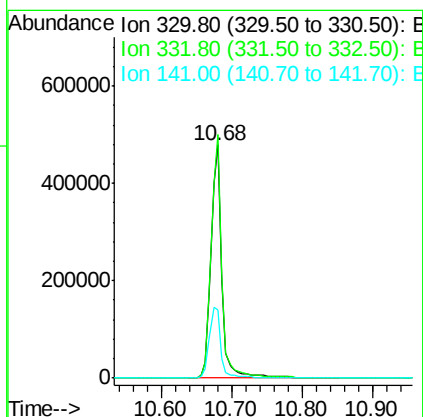
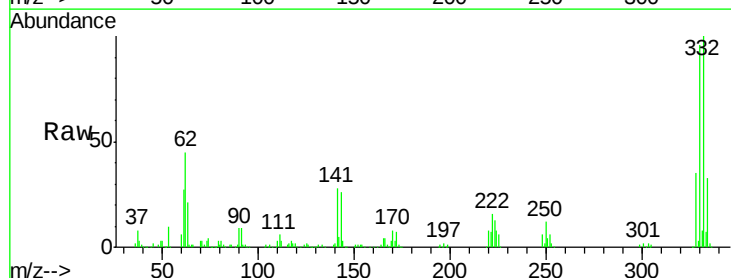
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PB119768BL

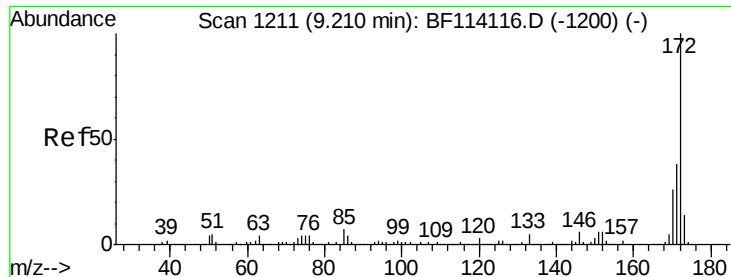
Tot Ion:164 Resp: 497906
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 46.5 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 100.672 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114305.D
Acq: 16 May 2019 13:28

Tgt Ion:330 Resp: 518208
Ion Ratio Lower Upper
330 100
332 103.1 81.4 122.2
141 32.6 26.6 40.0

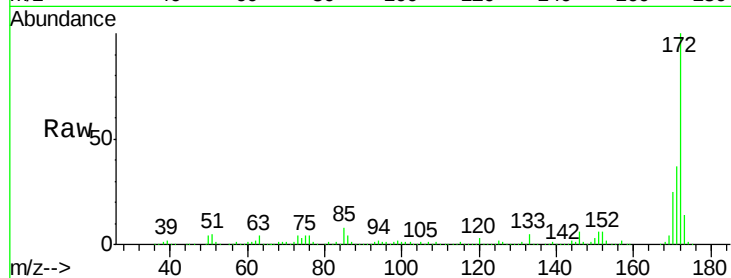




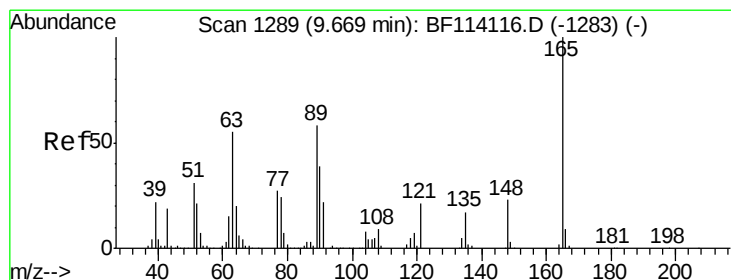
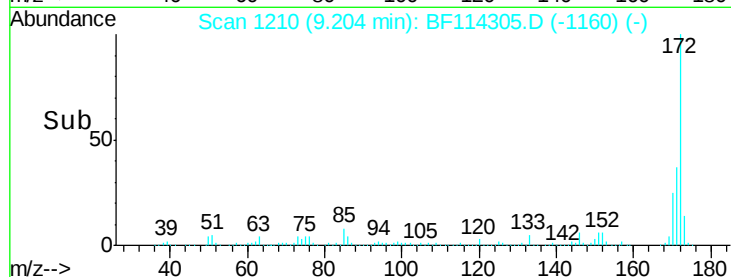
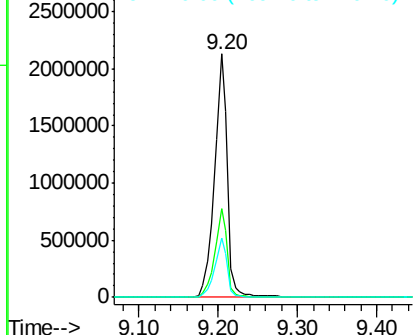
#45
 2-Fluorobiphenyl
 Concen: 72.859 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114305.D
 Acq: 16 May 2019 13:28

Instrument :
 BNA_F
 ClientSampled :
 PB119768BL

Tot Ion:172 Resp: 2398225
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.7 46.1
 170 24.6 20.5 30.7

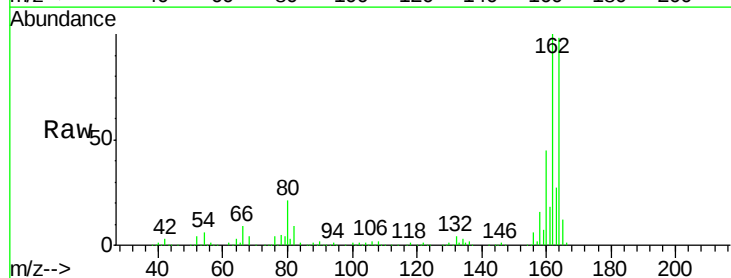


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

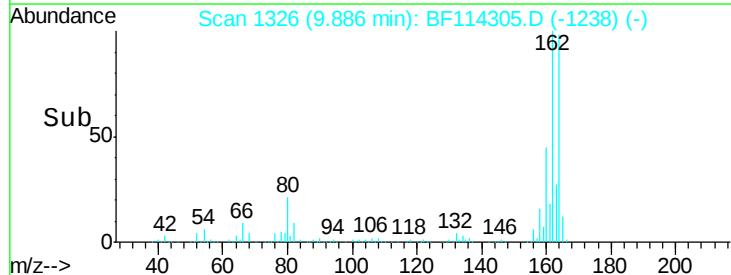
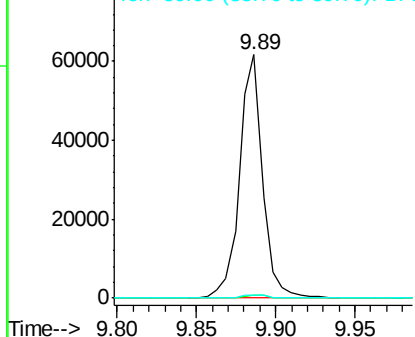


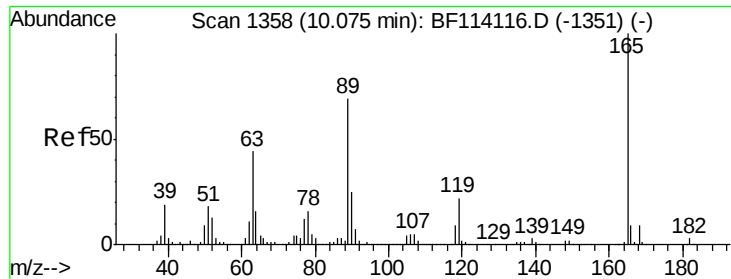
#51
 2,6-Dinitrotoluene
 Concen: 7.644 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.22 min
 Lab File: BF114305.D
 Acq: 16 May 2019 13:28

Tgt Ion:165 Resp: 61967
 Ion Ratio Lower Upper
 165 100
 63 1.5 50.2 75.4#
 89 1.0 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

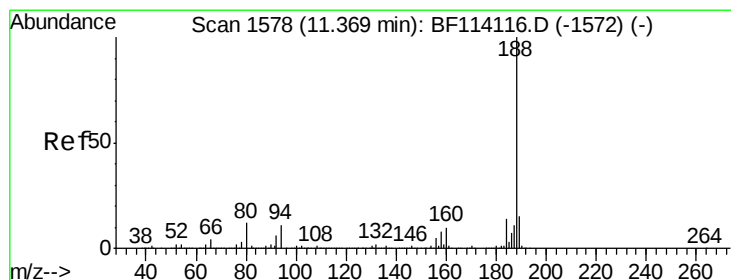
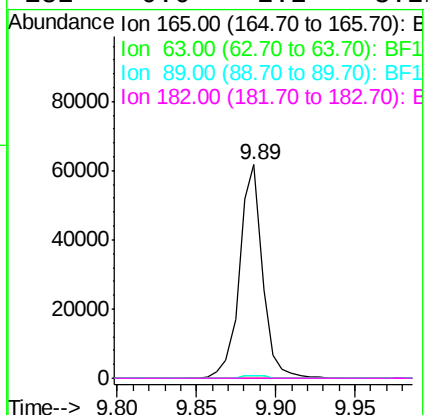
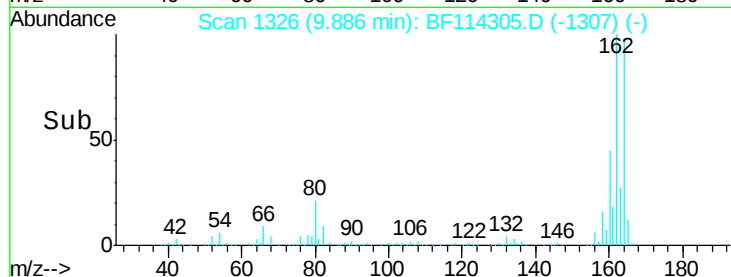
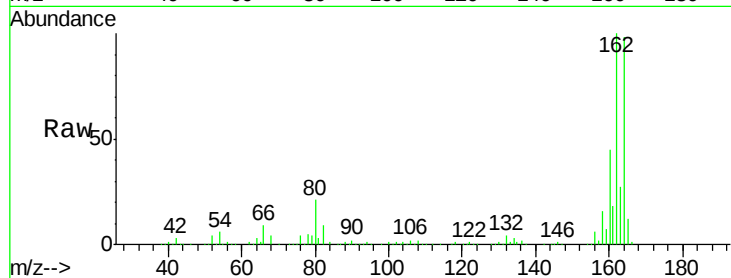




#57
 2,4-Dinitrotoluene
 Concen: 5.632 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114305.D
 Acq: 16 May 2019 13:28

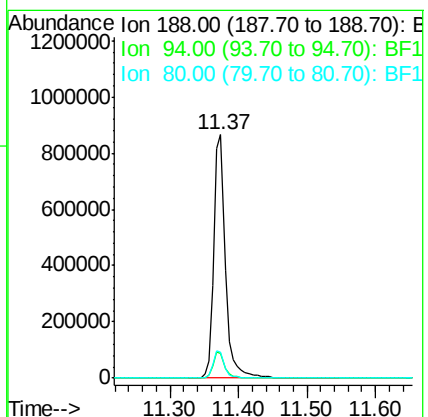
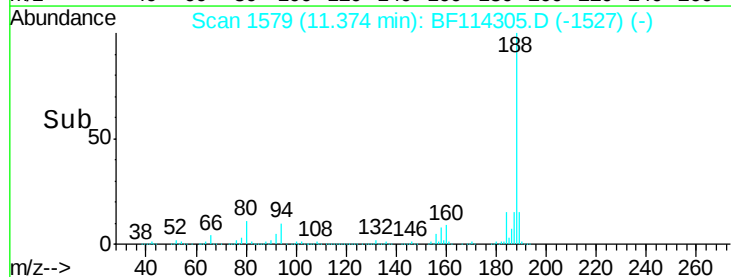
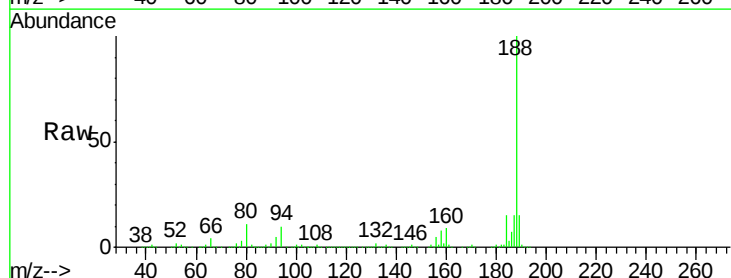
Instrument :
 BNA_F
 ClientSampleId :
 PB119768BL

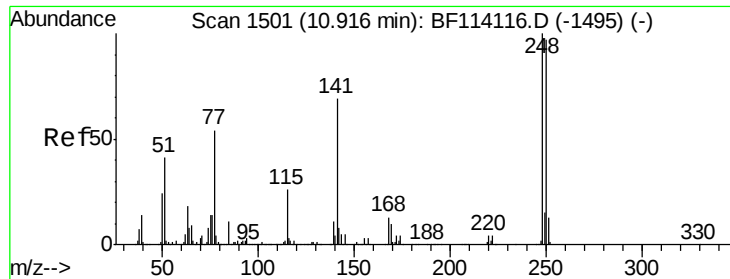
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.5	53.3#
89	1.0	55.2	82.8#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: BF114305.D
 Acq: 16 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	10.6	9.2	13.8

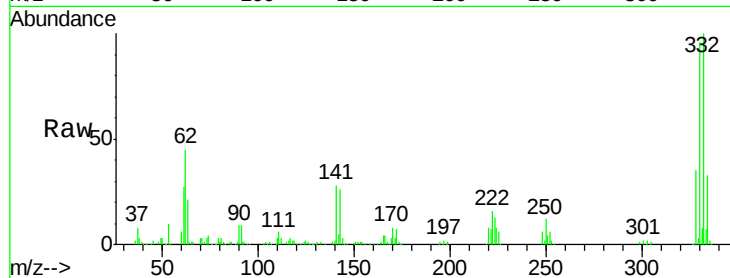




#67
4-Bromophenyl-phenylether
Concen: 2.998 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF114305.D
Acq: 16 May 2019 13:28

Instrument :
BNA_F
ClientSampleId :
PB119768BL

Tot Ion	Ratio	Lower	Upper
248	100		
250	200.9	77.4	116.2#
141	459.6	55.6	83.4#

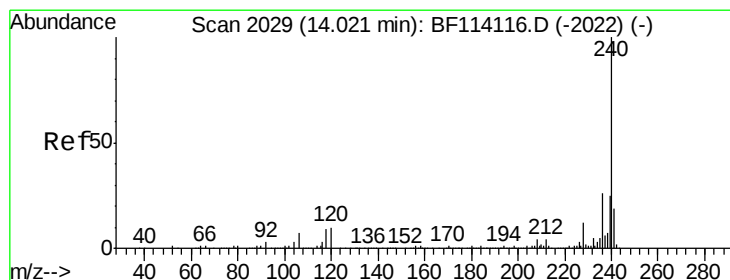
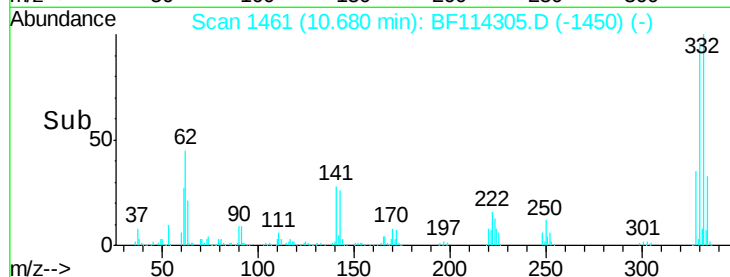
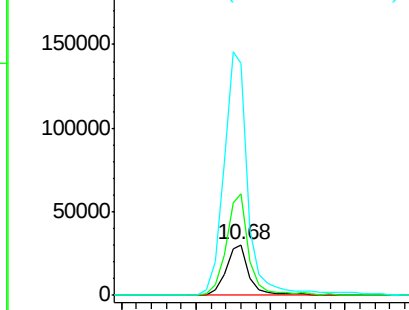


Abundance

Ion 248.00 (247.70 to 248.70): E

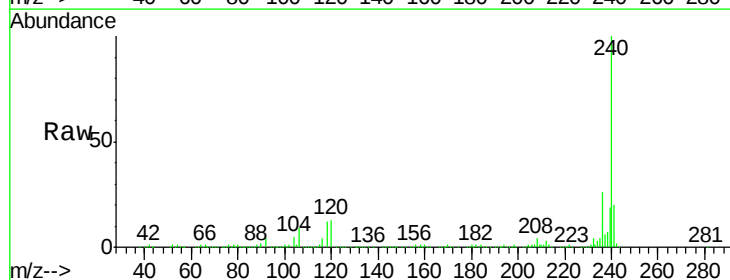
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114305.D
Acq: 16 May 2019 13:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.3	12.5#
236	26.2	20.8	31.2

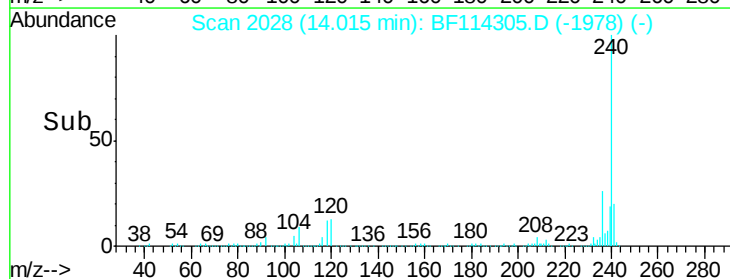
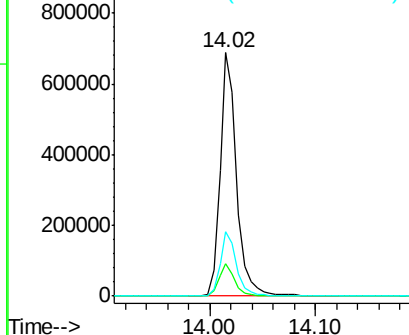


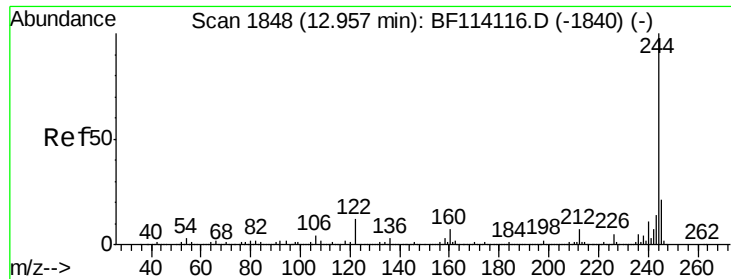
Abundance

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

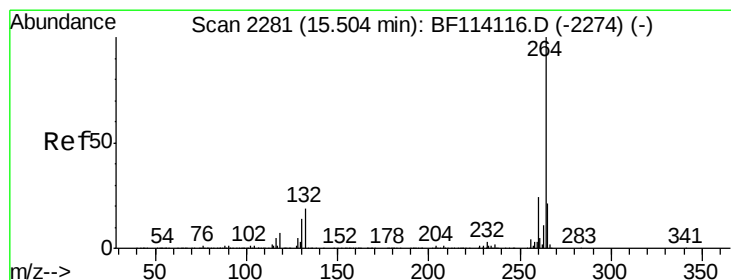
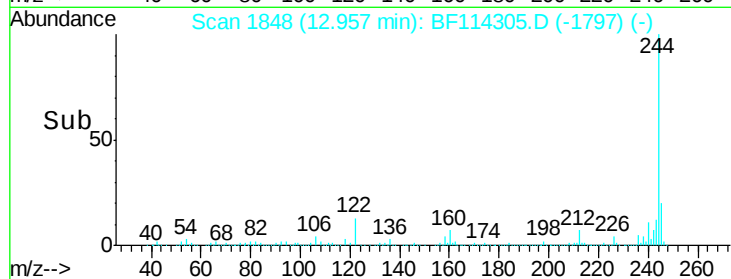
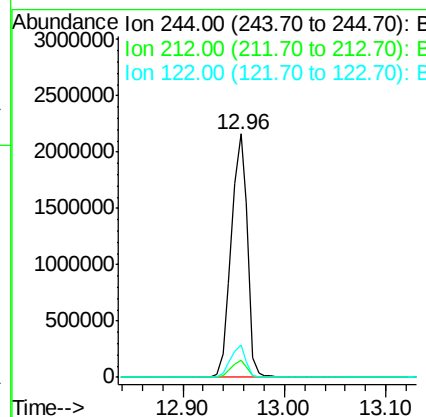
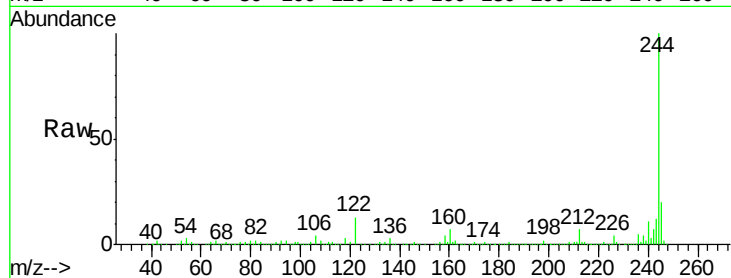




#79
 Terphenyl-d14
 Concen: 65.473 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114305.D
 Acq: 16 May 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB119768BL

Tot Ion:244 Resp: 2392877
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.1 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF114305.D
 Acq: 16 May 2019 13:28

Tgt Ion:264 Resp: 722568
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.0
 265 21.4 16.9 25.3

