

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114347.D
 Acq On : 17 May 2019 14:08
 Operator : JU/SJ
 Sample : K2866-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:00:38 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

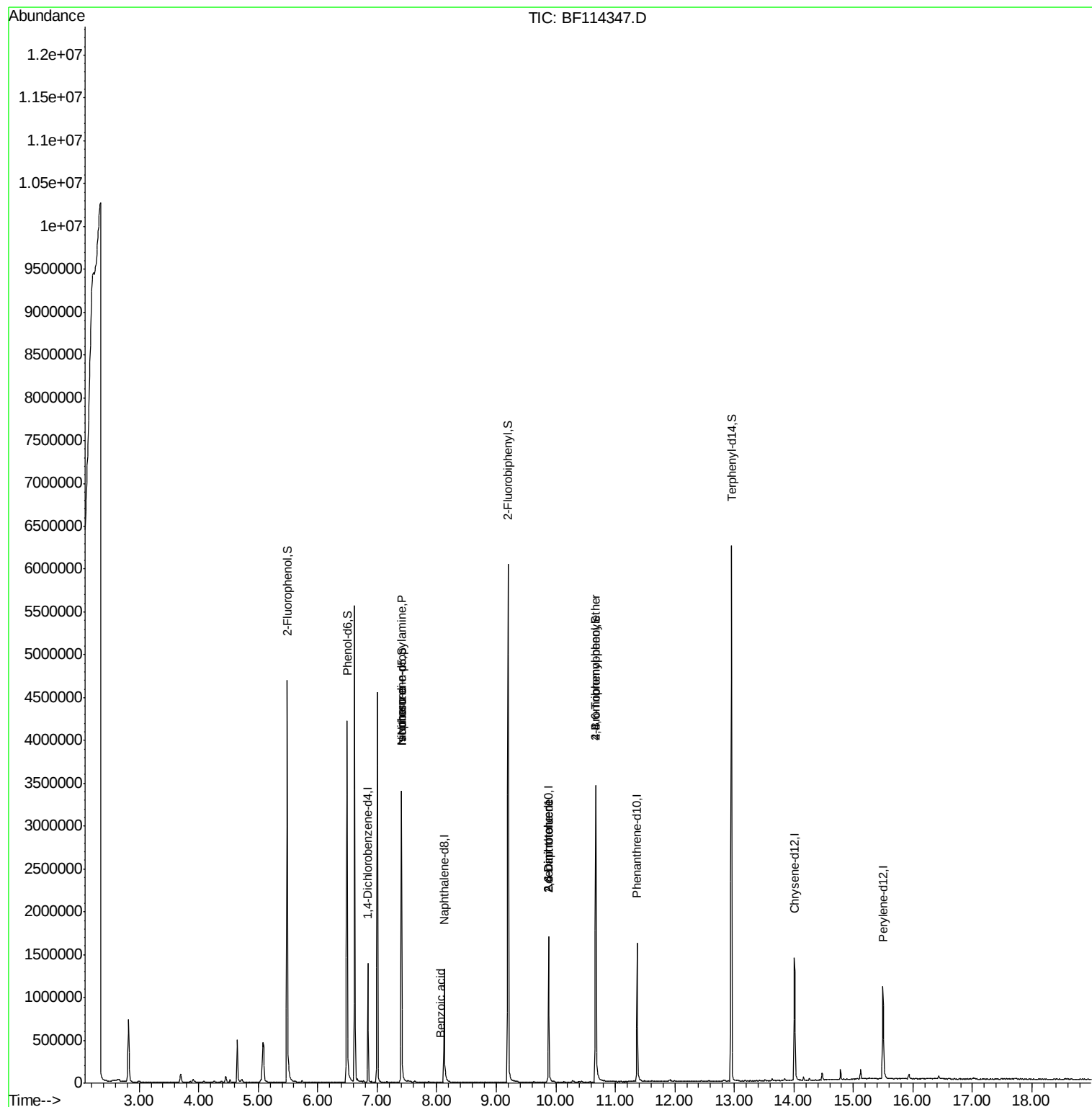
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	191039	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	722186	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	341775	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	723878	20.00	ng	0.00
76) Chrysene-d12	14.01	240	559556	20.00	ng	-0.01
87) Perylene-d12	15.50	264	538907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1324374	111.56	ng	0.00
7) Phenol-d6	6.49	99	1539765	109.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	1199847	93.24	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	496927	140.64	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2026743	89.70	ng	-0.01
79) Terphenyl-d14	12.95	244	2322788	85.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	159274	17.897	ng	# 75
25) Isophorone	7.41	82	1199832	50.273	ng	# 64
32) Benzoic acid	8.06	122	111	7.034	ng	# 80
51) 2,6-Dinitrotoluene	9.88	165	42824	7.695	ng	# 23
57) 2,4-Dinitrotoluene	9.88	165	42825	5.670	ng	# 26
67) 4-Bromophenyl-phenylether	10.67	248	32430	4.069	ng	# 1

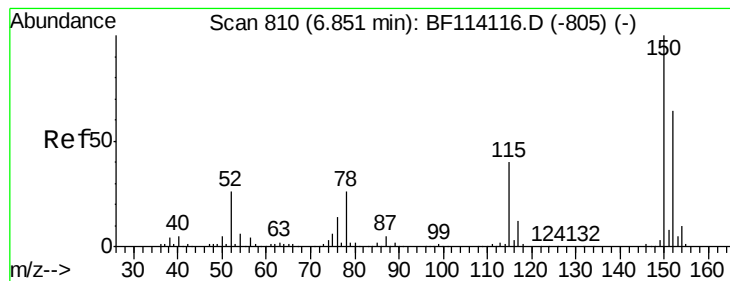
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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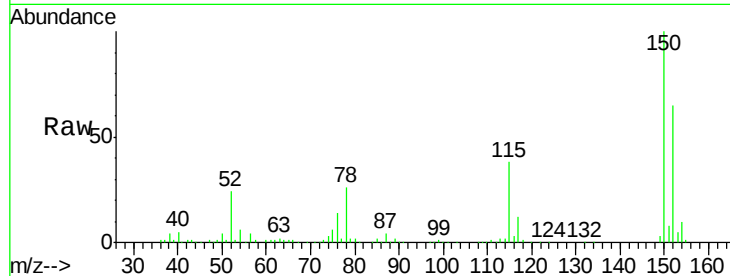


#1

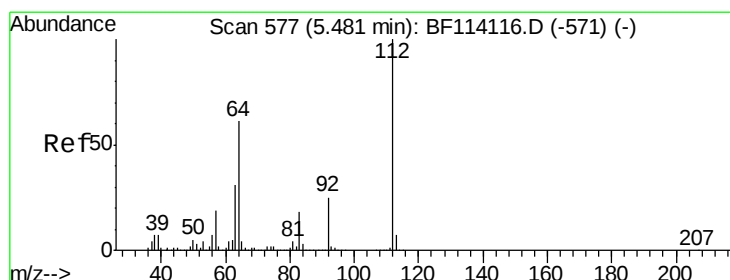
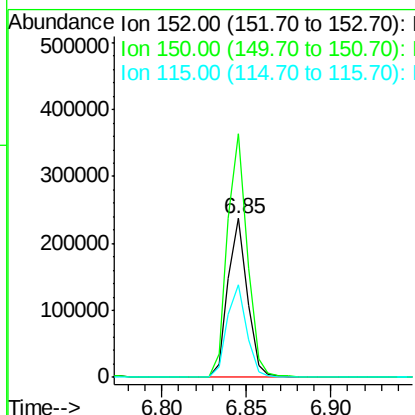
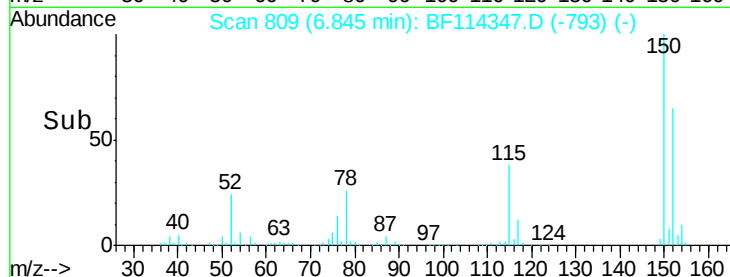
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114347.D
Acq: 17 May 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 191039
Ion Ratio Lower Upper
152 100
150 153.1 124.3 186.5
115 57.8 49.1 73.7



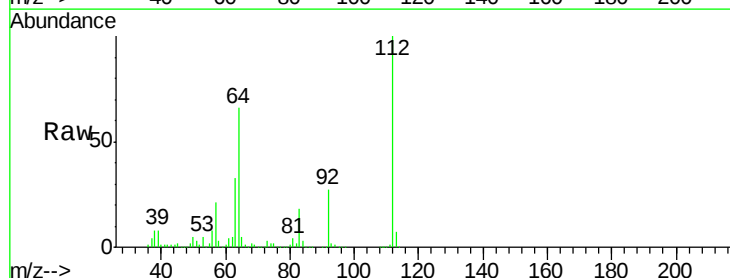
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



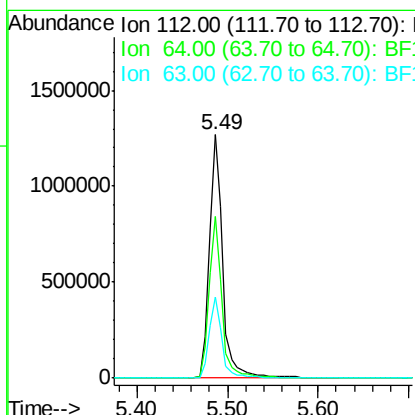
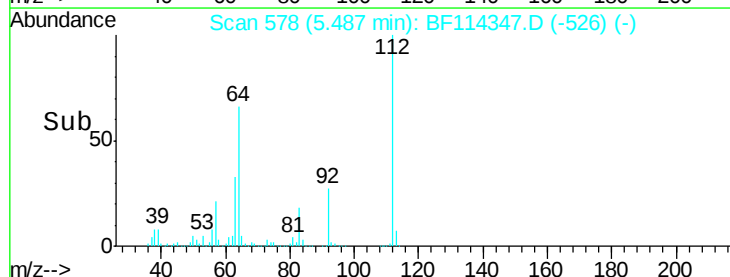
#5

2-Fluorophenol
Concen: 111.562 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114347.D
Acq: 17 May 2019 14:08

Tgt Ion:112 Resp: 1324374
Ion Ratio Lower Upper
112 100
64 66.2 49.0 73.6
63 33.1 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: 109.666 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114347.D

Acq: 17 May 2019 14:08

Instrument :

BNA_F

ClientSampleId :

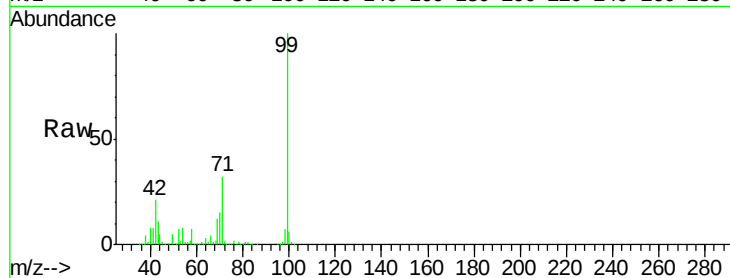
Tot Ion: 99 Resp: 1539765

Ion Ratio Lower Upper

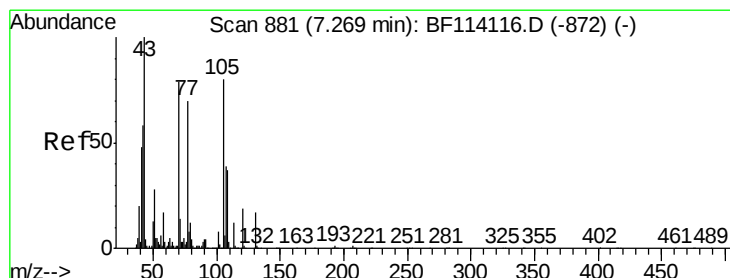
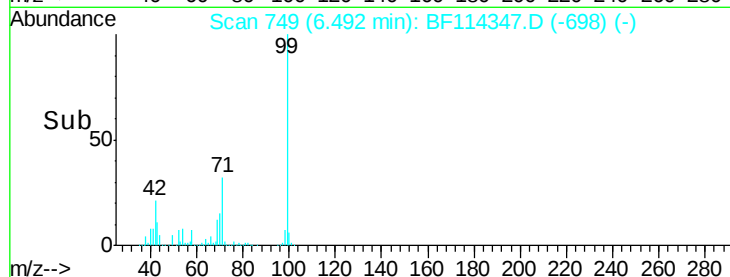
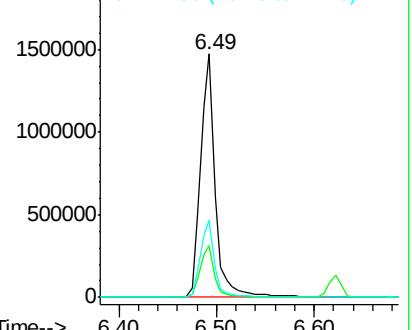
99 100

42 21.3 17.9 26.9

71 31.8 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: 17.897 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114347.D

Acq: 17 May 2019 14:08

Tgt Ion: 70 Resp: 159274

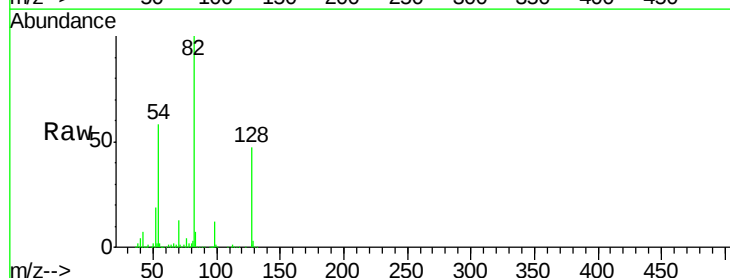
Ion Ratio Lower Upper

70 100

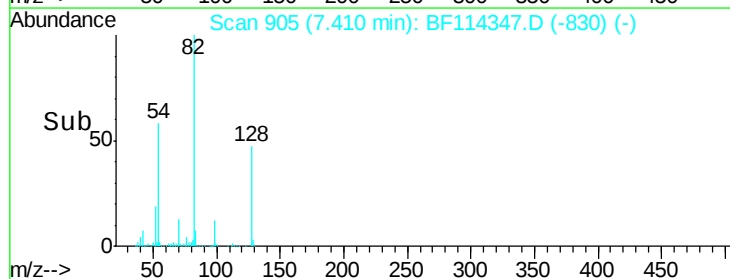
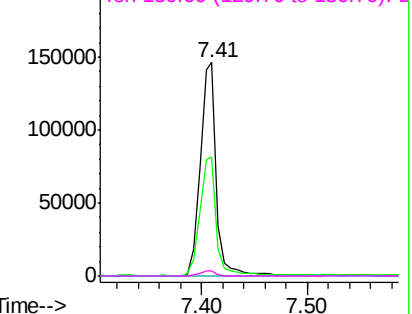
42 55.8 58.6 87.8#

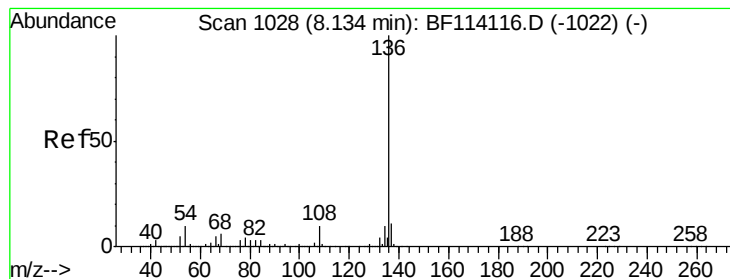
101 0.0 7.8 11.8#

130 2.3 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: BF114347.D

Acq: 17 May 2019 14:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 722186

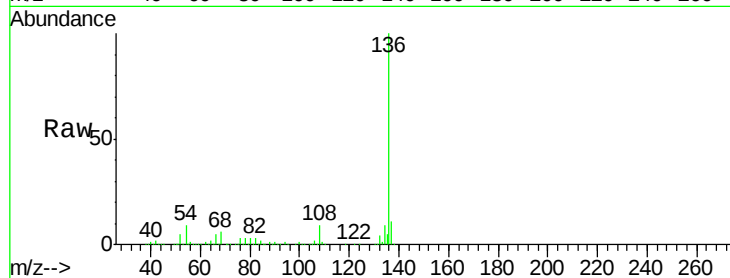
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.2 7.8 11.8

68 5.9 5.1 7.7

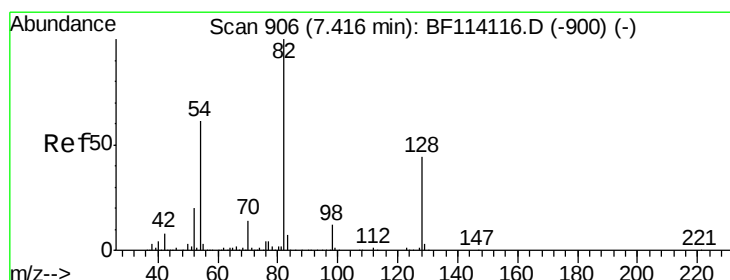
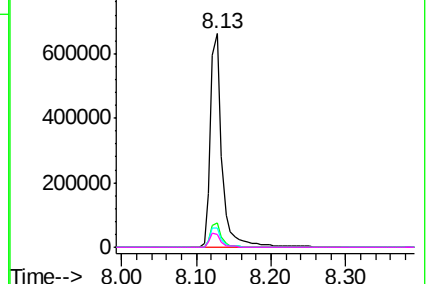
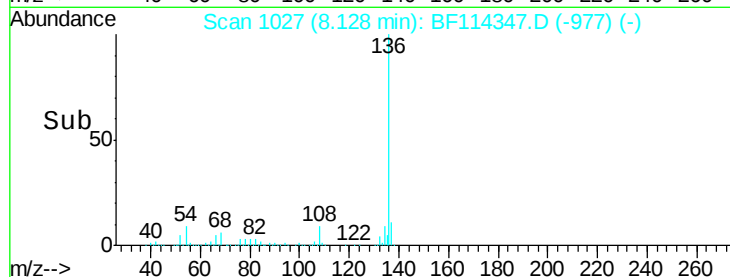


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.238 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114347.D

Acq: 17 May 2019 14:08

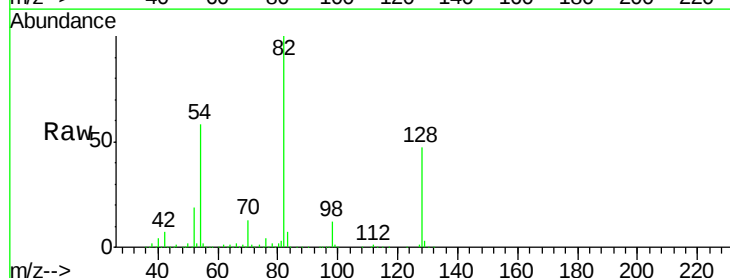
Tgt Ion: 82 Resp: 1199847

Ion Ratio Lower Upper

82 100

128 46.6 35.5 53.3

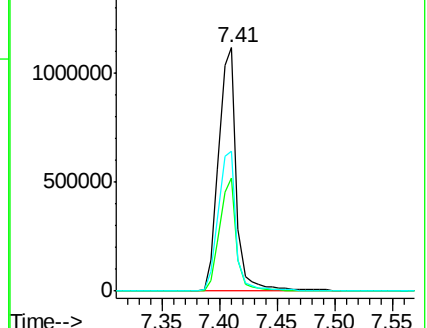
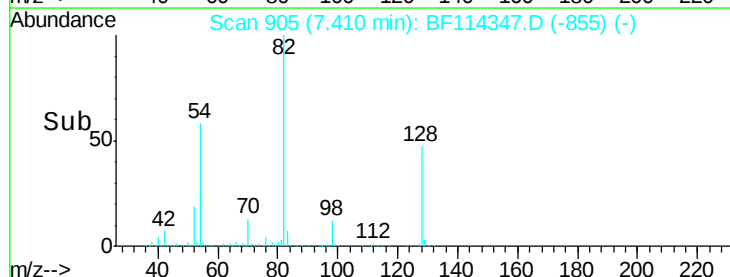
54 57.7 48.5 72.7



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: 50.273 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114347.D

Acq: 17 May 2019 14:08

Instrument :

BNA_F

ClientSampleId :

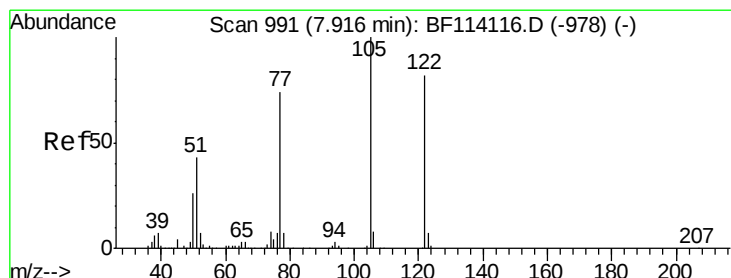
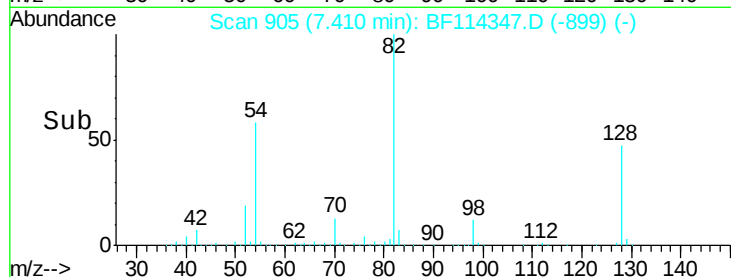
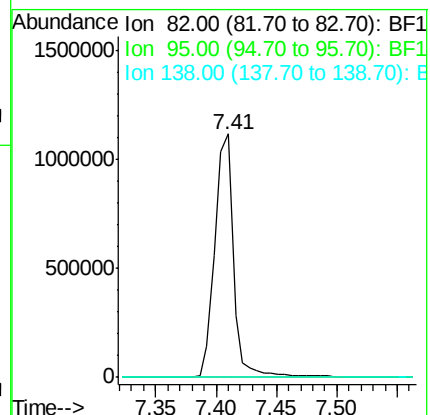
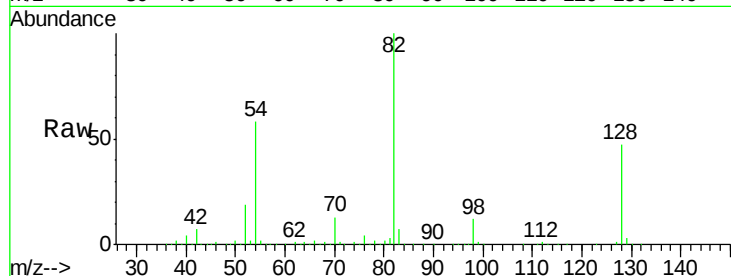
Tot Ion: 82 Resp: 1199832

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.034 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.15 min

Lab File: BF114347.D

Acq: 17 May 2019 14:08

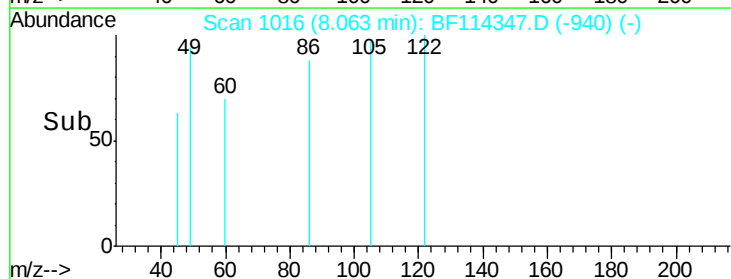
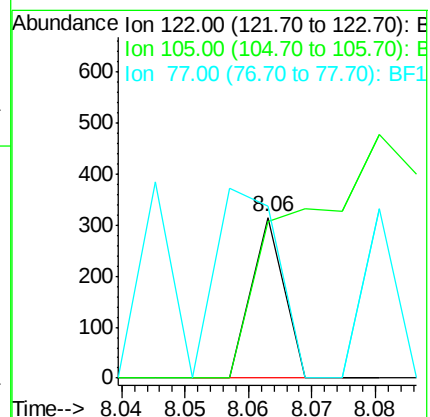
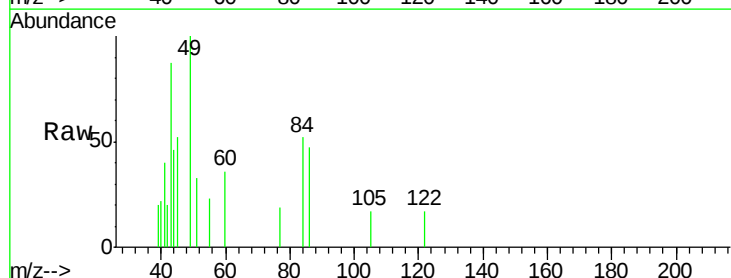
Tgt Ion: 122 Resp: 111

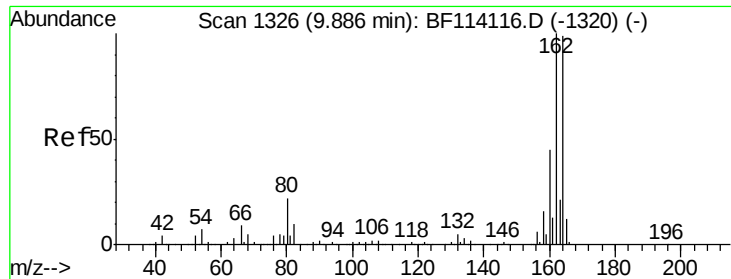
Ion Ratio Lower Upper

122 100

105 97.1 99.9 139.9#

77 106.7 69.4 109.4

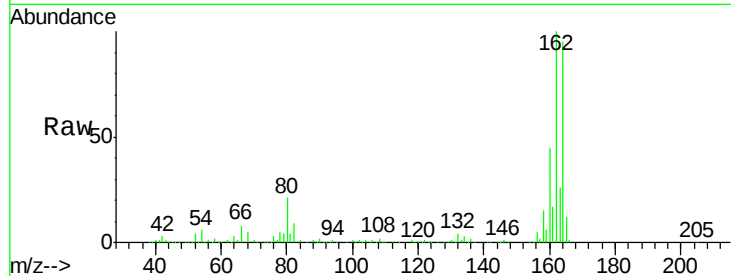




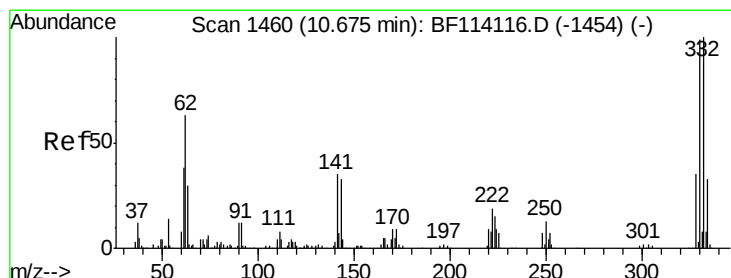
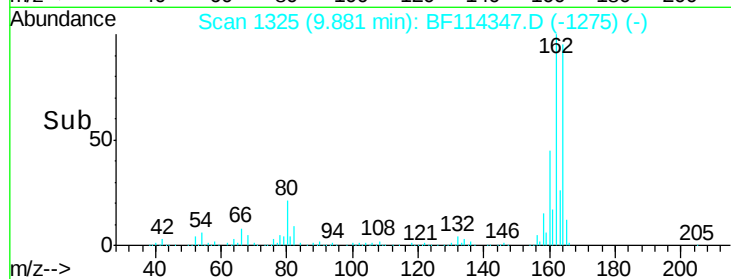
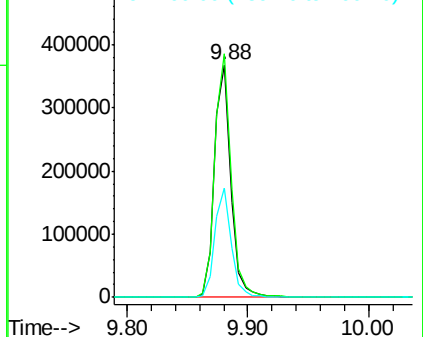
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114347.D
 Acq: 17 May 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.6	120.8
160	46.9	36.5	54.7

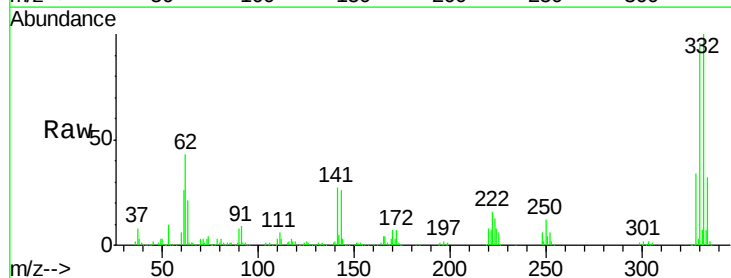


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

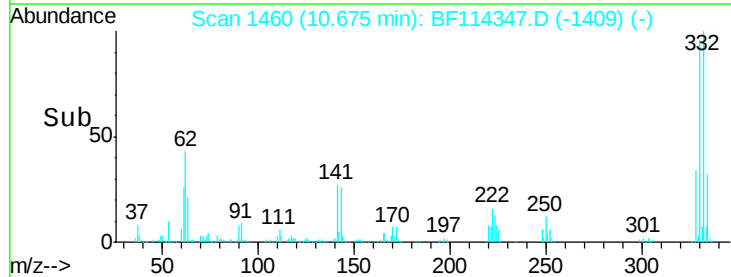
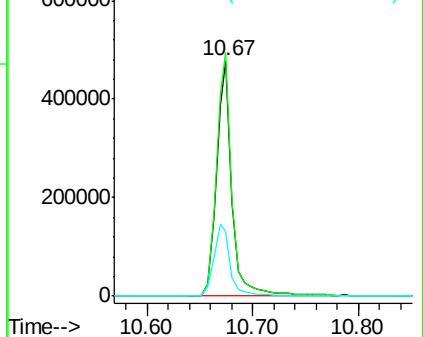


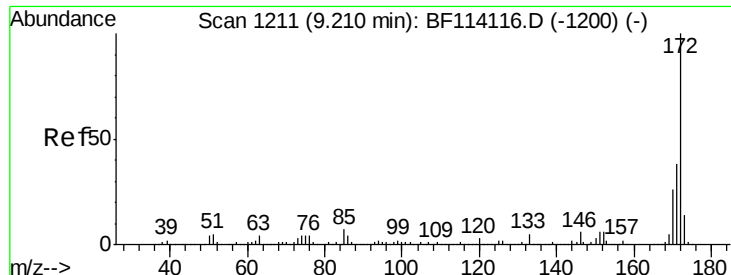
#42
 2,4,6-Tribromophenol
 Concen: 140.638 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF114347.D
 Acq: 17 May 2019 14:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	105.6	81.4	122.2
141	32.9	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

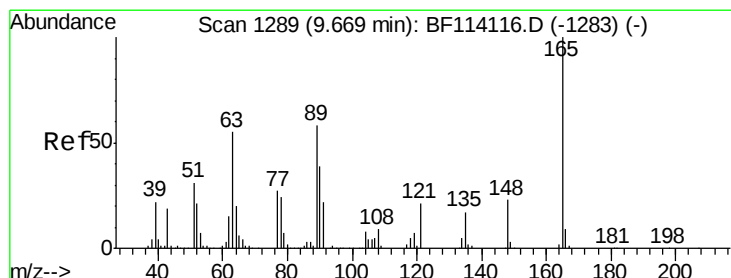
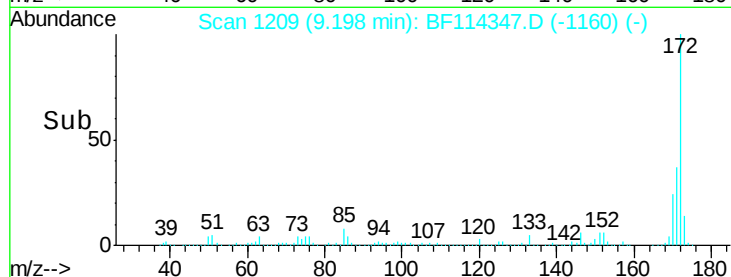
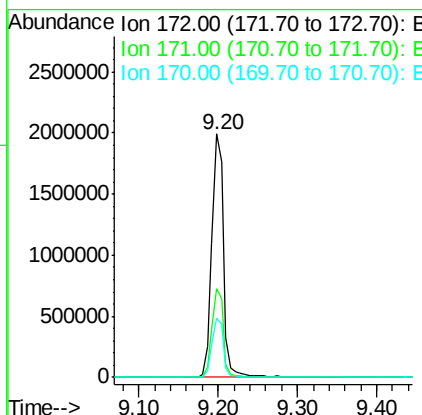
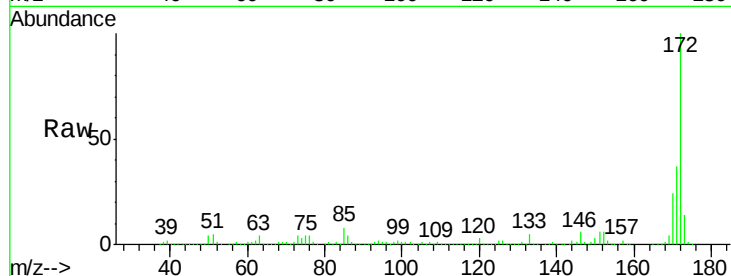




#45
 2-Fluorobiphenyl
 Concen: 89.702 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF114347.D
 Acq: 17 May 2019 14:08

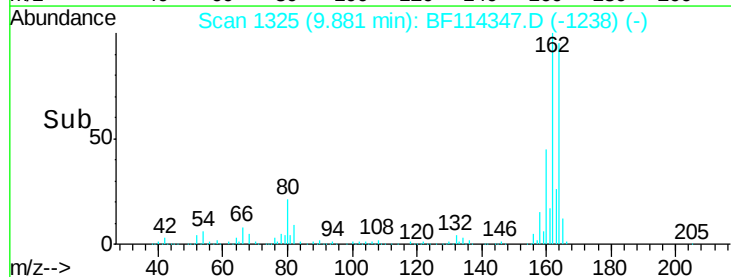
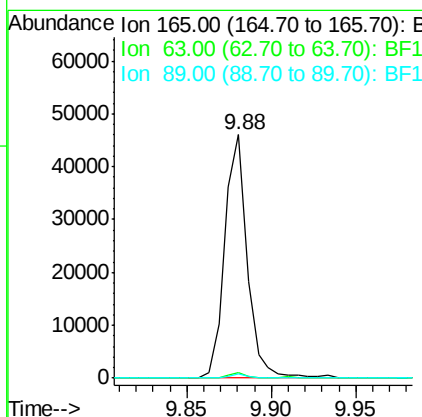
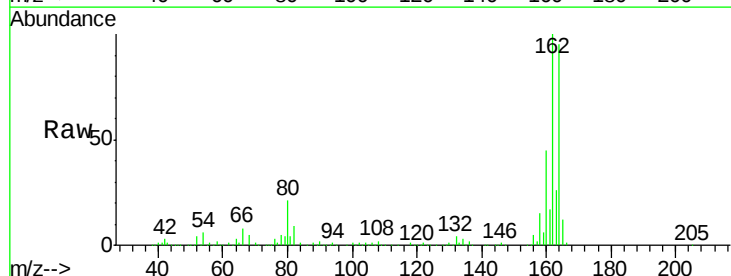
Instrument :
 BNA_F
 ClientSampleId :

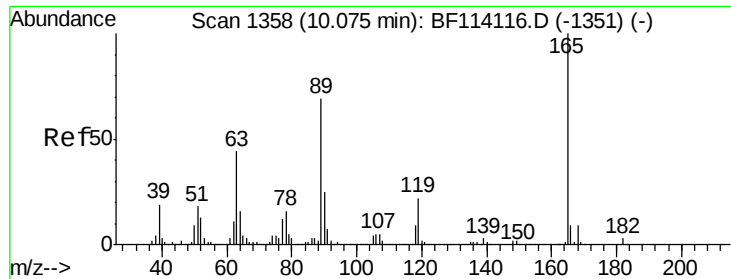
Tot Ion:172 Resp: 2026743
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.7 46.1
 170 24.1 20.5 30.7



#51
 2,6-Dinitrotoluene
 Concen: 7.695 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF114347.D
 Acq: 17 May 2019 14:08

Tgt Ion:165 Resp: 42824
 Ion Ratio Lower Upper
 165 100
 63 2.2 50.2 75.4#
 89 1.6 46.6 69.8#

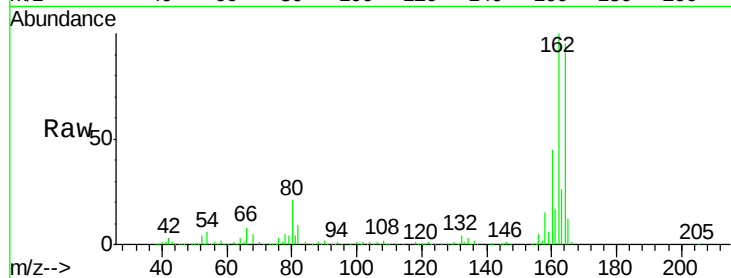




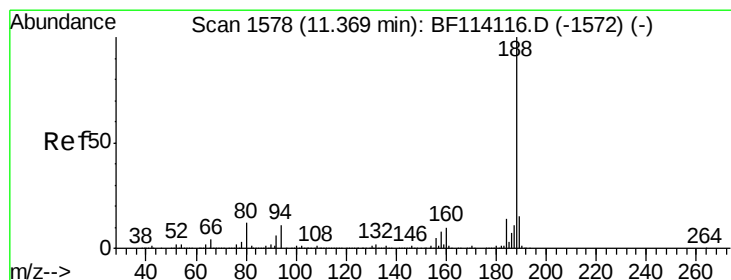
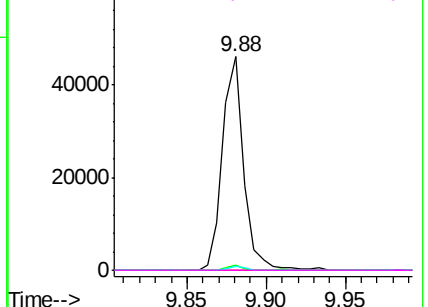
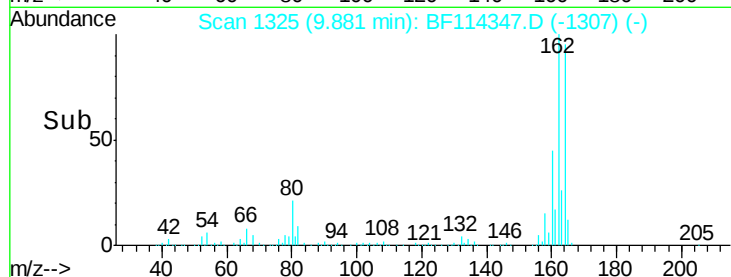
#57
 2,4-Dinitrotoluene
 Concen: 5.670 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114347.D
 Acq: 17 May 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 42825
 Ion Ratio Lower Upper
 165 100
 63 2.2 35.5 53.3#
 89 1.6 55.2 82.8#
 182 0.0 2.2 3.2#

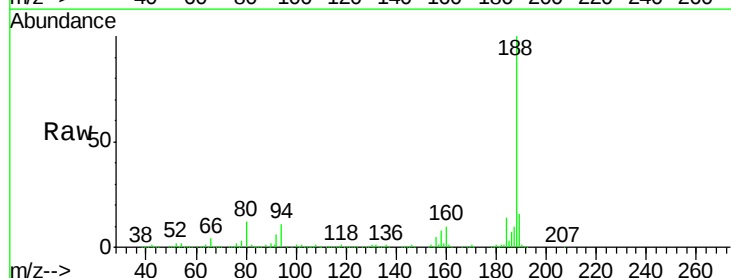


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

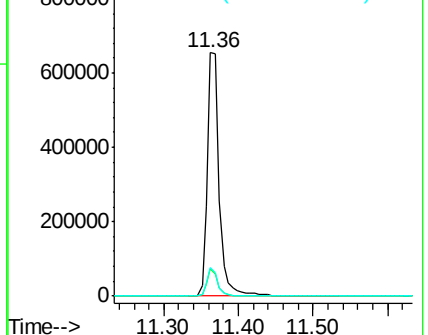
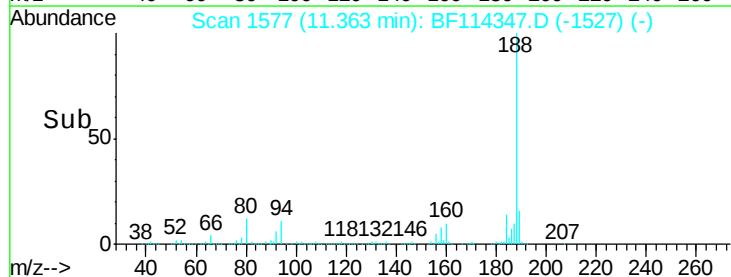


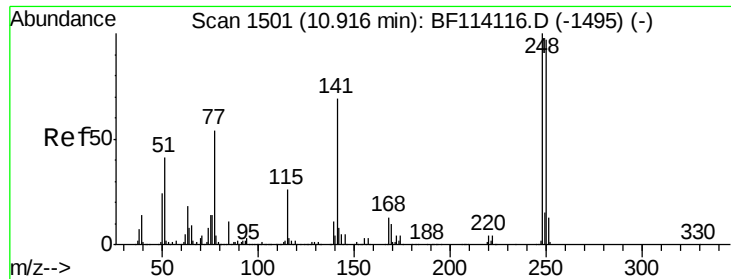
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF114347.D
 Acq: 17 May 2019 14:08

Tgt Ion:188 Resp: 723878
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.4 12.6
 80 12.0 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

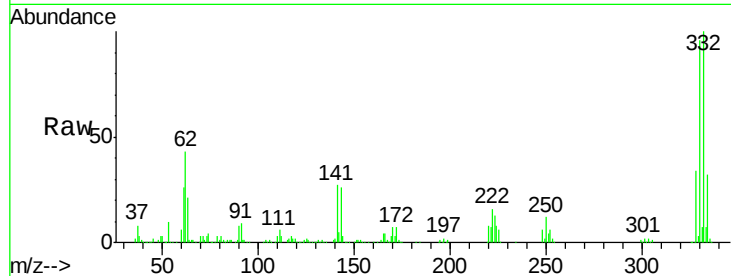




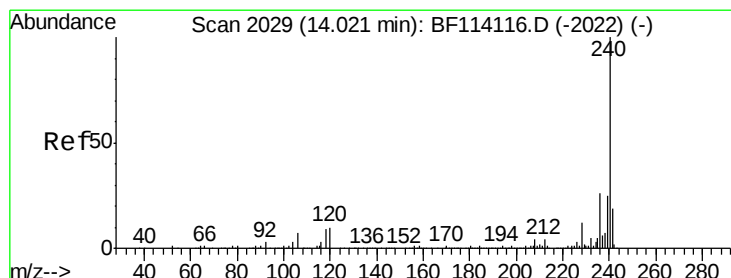
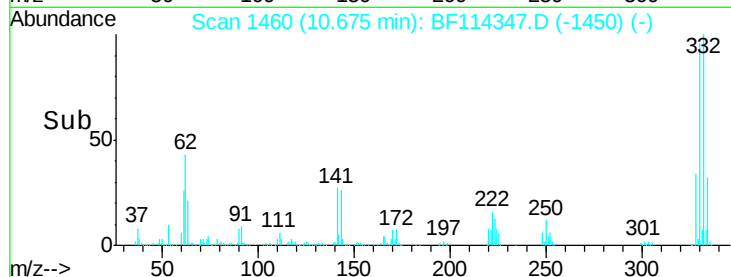
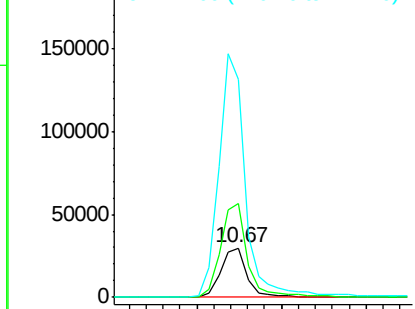
#67
 4-Bromophenyl-phenylether
 Concen: 4.069 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF114347.D
 Acq: 17 May 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 32430
 Ion Ratio Lower Upper
 248 100
 250 191.1 77.4 116.2#
 141 439.9 55.6 83.4#

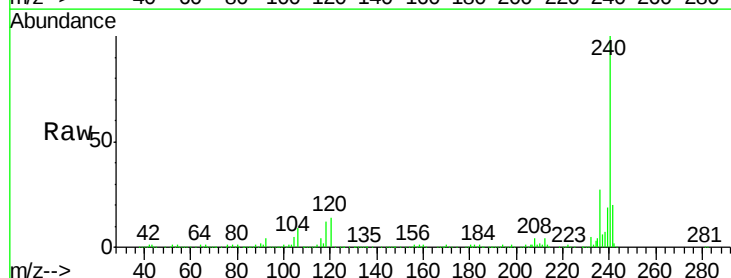


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

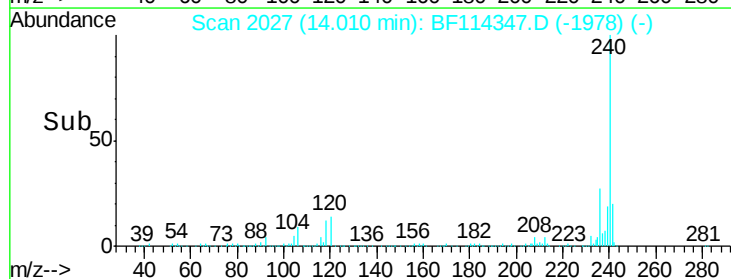
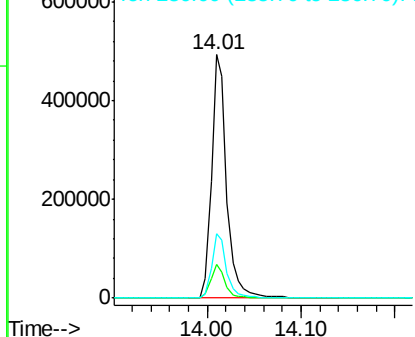


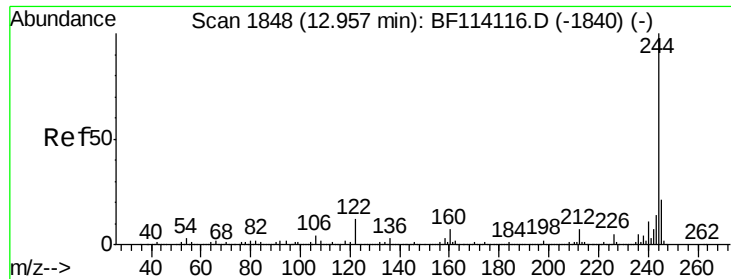
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF114347.D
 Acq: 17 May 2019 14:08

Tgt Ion:240 Resp: 559556
 Ion Ratio Lower Upper
 240 100
 120 13.6 8.3 12.5#
 236 26.6 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

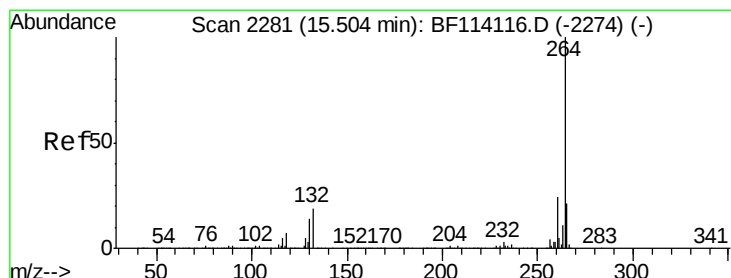
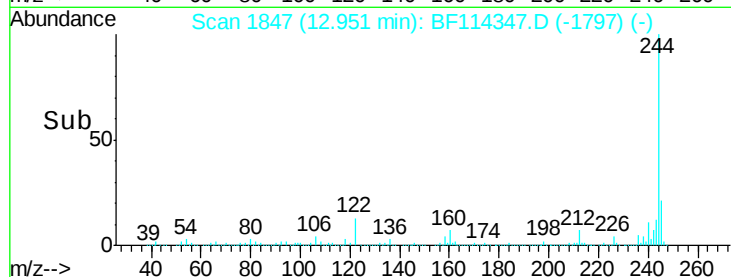
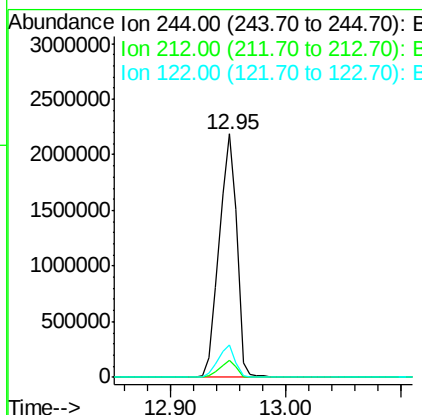
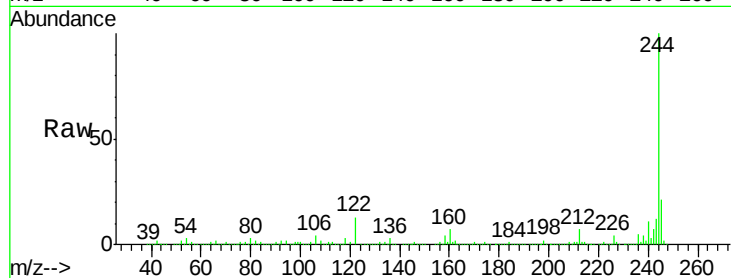




#79
 Terphenyl-d14
 Concen: 85.573 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114347.D
 Acq: 17 May 2019 14:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2322788
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 13.1 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF114347.D
 Acq: 17 May 2019 14:08

Tgt Ion:264 Resp: 538907
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.0
 265 22.6 16.9 25.3

