

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114346.D
 Acq On : 17 May 2019 13:41
 Operator : JU/SJ
 Sample : K2866-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:59:33 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

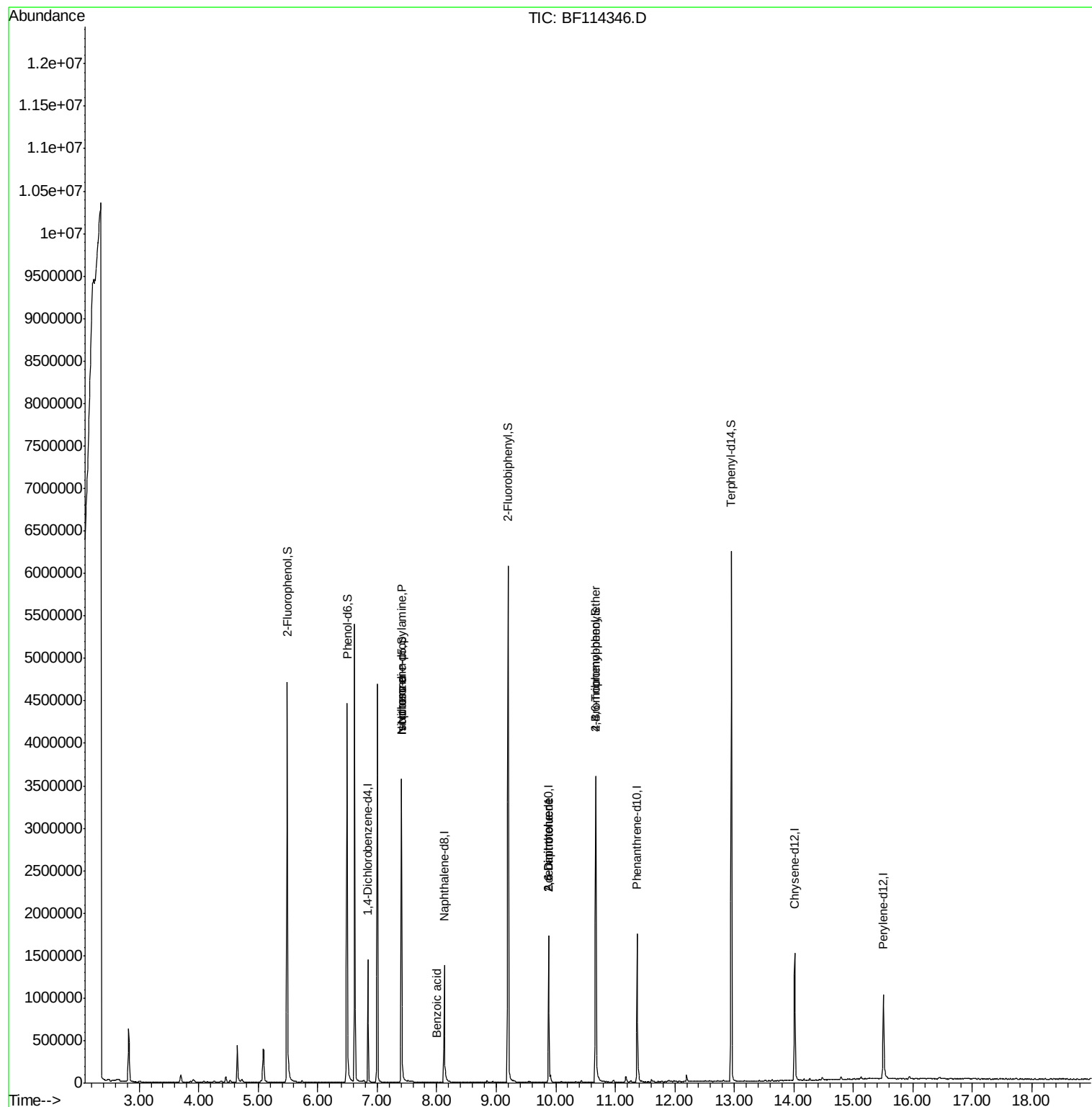
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	197386	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	750164	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	360118	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	739977	20.00	ng	0.00
76) Chrysene-d12	14.02	240	570330	20.00	ng	0.00
87) Perylene-d12	15.50	264	549247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1366797	111.43	ng	0.00
7) Phenol-d6	6.49	99	1598740	110.21	ng	0.00
23) Nitrobenzene-d5	7.41	82	1236293	92.49	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	505797	135.86	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2076682	87.23	ng	-0.01
79) Terphenyl-d14	12.95	244	2363550	85.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	161170	17.528	ng	# 75
25) Isophorone	7.41	82	1236283	49.869	ng	# 64
32) Benzoic acid	7.99	122	140	7.037	ng	90
51) 2,6-Dinitrotoluene	9.88	165	45628	7.782	ng	# 22
57) 2,4-Dinitrotoluene	9.88	165	45628	5.733	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	33528	4.115	ng	# 1

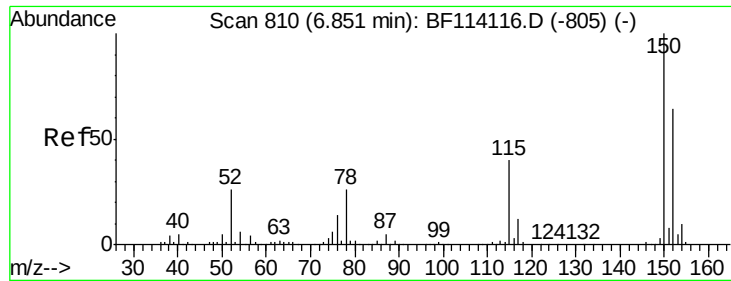
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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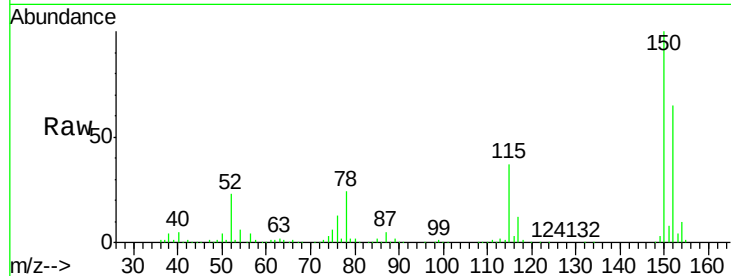


#1

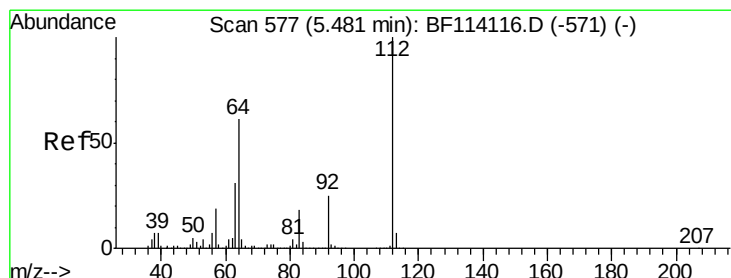
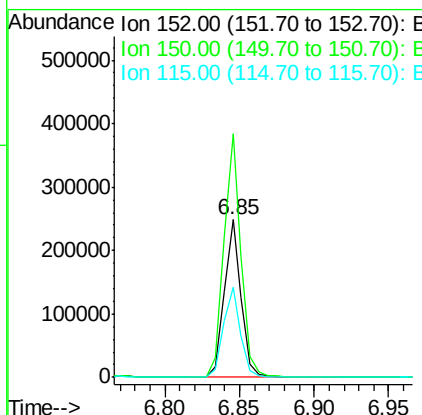
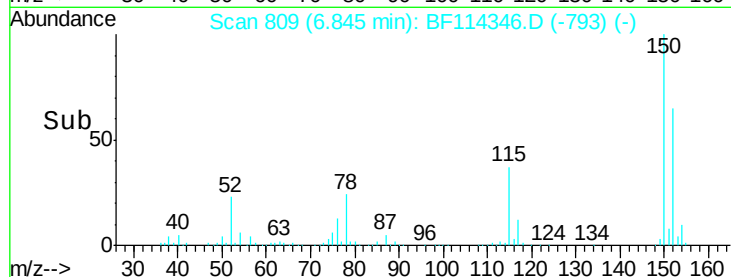
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114346.D
Acq: 17 May 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 197386
Ion Ratio Lower Upper
152 100
150 154.3 124.3 186.5
115 57.2 49.1 73.7



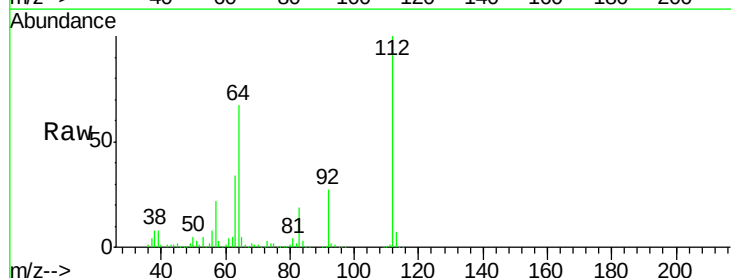
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



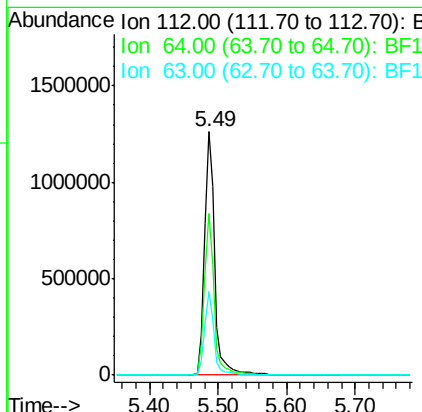
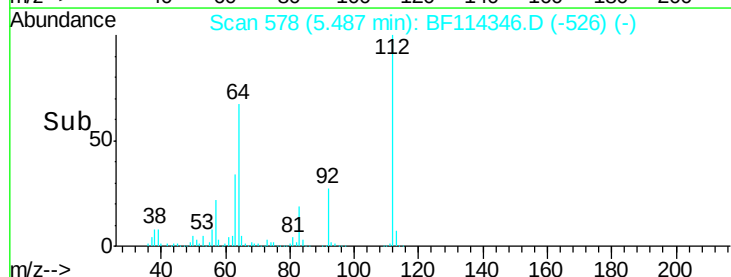
#5

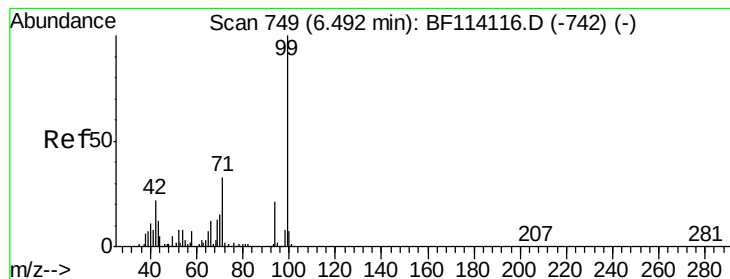
2-Fluorophenol
Concen: 111.433 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114346.D
Acq: 17 May 2019 13:41

Tgt Ion:112 Resp: 1366797
Ion Ratio Lower Upper
112 100
64 66.5 49.0 73.6
63 34.2 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: 110.205 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114346.D

Acq: 17 May 2019 13:41

Instrument :

BNA_F

ClientSampleId :

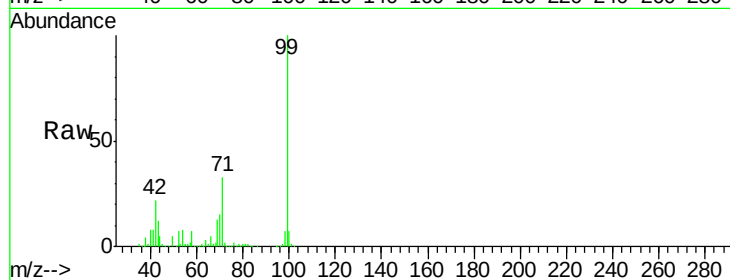
Tot Ion: 99 Resp: 1598740

Ion Ratio Lower Upper

99 100

42 21.9 17.9 26.9

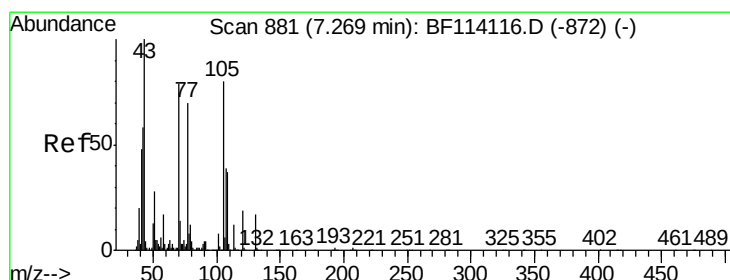
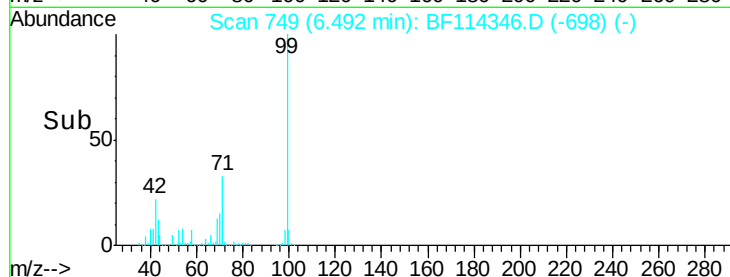
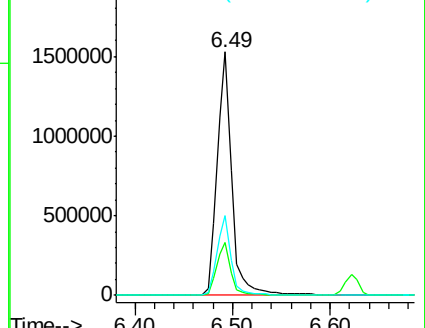
71 32.6 26.2 39.2



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: 17.528 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114346.D

Acq: 17 May 2019 13:41

Tgt Ion: 70 Resp: 161170

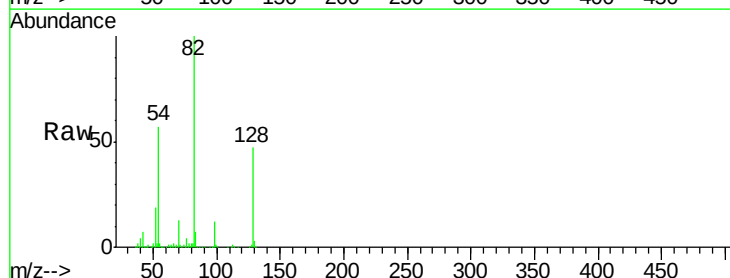
Ion Ratio Lower Upper

70 100

42 56.6 58.6 87.8#

101 0.0 7.8 11.8#

130 1.9 17.1 25.7#

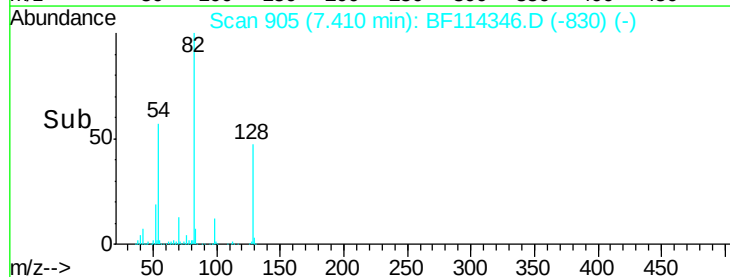
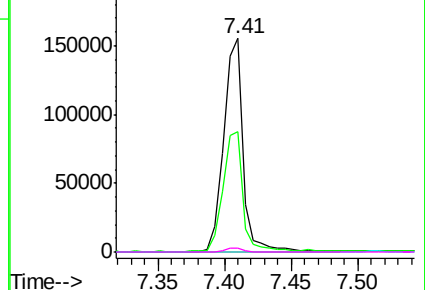


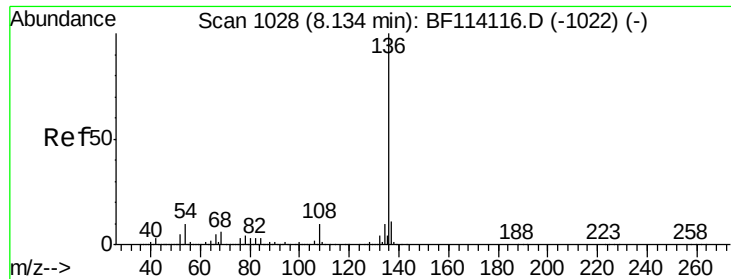
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

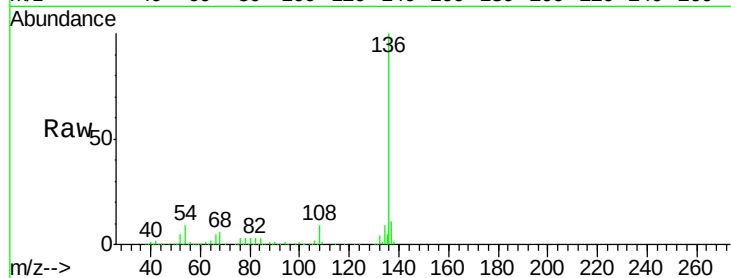




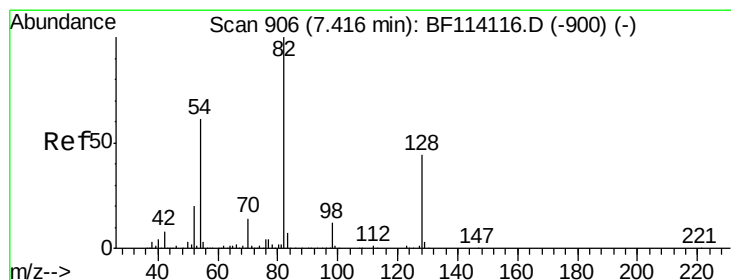
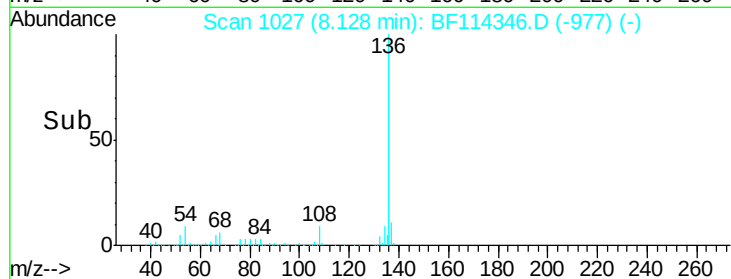
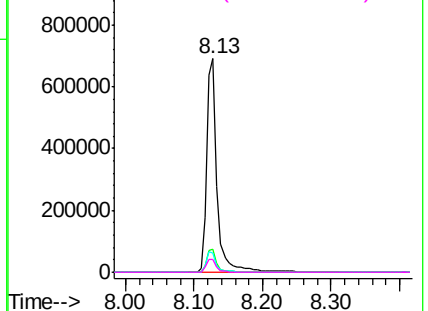
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114346.D
Acq: 17 May 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	750164
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	8.9	7.8 11.8
68	6.2	5.1 7.7

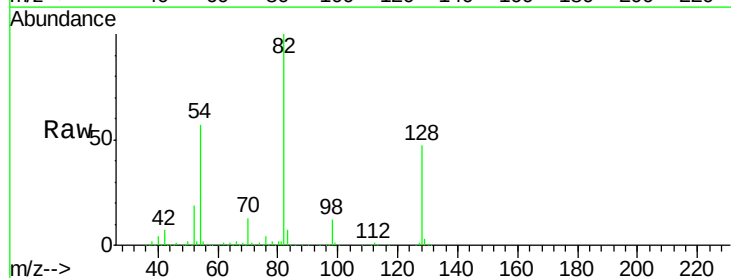


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

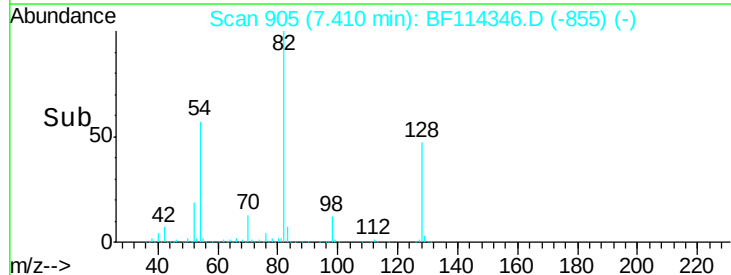
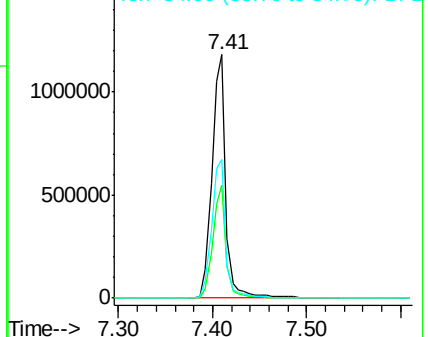


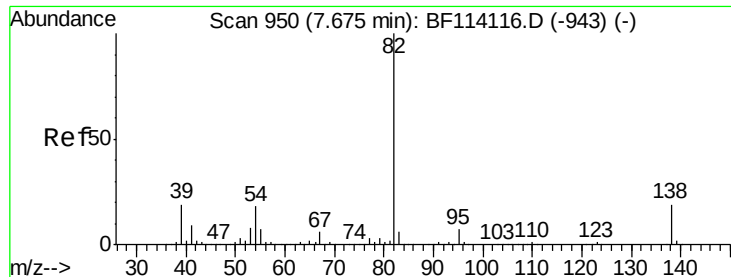
#23
Nitrobenzene-d5
Concen: 92.488 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114346.D
Acq: 17 May 2019 13:41

Tgt Ion: 82	Resp:	1236293
Ion Ratio	Lower	Upper
82	100	
128	46.5	35.5 53.3
54	57.1	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: 49.869 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114346.D

Acq: 17 May 2019 13:41

Instrument :

BNA_F

ClientSampleId :

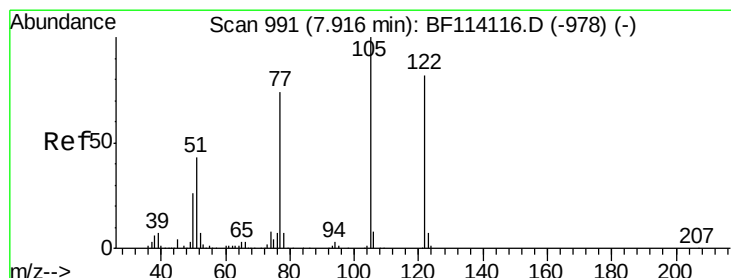
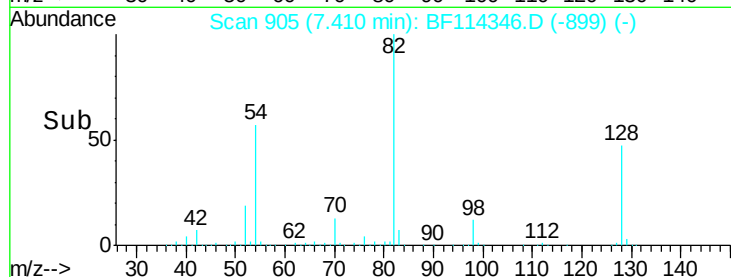
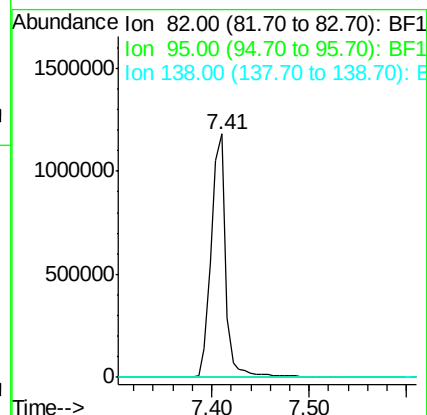
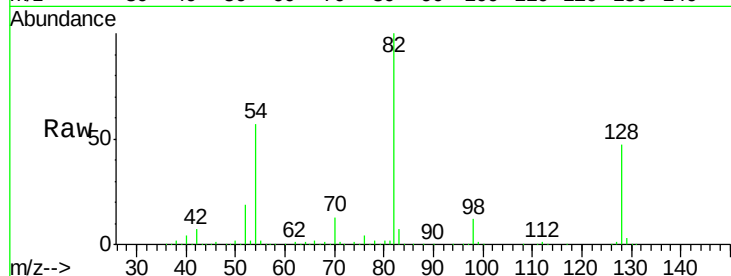
Tot Ion: 82 Resp: 1236283

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.037 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.08 min

Lab File: BF114346.D

Acq: 17 May 2019 13:41

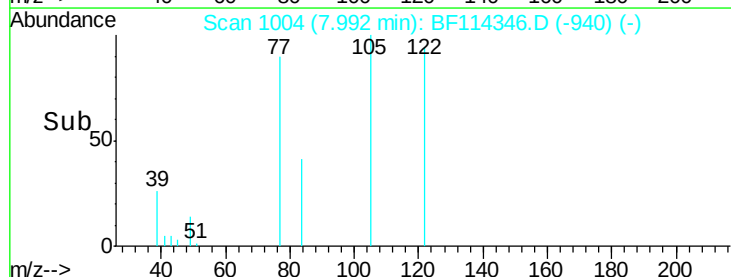
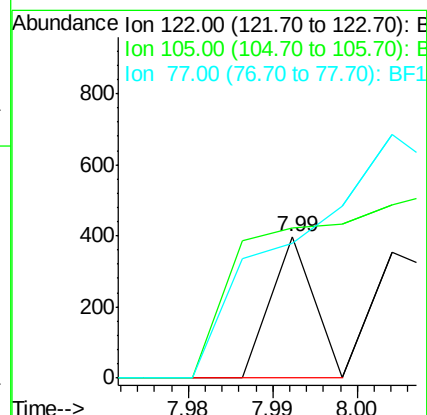
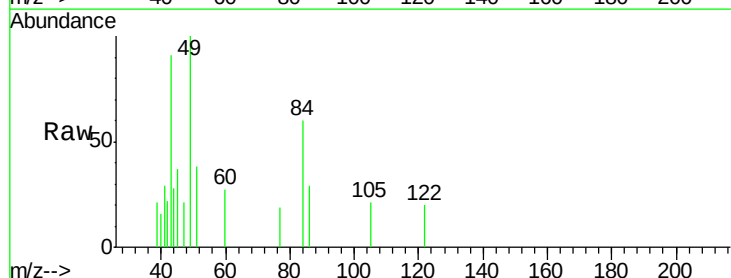
Tgt Ion: 122 Resp: 140

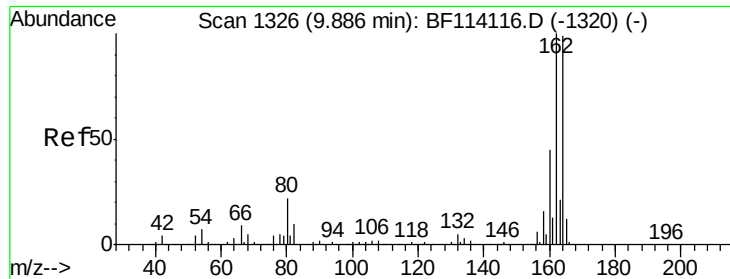
Ion Ratio Lower Upper

122 100

105 106.3 99.9 139.9

77 95.5 69.4 109.4

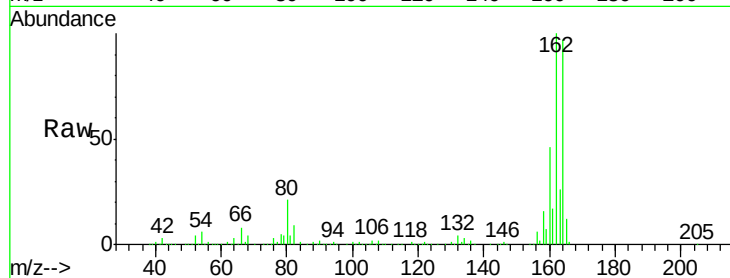




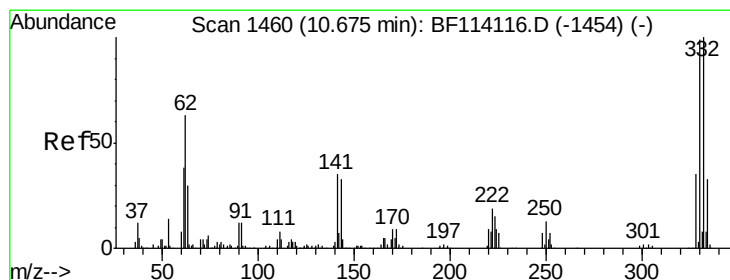
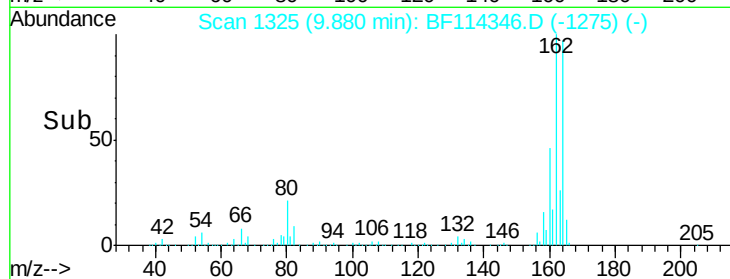
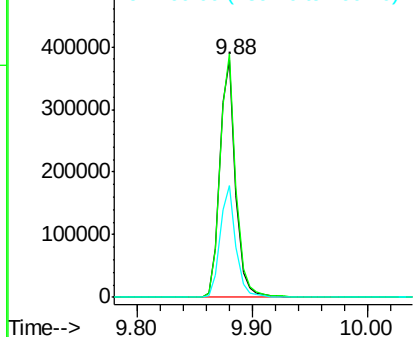
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114346.D
 Acq: 17 May 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 360118
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.6 120.8
 160 46.9 36.5 54.7

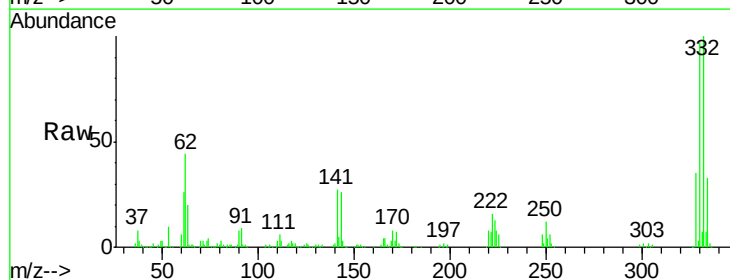


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

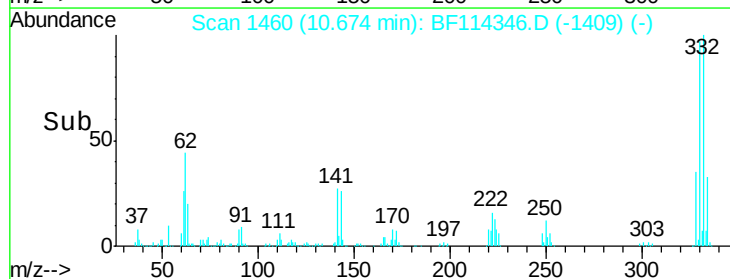
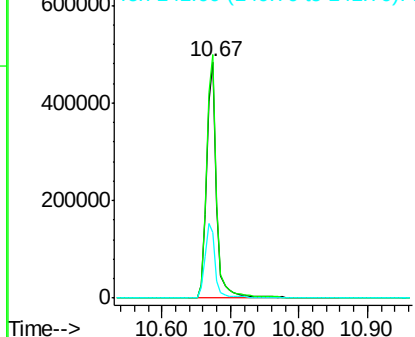


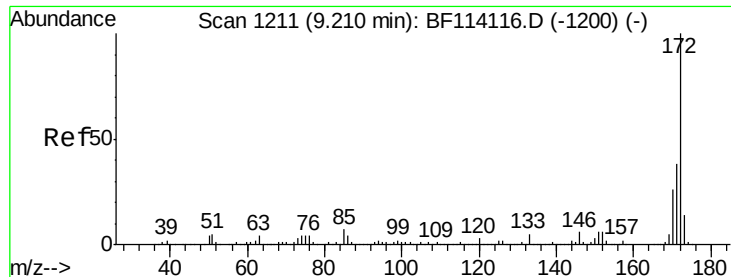
#42
 2,4,6-Tribromophenol
 Concen: 135.857 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114346.D
 Acq: 17 May 2019 13:41

Tgt Ion:330 Resp: 505797
 Ion Ratio Lower Upper
 330 100
 332 103.2 81.4 122.2
 141 33.0 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

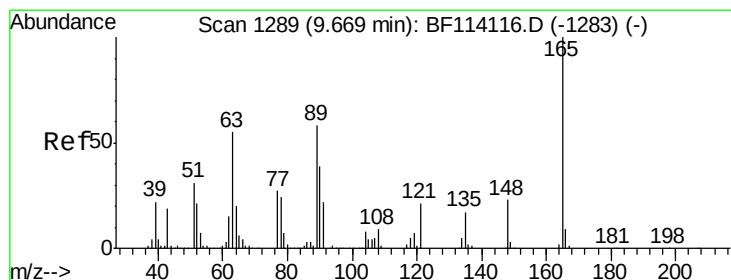
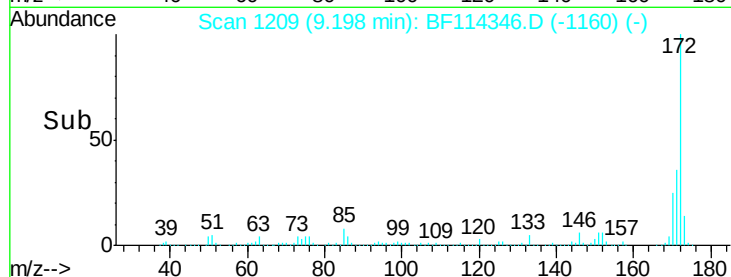
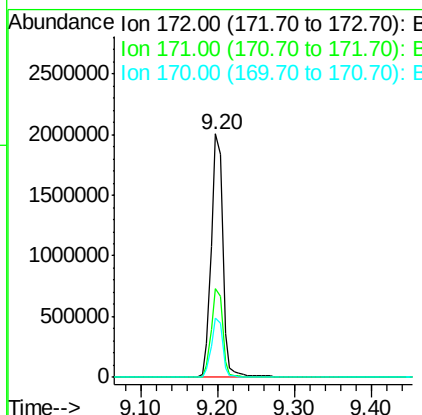
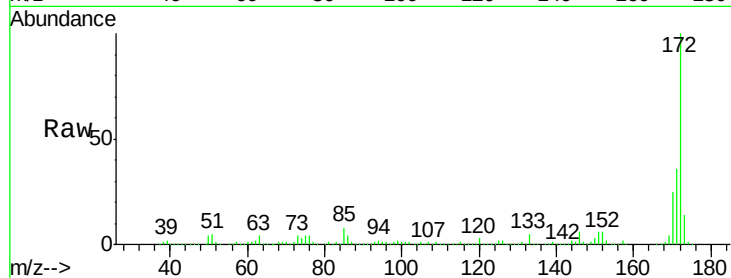




#45
 2-Fluorobiphenyl
 Concen: 87.230 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF114346.D
 Acq: 17 May 2019 13:41

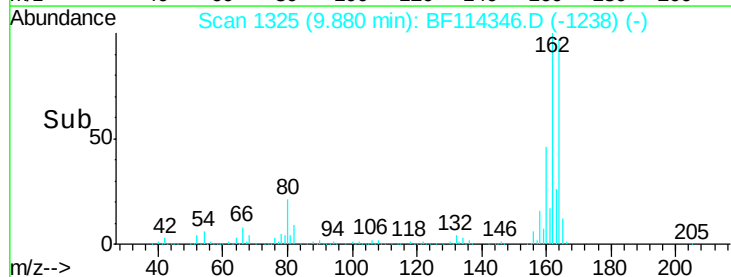
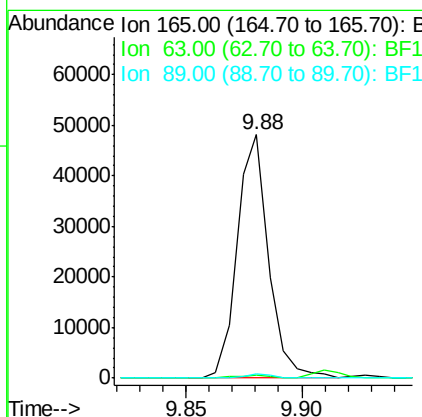
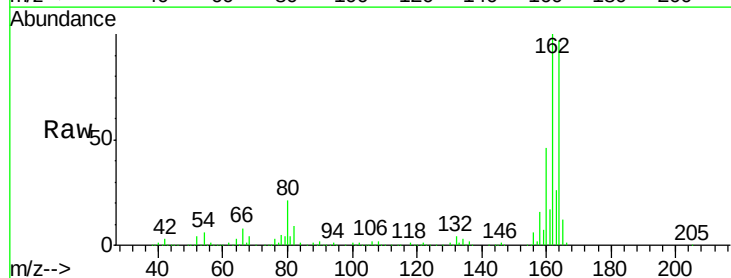
Instrument :
 BNA_F
 ClientSampled :

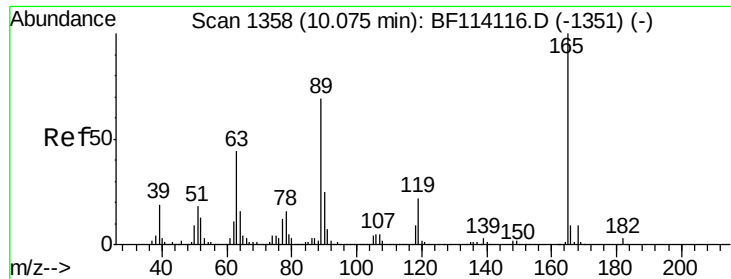
Tot Ion:172 Resp: 2076682
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.7 46.1
 170 24.5 20.5 30.7



#51
 2,6-Dinitrotoluene
 Concen: 7.782 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF114346.D
 Acq: 17 May 2019 13:41

Tgt Ion:165 Resp: 45628
 Ion Ratio Lower Upper
 165 100
 63 1.2 50.2 75.4#
 89 1.7 46.6 69.8#





#57

2,4-Dinitrotoluene

Concen: 5.733 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF114346.D

Acq: 17 May 2019 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 45628

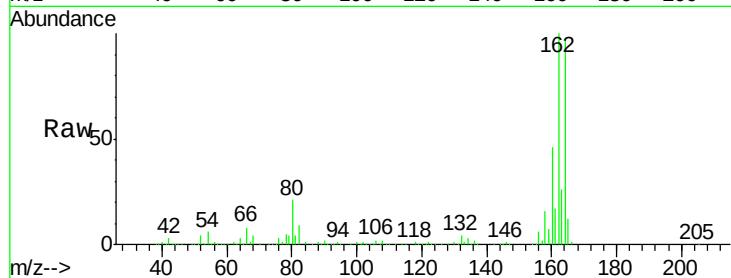
Ion Ratio Lower Upper

165 100

63 1.2 35.5 53.3#

89 1.7 55.2 82.8#

182 0.0 2.2 3.2#

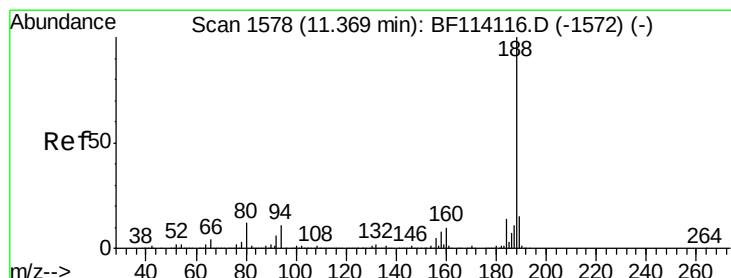
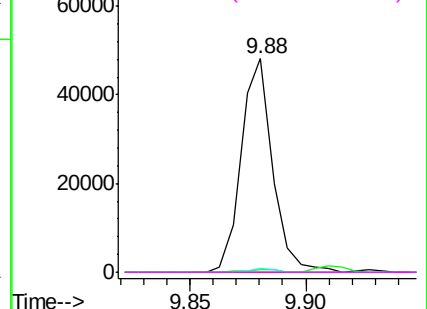
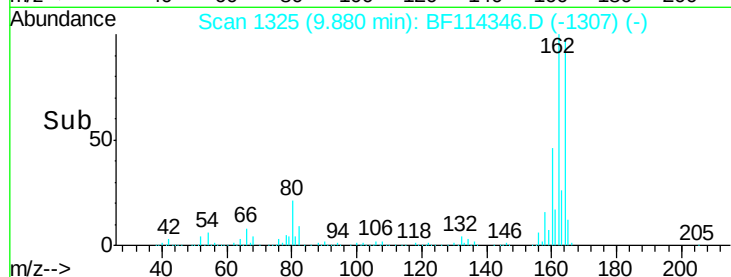


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114346.D

Acq: 17 May 2019 13:41

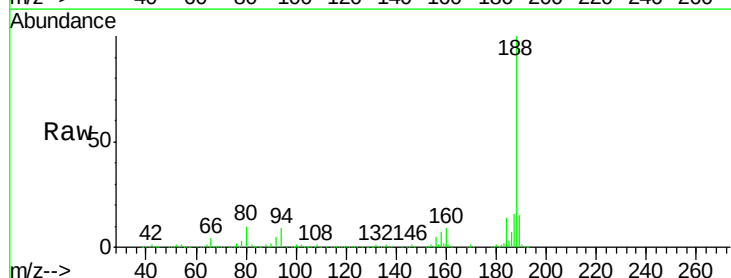
Tgt Ion:188 Resp: 739977

Ion Ratio Lower Upper

188 100

94 9.4 8.4 12.6

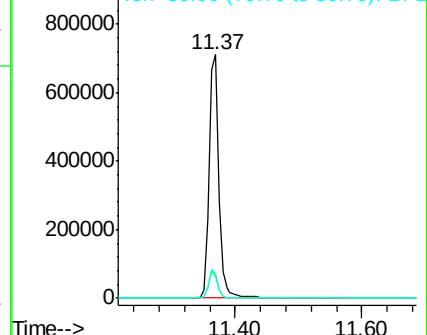
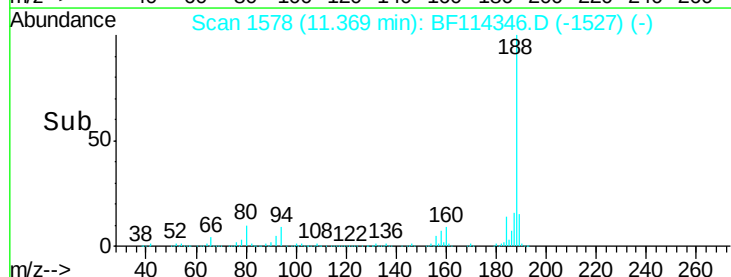
80 10.1 9.2 13.8

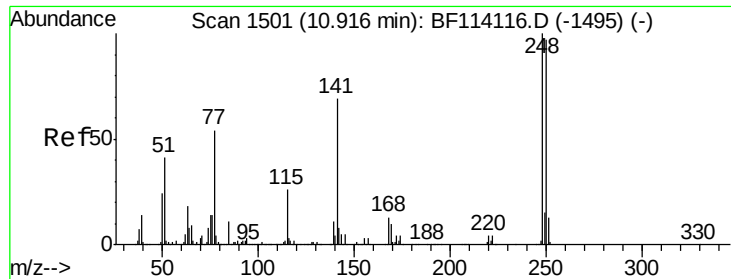


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

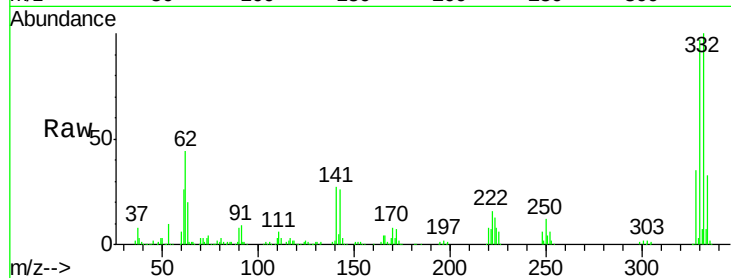




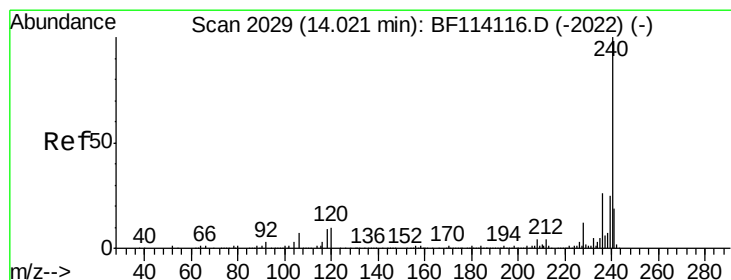
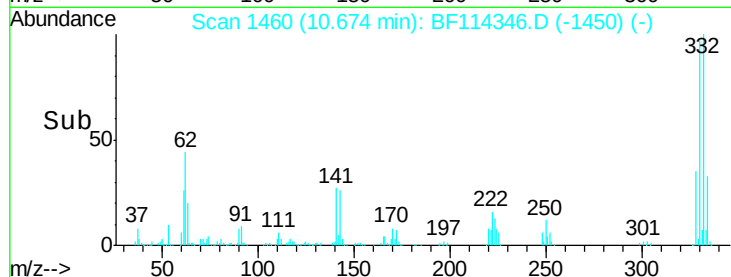
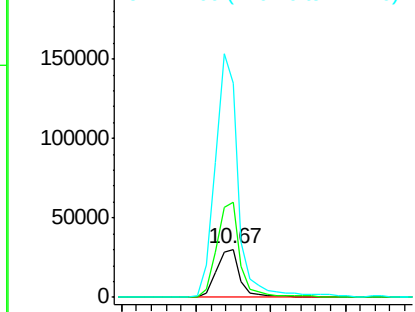
#67
 4-Bromophenyl-phenylether
 Concen: 4.115 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF114346.D
 Acq: 17 May 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 33528
 Ion Ratio Lower Upper
 248 100
 250 196.8 77.4 116.2#
 141 442.2 55.6 83.4#

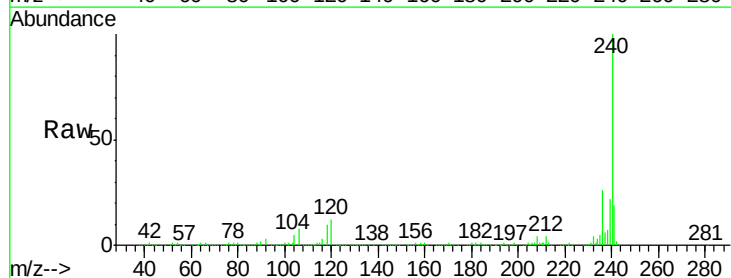


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

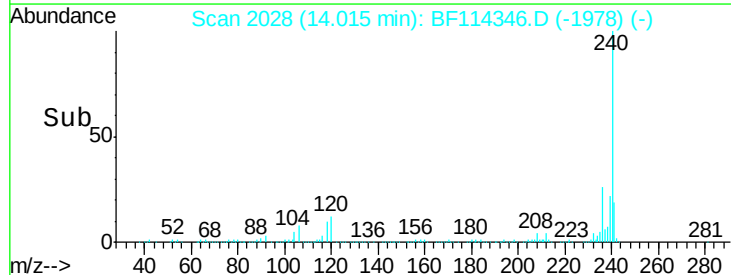
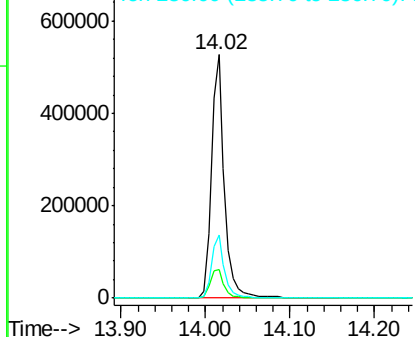


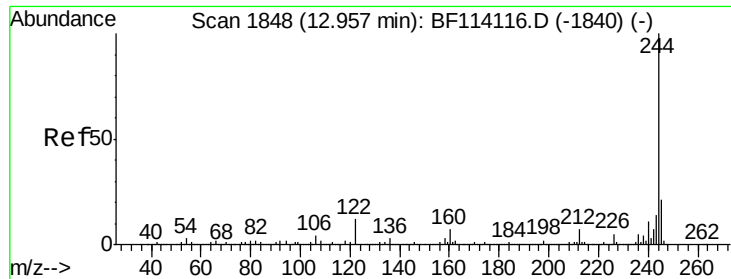
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF114346.D
 Acq: 17 May 2019 13:41

Tgt Ion:240 Resp: 570330
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.3 12.5
 236 26.1 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



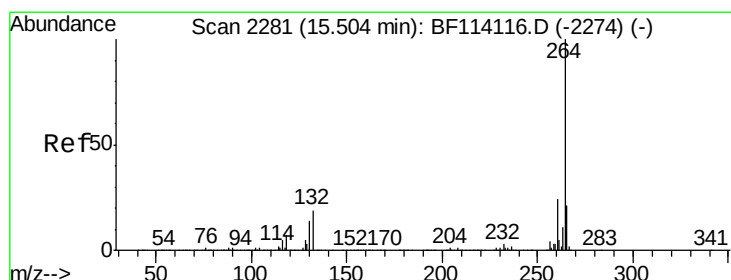
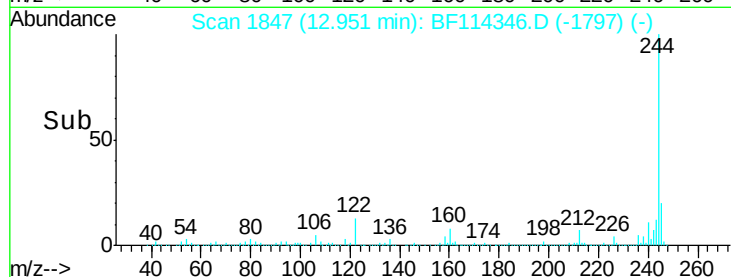
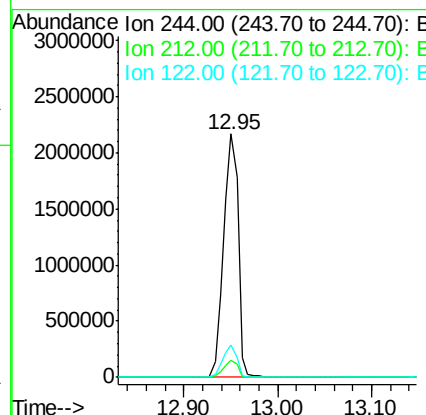
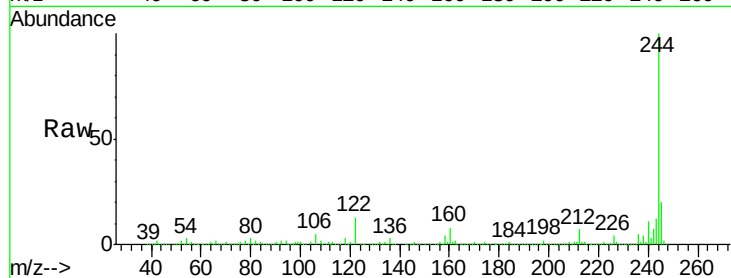


#79
 Terphenyl-d14
 Concen: 85.429 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114346.D
 Acq: 17 May 2019 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2363550

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.2	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF114346.D
 Acq: 17 May 2019 13:41

Tgt Ion:264 Resp: 549247

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.8	16.9	25.3

