

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114345.D
 Acq On : 17 May 2019 13:15
 Operator : JU/SJ
 Sample : K2866-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:58:38 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

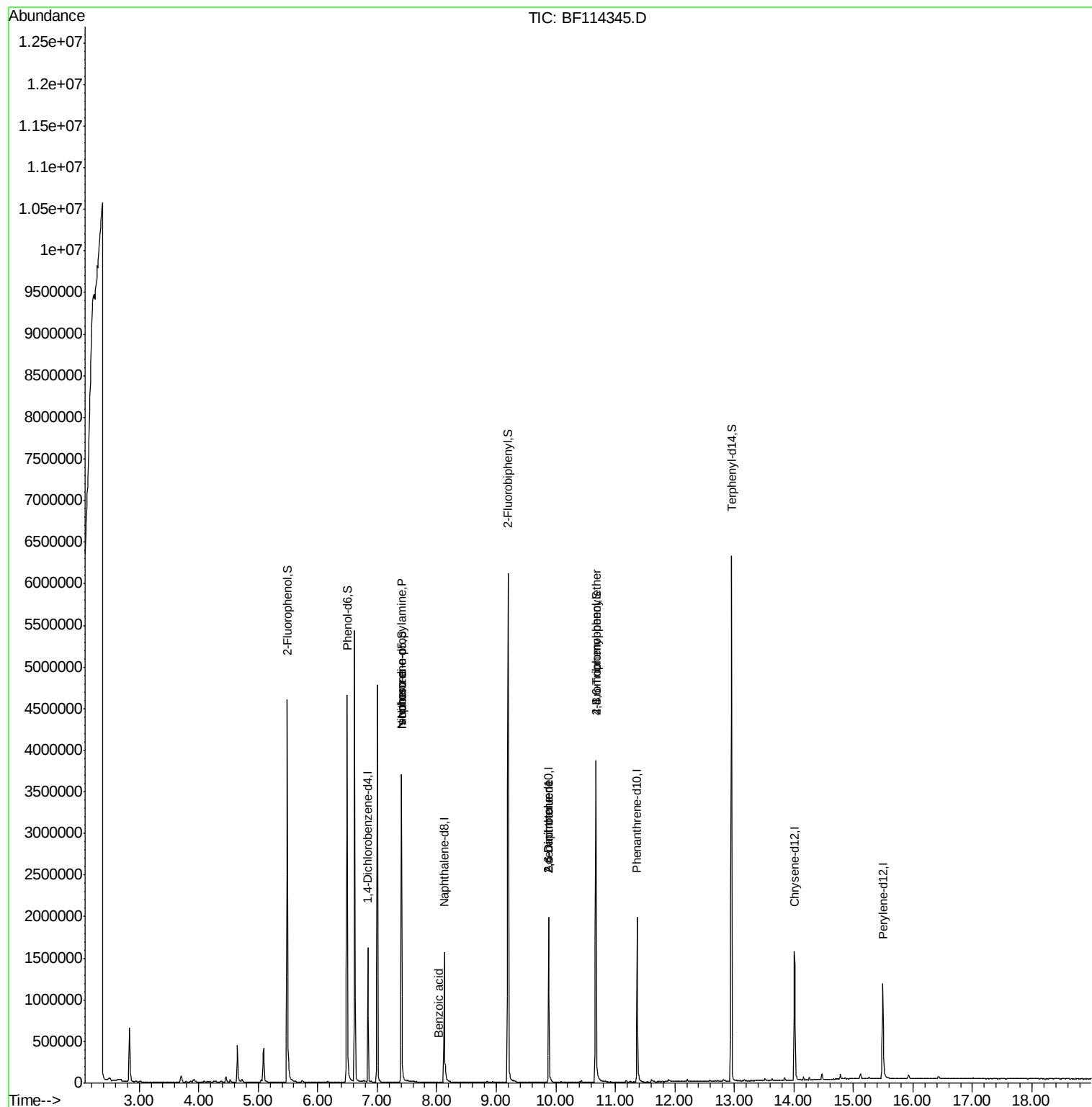
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	218166	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	832920	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	390953	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	819689	20.00	ng	0.00
76) Chrysene-d12	14.01	240	616121	20.00	ng	-0.01
87) Perylene-d12	15.49	264	592719	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1428504	105.37	ng	0.00
7) Phenol-d6	6.49	99	1700676	106.07	ng	0.00
23) Nitrobenzene-d5	7.41	82	1263258	85.12	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	522484	129.27	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2143296	82.93	ng	-0.01
79) Terphenyl-d14	12.95	244	2421556	81.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	166300	16.363	ng	# 75
25) Isophorone	7.41	82	1263246	45.894	ng	# 64
32) Benzoic acid	8.02	122	114	7.033	ng	# 1
51) 2,6-Dinitrotoluene	9.88	165	49721	7.811	ng	# 22
57) 2,4-Dinitrotoluene	9.88	165	49722	5.755	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	33362	3.697	ng	# 1

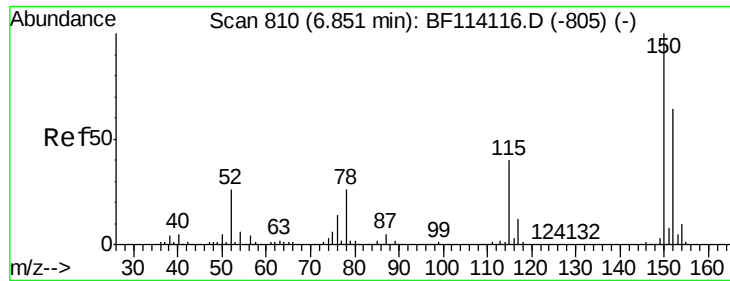
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: May 18 04:58:38 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



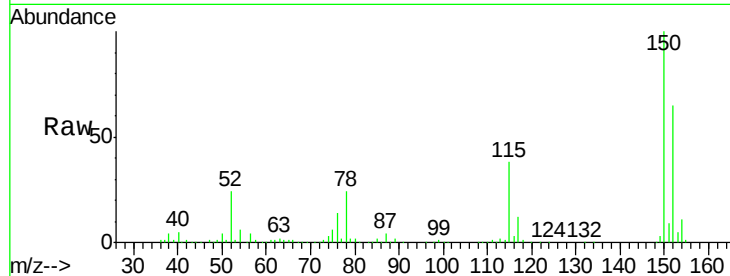


#1

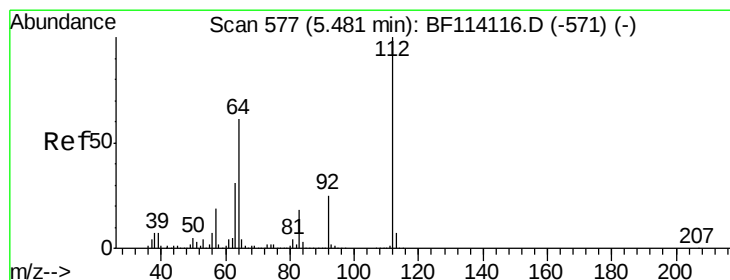
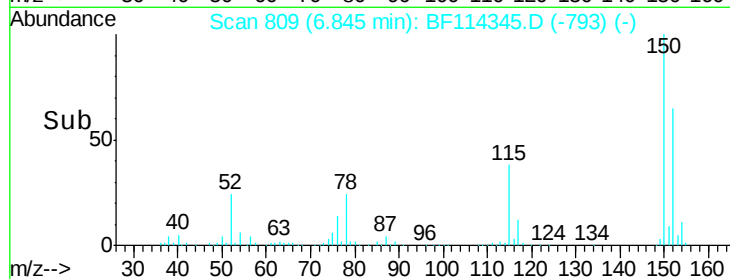
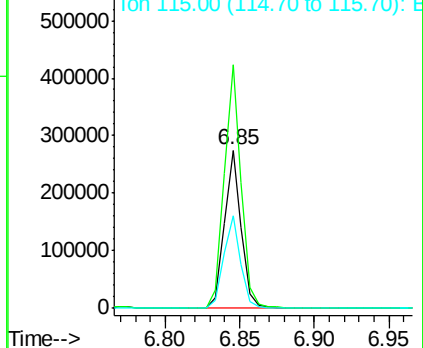
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114345.D
Acq: 17 May 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 218166
Ion Ratio Lower Upper
152 100
150 154.1 124.3 186.5
115 58.6 49.1 73.7



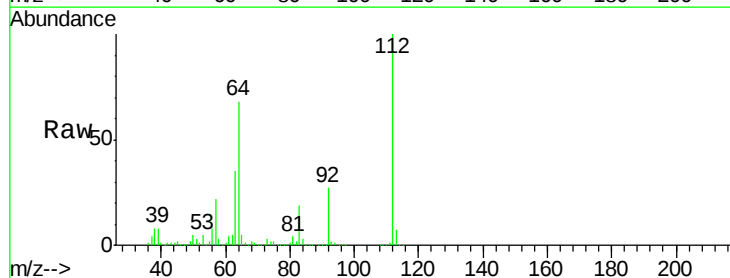
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



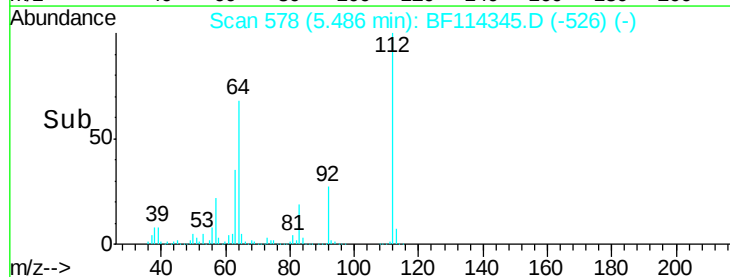
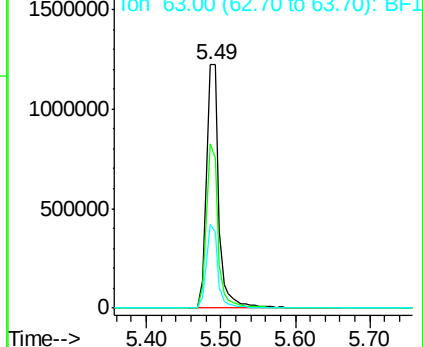
#5

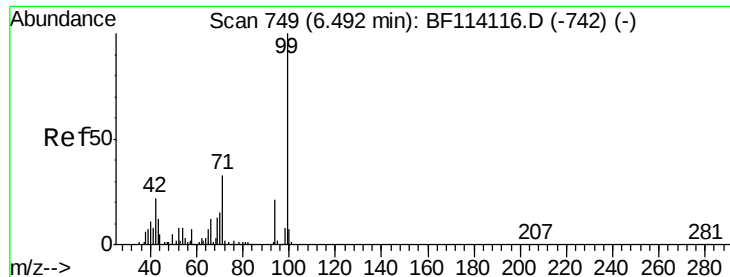
2-Fluorophenol
Concen: 105.371 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114345.D
Acq: 17 May 2019 13:15

Tgt Ion:112 Resp: 1428504
Ion Ratio Lower Upper
112 100
64 67.7 49.0 73.6
63 34.5 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: 106.066 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114345.D

Acq: 17 May 2019 13:15

Instrument :

BNA_F

ClientSampleId :

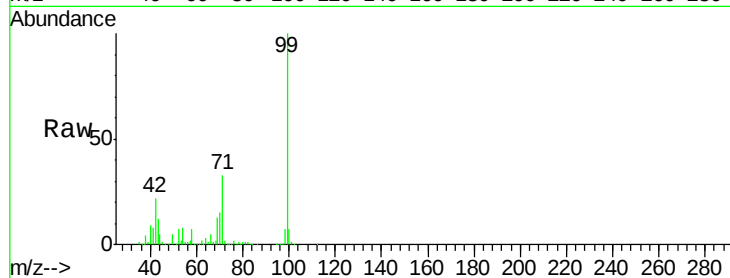
Tot Ion: 99 Resp: 1700676

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

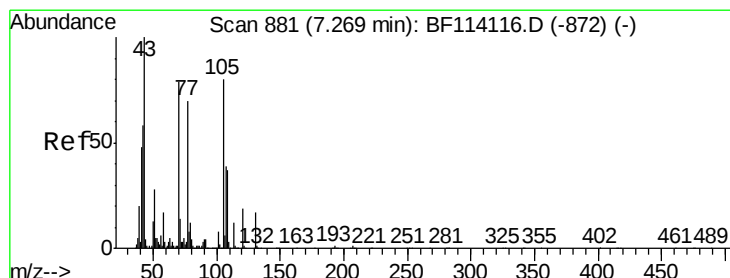
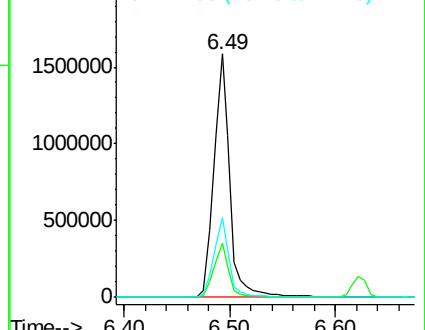
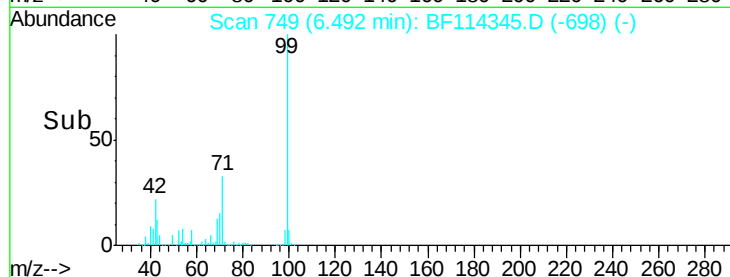
71 32.9 26.2 39.2



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: 16.363 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114345.D

Acq: 17 May 2019 13:15

Tgt Ion: 70 Resp: 166300

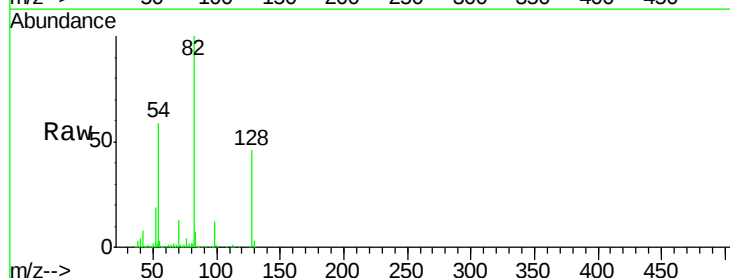
Ion Ratio Lower Upper

70 100

42 56.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

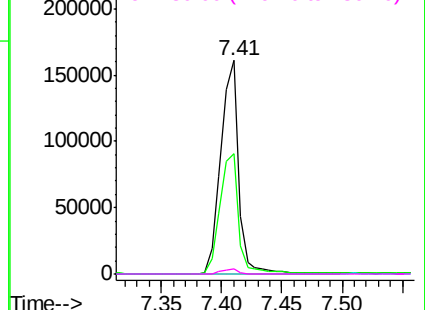
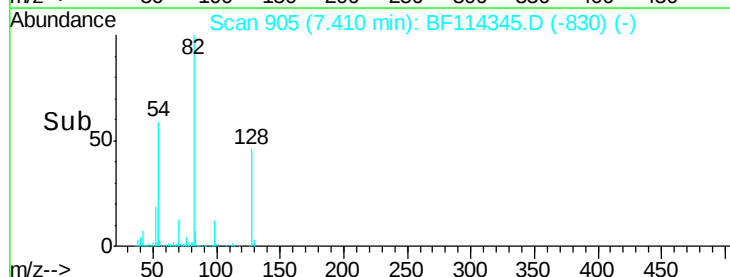


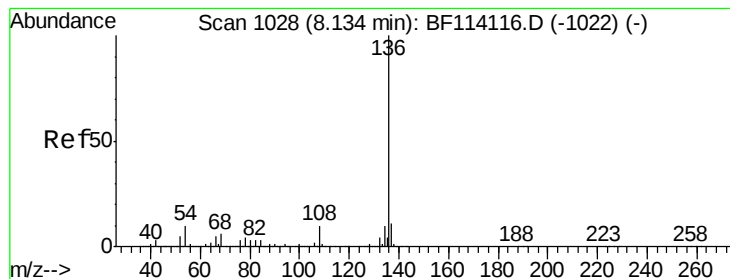
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF114345.D

Acq: 17 May 2019 13:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 832920

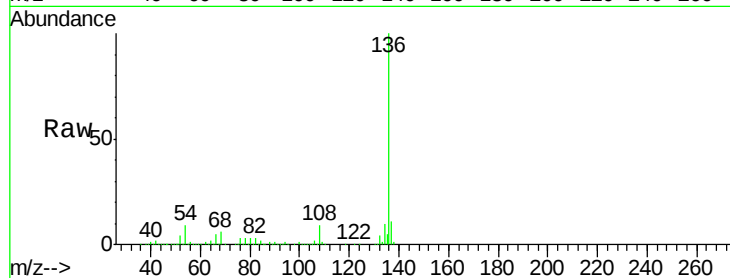
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 9.1 7.8 11.8

68 6.3 5.1 7.7

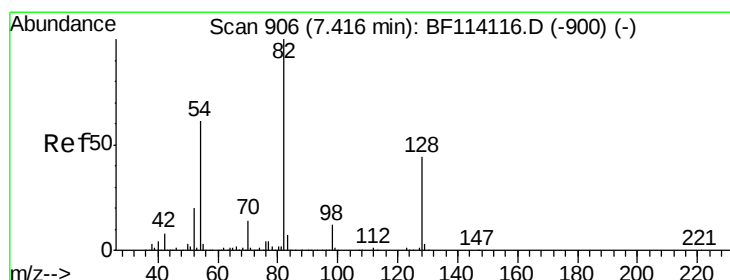
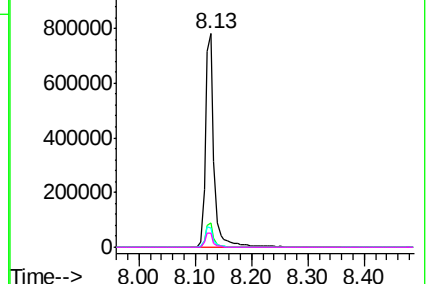
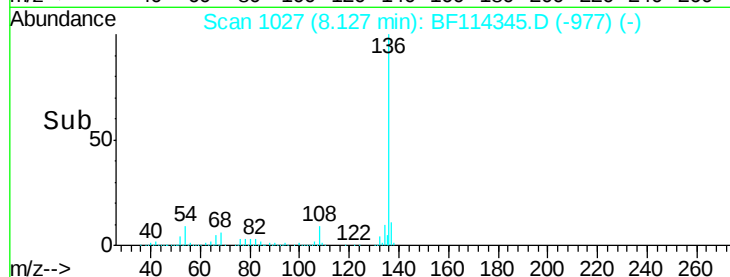


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.115 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114345.D

Acq: 17 May 2019 13:15

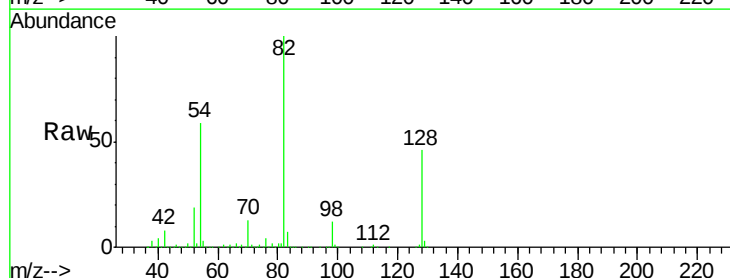
Tgt Ion: 82 Resp: 1263258

Ion Ratio Lower Upper

82 100

128 46.2 35.5 53.3

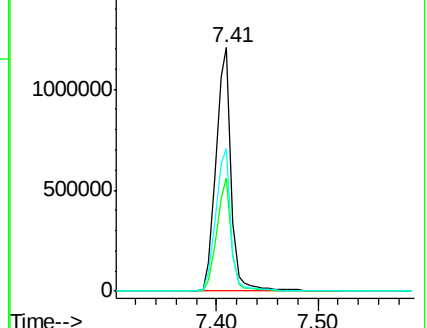
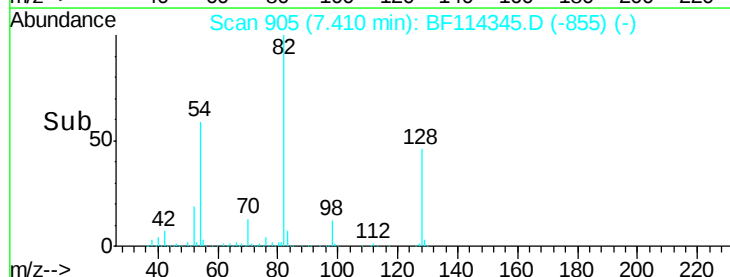
54 58.7 48.5 72.7

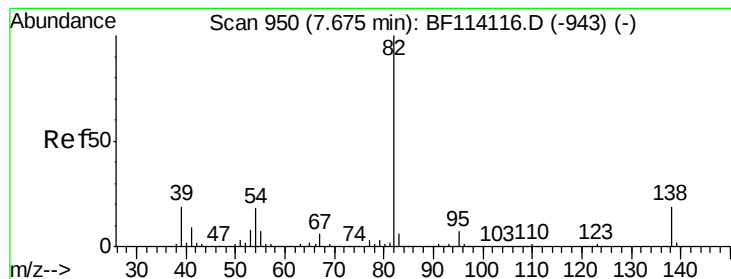


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.894 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114345.D

Acq: 17 May 2019 13:15

Instrument :

BNA_F

ClientSampleId :

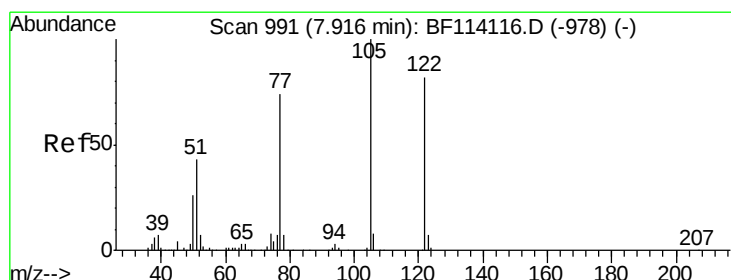
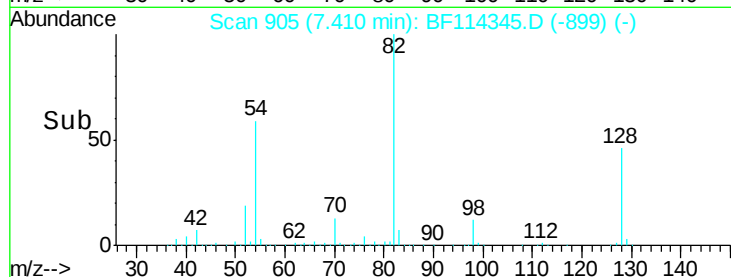
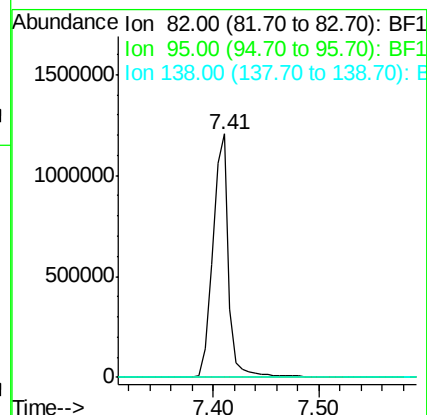
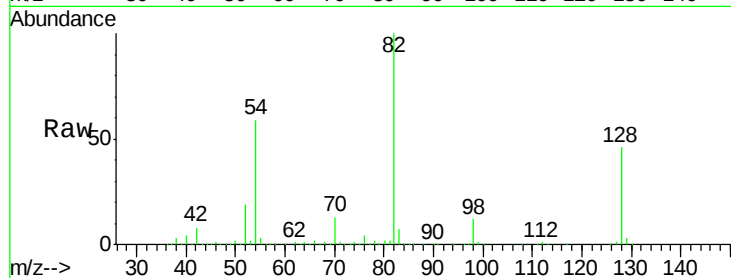
Tot Ion: 82 Resp: 1263246

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.033 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.11 min

Lab File: BF114345.D

Acq: 17 May 2019 13:15

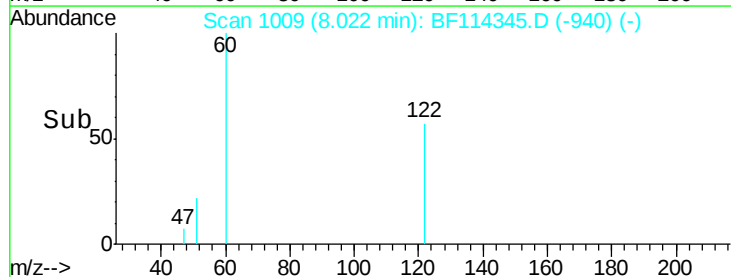
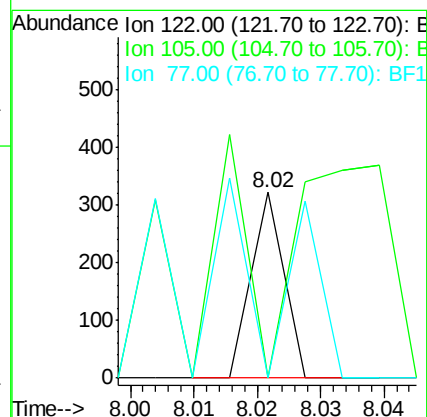
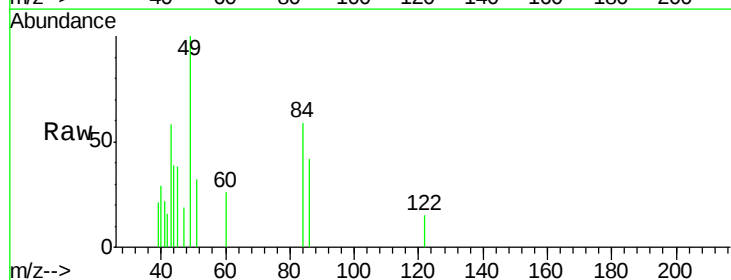
Tgt Ion: 122 Resp: 114

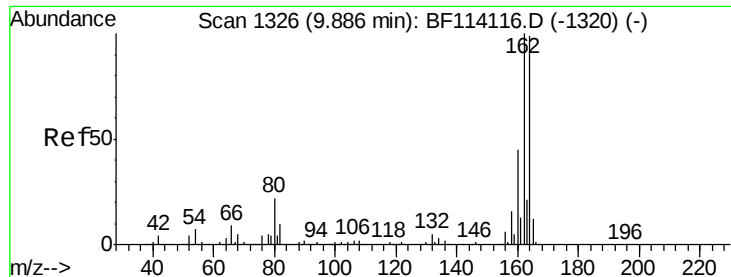
Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

77 0.0 69.4 109.4#

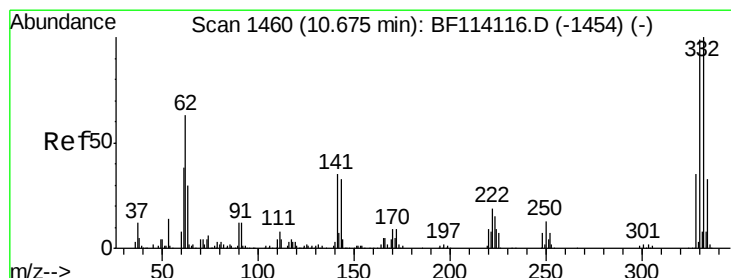
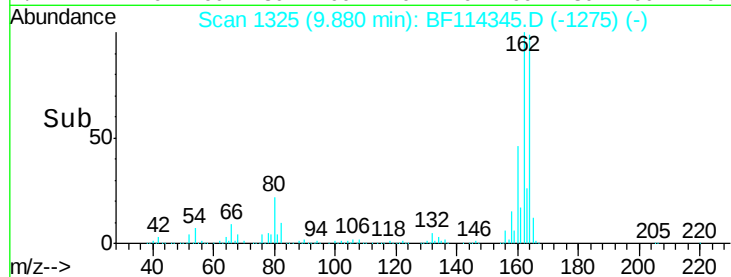
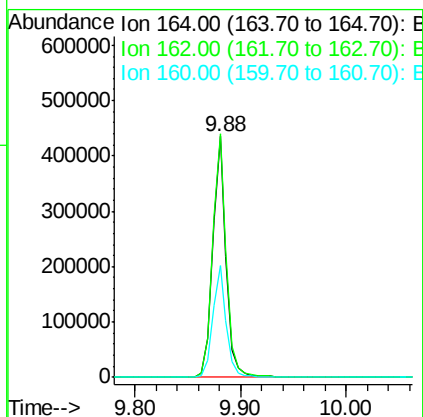
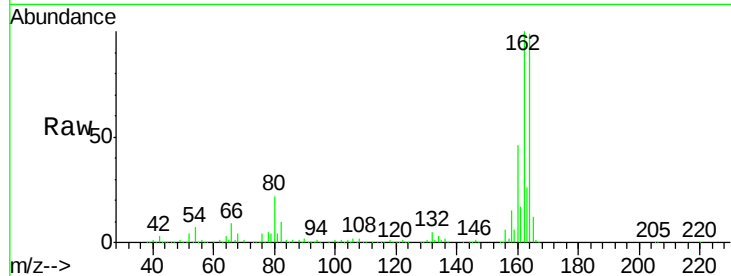




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114345.D
 Acq: 17 May 2019 13:15

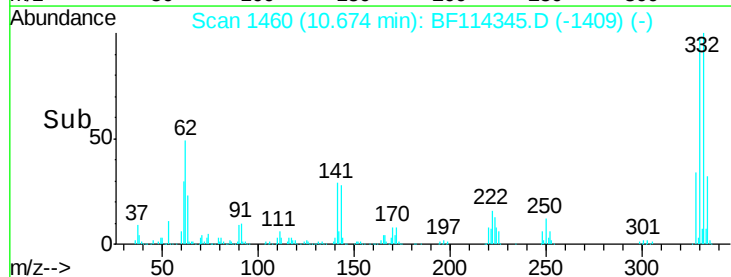
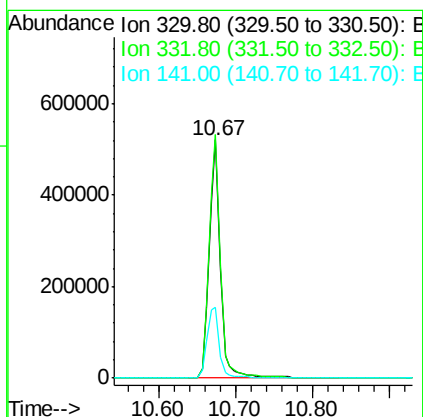
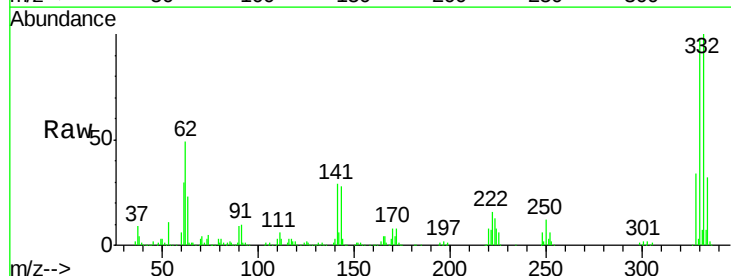
Instrument :
 BNA_F
 ClientSampleId :

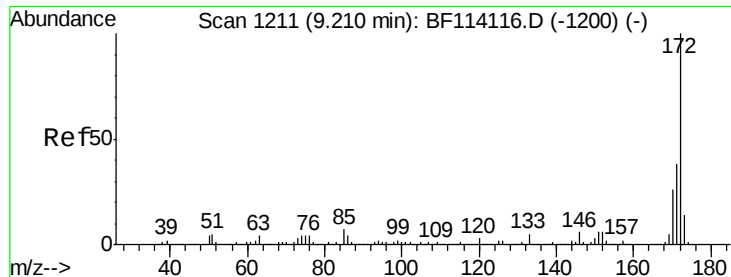
Tot Ion:164 Resp: 390953
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.6 120.8
 160 46.5 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 129.270 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114345.D
 Acq: 17 May 2019 13:15

Tgt Ion:330 Resp: 522484
 Ion Ratio Lower Upper
 330 100
 332 103.1 81.4 122.2
 141 33.3 26.6 40.0

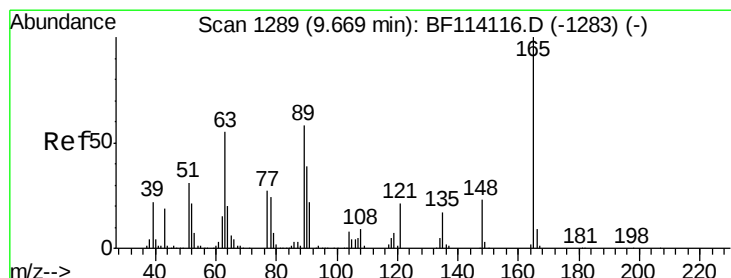
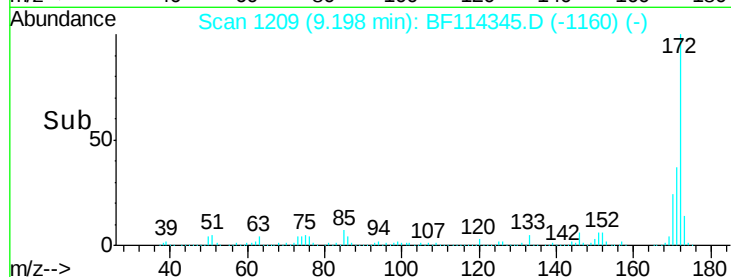
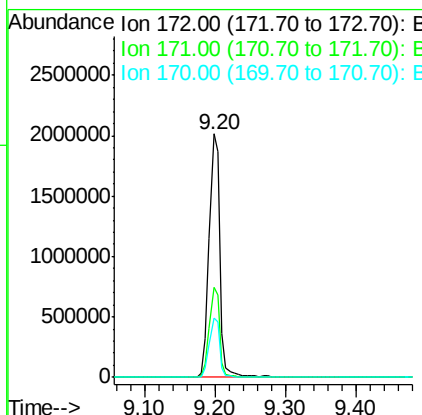
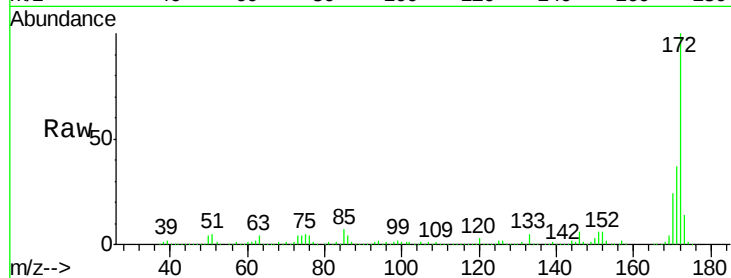




#45
 2-Fluorobiphenyl
 Concen: 82.928 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF114345.D
 Acq: 17 May 2019 13:15

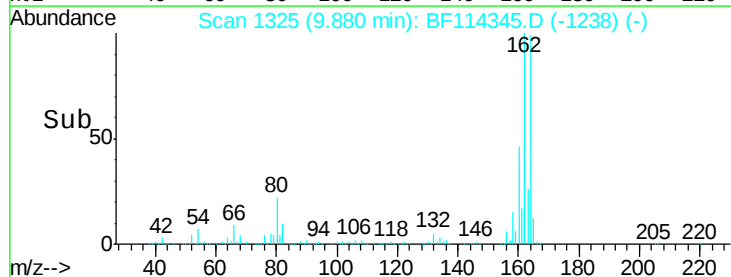
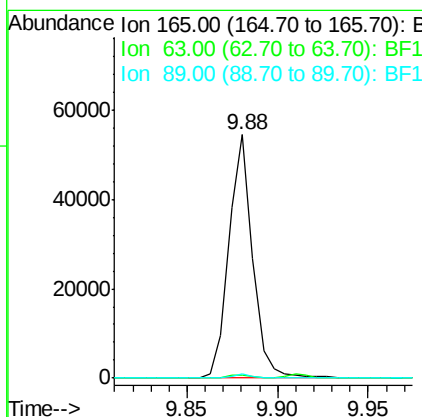
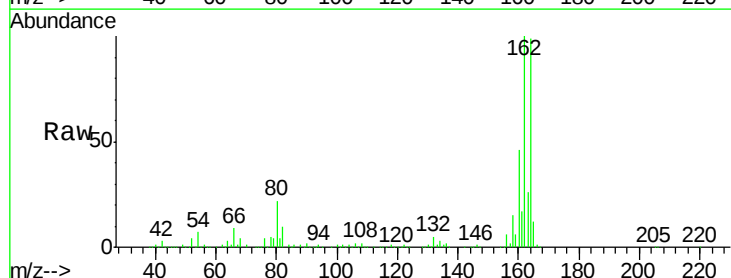
Instrument :
 BNA_F
 ClientSampleId :

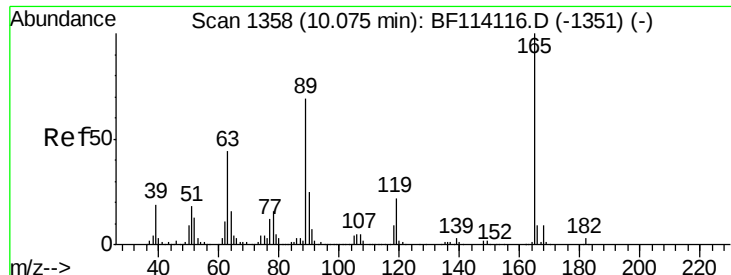
Tot Ion:172 Resp: 2143296
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.7 46.1
 170 24.3 20.5 30.7



#51
 2,6-Dinitrotoluene
 Concen: 7.811 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF114345.D
 Acq: 17 May 2019 13:15

Tgt Ion:165 Resp: 49721
 Ion Ratio Lower Upper
 165 100
 63 1.2 50.2 75.4#
 89 1.5 46.6 69.8#

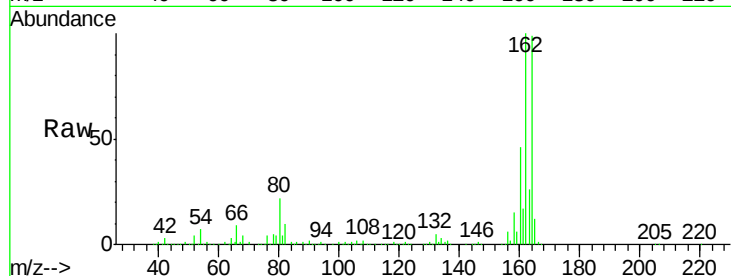




#57
 2,4-Dinitrotoluene
 Concen: 5.755 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114345.D
 Acq: 17 May 2019 13:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.5	53.3#
89	1.5	55.2	82.8#
182	0.0	2.2	3.2#

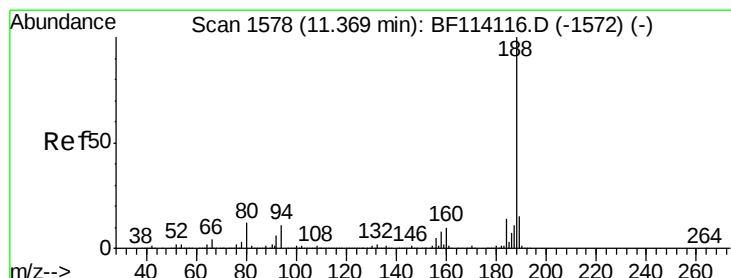
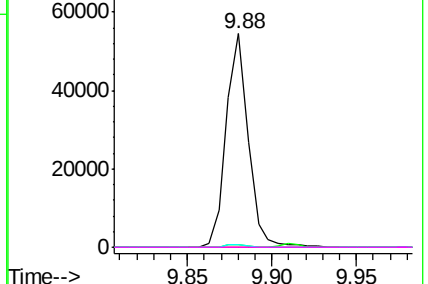
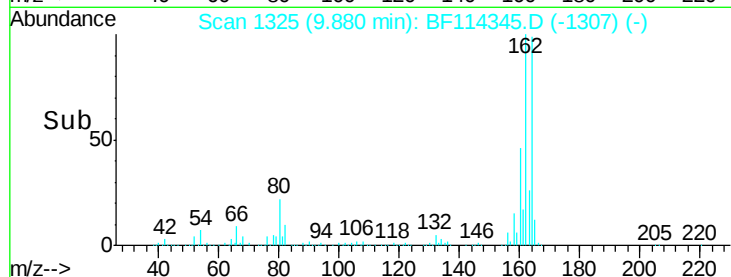


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

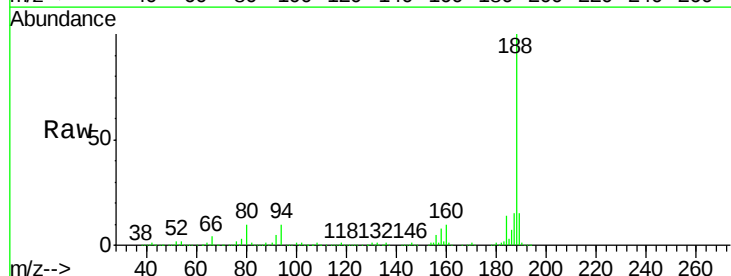
Ion 89.00 (88.70 to 89.70): BF1

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: BF114345.D
 Acq: 17 May 2019 13:15

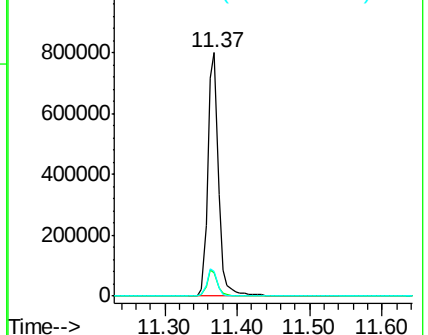
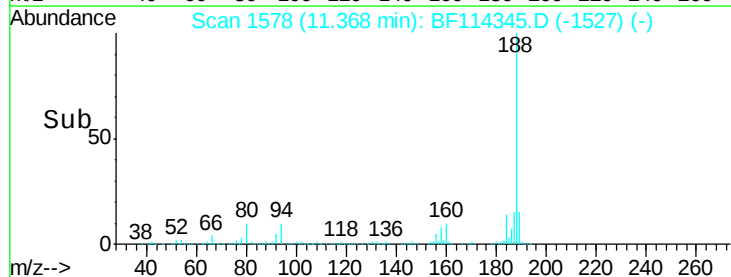
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.4	12.6
80	10.3	9.2	13.8

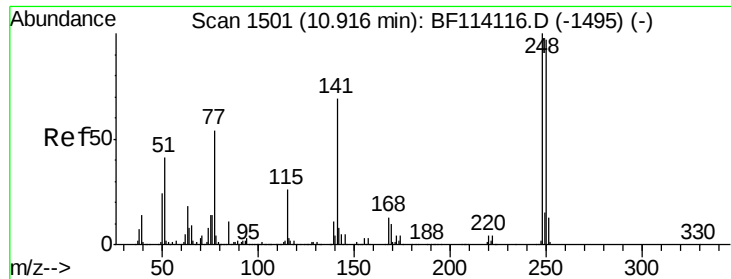


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

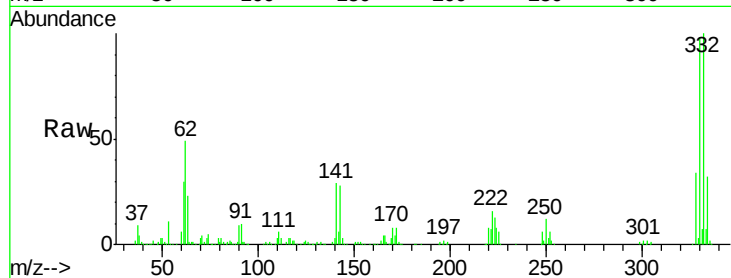




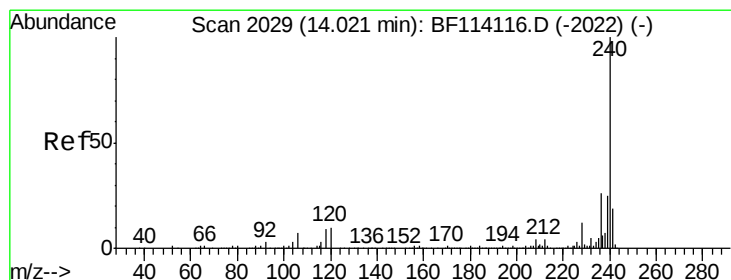
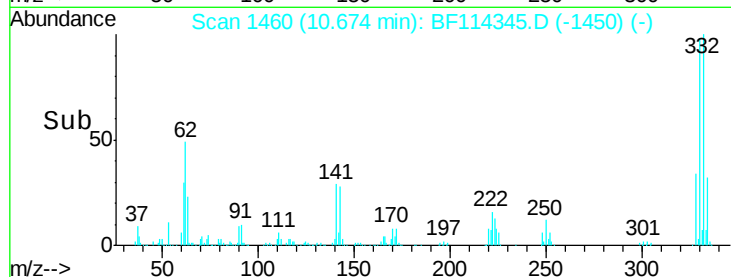
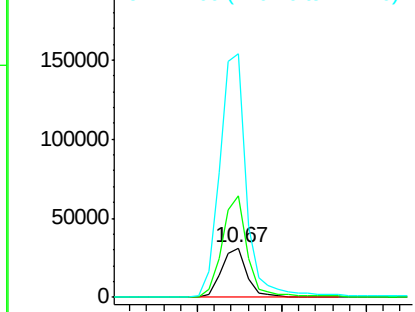
#67
4-Bromophenyl-phenylether
Concen: 3.697 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114345.D
Acq: 17 May 2019 13:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 33362
Ion Ratio Lower Upper
248 100
250 205.0 77.4 116.2#
141 491.6 55.6 83.4#

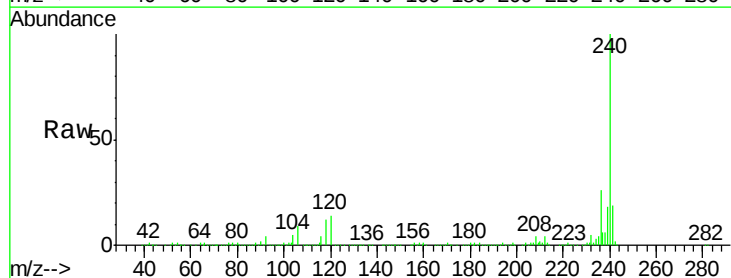


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

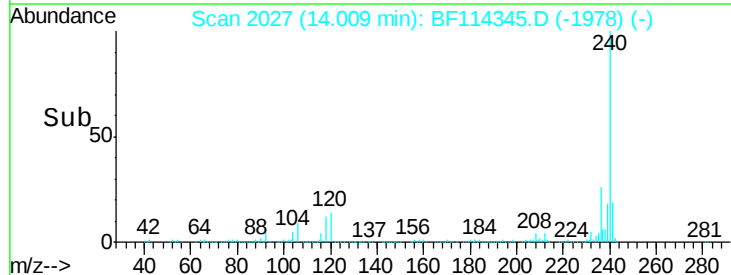
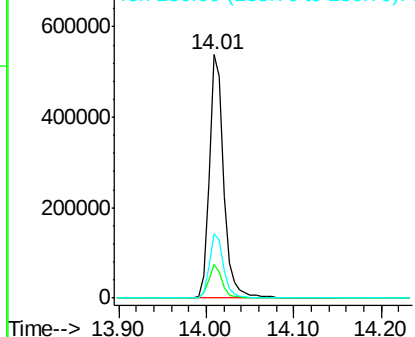


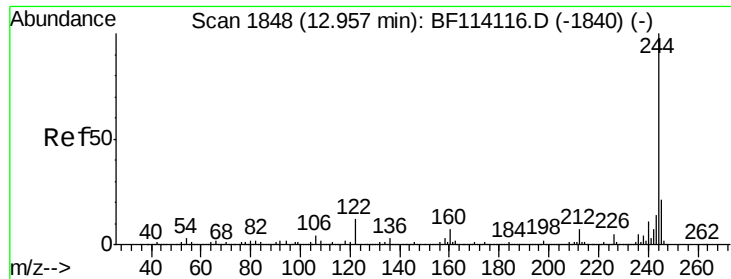
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114345.D
Acq: 17 May 2019 13:15

Tgt Ion:240 Resp: 616121
Ion Ratio Lower Upper
240 100
120 13.9 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

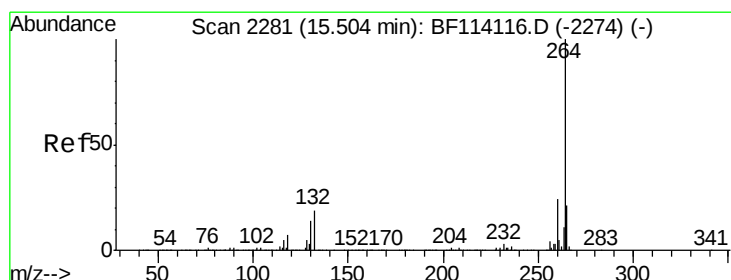
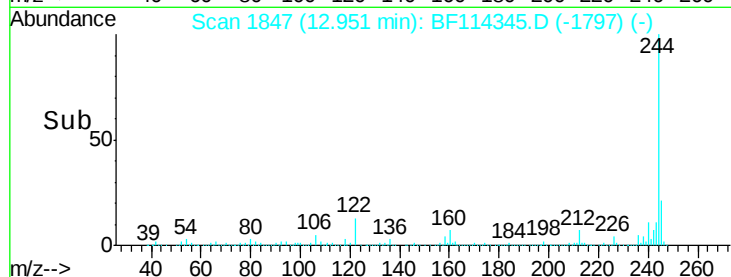
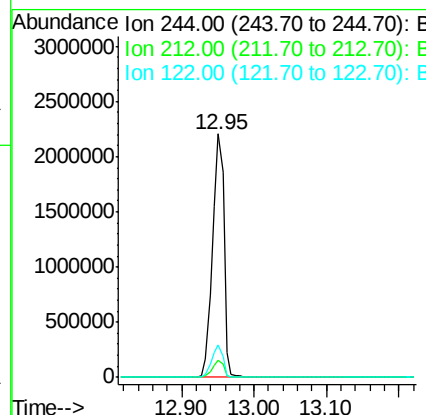
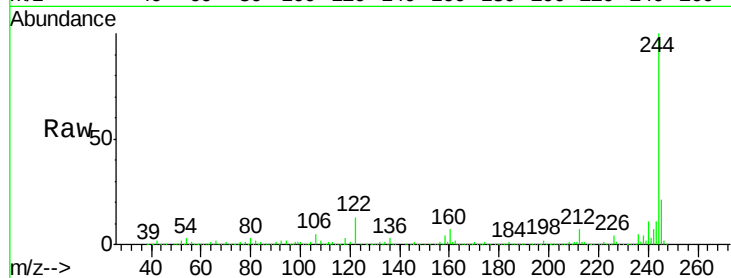




#79
 Terphenyl-d14
 Concen: 81.021 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114345.D
 Acq: 17 May 2019 13:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2421556
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 13.4 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF114345.D
 Acq: 17 May 2019 13:15

Tgt Ion:264 Resp: 592719
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 21.3 16.9 25.3

