

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114324.D
 Acq On : 16 May 2019 21:59
 Operator : JU/SJ
 Sample : K2637-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051519-B

Quant Time: May 17 08:07:13 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

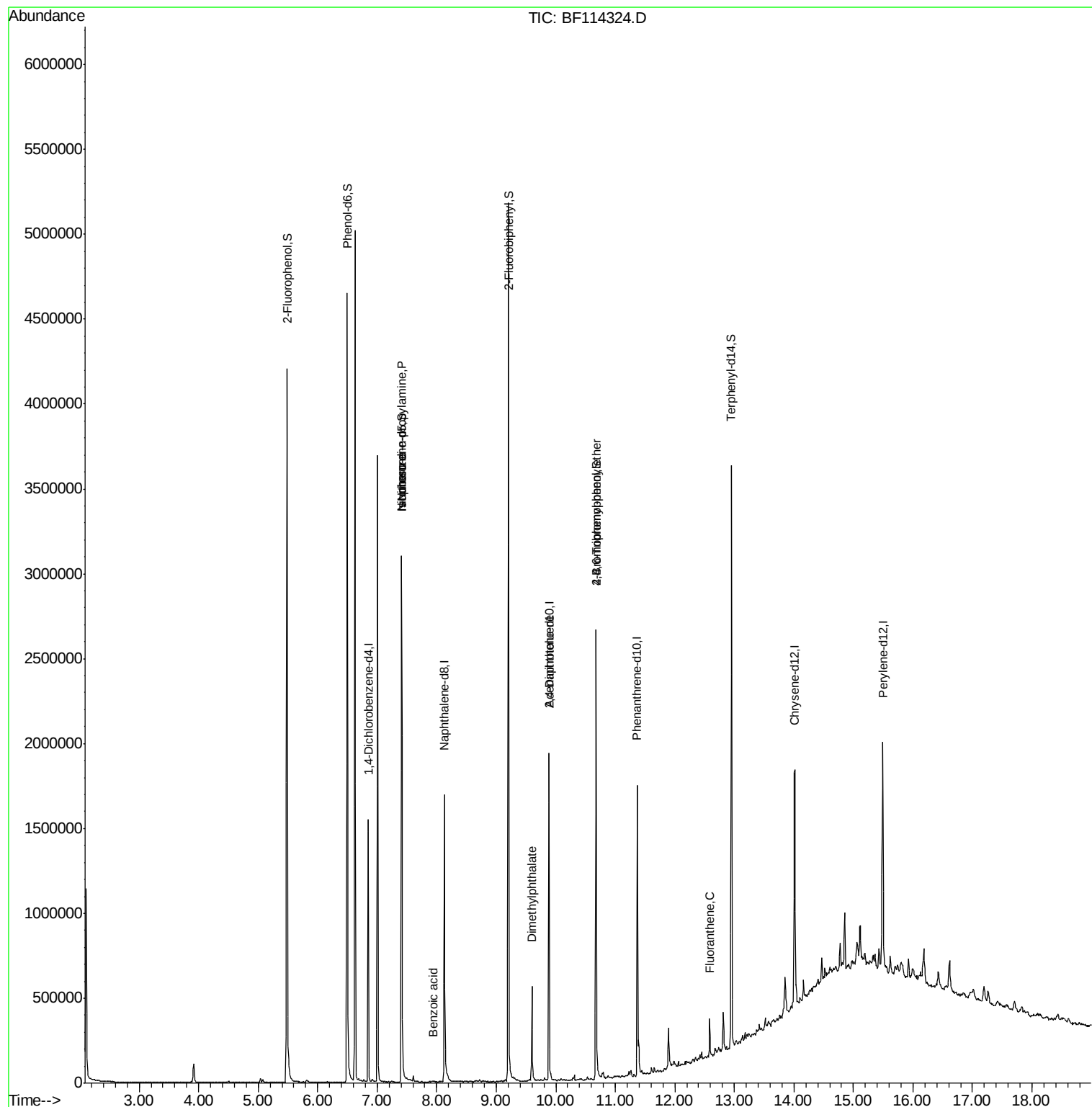
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	235607	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	904127	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	397077	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	683786	20.00	ng	0.00
76) Chrysene-d12	14.02	240	513567	20.00	ng	0.00
87) Perylene-d12	15.49	264	573281	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1253373	85.61	ng	0.00
7) Phenol-d6	6.50	99	1646712	95.10	ng	0.00
23) Nitrobenzene-d5	7.41	82	1014757	62.99	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	322137	78.47	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1567344	59.71	ng	0.00
79) Terphenyl-d14	12.95	244	1166007	46.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	130714	11.909	ng	Qvalue # 76
25) Isophorone	7.41	82	1014750	33.962	ng	# 64
32) Benzoic acid	7.93	122	141	7.034	ng	93
50) Dimethylphthalate	9.60	163	258603	8.872	ng	99
57) 2,4-Dinitrotoluene	9.89	165	51191	5.834	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	21234	2.820	ng	# 1
75) Fluoranthene	12.59	202	93408	2.607	ng	97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



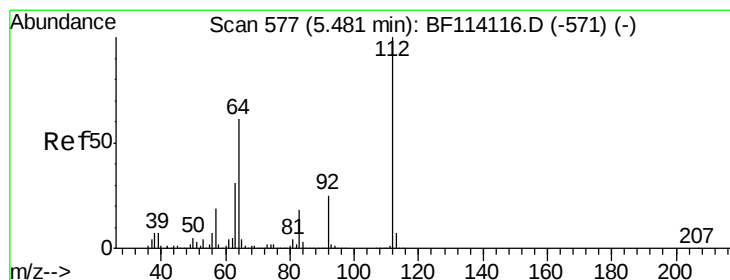
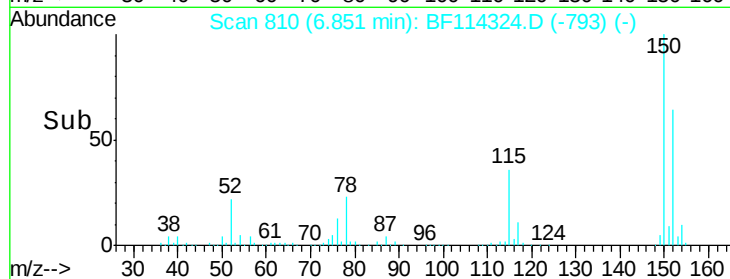
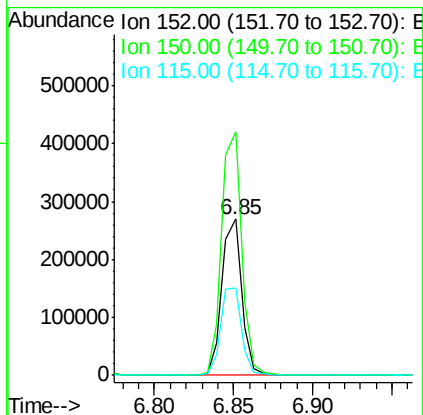
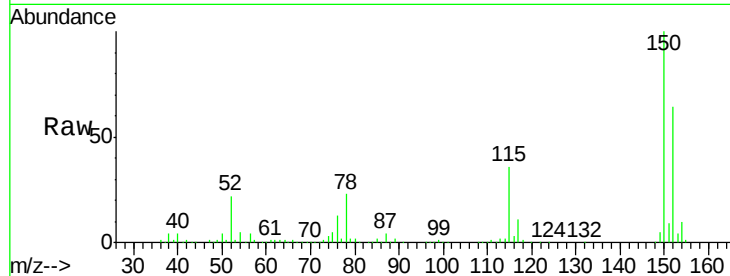


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114324.D
Acq: 16 May 2019 21:59

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-B

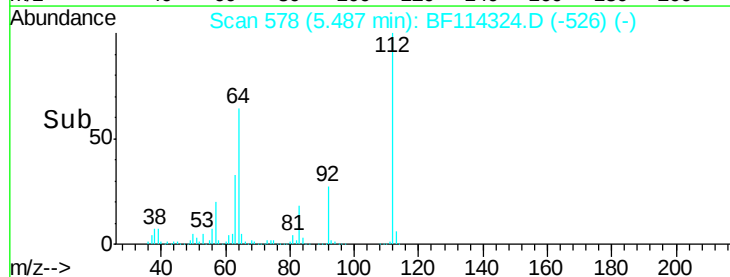
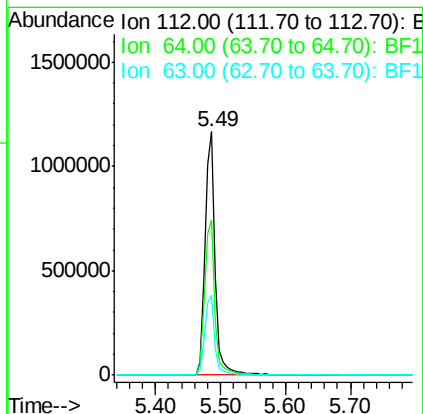
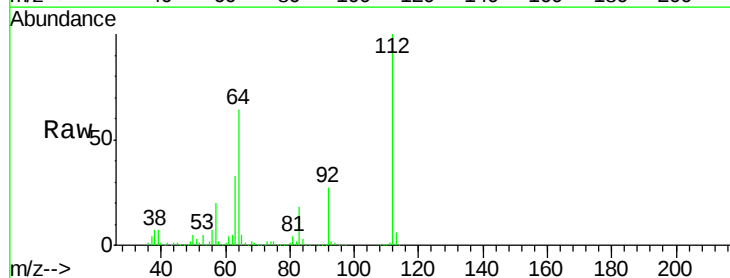
Tot Ion:152 Resp: 235607
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 55.7 49.1 73.7



#5

2-Fluorophenol
Concen: 85.609 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114324.D
Acq: 16 May 2019 21:59

Tgt Ion:112 Resp: 1253373
Ion Ratio Lower Upper
112 100
64 63.7 49.0 73.6
63 32.8 24.6 37.0





#7

Phenol-d6

Concen: 95.098 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-B

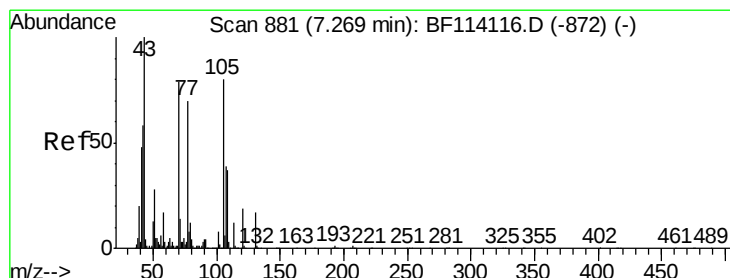
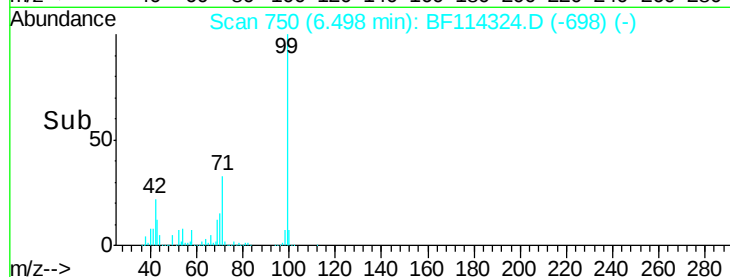
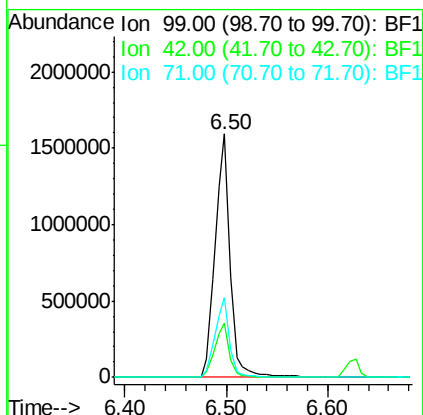
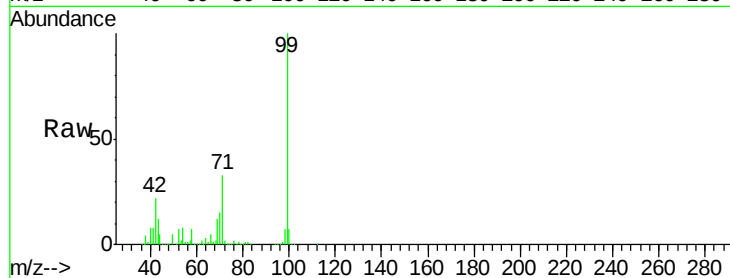
Tot Ion: 99 Resp: 1646712

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

71 32.5 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.909 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

Tgt Ion: 70 Resp: 130714

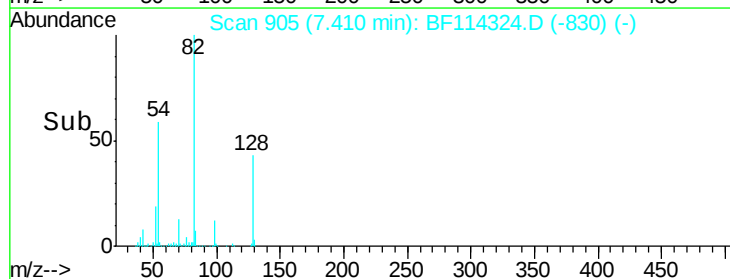
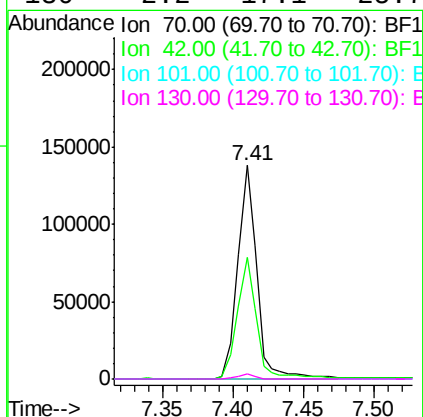
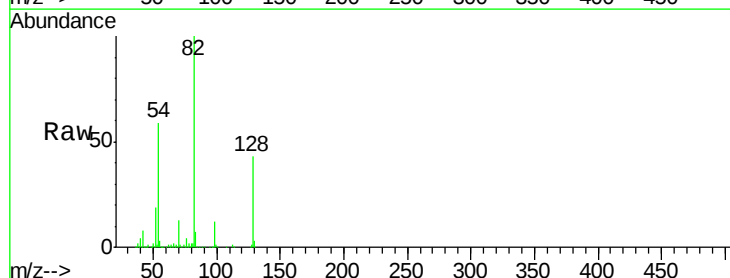
Ion Ratio Lower Upper

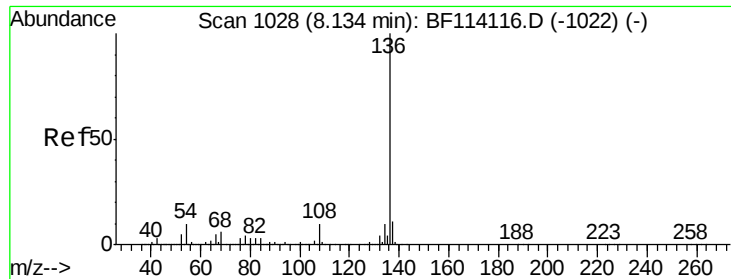
70 100

42 57.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-B

Tot Ion:136 Resp: 904127

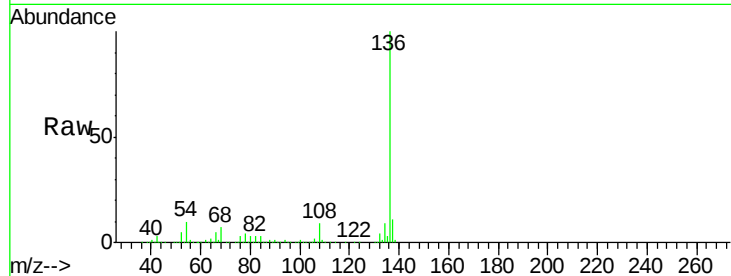
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.4 7.8 11.8

68 6.7 5.1 7.7

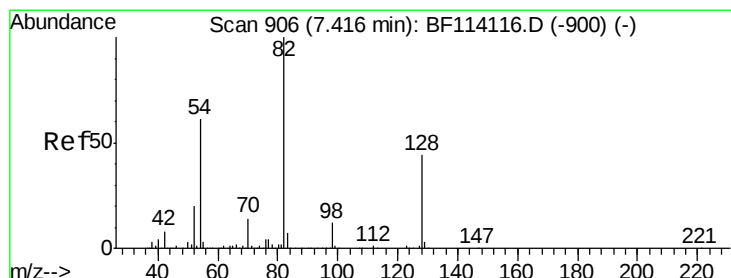
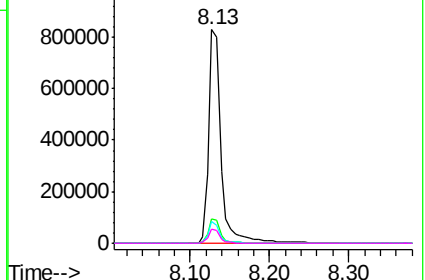
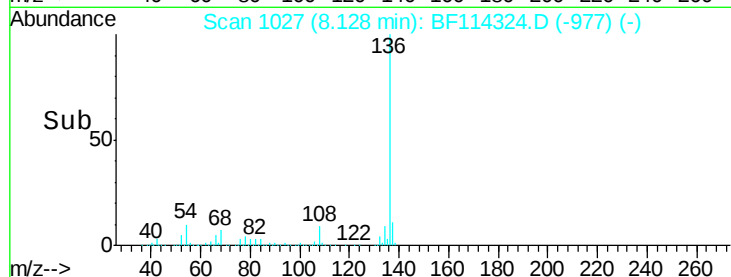


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.987 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

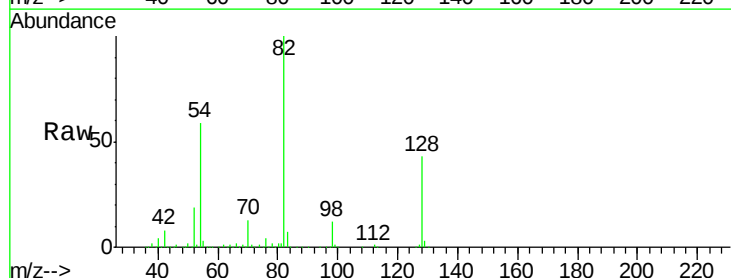
Tgt Ion: 82 Resp: 1014757

Ion Ratio Lower Upper

82 100

128 43.5 35.5 53.3

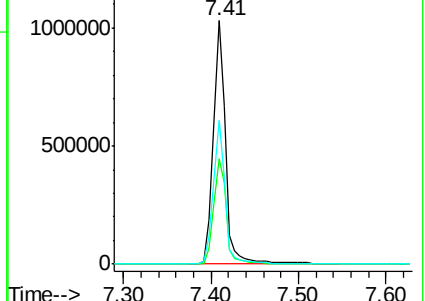
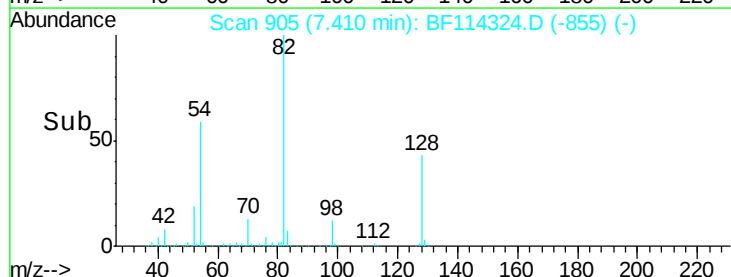
54 58.8 48.5 72.7



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: 33.962 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

Instrument :

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ClientSampleId :

HR-06-051519-B

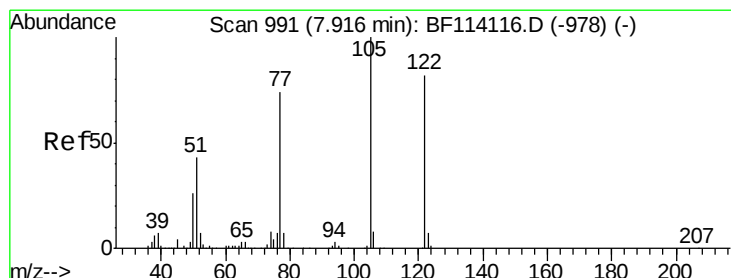
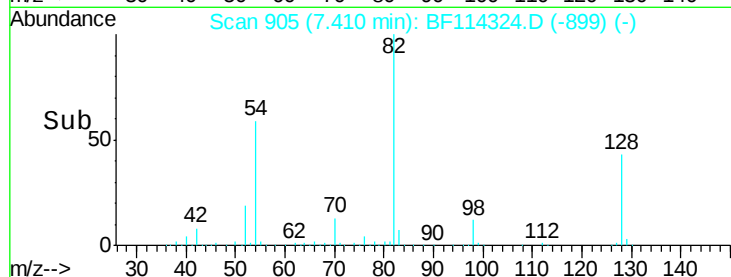
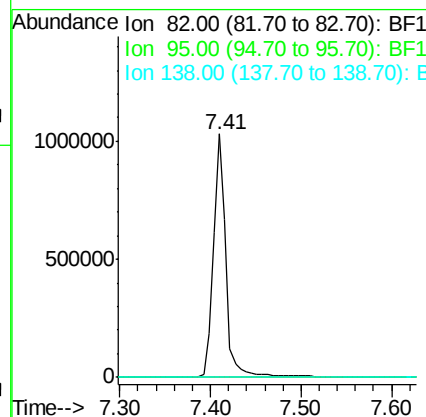
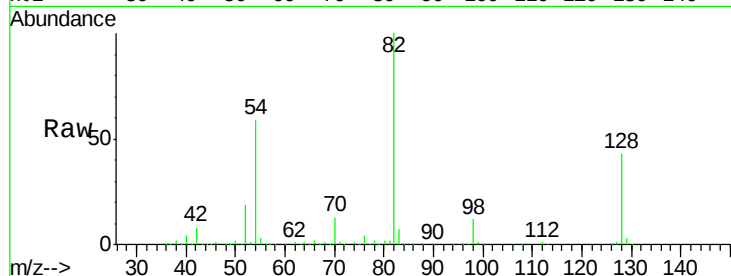
Tot Ion: 82 Resp: 1014750

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: 7.93 min Scan# 994

Delta R.T. 0.02 min

Lab File: BF114324.D

Acq: 16 May 2019 21:59

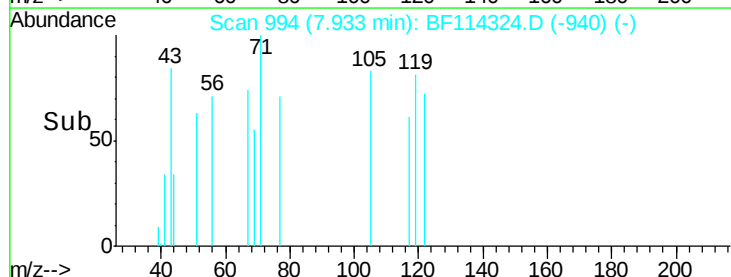
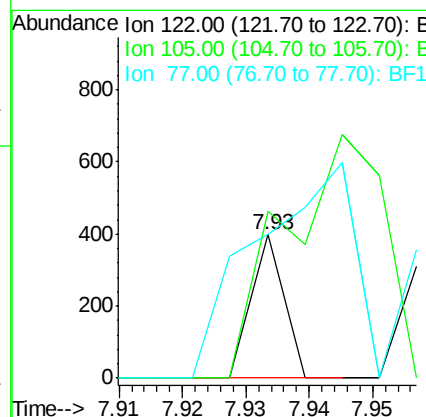
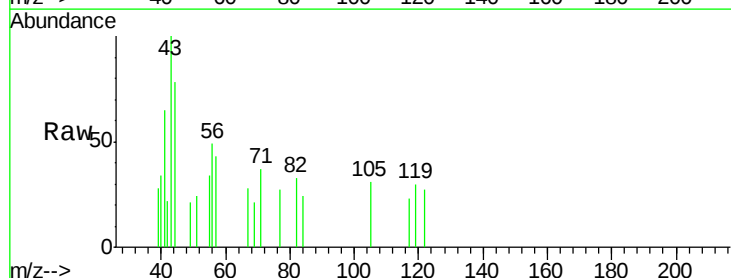
Tgt Ion:122 Resp: 141

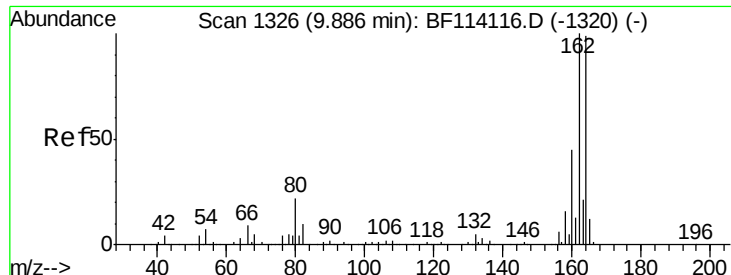
Ion Ratio Lower Upper

122 100

105 116.3 99.9 139.9

77 99.7 69.4 109.4

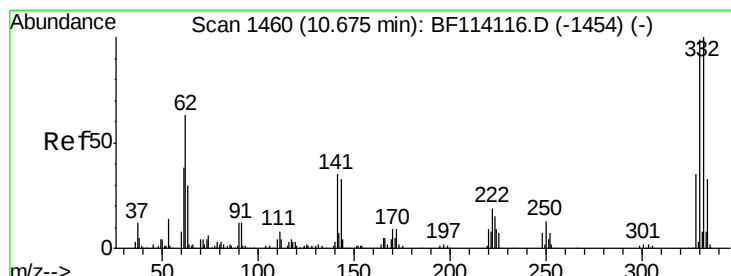
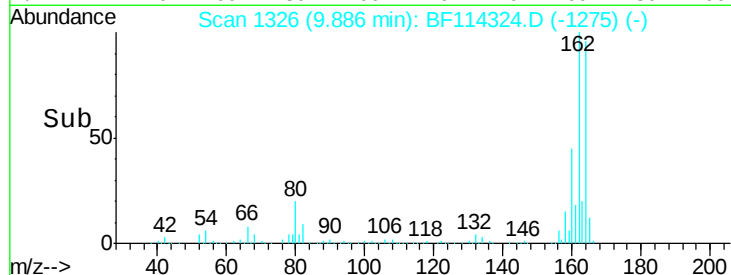
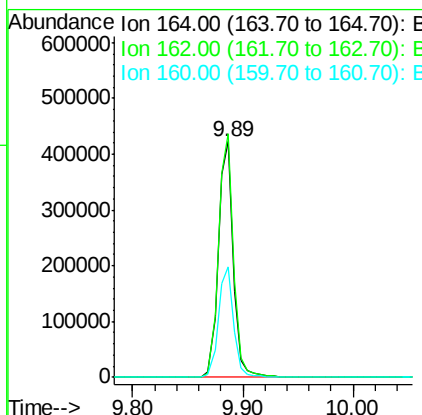
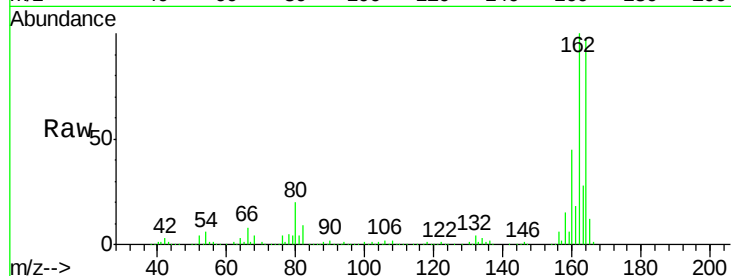




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114324.D
 Acq: 16 May 2019 21:59

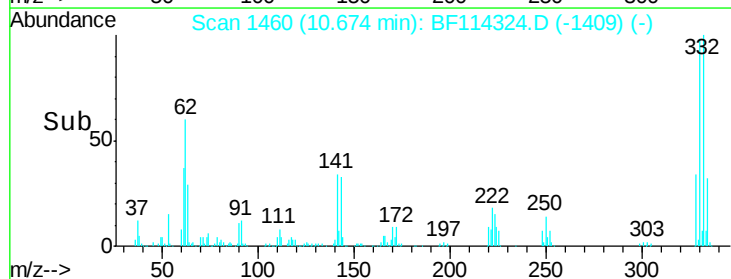
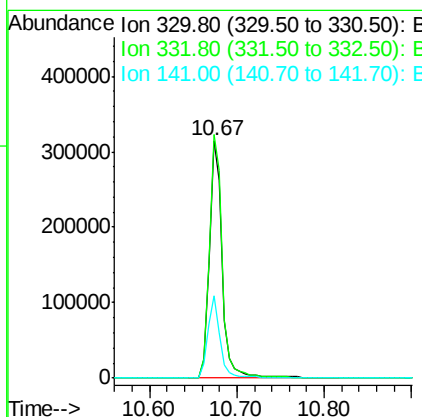
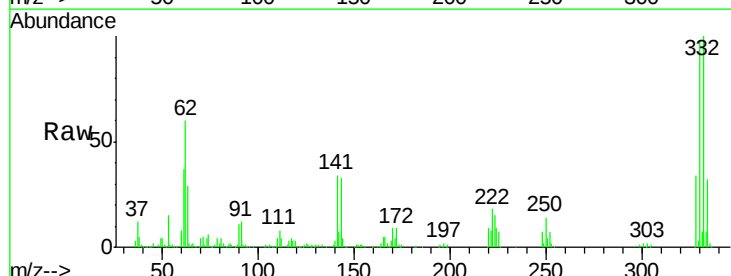
Instrument :
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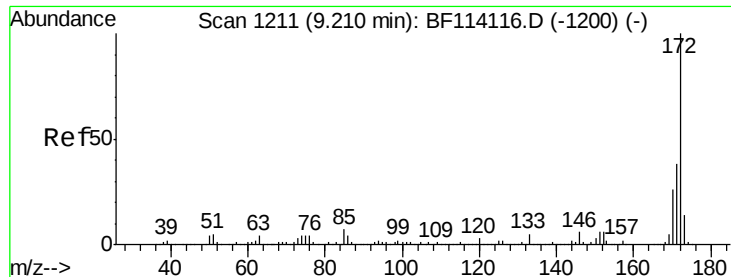
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	120.8
160	46.9	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 78.472 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114324.D
 Acq: 16 May 2019 21:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.9	81.4	122.2
141	33.2	26.6	40.0

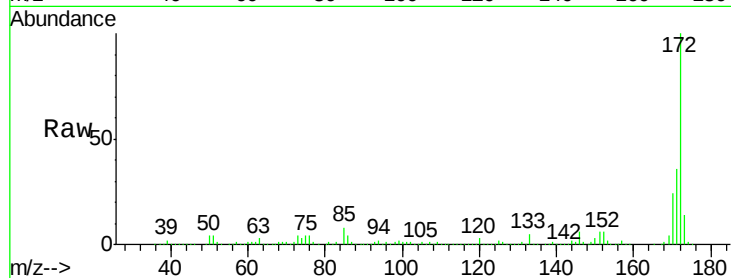




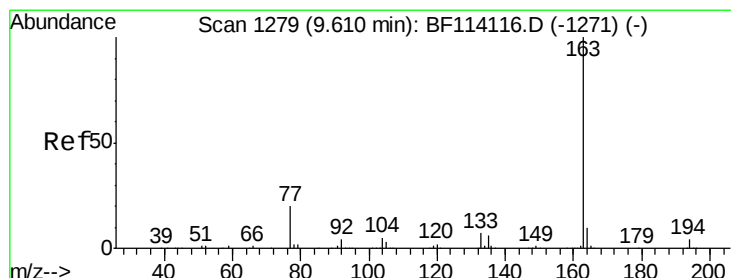
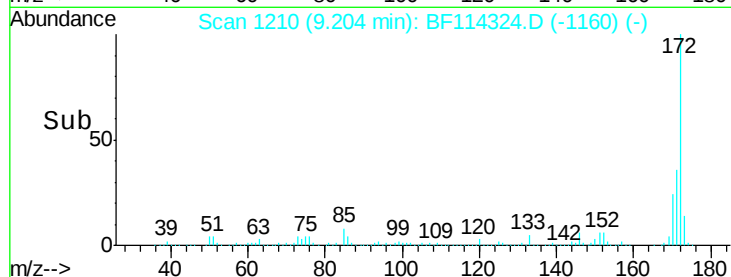
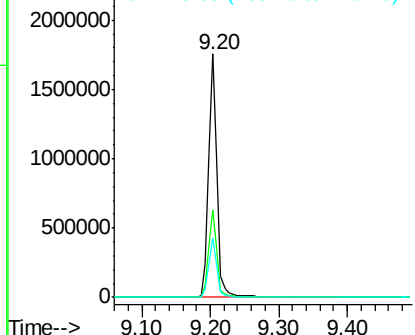
#45
2-Fluorobiphenyl
Concen: 59.708 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114324.D
Acq: 16 May 2019 21:59

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-B

Tot Ion:172 Resp: 1567344
Ion Ratio Lower Upper
172 100
171 36.1 30.7 46.1
170 24.2 20.5 30.7

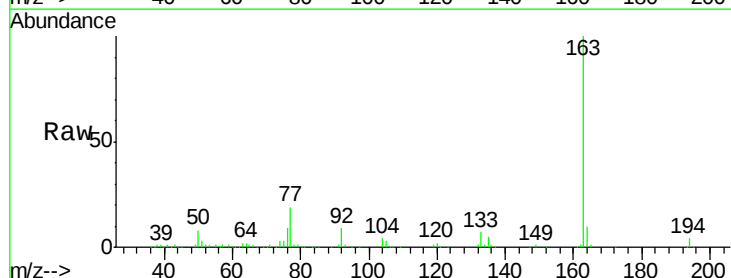


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

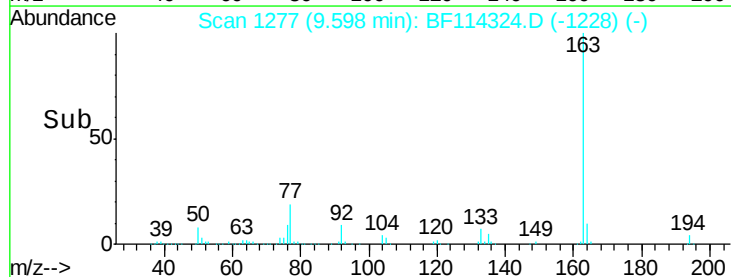
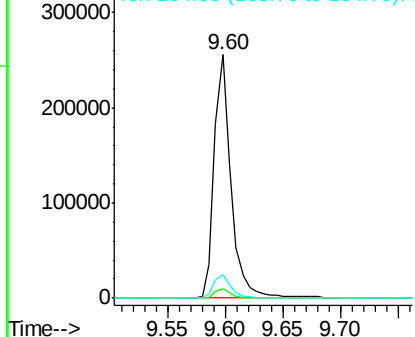


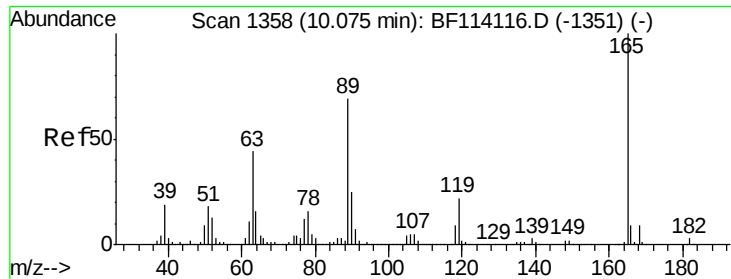
#50
Dimethylphthalate
Concen: 8.872 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114324.D
Acq: 16 May 2019 21:59

Tgt Ion:163 Resp: 258603
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

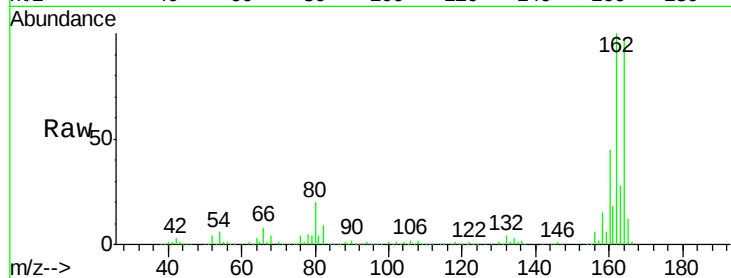




#57
 2,4-Dinitrotoluene
 Concen: 5.834 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114324.D
 Acq: 16 May 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051519-B

Tot Ion:165	Resp:	51191
Ion Ratio	Lower	Upper
165	100	
63	1.5	35.5 53.3#
89	1.6	55.2 82.8#
182	0.0	2.2 3.2#

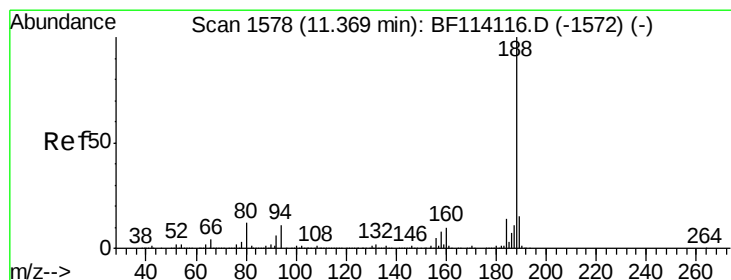
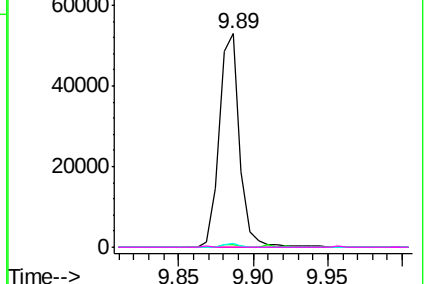
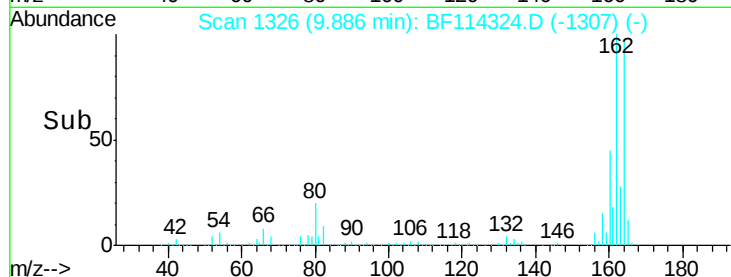


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

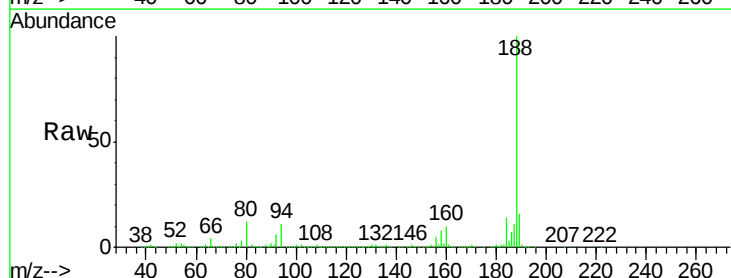
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114324.D
 Acq: 16 May 2019 21:59

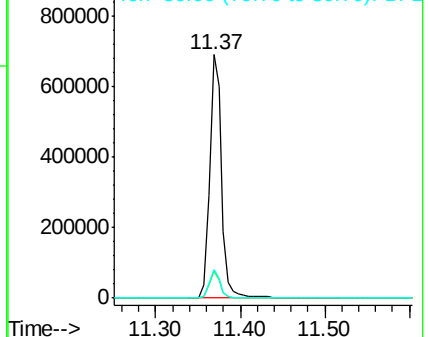
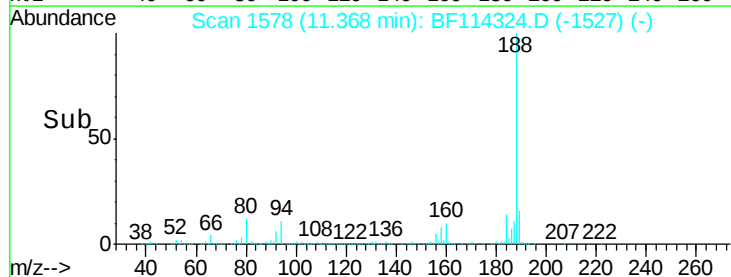
Tgt Ion:188	Resp:	683786
Ion Ratio	Lower	Upper
188	100	
94	11.0	8.4 12.6
80	11.6	9.2 13.8

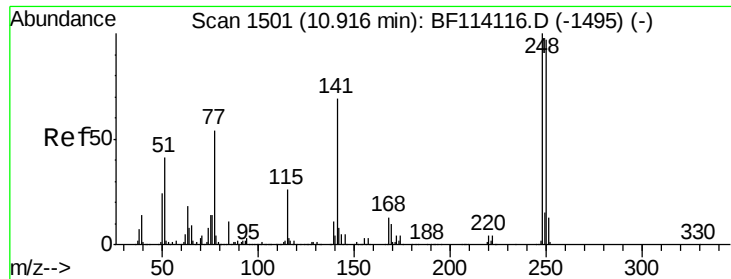


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

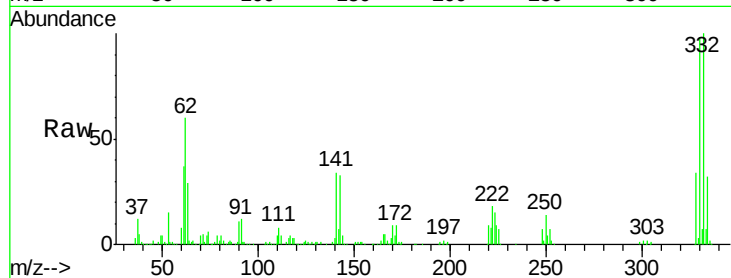




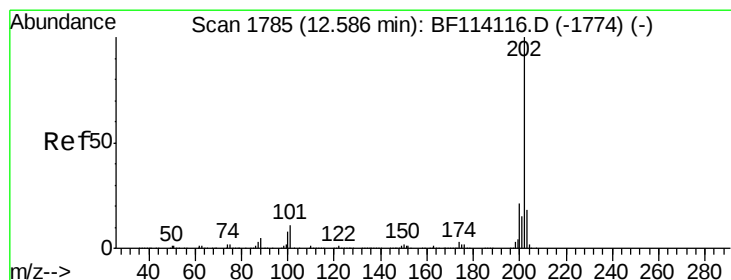
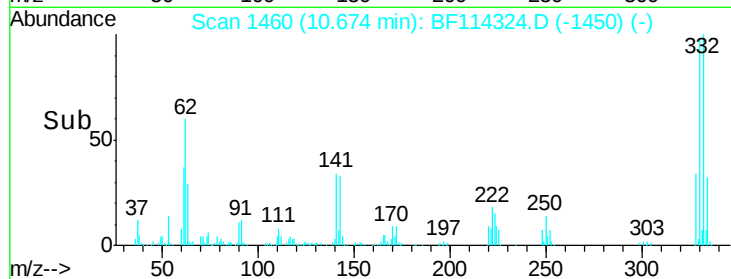
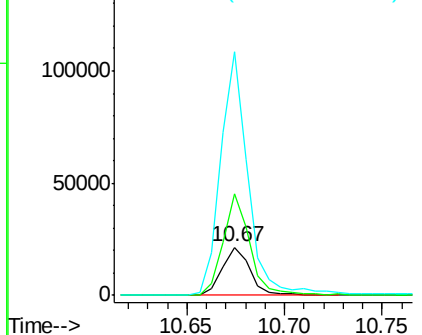
#67
4-Bromophenyl-phenylether
Concen: 2.820 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114324.D
Acq: 16 May 2019 21:59

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-B

Tot Ion	Ratio	Lower	Upper
248	100		
250	210.0	77.4	116.2#
141	503.2	55.6	83.4#

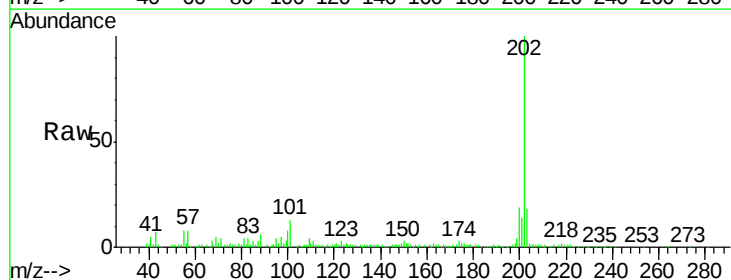


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

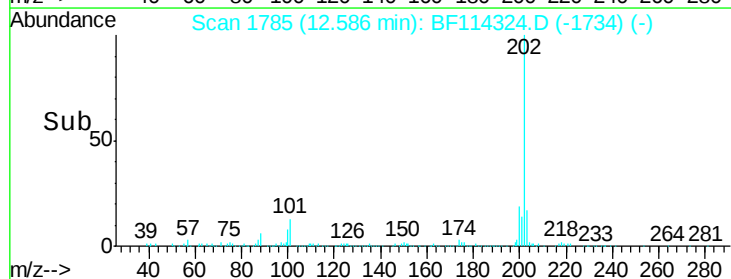
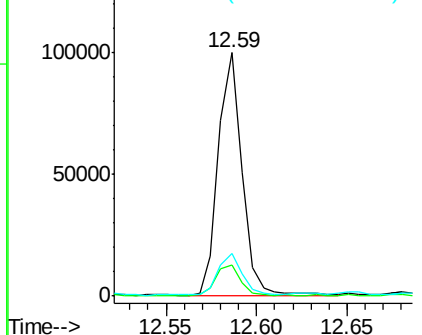


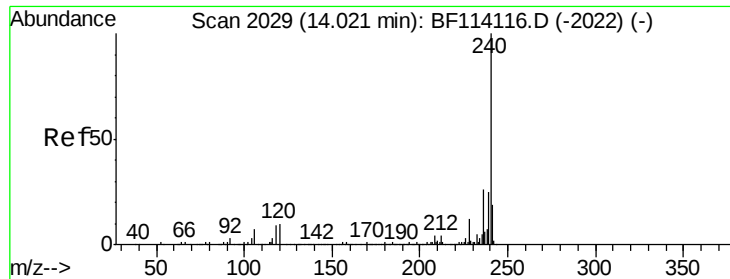
#75
Fluoranthene
Concen: 2.607 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF114324.D
Acq: 16 May 2019 21:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.0
203	17.6	0.0	38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

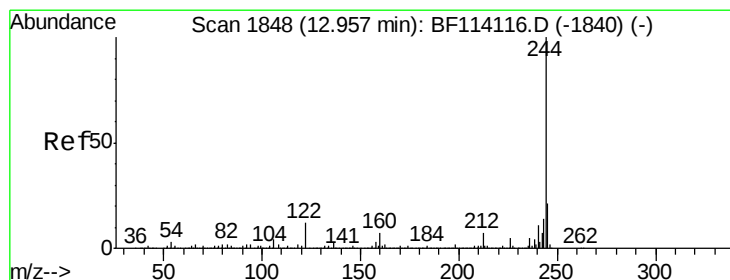
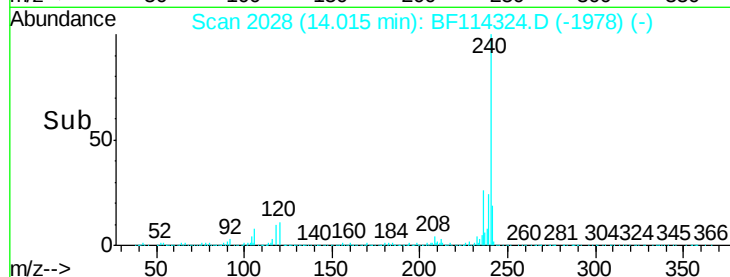
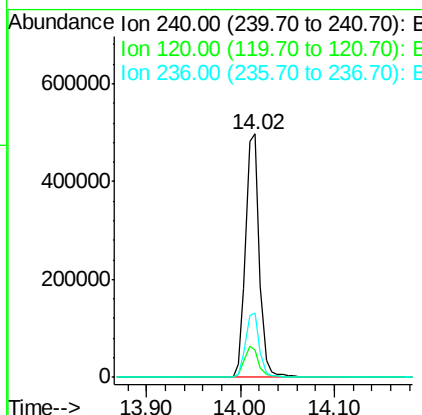
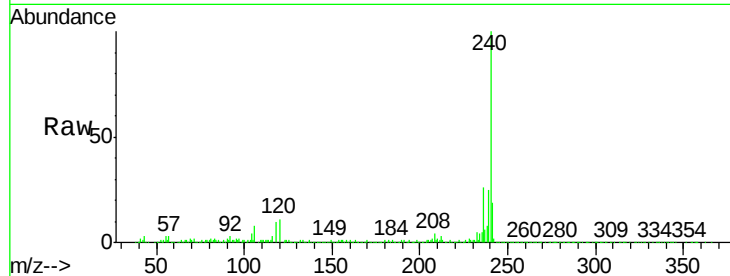




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF114324.D
 Acq: 16 May 2019 21:59

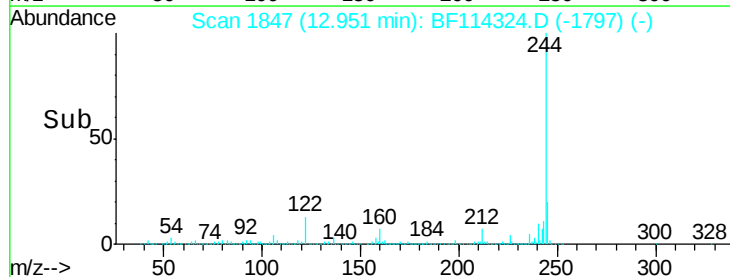
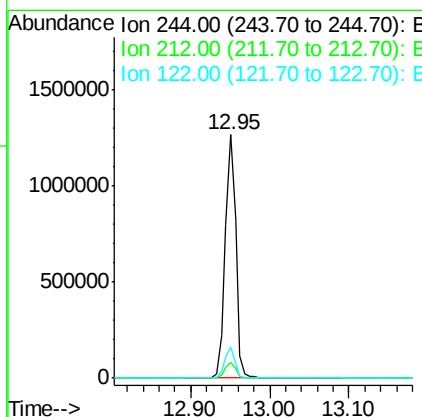
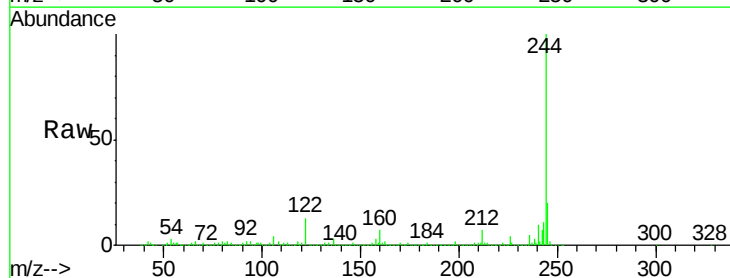
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051519-B

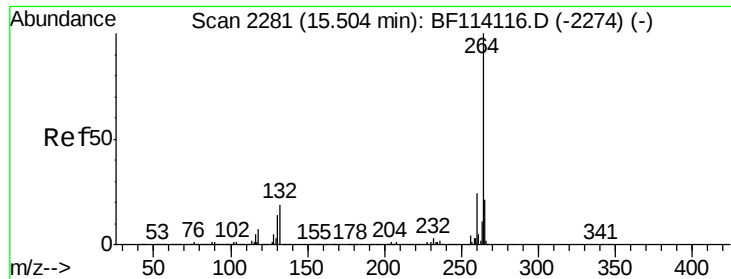
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	26.2	20.8	31.2



#79
 Terphenyl-d14
 Concen: 46.803 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114324.D
 Acq: 16 May 2019 21:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	12.9	9.4	14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF114324.D
Acq: 16 May 2019 21:59

Instrument :
BNA_F
ClientSampleId :
HR-06-051519-B

Tot Ion:	264	Resp:	573281
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.6	16.9	25.3

