

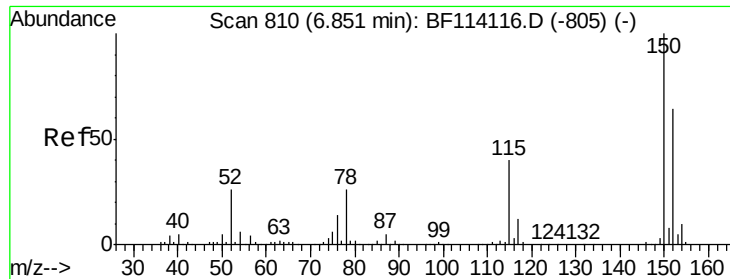
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114313.D
 Acq On : 16 May 2019 17:07
 Operator : JU/SJ
 Sample : K2637-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 17 08:03:25 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	235453	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	900592	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	435107	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	846882	20.00	ng	0.00
76) Chrysene-d12	14.02	240	537650	20.00	ng	0.00
87) Perylene-d12	15.50	264	573570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1409841	96.36	ng	0.02
7) Phenol-d6	6.50	99	1648554	95.27	ng	0.00
23) Nitrobenzene-d5	7.41	82	1268253	79.03	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	483615	107.51	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2128928	74.01	ng	0.00
79) Terphenyl-d14	12.96	244	2007104	76.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	169576	15.460	ng	# 75
25) Isophorone	7.41	82	1268236	42.613	ng	# 64
32) Benzoic acid	8.03	122	394	7.059	ng	# 98
51) 2,6-Dinitrotoluene	9.89	165	54590	7.706	ng	# 22
57) 2,4-Dinitrotoluene	9.89	165	54591	5.677	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	32016	3.434	ng	# 1

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

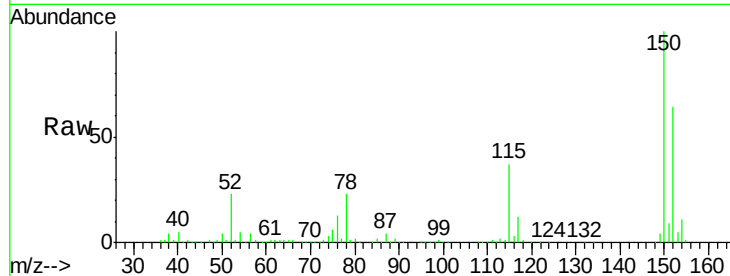


#1

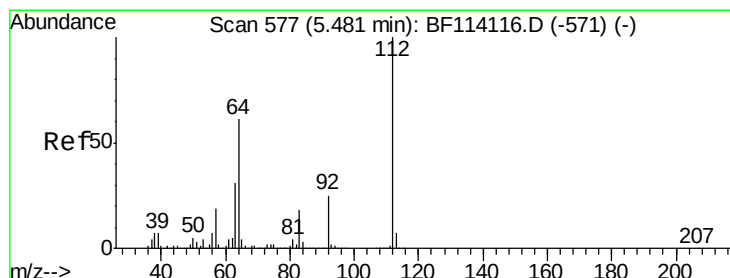
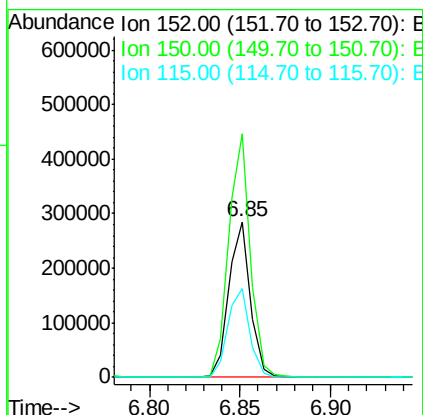
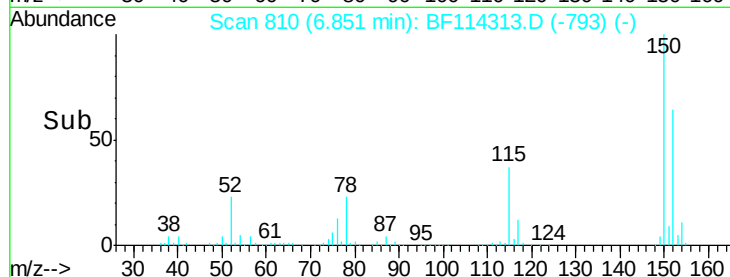
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114313.D
Acq: 16 May 2019 17:07

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

Tot Ion:152 Resp: 235453
Ion Ratio Lower Upper
152 100
150 156.7 124.3 186.5
115 57.2 49.1 73.7



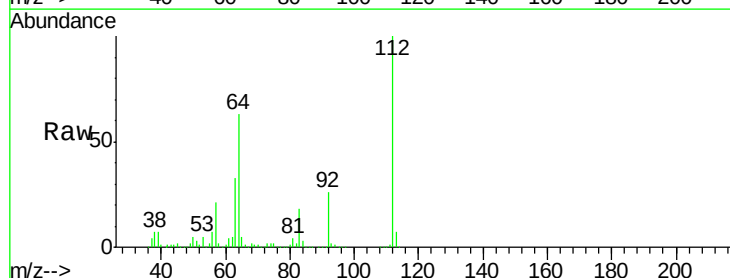
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



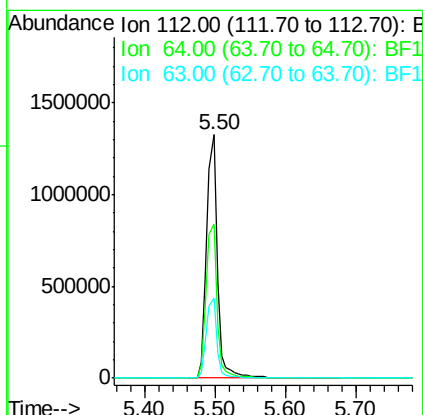
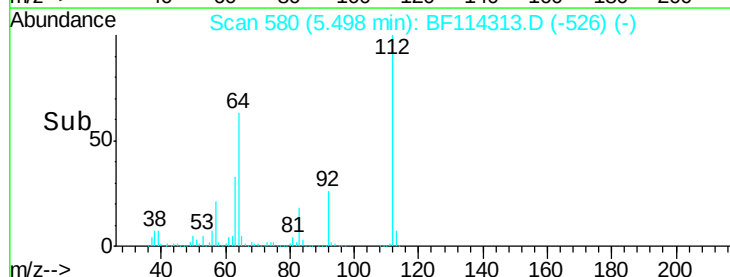
#5

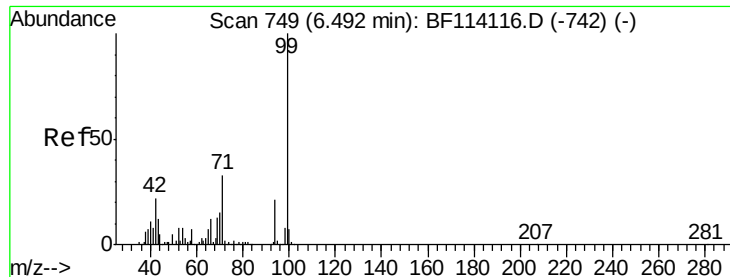
2-Fluorophenol
Concen: 96.359 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114313.D
Acq: 16 May 2019 17:07

Tgt Ion:112 Resp: 1409841
Ion Ratio Lower Upper
112 100
64 63.5 49.0 73.6
63 32.6 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: 95.266 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114313.D

Acq: 16 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-B

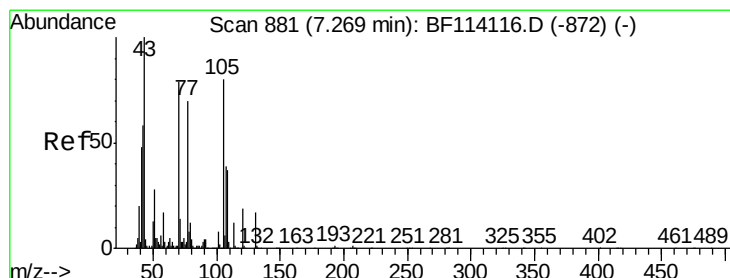
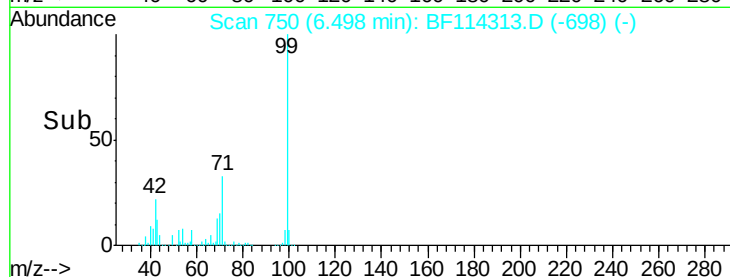
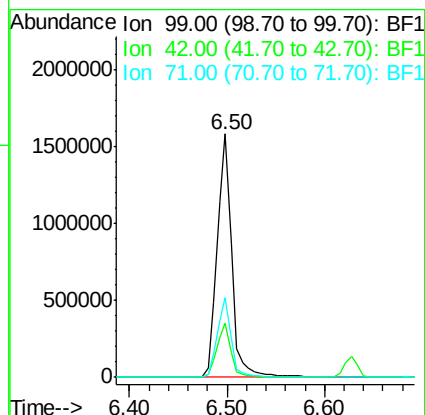
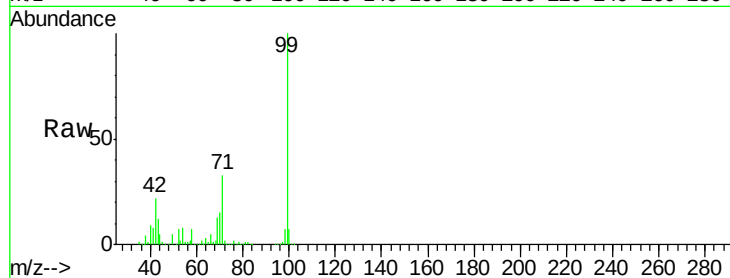
Tot Ion: 99 Resp: 1648554

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

71 32.8 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.460 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114313.D

Acq: 16 May 2019 17:07

Tgt Ion: 70 Resp: 169576

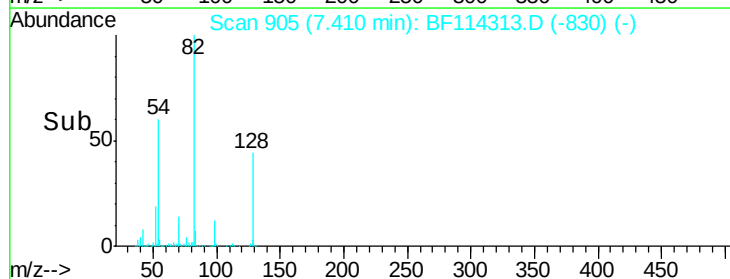
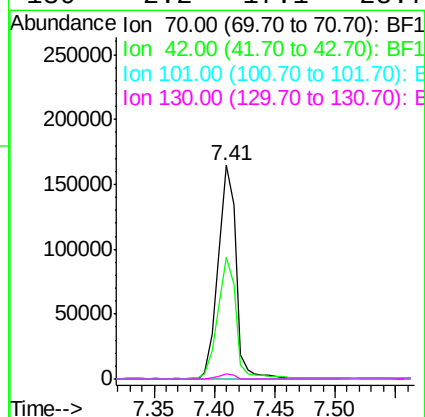
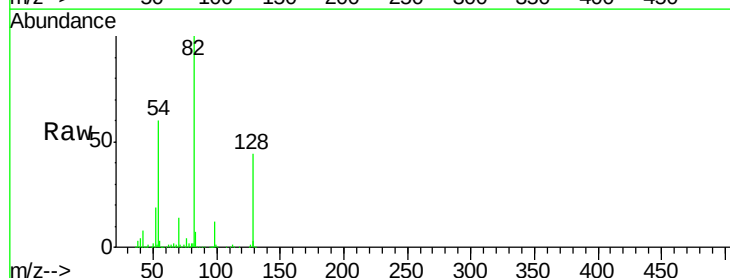
Ion Ratio Lower Upper

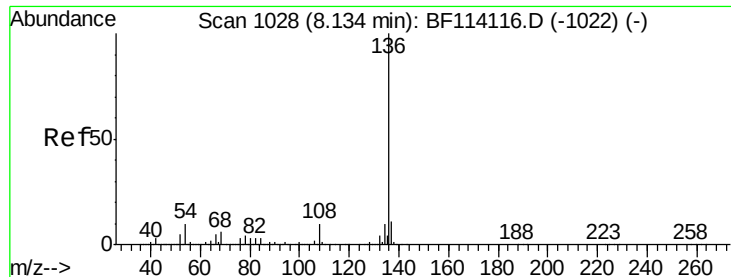
70 100

42 56.8 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#

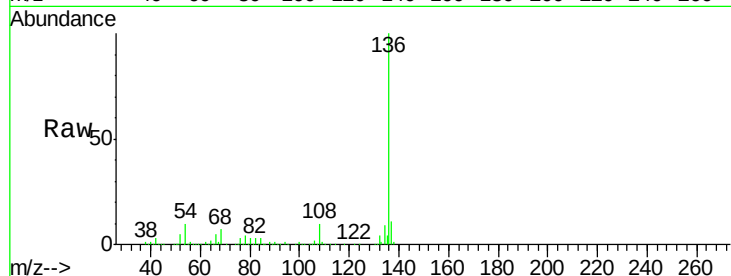




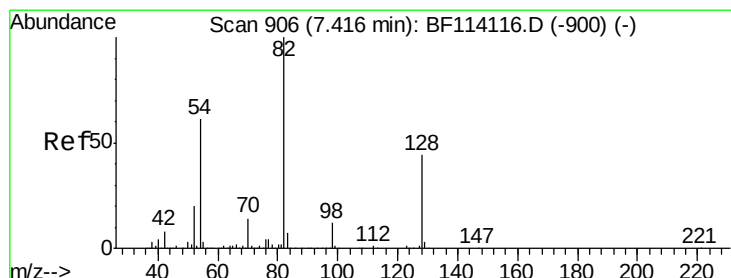
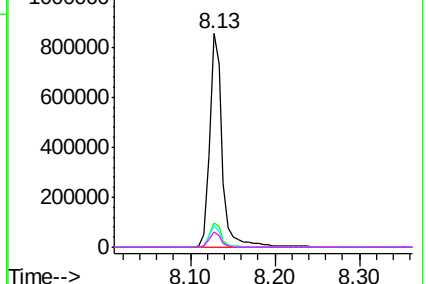
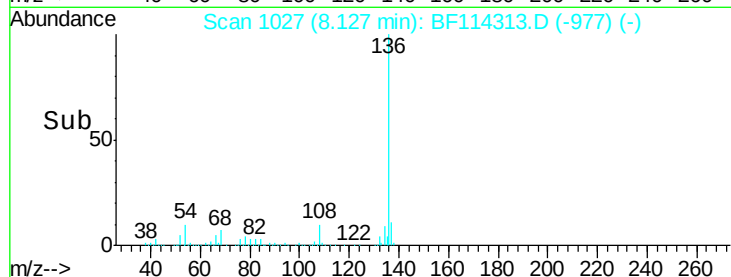
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114313.D
Acq: 16 May 2019 17:07

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

Tot Ion:136	Resp:	900592	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.8	13.2	
54 10.4	7.8	11.8	
68 6.9	5.1	7.7	

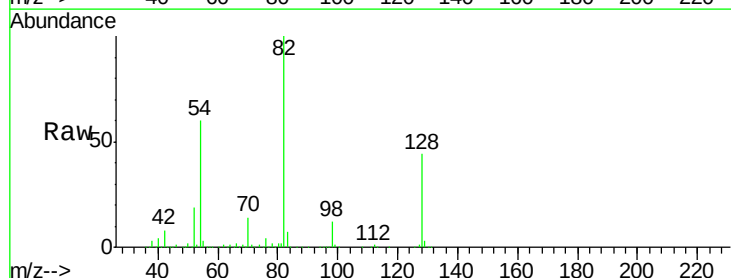


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

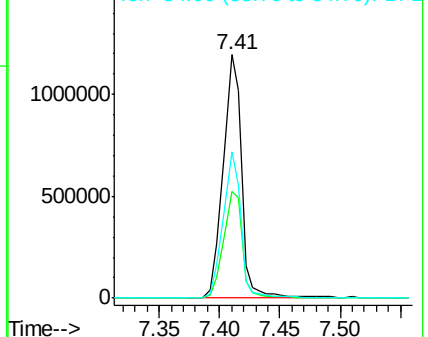
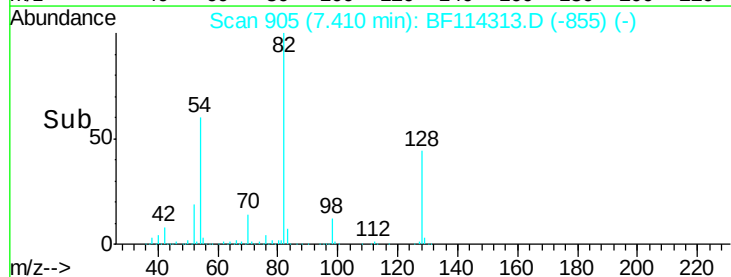


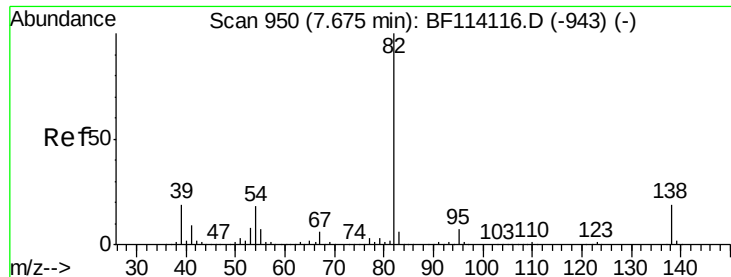
#23
Nitrobenzene-d5
Concen: 79.031 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114313.D
Acq: 16 May 2019 17:07

Tgt Ion: 82	Resp: 1268253
Ion Ratio	Lower Upper
82 100	
128 43.7	35.5 53.3
54 59.9	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: 42.613 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114313.D

Acq: 16 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-B

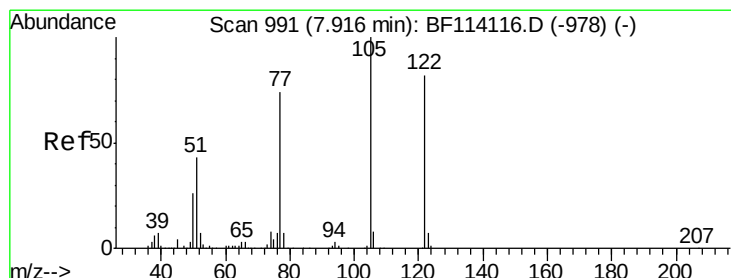
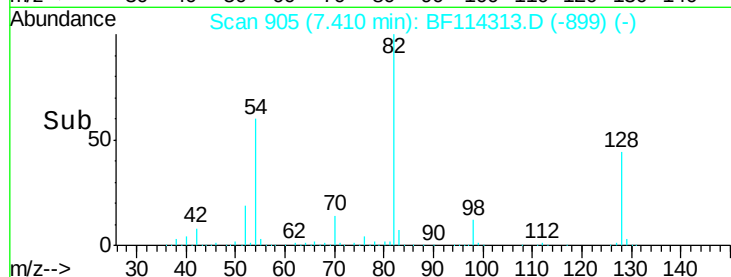
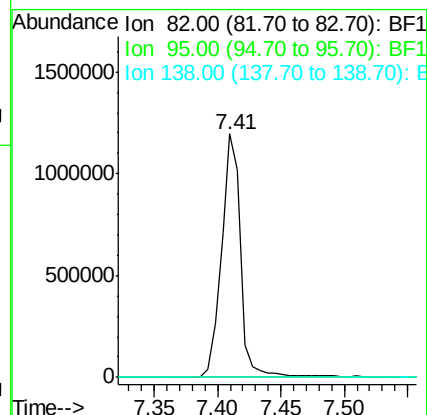
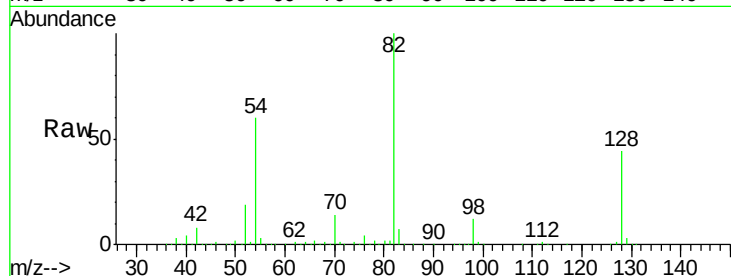
Tot Ion: 82 Resp: 1268236

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.059 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.11 min

Lab File: BF114313.D

Acq: 16 May 2019 17:07

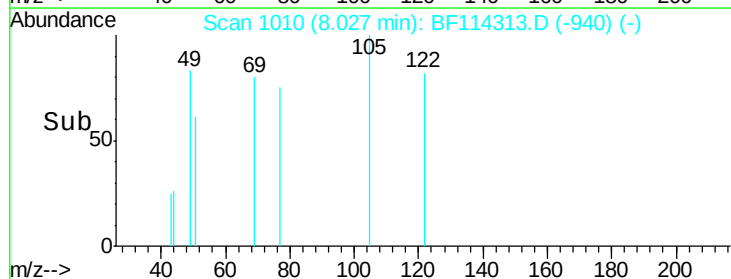
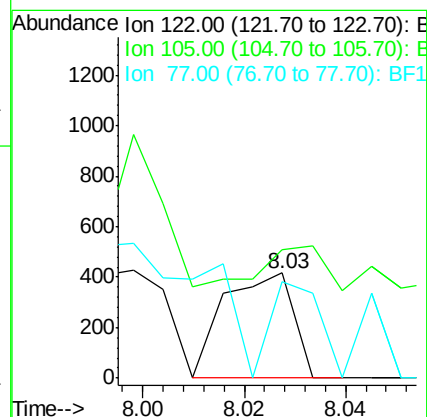
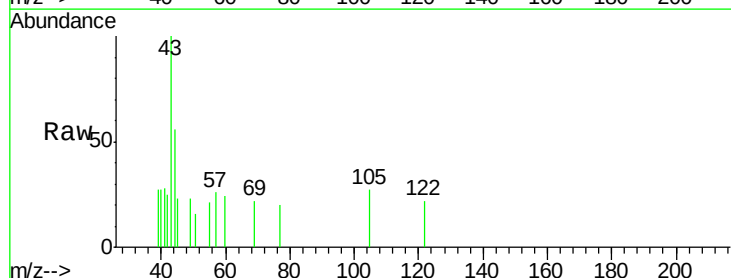
Tgt Ion:122 Resp: 394

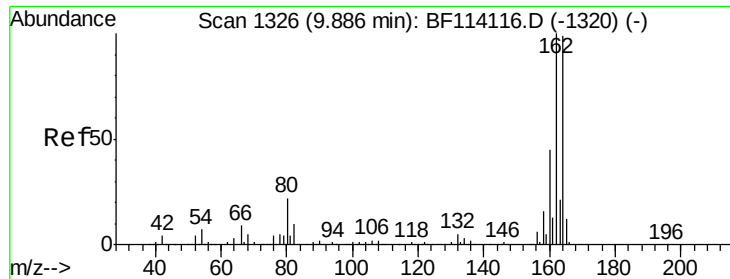
Ion Ratio Lower Upper

122 100

105 122.4 99.9 139.9

77 91.6 69.4 109.4

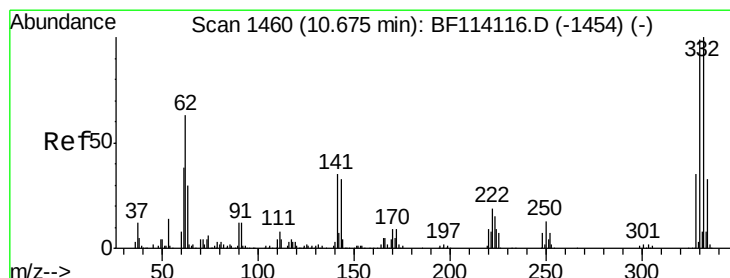
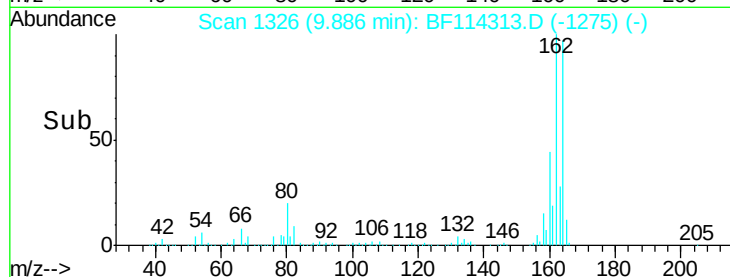
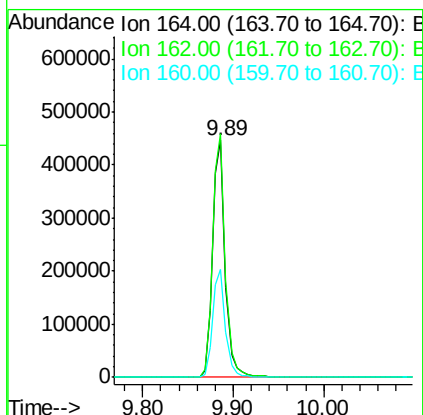
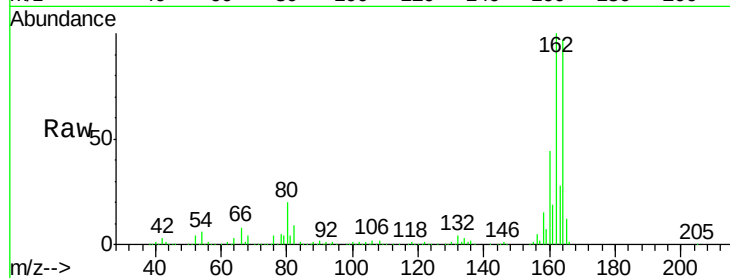




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114313.D
 Acq: 16 May 2019 17:07

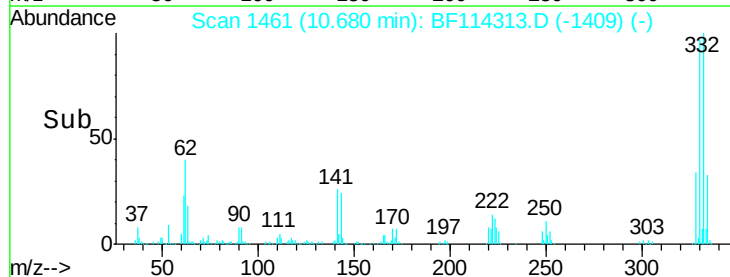
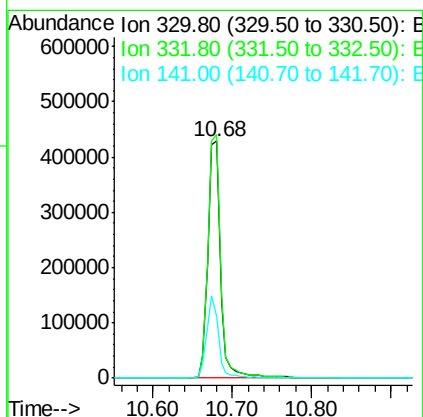
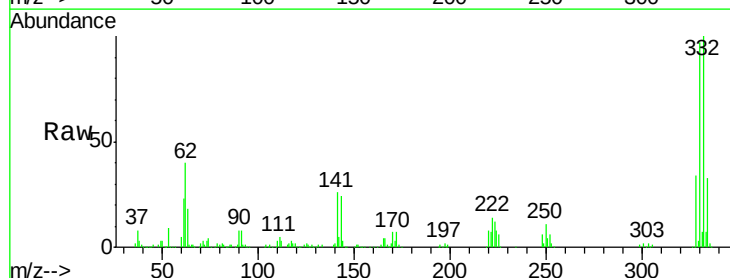
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051519-B

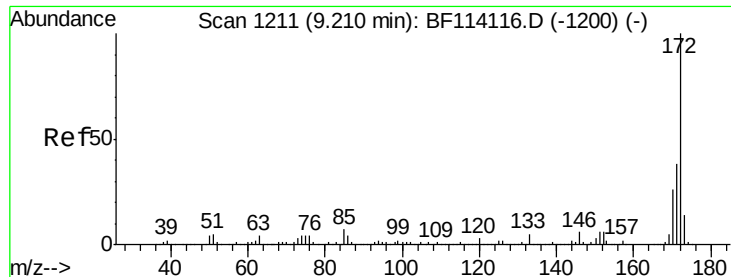
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	45.5	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 107.511 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114313.D
 Acq: 16 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.4	81.4	122.2
141	32.6	26.6	40.0

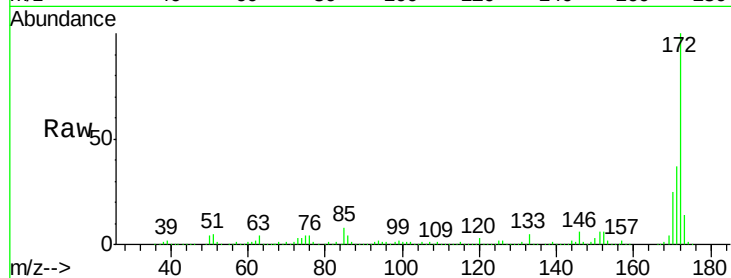




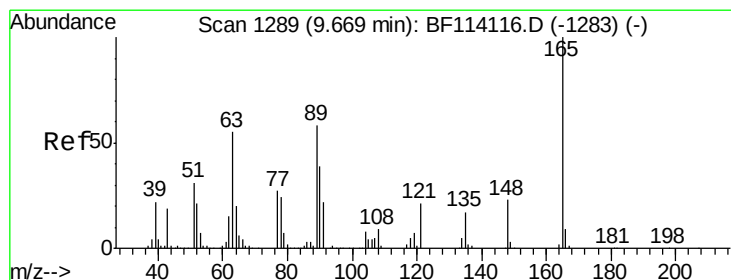
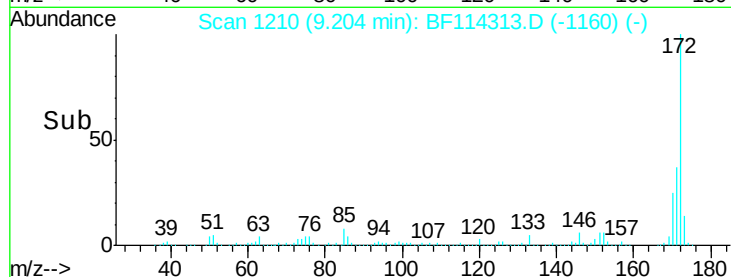
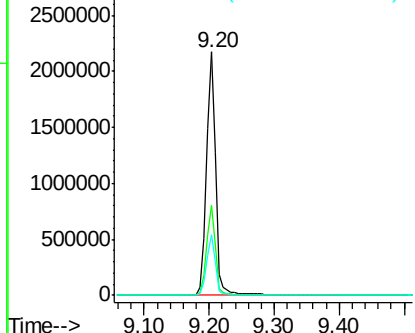
#45
 2-Fluorobiphenyl
 Concen: 74.013 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114313.D
 Acq: 16 May 2019 17:07

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

Tot Ion:172 Resp: 2128928
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.7 46.1
 170 24.7 20.5 30.7

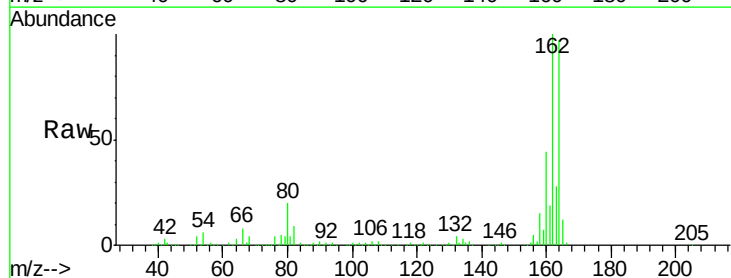


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

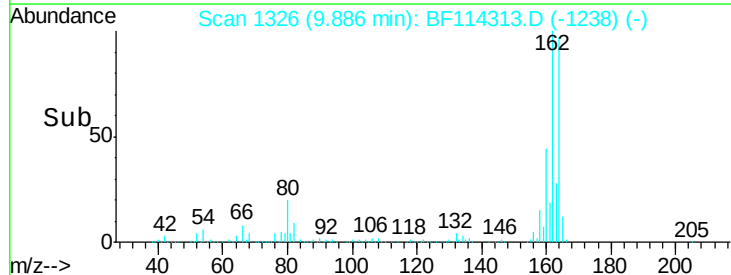
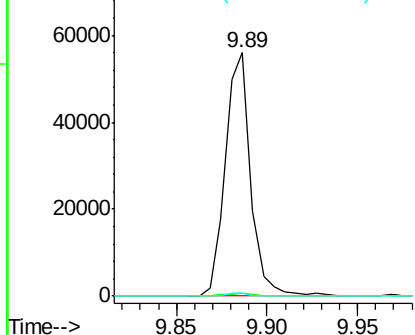


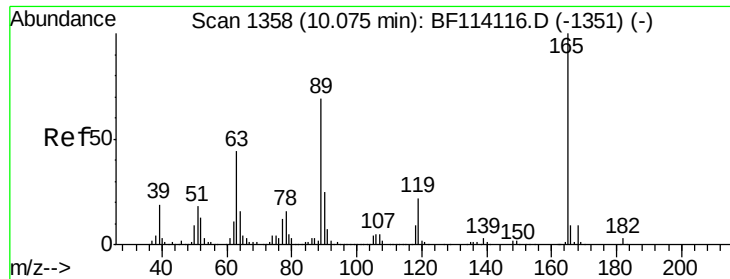
#51
 2,6-Dinitrotoluene
 Concen: 7.706 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.22 min
 Lab File: BF114313.D
 Acq: 16 May 2019 17:07

Tgt Ion:165 Resp: 54590
 Ion Ratio Lower Upper
 165 100
 63 1.4 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: 5.677 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.19 min

Lab File: BF114313.D

Acq: 16 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-B

Tot Ion:165 Resp: 54591

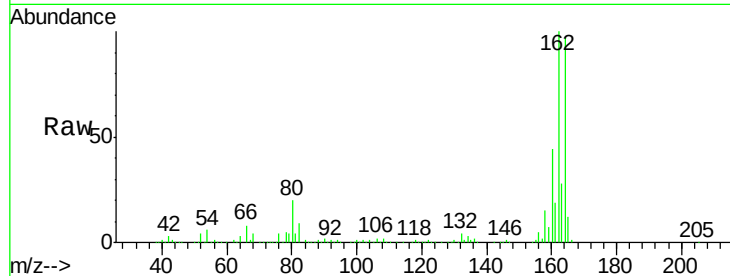
Ion Ratio Lower Upper

165 100

63 1.4 35.5 53.3#

89 1.0 55.2 82.8#

182 0.0 2.2 3.2#

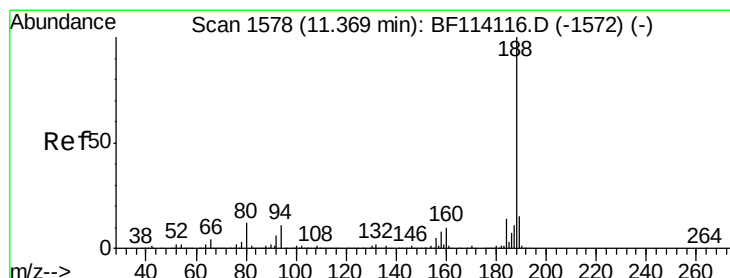
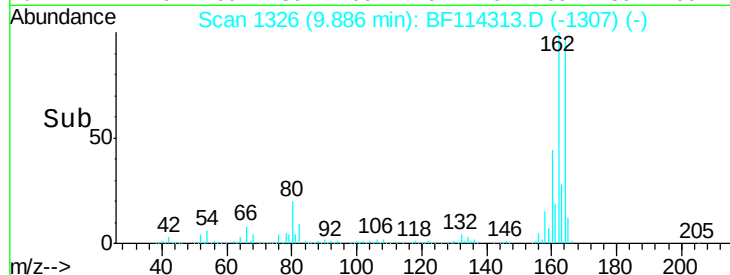
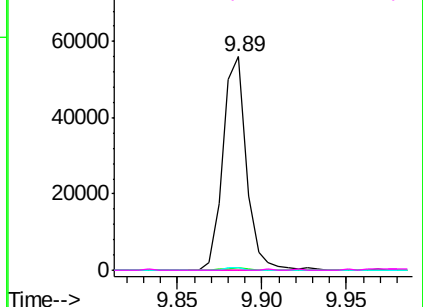


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114313.D

Acq: 16 May 2019 17:07

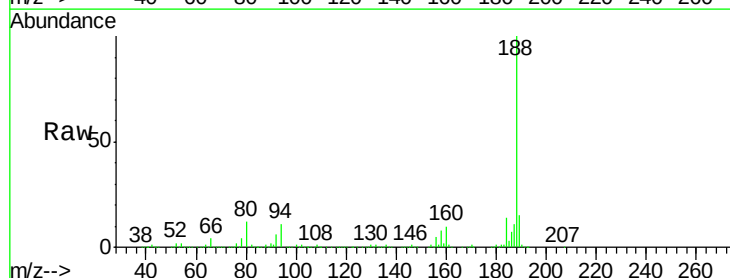
Tgt Ion:188 Resp: 846882

Ion Ratio Lower Upper

188 100

94 11.1 8.4 12.6

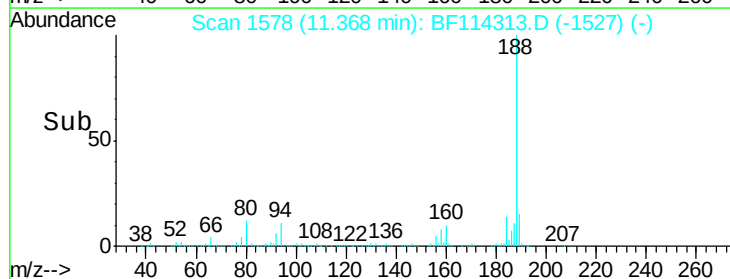
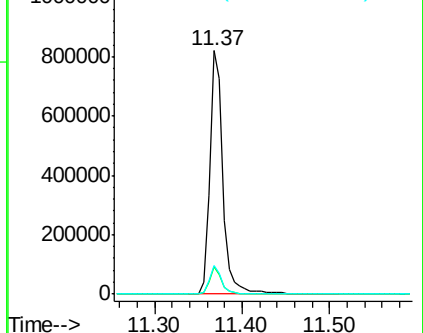
80 11.9 9.2 13.8

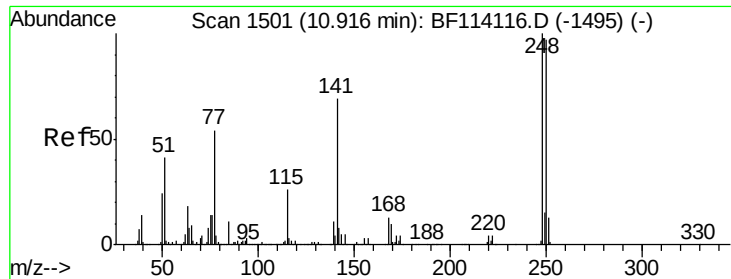


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

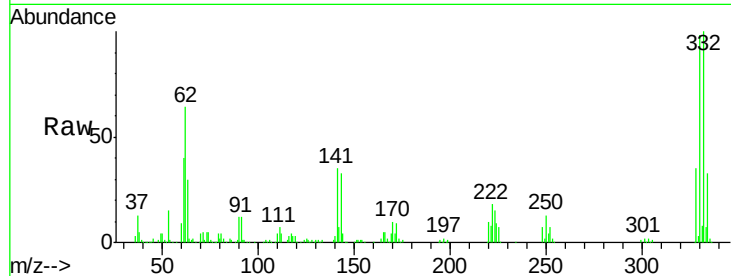




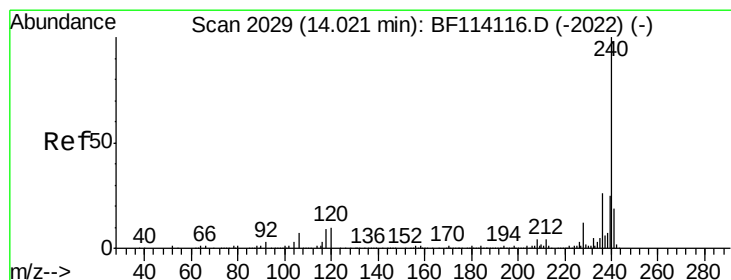
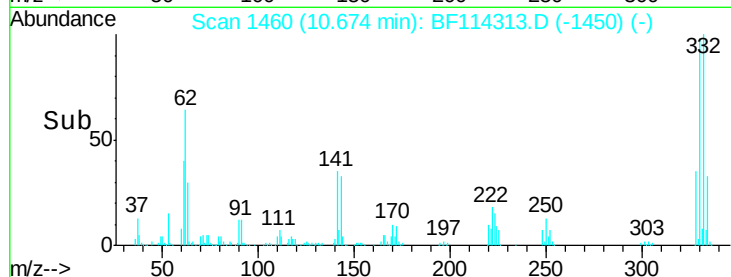
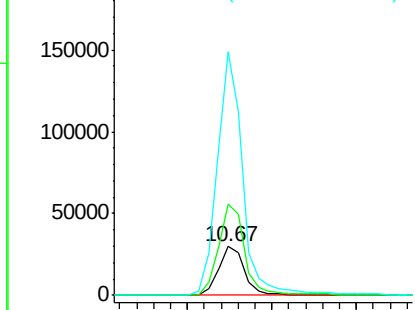
#67
4-Bromophenyl-phenylether
Concen: 3.434 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114313.D
Acq: 16 May 2019 17:07

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

Tot Ion:248 Resp: 32016
Ion Ratio Lower Upper
248 100
250 187.6 77.4 116.2#
141 497.4 55.6 83.4#

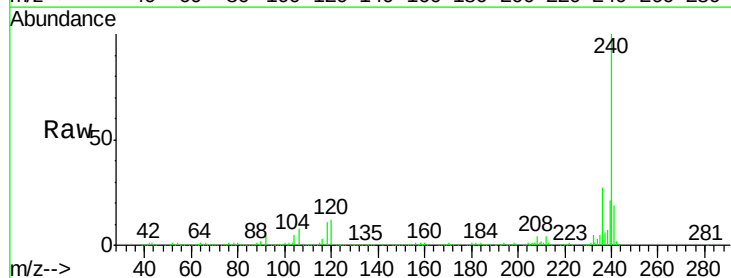


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

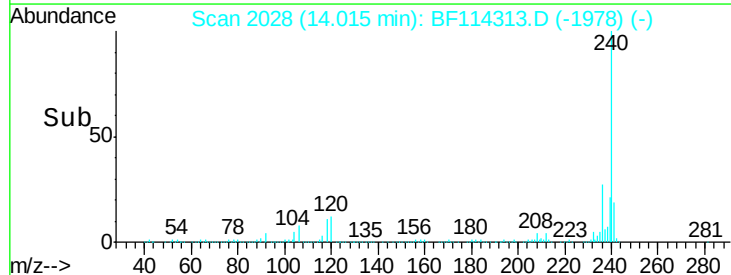
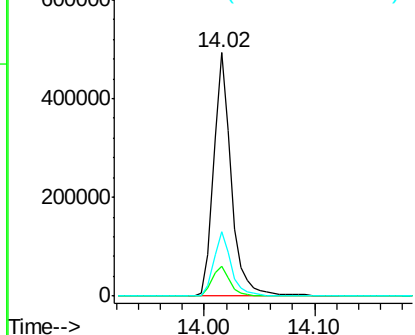


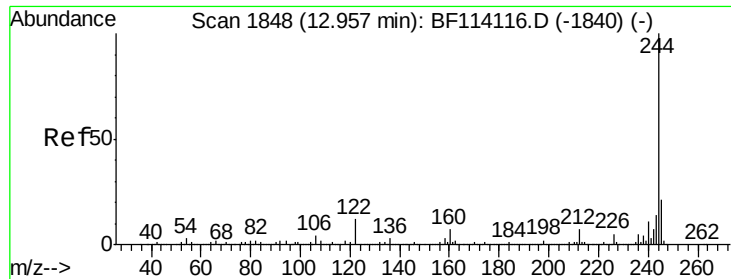
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114313.D
Acq: 16 May 2019 17:07

Tgt Ion:240 Resp: 537650
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 26.7 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: 76.955 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114313.D

Acq: 16 May 2019 17:07

Instrument :

BNA_F

ClientSampleId :

HR-06-051519-B

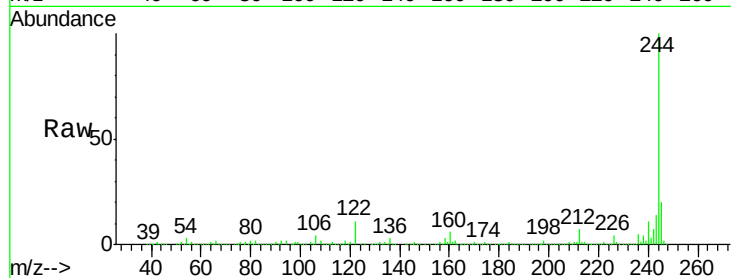
Tot Ion:244 Resp: 2007104

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

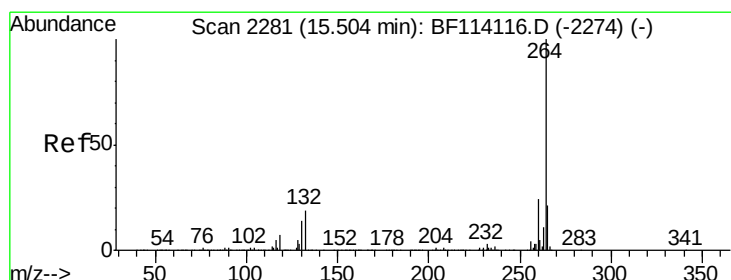
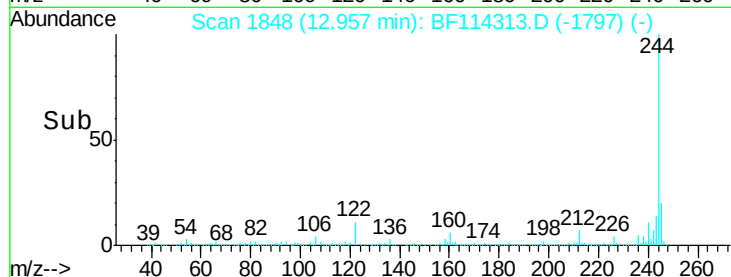
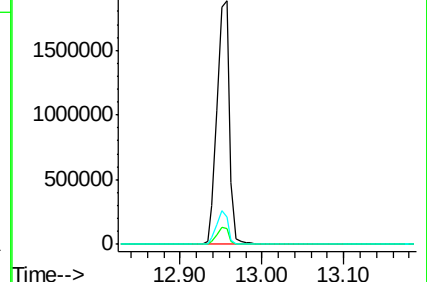
122 11.2 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF114313.D

Acq: 16 May 2019 17:07

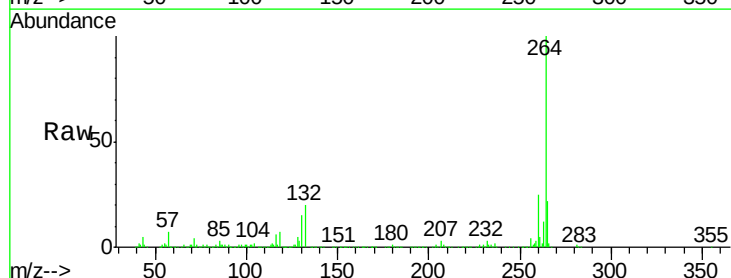
Tgt Ion:264 Resp: 573570

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.0

265 22.0 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

