

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114367.D
 Acq On : 17 May 2019 23:50
 Operator : JU/SJ
 Sample : K2894-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:07:00 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

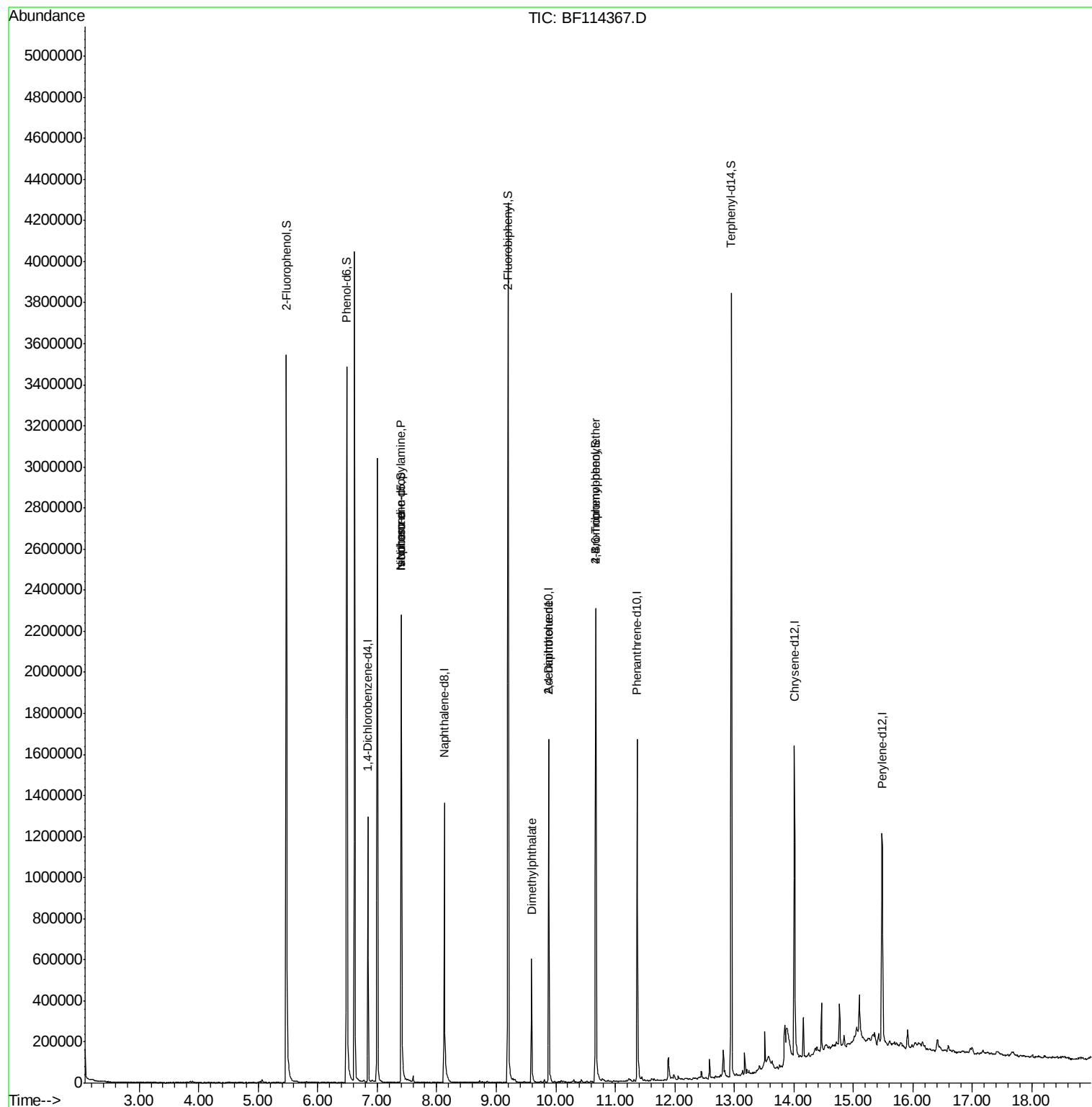
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	178093	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	684144	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	321580	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	637060	20.00	ng	0.00
76) Chrysene-d12	14.01	240	480204	20.00	ng	-0.01
87) Perylene-d12	15.49	264	455183	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1013017	91.54	ng	0.00
7) Phenol-d6	6.49	99	1328604	101.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	768174	63.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	308622	92.83	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1358979	63.92	ng	-0.01
79) Terphenyl-d14	12.95	244	1280329	54.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	99876	12.038	ng	# 78
25) Isophorone	7.40	82	768169	33.976	ng	# 64
50) Dimethylphthalate	9.59	163	255256	10.813	ng	100
57) 2,4-Dinitrotoluene	9.88	165	41373	5.822	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	20246	2.886	ng	# 1

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

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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
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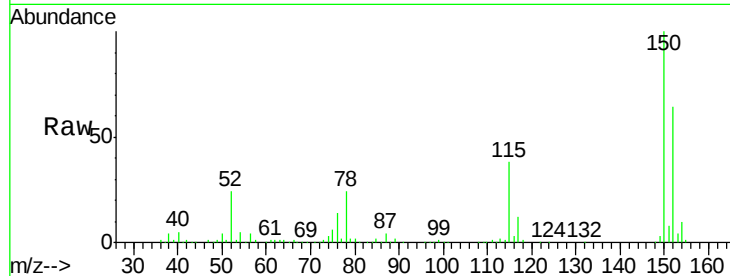


#1

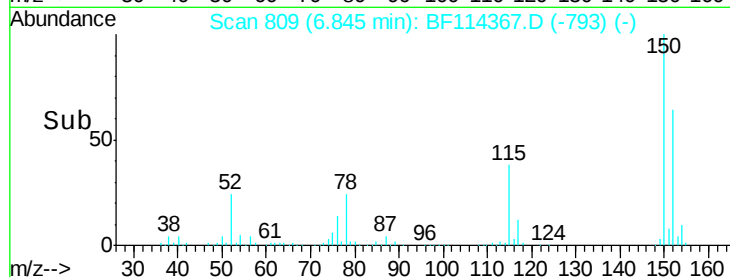
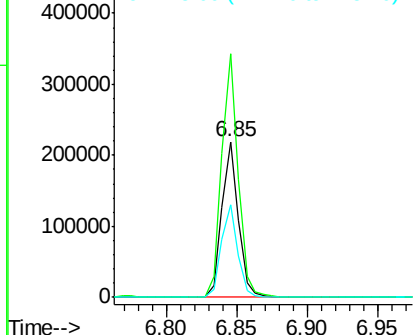
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114367.D
Acq: 17 May 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178093
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 59.3 49.1 73.7



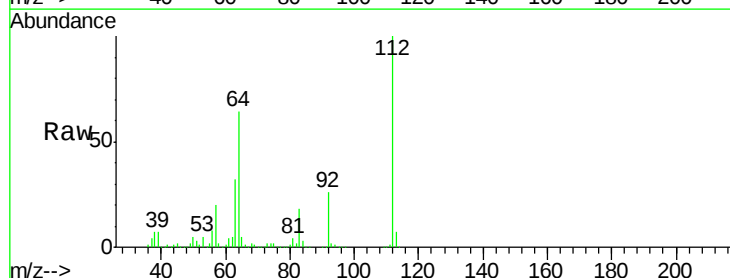
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



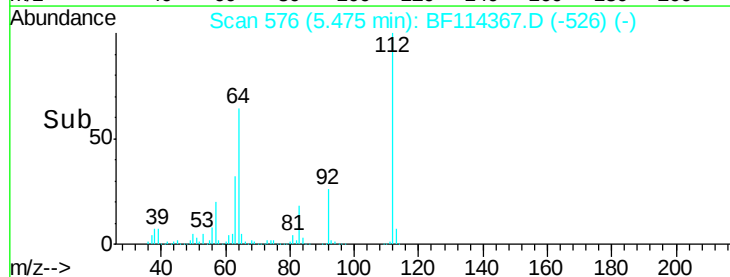
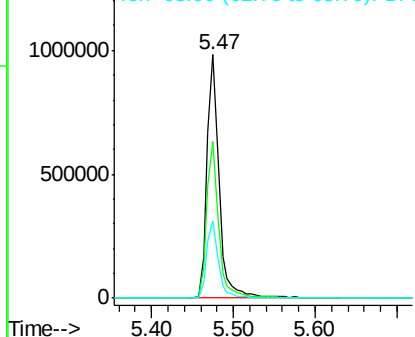
#5

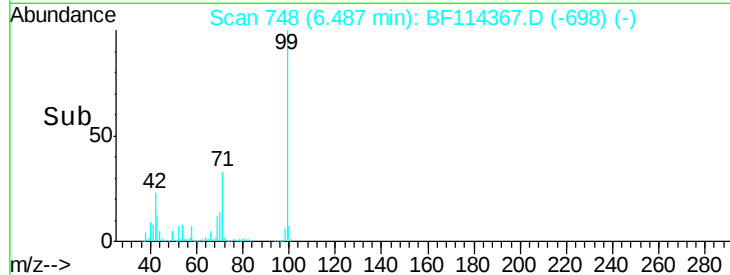
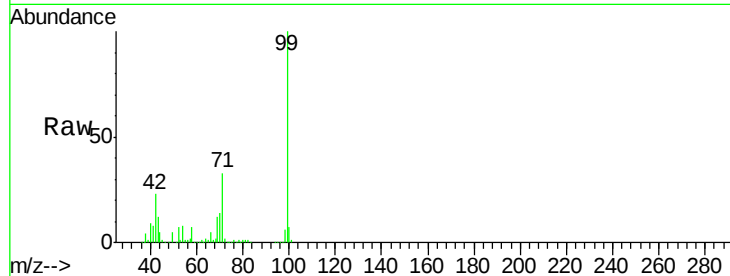
2-Fluorophenol
Concen: 91.537 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114367.D
Acq: 17 May 2019 23:50

Tgt Ion:112 Resp: 1013017
Ion Ratio Lower Upper
112 100
64 64.3 49.0 73.6
63 31.9 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: 101.505 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114367.D

Acq: 17 May 2019 23:50

Instrument :

BNA_F

ClientSampleId :

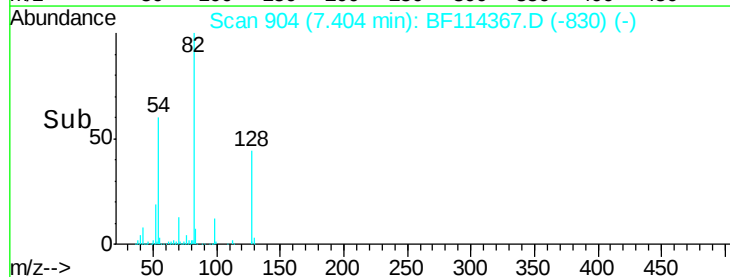
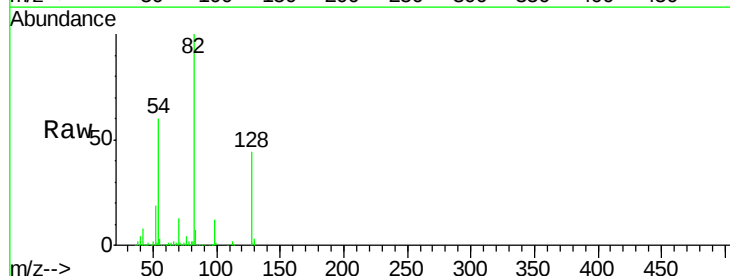
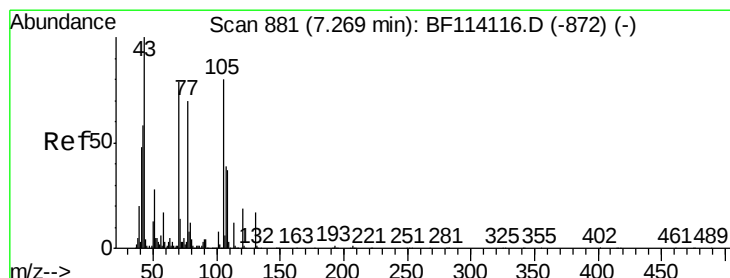
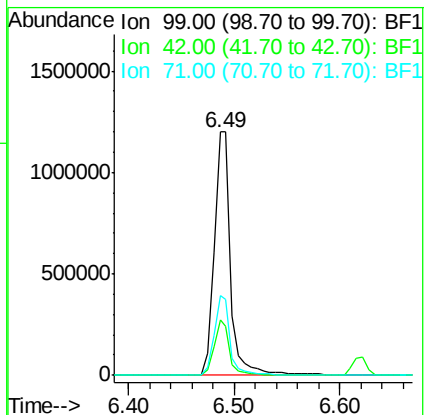
Tot Ion: 99 Resp: 1328604

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

71 32.8 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.038 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF114367.D

Acq: 17 May 2019 23:50

Tgt Ion: 70 Resp: 99876

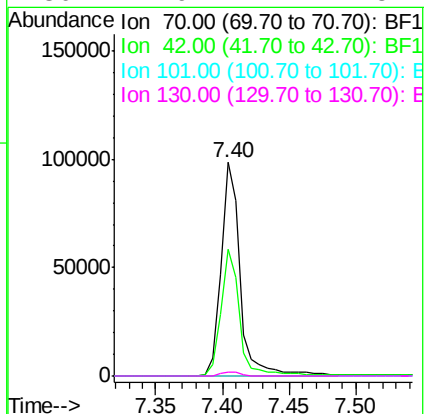
Ion Ratio Lower Upper

70 100

42 59.6 58.6 87.8

101 0.0 7.8 11.8#

130 1.9 17.1 25.7#

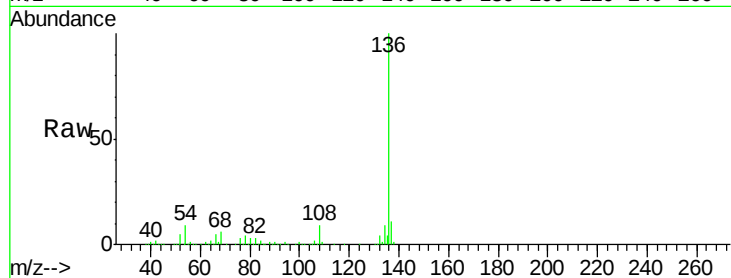




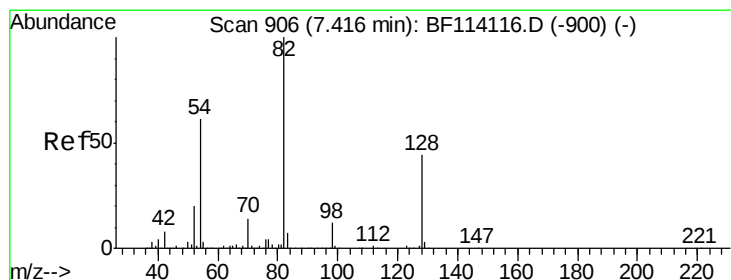
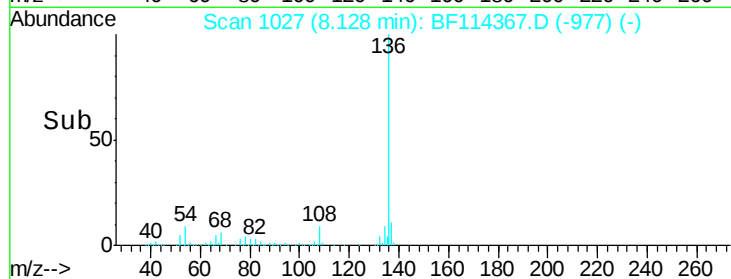
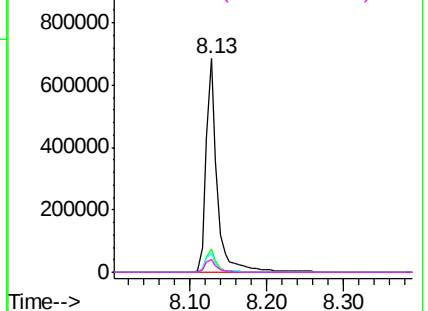
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114367.D
Acq: 17 May 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 684144
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 8.8	7.8 11.8
68 6.2	5.1 7.7

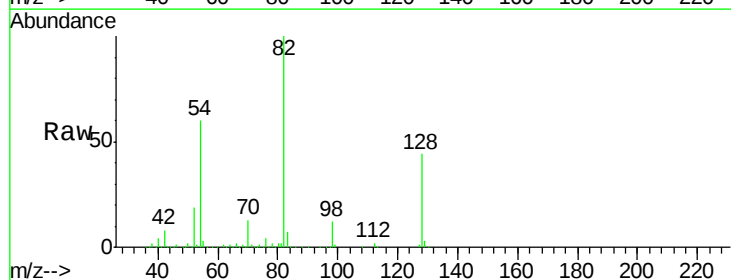


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

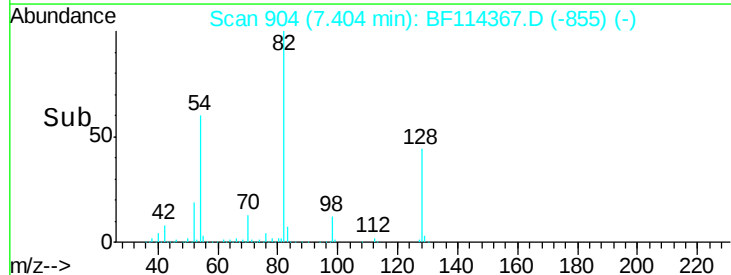
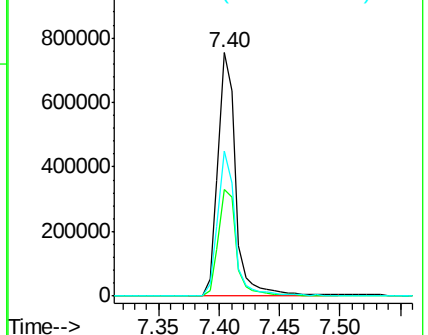


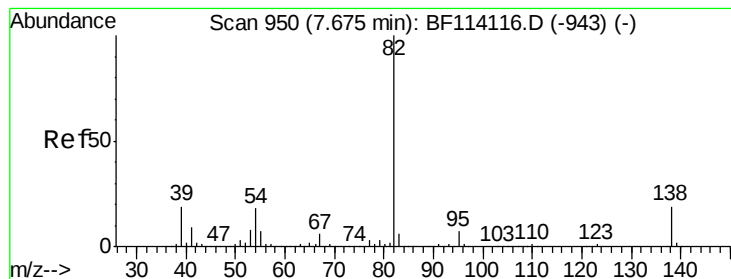
#23
Nitrobenzene-d5
Concen: 63.013 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114367.D
Acq: 17 May 2019 23:50

Tgt Ion: 82	Resp: 768174
Ion Ratio	Lower Upper
82 100	
128 43.9	35.5 53.3
54 59.8	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: 33.976 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF114367.D

Acq: 17 May 2019 23:50

Instrument :

BNA_F

ClientSampleId :

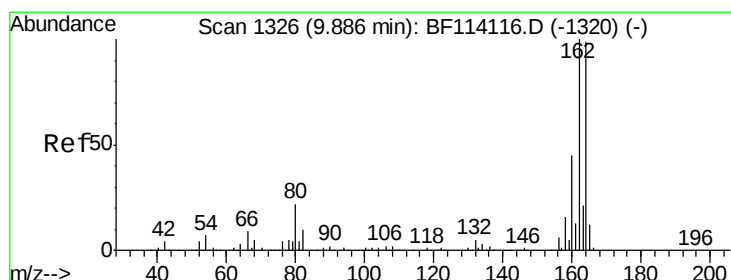
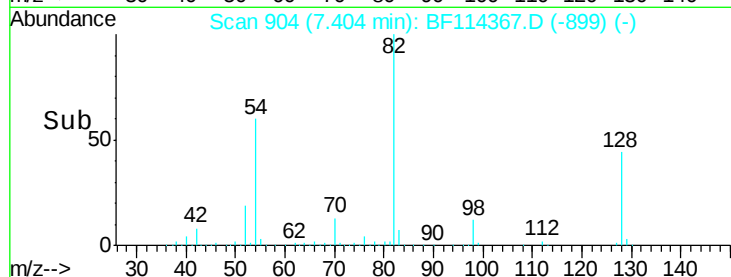
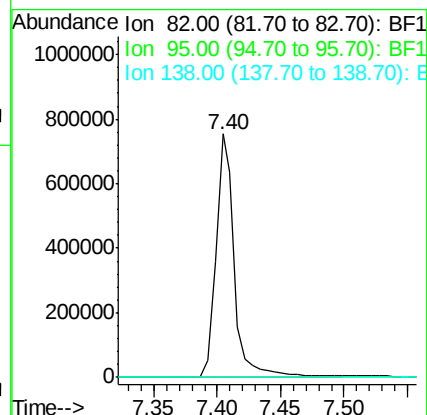
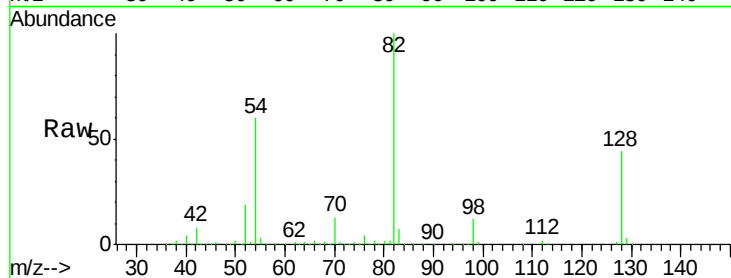
Tot Ion: 82 Resp: 768169

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114367.D

Acq: 17 May 2019 23:50

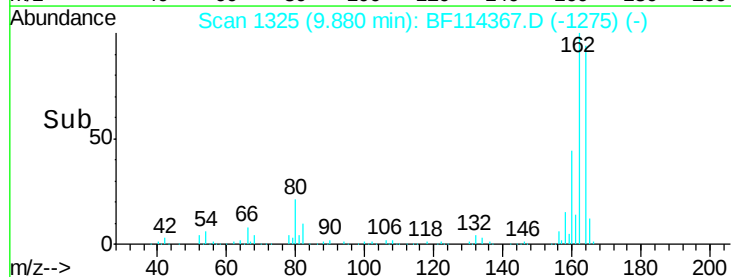
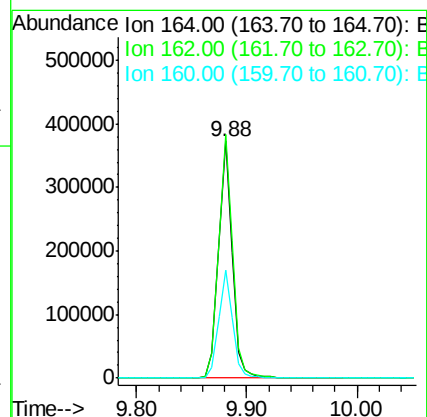
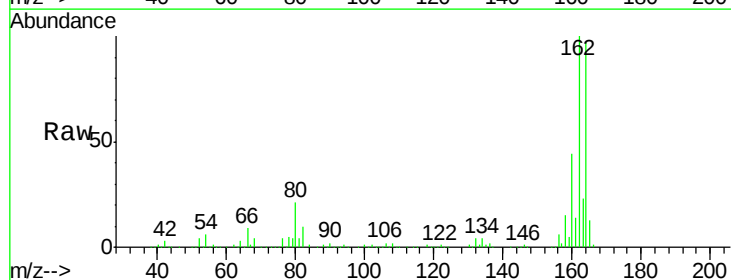
Tgt Ion: 164 Resp: 321580

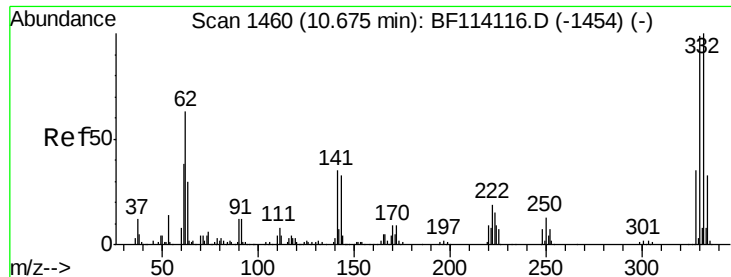
Ion Ratio Lower Upper

164 100

162 102.9 80.6 120.8

160 45.6 36.5 54.7

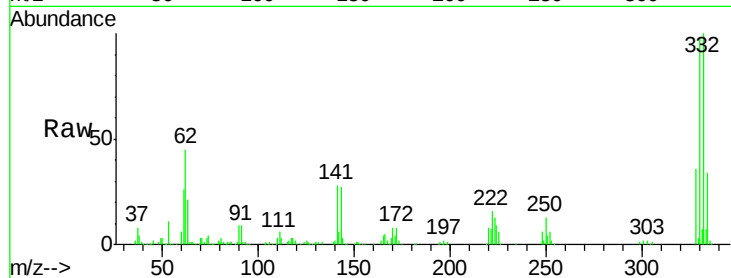




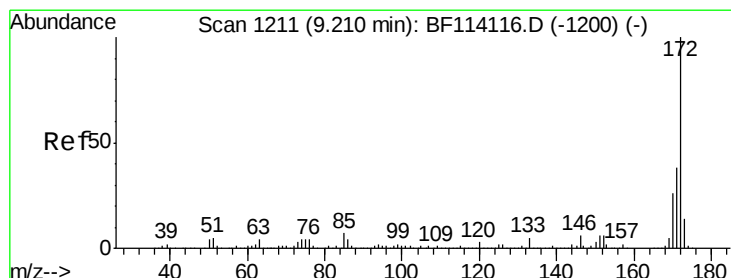
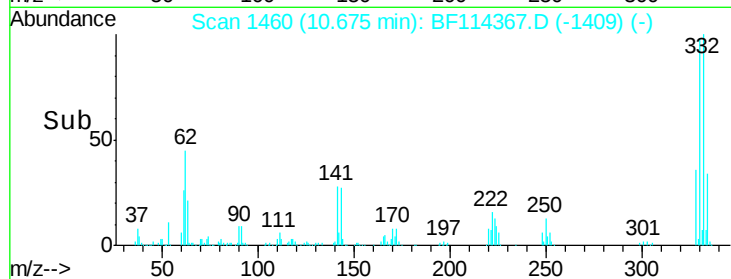
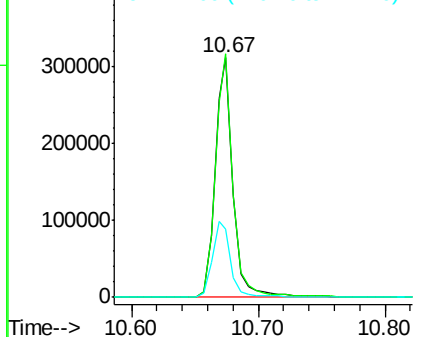
#42
 2,4,6-Tribromophenol
 Concen: 92.830 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114367.D
 Acq: 17 May 2019 23:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 308622
 Ion Ratio Lower Upper
 330 100
 332 101.6 81.4 122.2
 141 32.8 26.6 40.0

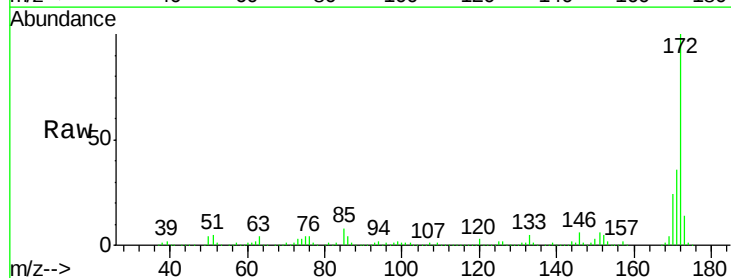


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

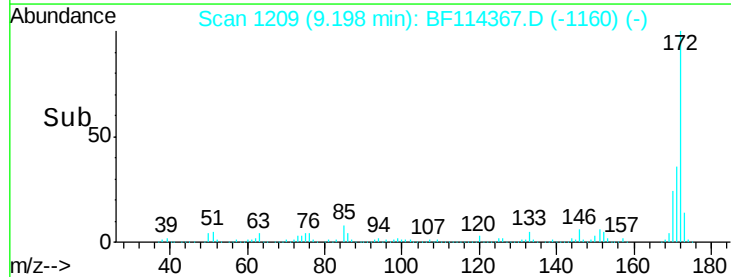
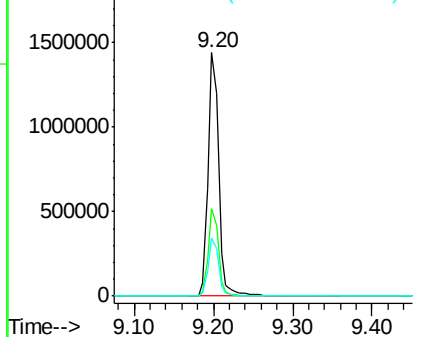


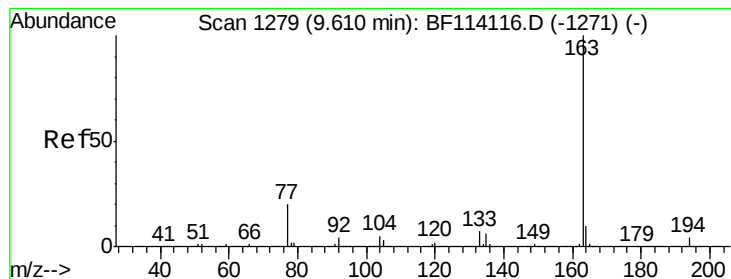
#45
 2-Fluorobiphenyl
 Concen: 63.924 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF114367.D
 Acq: 17 May 2019 23:50

Tgt Ion:172 Resp: 1358979
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.7 46.1
 170 23.9 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: 10.813 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114367.D

Acq: 17 May 2019 23:50

Instrument :

BNA_F

ClientSampleId :

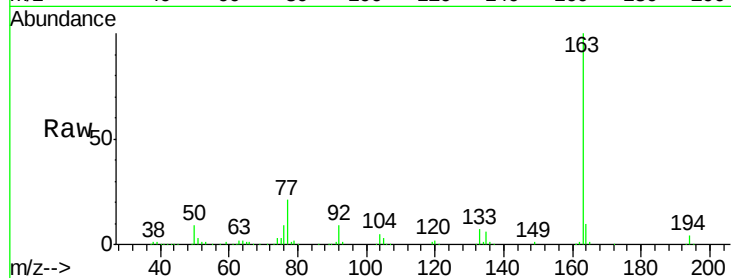
Tot Ion:163 Resp: 255256

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

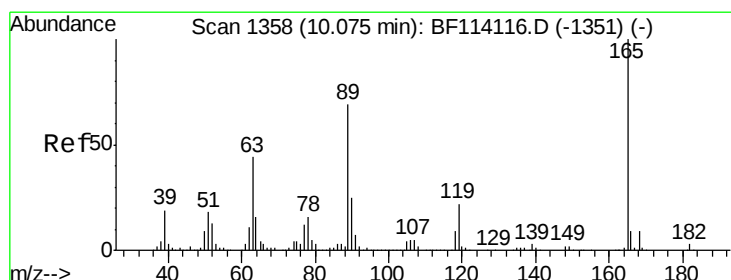
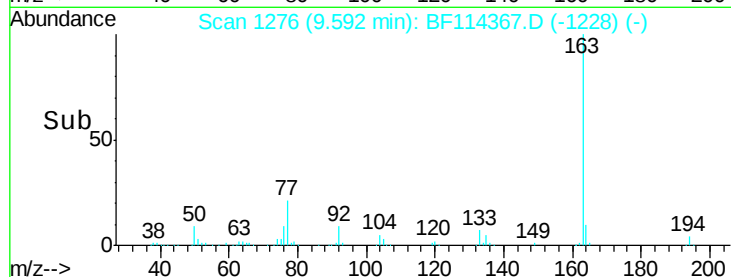
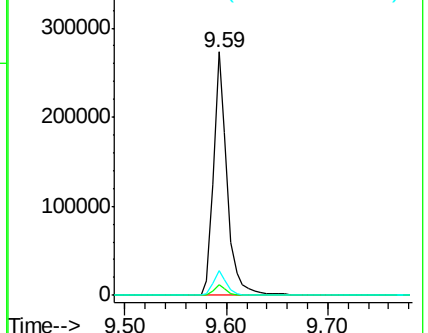
164 10.1 8.2 12.2



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: 5.822 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF114367.D

Acq: 17 May 2019 23:50

Tgt Ion:165 Resp: 41373

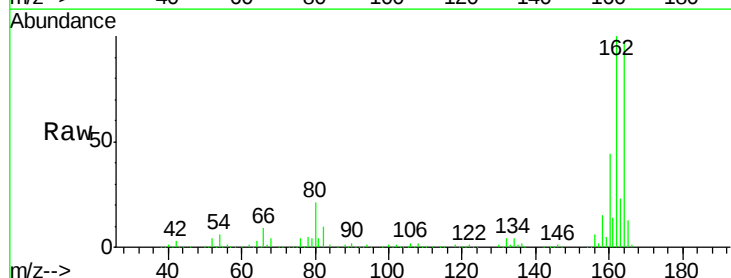
Ion Ratio Lower Upper

165 100

63 1.6 35.5 53.3#

89 1.5 55.2 82.8#

182 0.0 2.2 3.2#

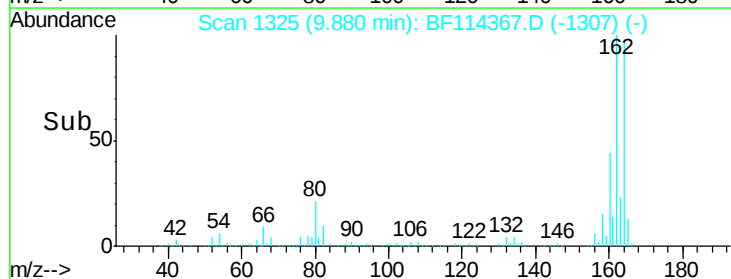
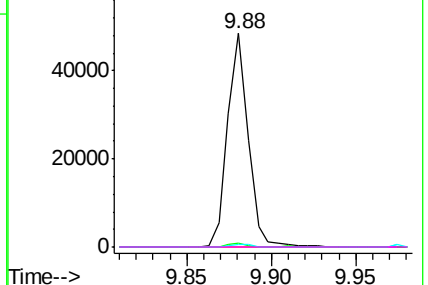


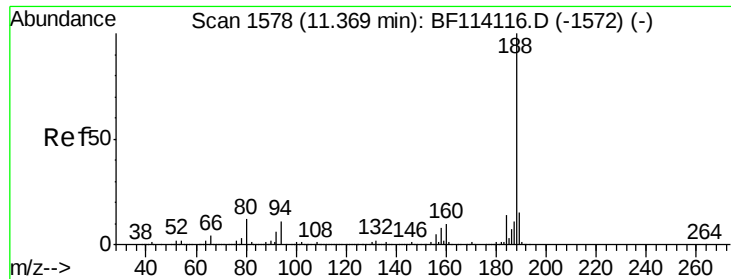
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF114367.D

Acq: 17 May 2019 23:50

Instrument :

BNA_F

ClientSampleId :

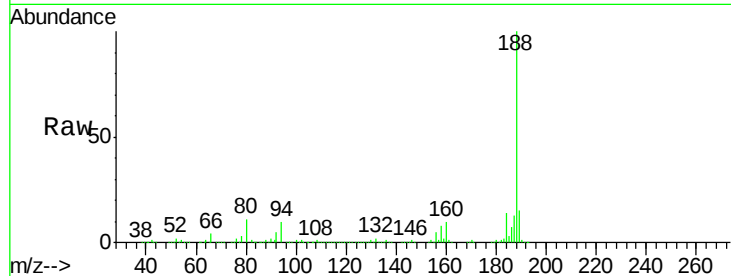
Tot Ion:188 Resp: 637060

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.4	12.6
80	10.8	9.2	13.8

188 100

94 9.8 8.4 12.6

80 10.8 9.2 13.8



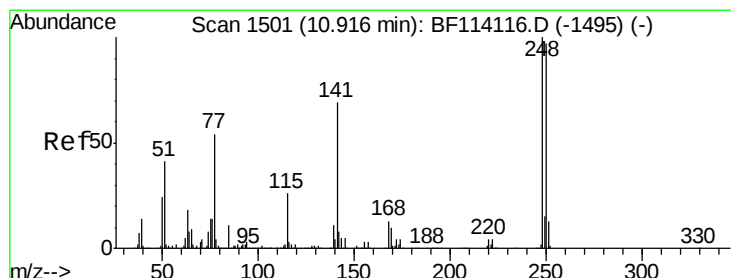
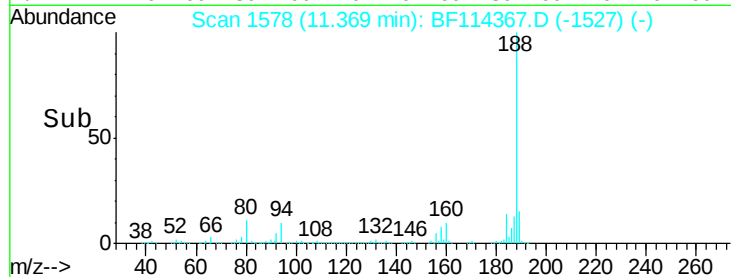
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.37

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.886 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114367.D

Acq: 17 May 2019 23:50

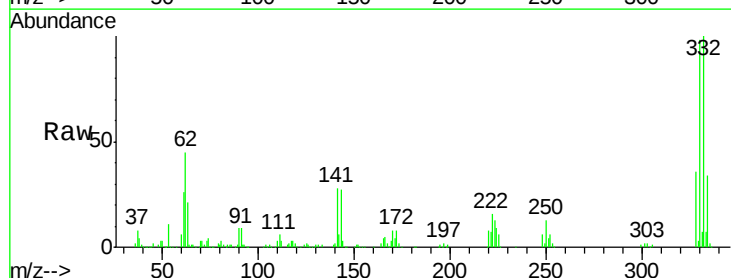
Tgt Ion:248 Resp: 20246

Ion	Ratio	Lower	Upper
248	100		
250	202.6	77.4	116.2#
141	451.3	55.6	83.4#

248 100

250 202.6 77.4 116.2#

141 451.3 55.6 83.4#



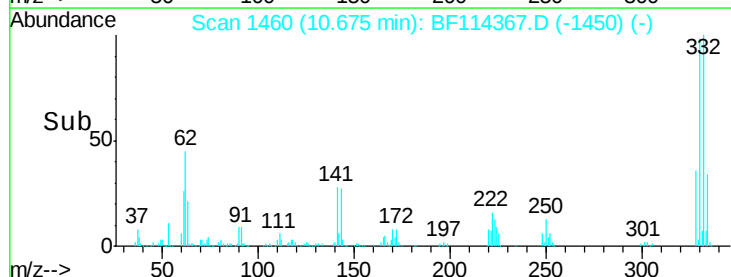
Abundance Ion 248.00 (247.70 to 248.70): E

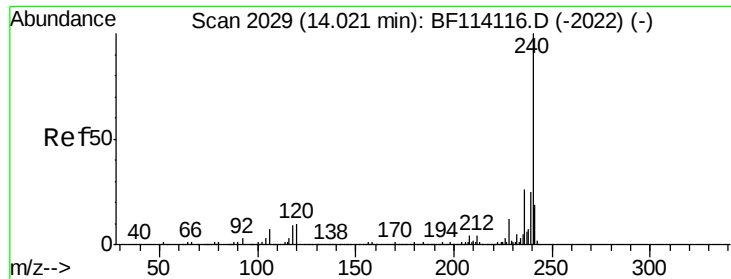
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

10.67

Time-->

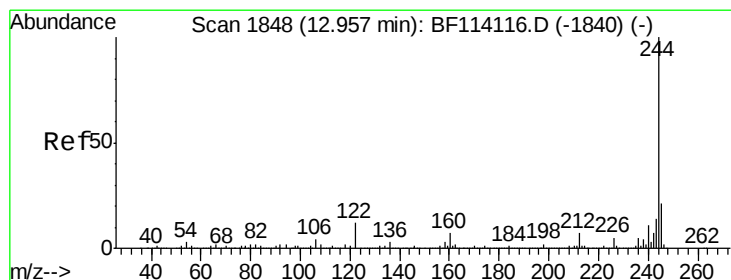
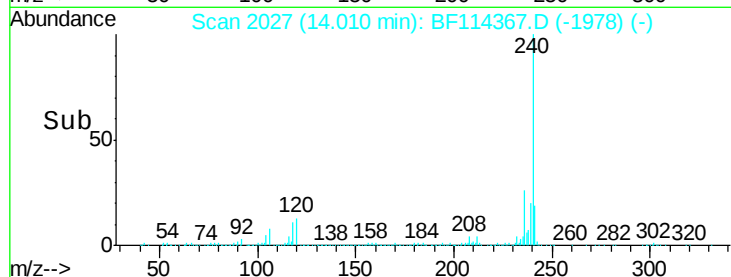
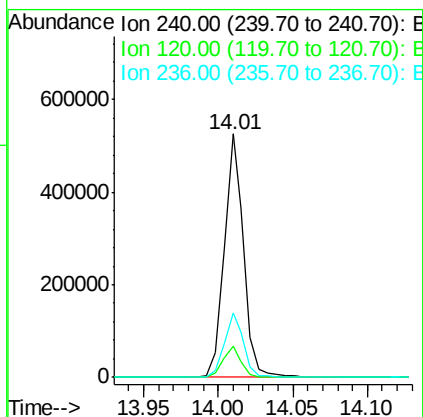
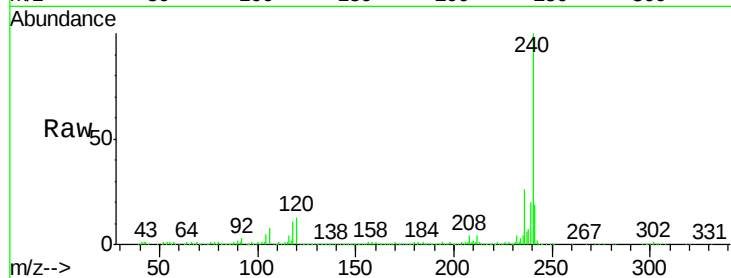




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114367.D
Acq: 17 May 2019 23:50

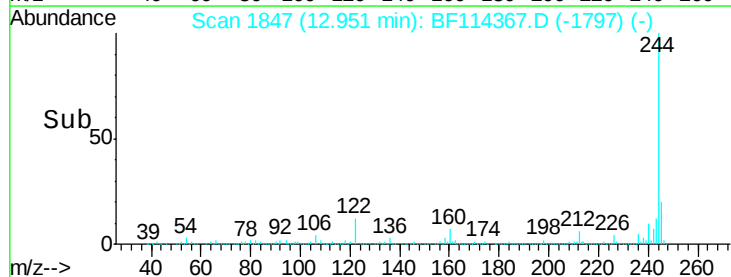
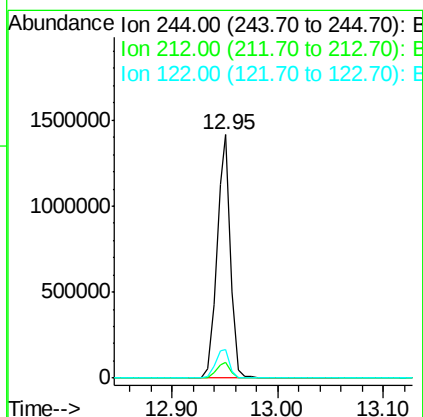
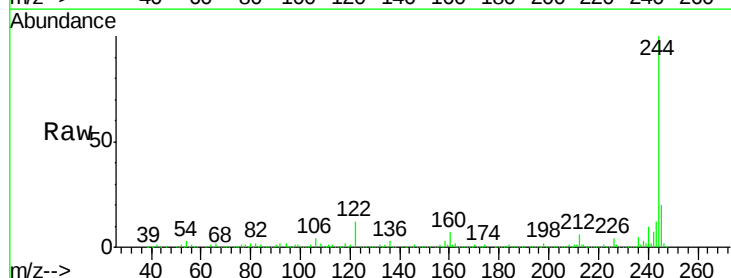
Instrument :
BNA_F
ClientSampleId :

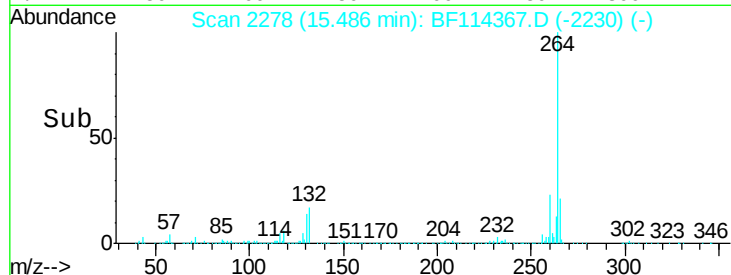
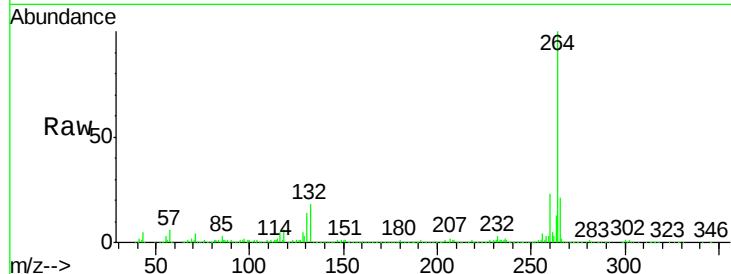
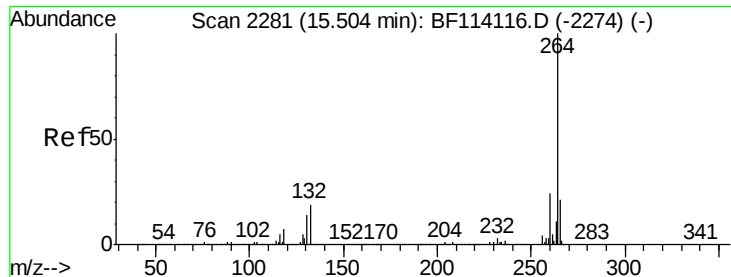
Tot Ion:240 Resp: 480204
Ion Ratio Lower Upper
240 100
120 13.0 8.3 12.5#
236 26.4 20.8 31.2



#79
Terphenyl-d14
Concen: 54.962 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114367.D
Acq: 17 May 2019 23:50

Tgt Ion:244 Resp: 1280329
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 11.7 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114367.D
Acq: 17 May 2019 23:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.5	16.9	25.3

