

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114432.D
 Acq On : 20 May 2019 12:20
 Operator : JU/SJ
 Sample : K2943-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-5

Quant Time: May 21 11:13:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

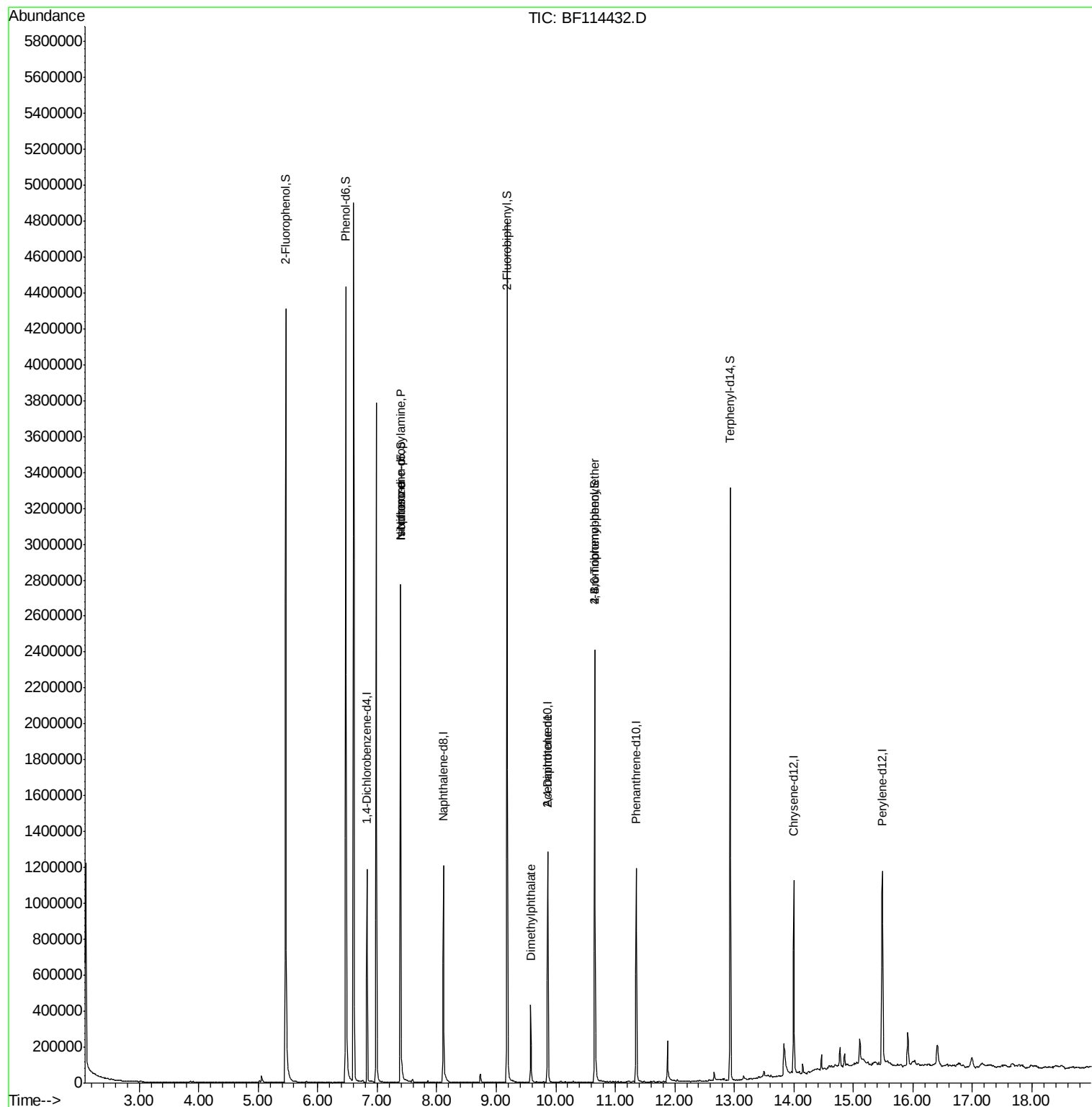
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	167268	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	618922	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	263192	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	469733	20.00	ng	0.00
76) Chrysene-d12	14.00	240	356699	20.00	ng	0.00
87) Perylene-d12	15.49	264	467571	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1204024	115.84	ng	0.00
7) Phenol-d6	6.47	99	1556523	126.61	ng	-0.01
23) Nitrobenzene-d5	7.39	82	936999	84.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	307770	113.11	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1505990	86.56	ng	0.00
79) Terphenyl-d14	12.93	244	1163261	67.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	122450	15.715	ng	# 75
25) Isophorone	7.39	82	936994	45.811	ng	# 64
50) Dimethylphthalate	9.58	163	190514	9.861	ng	98
57) 2,4-Dinitrotoluene	9.86	165	32708	5.623	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	19054	3.684	ng	# 1

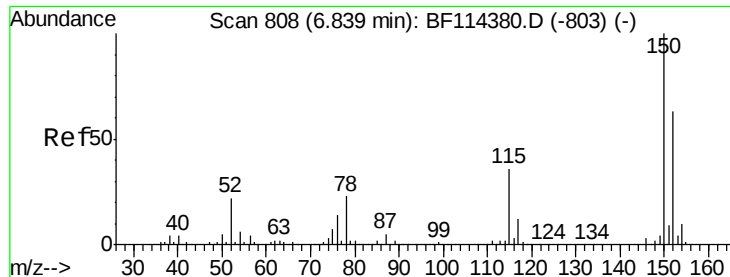
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

GIS-5

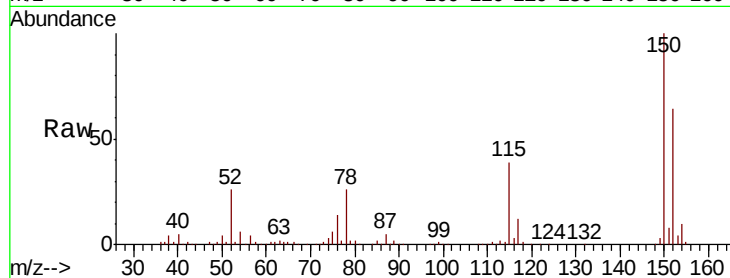
Tot Ion:152 Resp: 167268

Ion Ratio Lower Upper

152 100

150 155.6 124.3 186.5

115 60.2 49.1 73.7

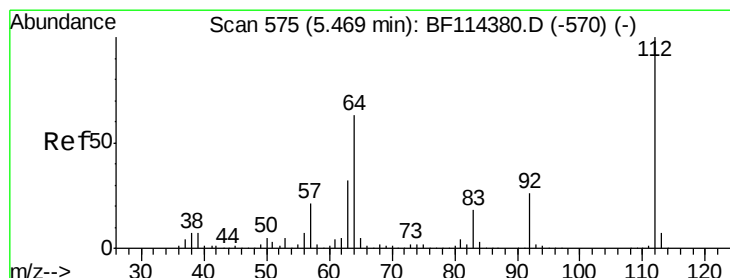
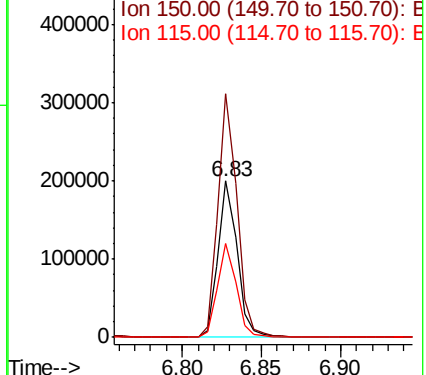
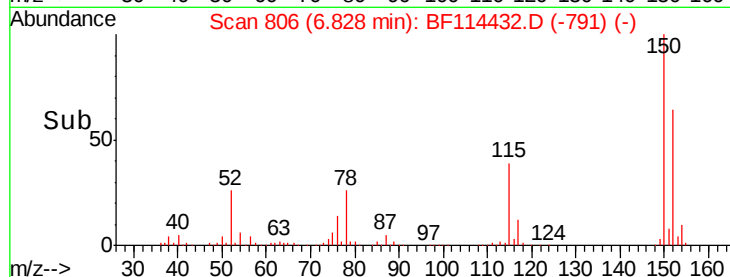


Abundance

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: 115.837 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

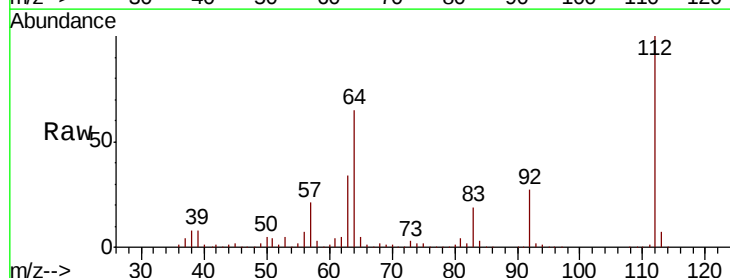
Tgt Ion:112 Resp: 1204024

Ion Ratio Lower Upper

112 100

64 65.2 49.0 73.6

63 33.5 24.6 37.0

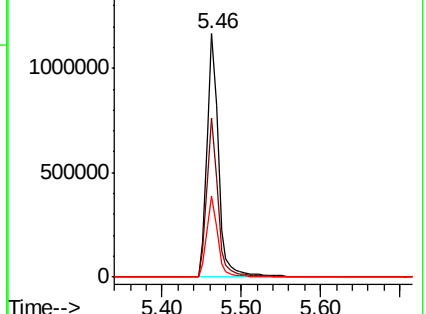
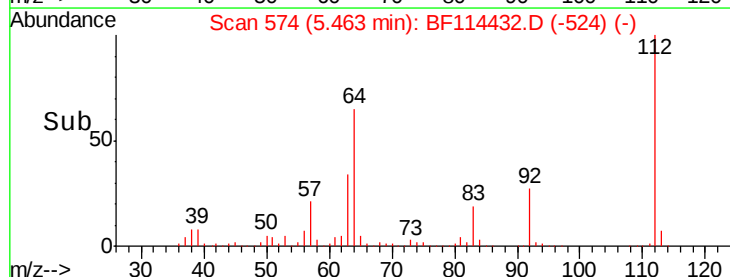


Abundance

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: 126.614 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

Instrument :

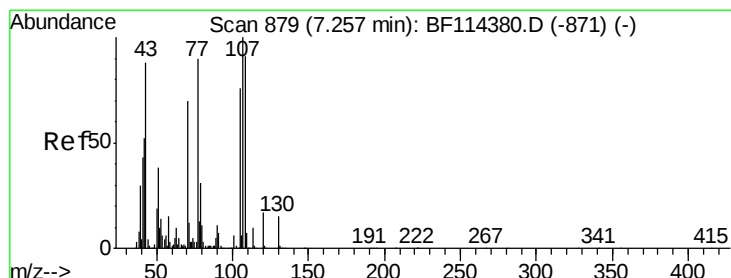
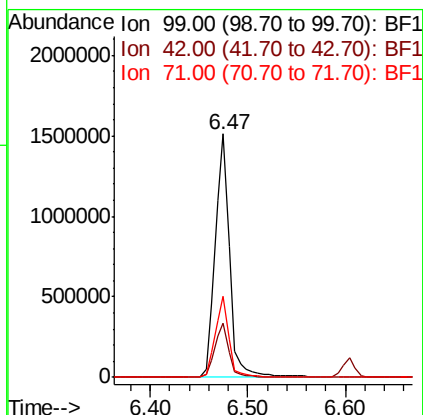
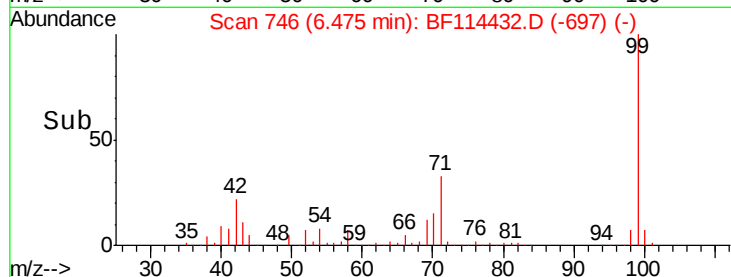
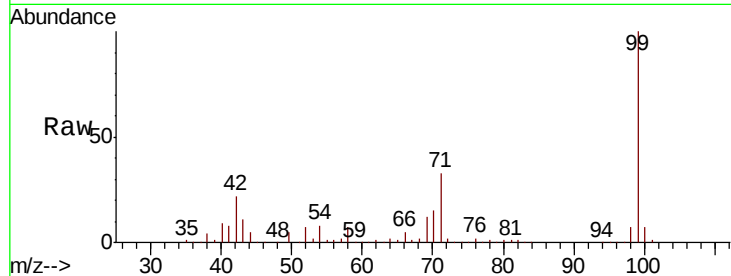
BNA_F

ClientSampled :

GIS-5

Tot Ion: 99 Resp: 1556523

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.9	26.9
71	33.3	26.2	39.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.715 ng

RT: 7.39 min Scan# 902

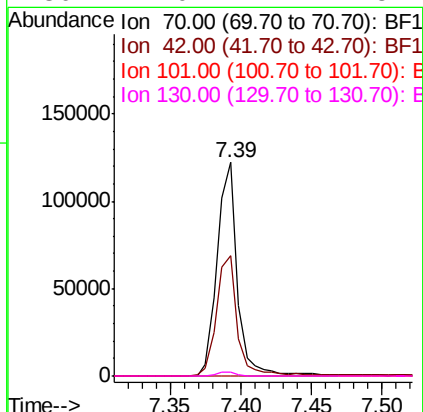
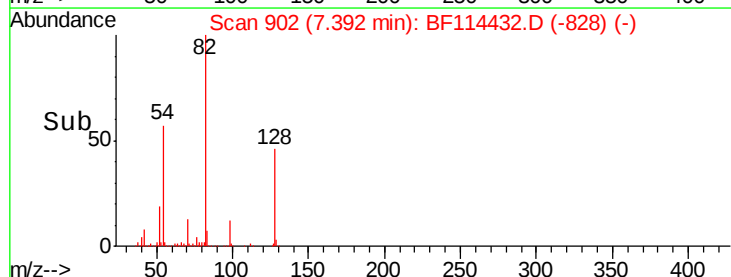
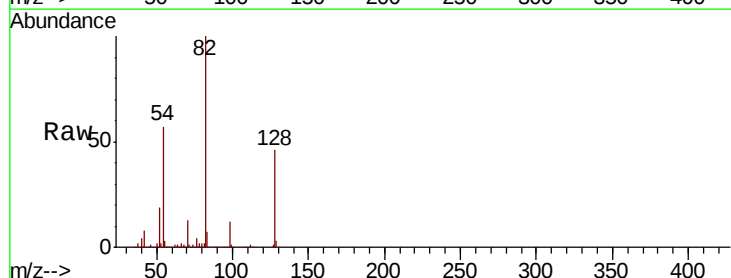
Delta R.T. 0.14 min

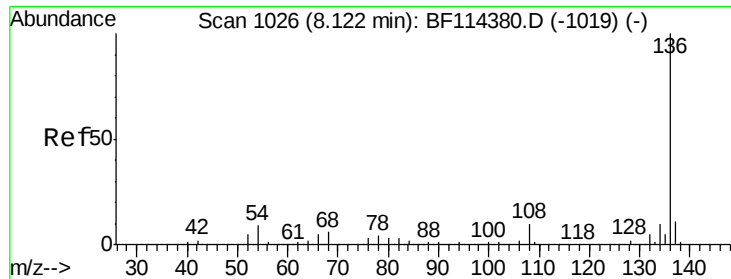
Lab File: BF114432.D

Acq: 20 May 2019 12:20

Tgt Ion: 70 Resp: 122450

Ion	Ratio	Lower	Upper
70	100		
42	56.6	58.6	87.8#
101	0.0	7.8	11.8#
130	2.0	17.1	25.7#

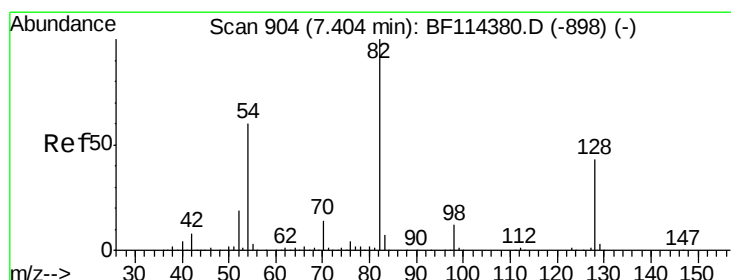
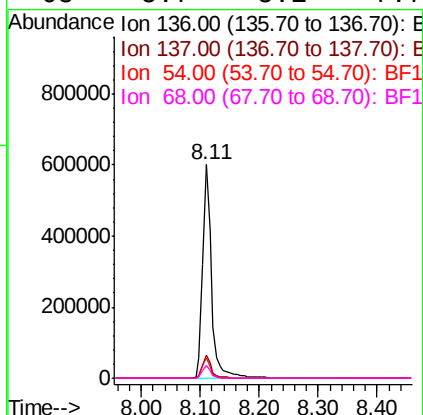
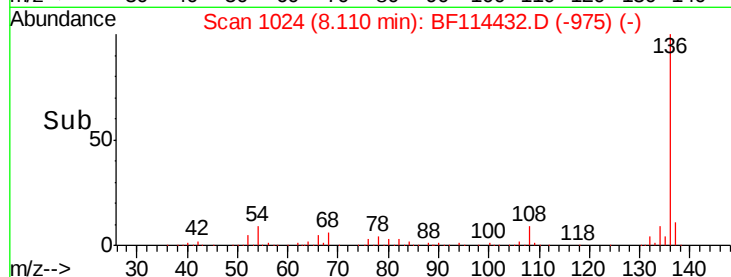
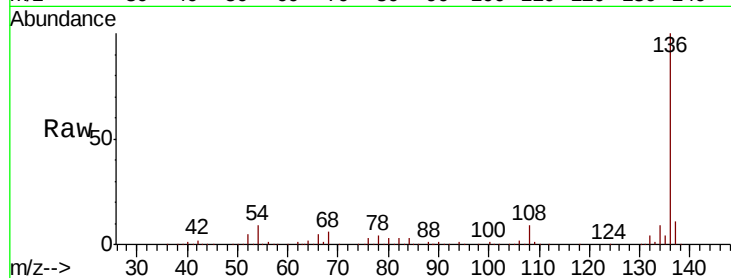




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114432.D
Acq: 20 May 2019 12:20

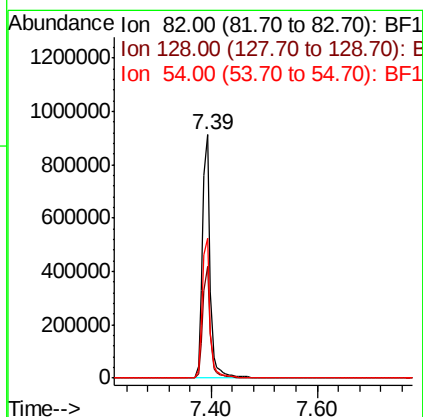
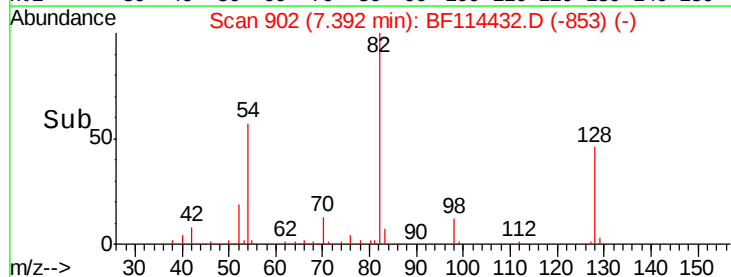
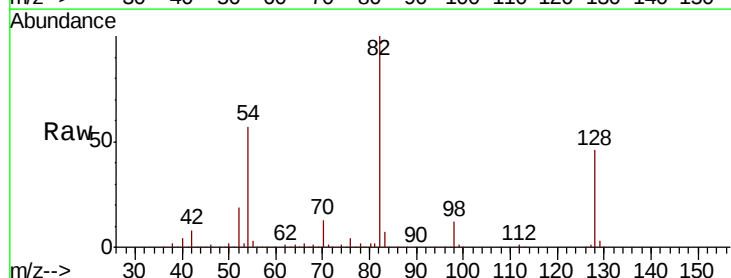
Instrument :
BNA_F
ClientSampleID :
GIS-5

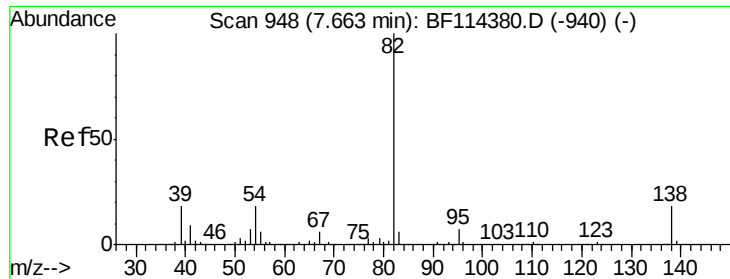
Tot Ion:136	Resp:	618922
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	9.3	7.8 11.8
68	5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 84.961 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114432.D
Acq: 20 May 2019 12:20

Tgt Ion: 82	Resp:	936999
Ion	Ratio	Lower Upper
82	100	
128	46.2	35.5 53.3
54	57.5	48.5 72.7





#25

Isophorone

Concen: 45.811 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

GIS-5

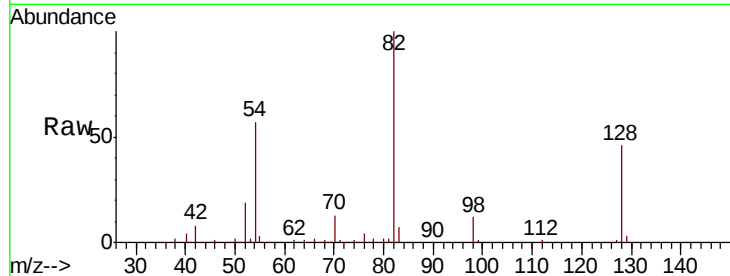
Tot Ion: 82 Resp: 936994

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

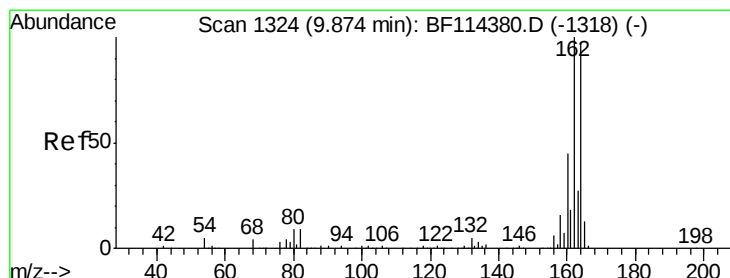
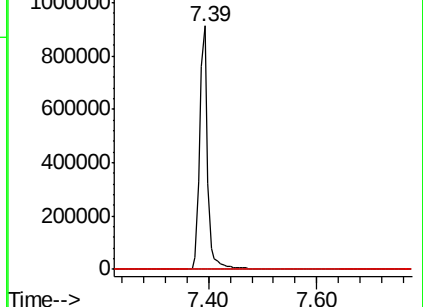
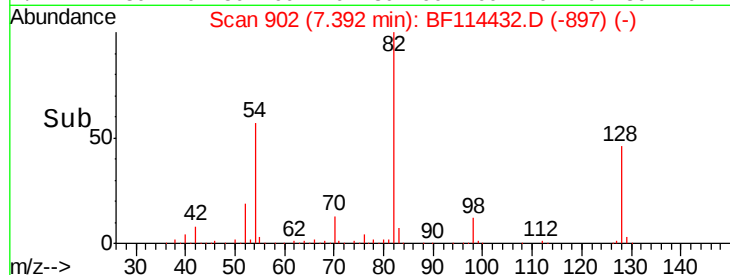
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

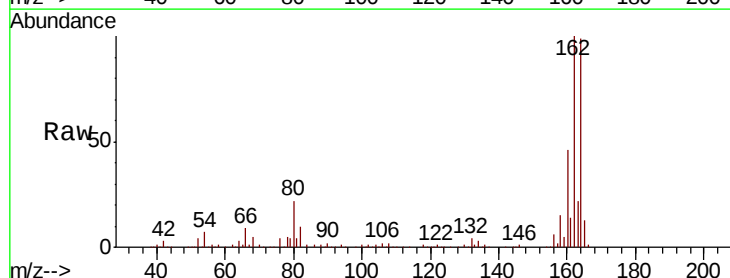
Tgt Ion:164 Resp: 263192

Ion Ratio Lower Upper

164 100

162 100.6 80.6 120.8

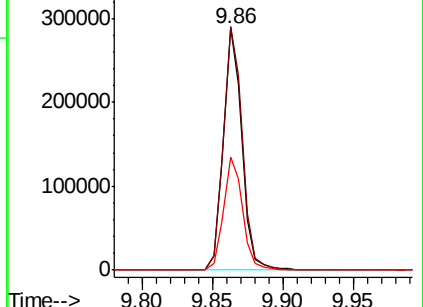
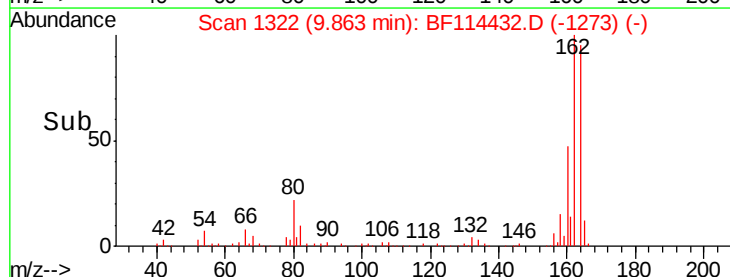
160 46.7 36.5 54.7

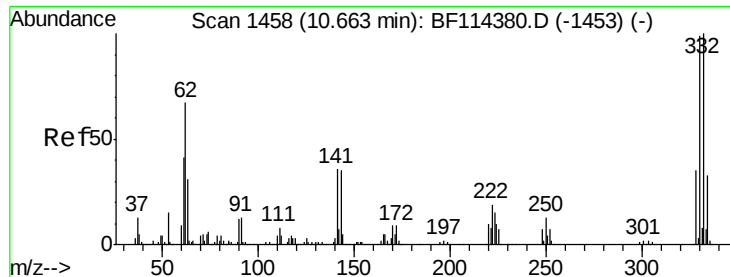


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

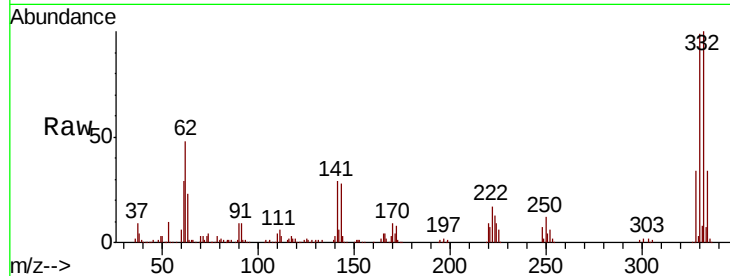




#42
 2,4,6-Tribromophenol
 Concen: 113.111 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114432.D
 Acq: 20 May 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 GIS-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.7	81.4	122.2
141	32.5	26.6	40.0

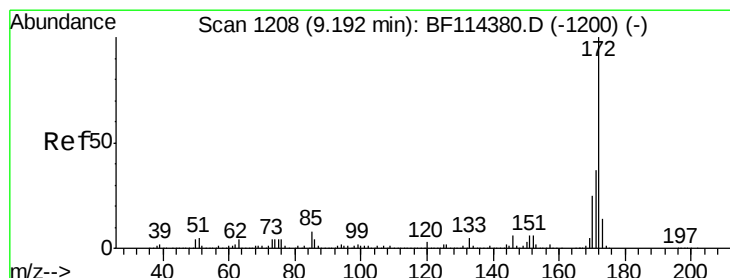
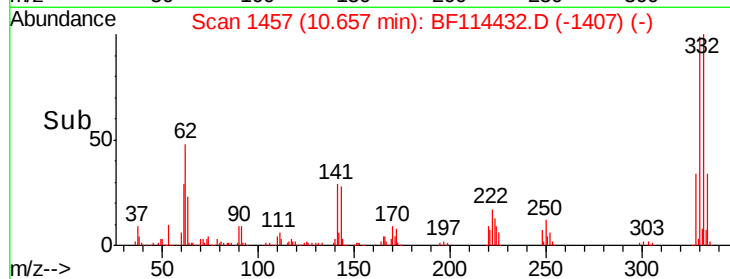
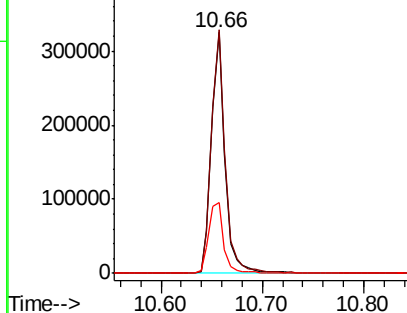


Abundance

Ion 329.80 (329.50 to 330.50): E

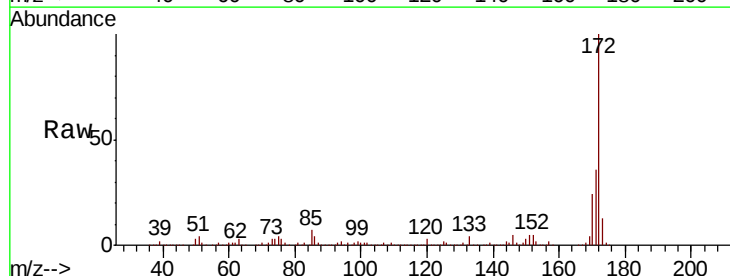
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.555 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114432.D
 Acq: 20 May 2019 12:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.7	46.1
170	23.8	20.5	30.7

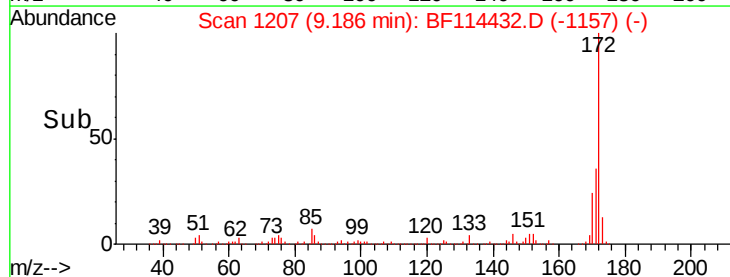
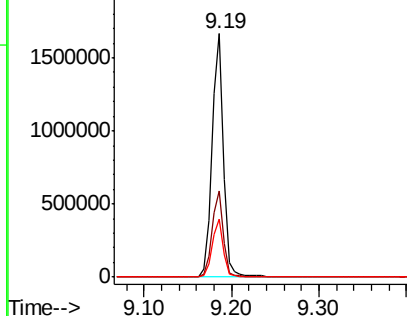


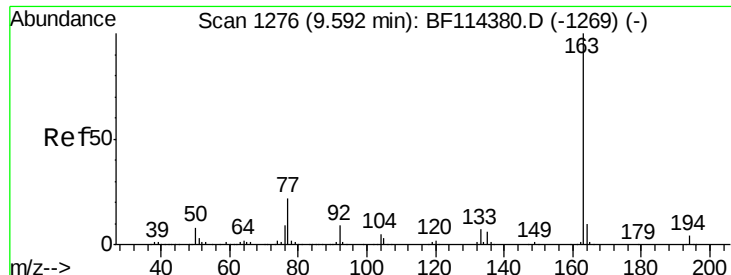
Abundance

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: 9.861 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

Instrument :

BNA_F

ClientSampled :

GIS-5

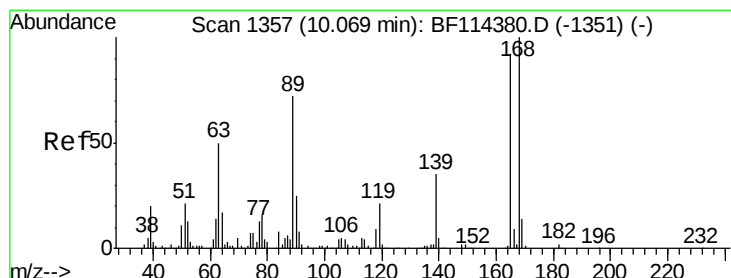
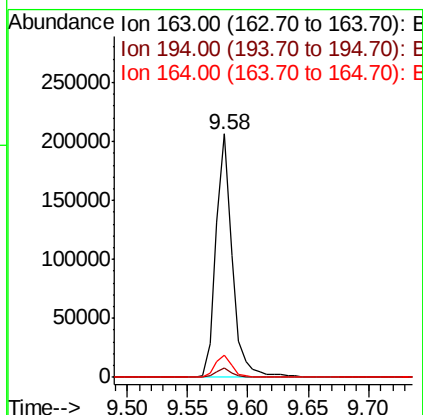
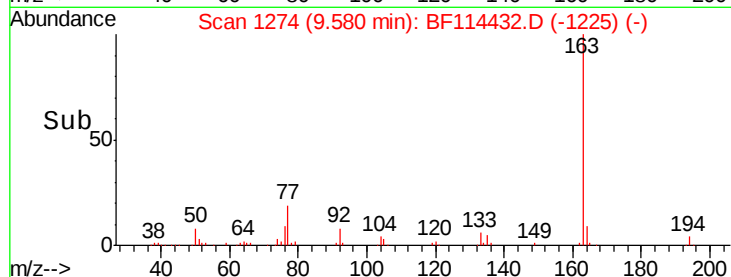
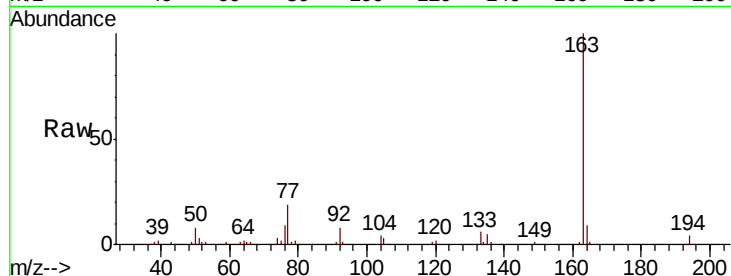
Tot Ion:163 Resp: 190514

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

164 9.3 8.2 12.2



#57

2,4-Dinitrotoluene

Concen: 5.623 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.21 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

Tgt Ion:165 Resp: 32708

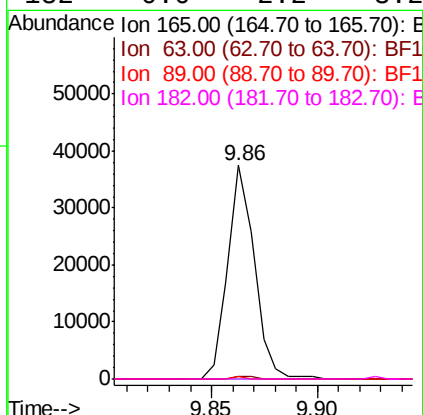
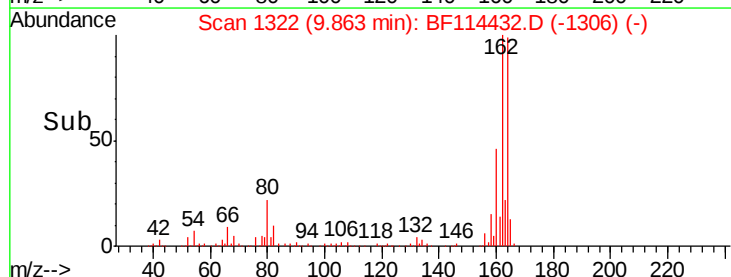
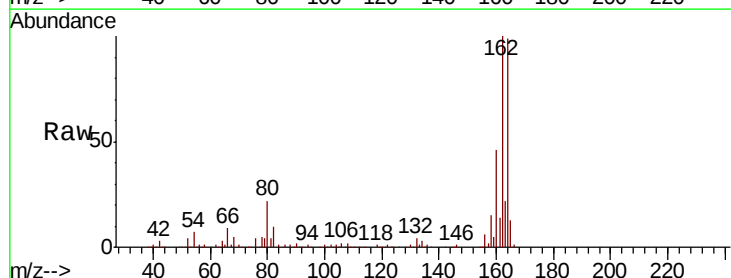
Ion Ratio Lower Upper

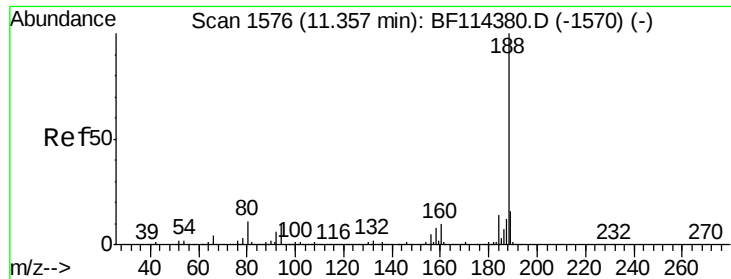
165 100

63 1.4 35.5 53.3#

89 1.4 55.2 82.8#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

Instrument :

BNA_F

ClientSampleId :

GIS-5

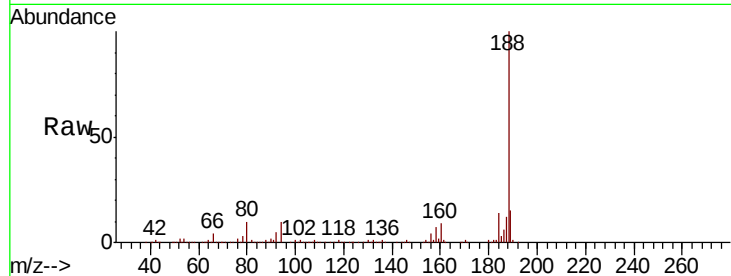
Tot Ion:188 Resp: 469733

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

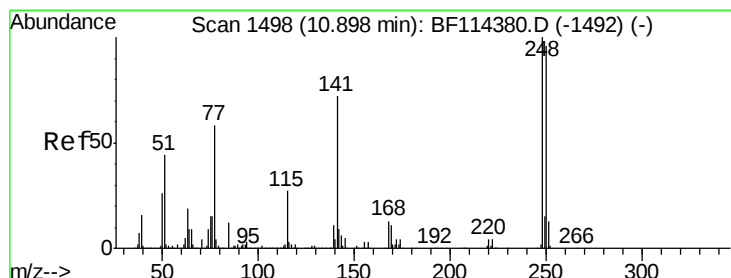
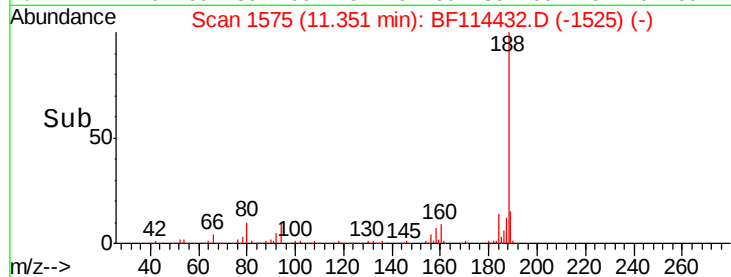
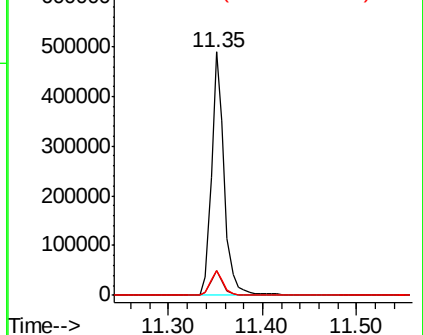
80 10.3 9.2 13.8



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: 3.684 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.24 min

Lab File: BF114432.D

Acq: 20 May 2019 12:20

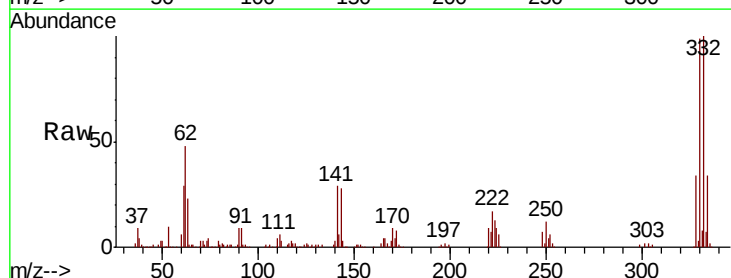
Tgt Ion:248 Resp: 19054

Ion Ratio Lower Upper

248 100

250 190.3 77.4 116.2#

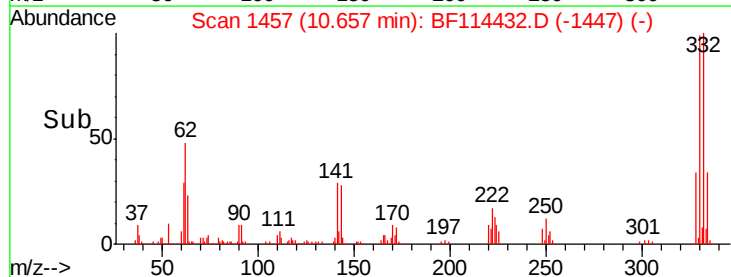
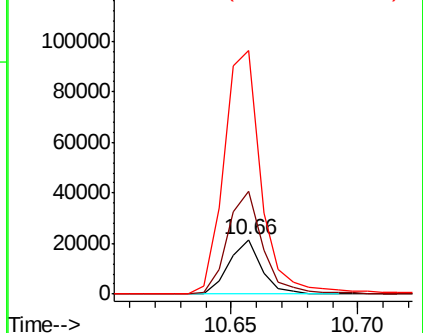
141 449.2 55.6 83.4#

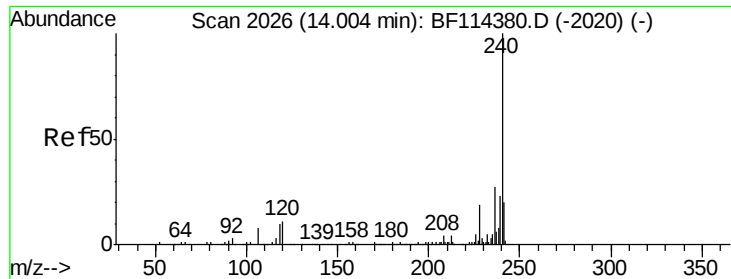


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

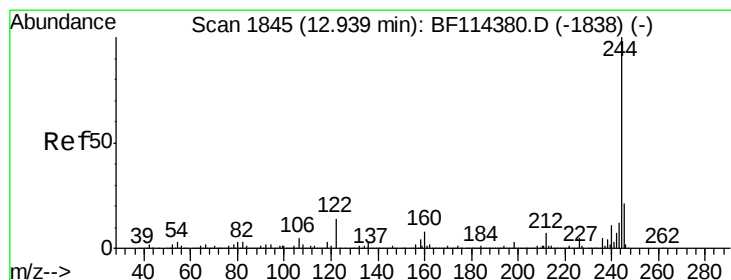
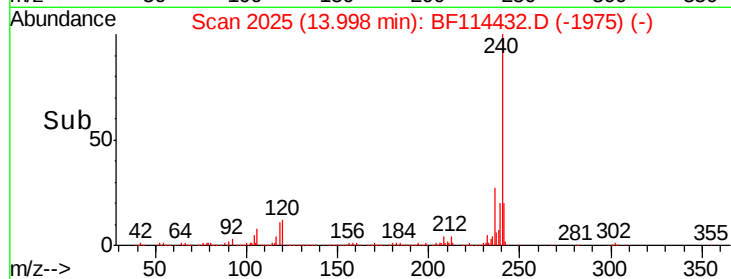
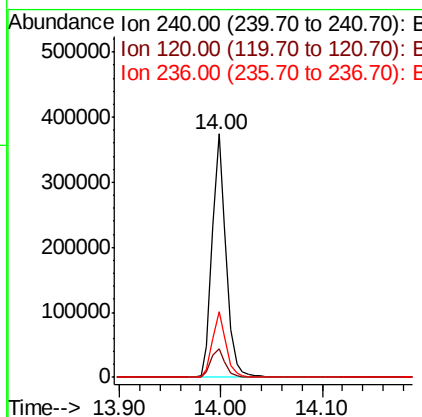
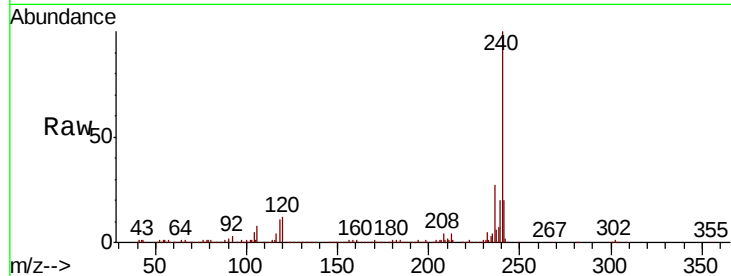




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114432.D
 Acq: 20 May 2019 12:20

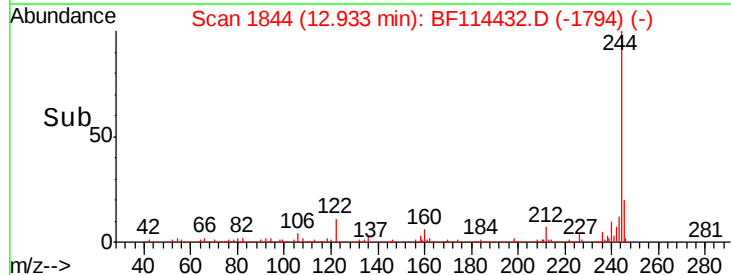
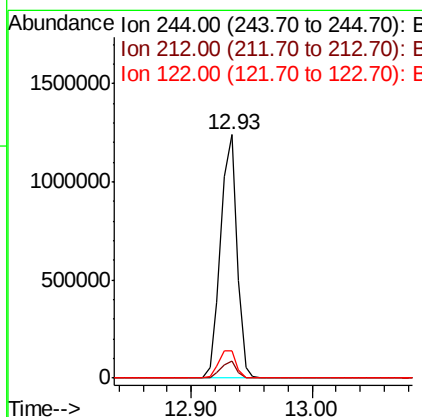
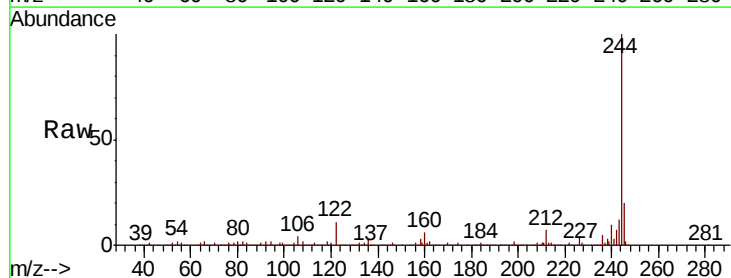
Instrument :
 BNA_F
 ClientSampleID :
 GIS-5

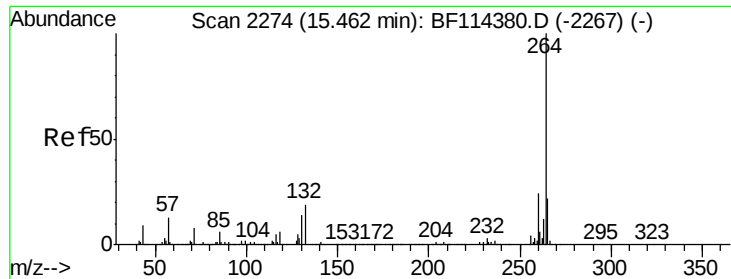
Tot Ion:240 Resp: 356699
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.3 12.5
 236 26.8 20.8 31.2



#79
 Terphenyl-d14
 Concen: 67.227 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114432.D
 Acq: 20 May 2019 12:20

Tgt Ion:244 Resp: 1163261
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.3 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: BF114432.D
 Acq: 20 May 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 GIS-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.0	16.9	25.3

