

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117039.D
 Acq On : 13 Sep 2019 22:51
 Operator : HP/JU
 Sample : K4852-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0.-2)

Quant Time: Sep 14 00:20:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63546	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	262180	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	133930	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	224766	20.00	ng	0.00
76) Chrysene-d12	13.96	240	166277	20.00	ng	-0.01
87) Perylene-d12	15.41	264	147562	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	337887	83.01	ng	0.00
7) Phenol-d6	6.45	99	486841	92.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	288339	57.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	107490	96.03	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	517298	60.39	ng	0.00
79) Terphenyl-d14	12.91	244	525909	59.12	ng	0.00

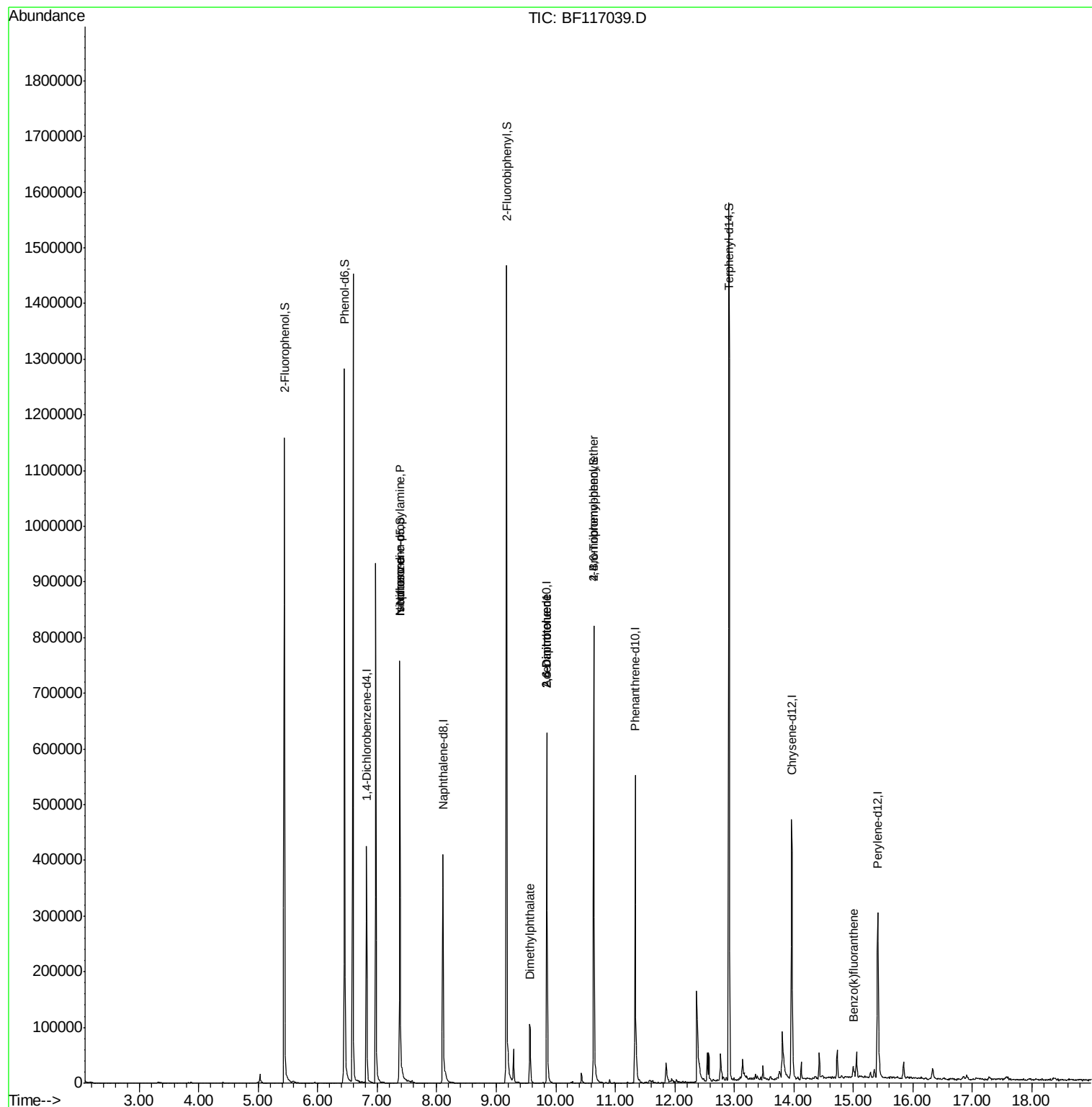
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	803	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	38014	11.868	ng	# 79
25) Isophorone	7.38	82	288335	32.636	ng	# 66
50) Dimethylphthalate	9.57	163	57912	6.107	ng	99
51) 2,6-Dinitrotoluene	9.85	165	17061	8.834	ng	# 25
57) 2,4-Dinitrotoluene	9.85	165	17061	6.805	ng	# 19
67) 4-Bromophenyl-phenylether	10.64	248	6475	2.821	ng	# 1
89) Benzo(k)fluoranthene	15.00	252	17384	2.053	ng	96

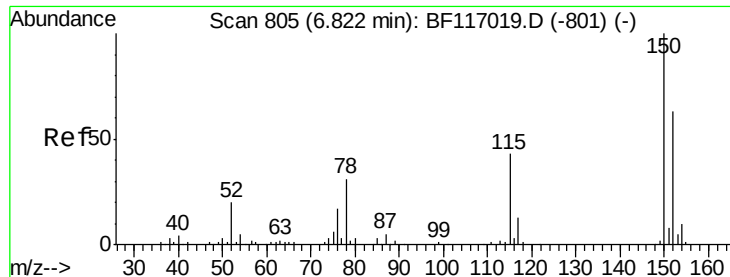
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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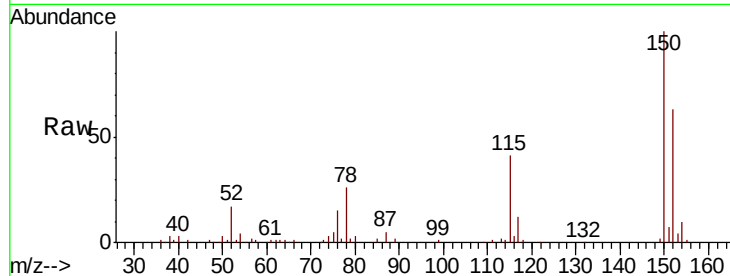


#1

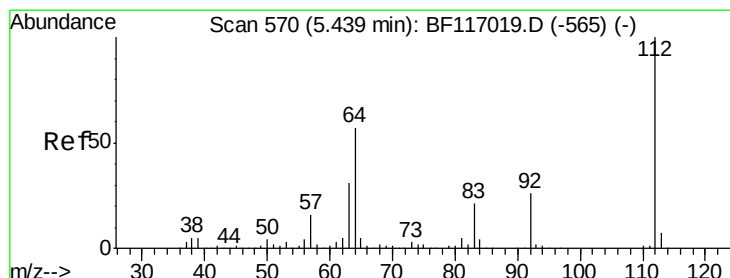
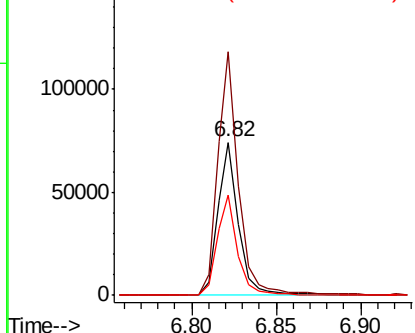
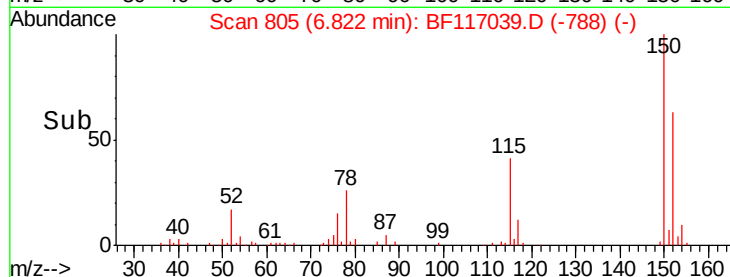
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :
GIS-1(0-2)

Tot Ion:152 Resp: 63546
Ion Ratio Lower Upper
152 100
150 159.1 127.5 191.3
115 65.4 55.0 82.4



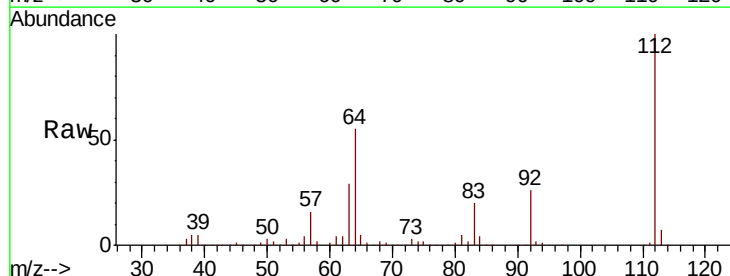
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



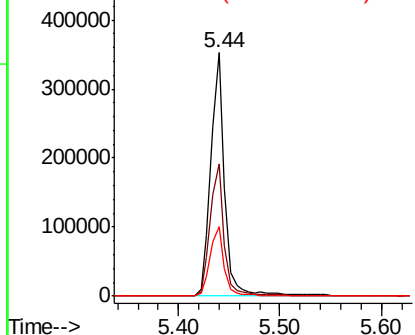
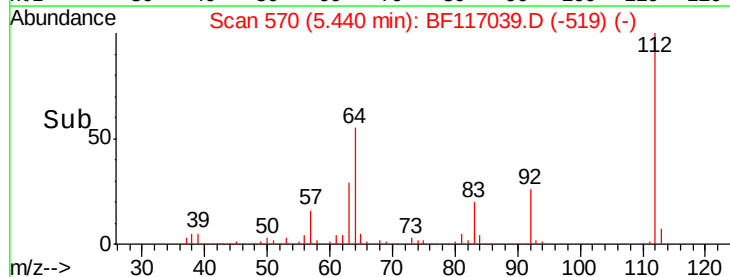
#5

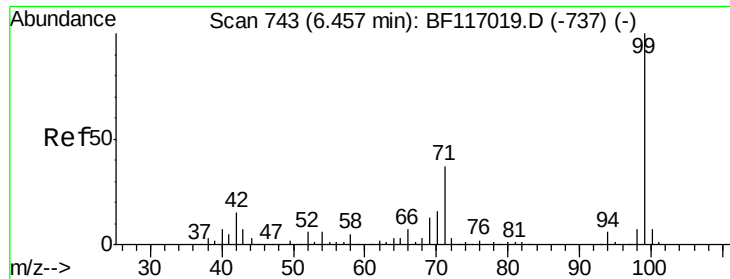
2-Fluorophenol
Concen: 83.015 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion:112 Resp: 337887
Ion Ratio Lower Upper
112 100
64 54.5 45.7 68.5
63 28.5 24.9 37.3



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: 92.552 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

Instrument :

BNA_F

ClientSampleId :

GIS-1(0.-2)

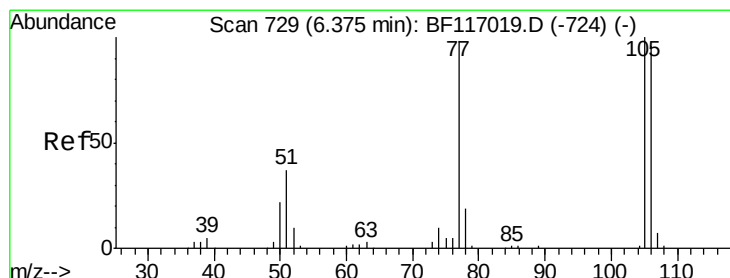
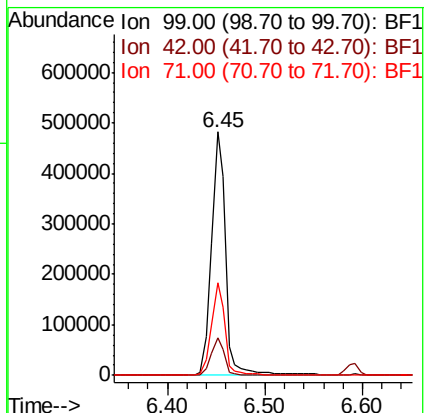
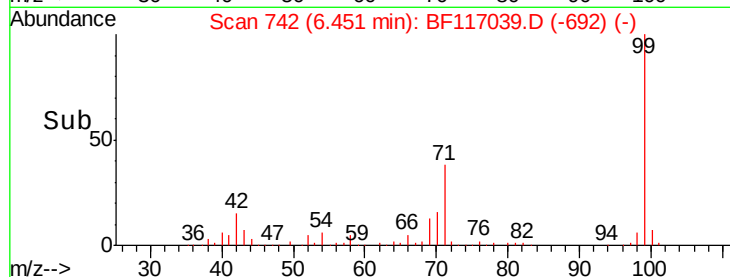
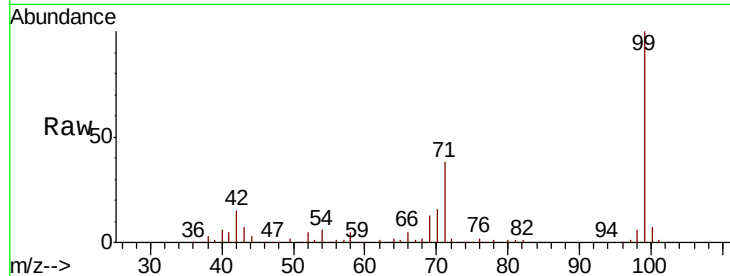
Tot Ion: 99 Resp: 486841

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 38.2 29.8 44.8



#9

Benzaldehyde

Concen: Below Cal

RT: 6.45 min Scan# 742

Delta R.T. 0.08 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

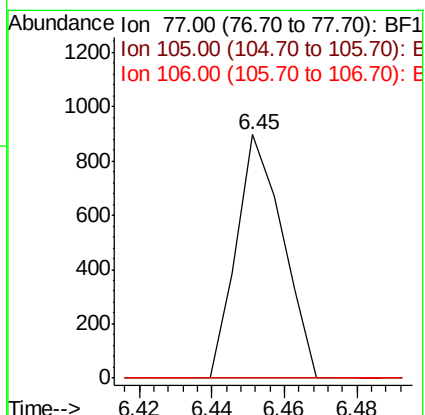
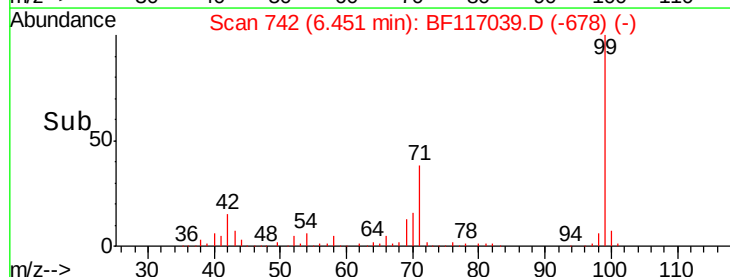
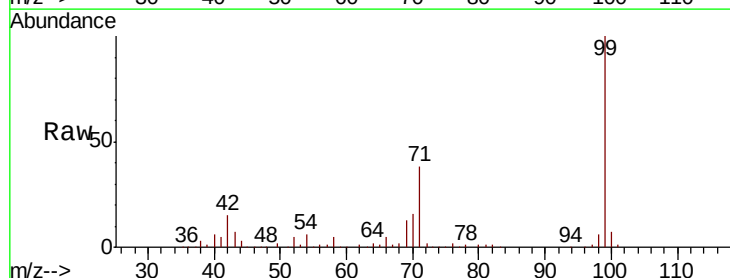
Tgt Ion: 77 Resp: 803

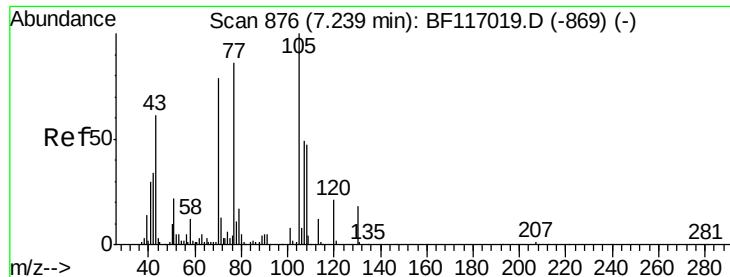
Ion Ratio Lower Upper

77 100

105 0.0 81.8 121.8#

106 0.0 77.3 117.3#

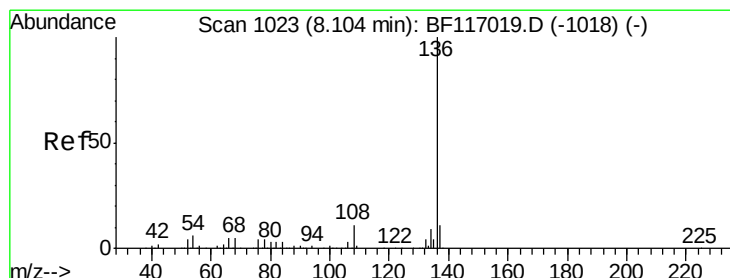
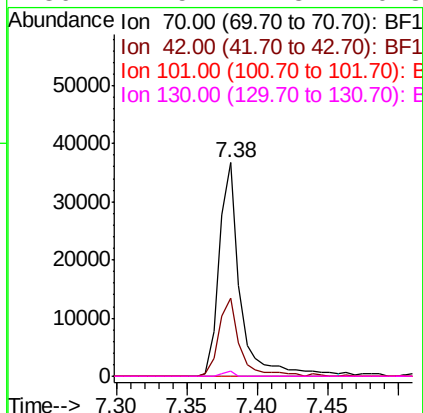
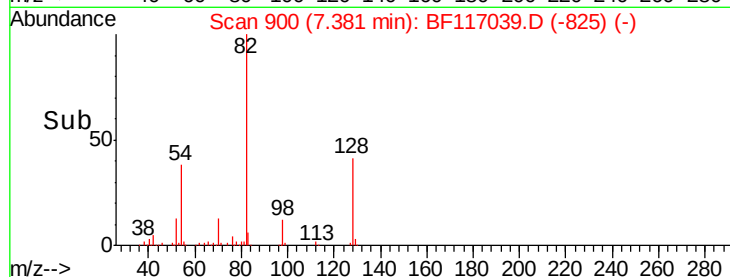
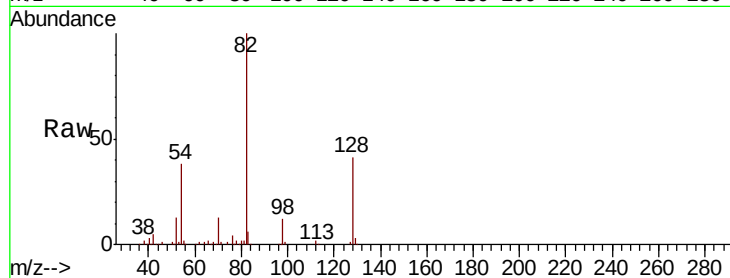




#19
n-Nitroso-di-n-propylamine
Concen: 11.868 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

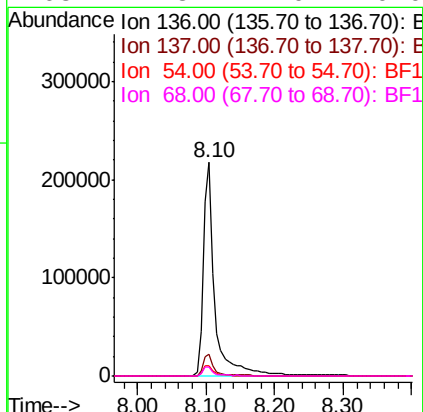
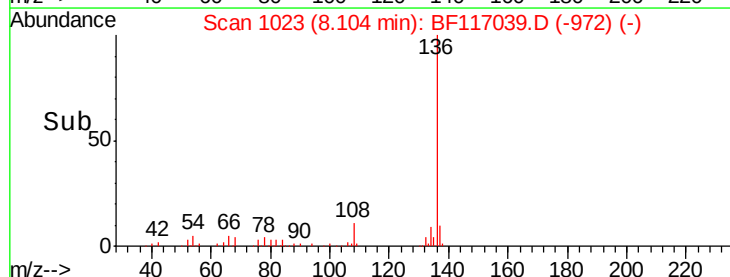
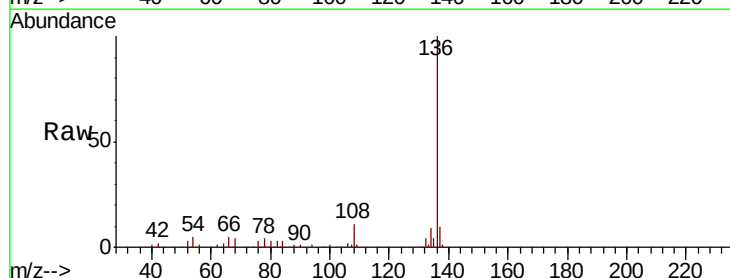
Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

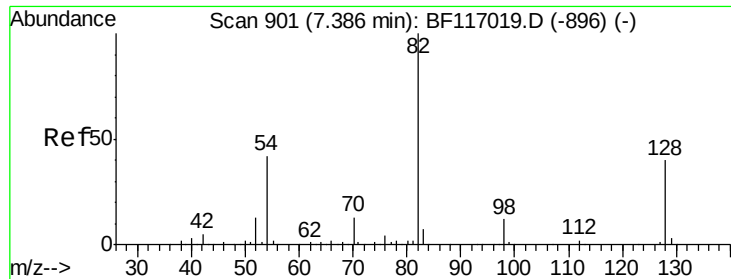
Tot Ion: 70 Resp: 38014
Ion Ratio Lower Upper
70 100
42 36.7 34.0 51.0
101 0.0 7.8 11.6#
130 2.5 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion: 136 Resp: 262180
Ion Ratio Lower Upper
136 100
137 10.0 9.0 13.4
54 4.8 4.5 6.7
68 4.3 4.0 6.0

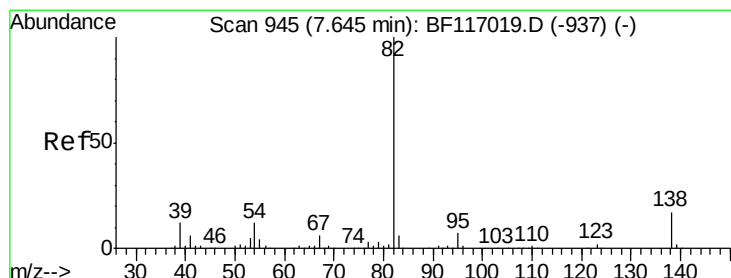
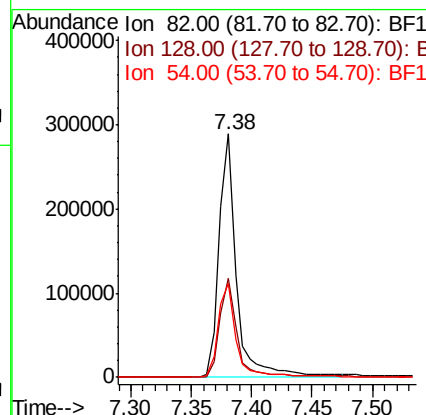
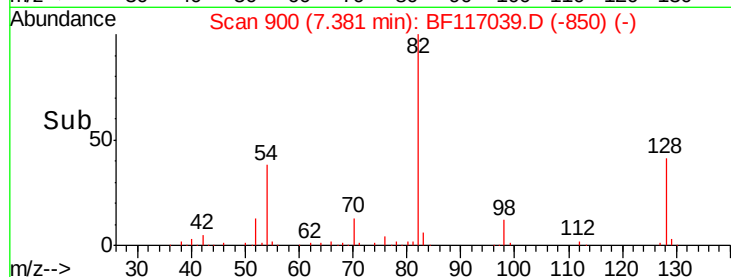
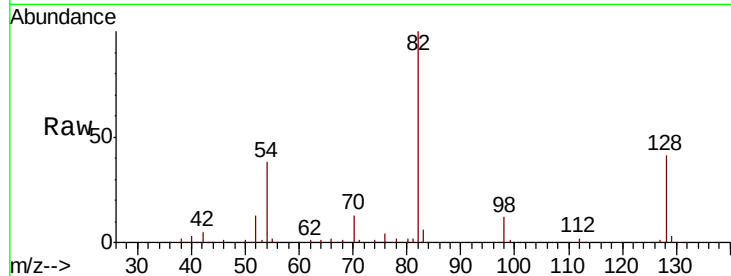




#23
 Nitrobenzene-d5
 Concen: 57.785 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117039.D
 Acq: 13 Sep 2019 22:51

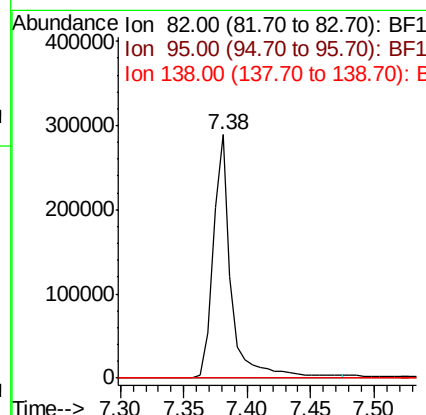
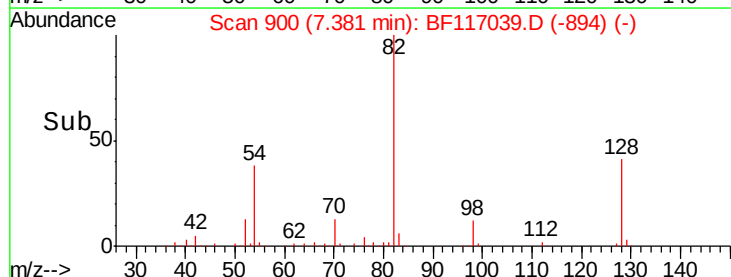
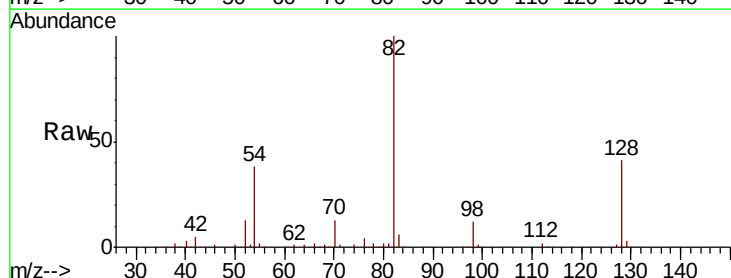
Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0.-2)

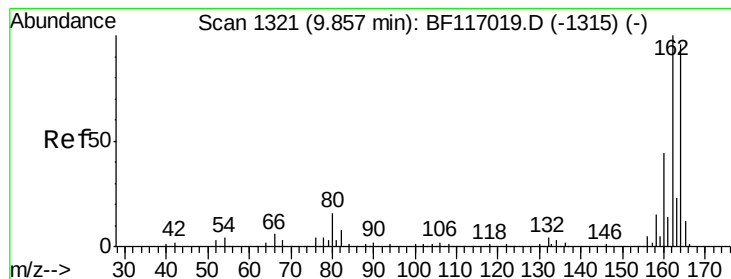
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.3	48.5
54	38.5	33.3	49.9



#25
 Isophorone
 Concen: 32.636 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF117039.D
 Acq: 13 Sep 2019 22:51

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

Instrument :

BNA_F

ClientSampleId :

GIS-1(0.-2)

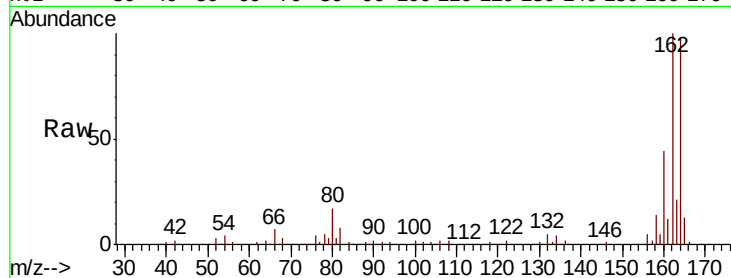
Tot Ion:164 Resp: 133930

Ion Ratio Lower Upper

164 100

162 101.8 83.4 125.2

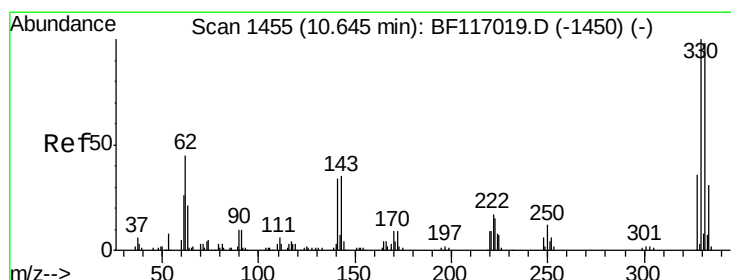
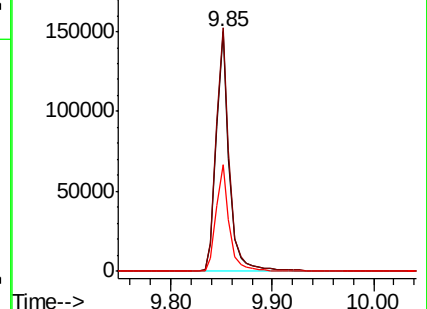
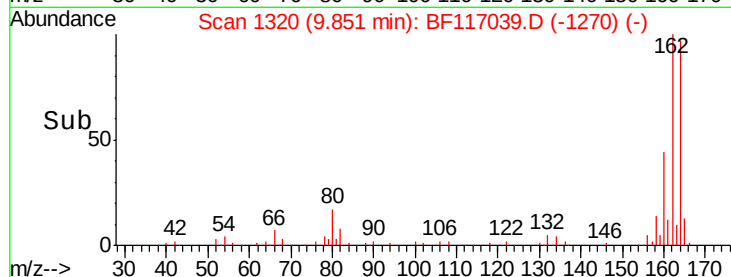
160 44.6 36.4 54.6



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: 96.029 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

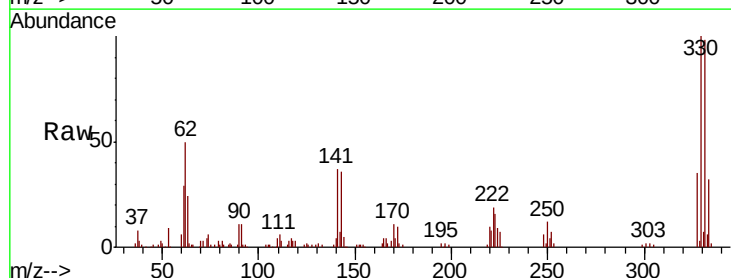
Tgt Ion:330 Resp: 107490

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

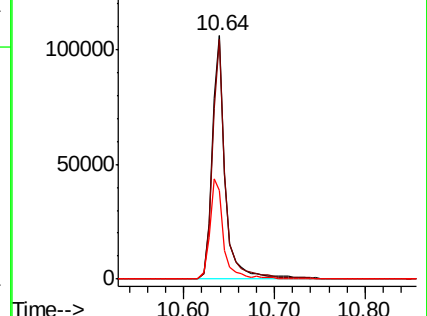
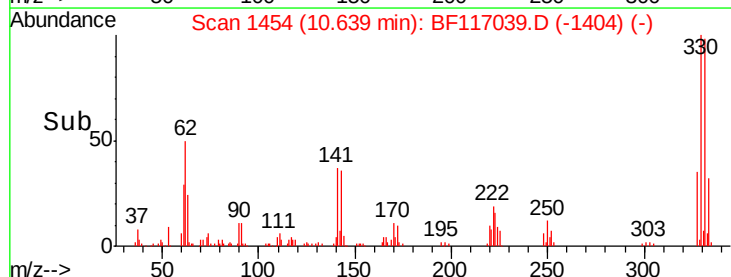
141 43.7 35.8 53.6

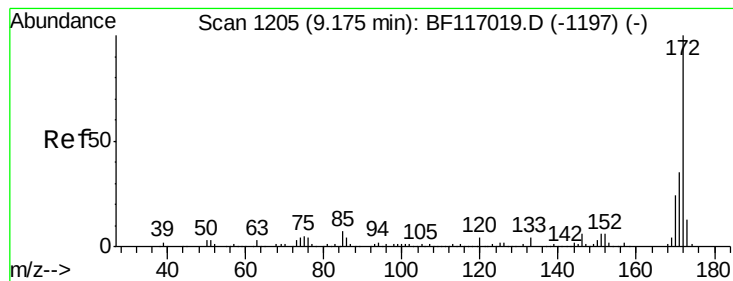


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 60.392 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

Instrument :

BNA_F

ClientSampleId :

GIS-1(0.-2)

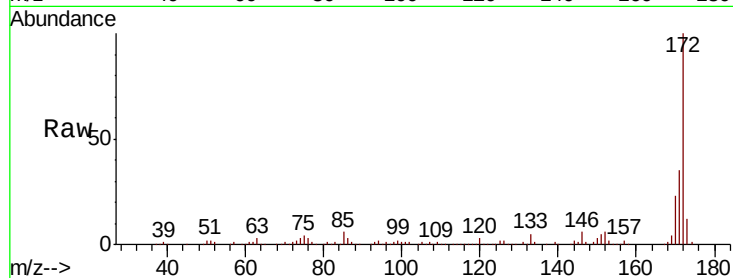
Tot Ion:172 Resp: 517298

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

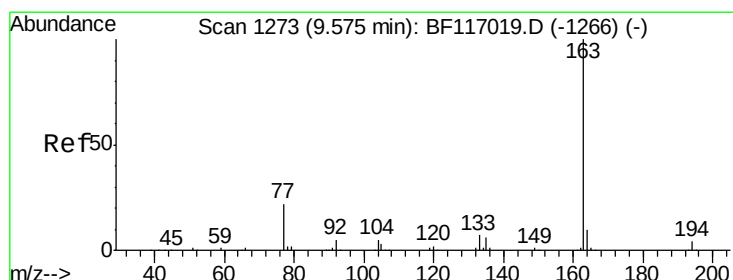
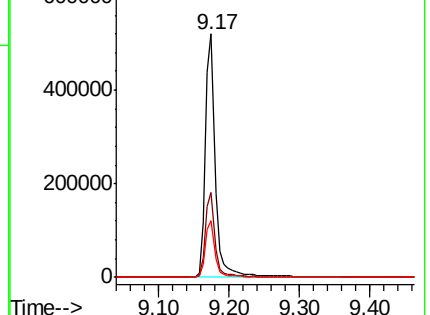
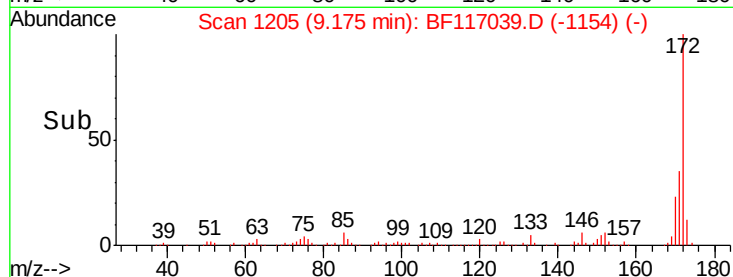
170 23.2 18.9 28.3



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: 6.107 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

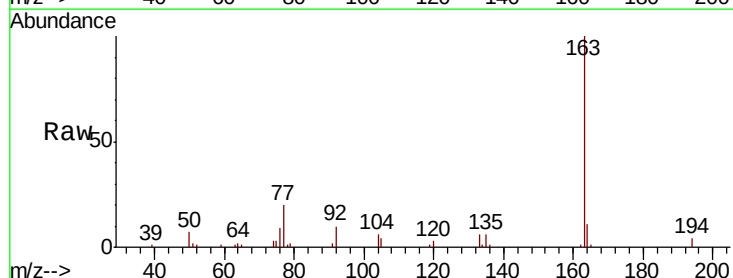
Tgt Ion:163 Resp: 57912

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

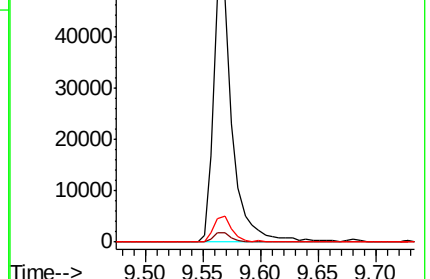
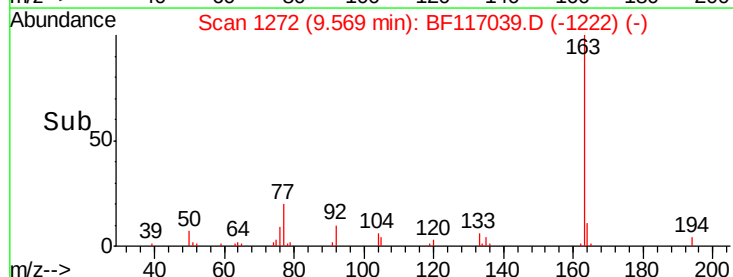
164 10.8 8.2 12.4

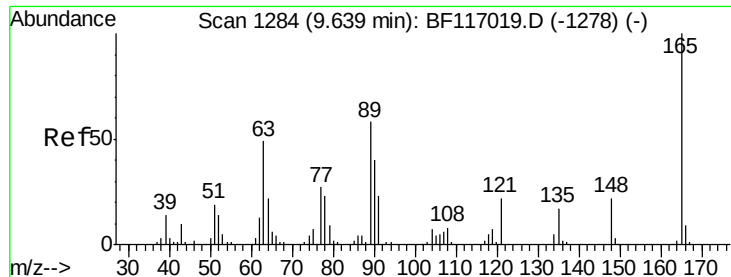


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.834 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.21 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

Instrument :

BNA_F

ClientSampleId :

GIS-1(0.-2)

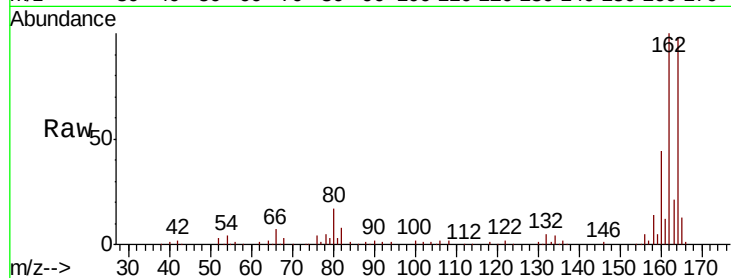
Tot Ion:165 Resp: 17061

Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.8#

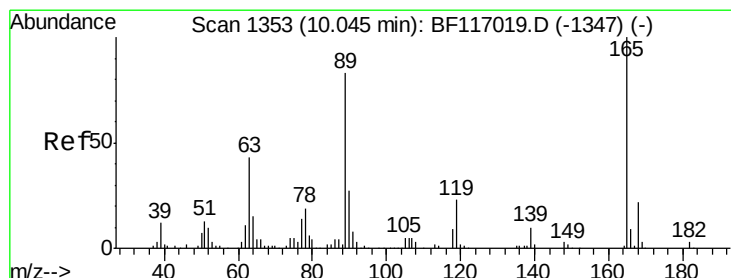
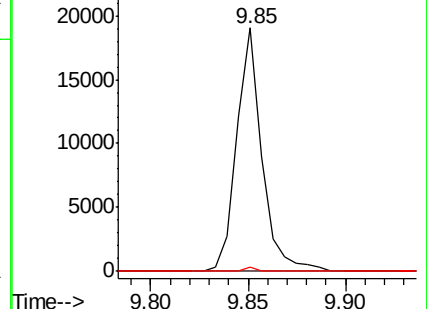
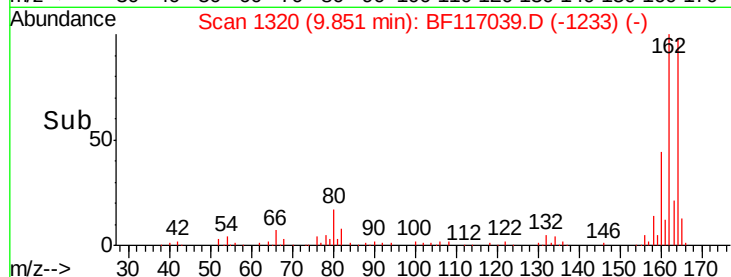
89 1.9 46.5 69.7#



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: 6.805 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

Tgt Ion:165 Resp: 17061

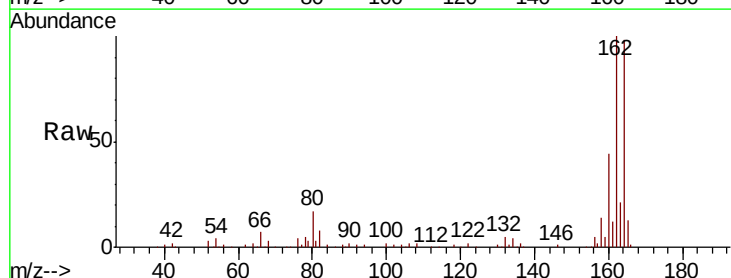
Ion Ratio Lower Upper

165 100

63 0.0 35.0 52.4#

89 1.9 66.1 99.1#

182 0.0 2.0 3.0#

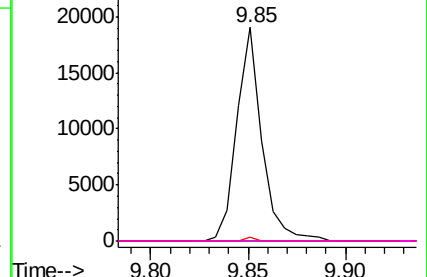
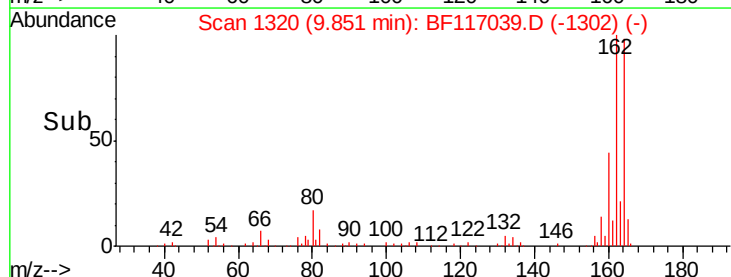


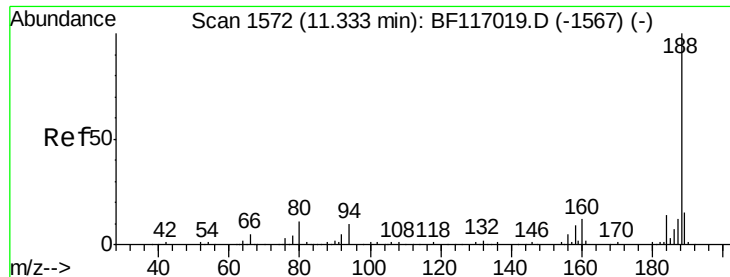
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

Instrument :

BNA_F

ClientSampleId :

GIS-1(0.-2)

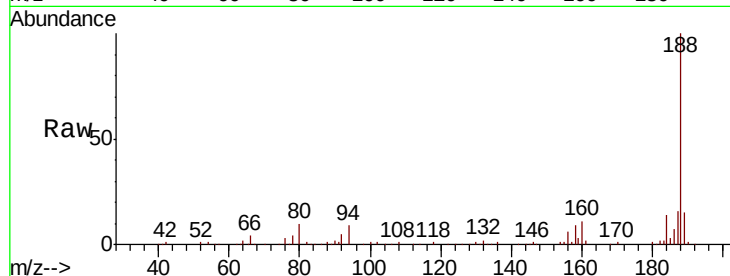
Tot Ion:188 Resp: 224766

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

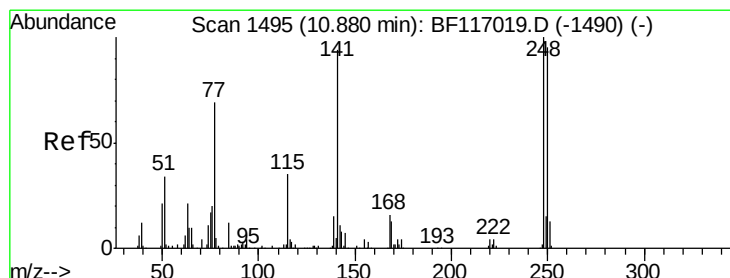
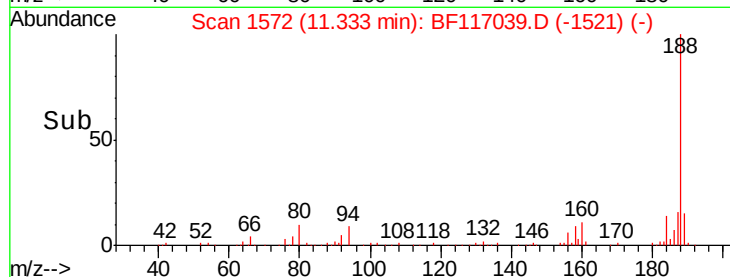
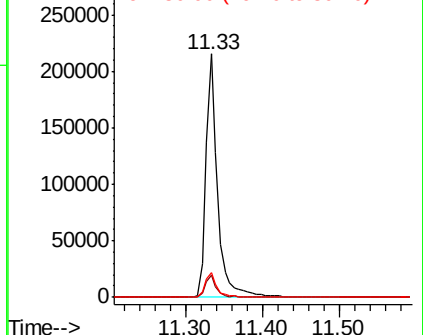
80 10.4 9.0 13.6



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: 2.821 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.24 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

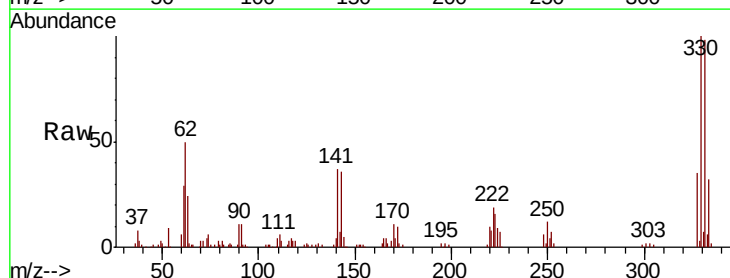
Tgt Ion:248 Resp: 6475

Ion Ratio Lower Upper

248 100

250 199.6 76.2 114.4#

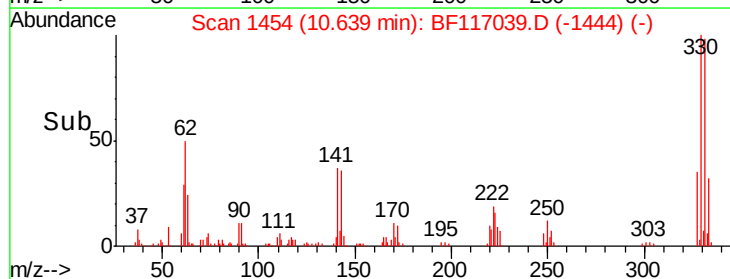
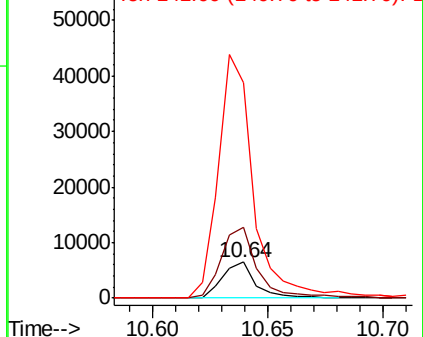
141 601.9 75.0 112.4#

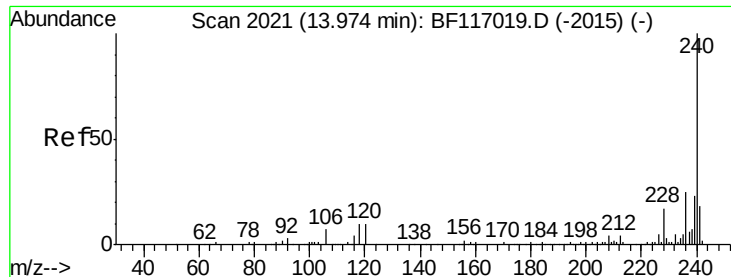


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

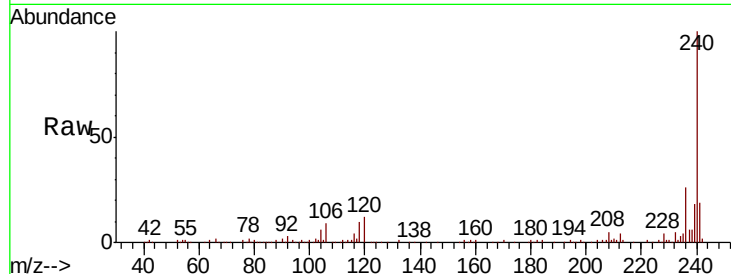




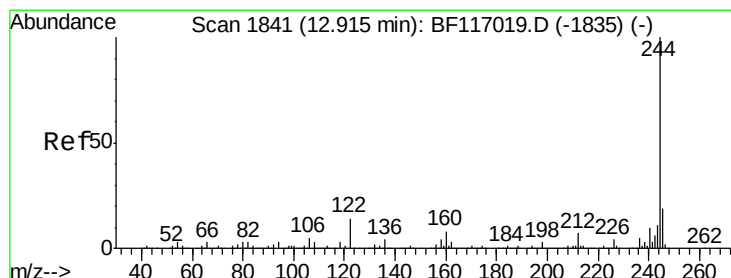
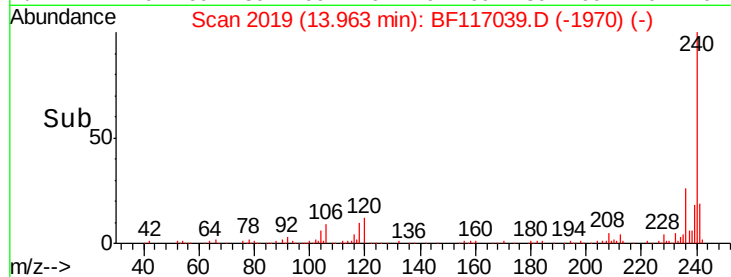
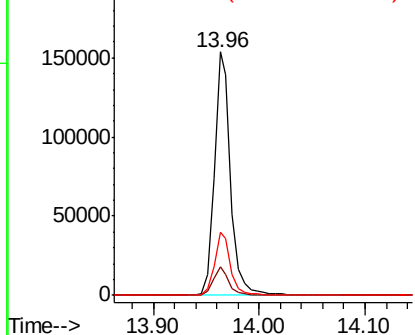
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

Tot Ion:240 Resp: 166277
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 25.9 20.3 30.5

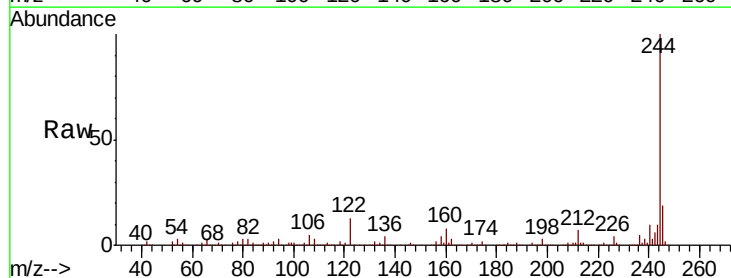


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

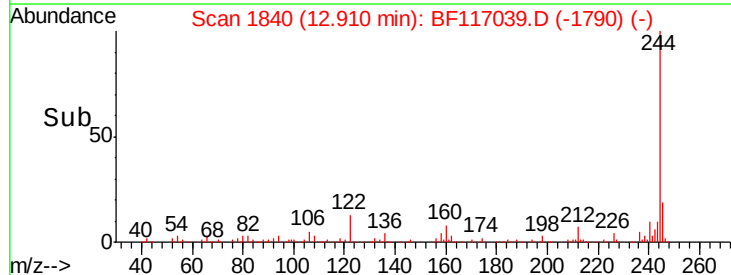
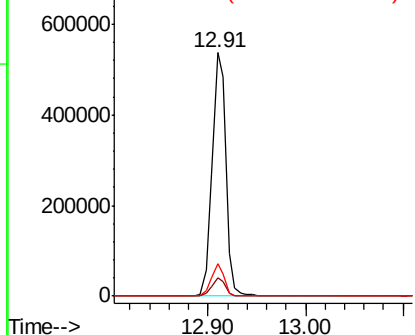


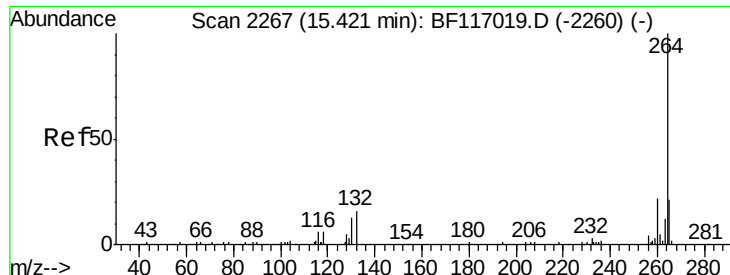
#79
Terphenyl-d14
Concen: 59.121 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117039.D
Acq: 13 Sep 2019 22:51

Tgt Ion:244 Resp: 525909
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 13.5 11.3 16.9



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

Pervlene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

Instrument :

BNA_F

ClientSampled :

GIS-1(0.-2)

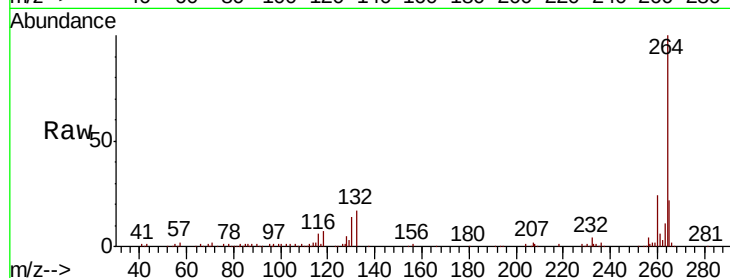
Tot Ion:264 Resp: 147562

Ion Ratio Lower Upper

264 100

260 23.8 17.6 26.4

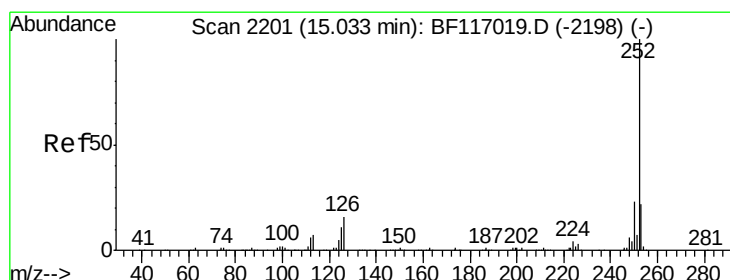
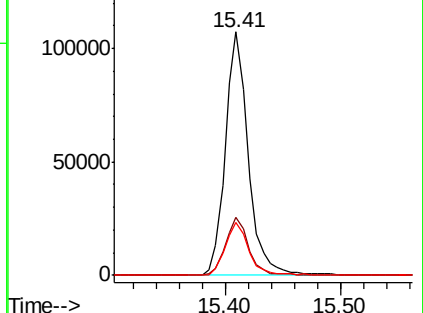
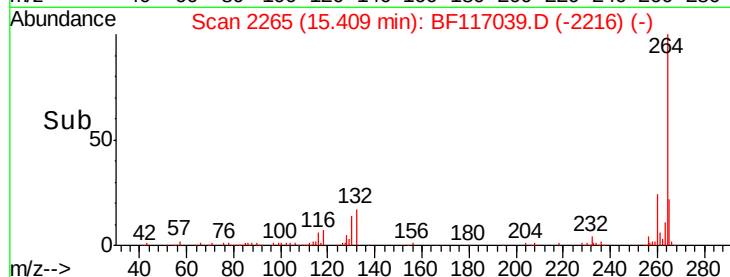
265 21.7 16.6 24.8



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



#89

Benzo(k)fluoranthene

Concen: 2.053 ng

RT: 15.00 min Scan# 2195

Delta R.T. -0.04 min

Lab File: BF117039.D

Acq: 13 Sep 2019 22:51

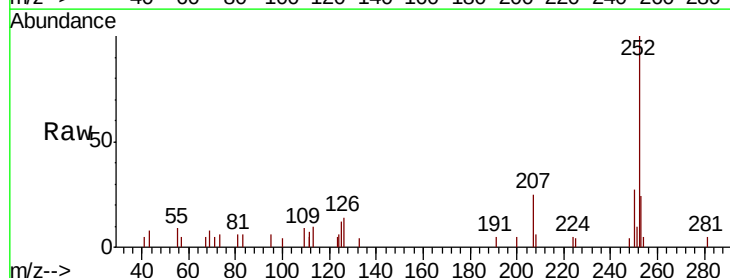
Tgt Ion:252 Resp: 17384

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.2

125 11.9 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

