

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116835.D
 Acq On : 5 Sep 2019 14:01
 Operator : HP/JU
 Sample : K4679-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 03:53:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

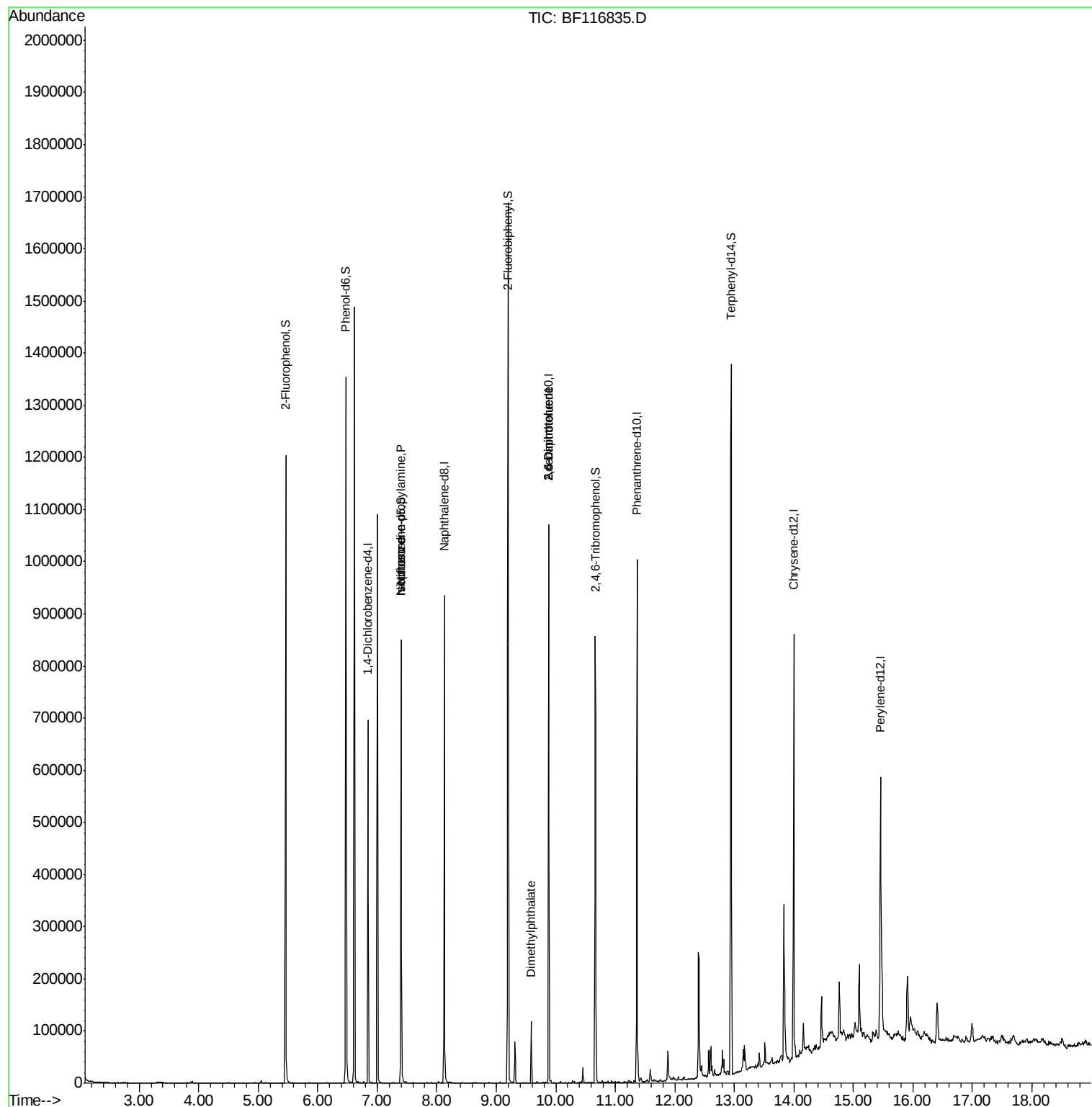
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	91975	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	382254	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	200156	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	321017	20.00	ng	0.00
76) Chrysene-d12	14.00	240	239148	20.00	ng	0.00
87) Perylene-d12	15.46	264	224613	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	332186	58.51	ng	0.00
7) Phenol-d6	6.47	99	465844	62.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	276707	41.32	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	88425	66.08	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	465201	39.21	ng	-0.01
79) Terphenyl-d14	12.94	244	428837	33.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	36247	7.384	ng	# 75
25) Isophorone	7.40	82	276703	20.393	ng	# 66
50) Dimethylphthalate	9.59	163	42201	3.054	ng	99
51) 2,6-Dinitrotoluene	9.88	165	25430	9.645	ng	# 21
57) 2,4-Dinitrotoluene	9.88	165	25430	7.888	ng	# 22

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

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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: BF116835.D

Acq: 5 Sep 2019 14:01

Instrument :

BNA_F

ClientSampleId :

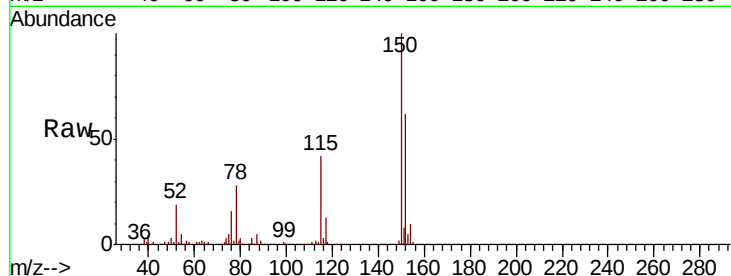
Tot Ion:152 Resp: 91975

Ion Ratio Lower Upper

152 100

150 162.0 124.4 186.6

115 67.2 49.9 74.9

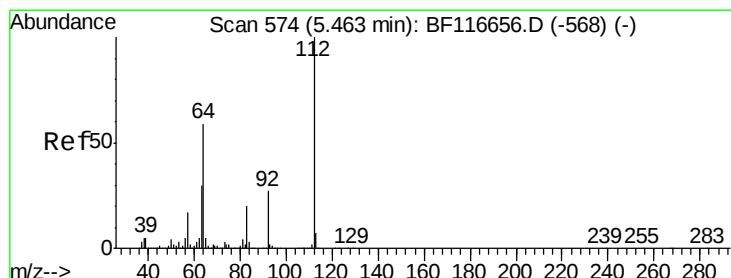
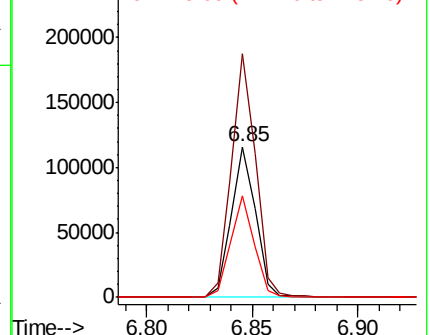
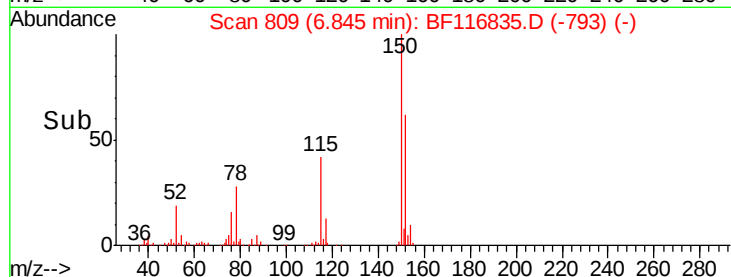


Abundance

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: 58.512 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116835.D

Acq: 5 Sep 2019 14:01

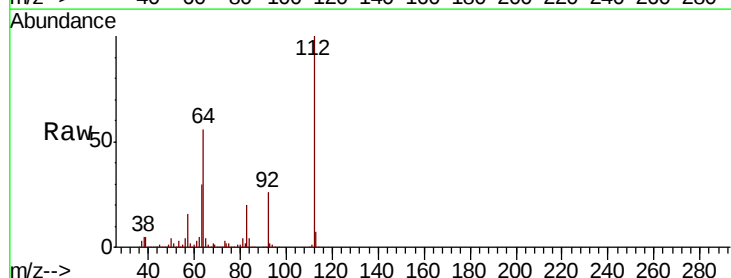
Tgt Ion:112 Resp: 332186

Ion Ratio Lower Upper

112 100

64 55.7 47.1 70.7

63 30.1 24.9 37.3

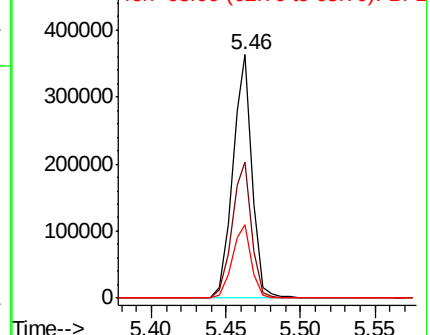
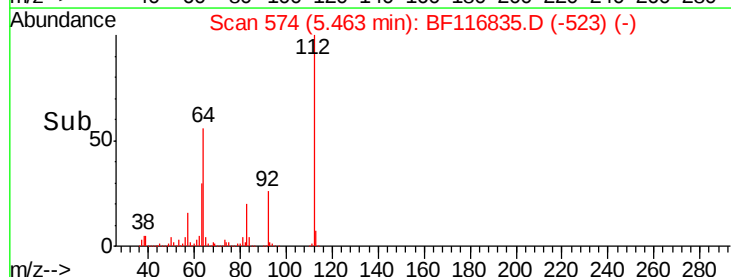


Abundance

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: 62.488 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116835.D

Acq: 5 Sep 2019 14:01

Instrument :

BNA_F

ClientSampleId :

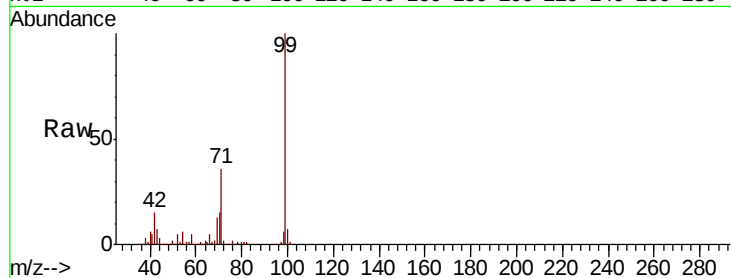
Tot Ion: 99 Resp: 465844

Ion Ratio Lower Upper

99 100

42 14.7 13.7 20.5

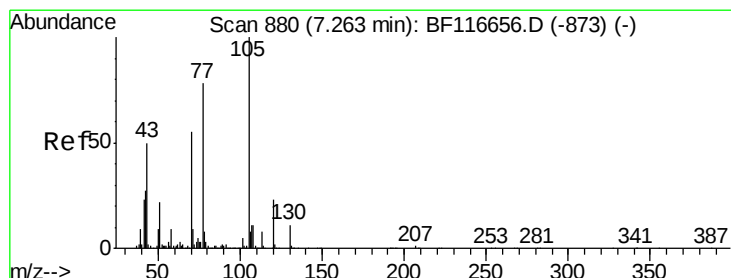
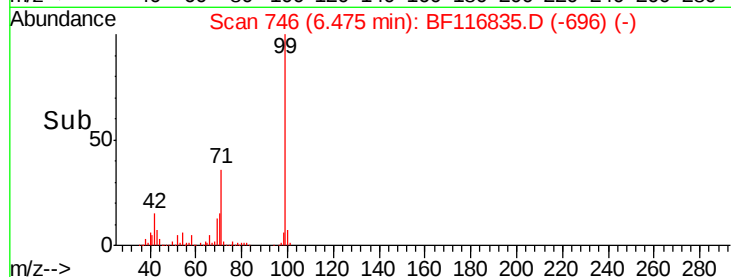
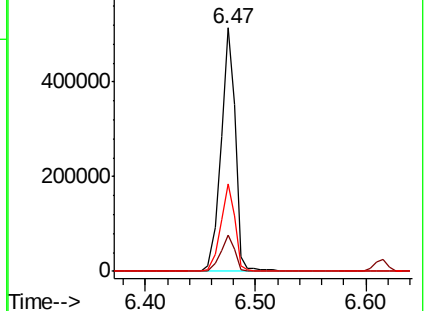
71 36.1 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 7.384 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116835.D

Acq: 5 Sep 2019 14:01

Tgt Ion: 70 Resp: 36247

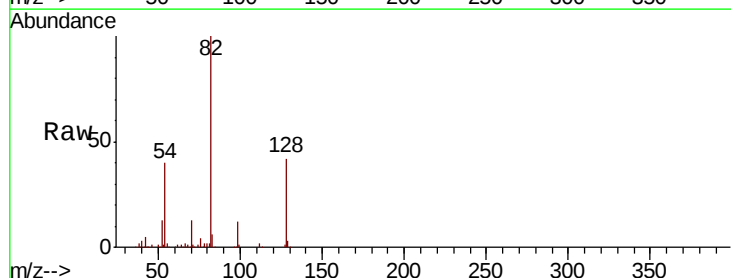
Ion Ratio Lower Upper

70 100

42 41.1 43.5 65.3#

101 0.0 7.8 11.6#

130 2.1 16.6 24.8#

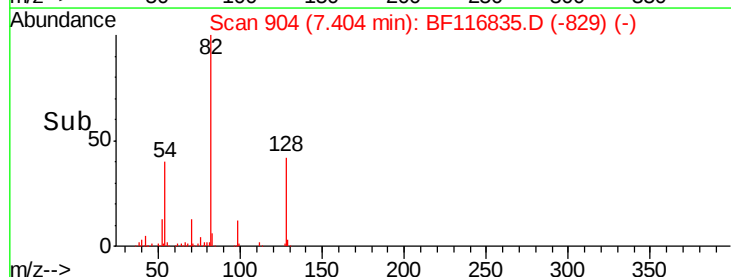
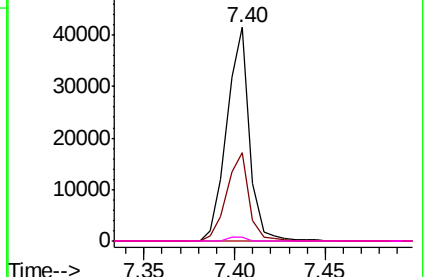


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

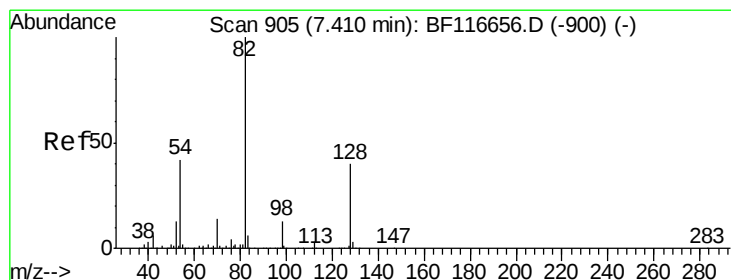
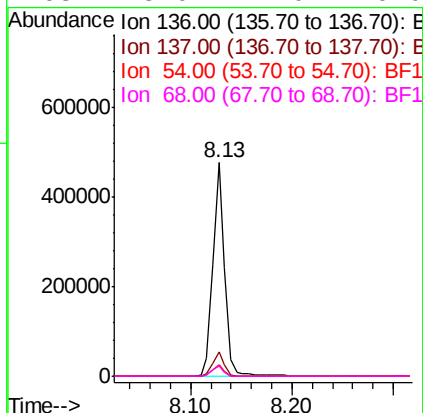
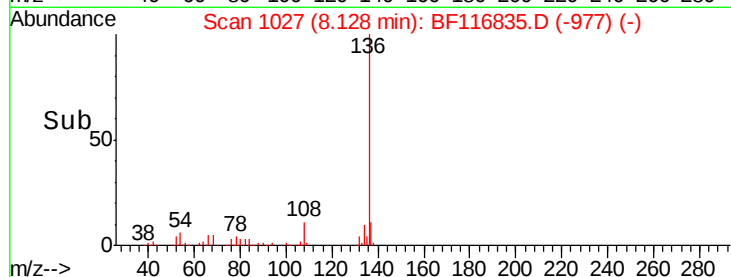
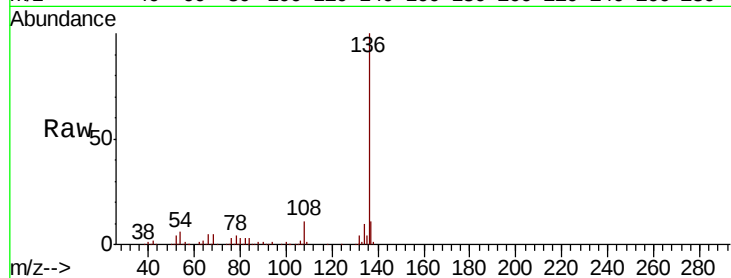




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116835.D
Acq: 5 Sep 2019 14:01

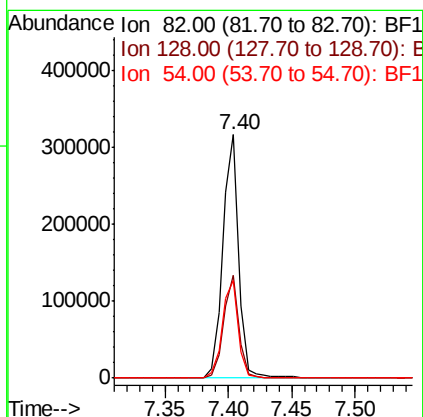
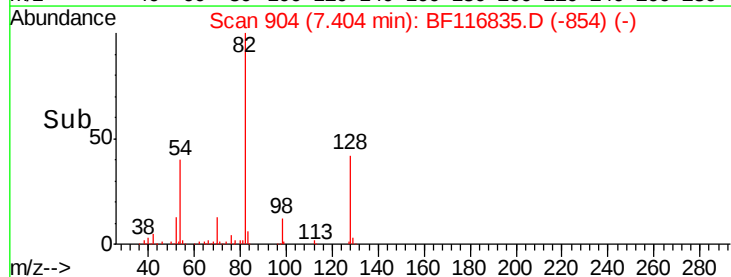
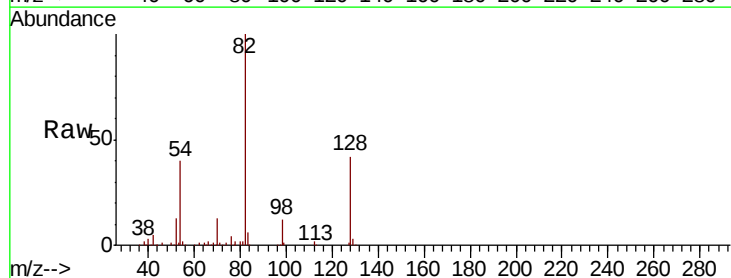
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	382254
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	5.7	4.8 7.2
68	5.0	4.0 6.0



#23
Nitrobenzene-d5
Concen: 41.325 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116835.D
Acq: 5 Sep 2019 14:01

Tgt Ion: 82	Resp:	276707
Ion	Ratio	Lower Upper
82	100	
128	42.4	32.8 49.2
54	40.0	36.9 55.3





#25

Isophorone

Concen: 20.393 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116835.D

Acq: 5 Sep 2019 14:01

Instrument :

BNA_F

ClientSampleId :

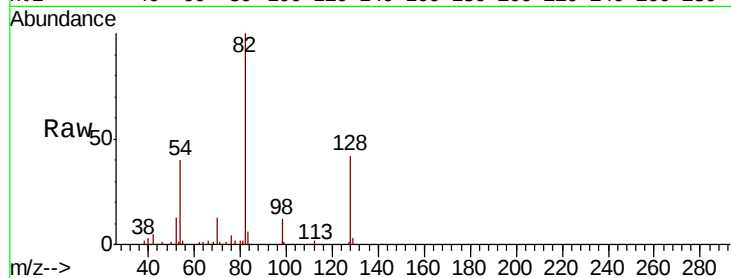
Tot Ion: 82 Resp: 276703

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

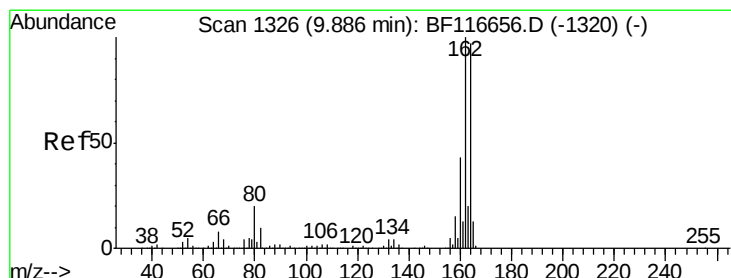
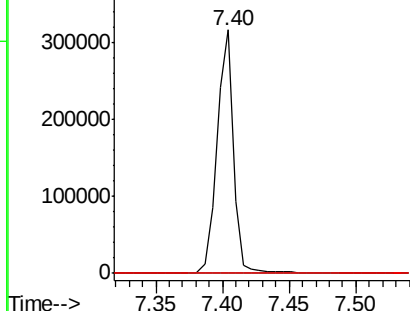
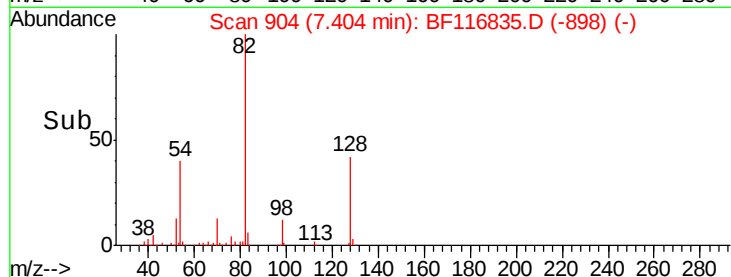
138 0.0 13.5 20.3#



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116835.D

Acq: 5 Sep 2019 14:01

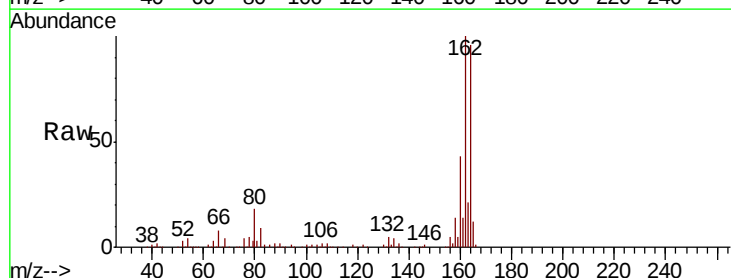
Tgt Ion:164 Resp: 200156

Ion Ratio Lower Upper

164 100

162 104.3 81.4 122.0

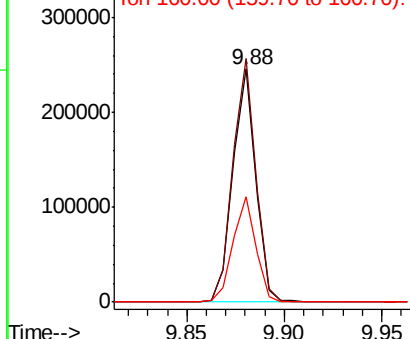
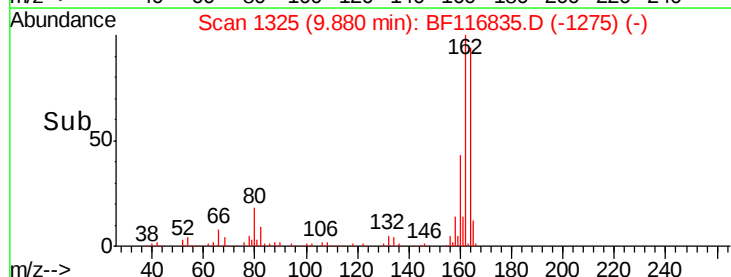
160 45.1 35.4 53.2

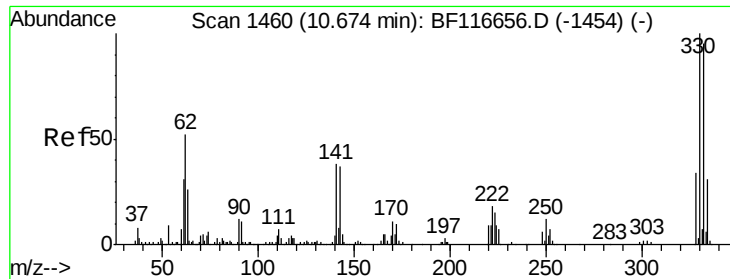


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

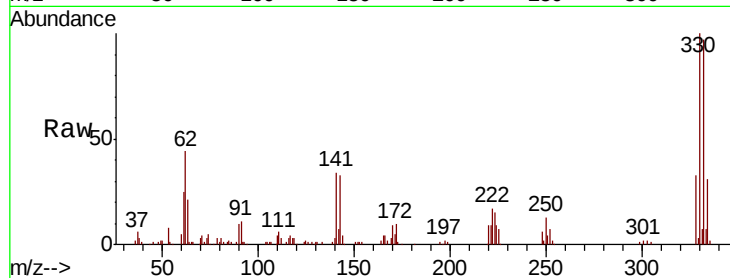




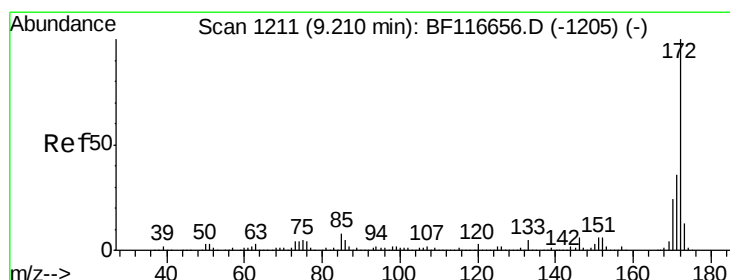
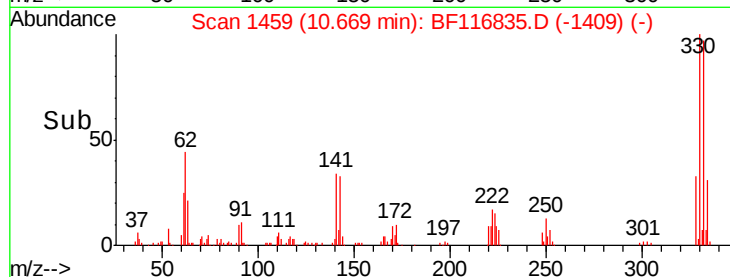
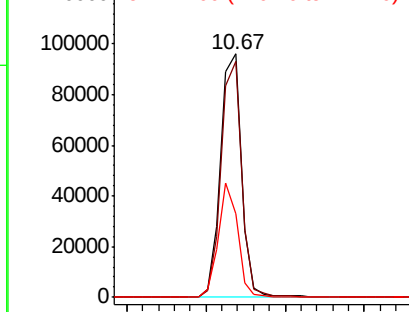
#42
 2,4,6-Tribromophenol
 Concen: 66.083 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116835.D
 Acq: 5 Sep 2019 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 88425
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.9 115.3
 141 43.3 31.4 47.2

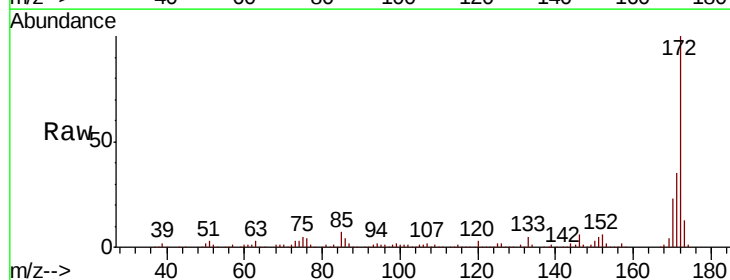


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

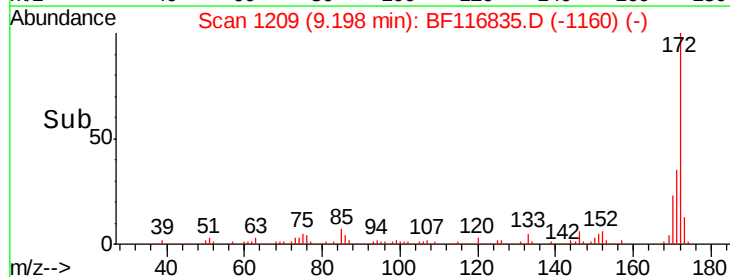
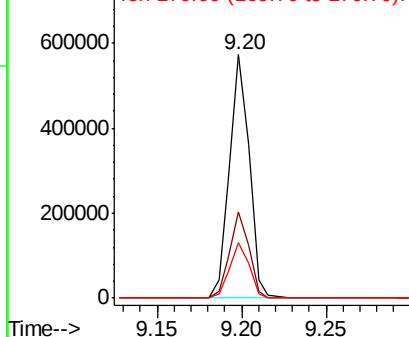


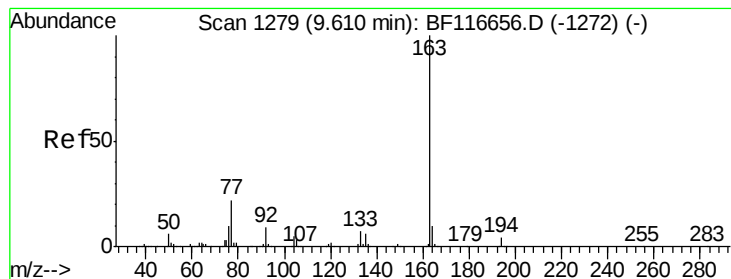
#45
 2-Fluorobiphenyl
 Concen: 39.207 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116835.D
 Acq: 5 Sep 2019 14:01

Tgt Ion:172 Resp: 465201
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.8 41.6
 170 23.0 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: 3.054 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116835.D

Acq: 5 Sep 2019 14:01

Instrument :

BNA_F

ClientSampleId :

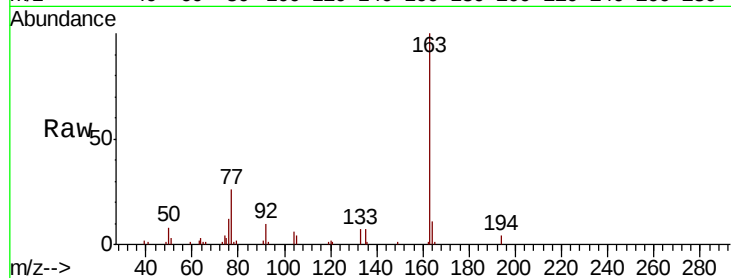
Tot Ion:163 Resp: 42201

Ion Ratio Lower Upper

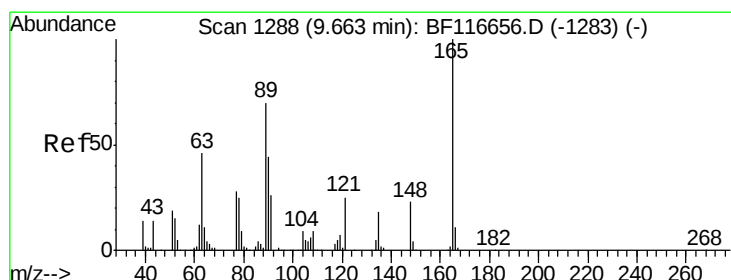
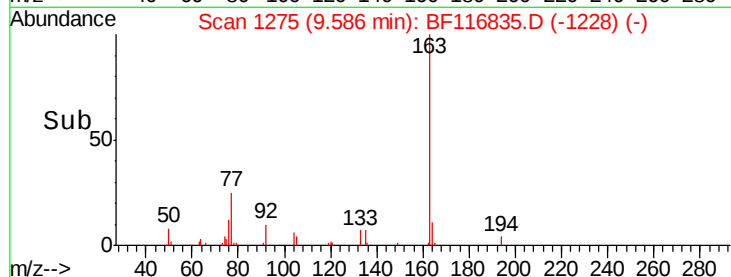
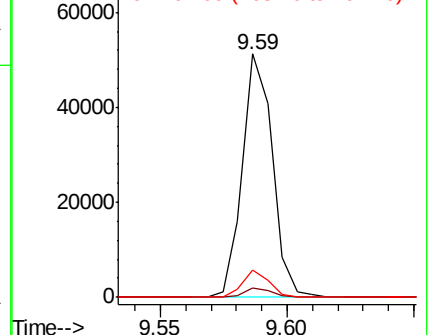
163 100

194 3.9 2.8 4.2

164 11.0 8.6 12.8



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: 9.645 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.22 min

Lab File: BF116835.D

Acq: 5 Sep 2019 14:01

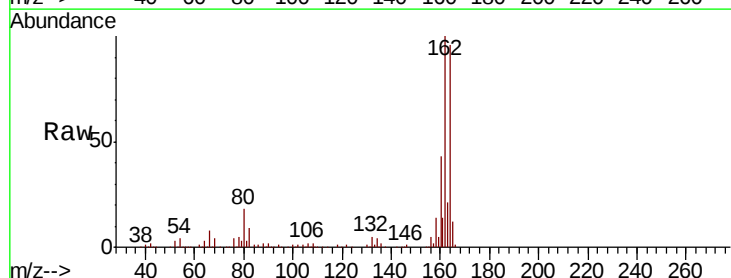
Tgt Ion:165 Resp: 25430

Ion Ratio Lower Upper

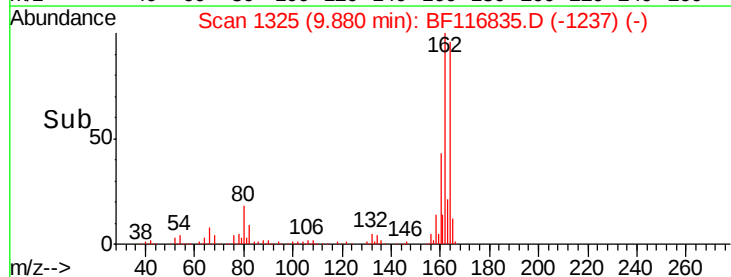
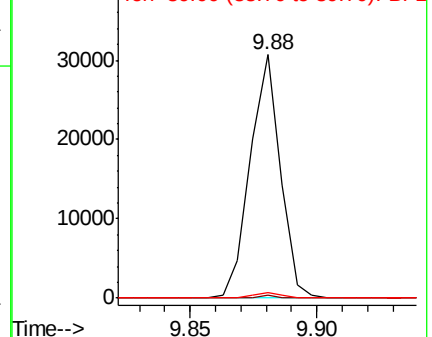
165 100

63 1.1 47.3 70.9#

89 2.3 52.5 78.7#



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

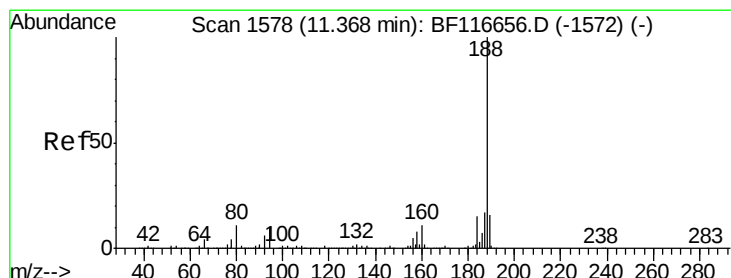
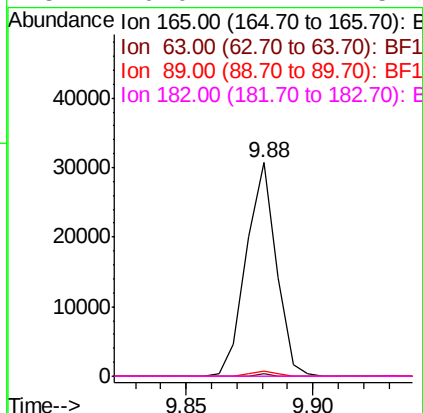
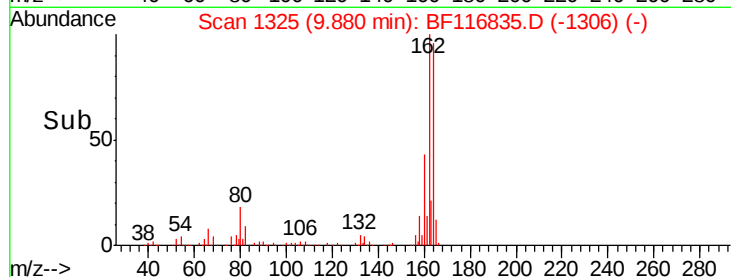
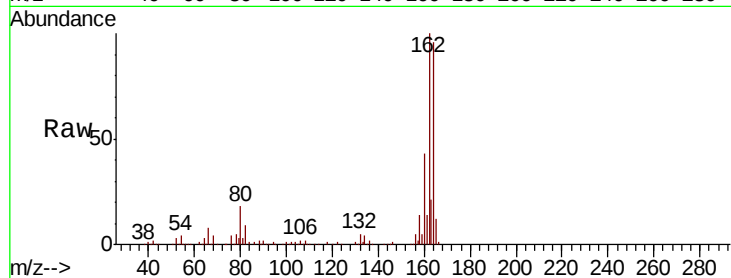




#57
 2,4-Dinitrotoluene
 Concen: 7.888 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116835.D
 Acq: 5 Sep 2019 14:01

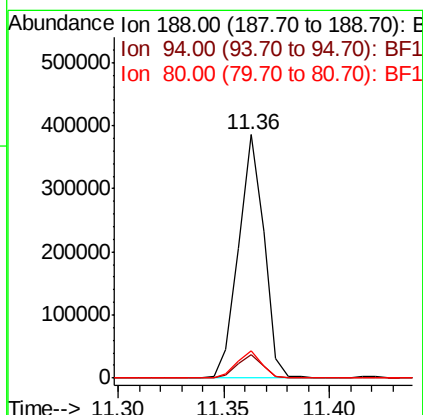
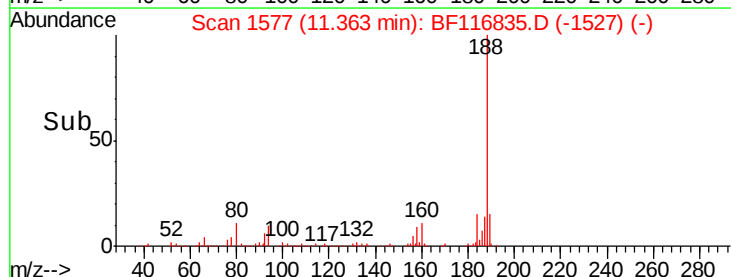
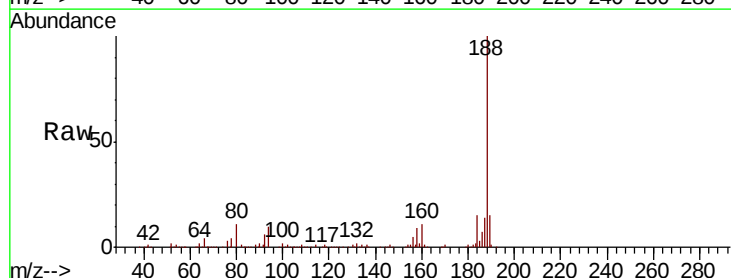
Instrument :
 BNA_F
 ClientSampleId :

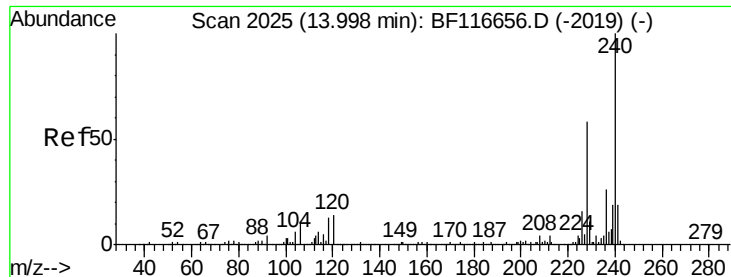
Tot Ion:	165	Resp:	25430
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	2.3	62.6	94.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF116835.D
 Acq: 5 Sep 2019 14:01

Tgt Ion:	188	Resp:	321017
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.3	10.9
80	11.3	8.4	12.6

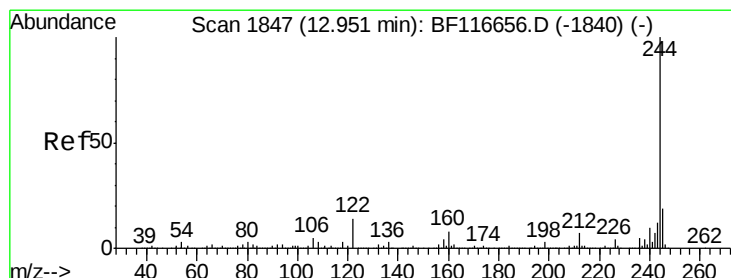
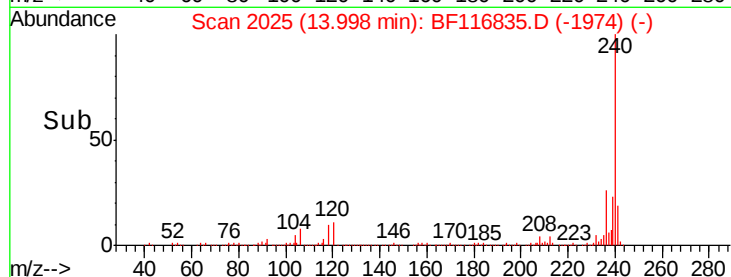
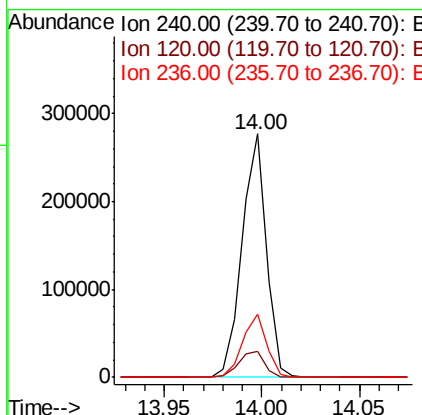
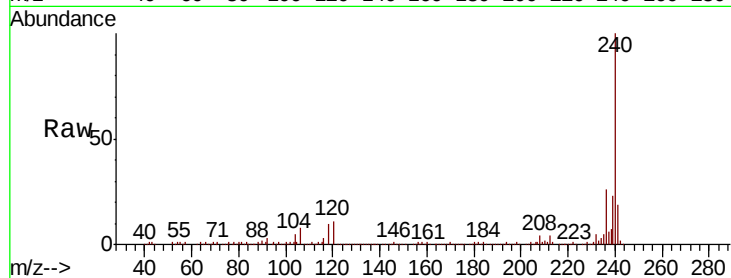




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116835.D
Acq: 5 Sep 2019 14:01

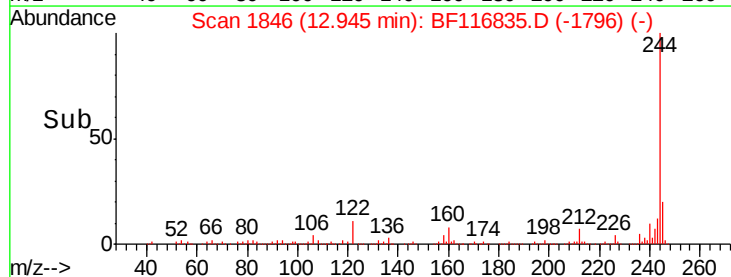
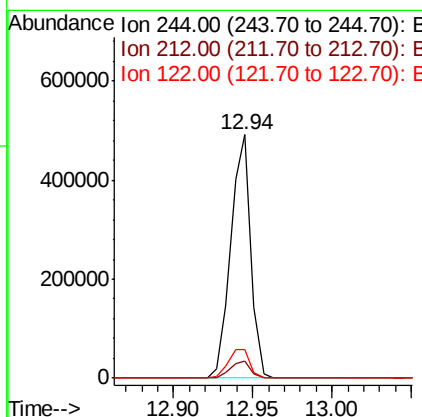
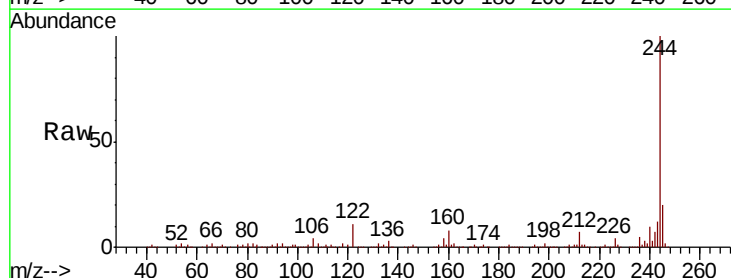
Instrument :
BNA_F
ClientSampleId :

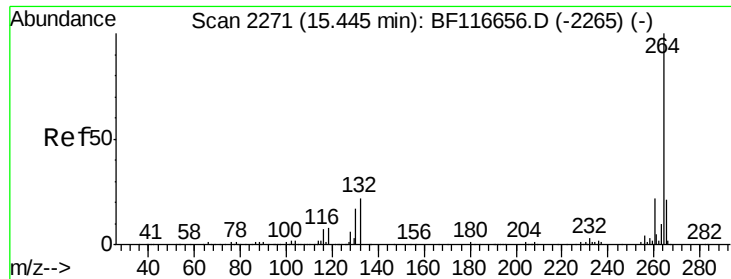
Tot Ion:240 Resp: 239148
Ion Ratio Lower Upper
240 100
120 10.7 9.1 13.7
236 26.1 21.1 31.7



#79
Terphenyl-d14
Concen: 33.173 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116835.D
Acq: 5 Sep 2019 14:01

Tgt Ion:244 Resp: 428837
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 11.5 10.2 15.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF116835.D
 Acq: 5 Sep 2019 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	22.0	16.5	24.7

