

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115835.D
 Acq On : 29 Jul 2019 16:41
 Operator : HP/JU
 Sample : K4036-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 17:32:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

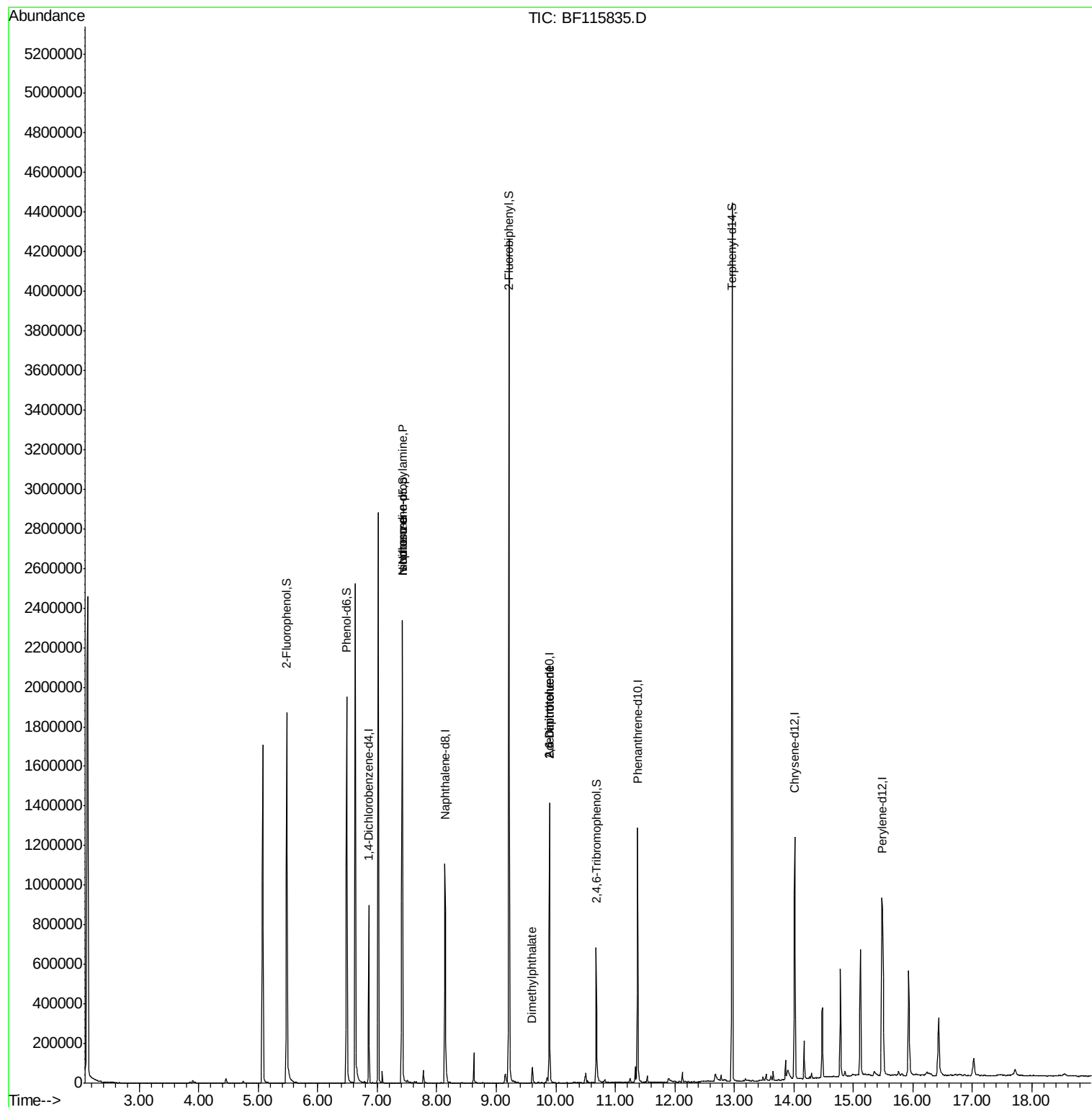
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131255	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	505868	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	272084	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	493118	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	408893	20.00	ng	-0.02
87) Perylene-d12	15.48	264	385612	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	546139	68.06	ng	-0.01
7) Phenol-d6	6.49	99	653148	64.15	ng	-0.02
23) Nitrobenzene-d5	7.42	82	755575	86.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	90447	28.48	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	1328512	85.46	ng	-0.02
79) Terphenyl-d14	12.96	244	1619750	73.09	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	101491	15.284	ng	# 79
25) Isophorone	7.42	82	755568	43.402	ng	# 66
50) Dimethylphthalate	9.61	163	41893	2.046	ng	100
51) 2,6-Dinitrotoluene	9.89	165	34738	7.467	ng	# 25
57) 2,4-Dinitrotoluene	9.89	165	34738	5.764	ng	# 25

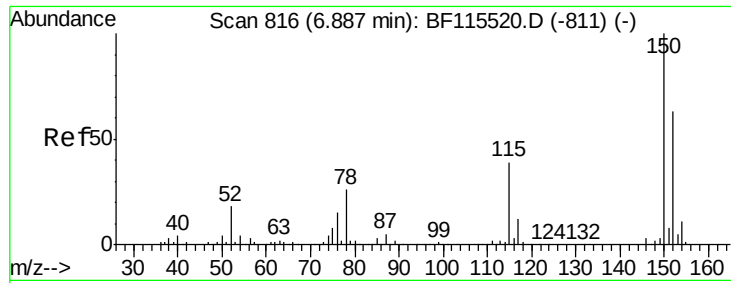
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration



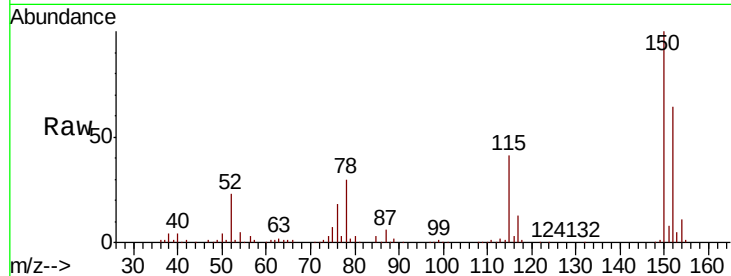


#1

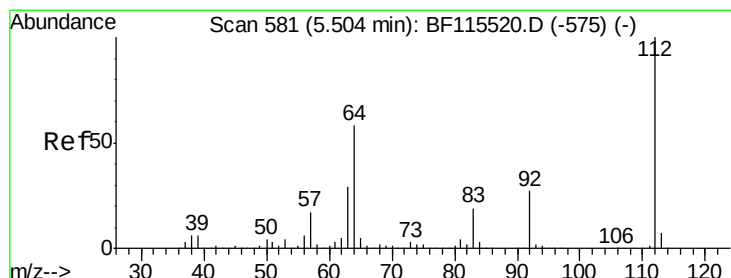
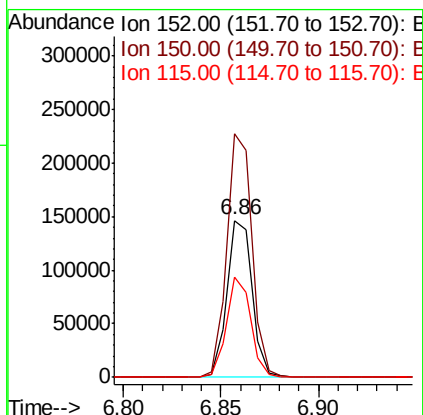
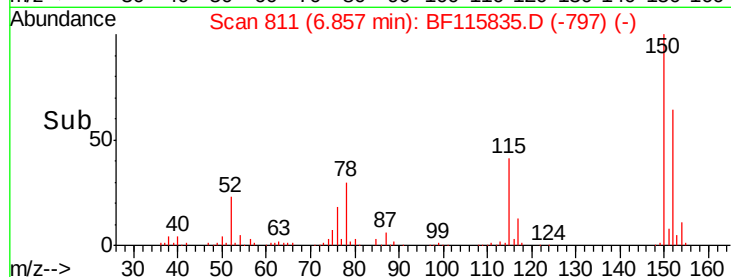
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF115835.D
Acq: 29 Jul 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131255
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 63.9 47.8 71.6



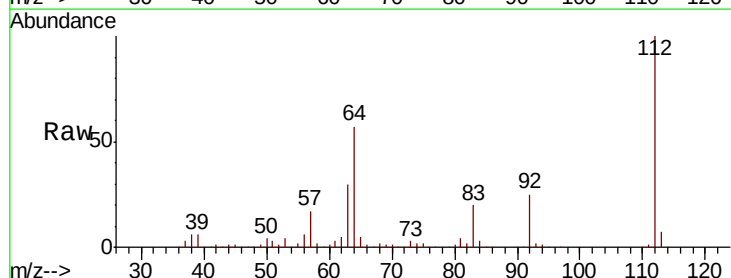
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



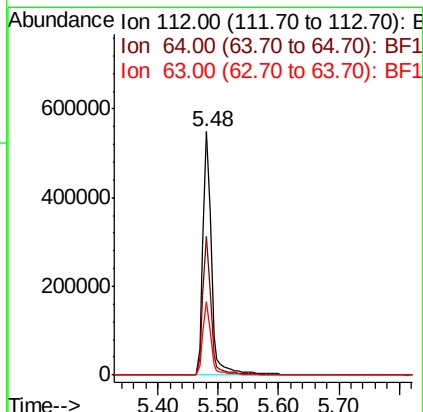
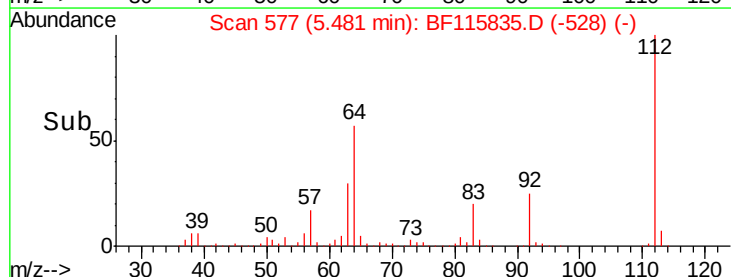
#5

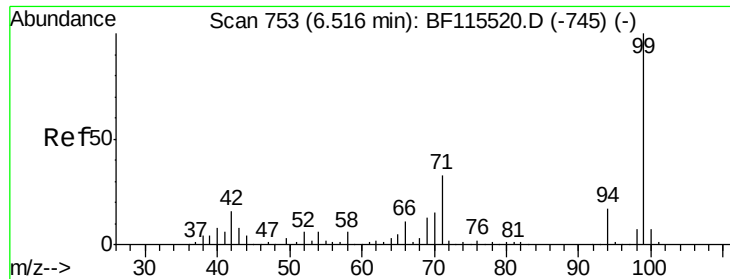
2-Fluorophenol
Concen: 68.060 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 16:41

Tgt Ion:112 Resp: 546139
Ion Ratio Lower Upper
112 100
64 57.1 45.8 68.8
63 30.4 23.6 35.4



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: 64.148 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF115835.D

Acq: 29 Jul 2019 16:41

Instrument :

BNA_F

ClientSampled :

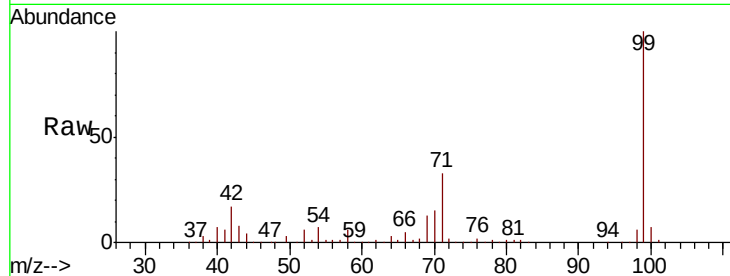
Tot Ion: 99 Resp: 653148

Ion Ratio Lower Upper

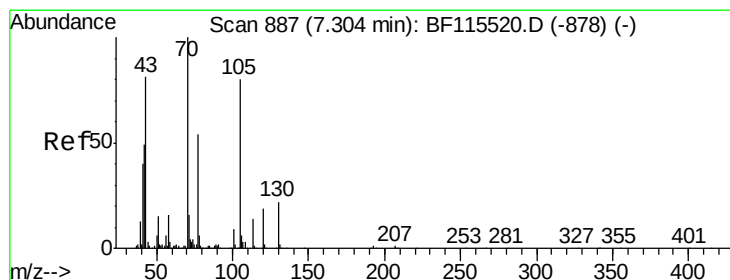
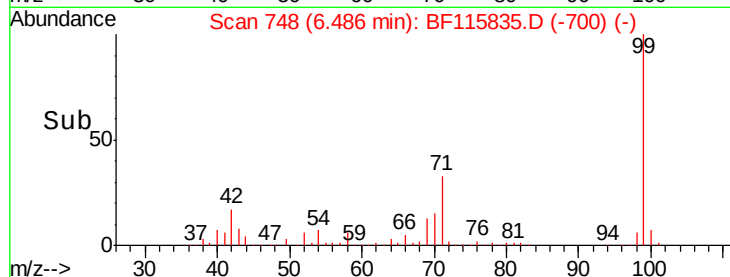
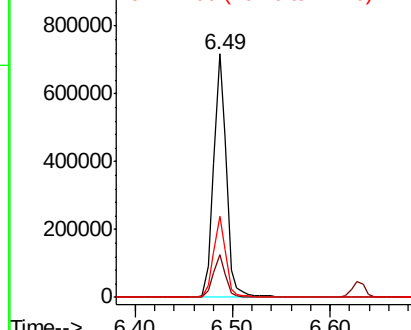
99 100

42 17.3 13.4 20.2

71 33.4 26.7 40.1



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: 15.284 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF115835.D

Acq: 29 Jul 2019 16:41

Tgt Ion: 70 Resp: 101491

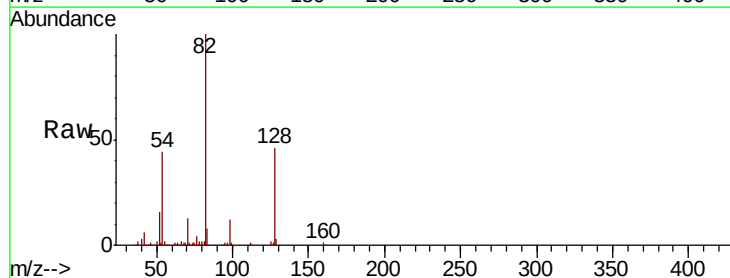
Ion Ratio Lower Upper

70 100

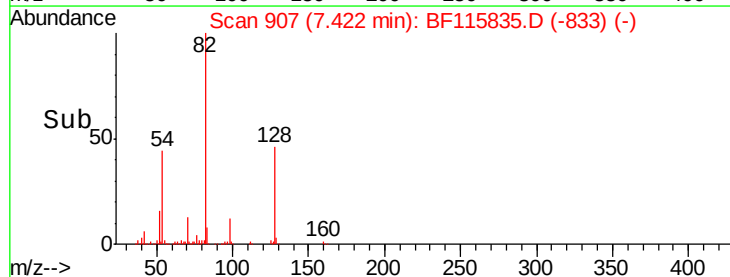
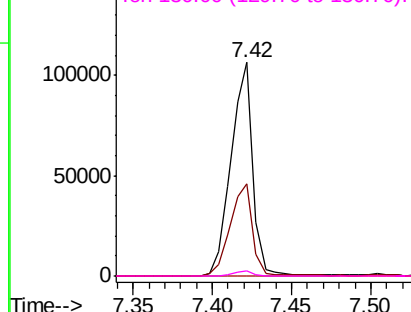
42 43.2 41.8 62.8

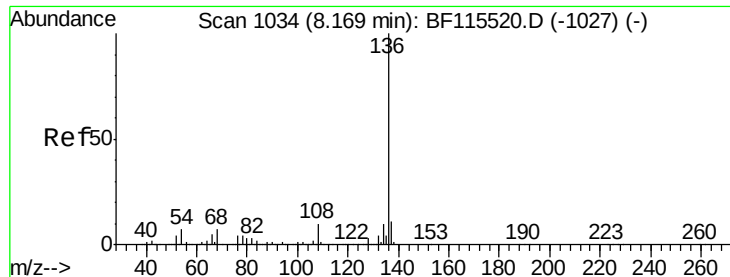
101 0.0 7.6 11.4#

130 2.3 16.9 25.3#



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): E
Ion 130.00 (129.70 to 130.70): E

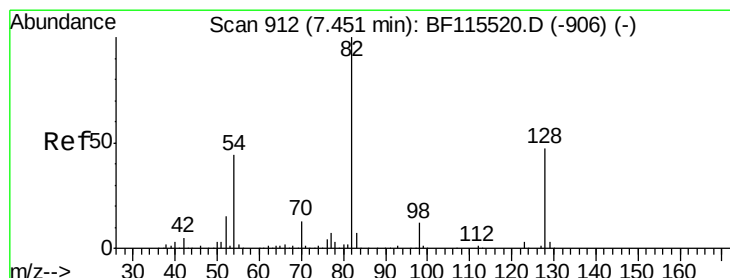
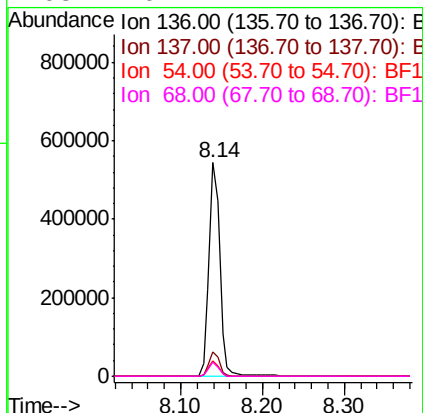
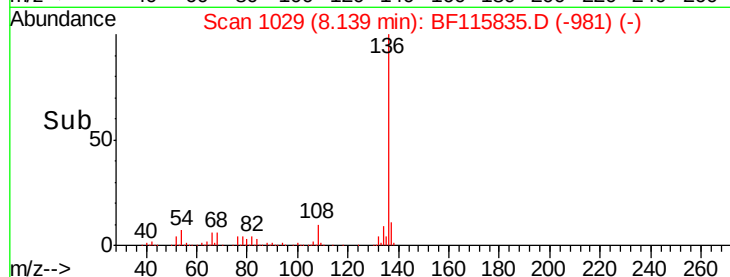
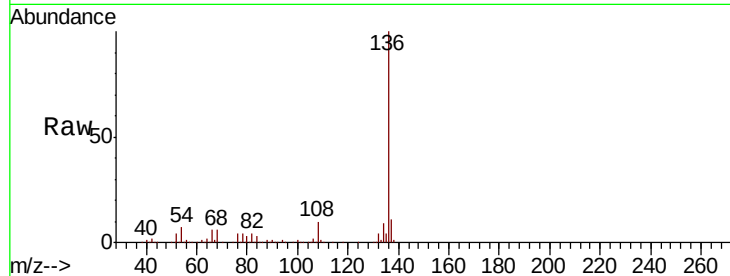




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF115835.D
Acq: 29 Jul 2019 16:41

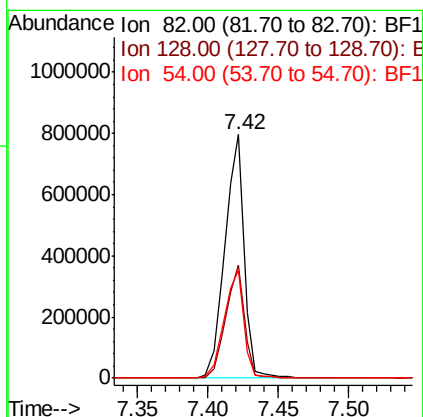
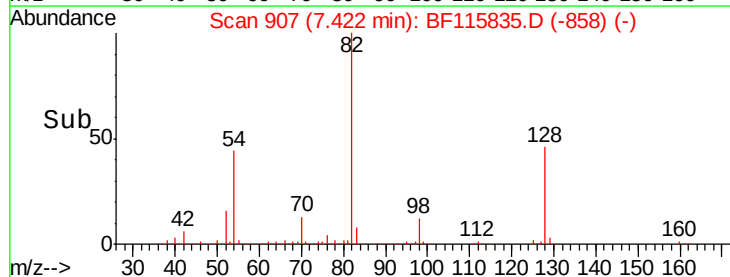
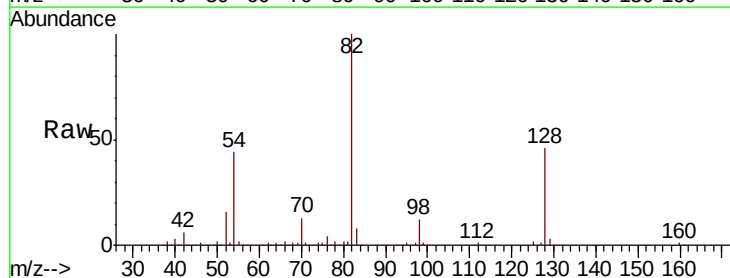
Instrument :
BNA_F
ClientSampleId :

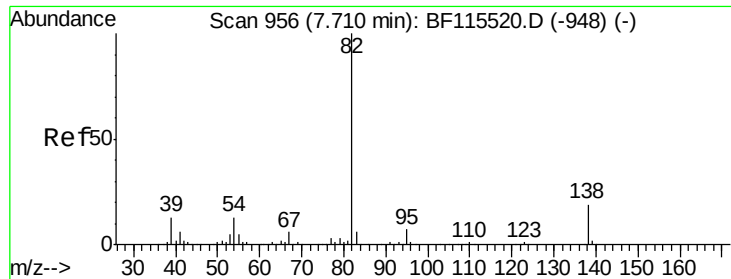
Tot Ion:136	Resp: 505868
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 7.4	5.0 7.6
68 6.4	4.7 7.1



#23
Nitrobenzene-d5
Concen: 86.849 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF115835.D
Acq: 29 Jul 2019 16:41

Tgt Ion: 82	Resp: 755575
Ion Ratio	Lower Upper
82 100	
128 46.3	36.6 55.0
54 44.2	36.6 54.8





#25

Isophorone

Concen: 43.402 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.27 min

Lab File: BF115835.D

Acq: 29 Jul 2019 16:41

Instrument :

BNA_F

ClientSampleId :

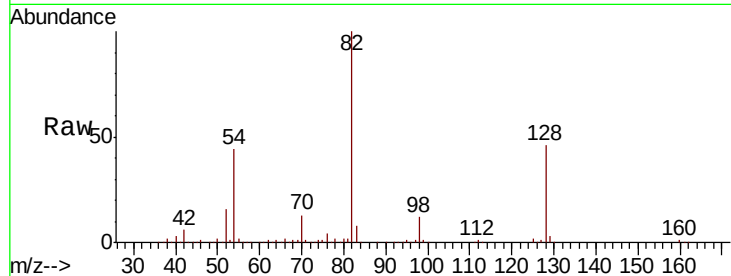
Tot Ion: 82 Resp: 755568

Ion Ratio Lower Upper

82 100

95 0.8 5.6 8.4#

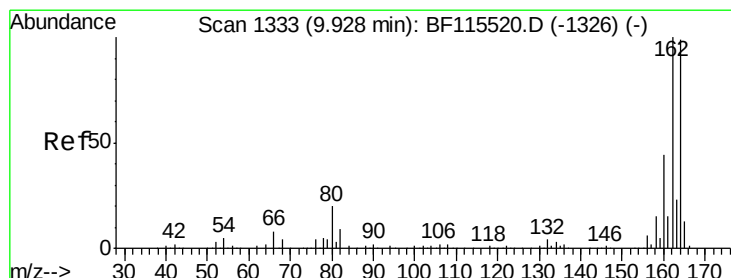
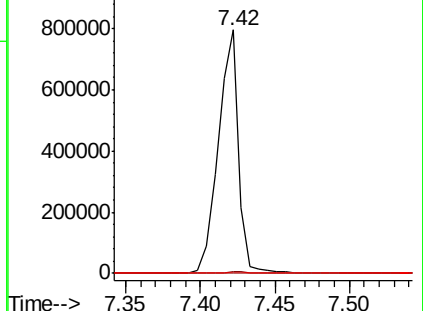
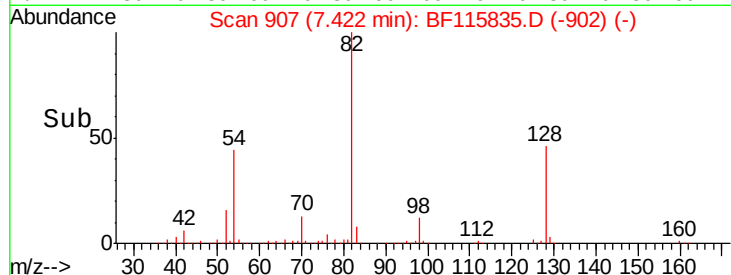
138 0.0 14.2 21.4#



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: 9.89 min Scan# 1327

Delta R.T. -0.02 min

Lab File: BF115835.D

Acq: 29 Jul 2019 16:41

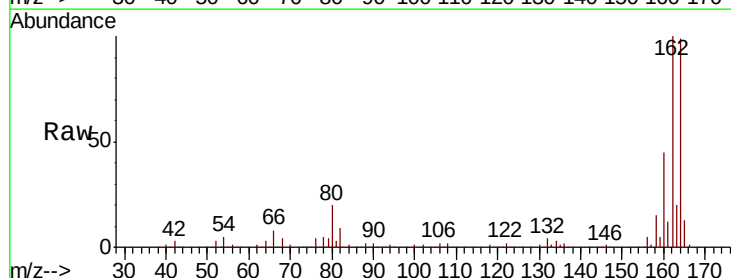
Tgt Ion:164 Resp: 272084

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

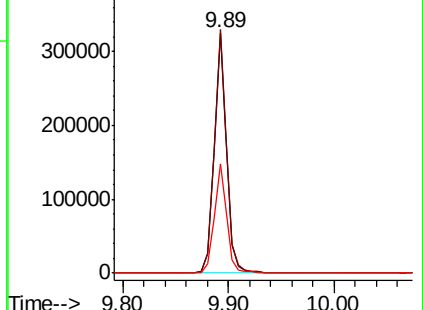
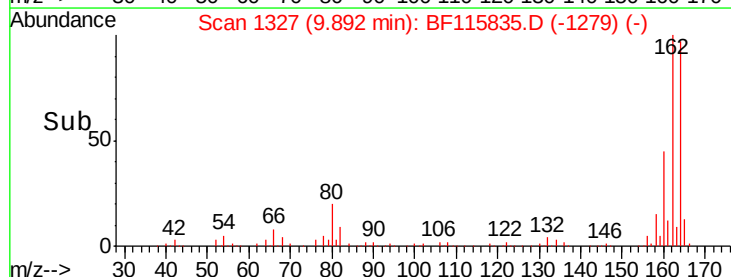
160 45.3 37.5 56.3

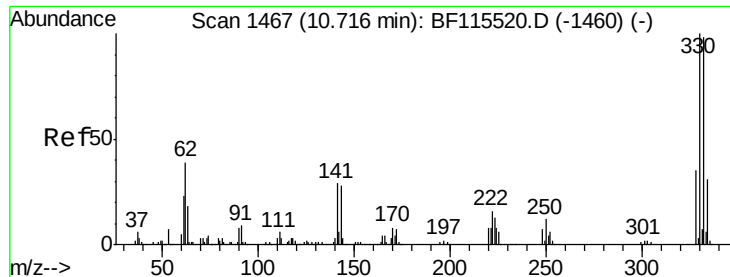


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

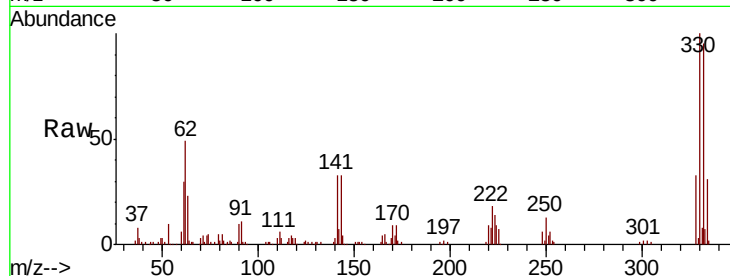




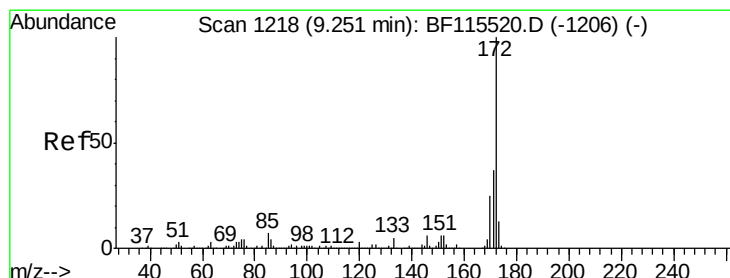
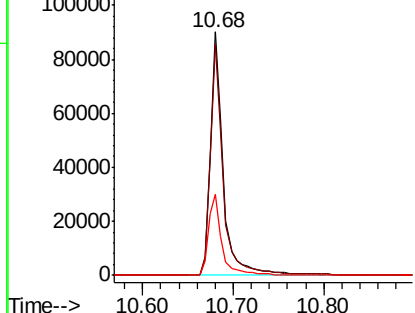
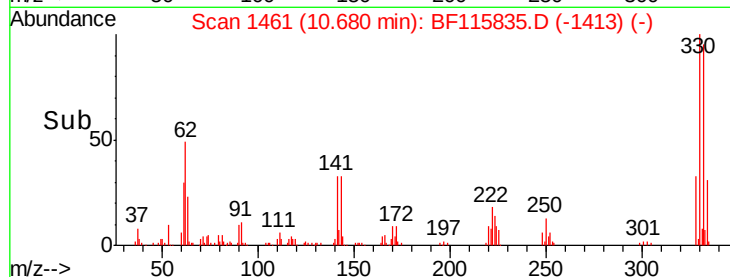
#42
 2,4,6-Tribromophenol
 Concen: 28.479 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 90447
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.1 114.1
 141 34.6 25.9 38.9

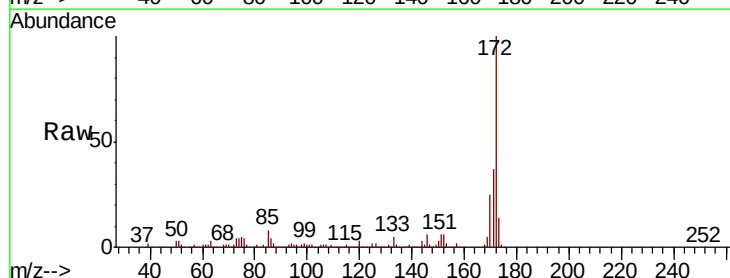


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

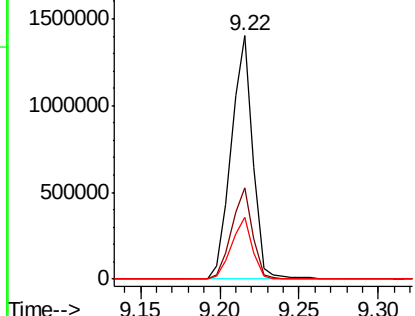
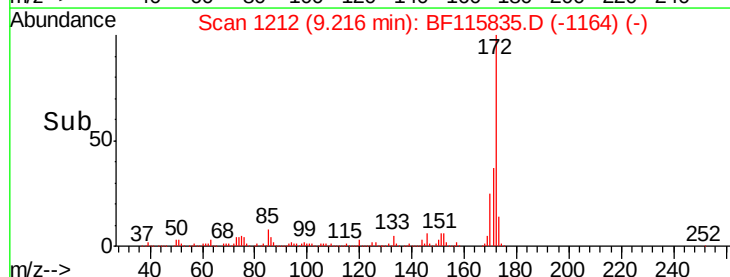


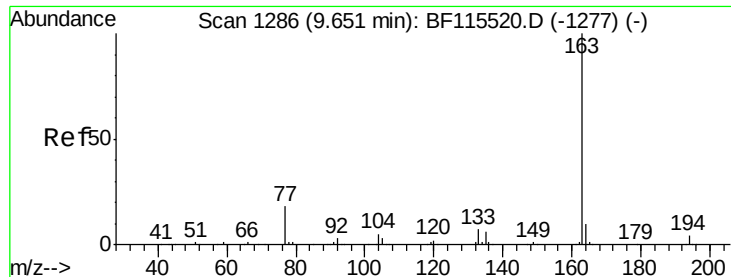
#45
 2-Fluorobiphenyl
 Concen: 85.462 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.02 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 16:41

Tgt Ion:172 Resp: 1328512
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.0 43.4
 170 25.4 20.1 30.1



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: 2.046 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF115835.D

Acq: 29 Jul 2019 16:41

Instrument :

BNA_F

ClientSampleId :

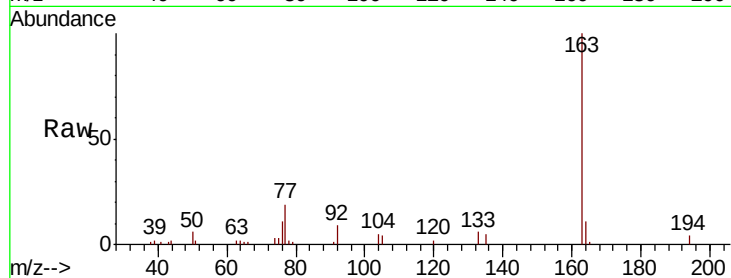
Tot Ion:163 Resp: 41893

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

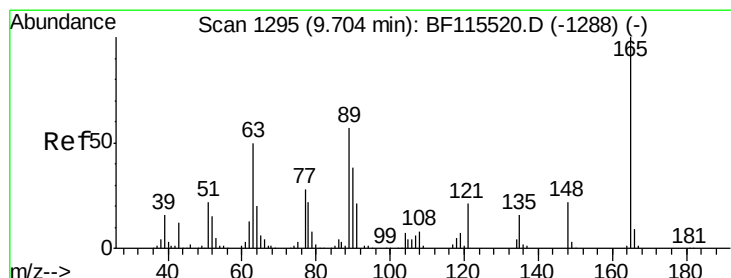
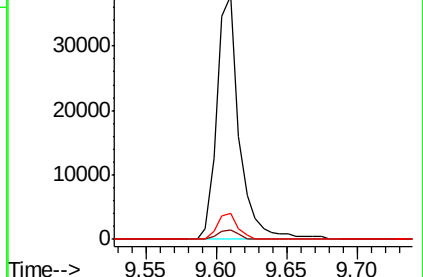
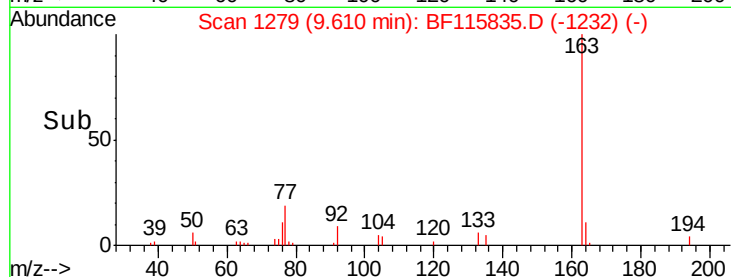
164 10.5 8.3 12.5



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: 7.467 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.20 min

Lab File: BF115835.D

Acq: 29 Jul 2019 16:41

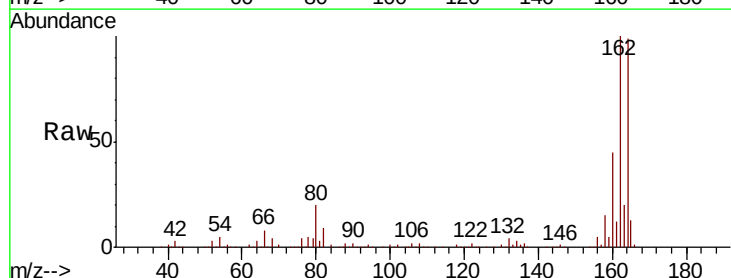
Tgt Ion:165 Resp: 34738

Ion Ratio Lower Upper

165 100

63 1.1 43.5 65.3#

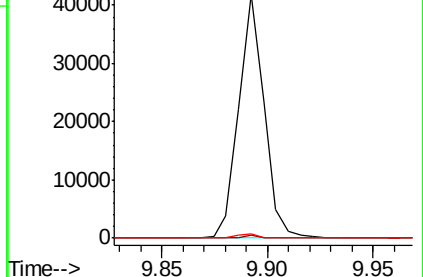
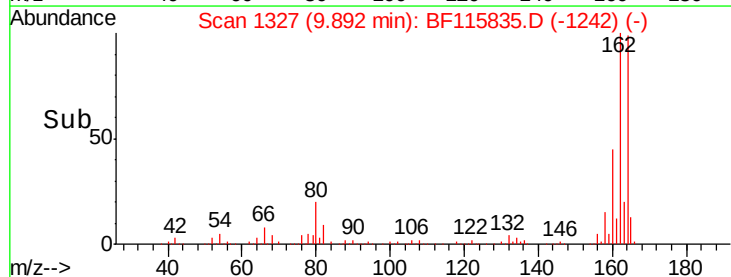
89 1.5 46.3 69.5#

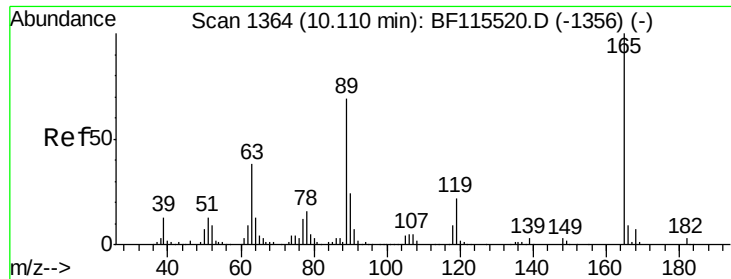


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

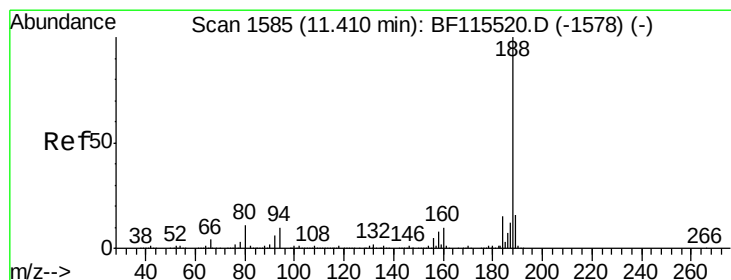
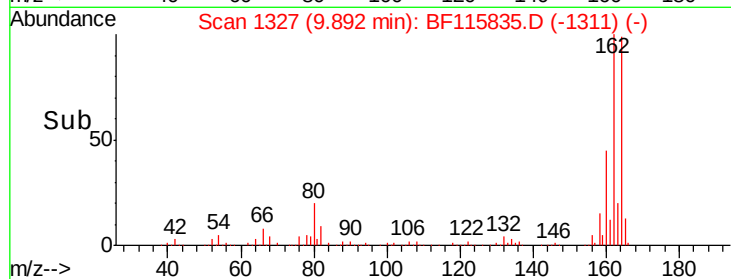
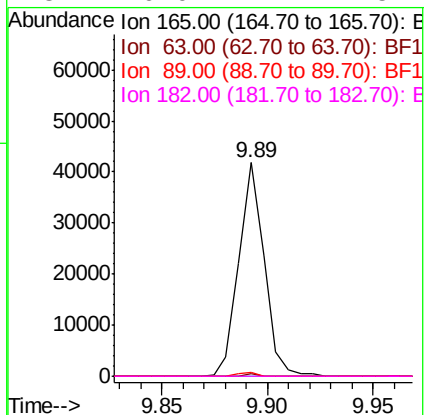
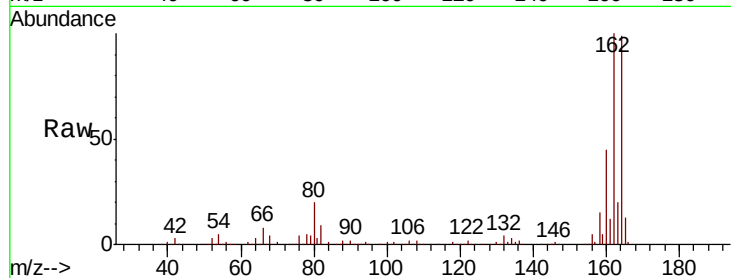




#57
 2,4-Dinitrotoluene
 Concen: 5.764 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.21 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 16:41

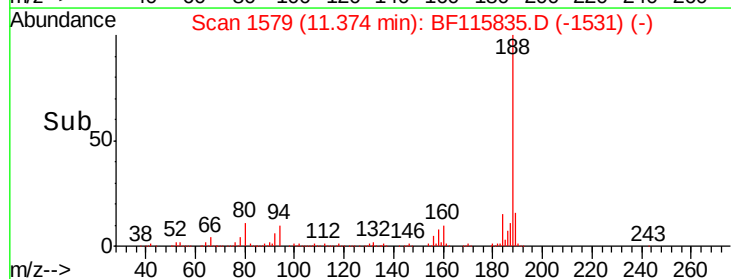
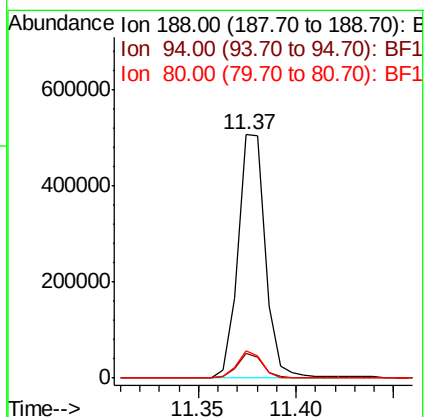
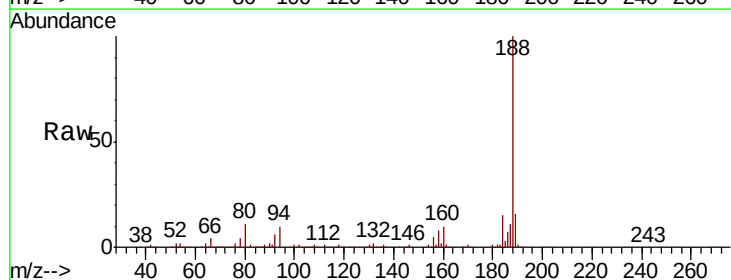
Instrument :
 BNA_F
 ClientSampleId :

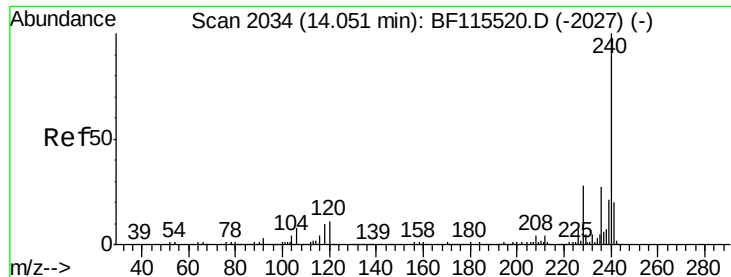
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.2#
89	1.5	57.3	85.9#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 16:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	11.3	9.0	13.6

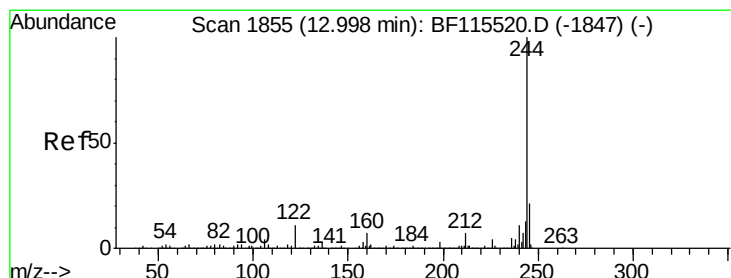
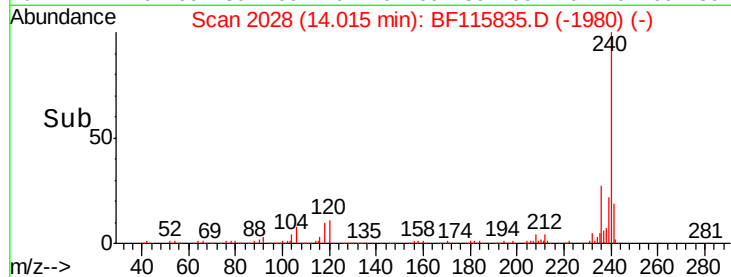
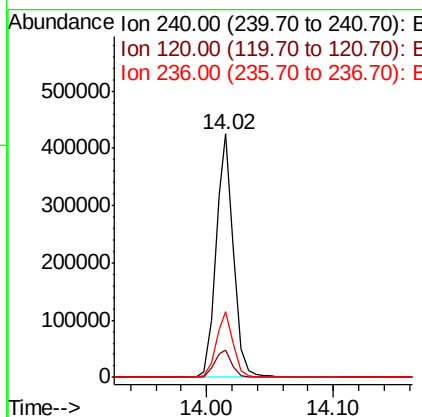
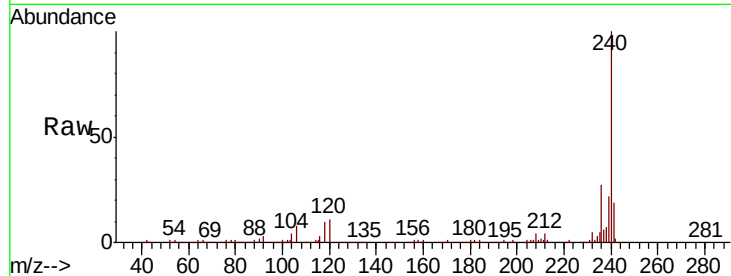




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 16:41

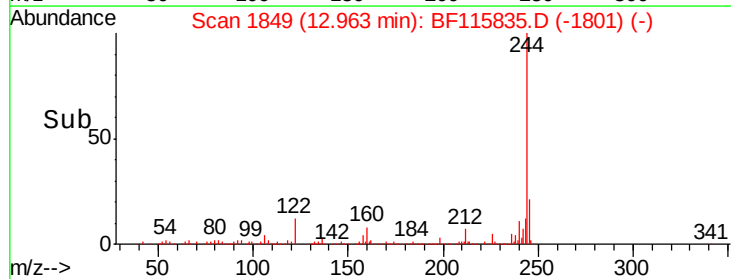
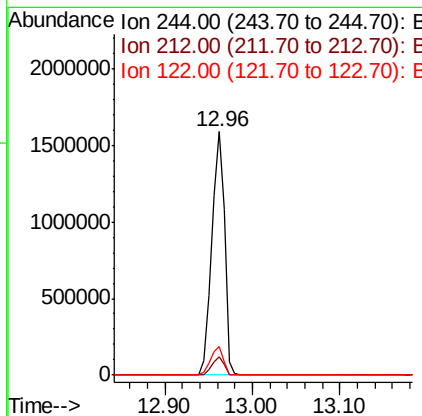
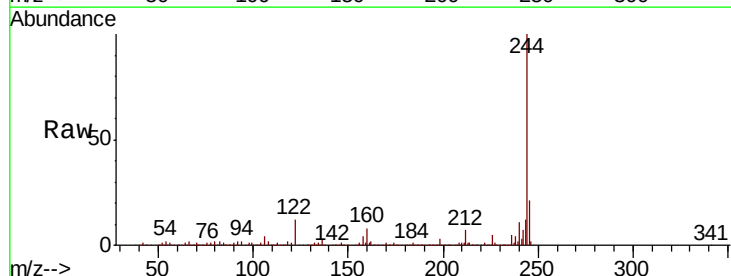
Instrument :
 BNA_F
 ClientSampled :

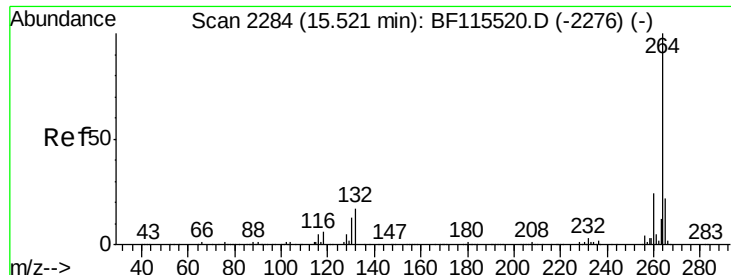
Tot Ion:240 Resp: 408893
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.0 15.0
 236 27.2 21.8 32.6



#79
 Terphenyl-d14
 Concen: 73.093 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.02 min
 Lab File: BF115835.D
 Acq: 29 Jul 2019 16:41

Tgt Ion:244 Resp: 1619750
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.7 8.2 12.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF115835.D
Acq: 29 Jul 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	21.5	17.5	26.3

