

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115900.D
 Acq On : 1 Aug 2019 11:52
 Operator : HP/JU
 Sample : K3621-07RE 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 13:44:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

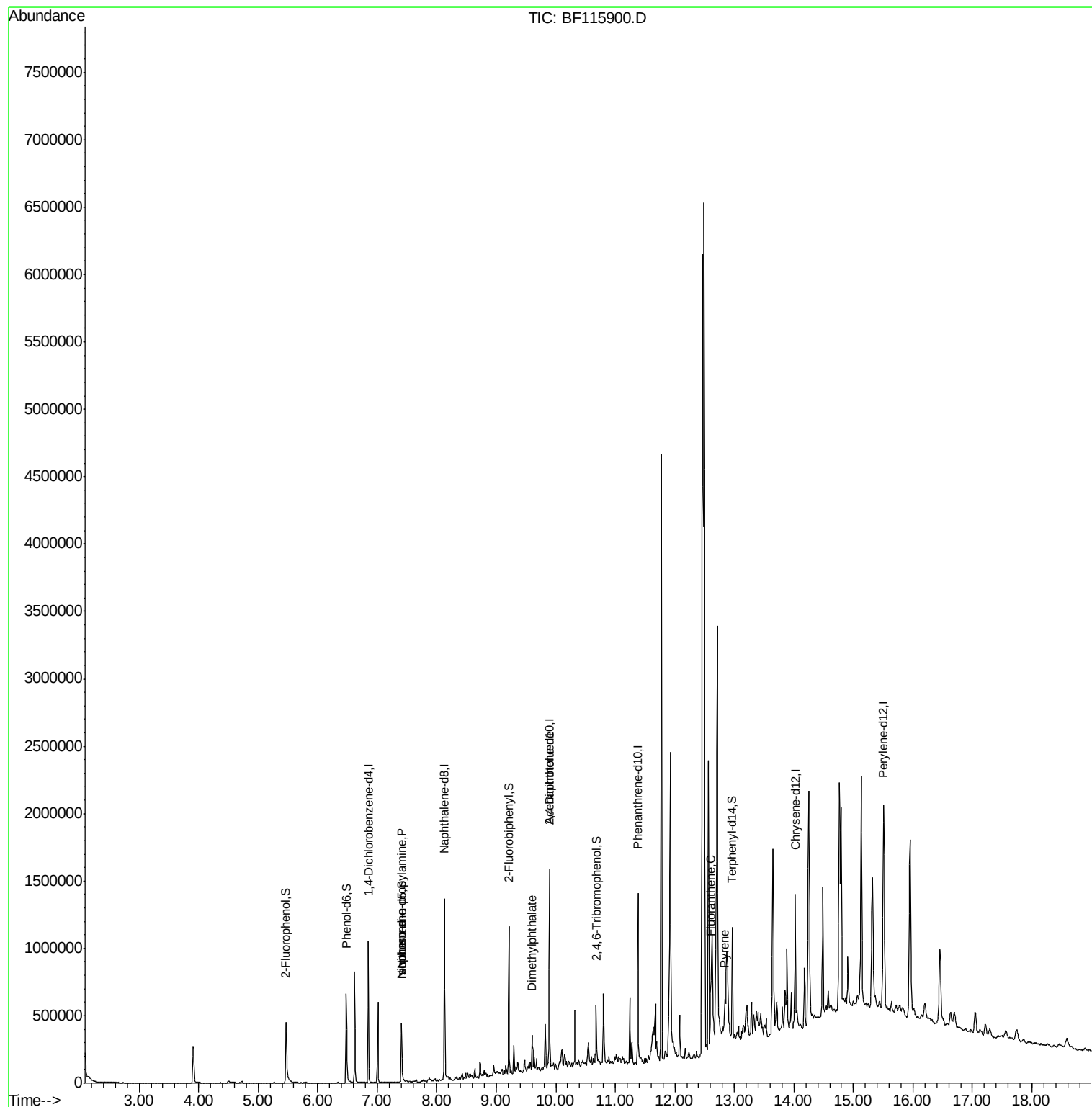
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142442	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	559761	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	285084	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	425081	20.00	ng	0.00
76) Chrysene-d12	14.02	240	323862	20.00	ng	0.00
87) Perylene-d12	15.50	264	338080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	180443	21.21	ng	0.00
7) Phenol-d6	6.48	99	244414	22.77	ng	0.00
23) Nitrobenzene-d5	7.41	82	146815	15.14	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	53862	19.49	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	301519	19.81	ng	0.00
79) Terphenyl-d14	12.96	244	274960	17.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	20981	3.154	ng	# 82
25) Isophorone	7.41	82	146838	7.919	ng	# 66
50) Dimethylphthalate	9.60	163	73407	3.782	ng	98
57) 2,4-Dinitrotoluene	9.89	165	39912	7.106	ng	# 25
75) Fluoranthene	12.60	202	50432	2.217	ng	97
78) Pyrene	12.83	202	52678	2.158	ng	97

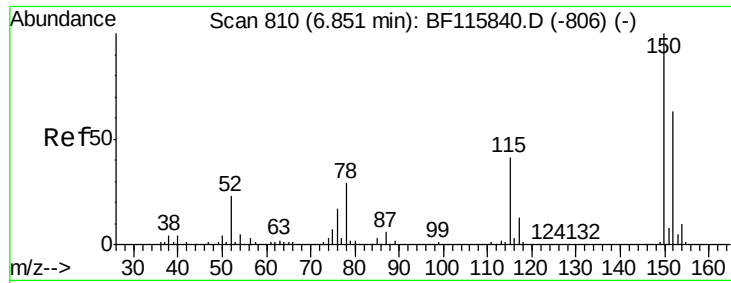
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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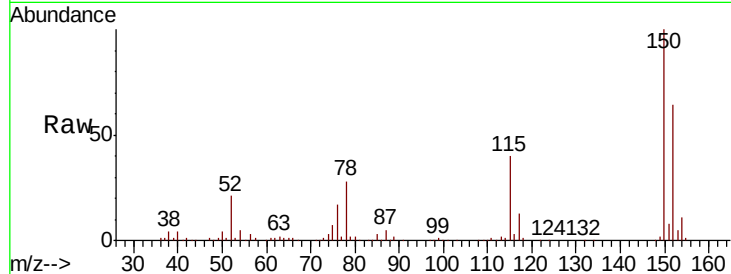


#1

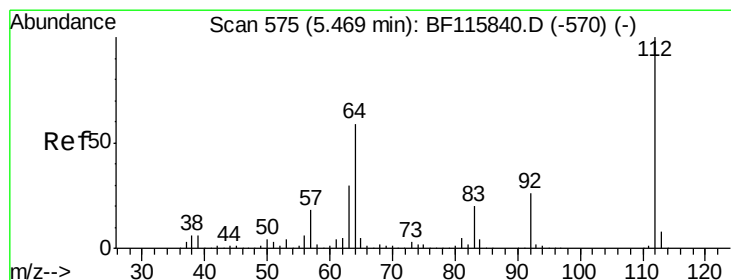
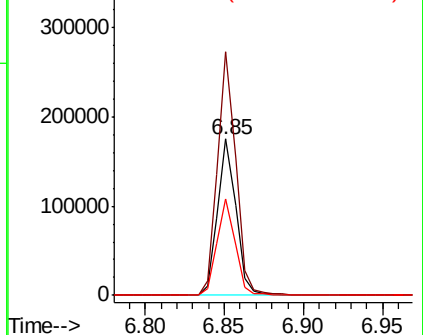
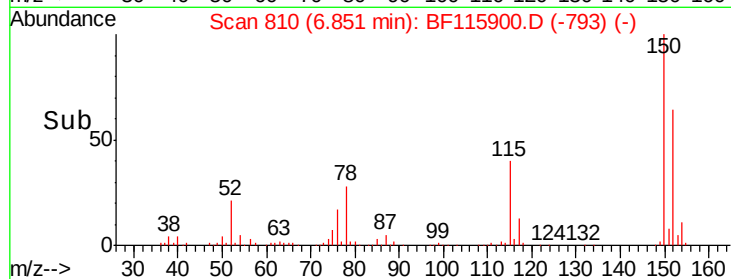
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142442
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.0
115 62.0 51.8 77.8



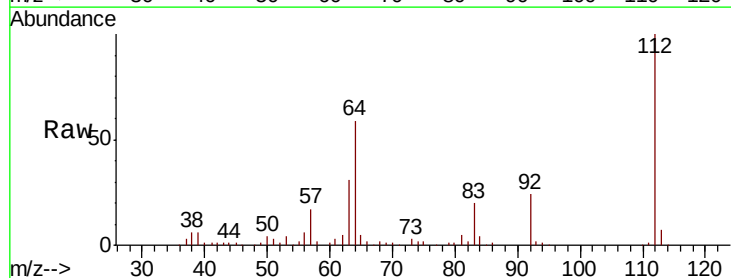
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



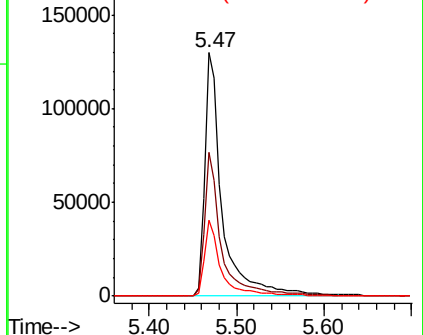
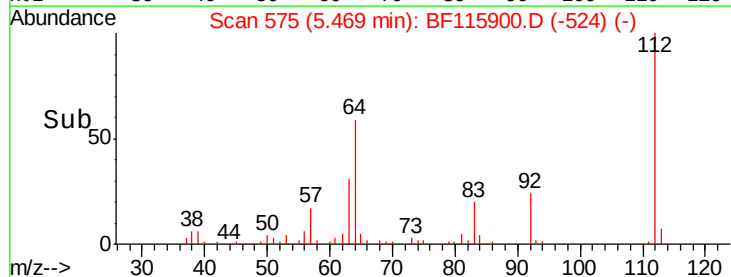
#5

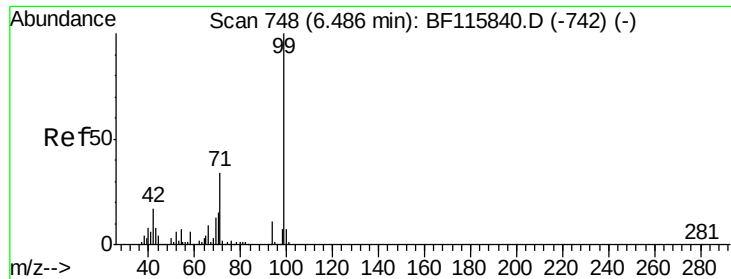
2-Fluorophenol
Concen: 21.207 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Tgt Ion:112 Resp: 180443
Ion Ratio Lower Upper
112 100
64 59.1 46.8 70.2
63 31.1 24.2 36.2



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: 22.767 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

Instrument :

BNA_F

ClientSampleId :

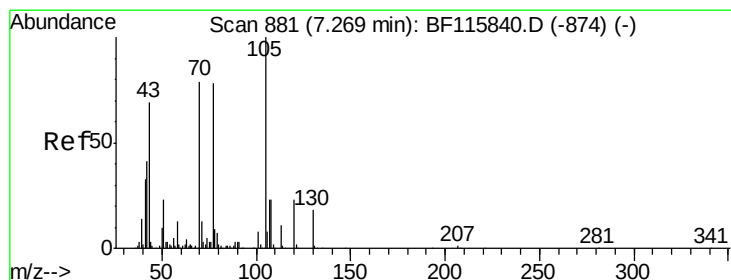
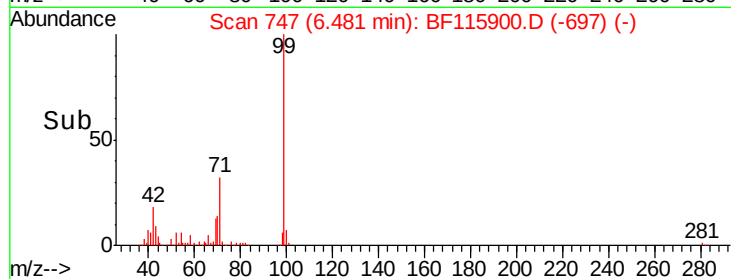
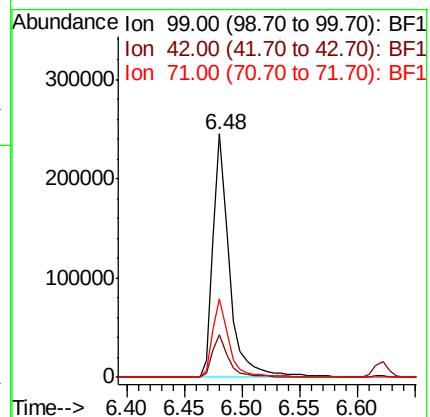
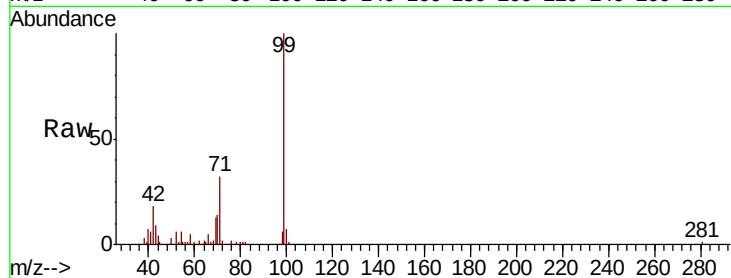
Tot Ion: 99 Resp: 244414

Ion Ratio Lower Upper

99 100

42 17.6 13.8 20.6

71 32.5 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 3.154 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

Tgt Ion: 70 Resp: 20981

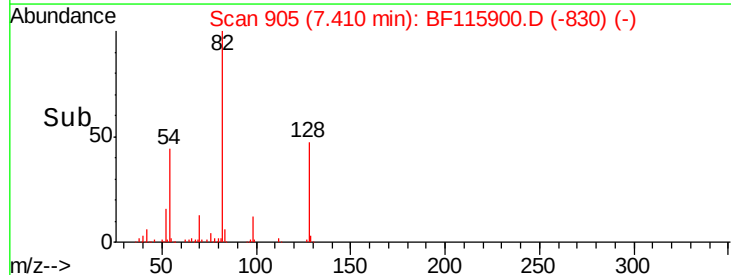
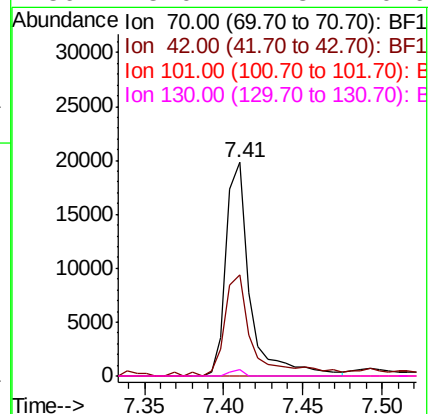
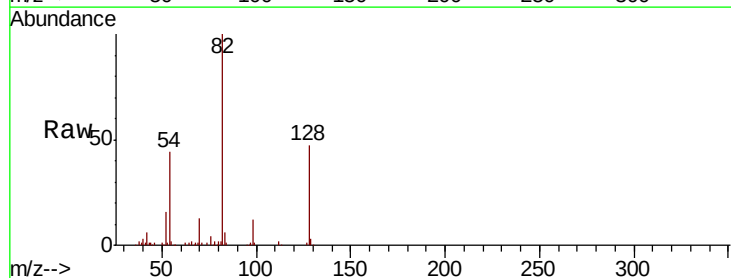
Ion Ratio Lower Upper

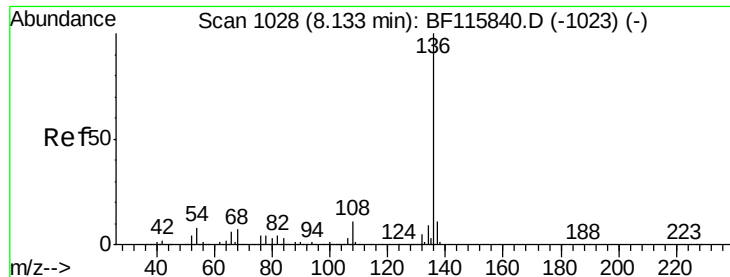
70 100

42 47.2 41.8 62.8

101 0.0 7.7 11.5#

130 3.0 17.8 26.6#

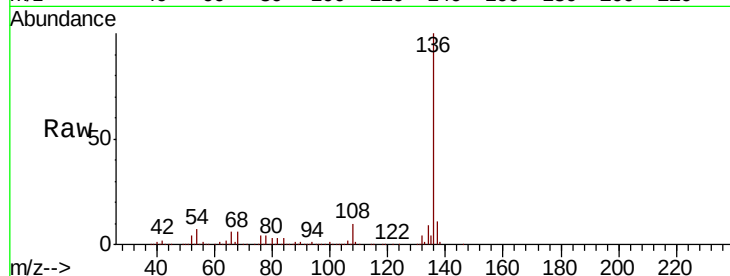




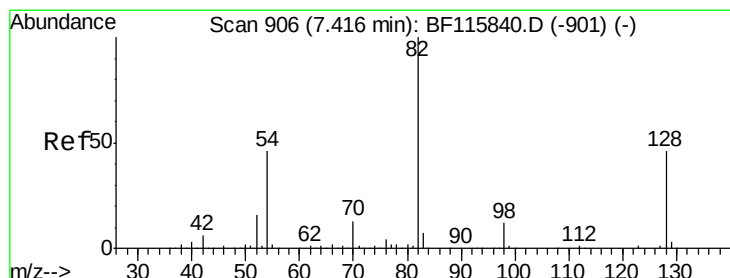
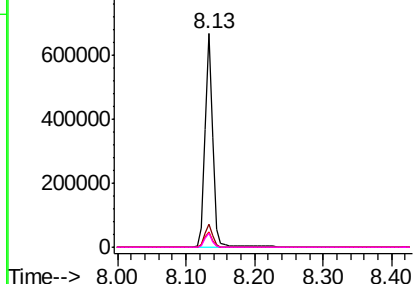
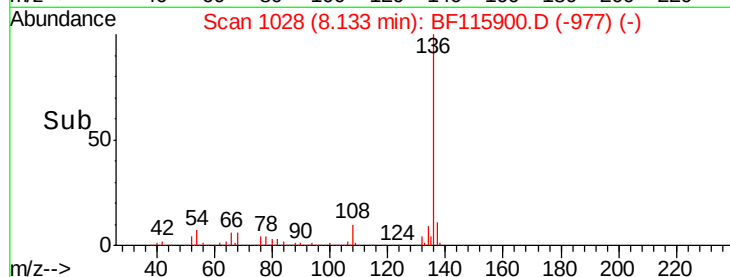
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	559761
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.1 13.7
54	7.2	6.1 9.1
68	6.4	5.4 8.2

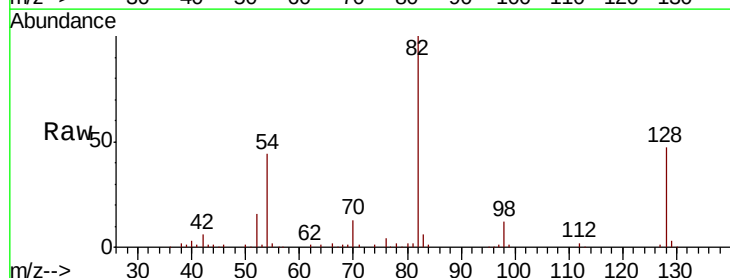


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

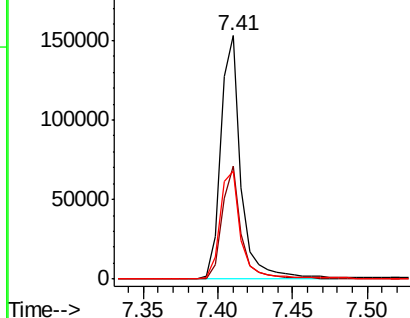
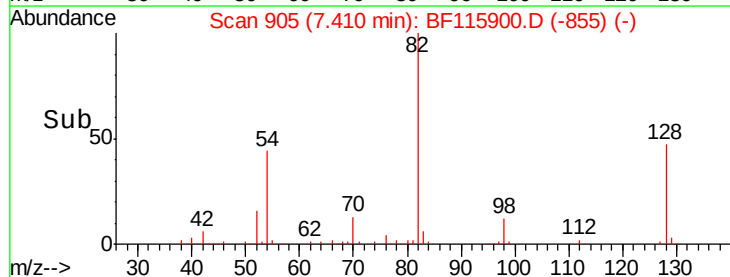


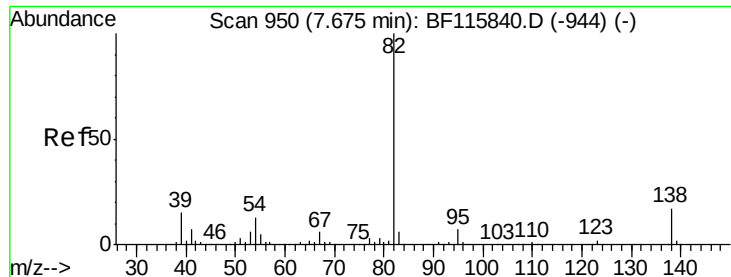
#23
Nitrobenzene-d5
Concen: 15.140 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Tgt Ion: 82	Resp:	146815
Ion	Ratio	Lower Upper
82	100	
128	46.6	36.6 55.0
54	44.4	36.6 55.0



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: 7.919 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

Instrument :

BNA_F

ClientSampleId :

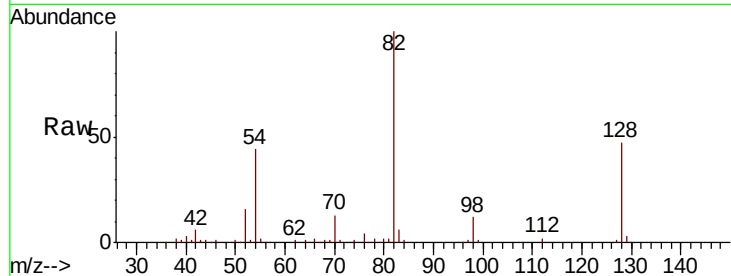
Tot Ion: 82 Resp: 146838

Ion Ratio Lower Upper

82 100

95 0.2 5.5 8.3#

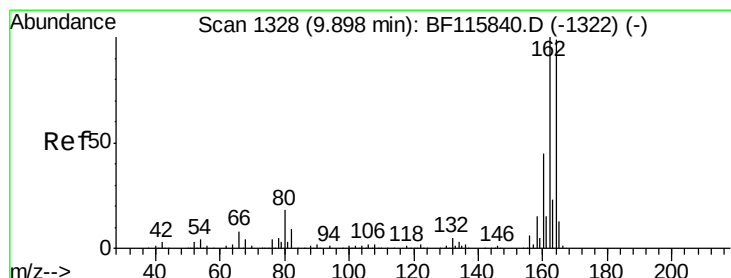
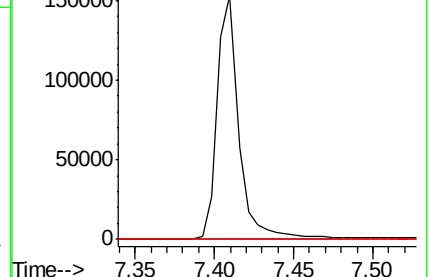
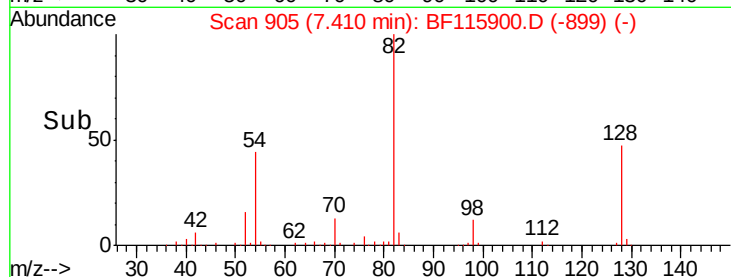
138 0.0 13.9 20.9#



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. -0.01 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

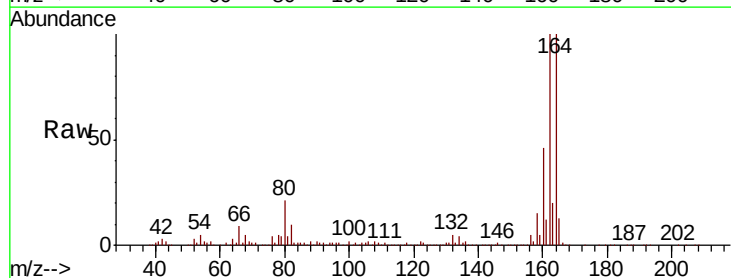
Tgt Ion:164 Resp: 285084

Ion Ratio Lower Upper

164 100

162 99.9 80.8 121.2

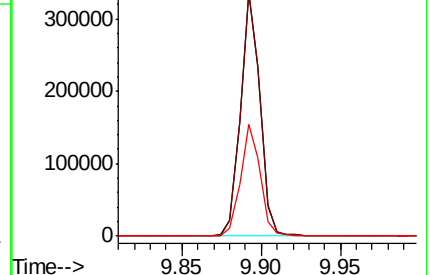
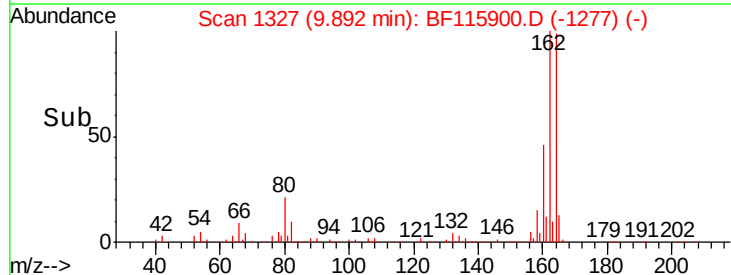
160 45.7 36.2 54.4

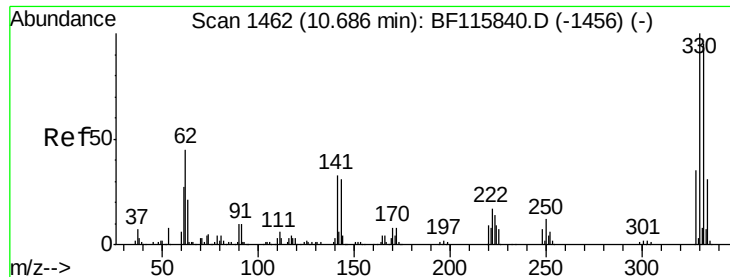


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

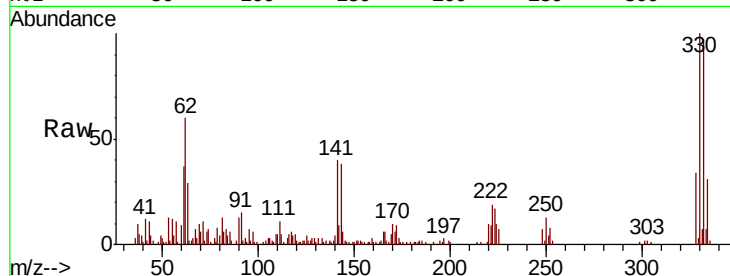




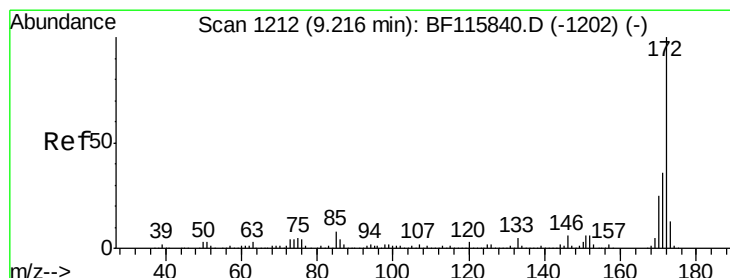
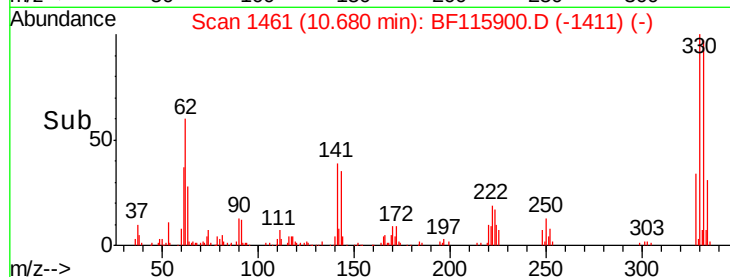
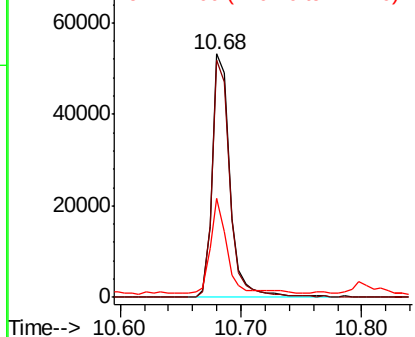
#42
 2,4,6-Tribromophenol
 Concen: 19.487 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115900.D
 Acq: 1 Aug 2019 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 53862
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.7 116.5
 141 36.1 28.1 42.1

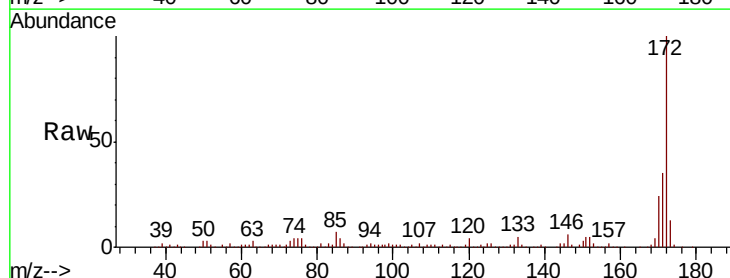


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

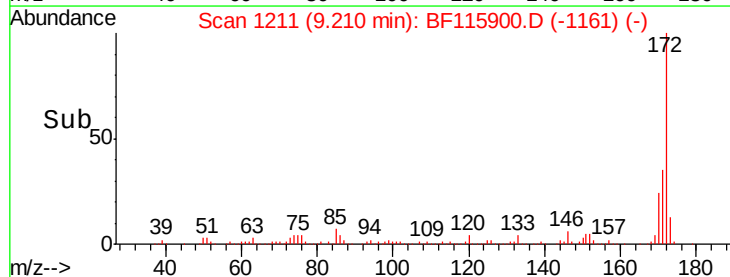
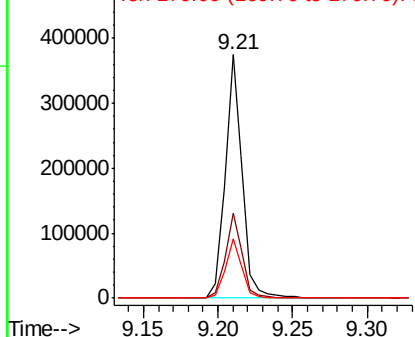


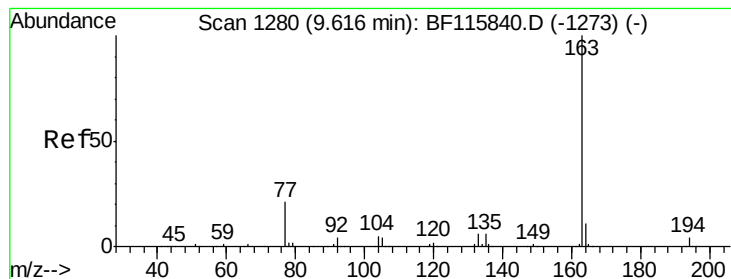
#45
 2-Fluorobiphenyl
 Concen: 19.811 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF115900.D
 Acq: 1 Aug 2019 11:52

Tgt Ion:172 Resp: 301519
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.1 43.7
 170 24.3 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: 3.782 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

Instrument :

BNA_F

ClientSampled :

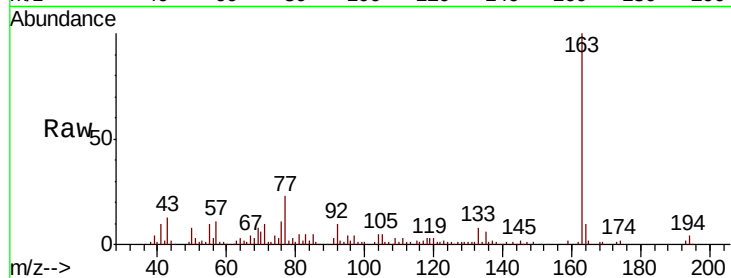
Tot Ion:163 Resp: 73407

Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.6

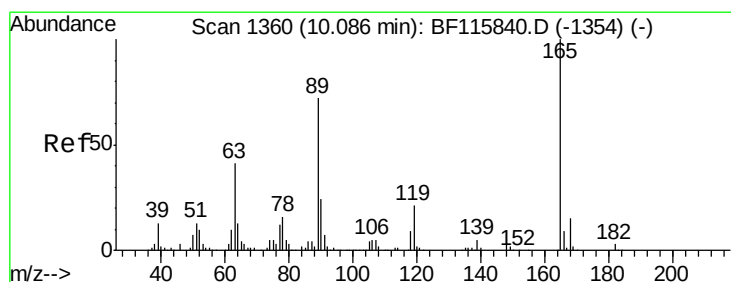
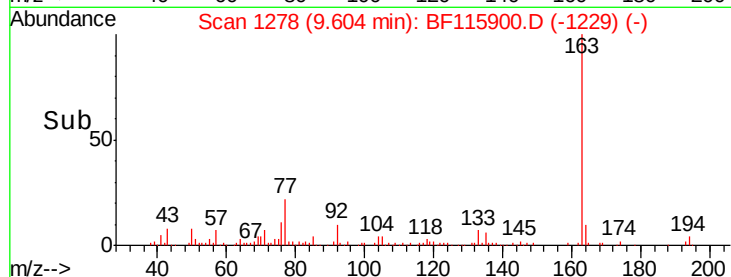
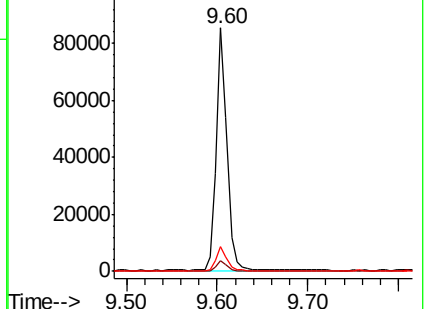
164 10.0 8.4 12.6



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: 7.106 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

Tgt Ion:165 Resp: 39912

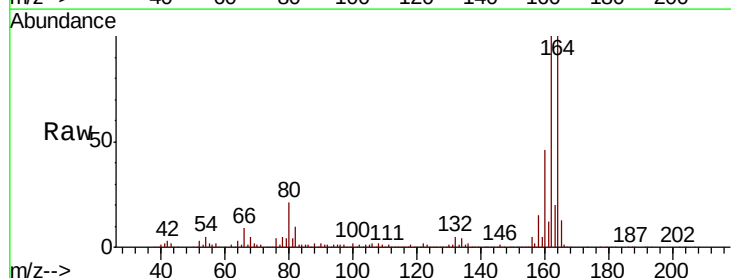
Ion Ratio Lower Upper

165 100

63 1.5 33.2 49.8#

89 1.7 57.3 85.9#

182 1.3 2.1 3.1#

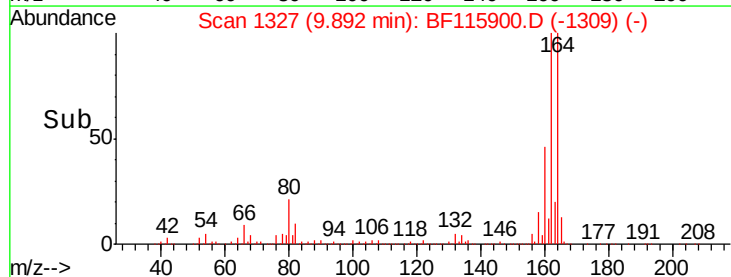
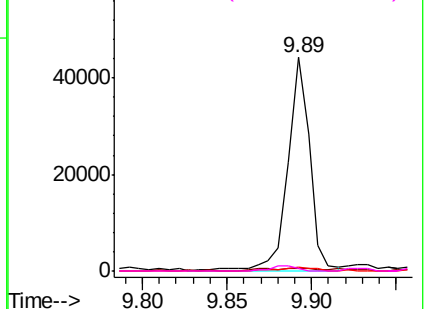


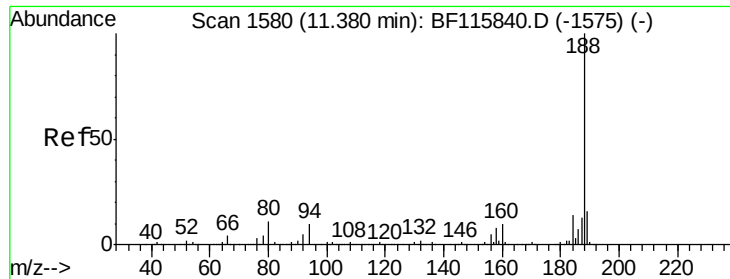
Abundance Ion 165.00 (164.70 to 165.70): E

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

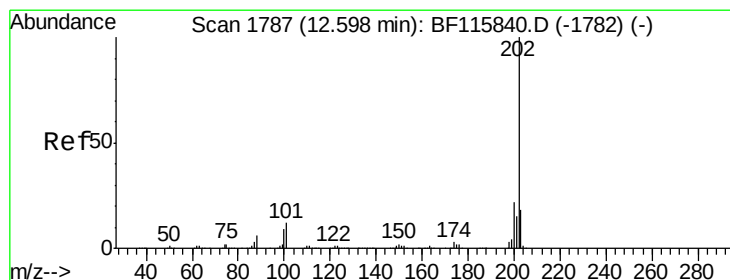
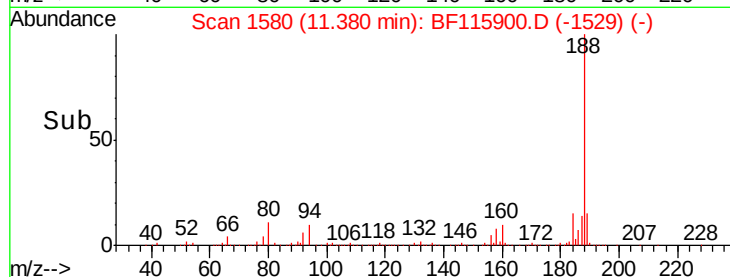
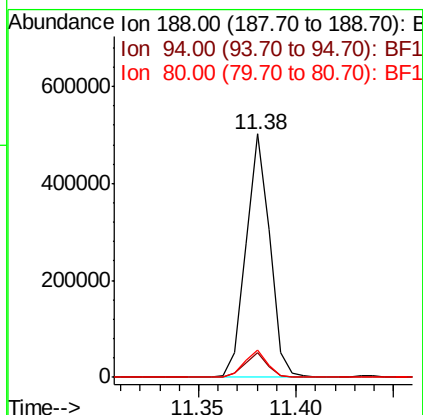
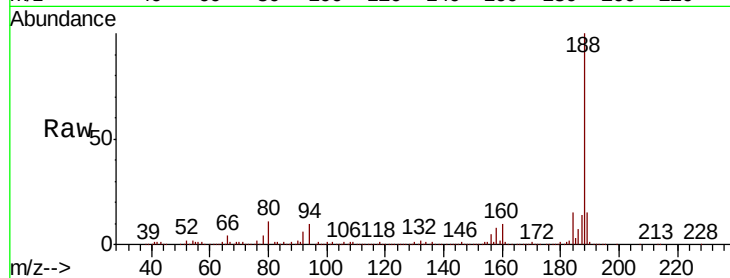




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

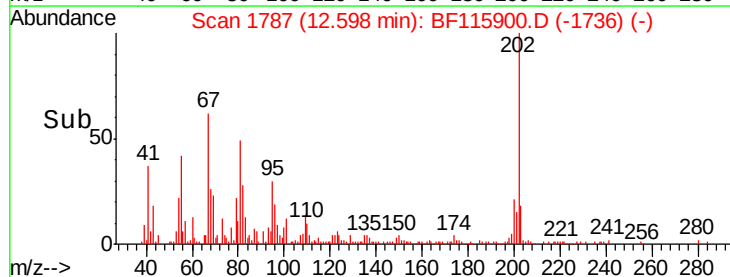
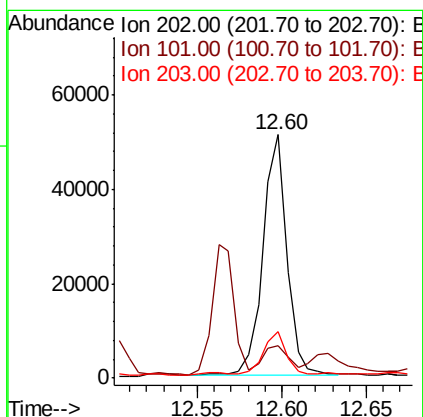
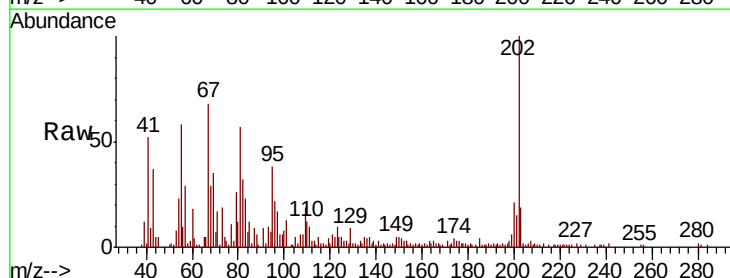
Instrument :
BNA_F
ClientSampleId :

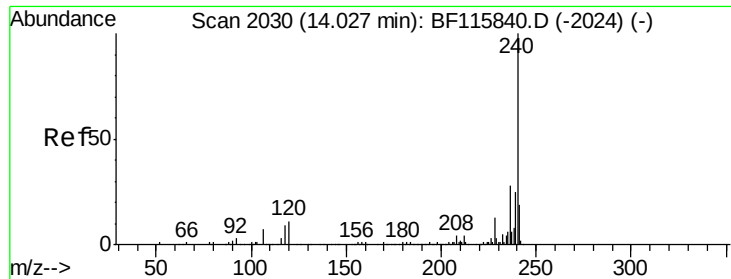
Tot Ion:188 Resp: 425081
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 11.0 8.6 12.8



#75
Fluoranthene
Concen: 2.217 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Tgt Ion:202 Resp: 50432
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.5
203 18.8 0.0 37.9

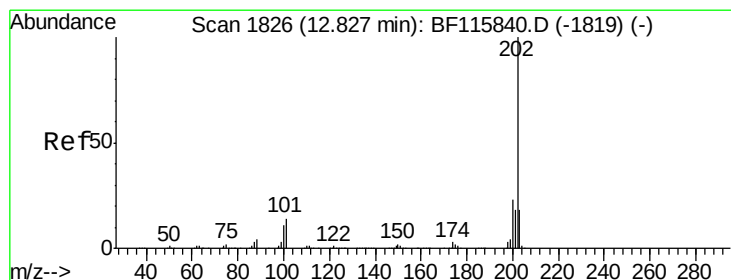
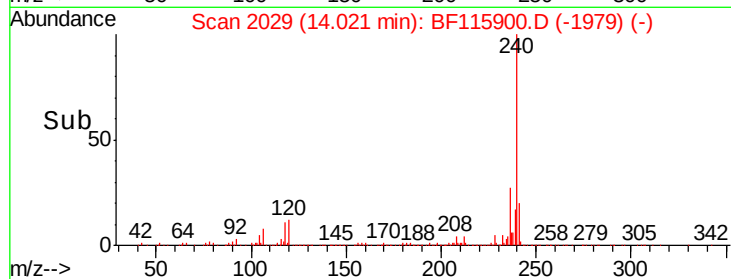
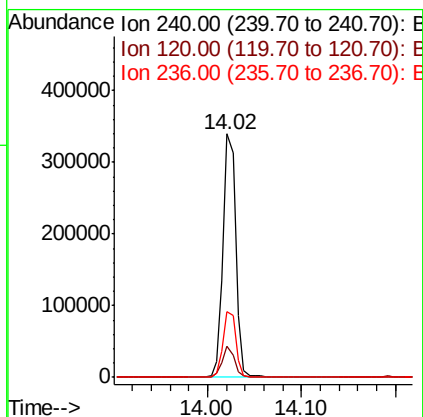
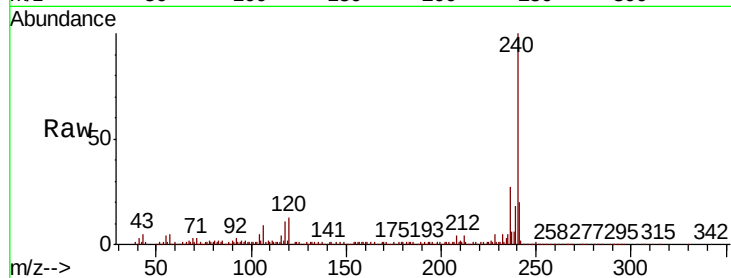




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

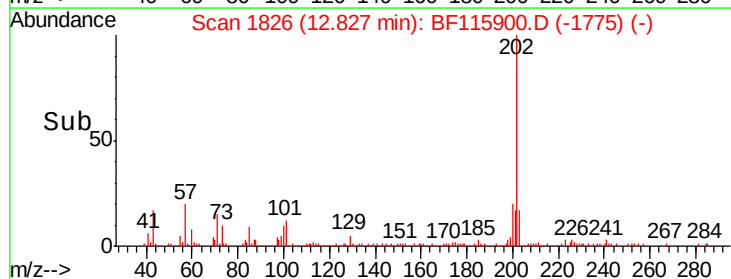
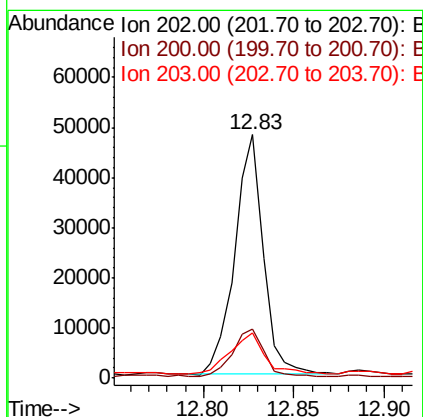
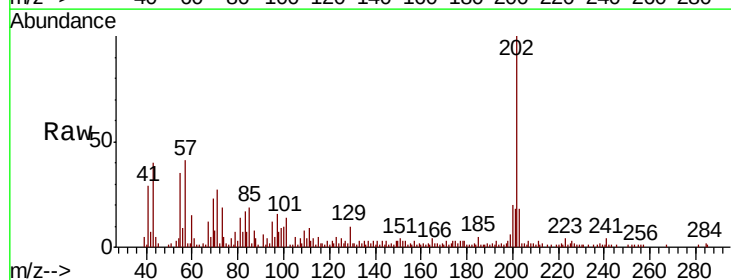
Instrument :
BNA_F
ClientSampled :

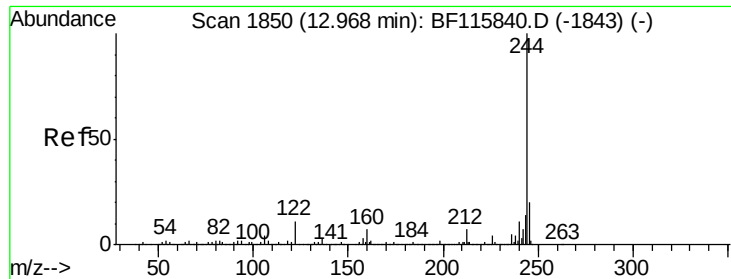
Tot Ion:240 Resp: 323862
Ion Ratio Lower Upper
240 100
120 12.6 8.5 12.7
236 26.8 22.2 33.2



#78
Pyrene
Concen: 2.158 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF115900.D
Acq: 1 Aug 2019 11:52

Tgt Ion:202 Resp: 52678
Ion Ratio Lower Upper
202 100
200 20.3 18.2 27.2
203 18.4 14.3 21.5





#79

Terphenyl-d14

Concen: 17.890 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

Instrument :

BNA_F

ClientSampleId :

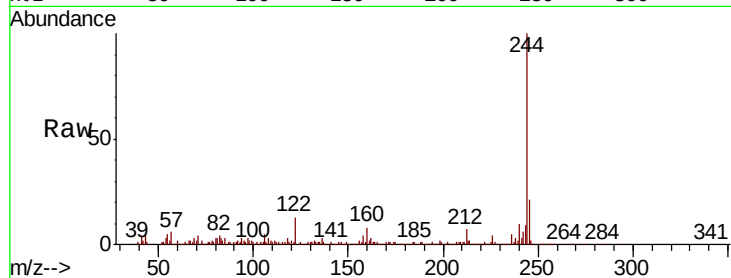
Tot Ion:244 Resp: 274960

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 12.8 8.6 13.0



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

300000

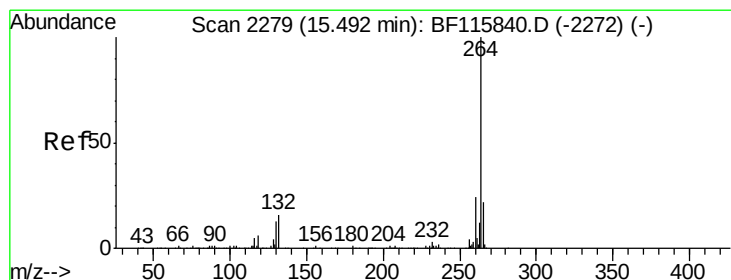
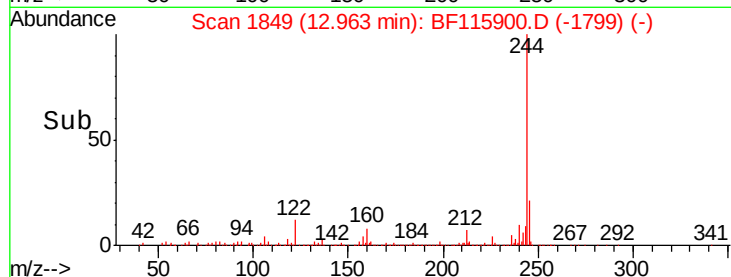
200000

100000

0

12.96

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115900.D

Acq: 1 Aug 2019 11:52

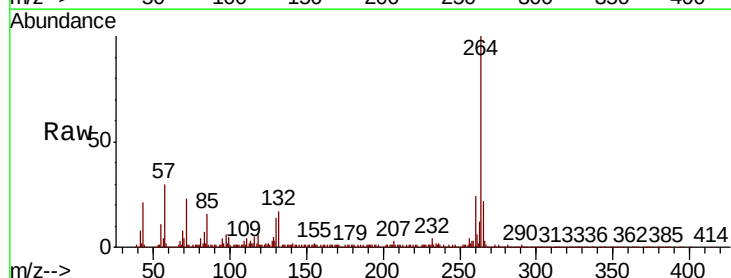
Tgt Ion:264 Resp: 338080

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.9 17.5 26.3



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

300000

200000

100000

0

15.50

Time-->

