

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115918.D
 Acq On : 1 Aug 2019 20:36
 Operator : HP/JU
 Sample : K4074-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-11_072919

Quant Time: Aug 02 05:01:43 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

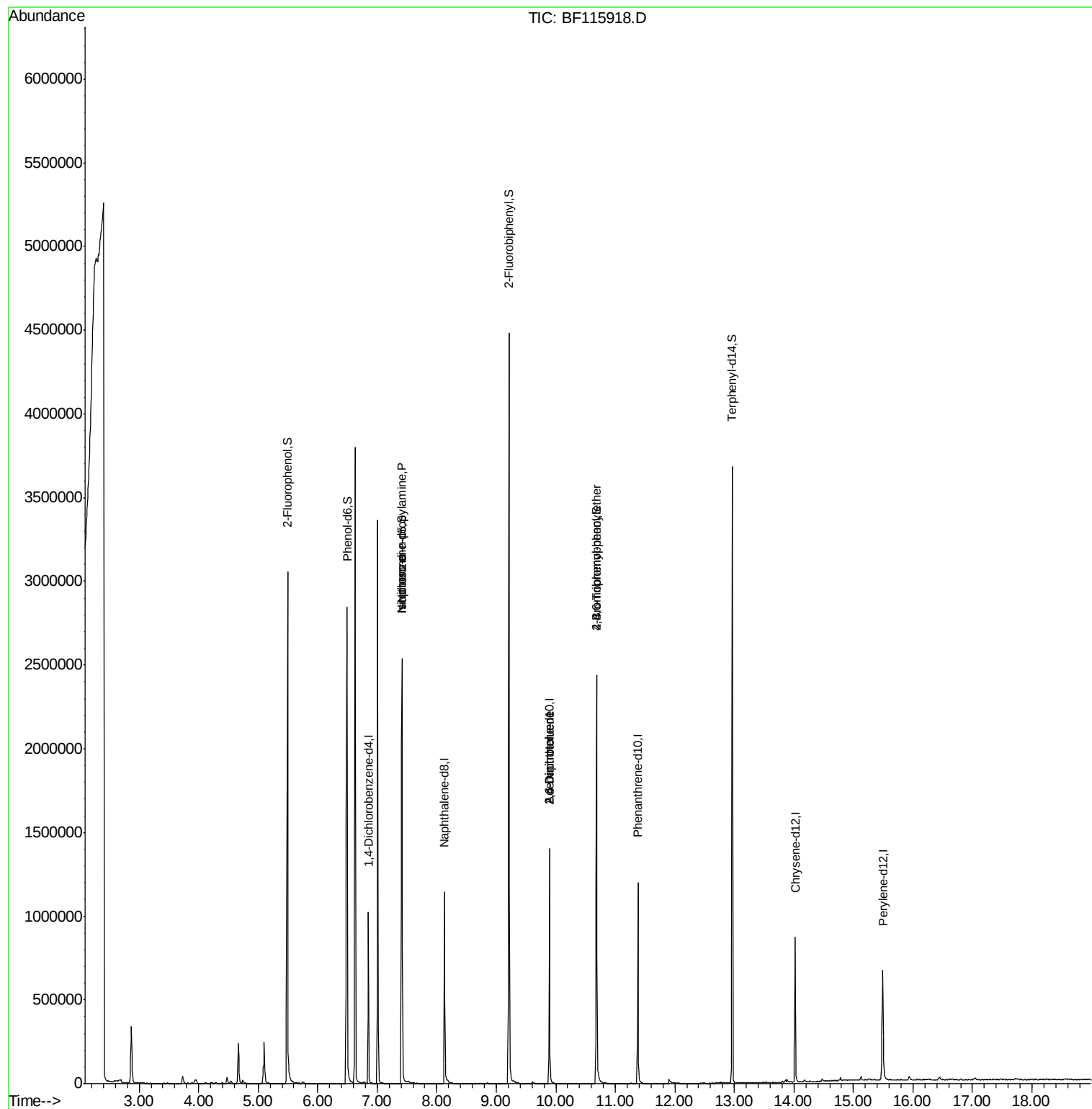
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142265	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	541289	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	279874	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	453333	20.00	ng	0.00
76) Chrysene-d12	14.02	240	293307	20.00	ng	0.00
87) Perylene-d12	15.49	264	353034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	972592	114.45	ng	0.02
7) Phenol-d6	6.49	99	1142036	106.51	ng	0.00
23) Nitrobenzene-d5	7.42	82	887035	94.59	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	358439	132.10	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1501280	100.47	ng	0.00
79) Terphenyl-d14	12.96	244	1390097	99.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	120402	18.122	ng	# 76
25) Isophorone	7.42	82	887023	49.469	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	34817	8.407	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	34817	6.315	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	21895	4.512	ng	# 1

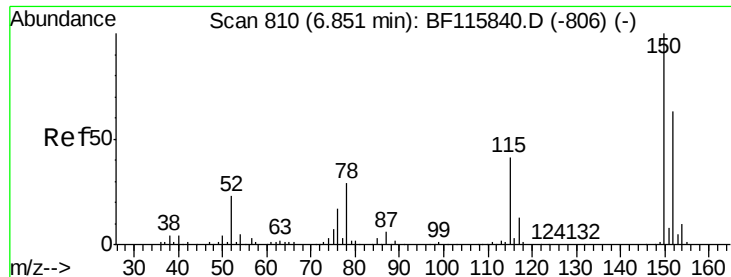
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 31 15:31:51 2019
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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: BF115918.D

Acq: 1 Aug 2019 20:36

Instrument :

BNA_F

ClientSampleId :

SS-11_072919

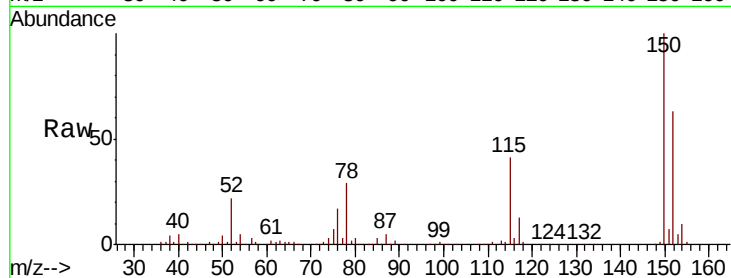
Tgt Ion:152 Resp: 142265

Ion Ratio Lower Upper

152 100

150 158.0 127.4 191.0

115 64.7 51.8 77.8

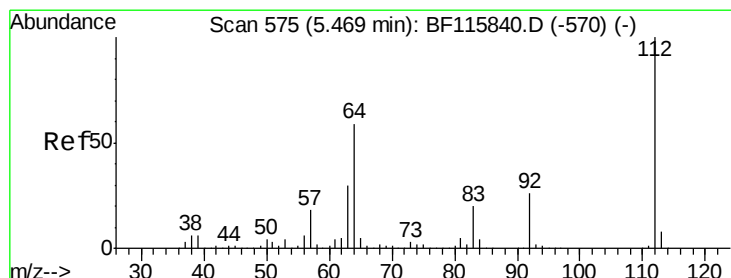
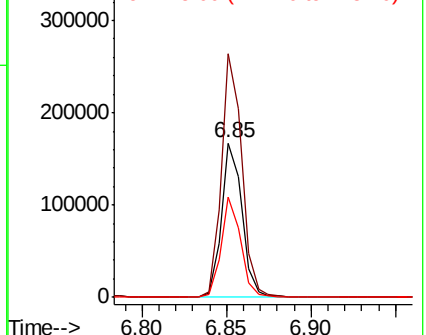
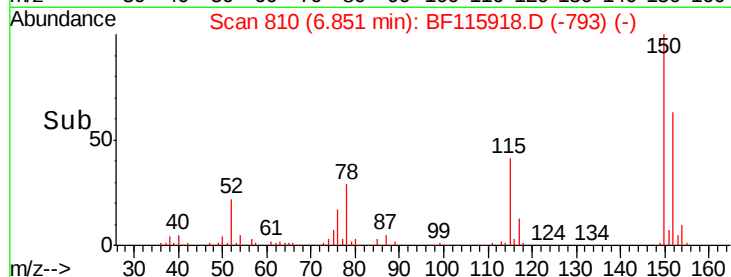


Abundance

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: 114.447 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF115918.D

Acq: 1 Aug 2019 20:36

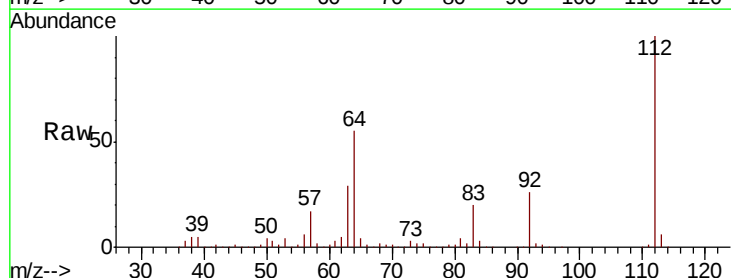
Tgt Ion:112 Resp: 972592

Ion Ratio Lower Upper

112 100

64 55.2 46.8 70.2

63 29.3 24.2 36.2

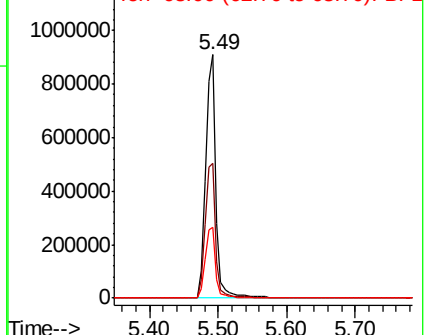
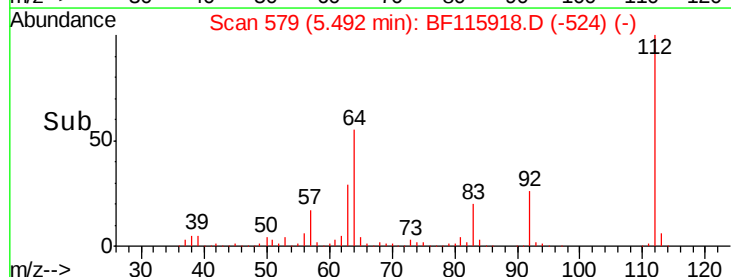


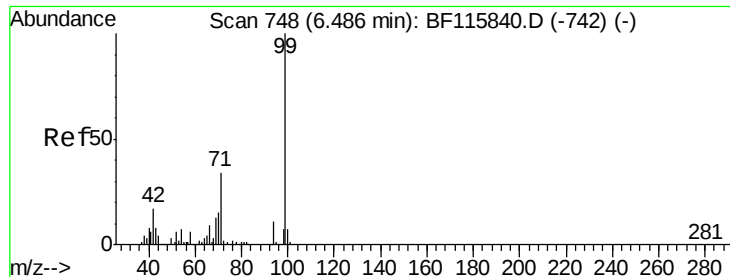
Abundance

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: 106.514 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115918.D

Acq: 1 Aug 2019 20:36

Instrument :

BNA_F

ClientSampleId :

SS-11_072919

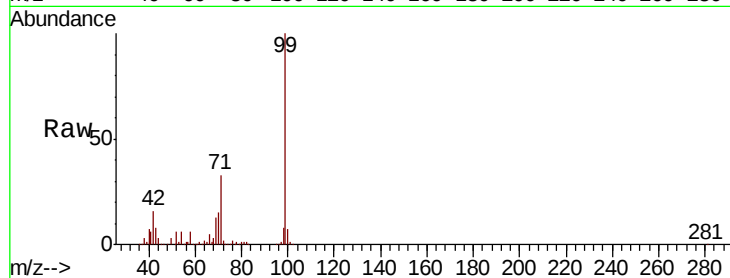
Tgt Ion: 99 Resp: 1142036

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.6

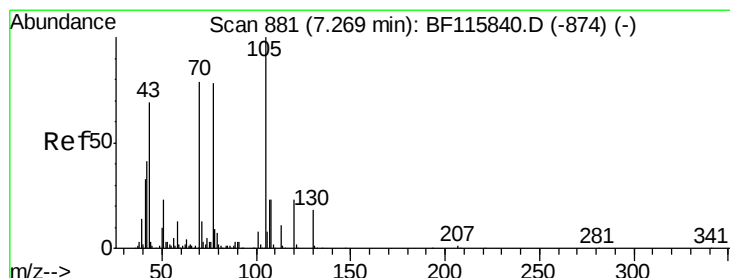
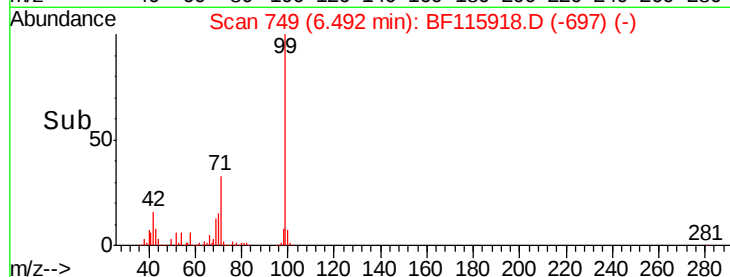
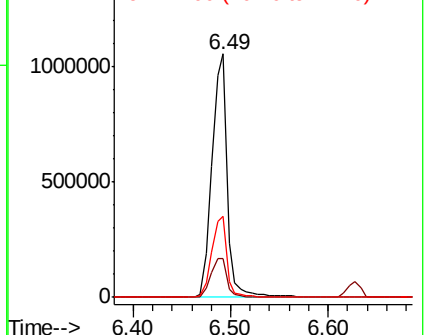
71 33.4 27.1 40.7



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: 18.122 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115918.D

Acq: 1 Aug 2019 20:36

Tgt Ion: 70 Resp: 120402

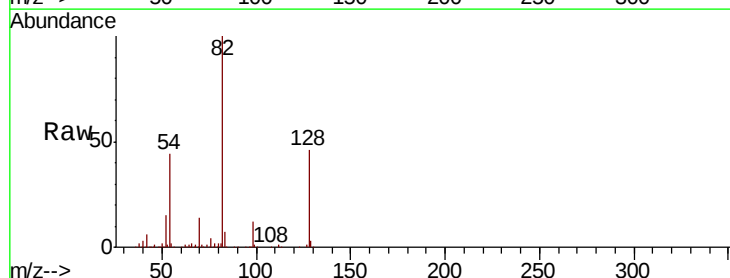
Ion Ratio Lower Upper

70 100

42 41.2 41.8 62.8#

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#

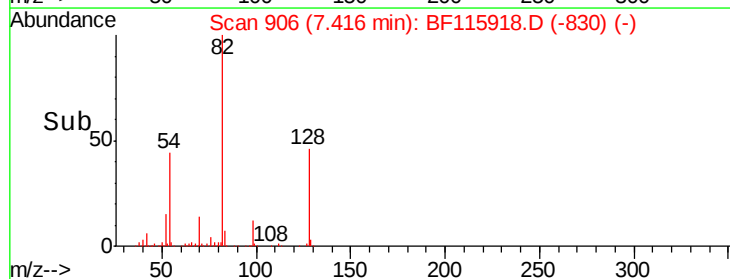
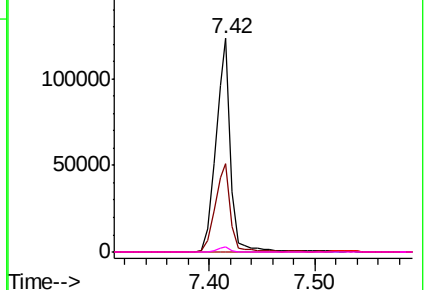


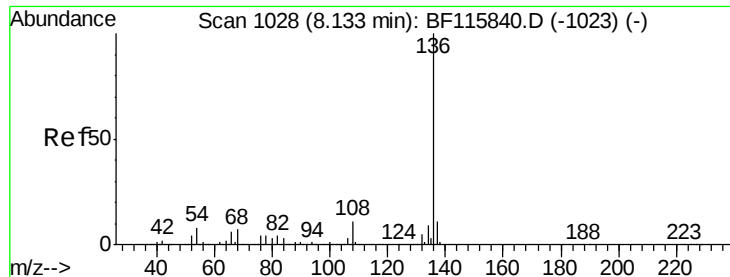
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

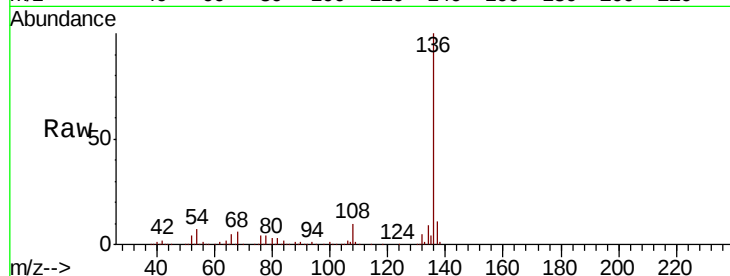




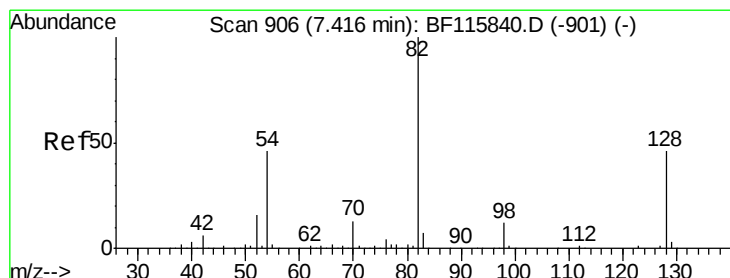
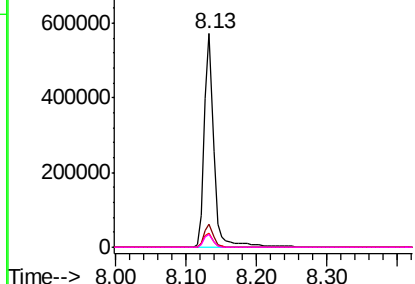
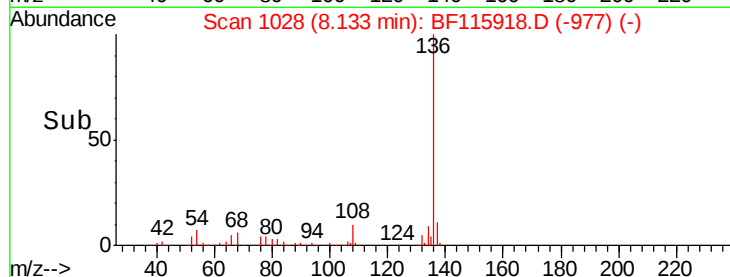
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115918.D
Acq: 1 Aug 2019 20:36

Instrument :
BNA_F
ClientSampleId :
SS-11_072919

Tgt Ion:	136	Resp:	541289
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	6.1	9.1
68	5.9	5.4	8.2

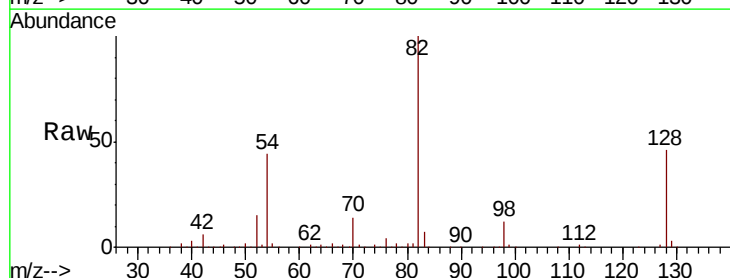


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

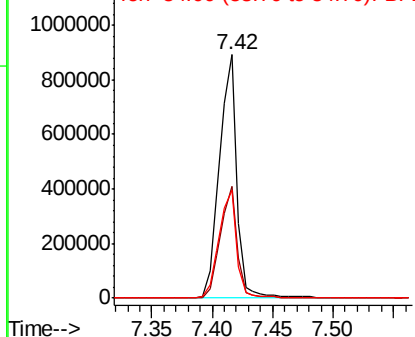
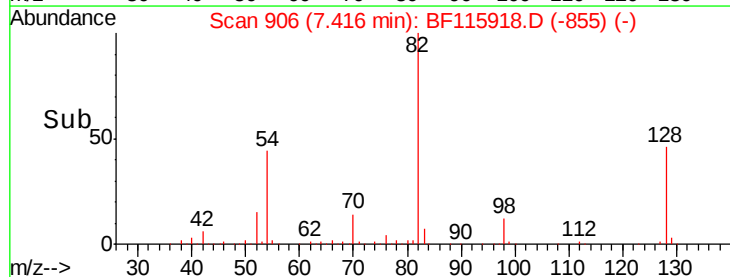


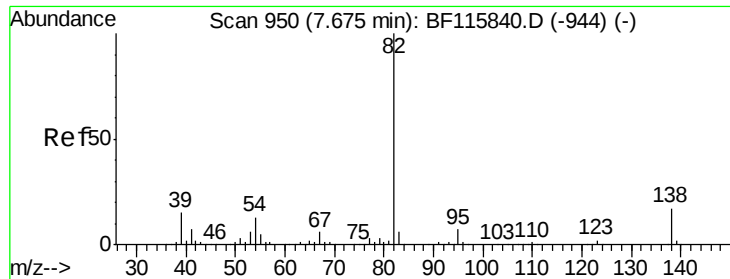
#23
Nitrobenzene-d5
Concen: 94.593 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115918.D
Acq: 1 Aug 2019 20:36

Tgt Ion:	82	Resp:	887035
Ion	Ratio	Lower	Upper
82	100		
128	46.0	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: 49.469 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115918.D

Acq: 1 Aug 2019 20:36

Instrument :

BNA_F

ClientSampleId :

SS-11_072919

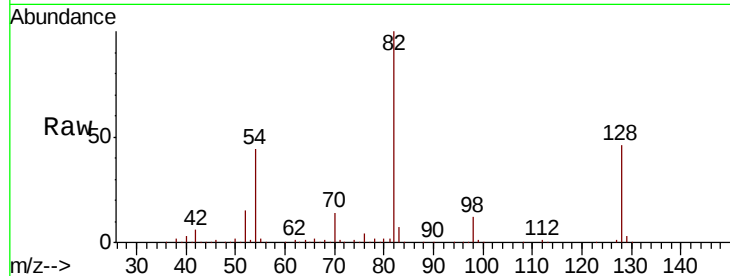
Tgt Ion: 82 Resp: 887023

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

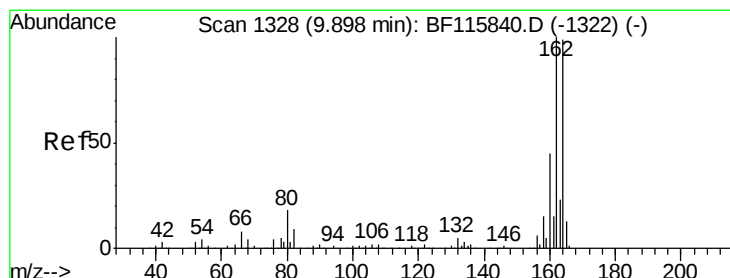
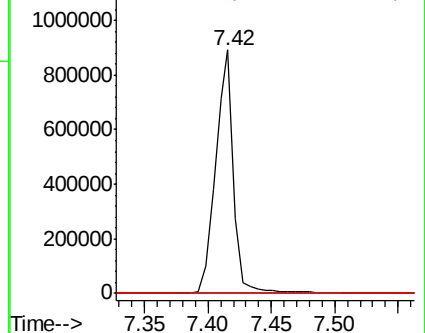
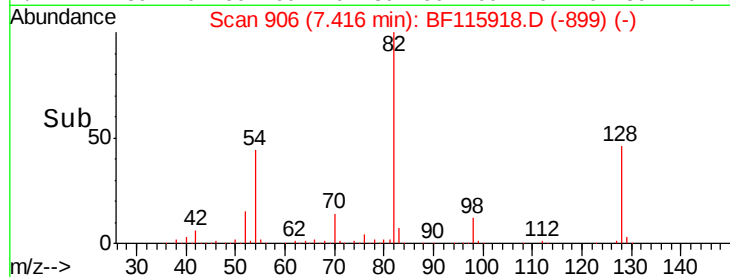
138 0.0 13.9 20.9#



Abundance Ion 82.00 (81.70 to 82.70): BF115918.D (-899) (-)

Ion 95.00 (94.70 to 95.70): BF115918.D (-899) (-)

Ion 138.00 (137.70 to 138.70): BF115918.D (-899) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115918.D

Acq: 1 Aug 2019 20:36

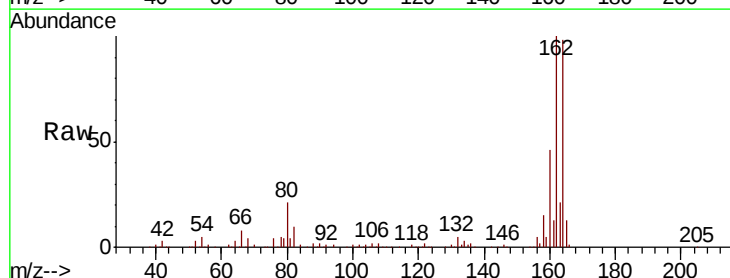
Tgt Ion: 164 Resp: 279874

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

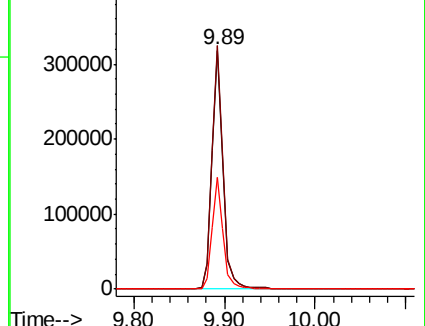
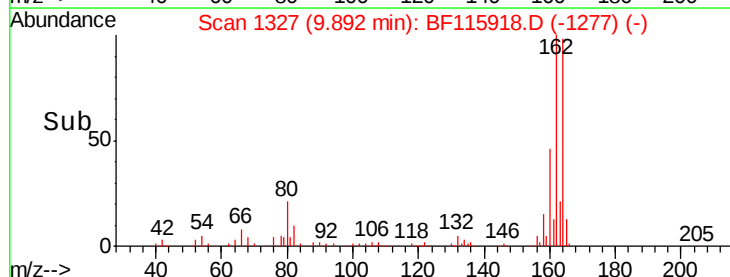
160 46.7 36.2 54.4

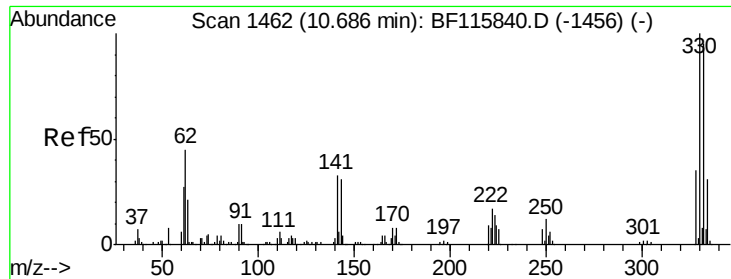


Abundance Ion 164.00 (163.70 to 164.70): BF115918.D (-1277) (-)

Ion 162.00 (161.70 to 162.70): BF115918.D (-1277) (-)

Ion 160.00 (159.70 to 160.70): BF115918.D (-1277) (-)

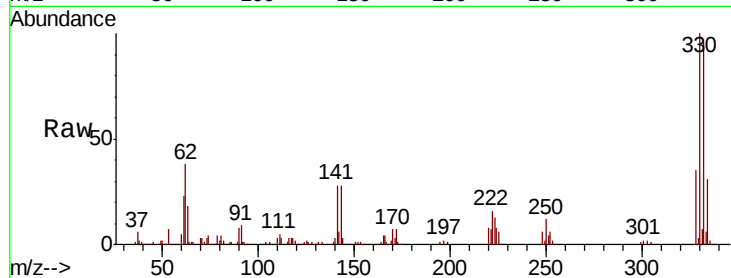




#42
 2,4,6-Tribromophenol
 Concen: 132.097 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115918.D
 Acq: 1 Aug 2019 20:36

Instrument :
 BNA_F
 ClientSampleId :
 SS-11_072919

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.7	116.5
141	33.2	28.1	42.1

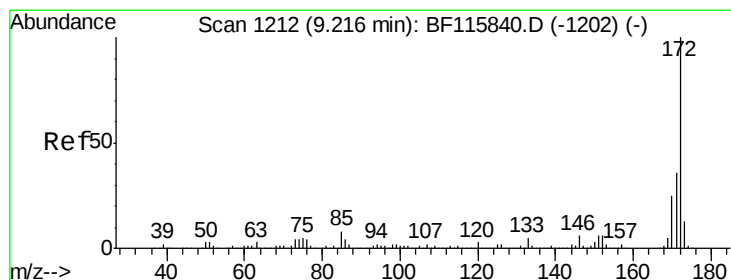
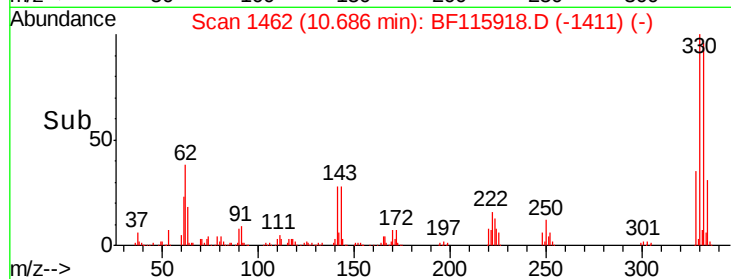
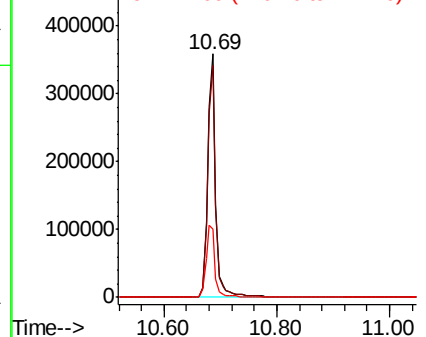


Abundance

Ion 329.80 (329.50 to 330.50): E

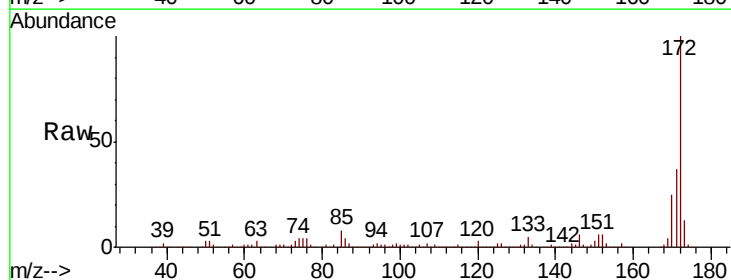
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.474 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115918.D
 Acq: 1 Aug 2019 20:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.1	43.7
170	25.3	20.1	30.1

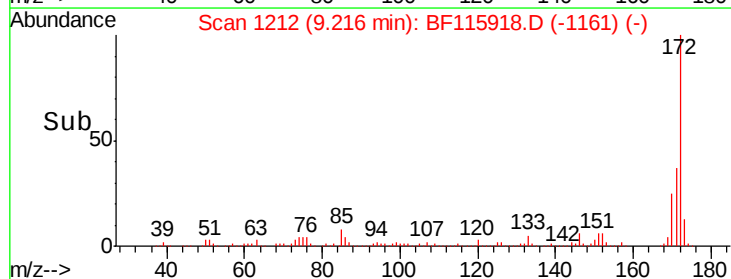
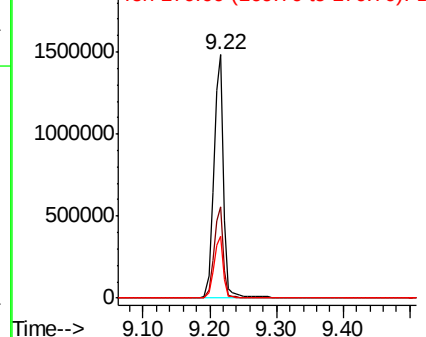


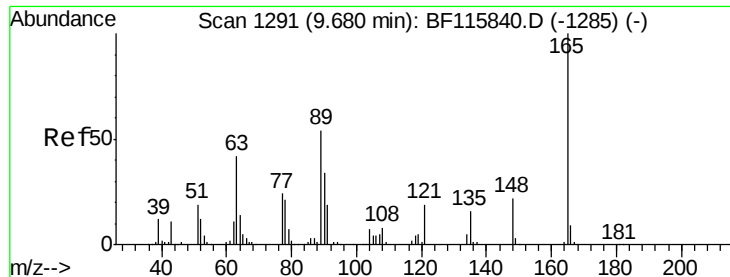
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 8.407 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF115918.D

Acq: 1 Aug 2019 20:36

Instrument :

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SS-11_072919

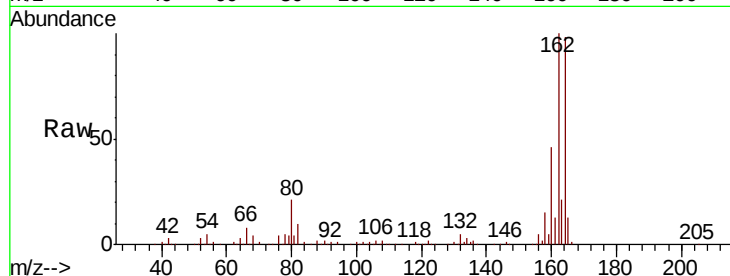
Tgt Ion:165 Resp: 34817

Ion Ratio Lower Upper

165 100

63 1.0 39.4 59.2#

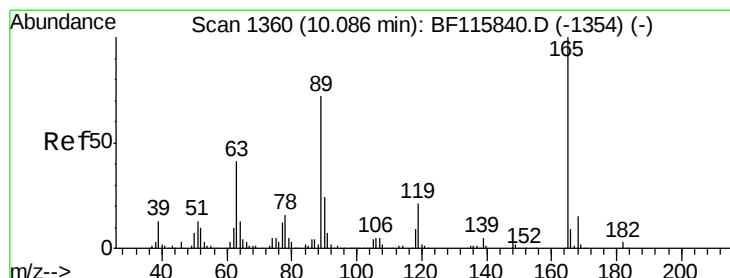
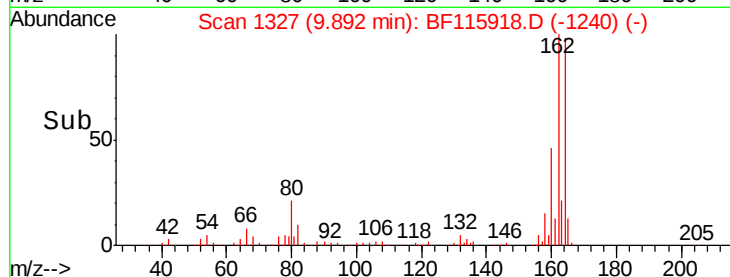
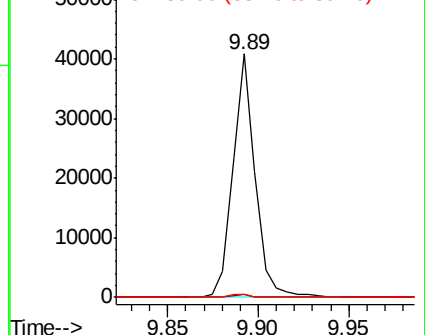
89 1.3 43.0 64.6#



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: 6.315 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115918.D

Acq: 1 Aug 2019 20:36

Tgt Ion:165 Resp: 34817

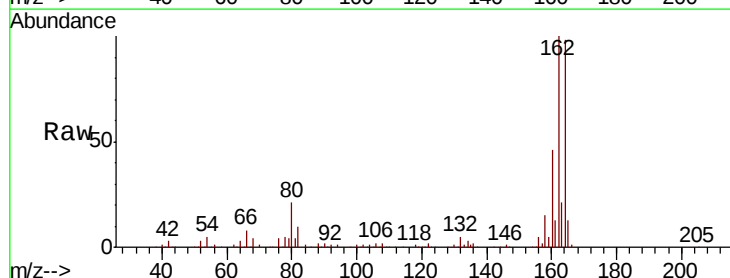
Ion Ratio Lower Upper

165 100

63 1.0 33.2 49.8#

89 1.3 57.3 85.9#

182 0.0 2.1 3.1#

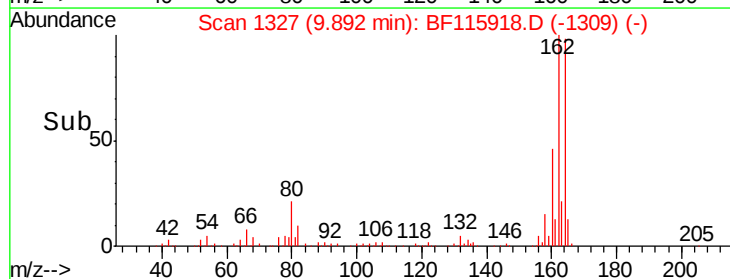
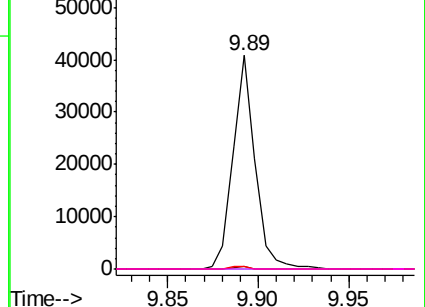


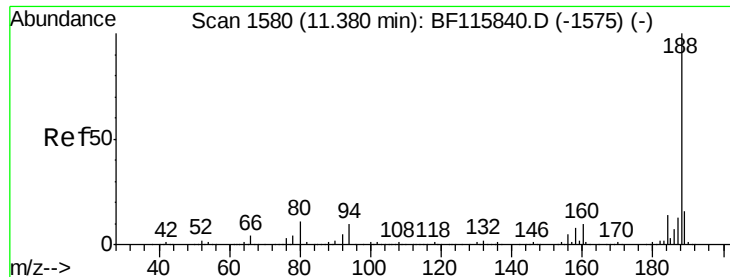
Abundance Ion 165.00 (164.70 to 165.70): E

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

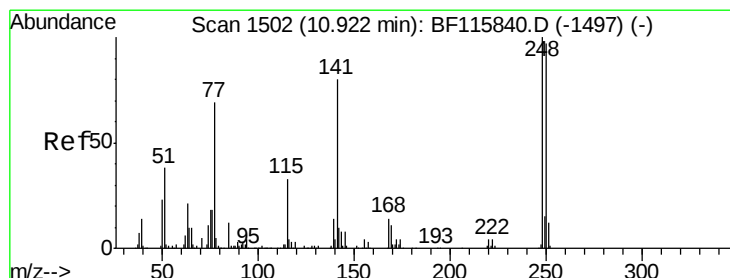
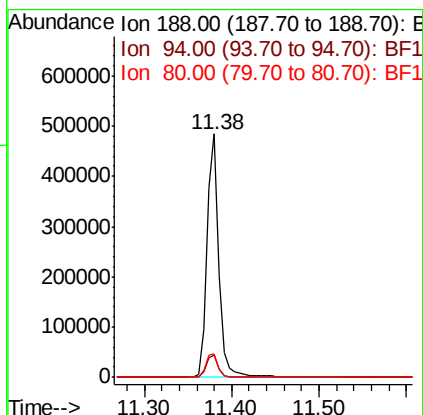
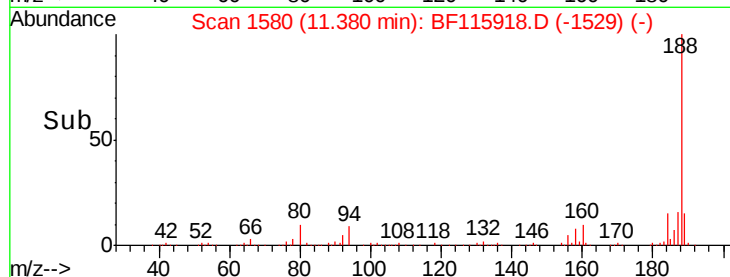
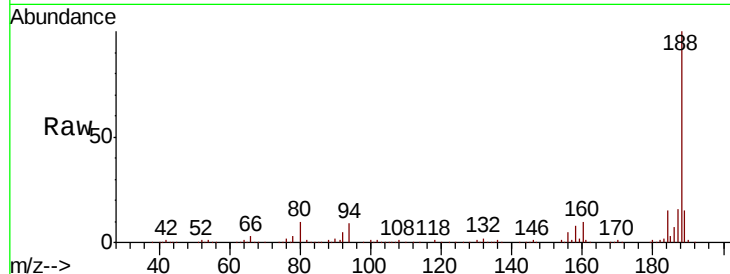




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115918.D
 Acq: 1 Aug 2019 20:36

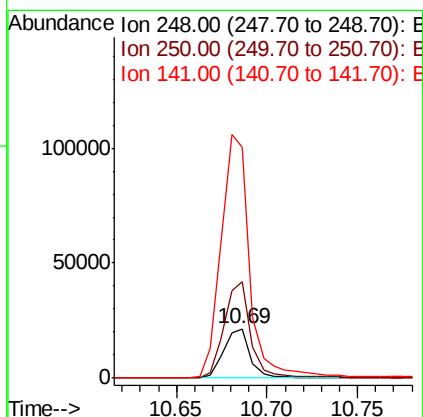
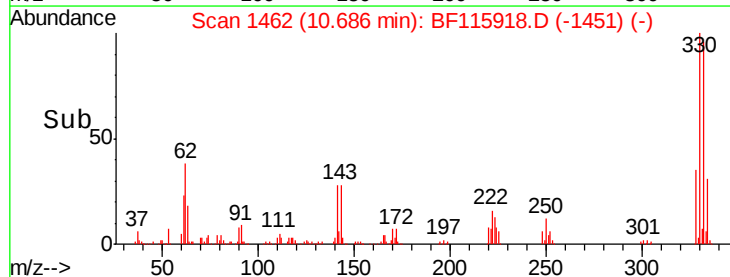
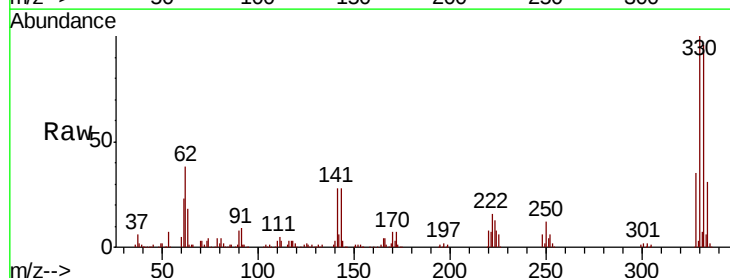
Instrument :
 BNA_F
 ClientSampleId :
 SS-11_072919

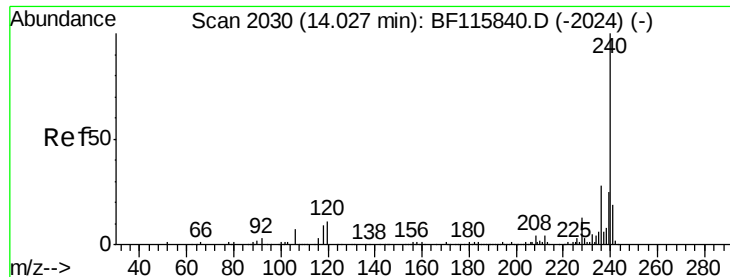
Tgt Ion:188 Resp: 453333
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.0 12.0
 80 9.6 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 4.512 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF115918.D
 Acq: 1 Aug 2019 20:36

Tgt Ion:248 Resp: 21895
 Ion Ratio Lower Upper
 248 100
 250 195.2 77.8 116.6#
 141 465.8 64.3 96.5#

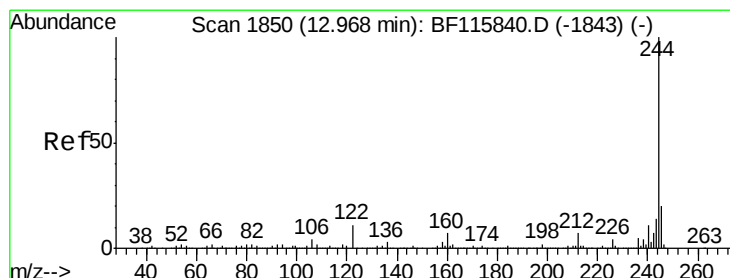
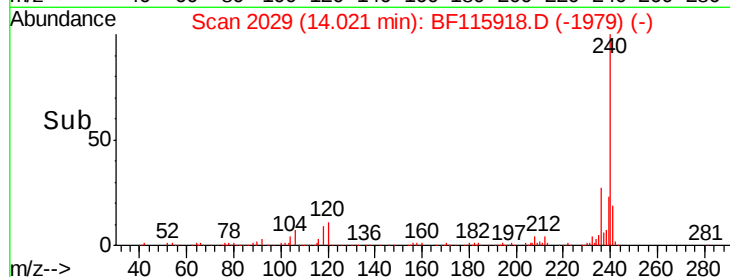
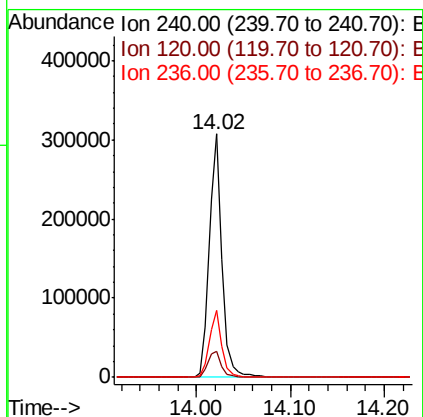
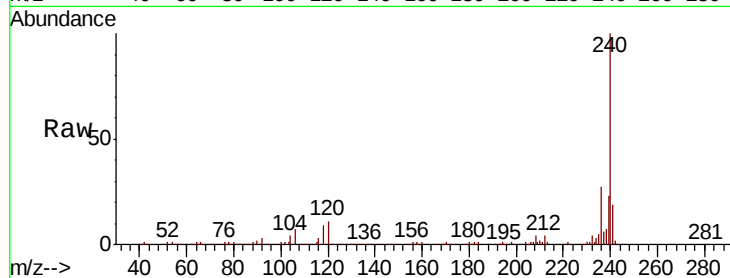




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115918.D
Acq: 1 Aug 2019 20:36

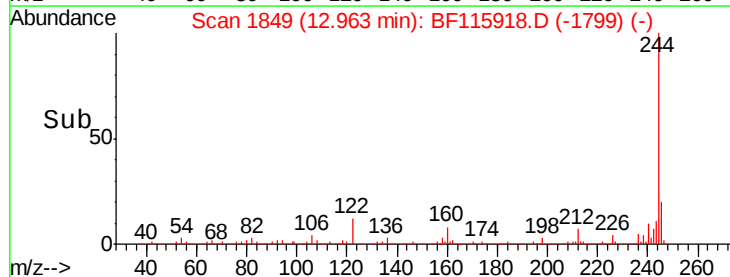
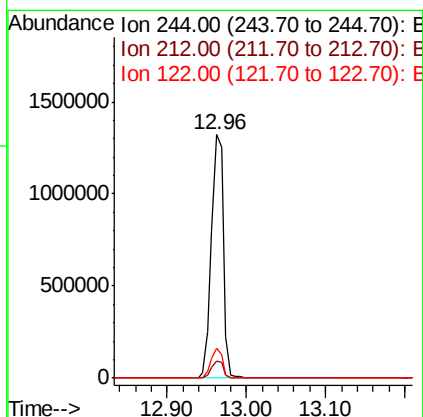
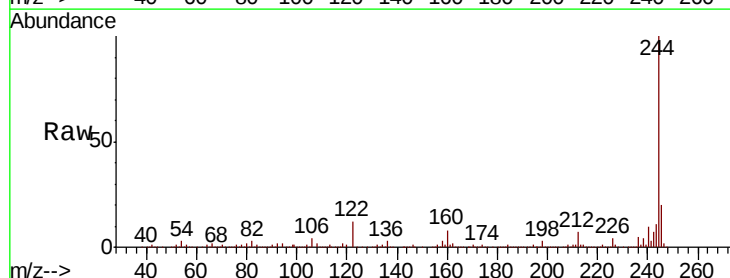
Instrument :
BNA_F
ClientSampleId :
SS-11_072919

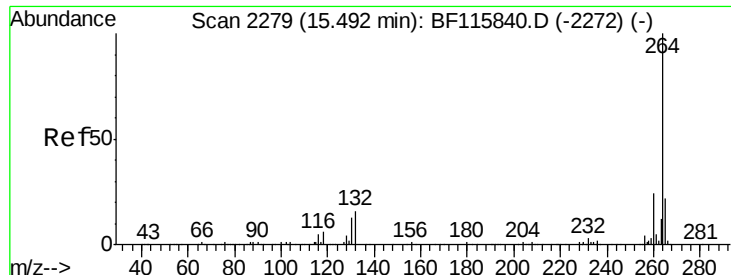
Tgt Ion:240 Resp: 293307
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 27.5 22.2 33.2



#79
Terphenyl-d14
Concen: 99.867 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115918.D
Acq: 1 Aug 2019 20:36

Tgt Ion:244 Resp: 1390097
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 12.3 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115918.D
Acq: 1 Aug 2019 20:36

Instrument :
BNA_F
ClientSampleId :
SS-11_072919

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.0	17.5	26.3

