

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115643.D
 Acq On : 18 Jul 2019 9:30
 Operator : HP/JU
 Sample : PB121459BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 16:40:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

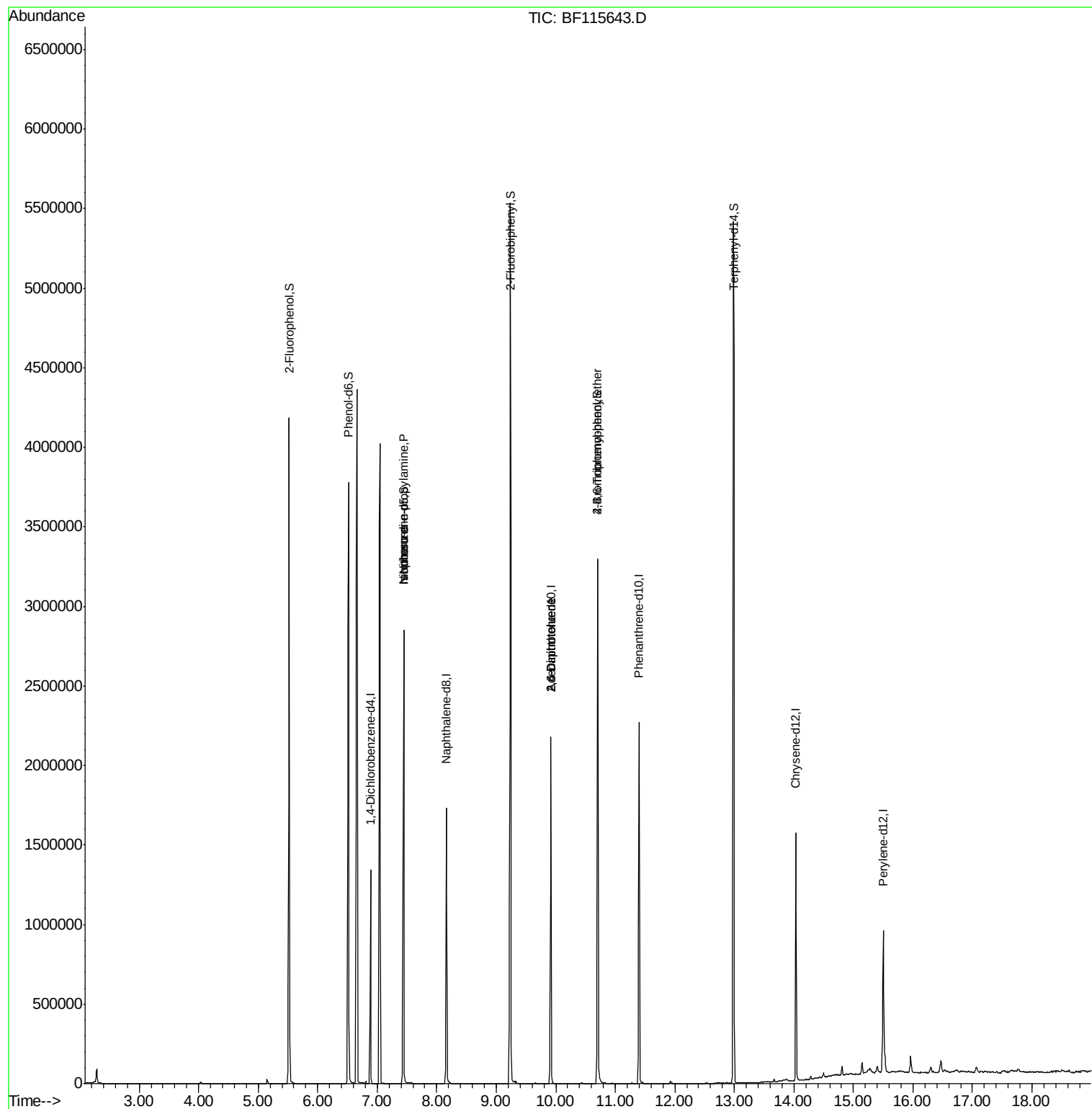
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	208466	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	857625	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	443147	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	834874	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	486281	20.00	ng	-0.02
87) Perylene-d12	15.50	264	439338	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1423644	111.70	ng	0.02
7) Phenol-d6	6.52	99	1789012	110.63	ng	0.00
23) Nitrobenzene-d5	7.45	82	1160401	78.67	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	526158	101.72	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2076077	82.00	ng	-0.01
79) Terphenyl-d14	12.99	244	2286751	86.77	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	154045	14.606	ng	# 77
25) Isophorone	7.45	82	1142822	38.722	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	57036	7.528	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	57036	5.810	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	31568	3.309	ng	# 1

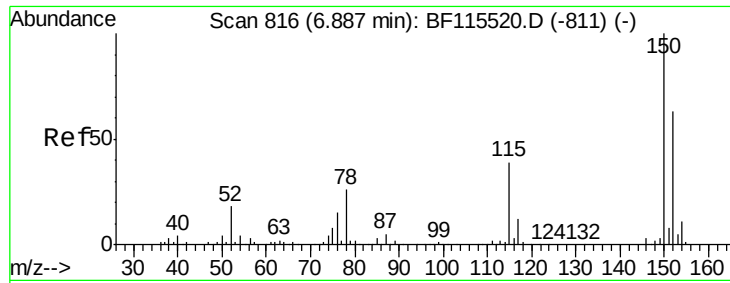
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Jul 18 16:40:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



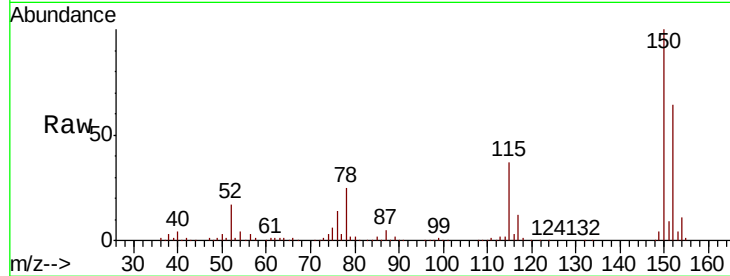


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115643.D
Acq: 18 Jul 2019 9:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	129.7	194.5
115	58.0	48.2	72.4

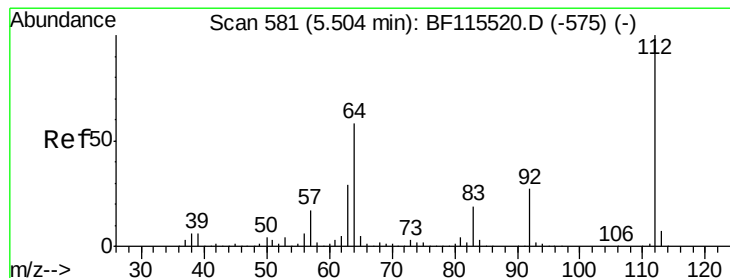
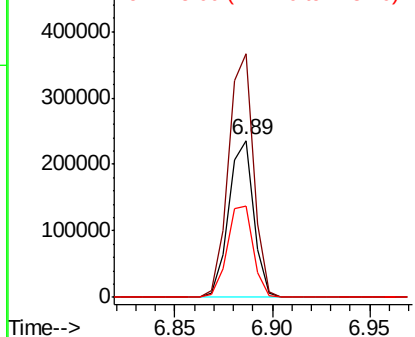
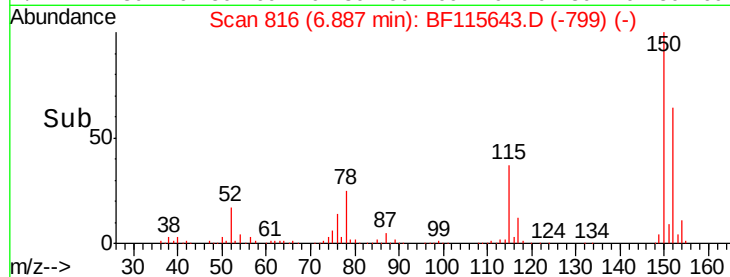


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

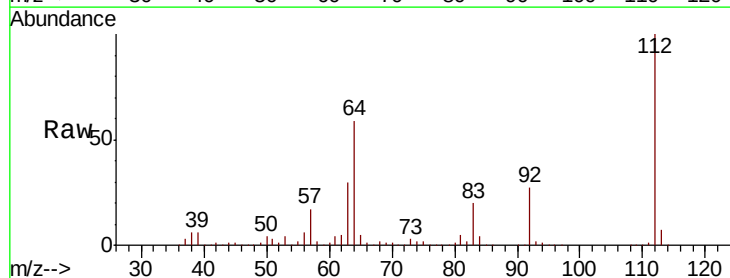
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.705 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115643.D
Acq: 18 Jul 2019 9:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.8	70.2
63	30.4	24.1	36.1

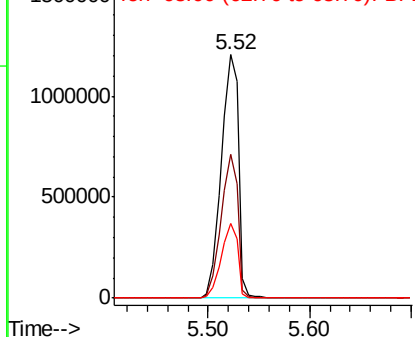
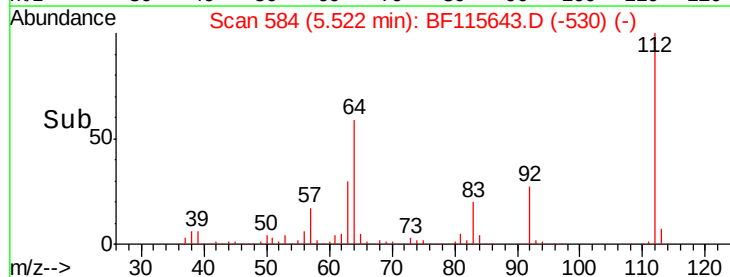


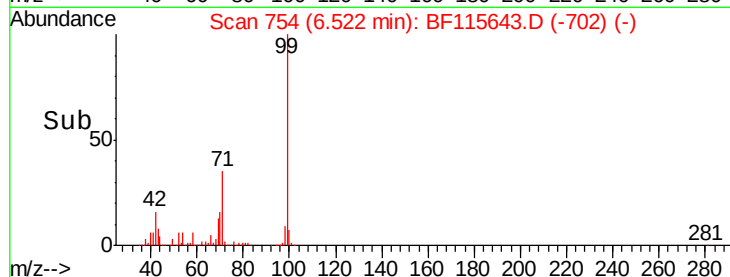
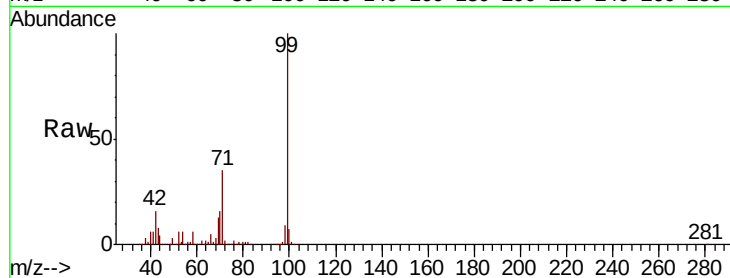
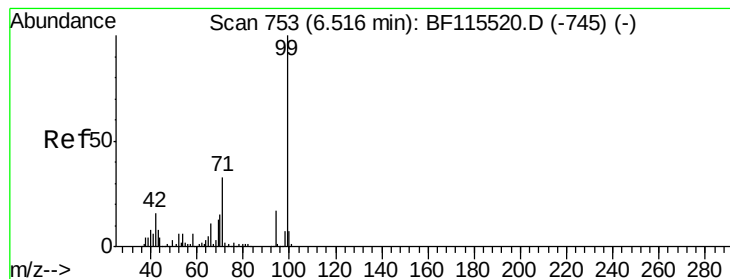
Abundance

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: 110.627 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

Instrument :

BNA_F

ClientSampleId :

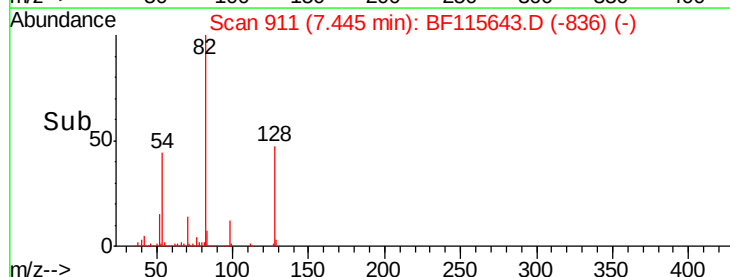
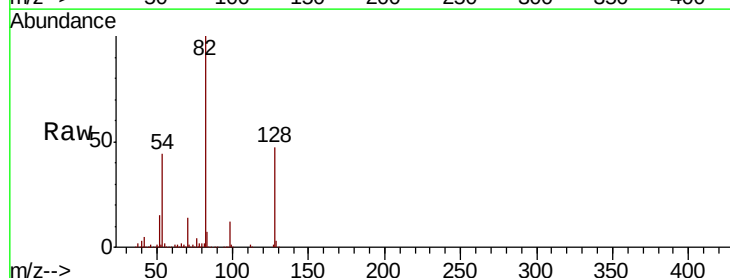
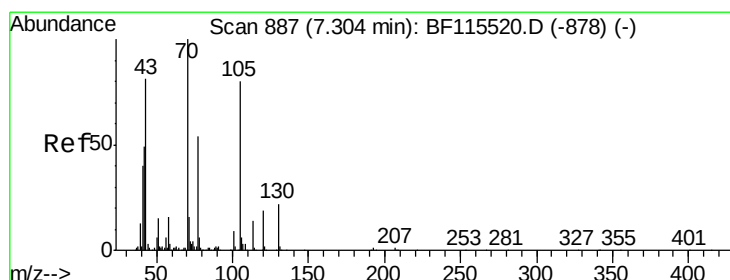
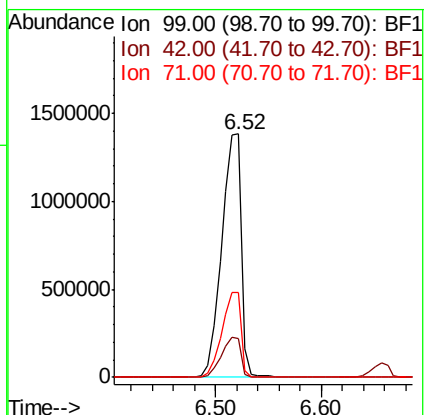
Tot Ion: 99 Resp: 1789012

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

71 34.7 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.606 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

Tgt Ion: 70 Resp: 154045

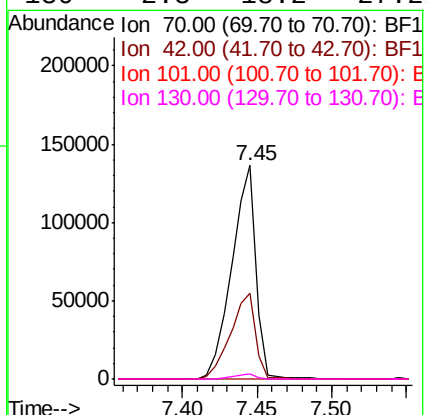
Ion Ratio Lower Upper

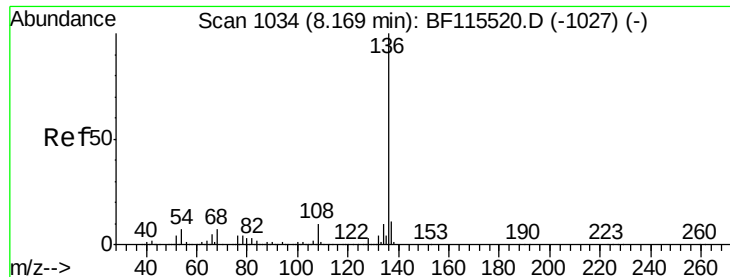
70 100

42 40.2 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 857625

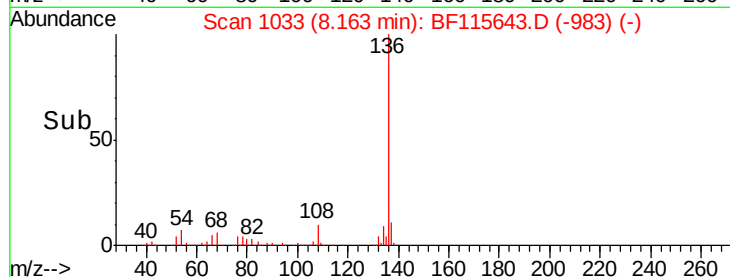
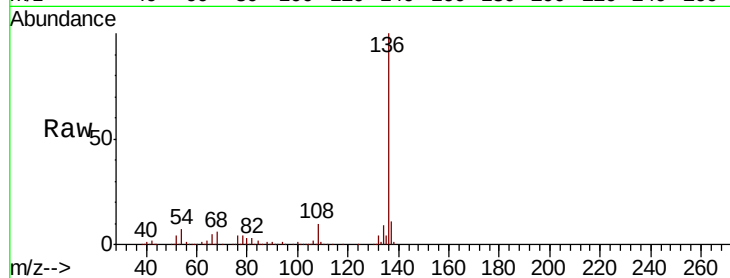
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.1 5.6 8.4

68 6.4 5.0 7.6

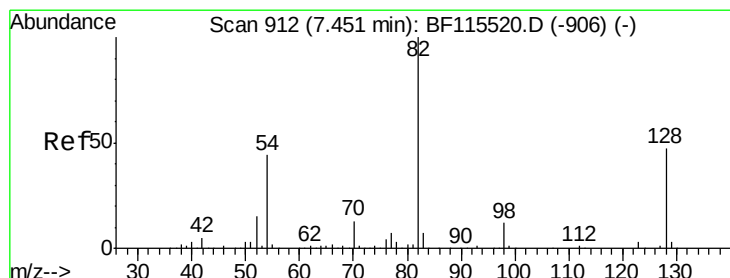
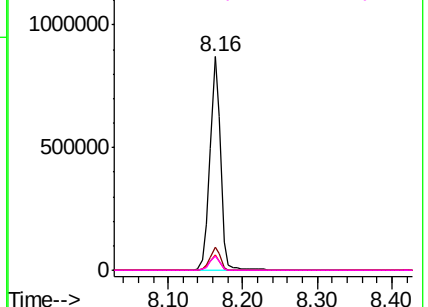


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.675 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

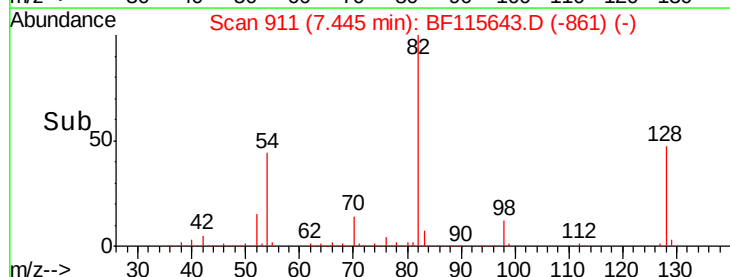
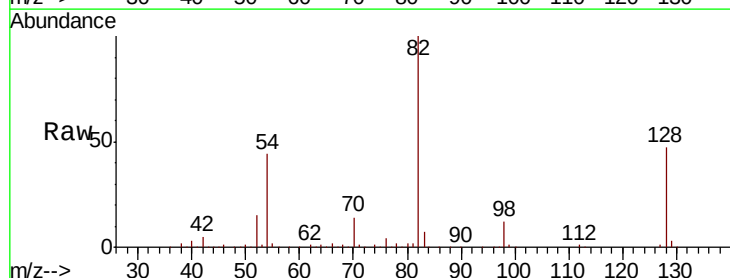
Tgt Ion: 82 Resp: 1160401

Ion Ratio Lower Upper

82 100

128 46.7 38.6 57.8

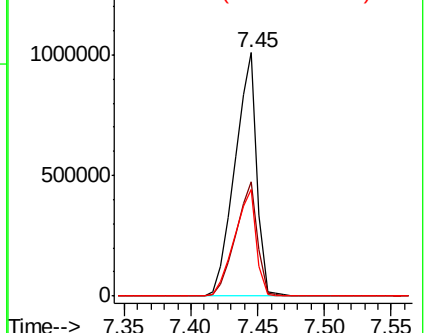
54 43.9 35.6 53.4

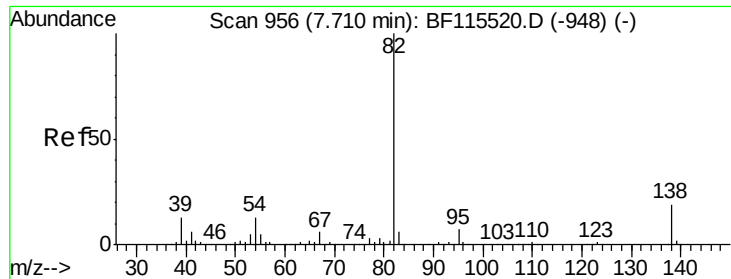


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.722 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

Instrument :

BNA_F

ClientSampleId :

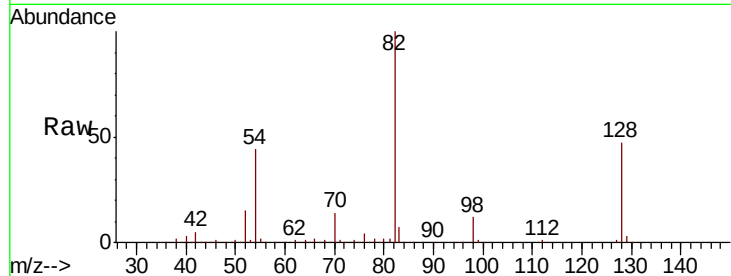
Tot Ion: 82 Resp: 1142822

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

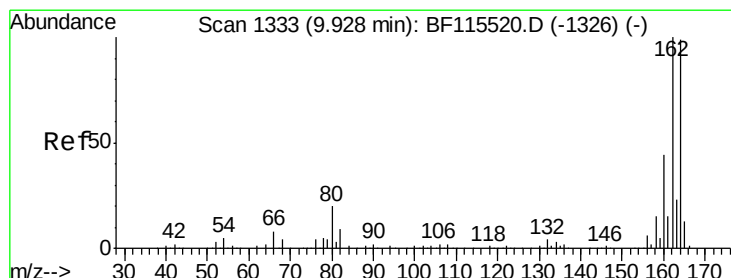
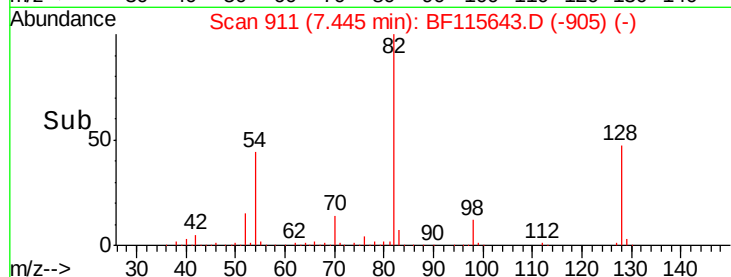
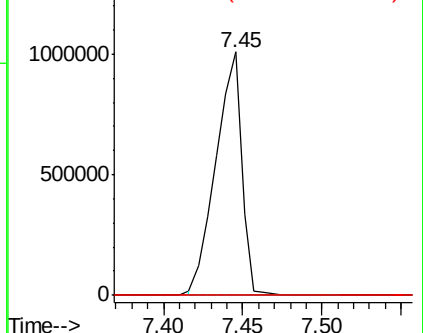
138 0.0 14.9 22.3#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

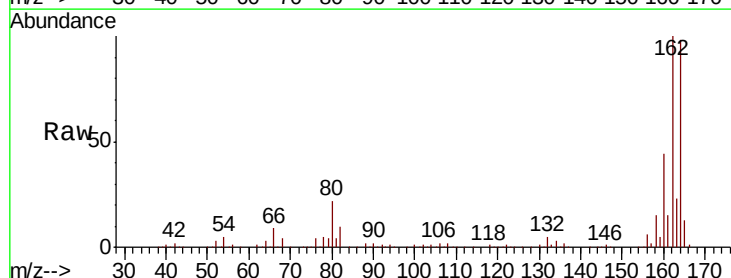
Tgt Ion: 164 Resp: 443147

Ion Ratio Lower Upper

164 100

162 102.1 82.9 124.3

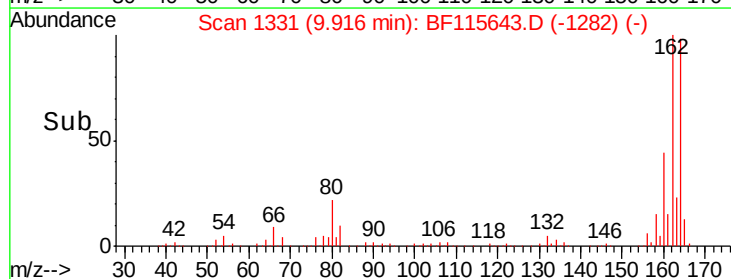
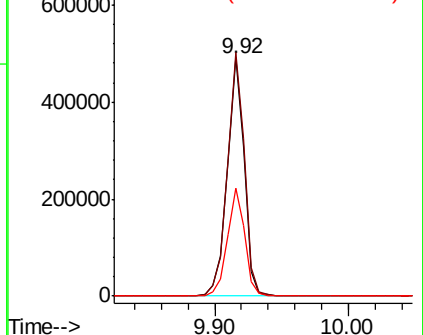
160 45.3 36.8 55.2

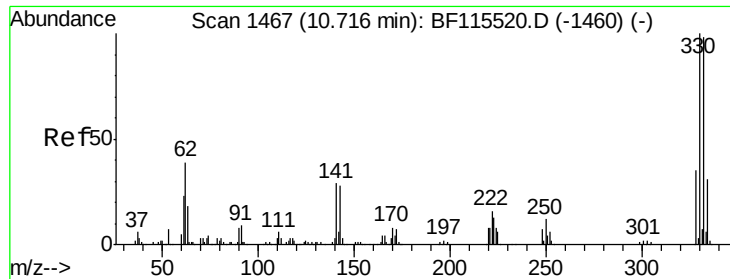


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

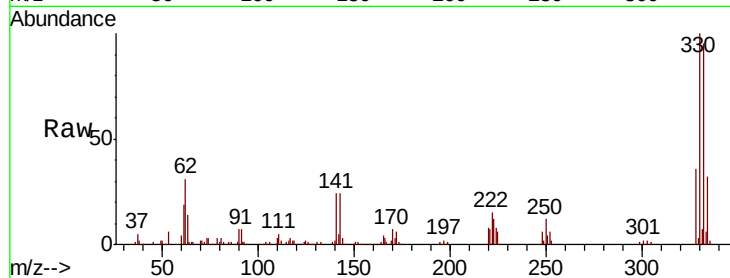




#42
 2,4,6-Tribromophenol
 Concen: 101.720 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115643.D
 Acq: 18 Jul 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	29.6	22.4	33.6

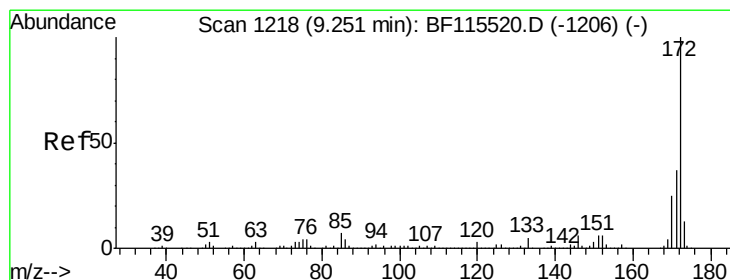
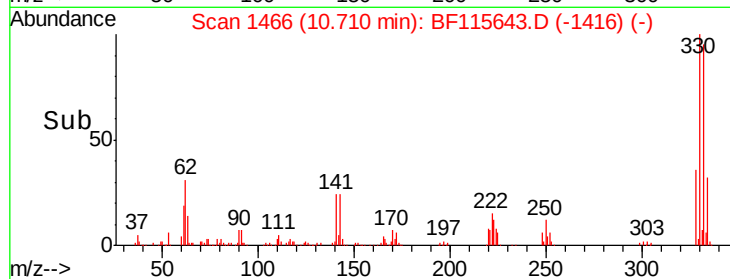
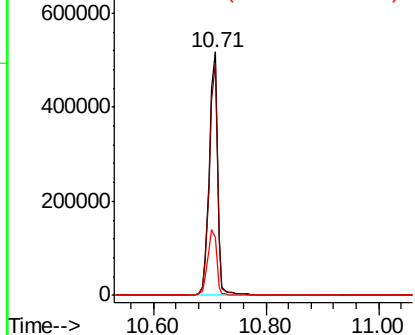


Abundance

Ion 329.80 (329.50 to 330.50): E

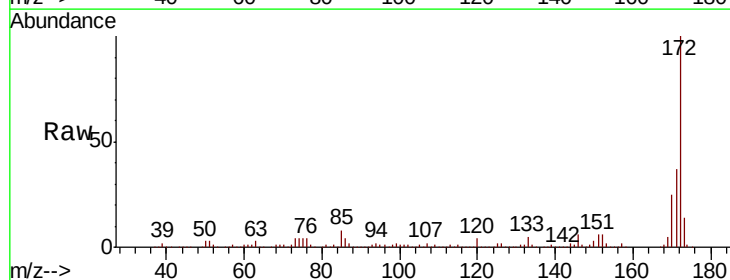
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.998 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115643.D
 Acq: 18 Jul 2019 9:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	25.3	20.5	30.7

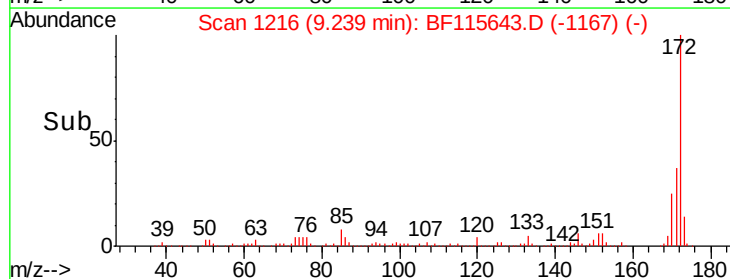
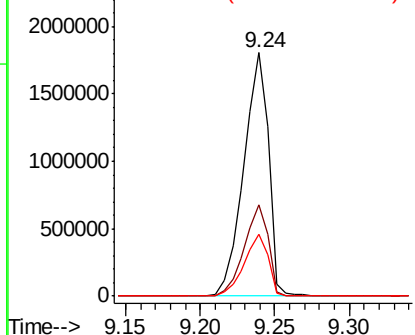


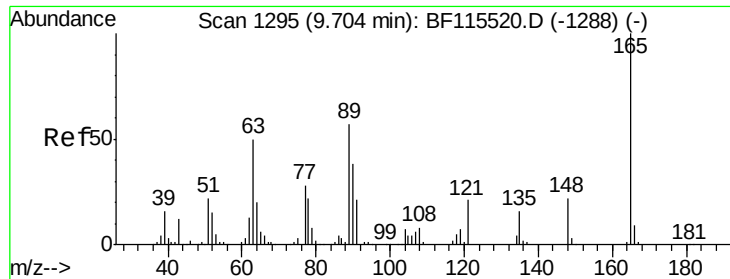
Abundance

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

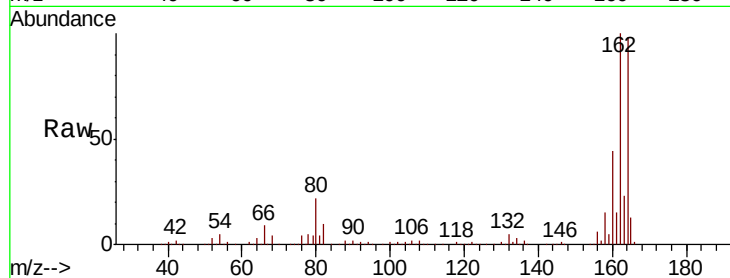




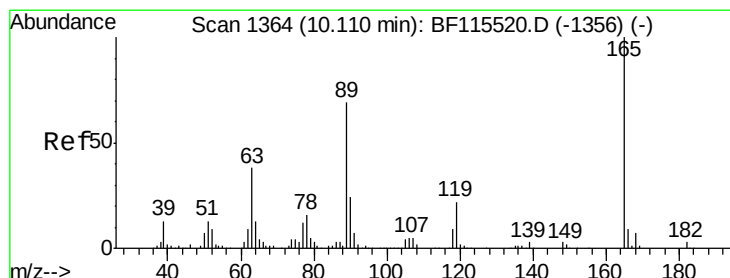
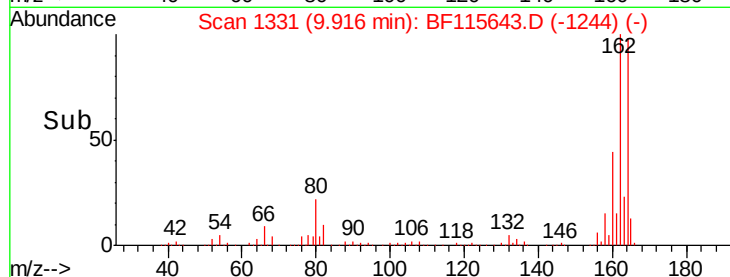
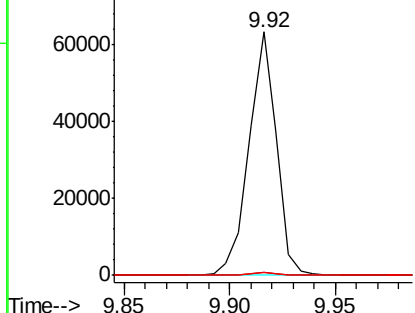
#51
 2,6-Dinitrotoluene
 Concen: 7.528 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115643.D
 Acq: 18 Jul 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.6	61.0#
89	1.3	43.9	65.9#



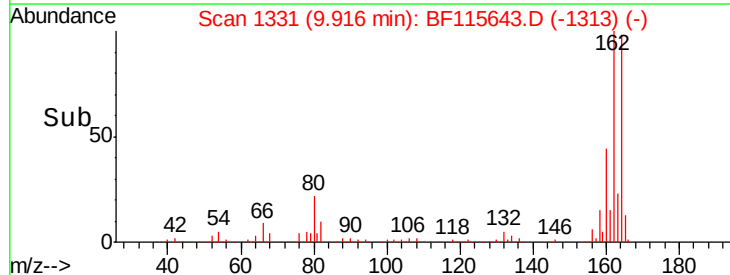
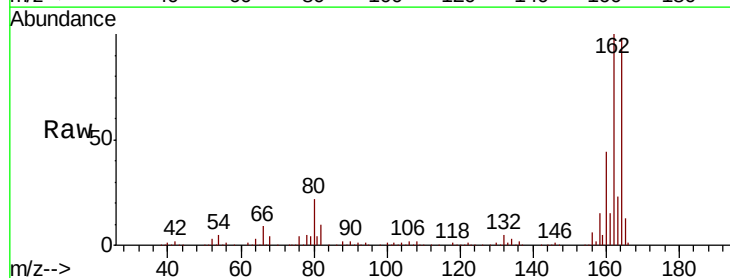
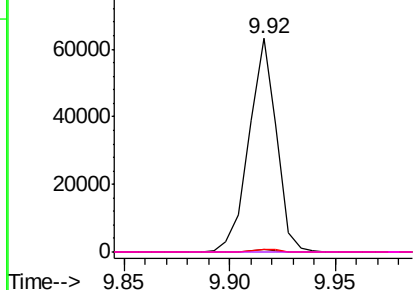
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

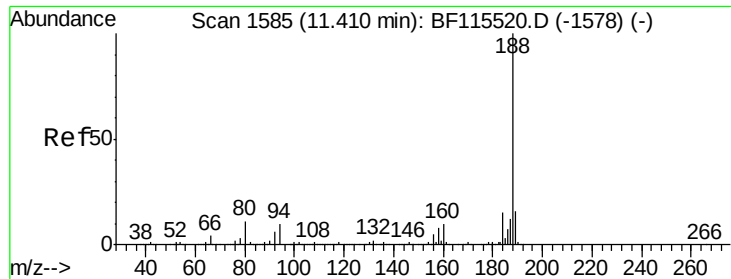


#57
 2,4-Dinitrotoluene
 Concen: 5.810 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115643.D
 Acq: 18 Jul 2019 9:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.9	52.3#
89	1.3	57.5	86.3#
182	0.0	2.2	3.4#

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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

Instrument :

BNA_F

ClientSampleId :

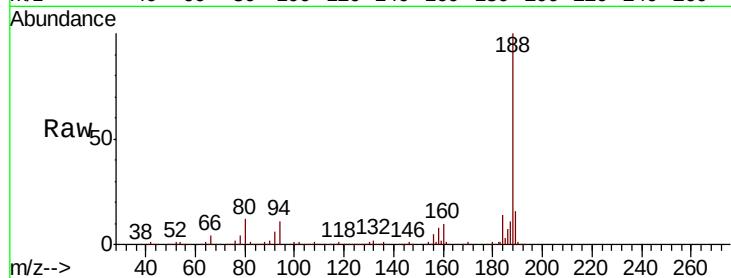
Tot Ion:188 Resp: 834874

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.6

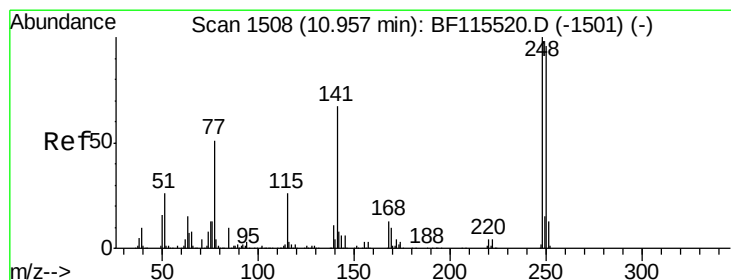
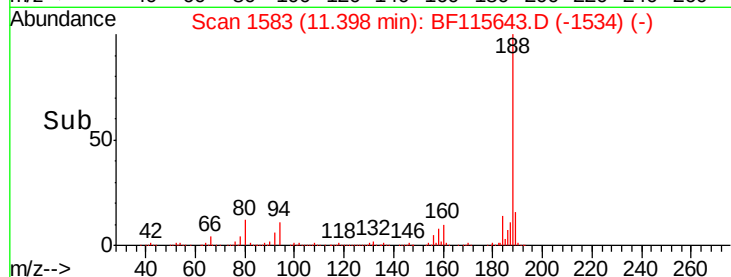
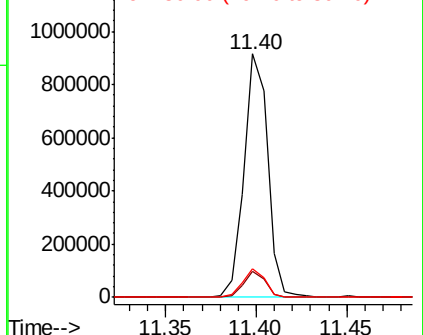
80 11.7 8.6 13.0



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: 3.309 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

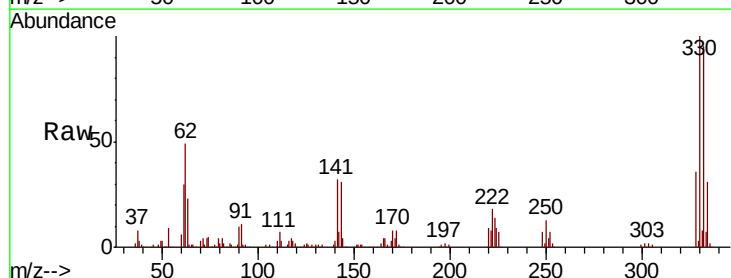
Tgt Ion:248 Resp: 31568

Ion Ratio Lower Upper

248 100

250 196.1 78.0 117.0#

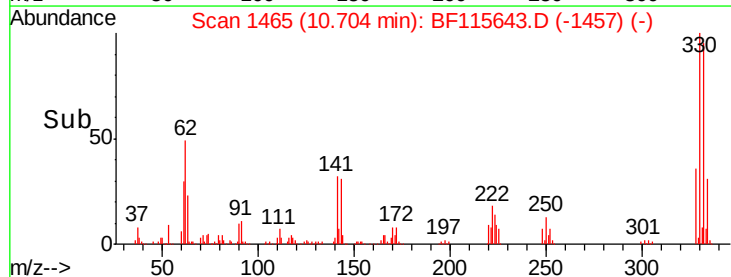
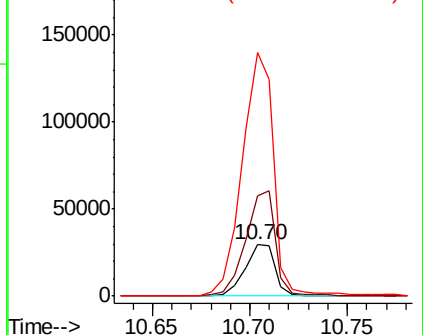
141 474.5 57.7 86.5#

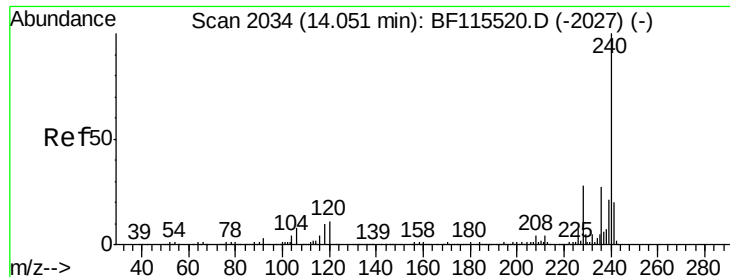


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

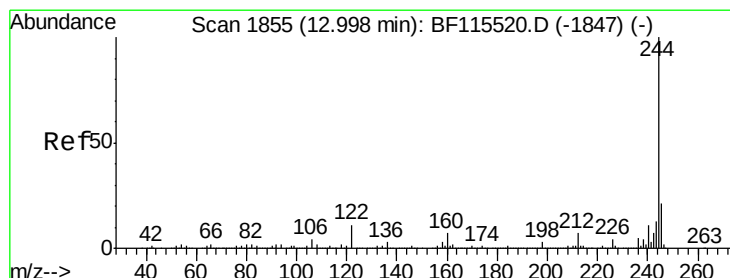
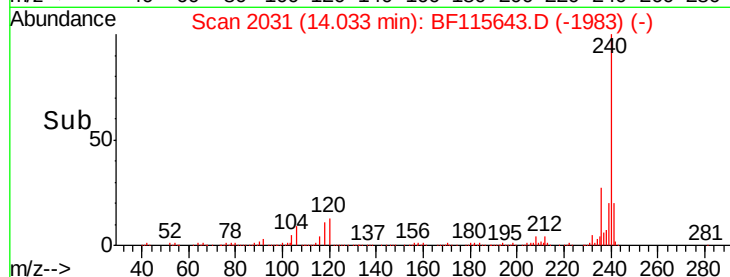
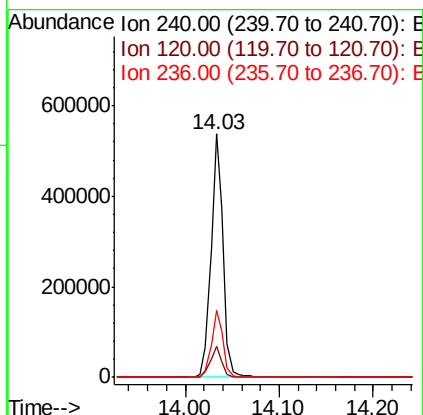
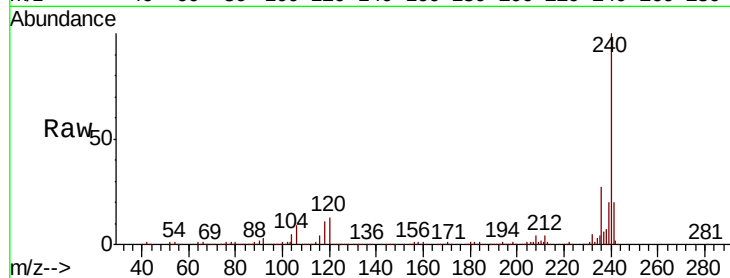




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115643.D
 Acq: 18 Jul 2019 9:30

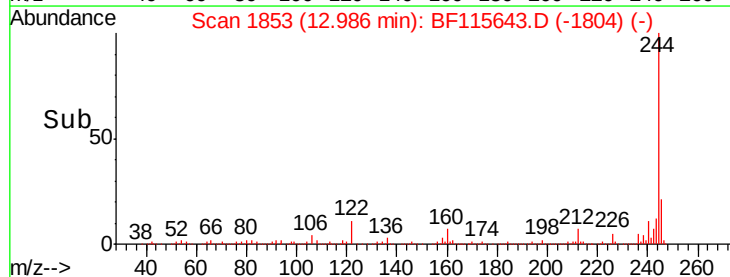
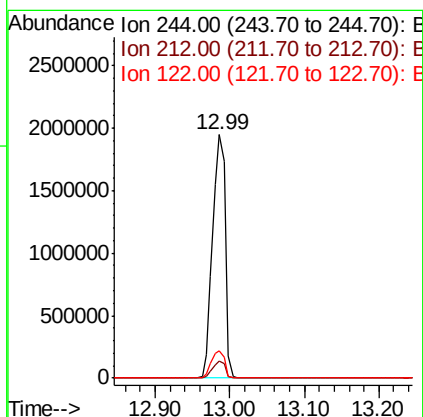
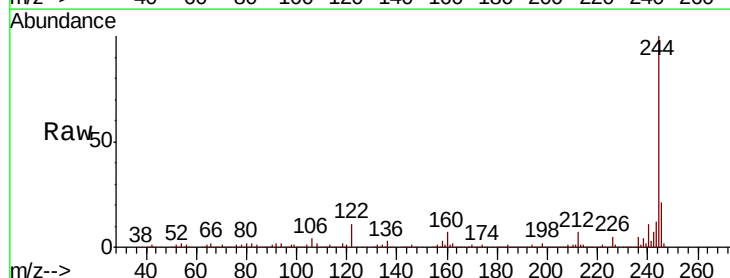
Instrument :
 BNA_F
 ClientSampleId :

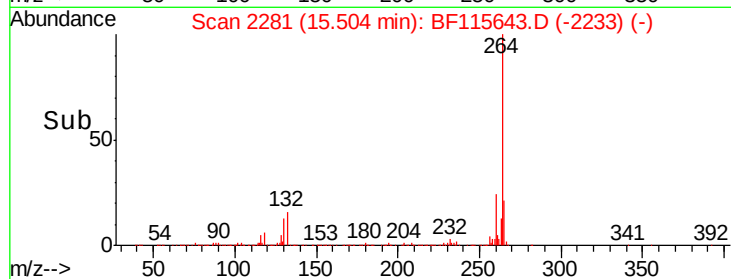
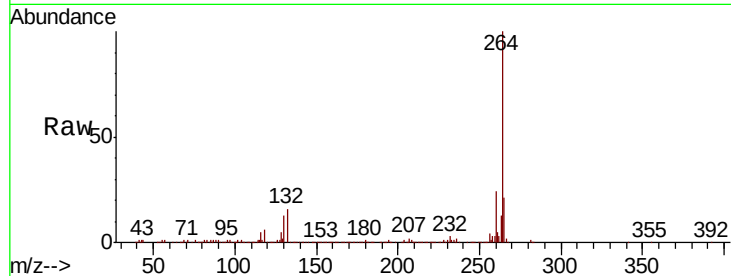
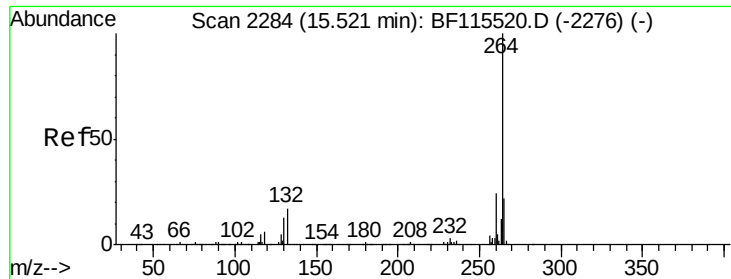
Tot Ion:240 Resp: 486281
 Ion Ratio Lower Upper
 240 100
 120 12.8 8.6 13.0
 236 27.5 21.3 31.9



#79
 Terphenyl-d14
 Concen: 86.770 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115643.D
 Acq: 18 Jul 2019 9:30

Tgt Ion:244 Resp: 2286751
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.4 8.6 12.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF115643.D
 Acq: 18 Jul 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	21.4	17.7	26.5

