

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115593.D
 Acq On : 16 Jul 2019 13:06
 Operator : HP/JU
 Sample : PB121412BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:30:17 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

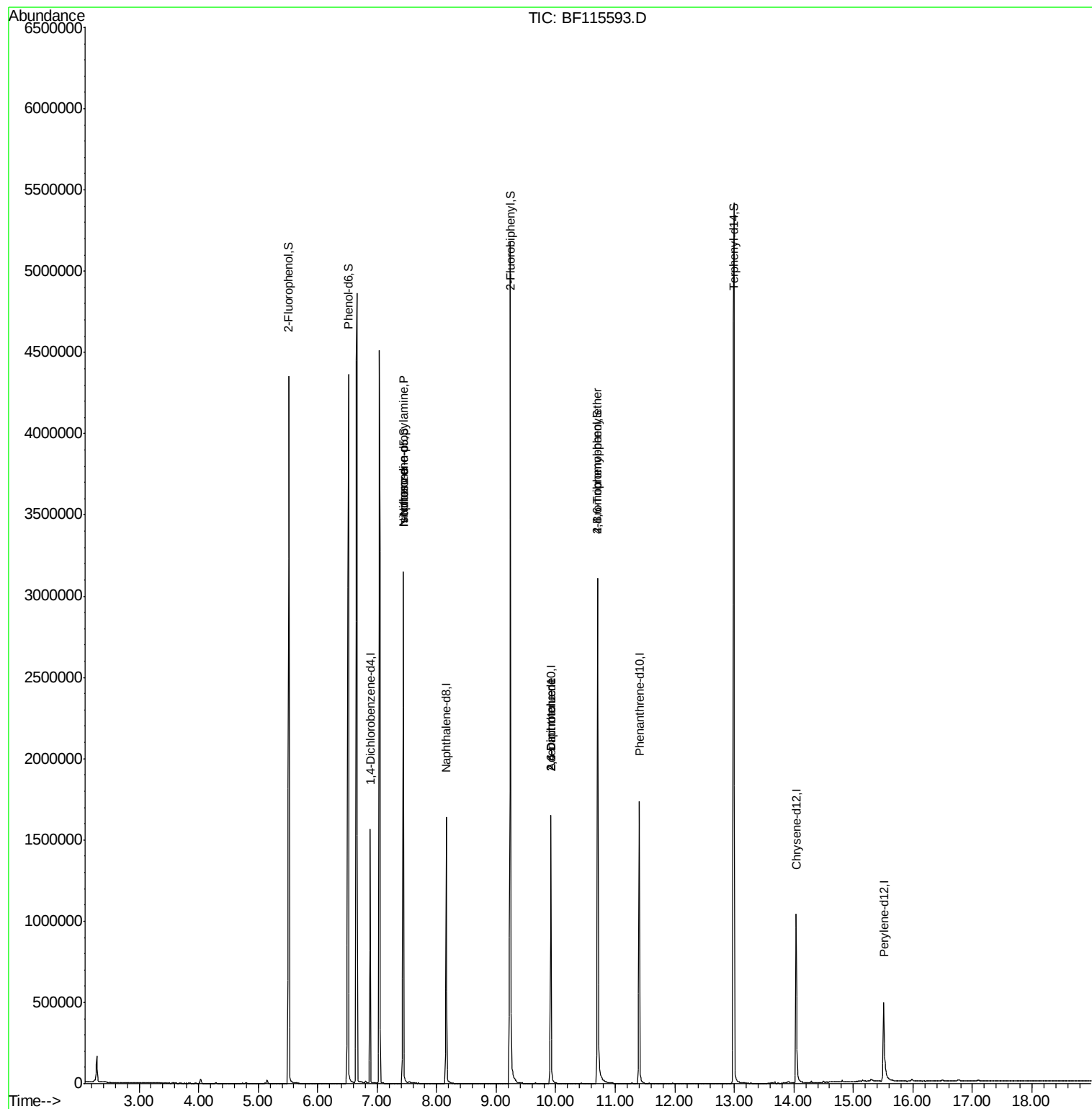
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	211735	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	837303	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	358963	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	708674	20.00	ng	0.00
76) Chrysene-d12	14.04	240	452987	20.00	ng	-0.01
87) Perylene-d12	15.51	264	379401	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1503928	116.18	ng	0.01
7) Phenol-d6	6.52	99	1993207	121.35	ng	0.00
23) Nitrobenzene-d5	7.44	82	1294526	89.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	527881	125.99	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2043747	99.65	ng	-0.01
79) Terphenyl-d14	12.99	244	2210514	90.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	173075	16.157	ng	# 80
25) Isophorone	7.44	82	1260706	43.753	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	46205	7.528	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	46438	5.840	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	32025	3.954	ng	# 1

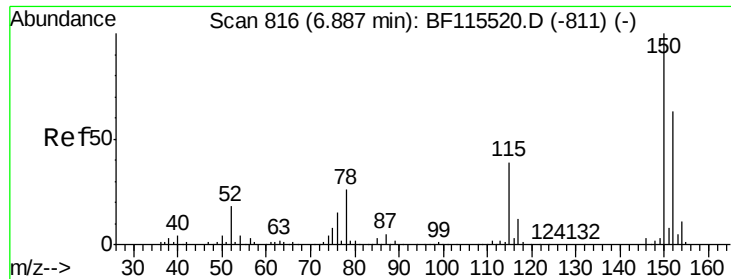
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115593.D
Acq On : 16 Jul 2019 13:06
Operator : HP/JU
Sample : PB121412BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 16 15:30:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
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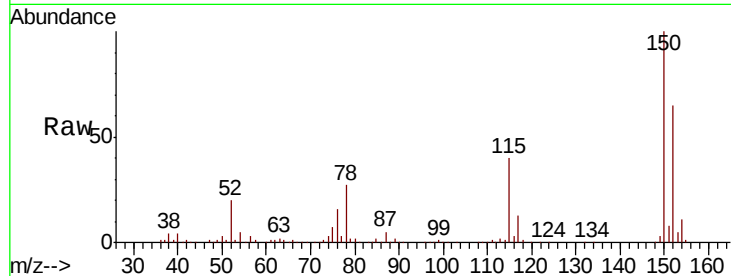


#1

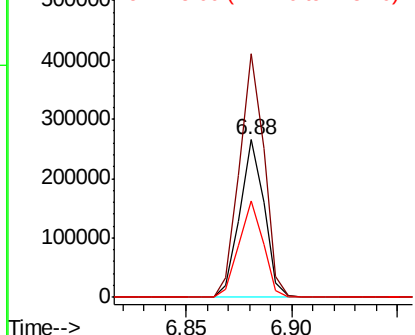
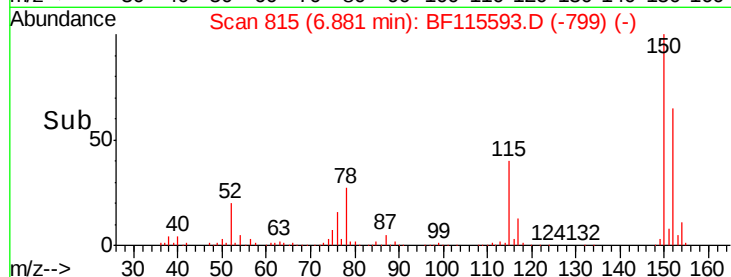
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115593.D
Acq: 16 Jul 2019 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 211735
Ion Ratio Lower Upper
152 100
150 154.7 129.7 194.5
115 61.5 48.2 72.4



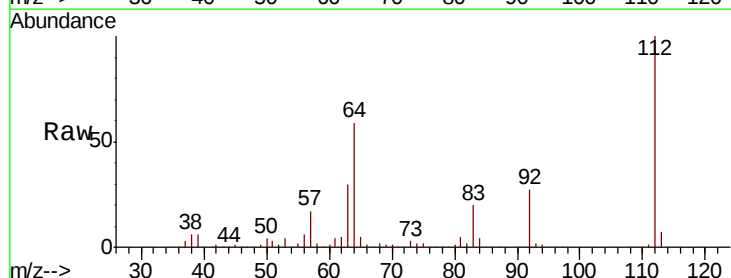
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



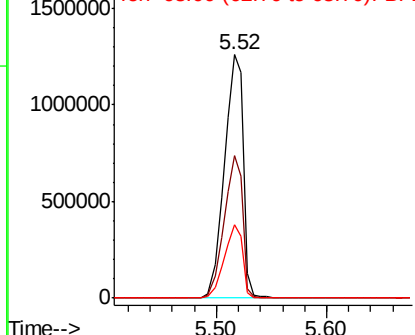
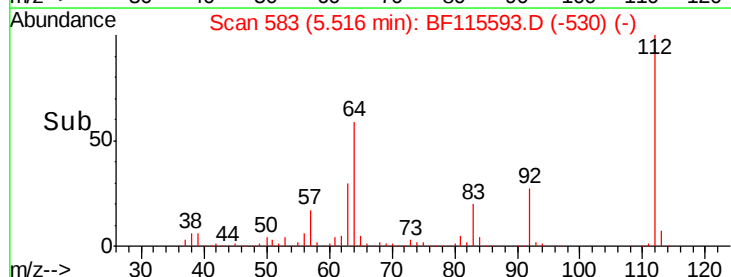
#5

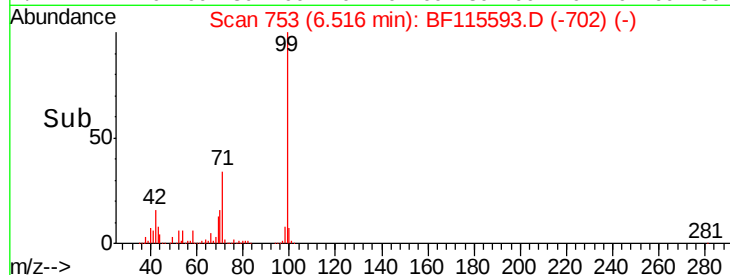
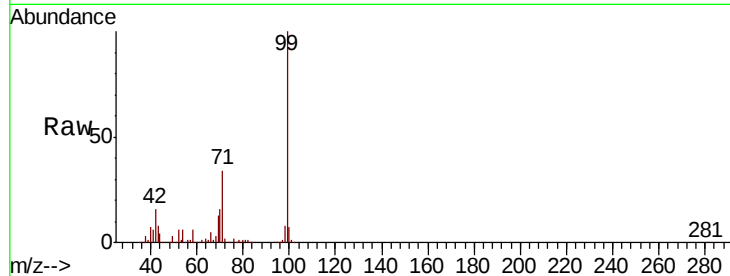
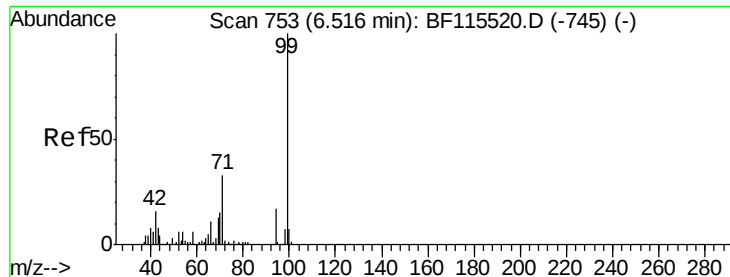
2-Fluorophenol
Concen: 116.182 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115593.D
Acq: 16 Jul 2019 13:06

Tgt Ion:112 Resp: 1503928
Ion Ratio Lower Upper
112 100
64 58.6 46.8 70.2
63 30.1 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: 121.351 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115593.D

Acq: 16 Jul 2019 13:06

Instrument :

BNA_F

ClientSampleId :

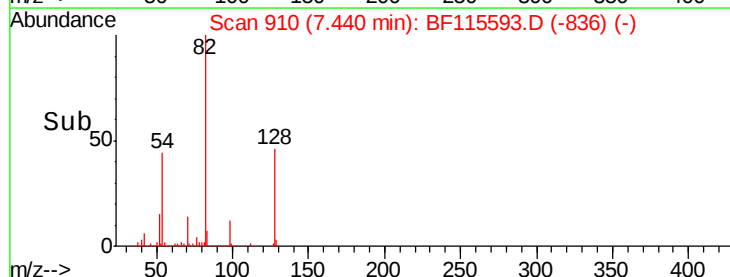
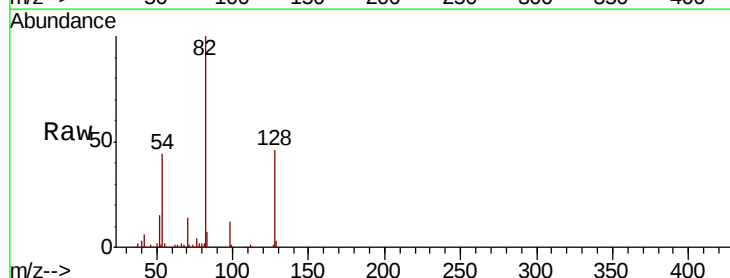
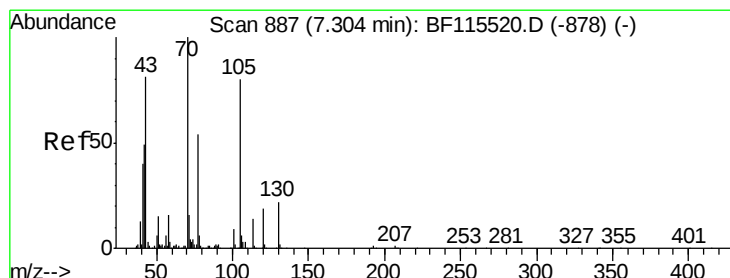
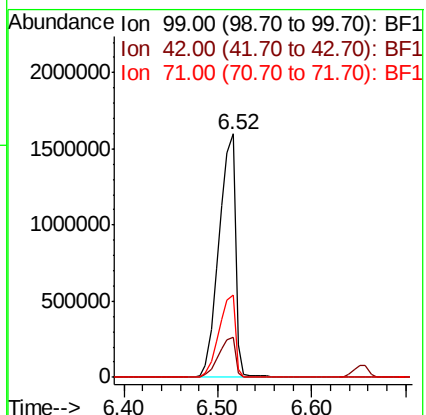
Tot Ion: 99 Resp: 1993207

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

71 34.0 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.157 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115593.D

Acq: 16 Jul 2019 13:06

Tgt Ion: 70 Resp: 173075

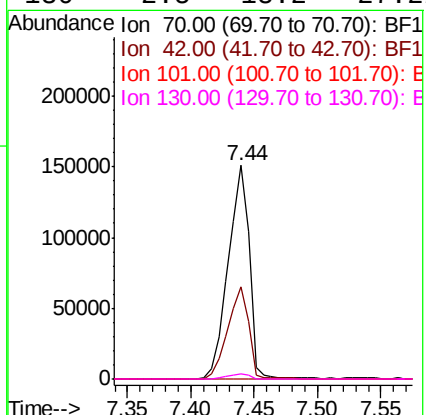
Ion Ratio Lower Upper

70 100

42 43.3 39.6 59.4

101 0.0 8.1 12.1#

130 2.5 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: BF115593.D

Acq: 16 Jul 2019 13:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 837303

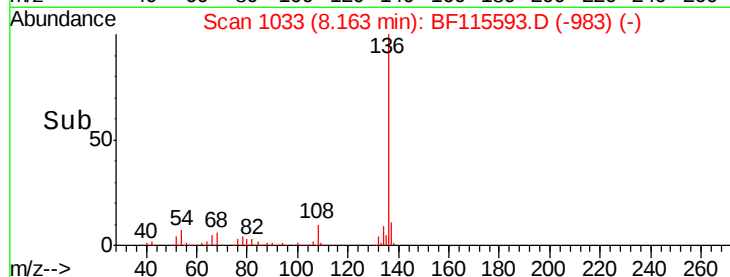
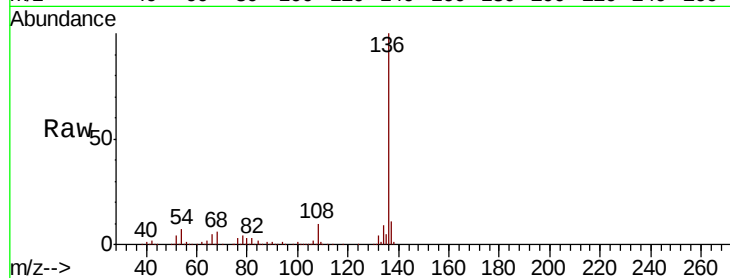
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.6 5.6 8.4

68 6.1 5.0 7.6

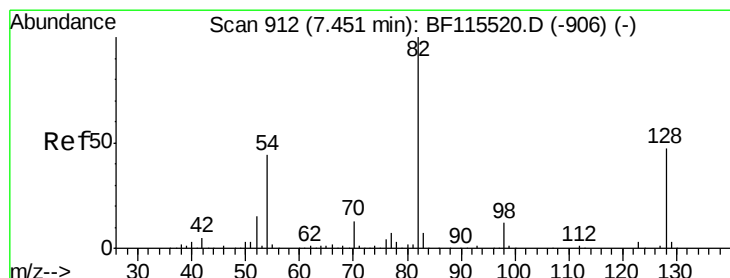
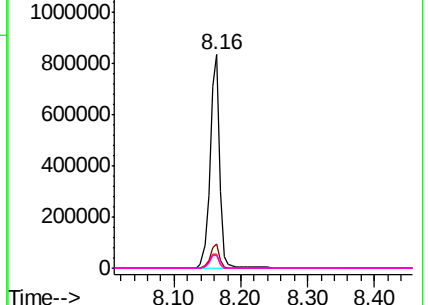


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.899 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115593.D

Acq: 16 Jul 2019 13:06

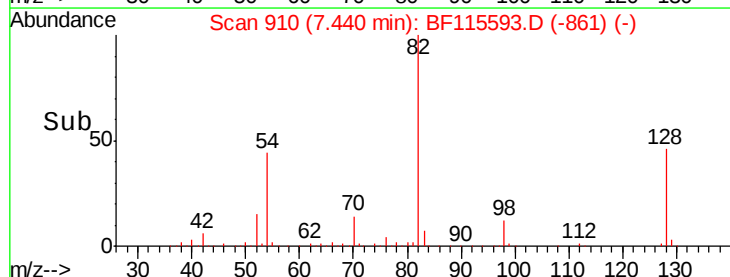
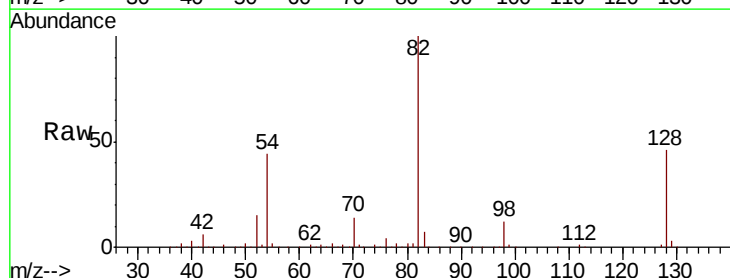
Tgt Ion: 82 Resp: 1294526

Ion Ratio Lower Upper

82 100

128 45.5 38.6 57.8

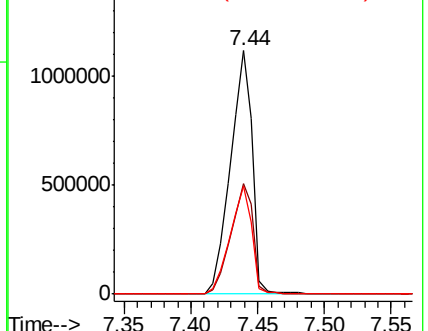
54 44.5 35.6 53.4



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: 43.753 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115593.D

Acq: 16 Jul 2019 13:06

Instrument :

BNA_F

ClientSampleId :

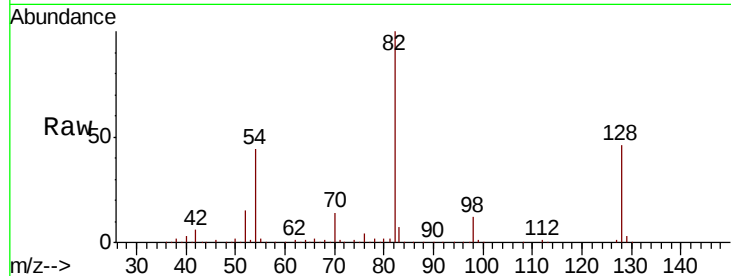
Tot Ion: 82 Resp: 1260706

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

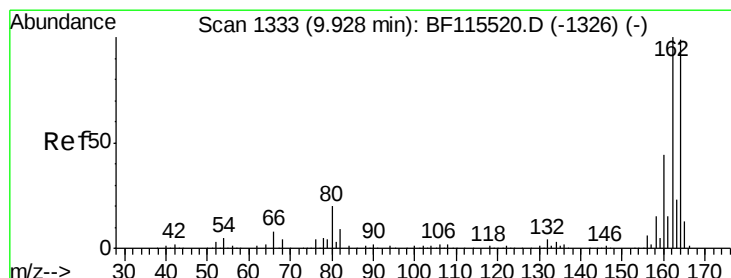
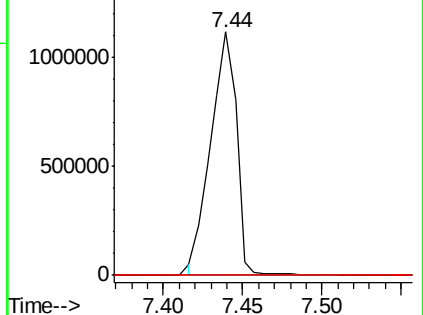
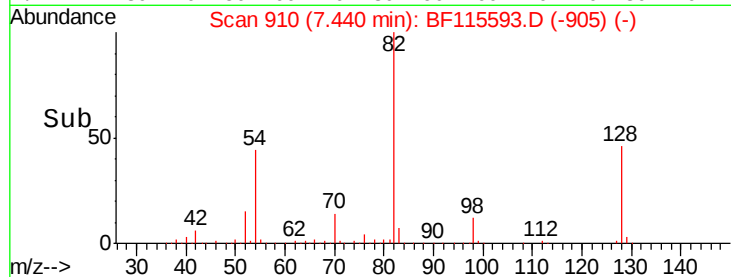
138 0.0 14.9 22.3#



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: BF115593.D

Acq: 16 Jul 2019 13:06

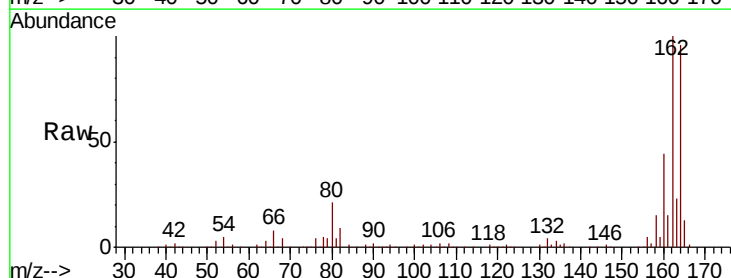
Tgt Ion:164 Resp: 358963

Ion Ratio Lower Upper

164 100

162 103.7 82.9 124.3

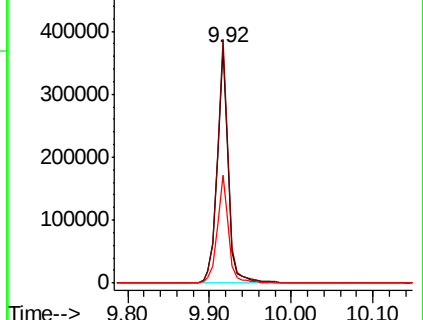
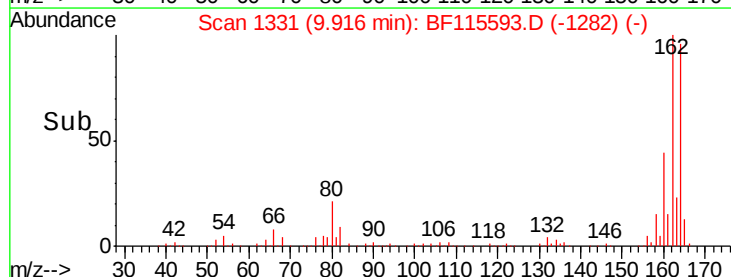
160 46.0 36.8 55.2

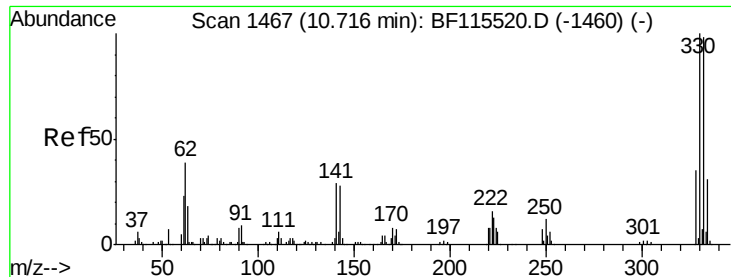


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

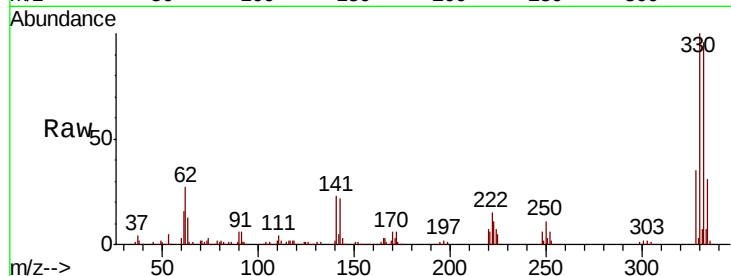




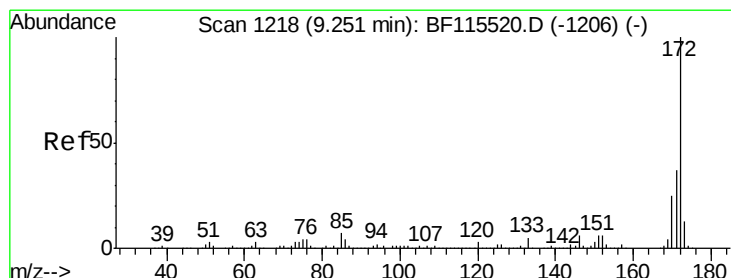
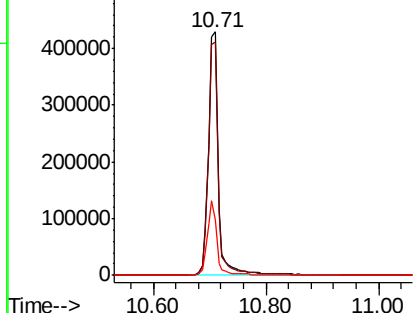
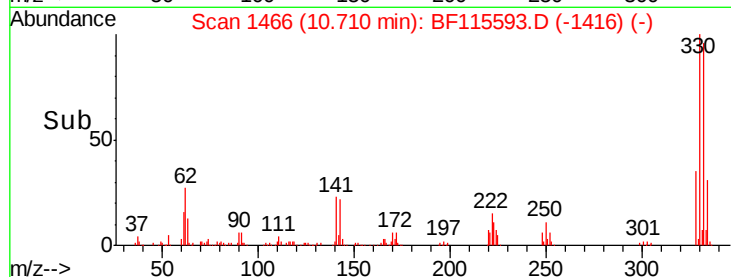
#42
 2,4,6-Tribromophenol
 Concen: 125.987 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115593.D
 Acq: 16 Jul 2019 13:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 527881
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.2
 141 30.0 22.4 33.6

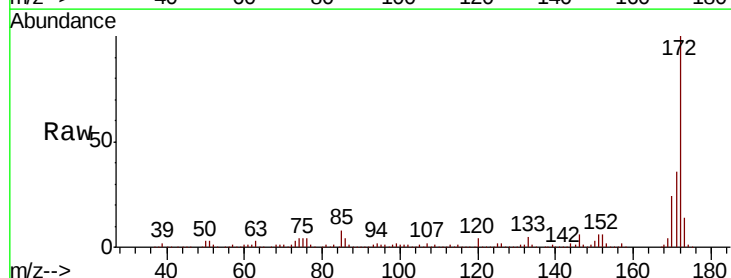


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

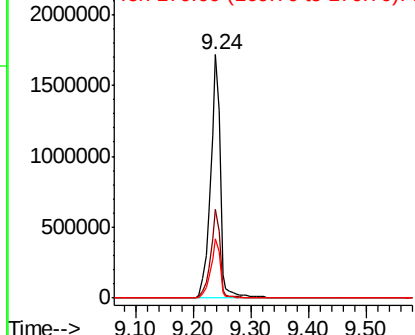
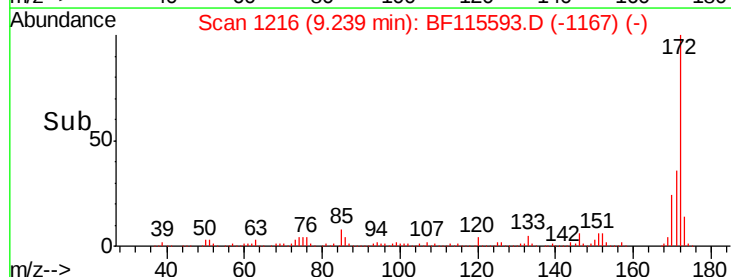


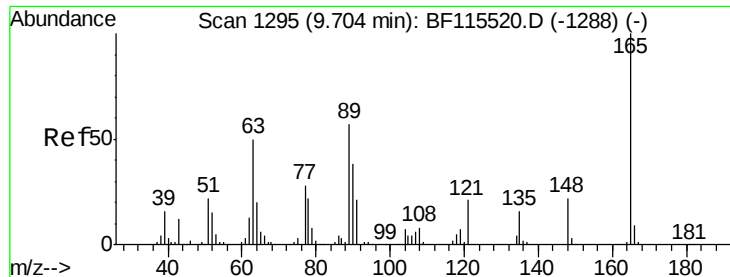
#45
 2-Fluorobiphenyl
 Concen: 99.652 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115593.D
 Acq: 16 Jul 2019 13:06

Tgt Ion:172 Resp: 2043747
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.6 46.0
 170 24.4 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

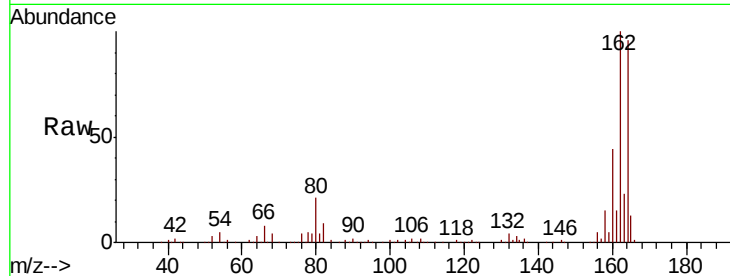




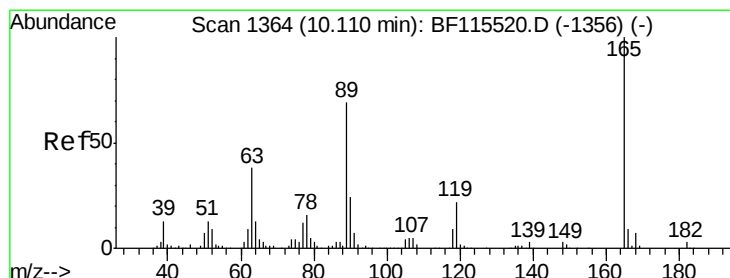
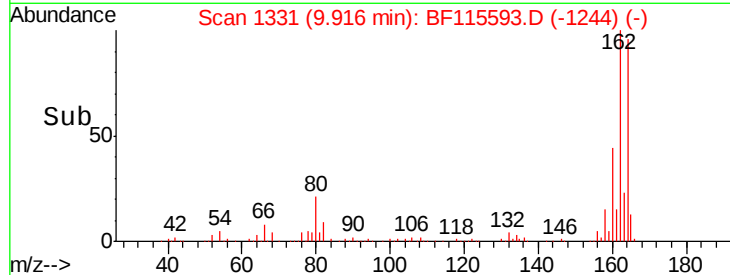
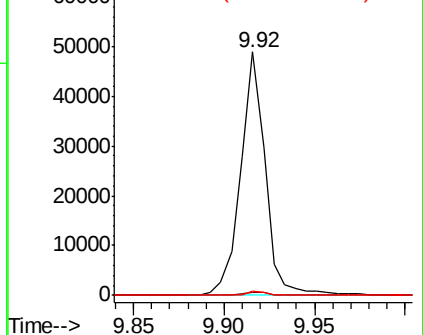
#51
 2,6-Dinitrotoluene
 Concen: 7.528 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115593.D
 Acq: 16 Jul 2019 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.6	61.0#
89	1.7	43.9	65.9#



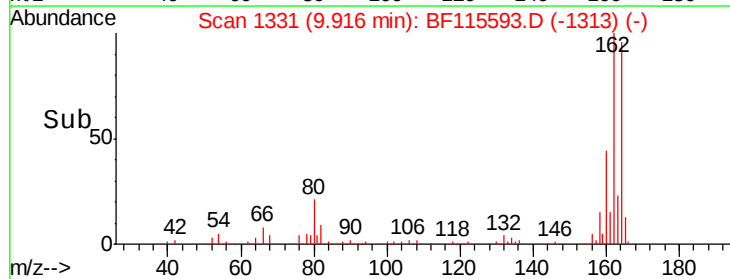
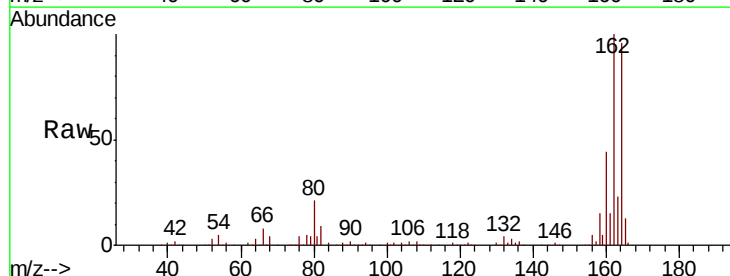
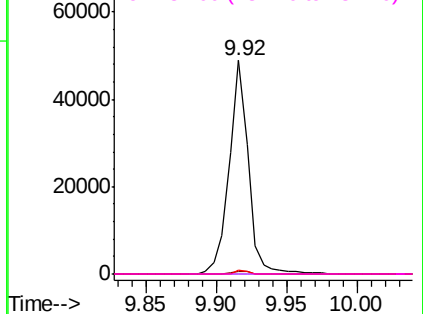
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

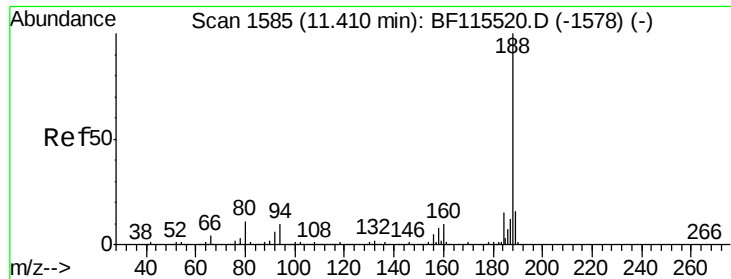


#57
 2,4-Dinitrotoluene
 Concen: 5.840 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115593.D
 Acq: 16 Jul 2019 13:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.9	52.3#
89	1.7	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

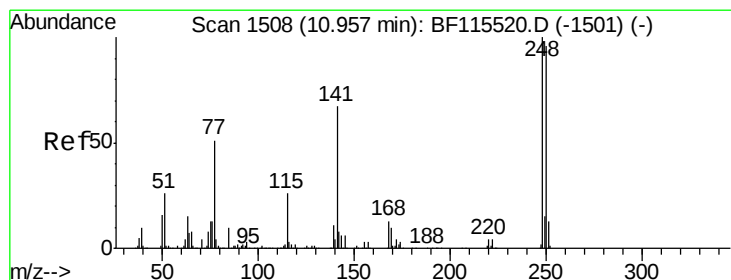
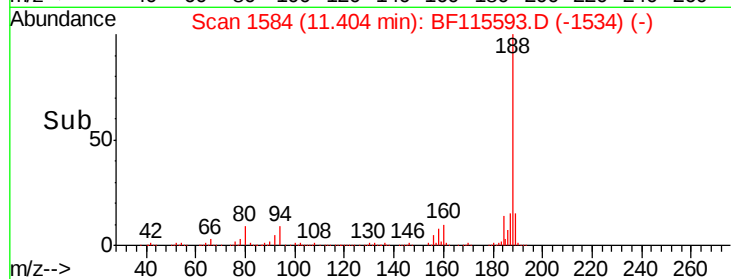
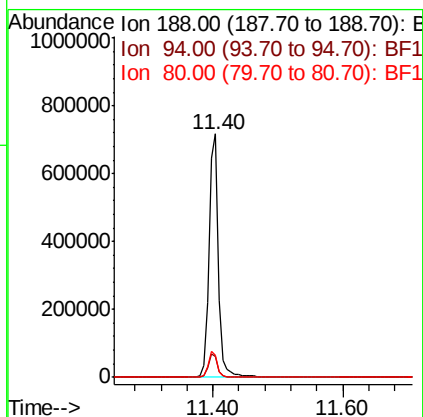
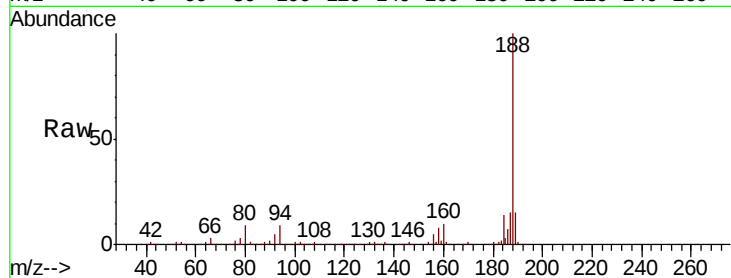




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF115593.D
 Acq: 16 Jul 2019 13:06

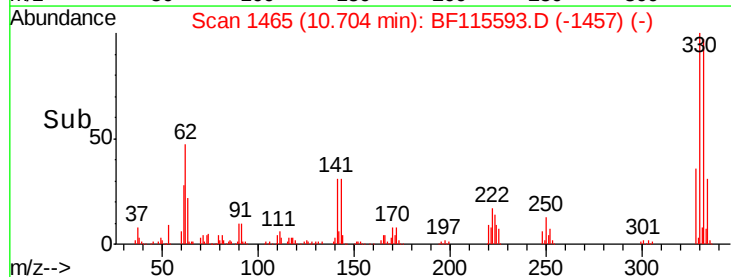
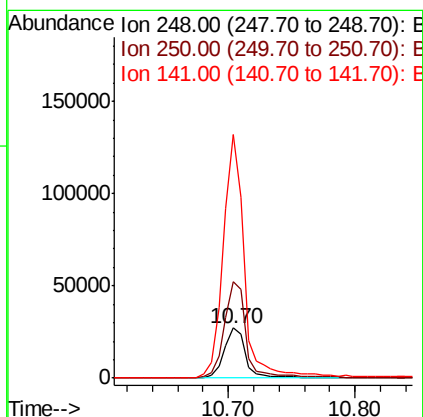
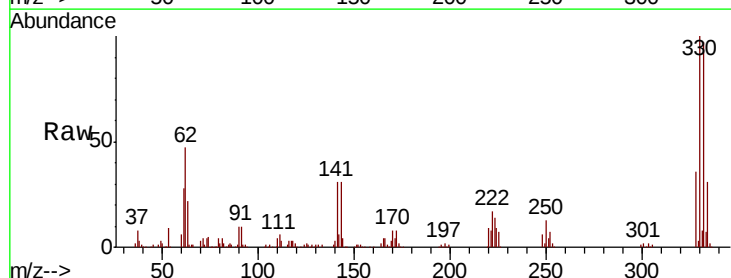
Instrument :
 BNA_F
 ClientSampled :

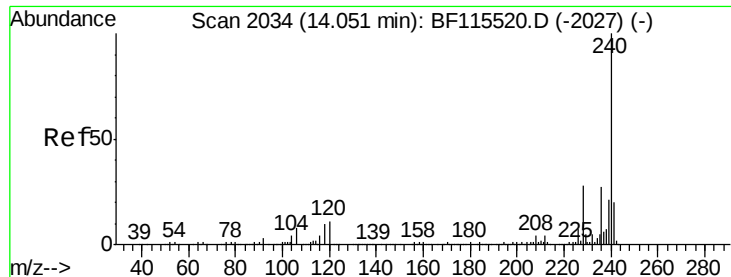
Tot Ion:188 Resp: 708674
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.8 11.6
 80 9.3 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 3.954 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF115593.D
 Acq: 16 Jul 2019 13:06

Tgt Ion:248 Resp: 32025
 Ion Ratio Lower Upper
 248 100
 250 193.8 78.0 117.0#
 141 486.6 57.7 86.5#

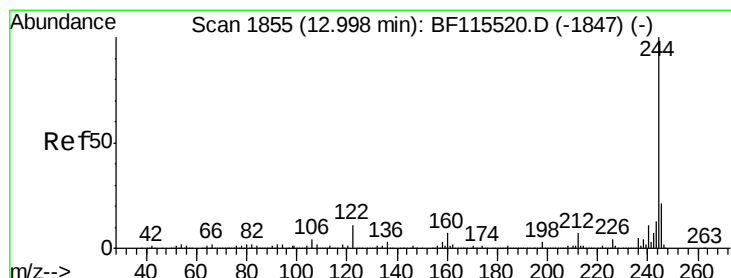
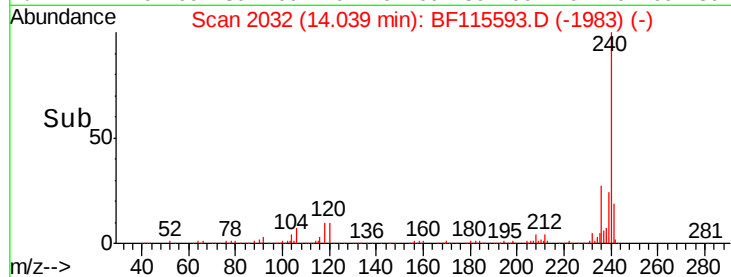
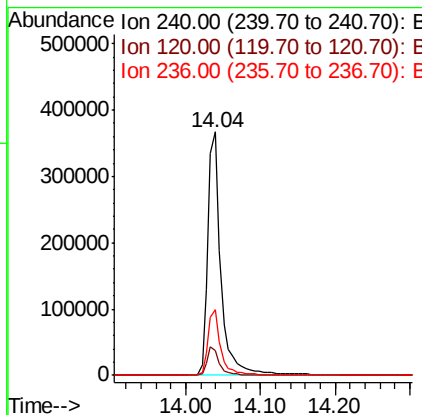
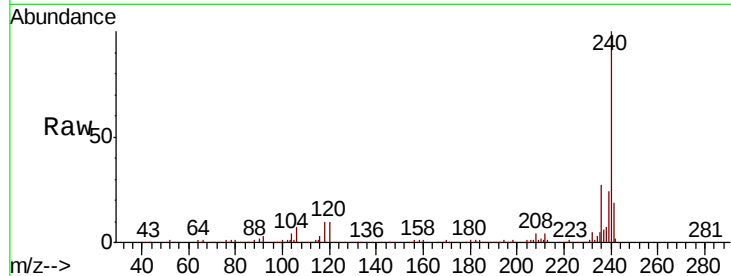




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115593.D
 Acq: 16 Jul 2019 13:06

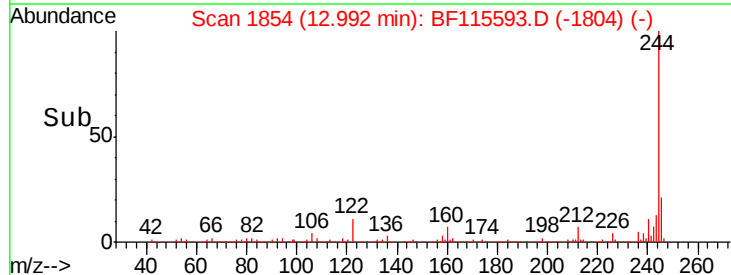
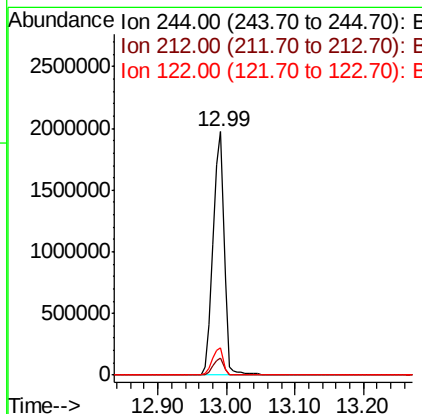
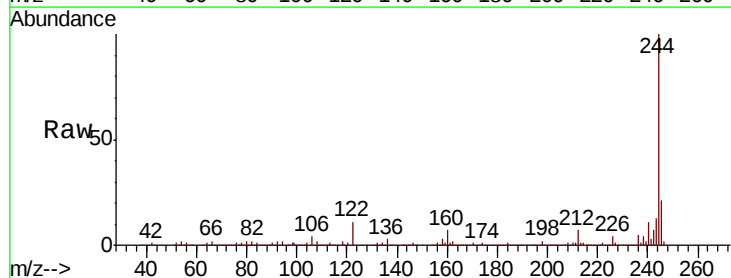
Instrument :
 BNA_F
 ClientSampleId :

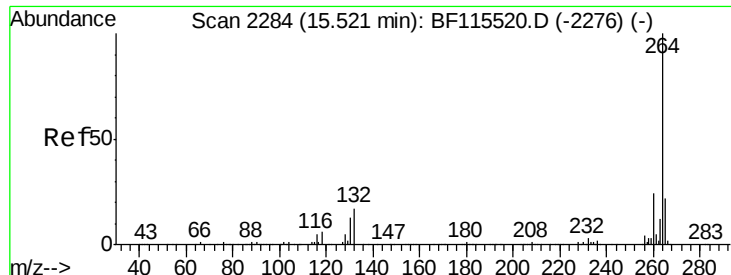
Tot Ion:240 Resp: 452987
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.6 13.0
 236 26.7 21.3 31.9



#79
 Terphenyl-d14
 Concen: 90.042 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115593.D
 Acq: 16 Jul 2019 13:06

Tgt Ion:244 Resp: 2210514
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 11.1 8.6 12.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115593.D
Acq: 16 Jul 2019 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 379401

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.8	29.8
265	21.9	17.7	26.5

