

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115683.D
 Acq On : 19 Jul 2019 20:28
 Operator : HP/JU
 Sample : K3868-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 01:41:19 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

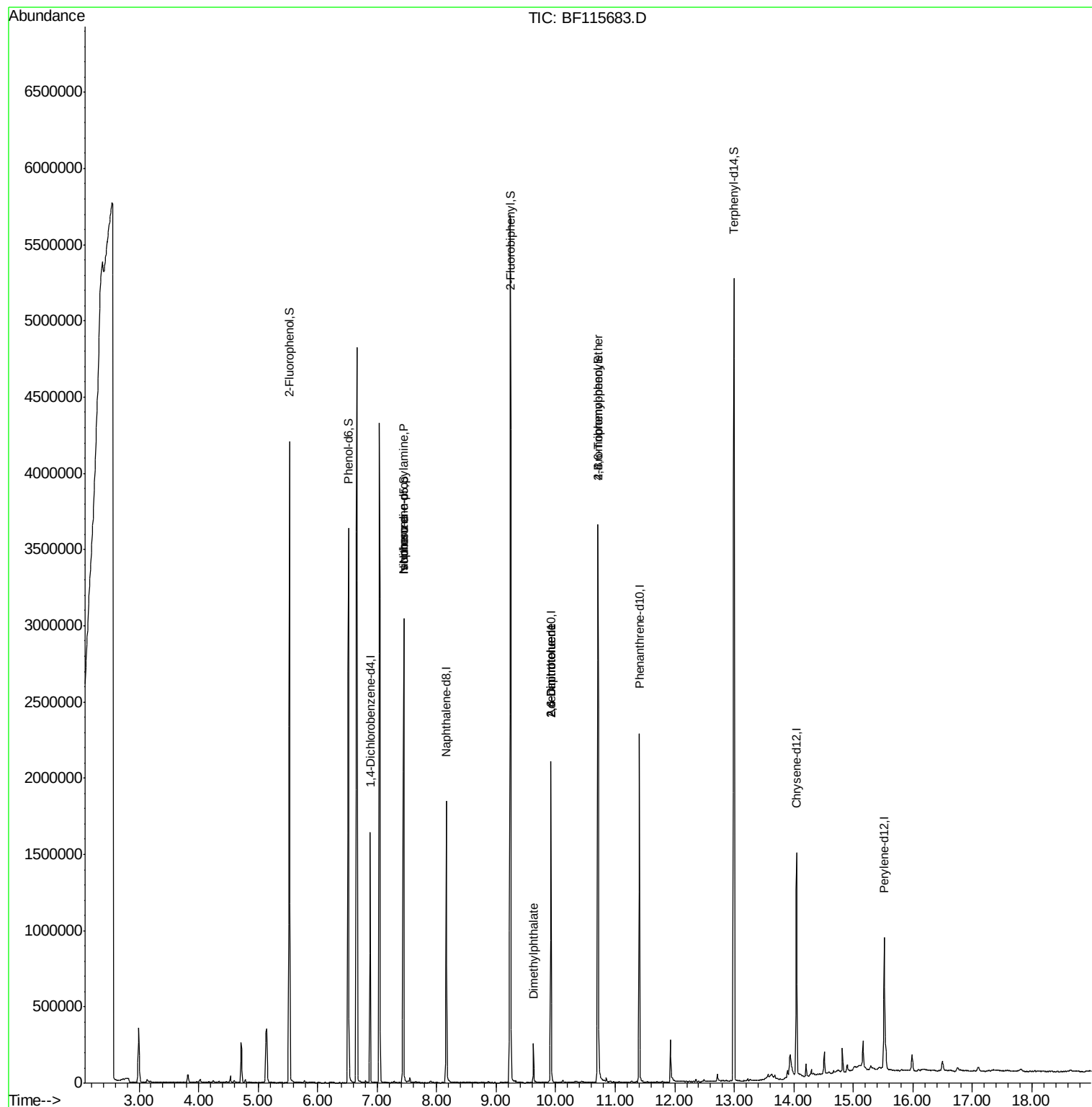
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	219678	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	881407	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	445924	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	791754	20.00	ng	0.00
76) Chrysene-d12	14.05	240	463212	20.00	ng	0.00
87) Perylene-d12	15.52	264	400556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1339451	99.73	ng	0.02
7) Phenol-d6	6.52	99	1626529	95.45	ng	0.00
23) Nitrobenzene-d5	7.45	82	1274373	84.07	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	567399	109.01	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2186774	85.83	ng	-0.01
79) Terphenyl-d14	12.99	244	2152501	85.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	170588	15.349	ng	# 78
25) Isophorone	7.45	82	1255283	41.385	ng	# 64
50) Dimethylphthalate	9.63	163	102920	3.068	ng	# 99
51) 2,6-Dinitrotoluene	9.92	165	57214	7.504	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	57214	5.792	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	33935	3.751	ng	# 1

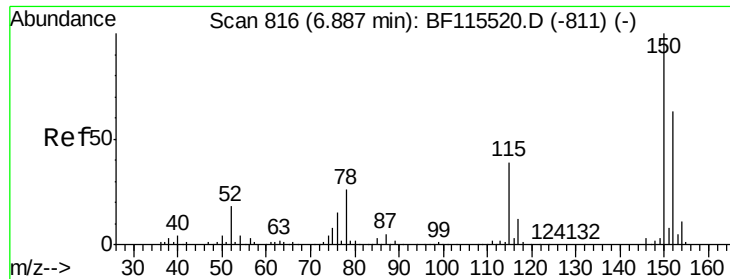
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



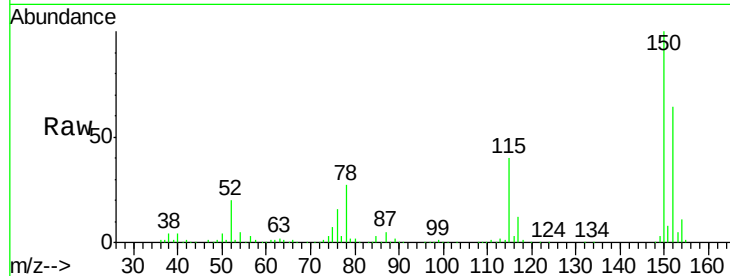


#1

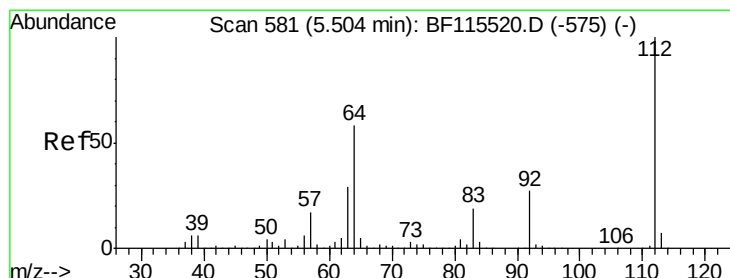
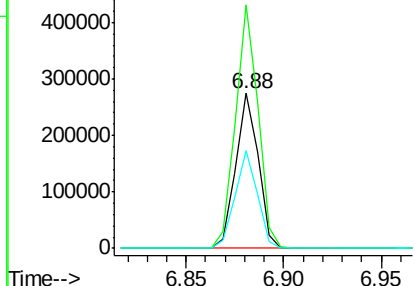
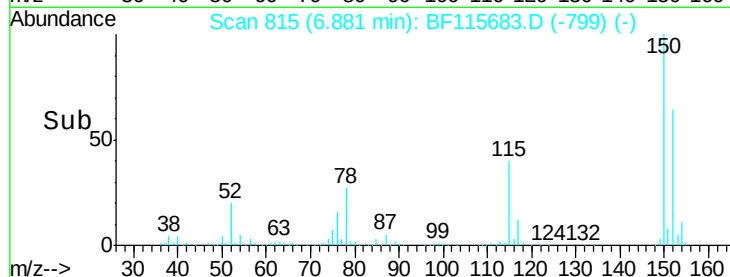
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115683.D
Acq: 19 Jul 2019 20:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 219678
Ion Ratio Lower Upper
152 100
150 156.9 129.7 194.5
115 63.1 48.2 72.4



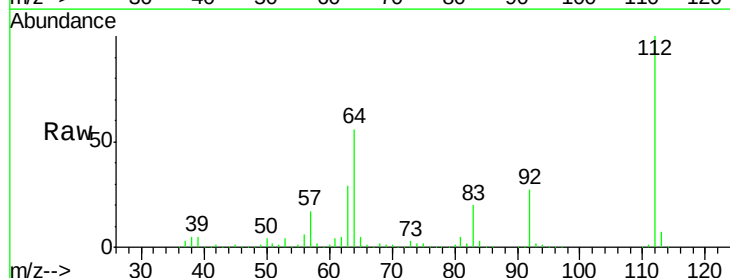
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



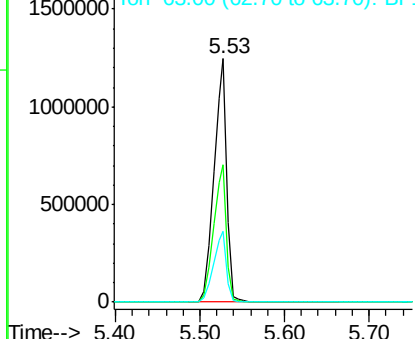
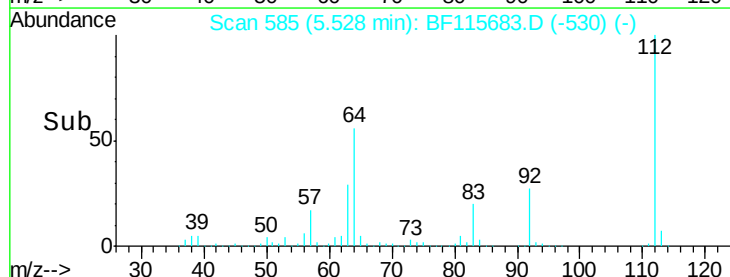
#5

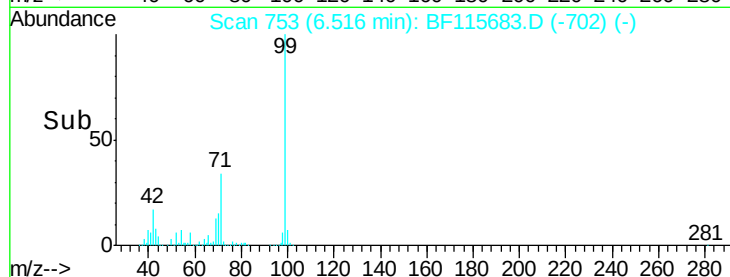
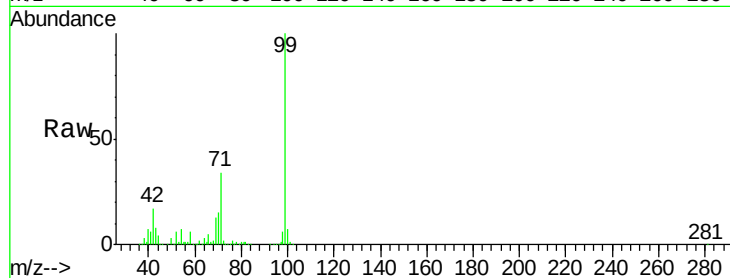
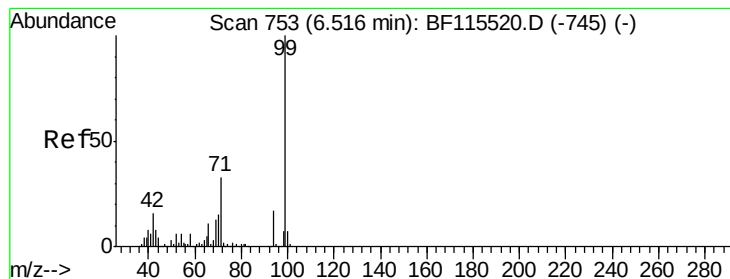
2-Fluorophenol
Concen: 99.735 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF115683.D
Acq: 19 Jul 2019 20:28

Tgt Ion:112 Resp: 1339451
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 28.9 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: 95.446 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115683.D

Acq: 19 Jul 2019 20:28

Instrument :

BNA_F

ClientSampleId :

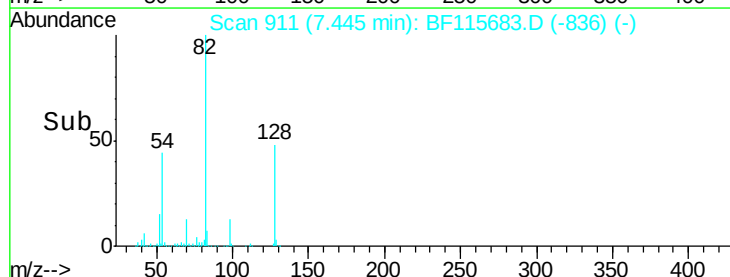
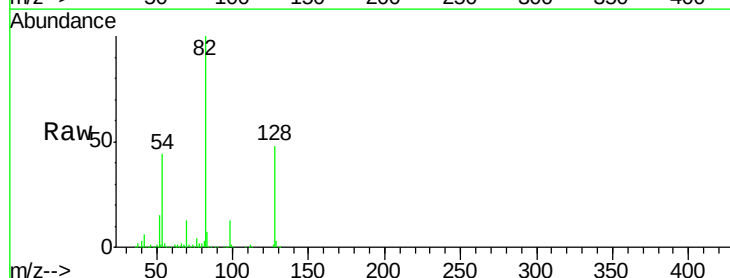
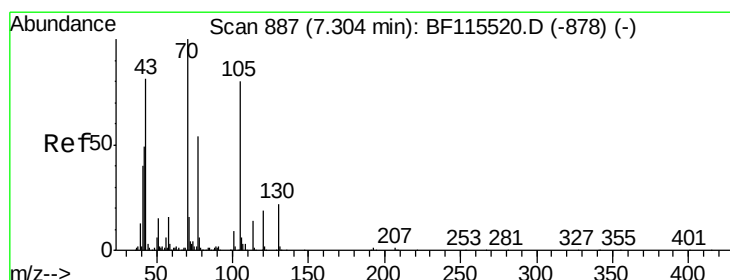
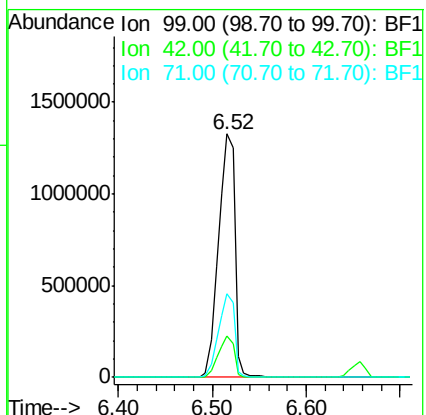
Tot Ion: 99 Resp: 1626529

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

71 34.5 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.349 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF115683.D

Acq: 19 Jul 2019 20:28

Tgt Ion: 70 Resp: 170588

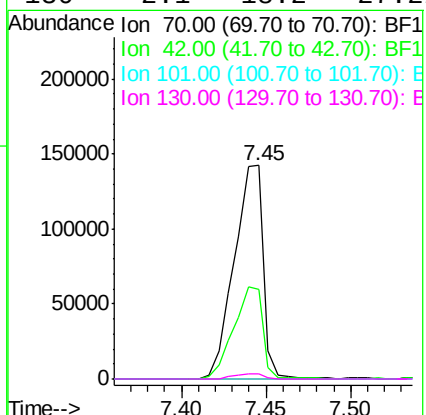
Ion Ratio Lower Upper

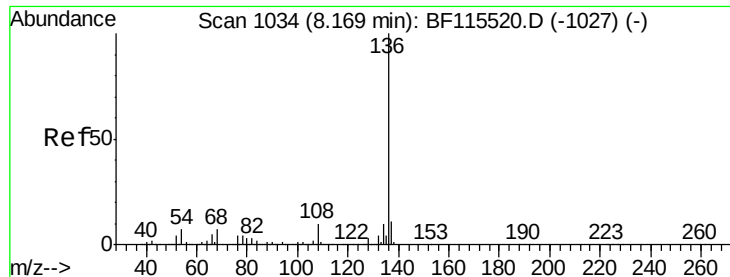
70 100

42 41.9 39.6 59.4

101 0.0 8.1 12.1#

130 2.1 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: BF115683.D

Acq: 19 Jul 2019 20:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 881407

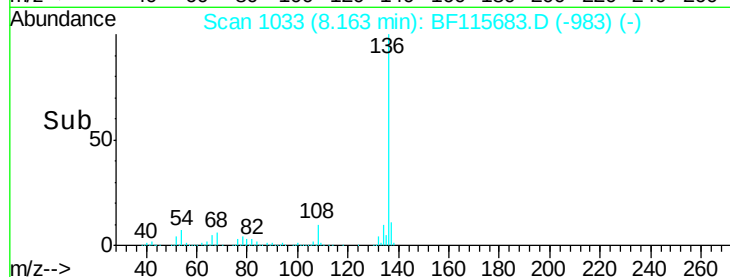
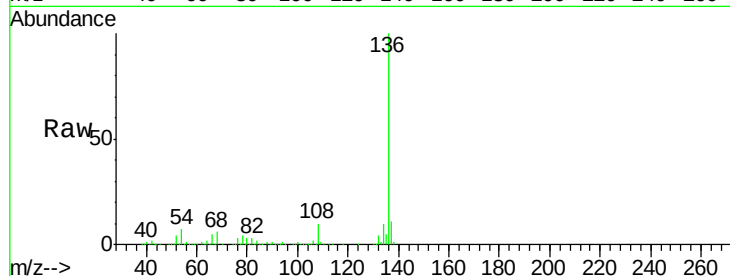
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.9 5.6 8.4

68 6.5 5.0 7.6

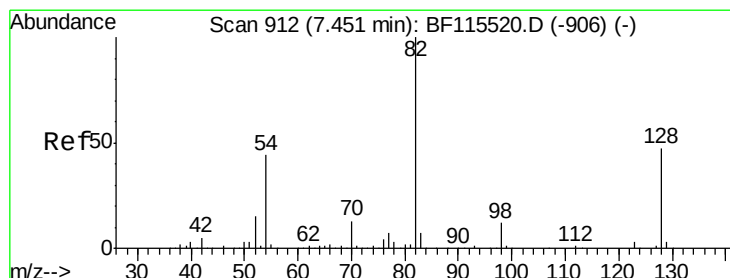
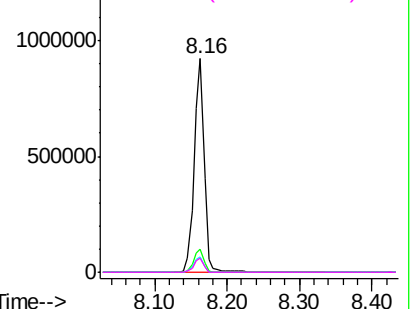


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.071 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115683.D

Acq: 19 Jul 2019 20:28

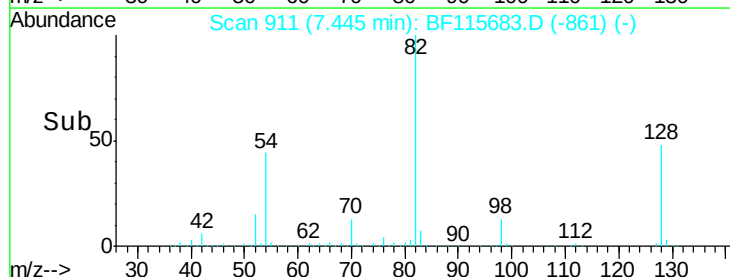
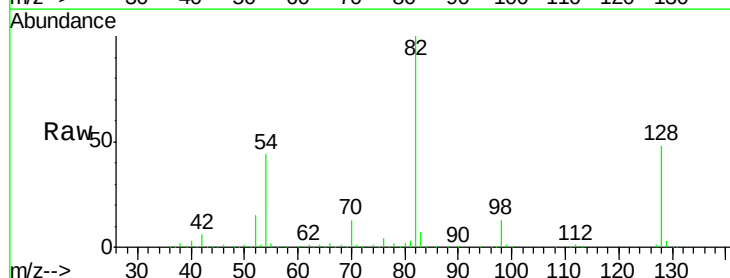
Tgt Ion: 82 Resp: 1274373

Ion Ratio Lower Upper

82 100

128 48.2 38.6 57.8

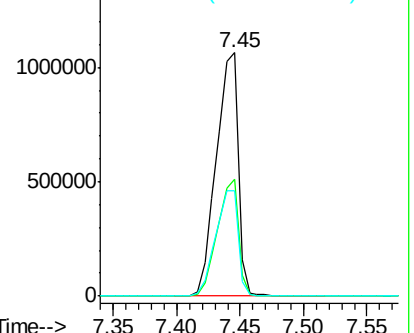
54 43.5 35.6 53.4

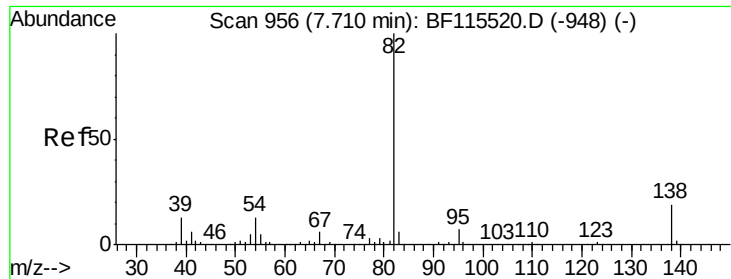


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.385 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF115683.D

Acq: 19 Jul 2019 20:28

Instrument :

BNA_F

ClientSampled :

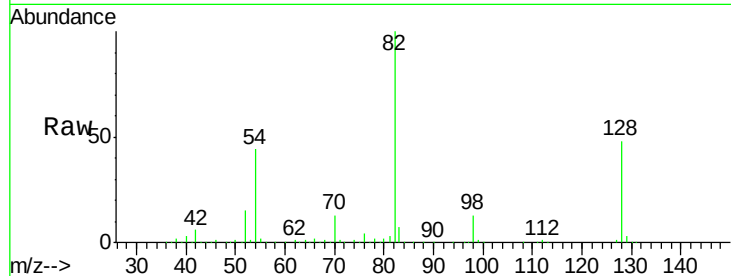
Tot Ion: 82 Resp: 1255283

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

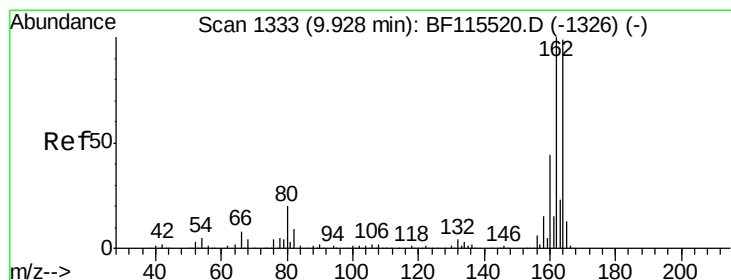
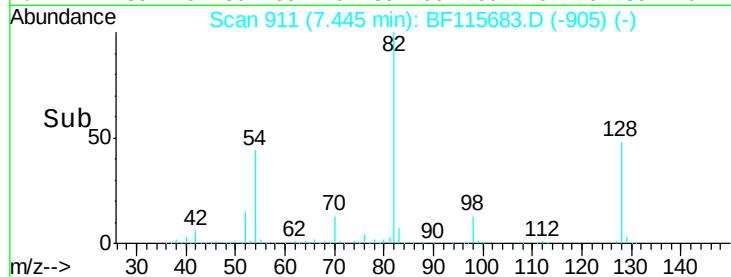
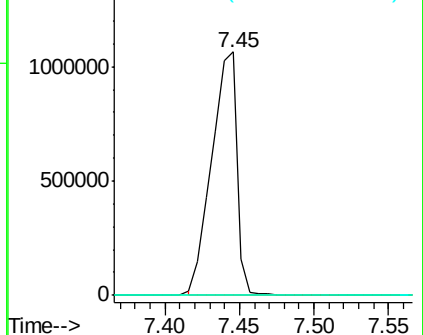
138 0.0 14.9 22.3#



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: BF115683.D

Acq: 19 Jul 2019 20:28

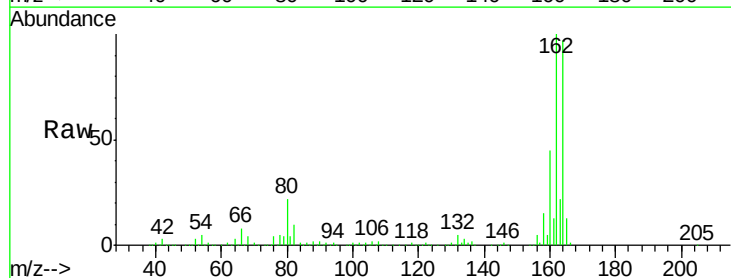
Tgt Ion: 164 Resp: 445924

Ion Ratio Lower Upper

164 100

162 103.2 82.9 124.3

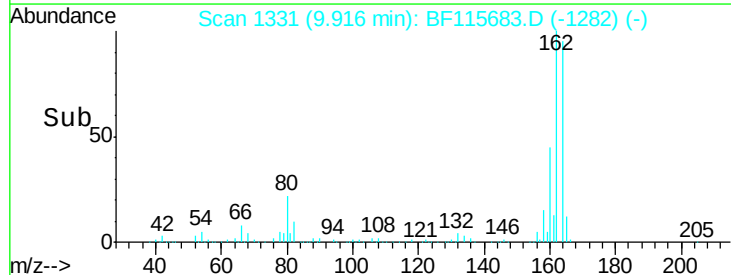
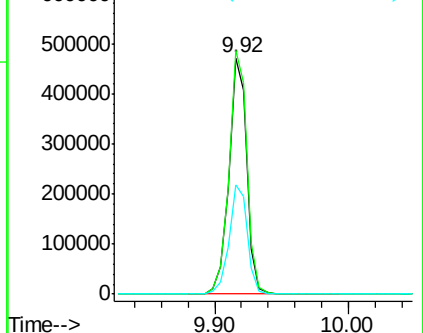
160 46.4 36.8 55.2

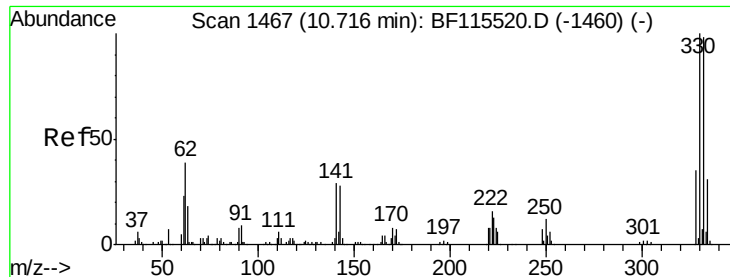


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 109.010 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115683.D

Acq: 19 Jul 2019 20:28

Instrument :

BNA_F

ClientSampleId :

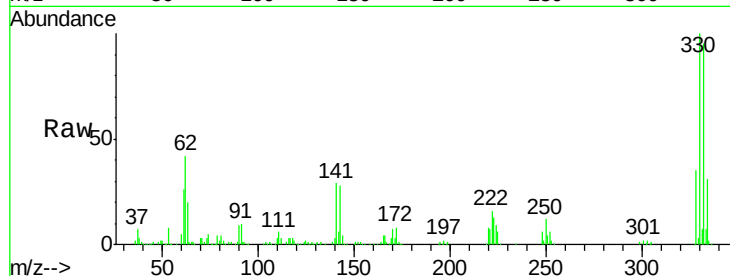
Tot Ion:330 Resp: 567399

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

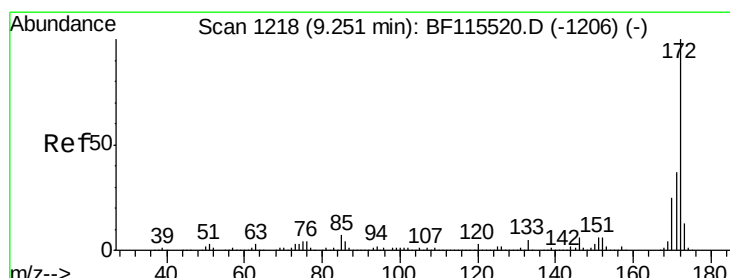
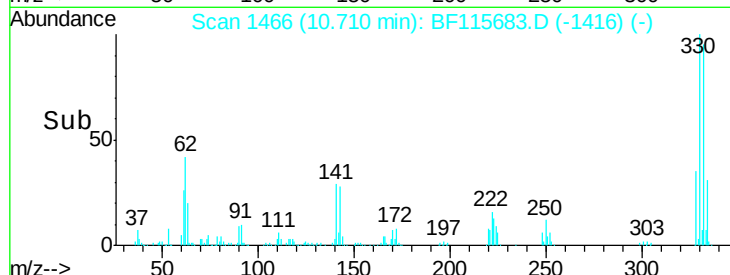
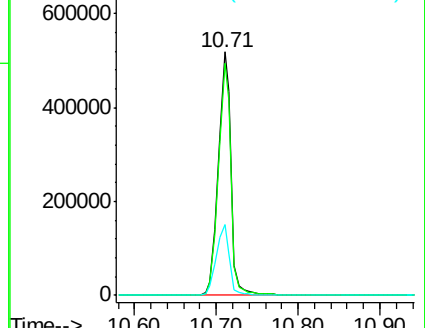
141 30.2 22.4 33.6



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: 85.832 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115683.D

Acq: 19 Jul 2019 20:28

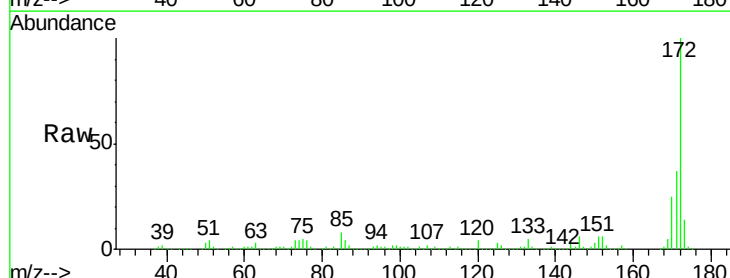
Tgt Ion:172 Resp: 2186774

Ion Ratio Lower Upper

172 100

171 37.2 30.6 46.0

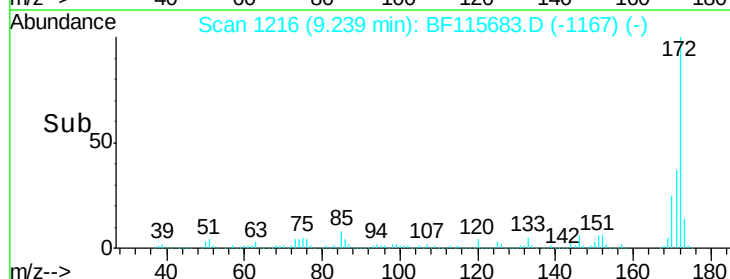
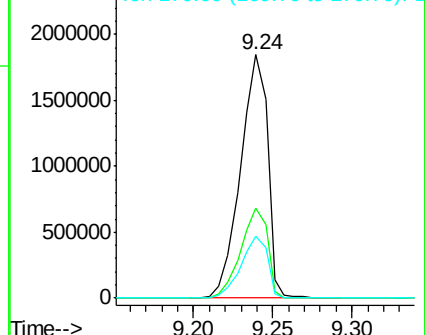
170 25.4 20.5 30.7

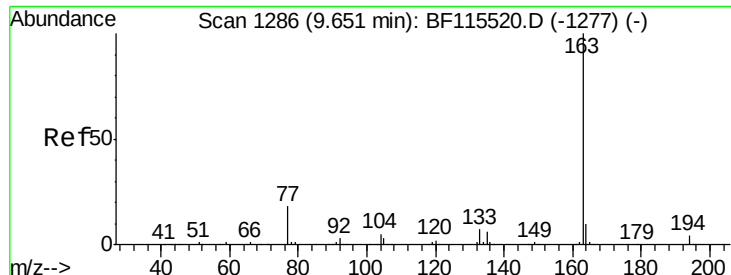


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

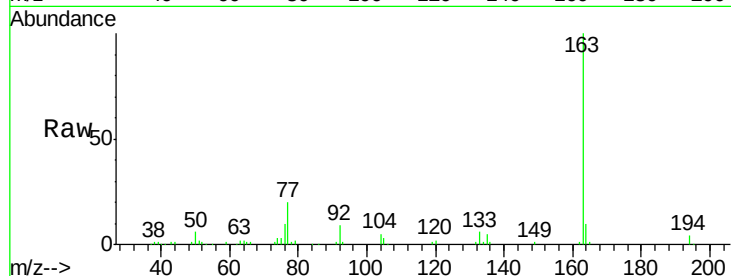




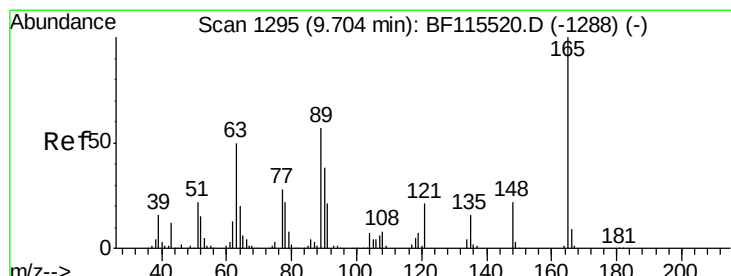
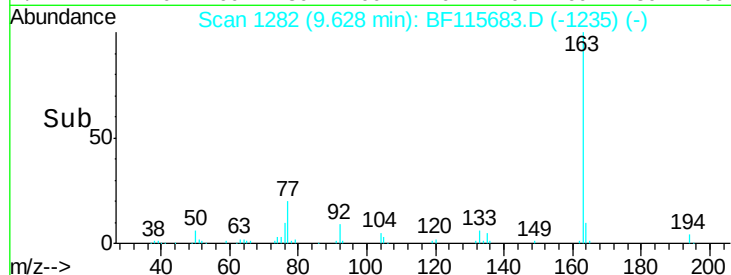
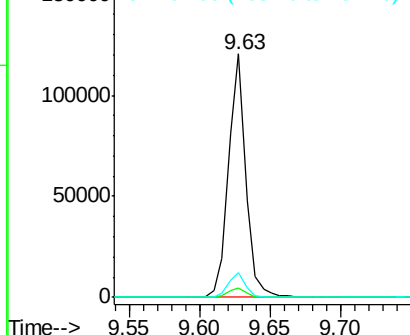
#50
Dimethylphthalate
Concen: 3.068 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115683.D
Acq: 19 Jul 2019 20:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.7	13.1

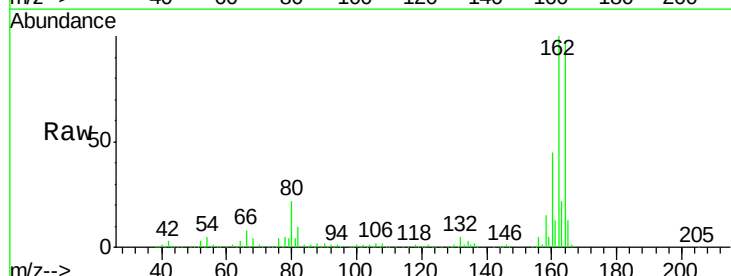


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

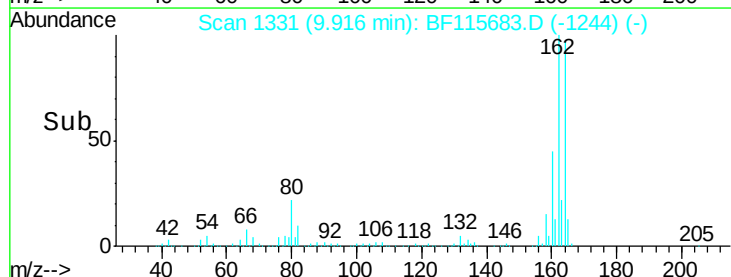
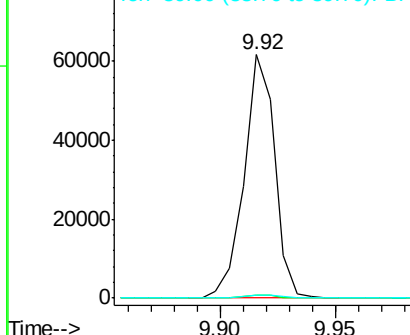


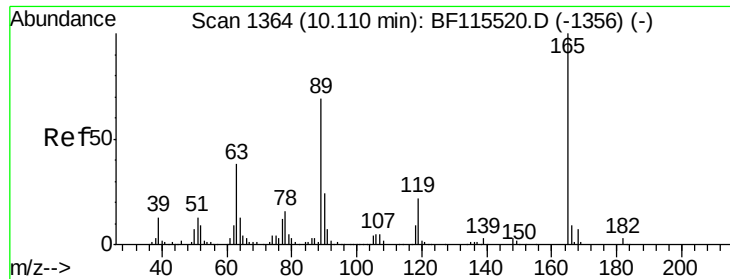
#51
2,6-Dinitrotoluene
Concen: 7.504 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF115683.D
Acq: 19 Jul 2019 20:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.6	61.0#
89	1.1	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: 5.792 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115683.D

Acq: 19 Jul 2019 20:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 57214

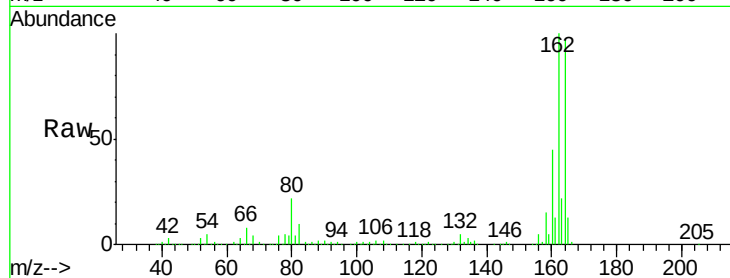
Ion Ratio Lower Upper

165 100

63 1.1 34.9 52.3#

89 1.1 57.5 86.3#

182 0.0 2.2 3.4#

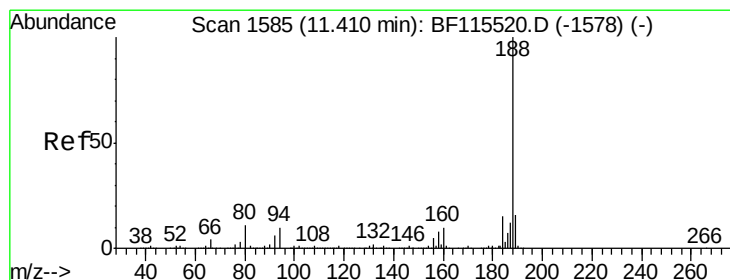
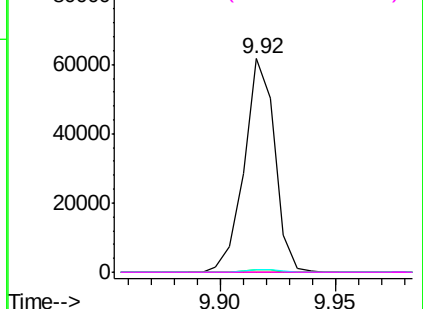
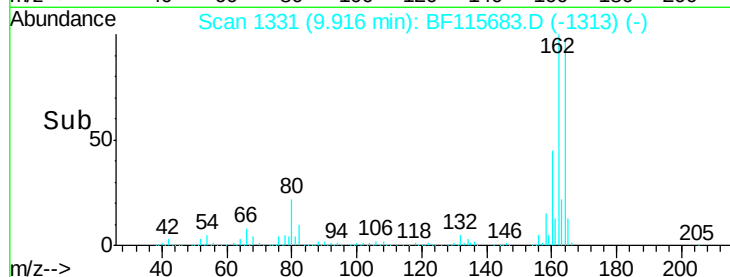


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF115683.D

Acq: 19 Jul 2019 20:28

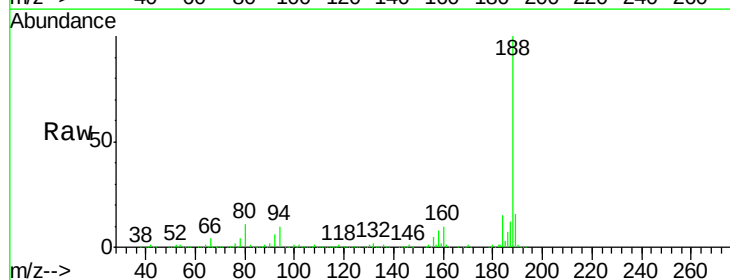
Tgt Ion:188 Resp: 791754

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

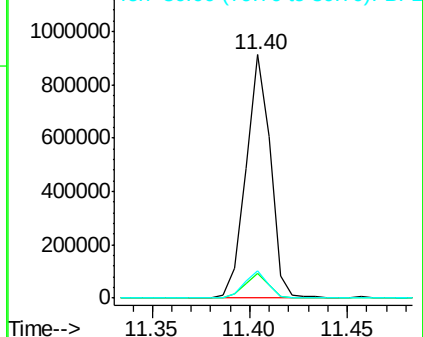
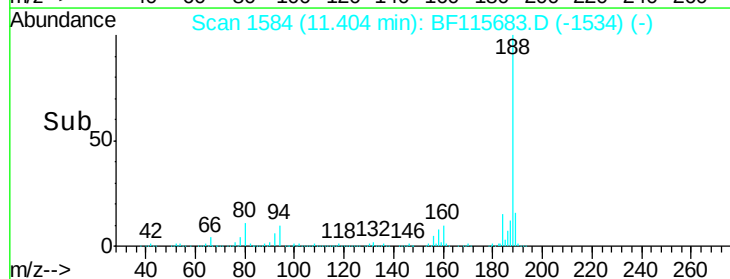
80 11.3 8.6 13.0

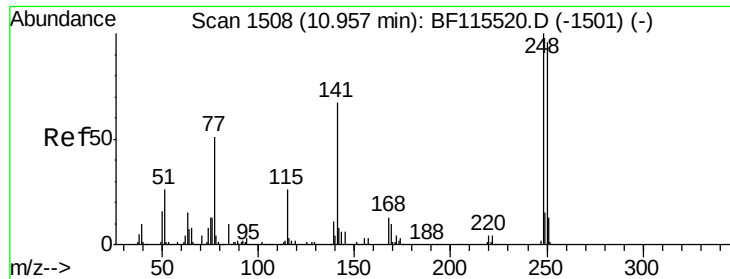


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

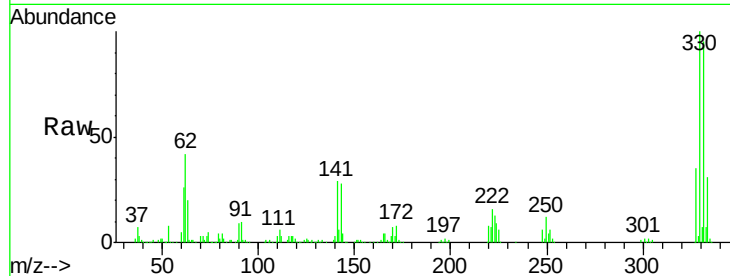




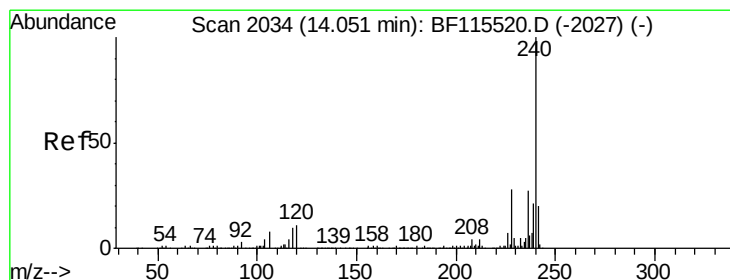
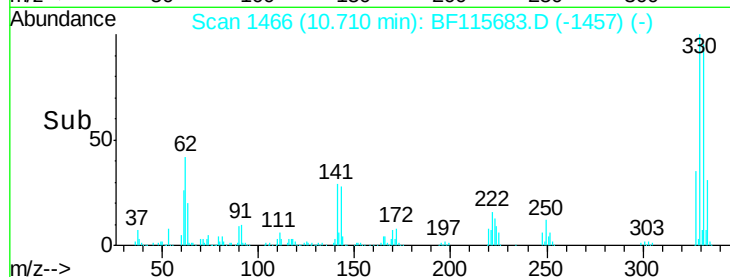
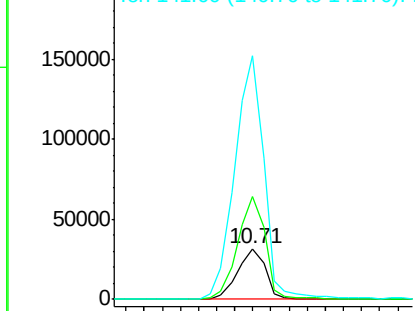
#67
4-Bromophenyl-phenylether
Concen: 3.751 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115683.D
Acq: 19 Jul 2019 20:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 33935
Ion Ratio Lower Upper
248 100
250 203.7 78.0 117.0#
141 480.7 57.7 86.5#

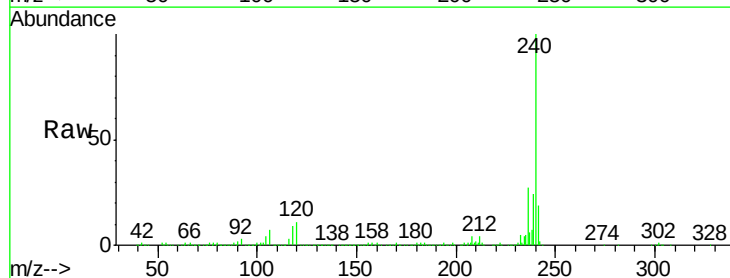


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

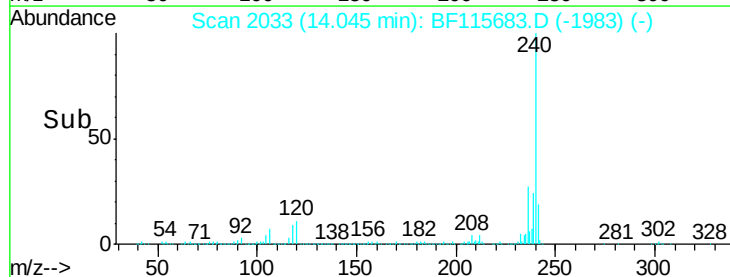
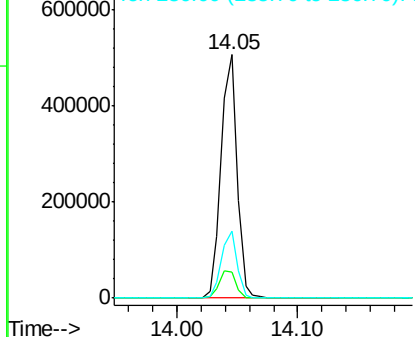


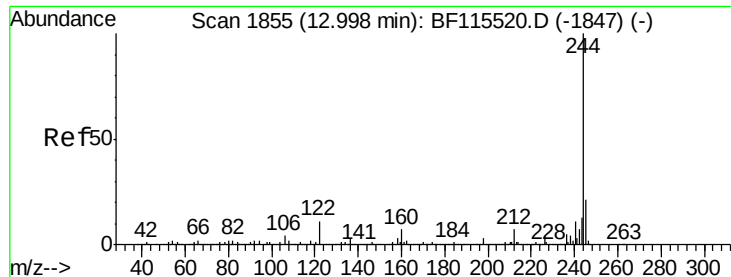
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115683.D
Acq: 19 Jul 2019 20:28

Tgt Ion:240 Resp: 463212
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 27.5 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.743 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115683.D

Acq: 19 Jul 2019 20:28

Instrument :

BNA_F

ClientSampled :

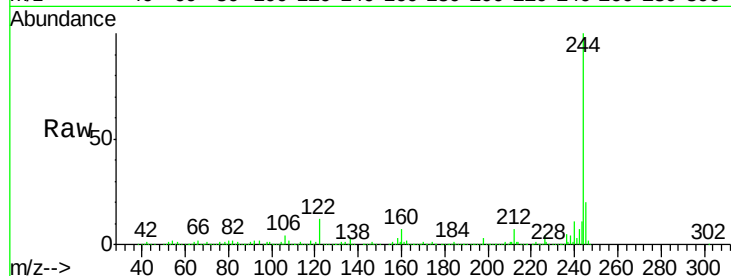
Tot Ion:244 Resp: 2152501

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

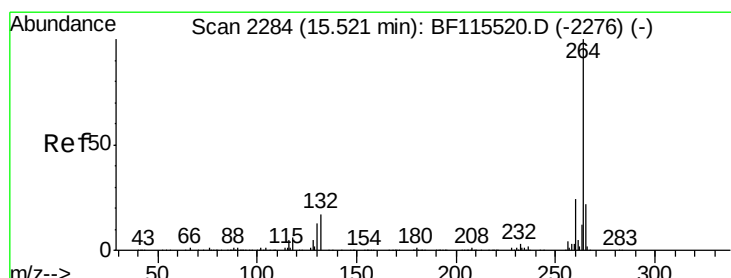
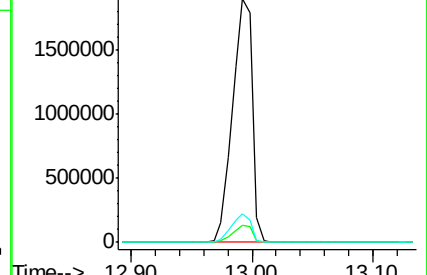
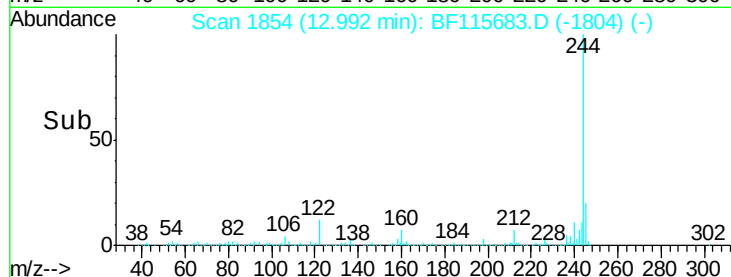
122 11.7 8.6 12.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF115683.D

Acq: 19 Jul 2019 20:28

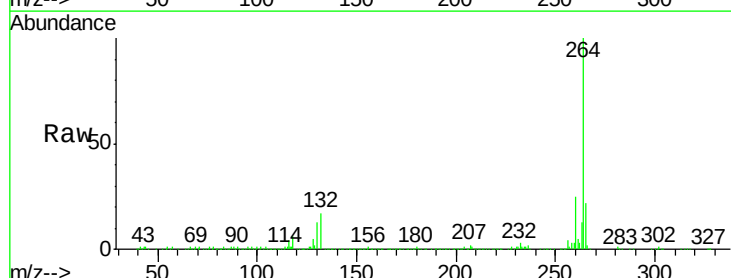
Tgt Ion:264 Resp: 400556

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

265 22.4 17.7 26.5



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

