

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115696.D
 Acq On : 20 Jul 2019 2:27
 Operator : HP/JU
 Sample : K3887-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 04:02:23 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

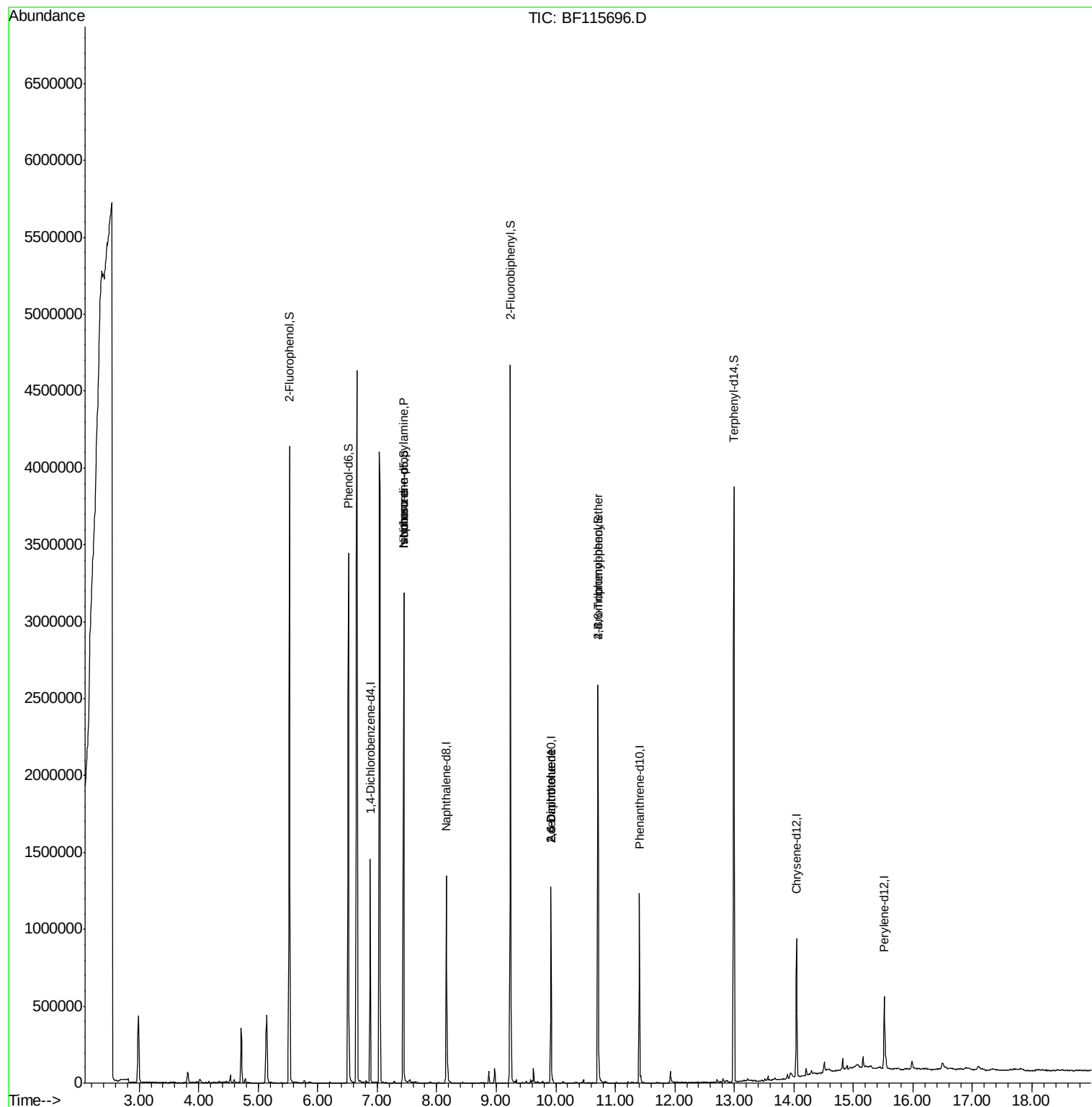
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	206165	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	624498	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	273864	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	421413	20.00	ng	0.00
76) Chrysene-d12	14.04	240	274365	20.00	ng	0.00
87) Perylene-d12	15.52	264	225390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1332848	105.75	ng	0.02
7) Phenol-d6	6.52	99	1541459	96.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	1202622	111.98	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	364687	114.08	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1681168	107.44	ng	-0.01
79) Terphenyl-d14	12.99	244	1310595	88.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	160372	15.375	ng	# 78
25) Isophorone	7.45	82	1187143	55.239	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	35955	7.679	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	35955	5.927	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	21824	4.532	ng	# 1

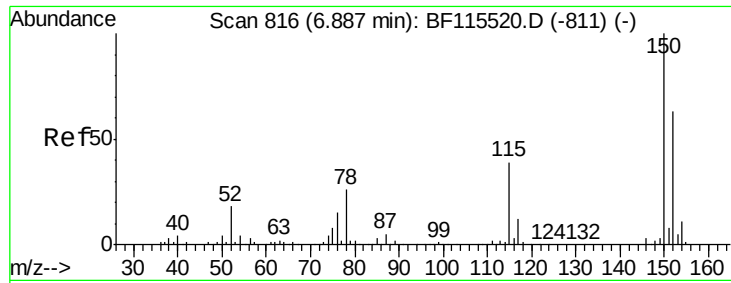
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



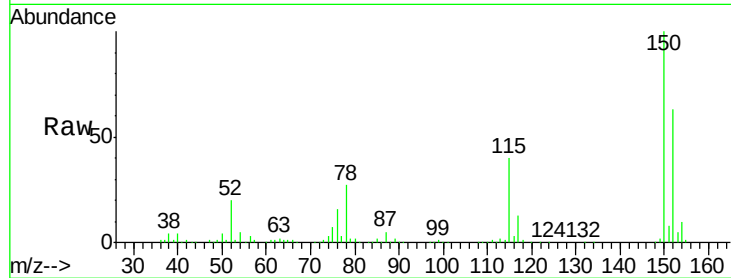


#1

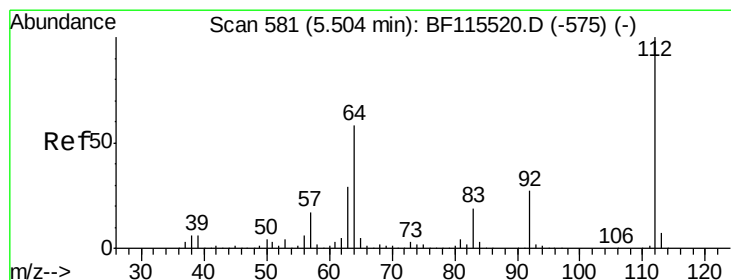
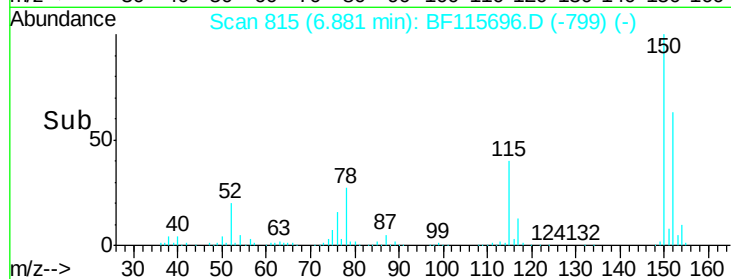
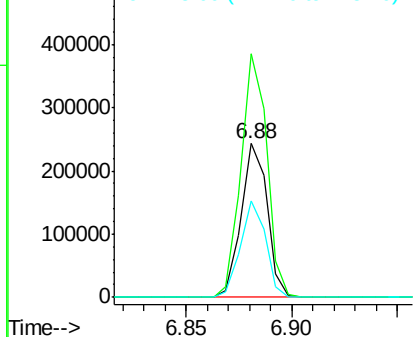
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115696.D
Acq: 20 Jul 2019 2:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 206165
Ion Ratio Lower Upper
152 100
150 158.7 129.7 194.5
115 63.2 48.2 72.4



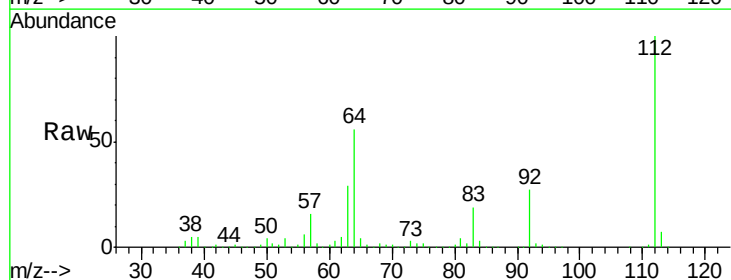
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



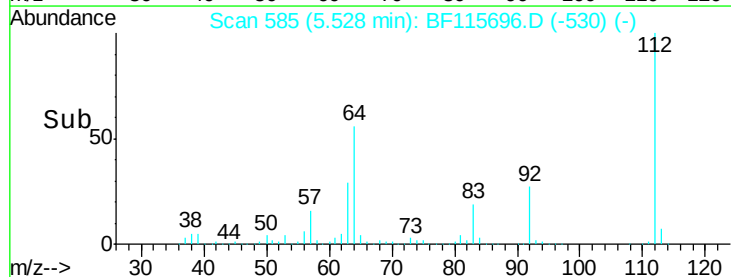
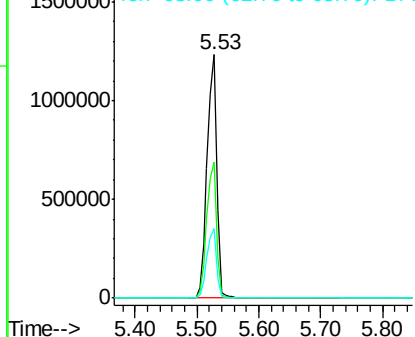
#5

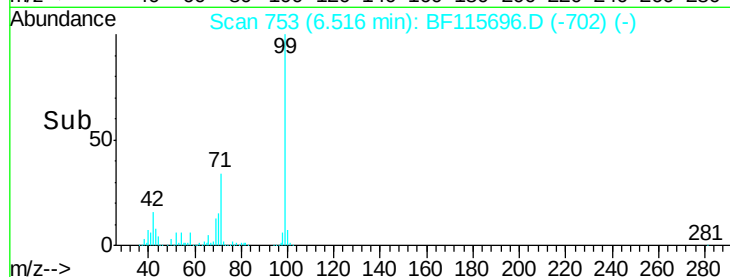
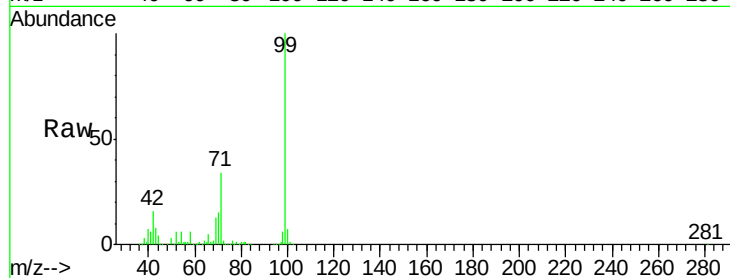
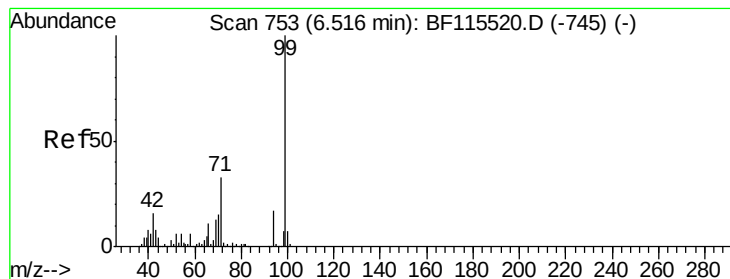
2-Fluorophenol
Concen: 105.748 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF115696.D
Acq: 20 Jul 2019 2:27

Tgt Ion:112 Resp: 1332848
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 28.8 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: 96.383 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

Instrument :

BNA_F

ClientSampleId :

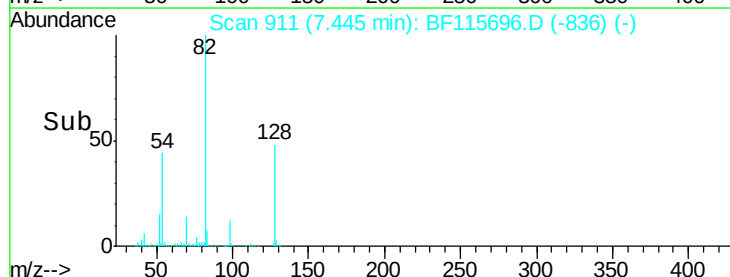
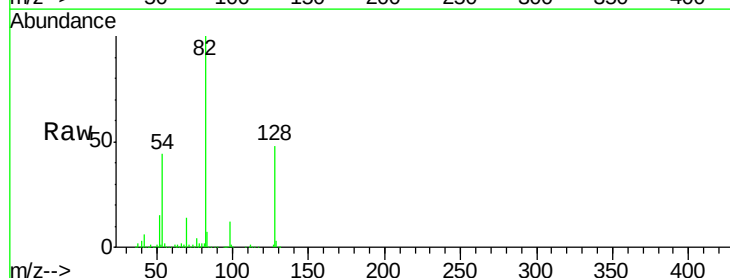
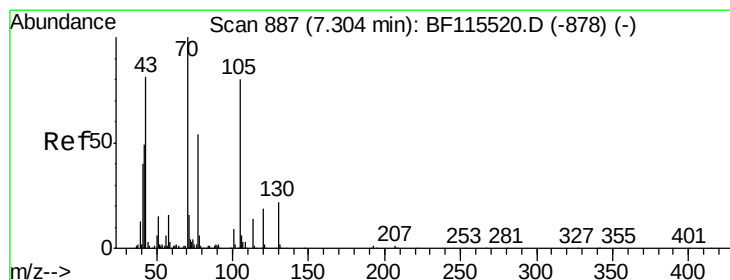
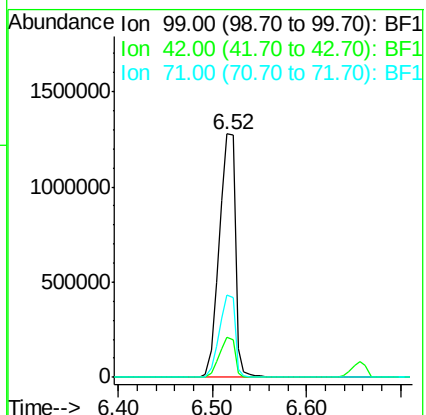
Tot Ion: 99 Resp: 1541459

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

71 33.9 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.375 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

Tgt Ion: 70 Resp: 160372

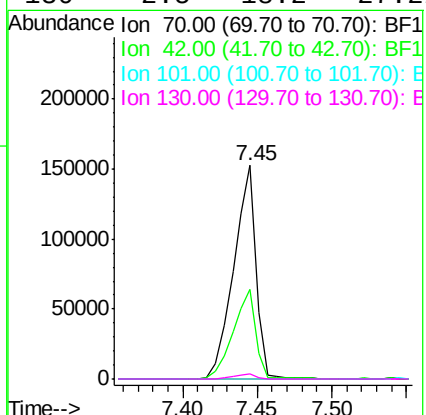
Ion Ratio Lower Upper

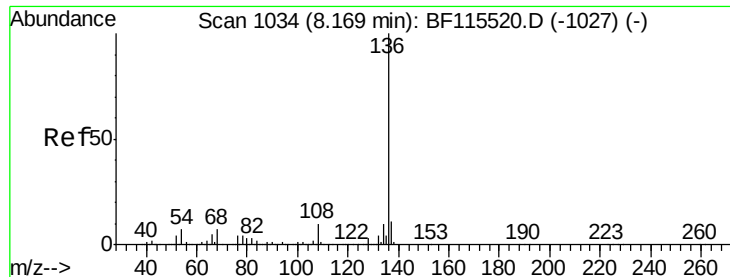
70 100

42 41.9 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: BF115696.D

Acq: 20 Jul 2019 2:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 624498

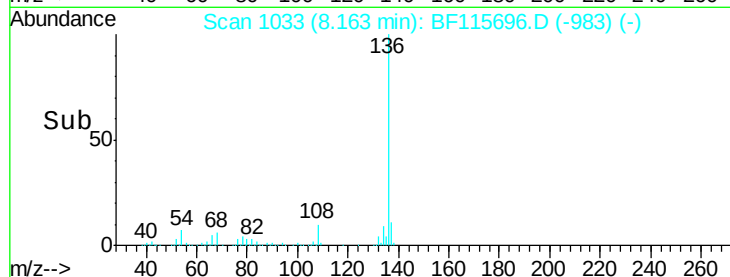
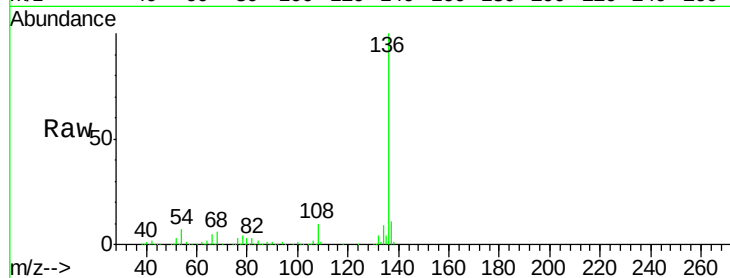
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.5 5.6 8.4

68 5.9 5.0 7.6

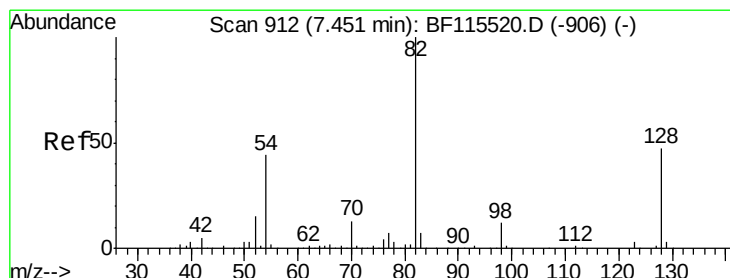
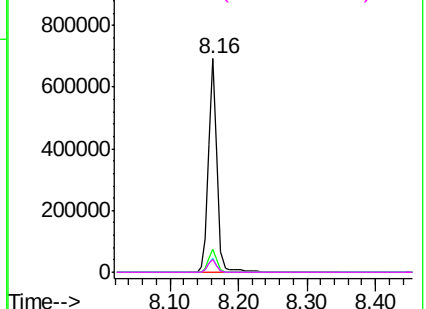


Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.975 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

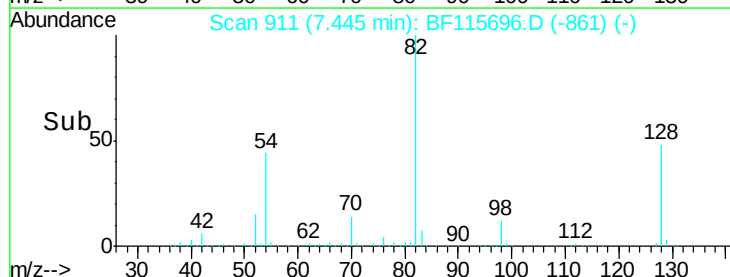
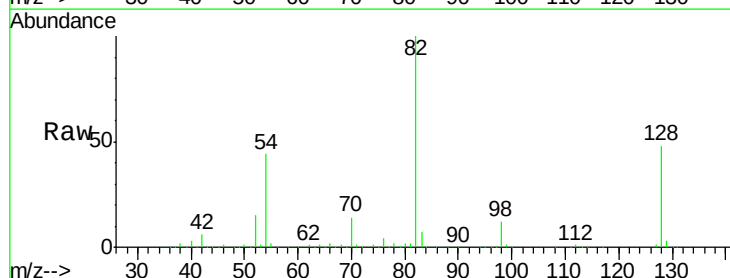
Tgt Ion: 82 Resp: 1202622

Ion Ratio Lower Upper

82 100

128 47.6 38.6 57.8

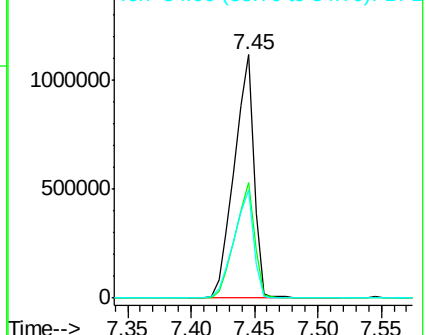
54 44.4 35.6 53.4

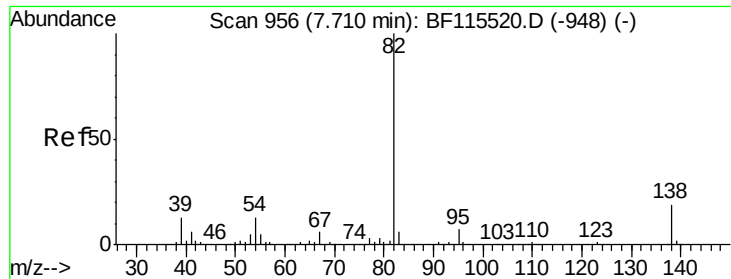


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.239 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

Instrument :

BNA_F

ClientSampleId :

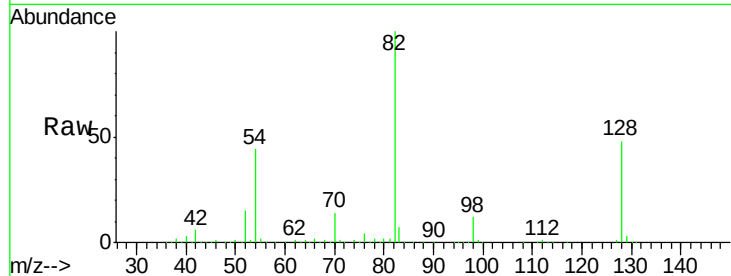
Tot Ion: 82 Resp: 1187143

Ion Ratio Lower Upper

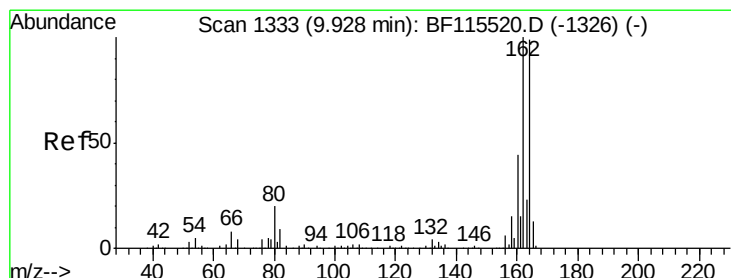
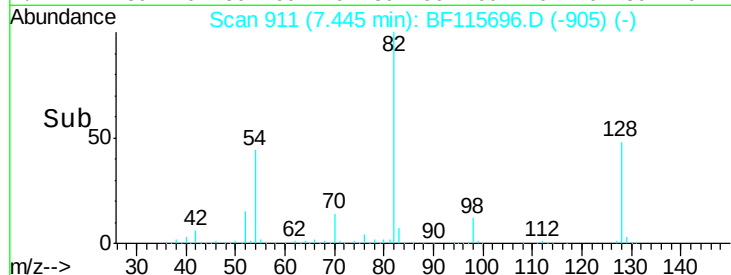
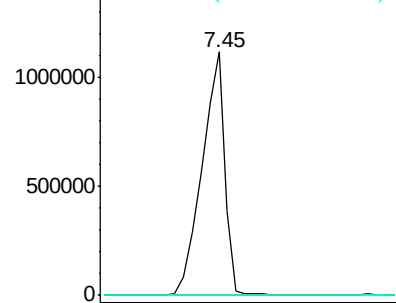
82 100

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# 1332

Delta R.T. -0.01 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

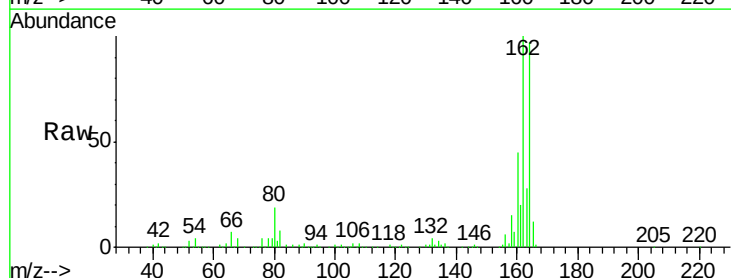
Tgt Ion: 164 Resp: 273864

Ion Ratio Lower Upper

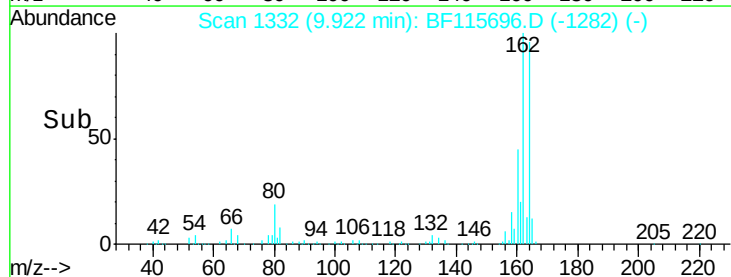
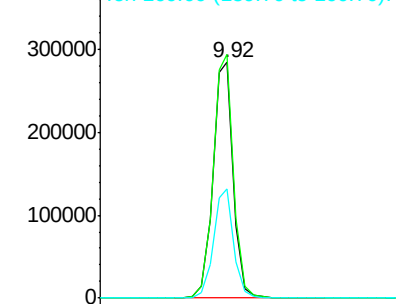
164 100

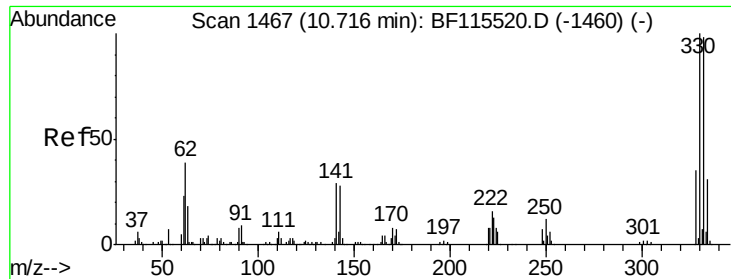
162 103.2 82.9 124.3

160 46.1 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: 114.084 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

Instrument :

BNA_F

ClientSampleId :

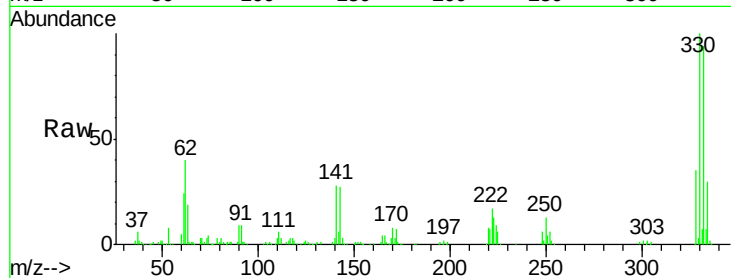
Tot Ion:330 Resp: 364687

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.2

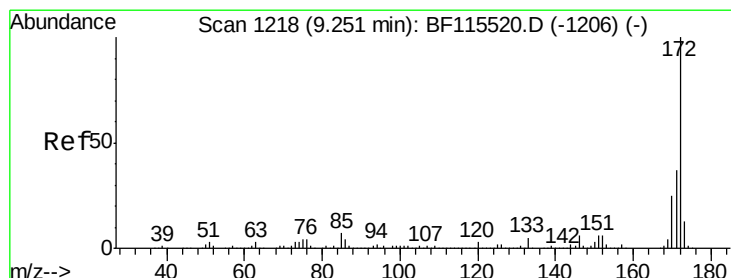
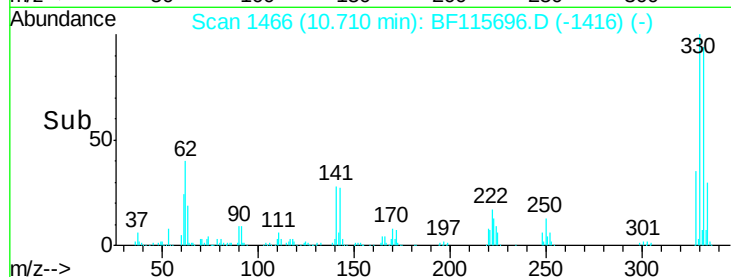
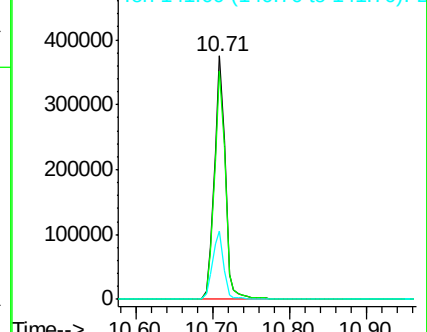
141 29.5 22.4 33.6



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: 107.445 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

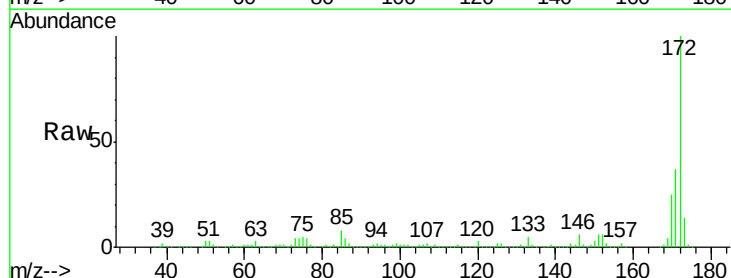
Tgt Ion:172 Resp: 1681168

Ion Ratio Lower Upper

172 100

171 37.1 30.6 46.0

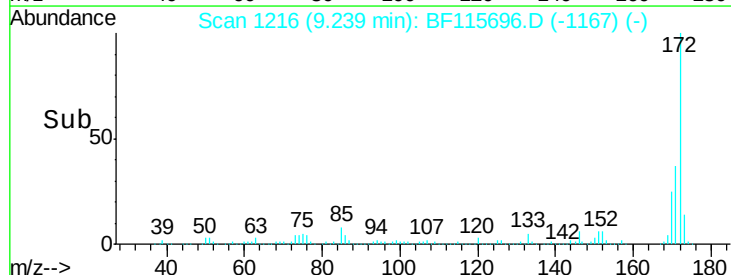
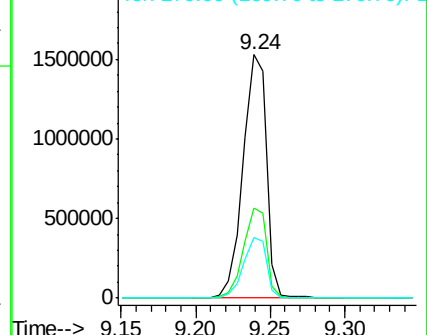
170 25.1 20.5 30.7

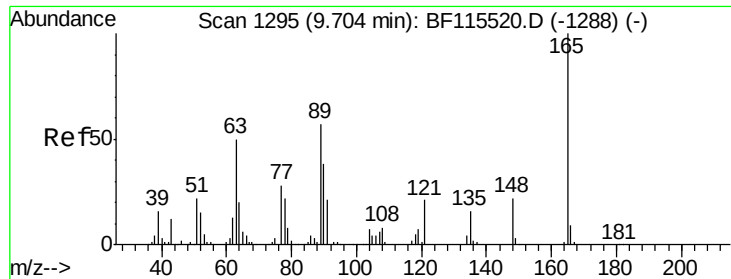


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.679 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

Instrument :

BNA_F

ClientSampleId :

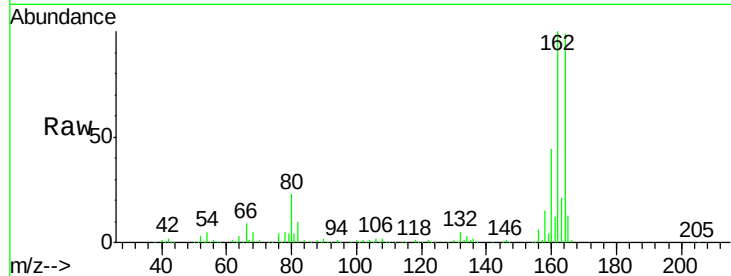
Tot Ion:165 Resp: 35955

Ion Ratio Lower Upper

165 100

63 1.0 40.6 61.0#

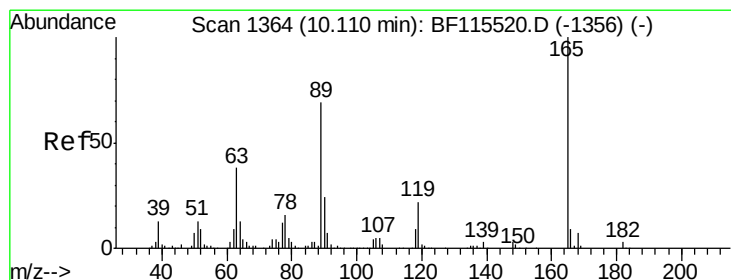
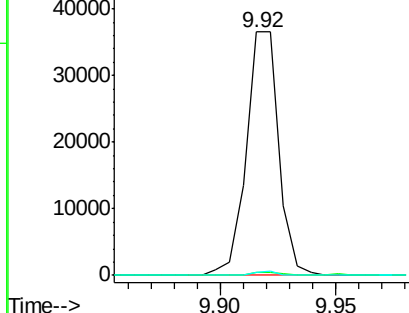
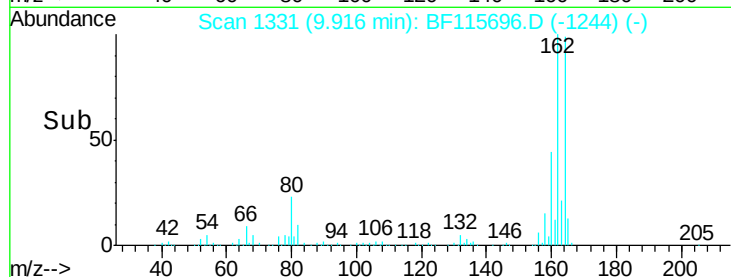
89 1.3 43.9 65.9#



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: 5.927 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115696.D

Acq: 20 Jul 2019 2:27

Tgt Ion:165 Resp: 35955

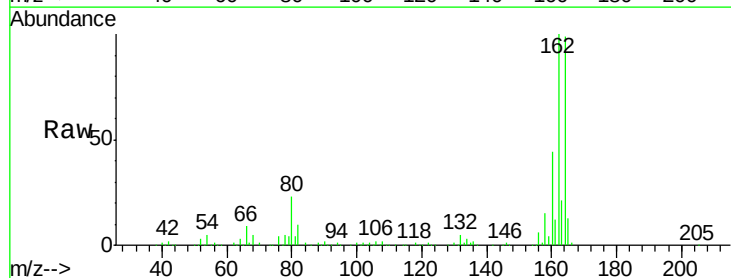
Ion Ratio Lower Upper

165 100

63 1.0 34.9 52.3#

89 1.3 57.5 86.3#

182 0.0 2.2 3.4#

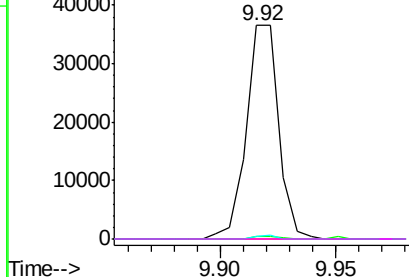
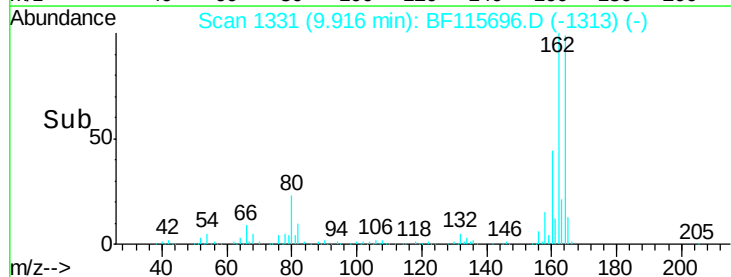


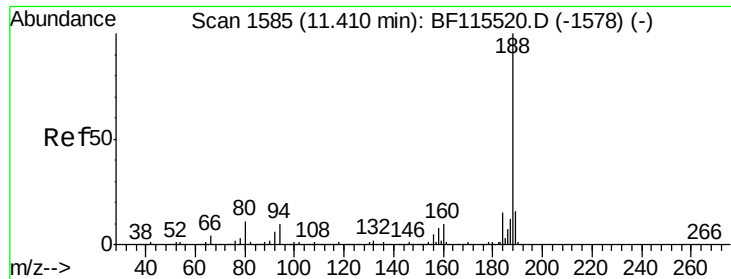
Abundance Ion 165.00 (164.70 to 165.70): E

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

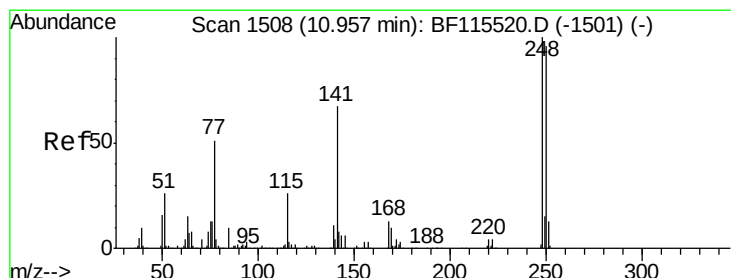
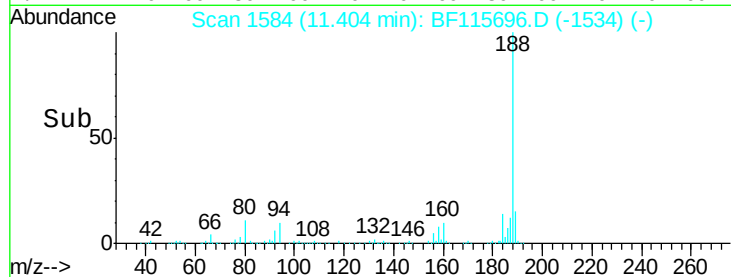
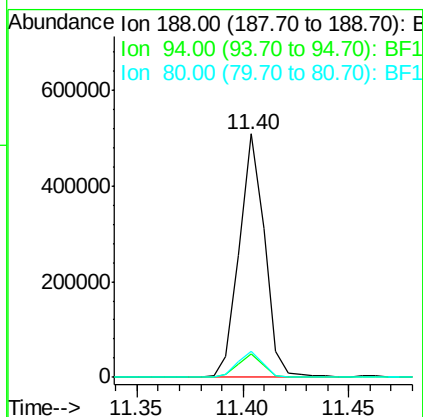
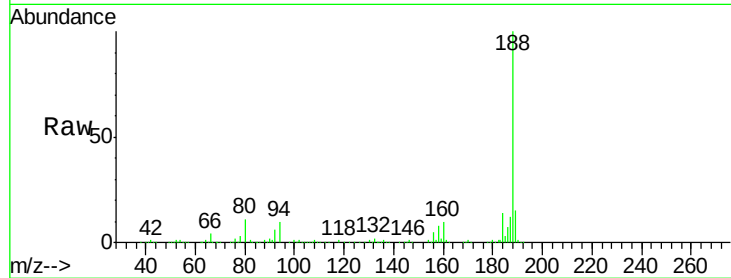




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115696.D
Acq: 20 Jul 2019 2:27

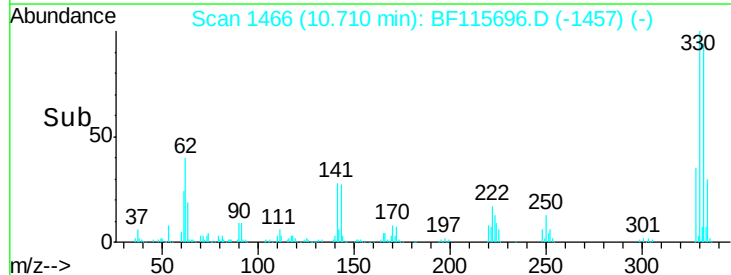
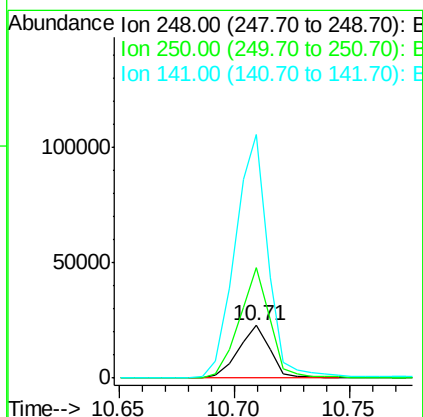
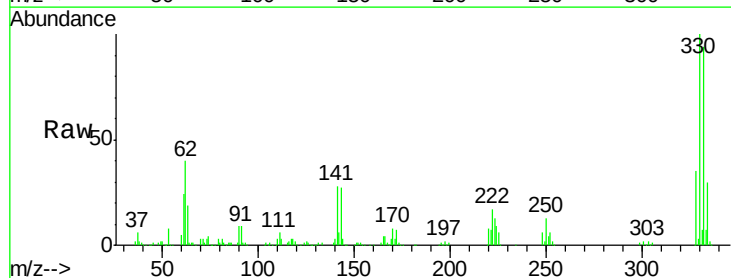
Instrument :
BNA_F
ClientSampleId :

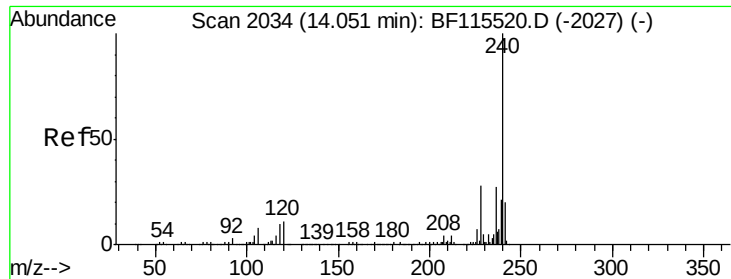
Tot Ion:188 Resp: 421413
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.6 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 4.532 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115696.D
Acq: 20 Jul 2019 2:27

Tgt Ion:248 Resp: 21824
Ion Ratio Lower Upper
248 100
250 210.7 78.0 117.0#
141 461.8 57.7 86.5#

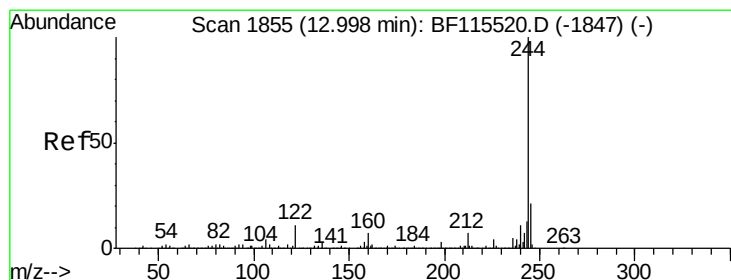
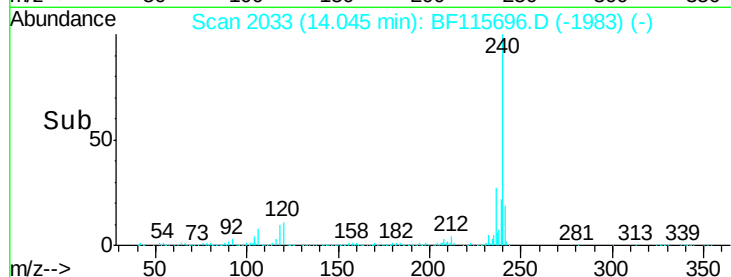
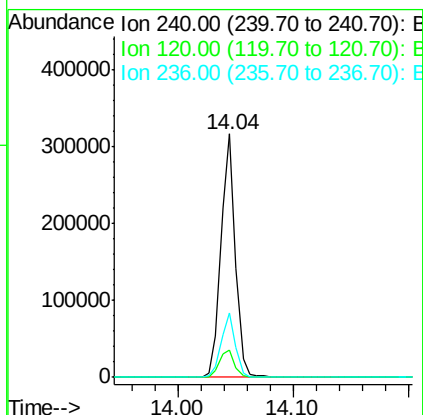
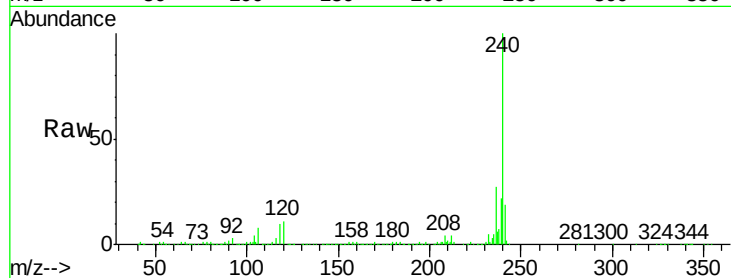




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115696.D
 Acq: 20 Jul 2019 2:27

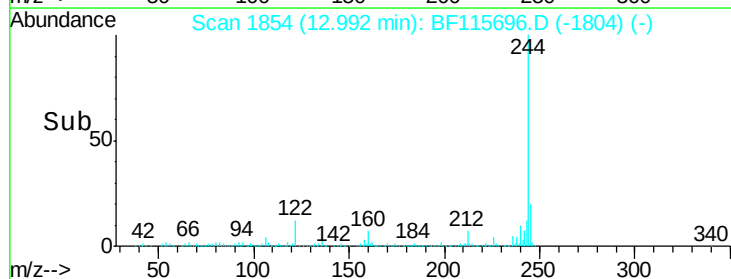
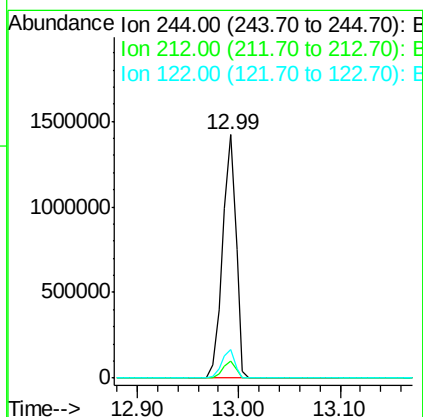
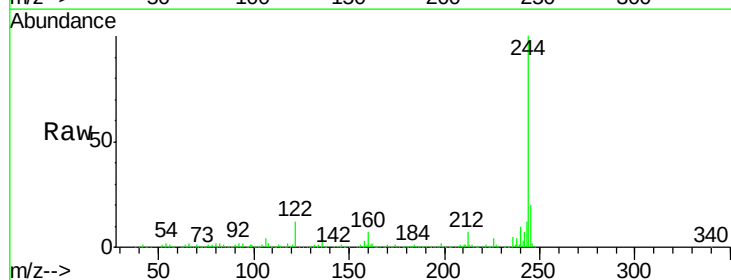
Instrument :
 BNA_F
 ClientSampleId :

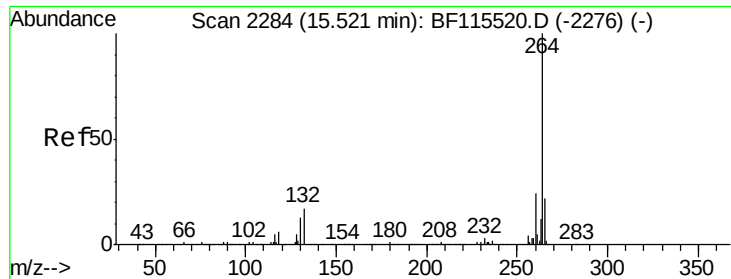
Tot Ion:240 Resp: 274365
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.6 13.0
 236 26.6 21.3 31.9



#79
 Terphenyl-d14
 Concen: 88.141 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115696.D
 Acq: 20 Jul 2019 2:27

Tgt Ion:244 Resp: 1310595
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.7 8.6 12.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BF115696.D
Acq: 20 Jul 2019 2:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	22.0	17.7	26.5

