

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115923.D
 Acq On : 1 Aug 2019 22:49
 Operator : HP/JU
 Sample : K4024-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-A

Quant Time: Aug 02 05:02:28 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

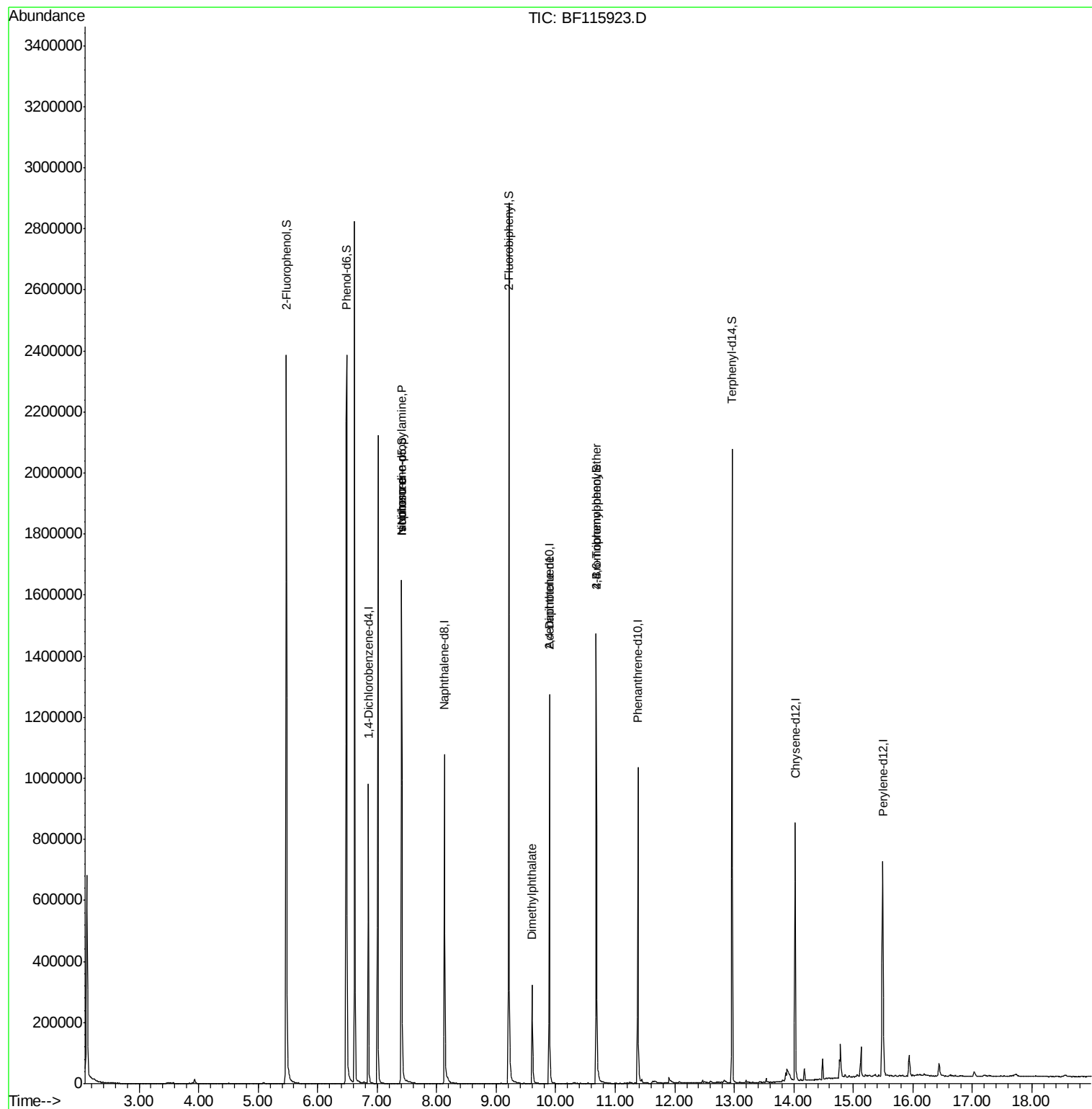
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134836	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	518351	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	258461	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	400333	20.00	ng	0.00
76) Chrysene-d12	14.02	240	282917	20.00	ng	0.00
87) Perylene-d12	15.49	264	344684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	694404	86.21	ng	0.00
7) Phenol-d6	6.49	99	907121	89.27	ng	0.00
23) Nitrobenzene-d5	7.41	82	555978	61.91	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	192018	76.63	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	866468	62.79	ng	0.00
79) Terphenyl-d14	12.96	244	704137	52.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	71987	11.432	ng	Qvalue # 79
25) Isophorone	7.41	82	555975	32.379	ng	# 66
50) Dimethylphthalate	9.60	163	153665	8.732	ng	99
57) 2,4-Dinitrotoluene	9.89	165	32877	6.457	ng	# 24
67) 4-Bromophenyl-phenylether	10.68	248	11889	2.774	ng	# 1

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

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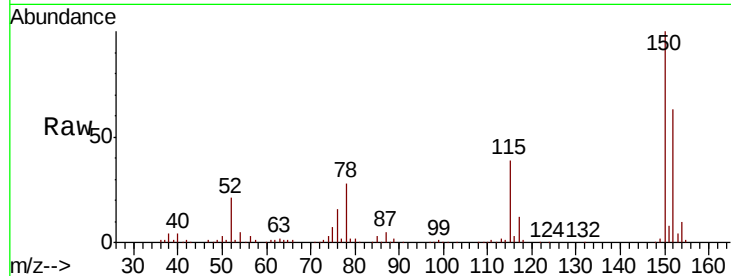


#1

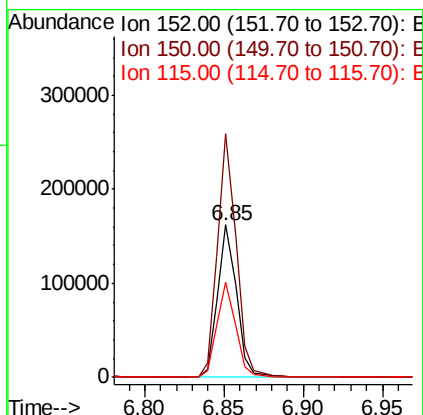
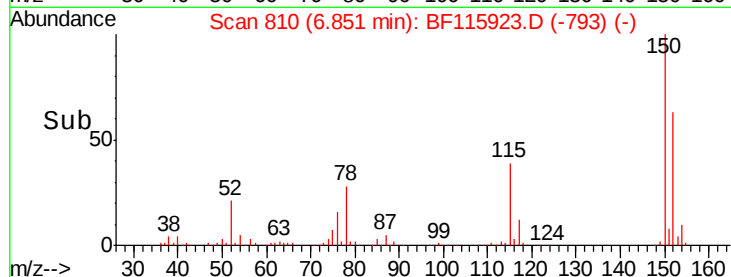
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115923.D
Acq: 1 Aug 2019 22:49

Instrument :
BNA_F
ClientSampleId :
TP-6-A

Tgt Ion:152 Resp: 134836
Ion Ratio Lower Upper
152 100
150 160.0 127.4 191.0
115 62.3 51.8 77.8



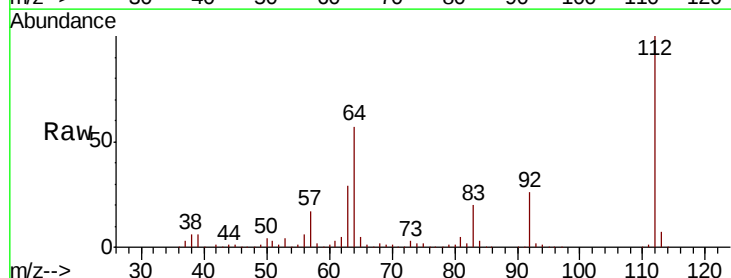
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



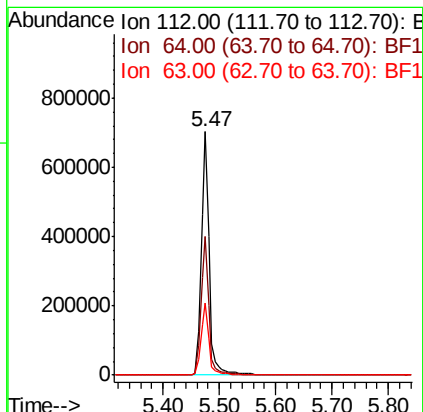
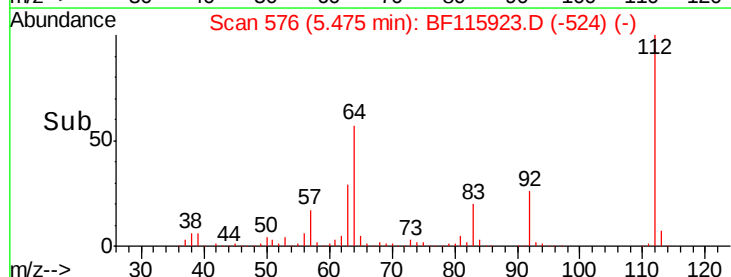
#5

2-Fluorophenol
Concen: 86.214 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115923.D
Acq: 1 Aug 2019 22:49

Tgt Ion:112 Resp: 694404
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 29.4 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: 89.265 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115923.D

Acq: 1 Aug 2019 22:49

Instrument :

BNA_F

ClientSampleId :

TP-6-A

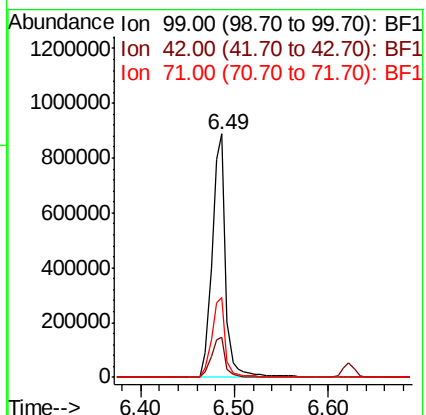
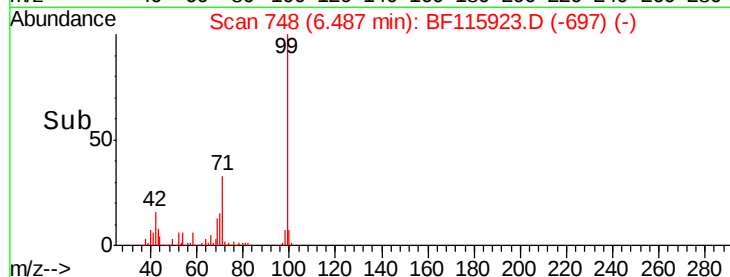
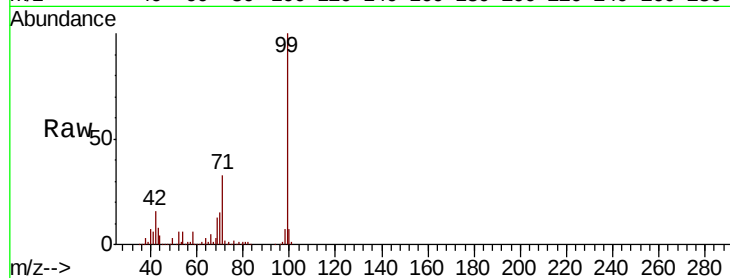
Tgt Ion: 99 Resp: 907121

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.6

71 32.7 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.432 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115923.D

Acq: 1 Aug 2019 22:49

Tgt Ion: 70 Resp: 71987

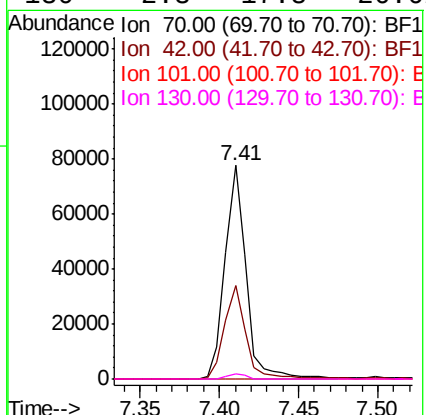
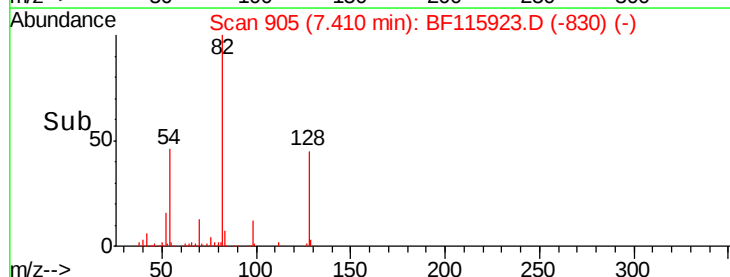
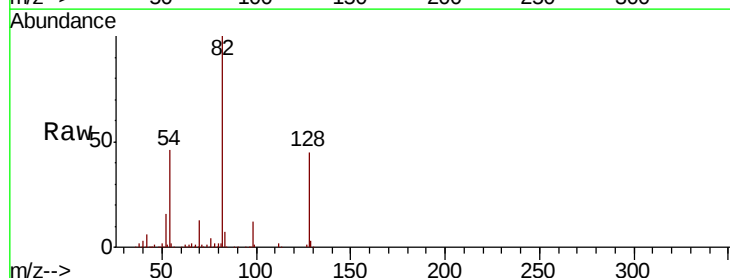
Ion Ratio Lower Upper

70 100

42 43.8 41.8 62.8

101 0.0 7.7 11.5#

130 2.3 17.8 26.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115923.D

Acq: 1 Aug 2019 22:49

Instrument :

BNA_F

ClientSampleId :

TP-6-A

Tgt Ion:136 Resp: 518351

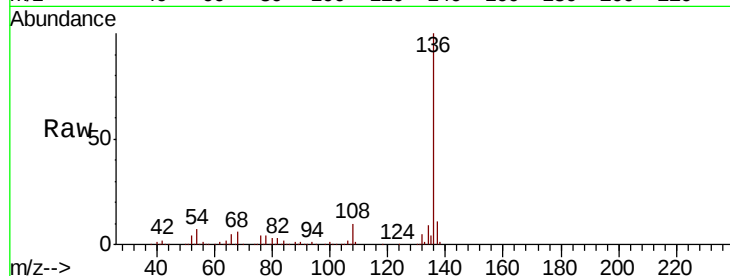
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.9 6.1 9.1

68 6.1 5.4 8.2

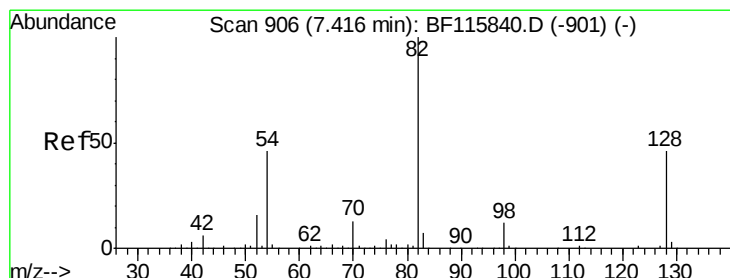
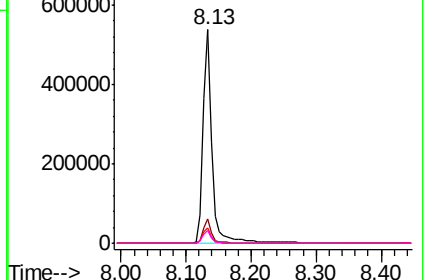
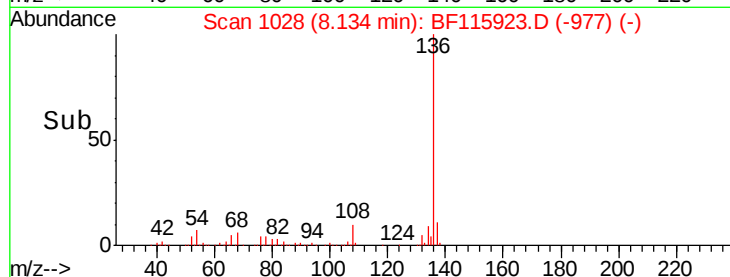


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.913 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF115923.D

Acq: 1 Aug 2019 22:49

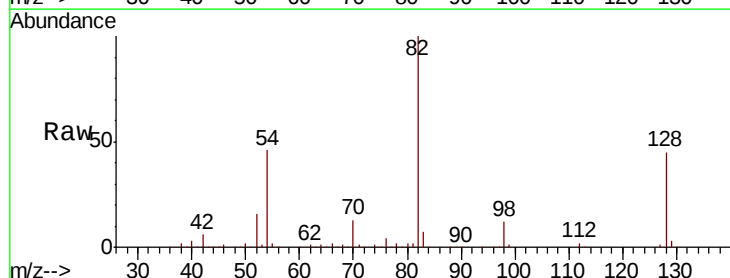
Tgt Ion: 82 Resp: 555978

Ion Ratio Lower Upper

82 100

128 45.0 36.6 55.0

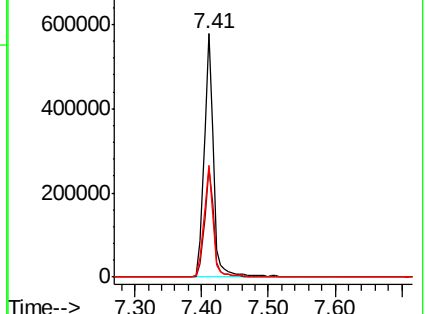
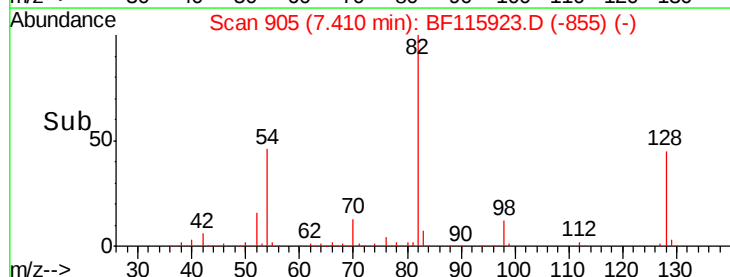
54 46.0 36.6 55.0



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: 32.379 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115923.D

Acq: 1 Aug 2019 22:49

Instrument :

BNA_F

ClientSampleId :

TP-6-A

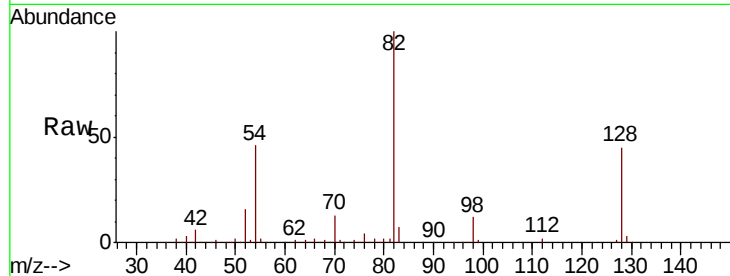
Tgt Ion: 82 Resp: 555975

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 13.9 20.9#

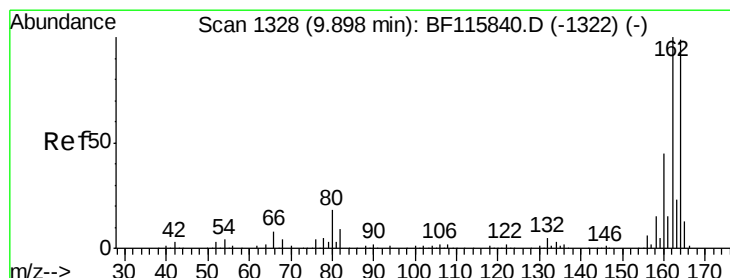
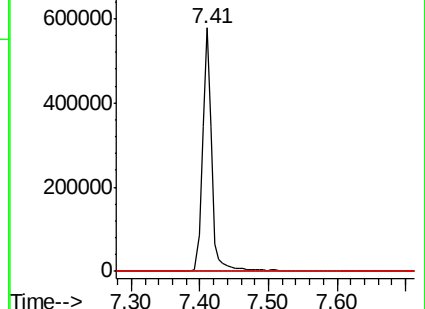
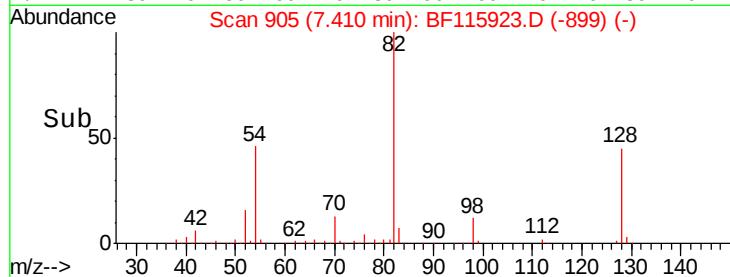


Abundance Ion 82.00 (81.70 to 82.70): BF115840.D (-944) (-)

Ion 95.00 (94.70 to 95.70): BF115840.D (-944) (-)

Ion 138.00 (137.70 to 138.70): BF115840.D (-944) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115923.D

Acq: 1 Aug 2019 22:49

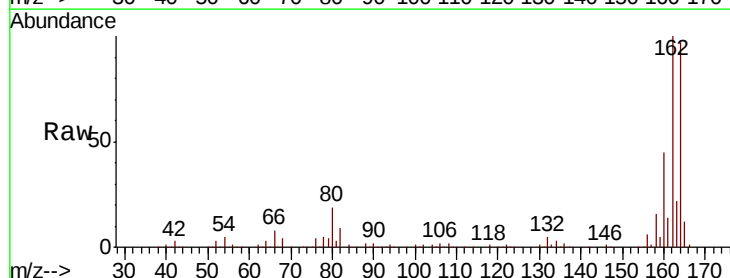
Tgt Ion: 164 Resp: 258461

Ion Ratio Lower Upper

164 100

162 103.2 80.8 121.2

160 46.5 36.2 54.4

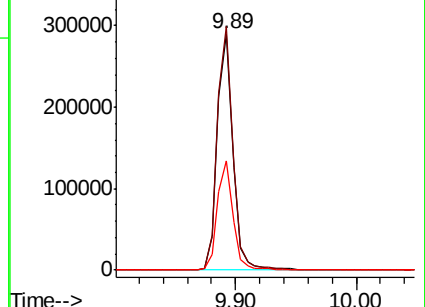
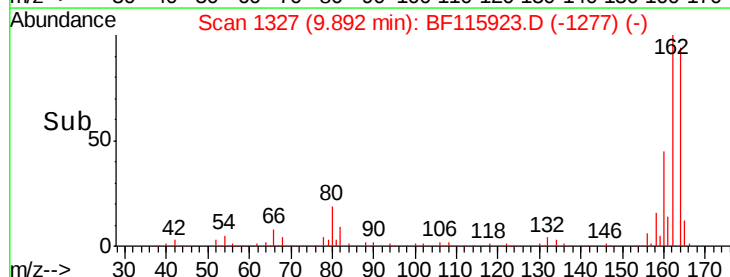


Abundance Ion 164.00 (163.70 to 164.70): BF115840.D (-1322) (-)

Ion 162.00 (161.70 to 162.70): BF115840.D (-1322) (-)

Ion 160.00 (159.70 to 160.70): BF115840.D (-1322) (-)

Time-->





#42

2,4,6-Tribromophenol

Concen: 76.628 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115923.D

Acq: 1 Aug 2019 22:49

Instrument :

BNA_F

ClientSampled :

TP-6-A

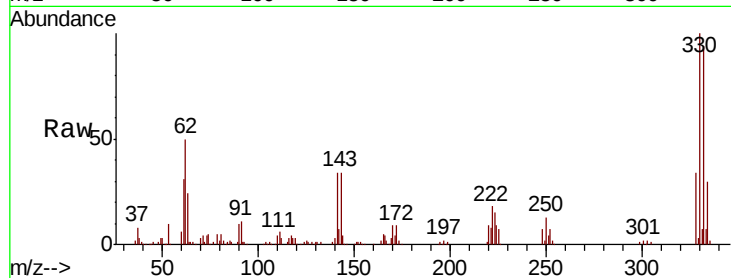
Tgt Ion:330 Resp: 192018

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

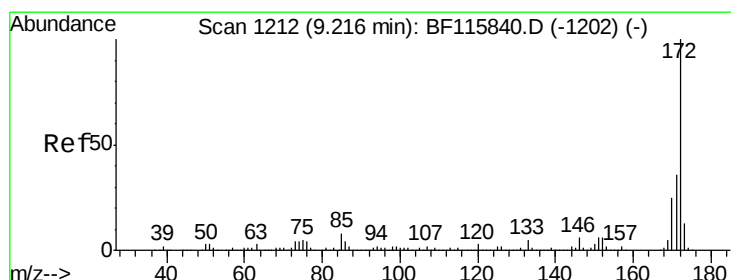
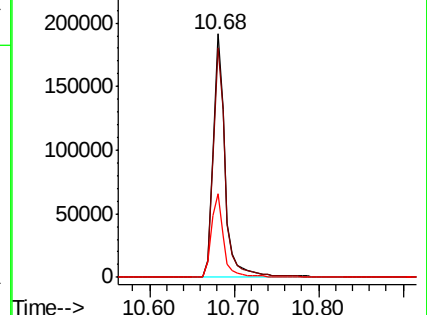
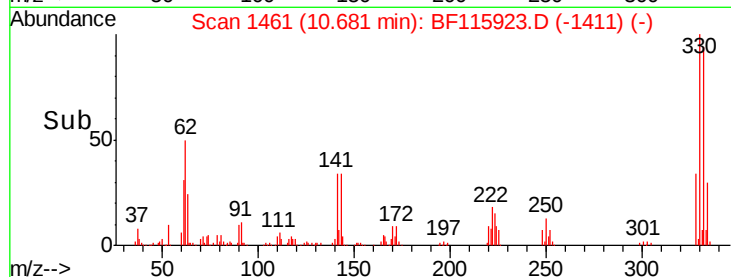
141 35.1 28.1 42.1



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: 62.793 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF115923.D

Acq: 1 Aug 2019 22:49

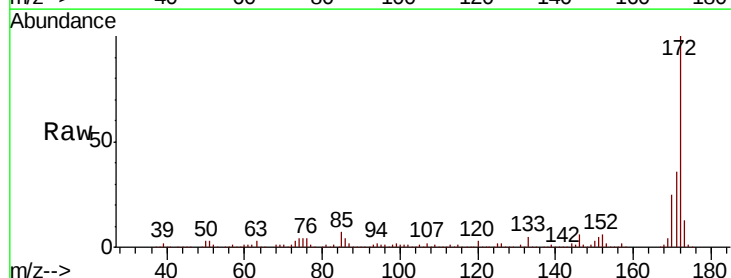
Tgt Ion:172 Resp: 866468

Ion Ratio Lower Upper

172 100

171 35.8 29.1 43.7

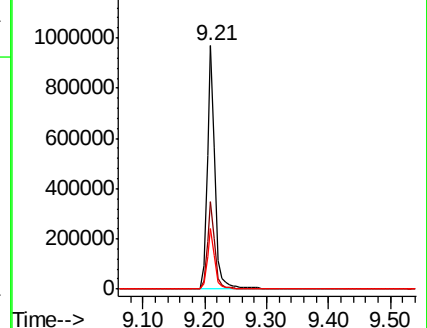
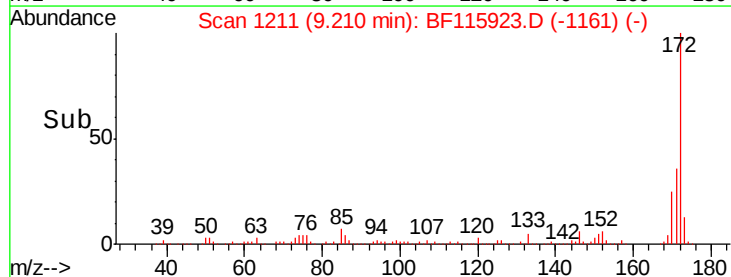
170 24.7 20.1 30.1

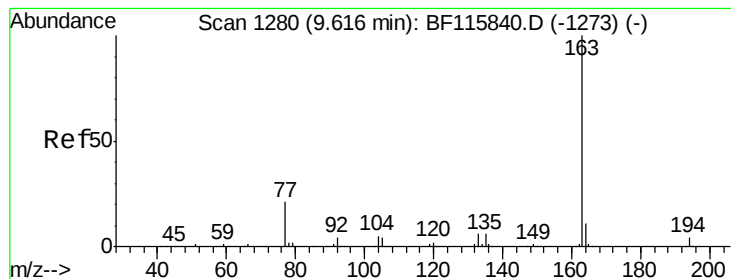


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.732 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115923.D

Acq: 1 Aug 2019 22:49

Instrument :

BNA_F

ClientSampleId :

TP-6-A

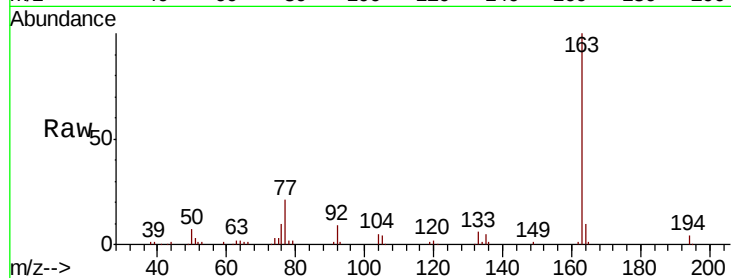
Tgt Ion:163 Resp: 153665

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

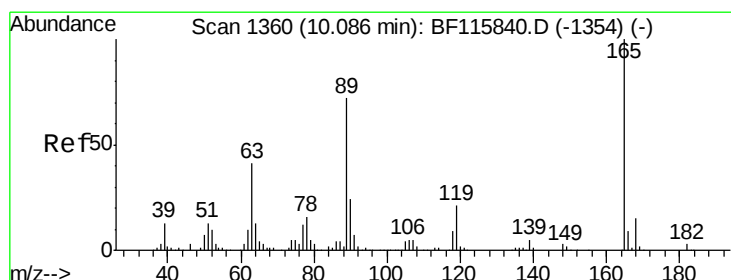
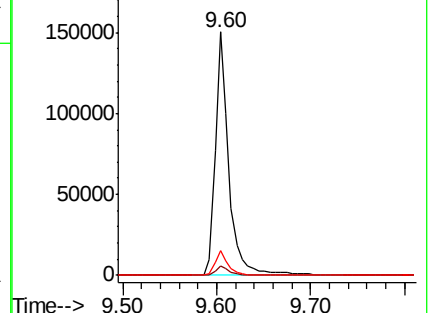
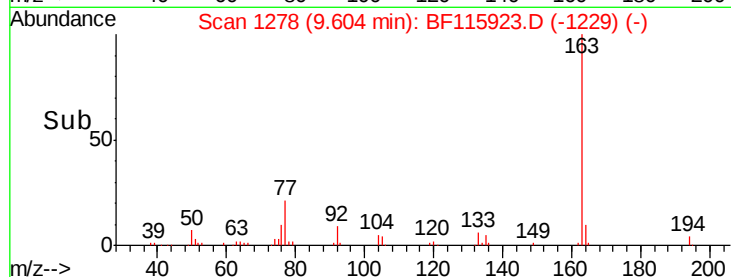
164 10.1 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.457 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115923.D

Acq: 1 Aug 2019 22:49

Tgt Ion:165 Resp: 32877

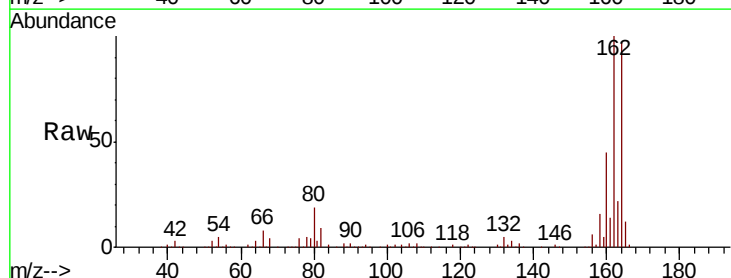
Ion Ratio Lower Upper

165 100

63 1.3 33.2 49.8#

89 1.1 57.3 85.9#

182 0.0 2.1 3.1#

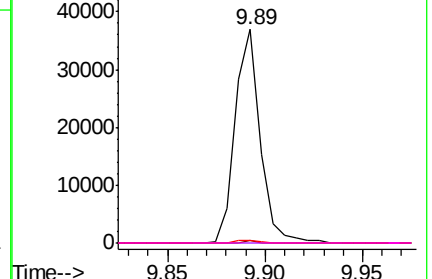
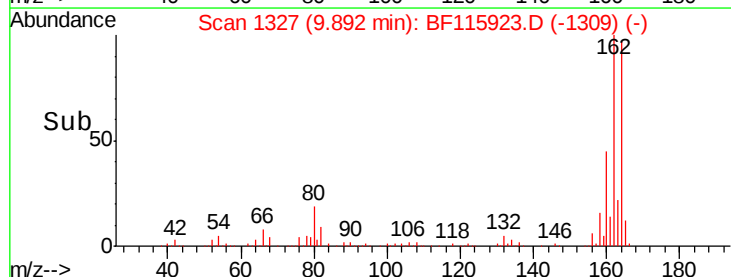


Abundance Ion 165.00 (164.70 to 165.70): E

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

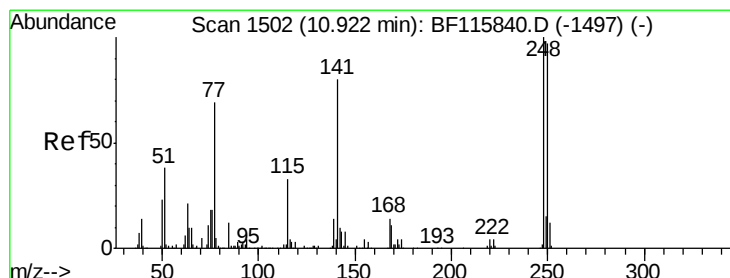
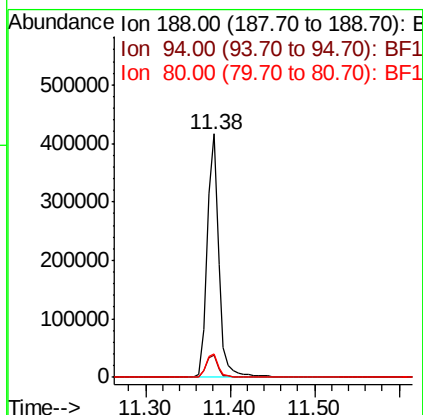
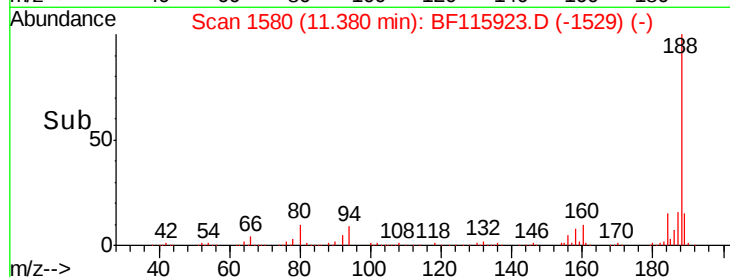
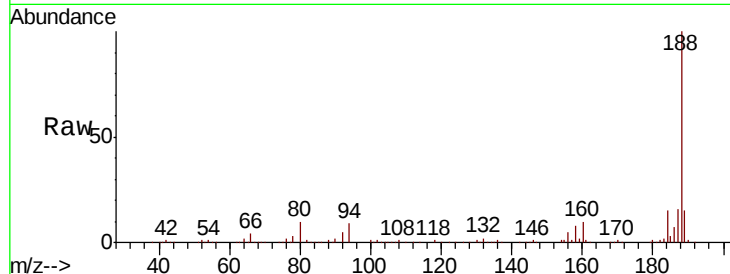




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115923.D
 Acq: 1 Aug 2019 22:49

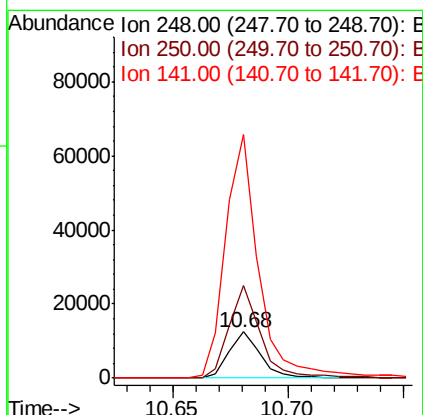
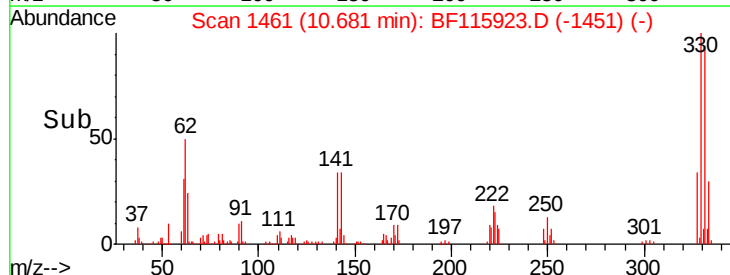
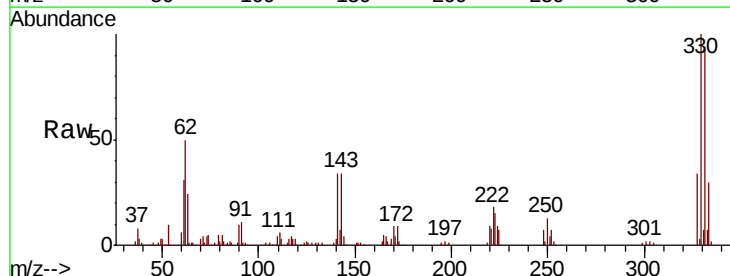
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-A

Tgt Ion:188 Resp: 400333
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.0 12.0
 80 9.6 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.774 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115923.D
 Acq: 1 Aug 2019 22:49

Tgt Ion:248 Resp: 11889
 Ion Ratio Lower Upper
 248 100
 250 199.9 77.8 116.6#
 141 525.3 64.3 96.5#

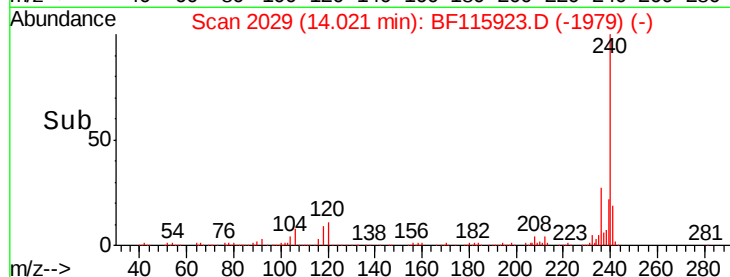
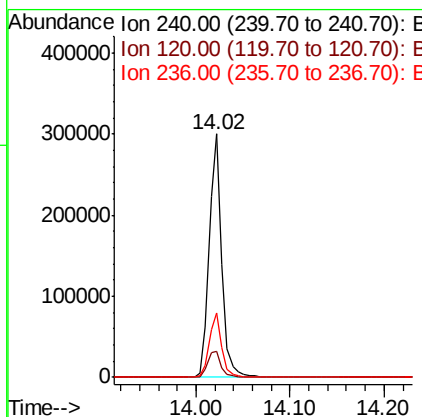
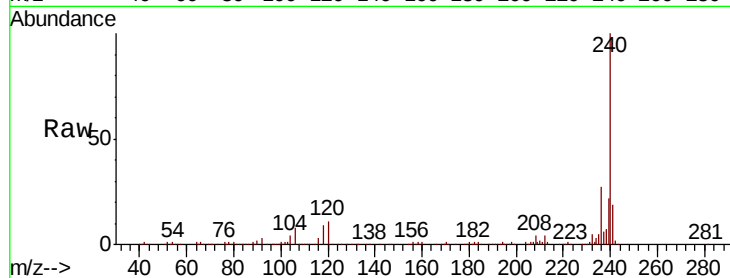




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115923.D
Acq: 1 Aug 2019 22:49

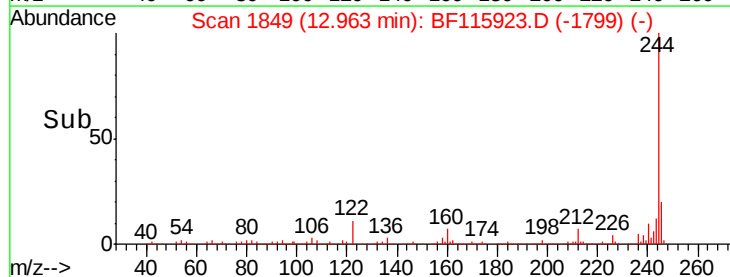
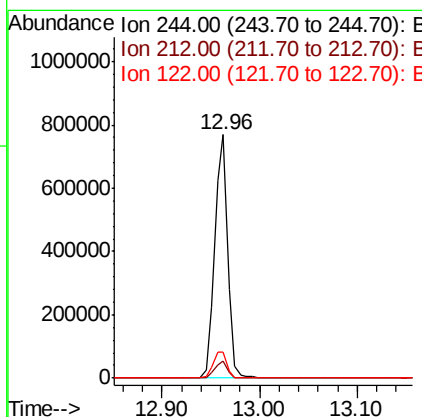
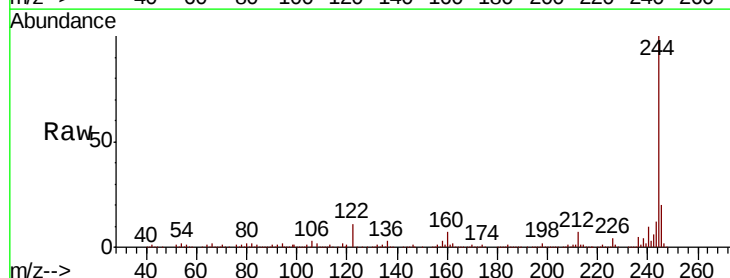
Instrument :
BNA_F
ClientSampleId :
TP-6-A

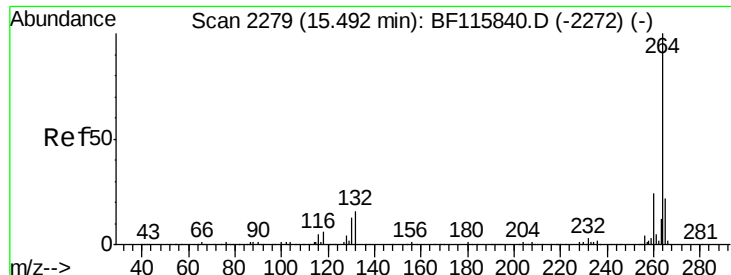
Tgt Ion:240 Resp: 282917
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 26.5 22.2 33.2



#79
Terphenyl-d14
Concen: 52.444 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115923.D
Acq: 1 Aug 2019 22:49

Tgt Ion:244 Resp: 704137
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.9 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: BF115923.D
Acq: 1 Aug 2019 22:49

Instrument :
BNA_F
ClientSampleId :
TP-6-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.6	17.5	26.3

