

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119778.D
 Acq On : 6 Apr 2020 18:06
 Operator : MA/SJ
 Sample : L2146-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

Quant Time: Apr 06 18:38:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

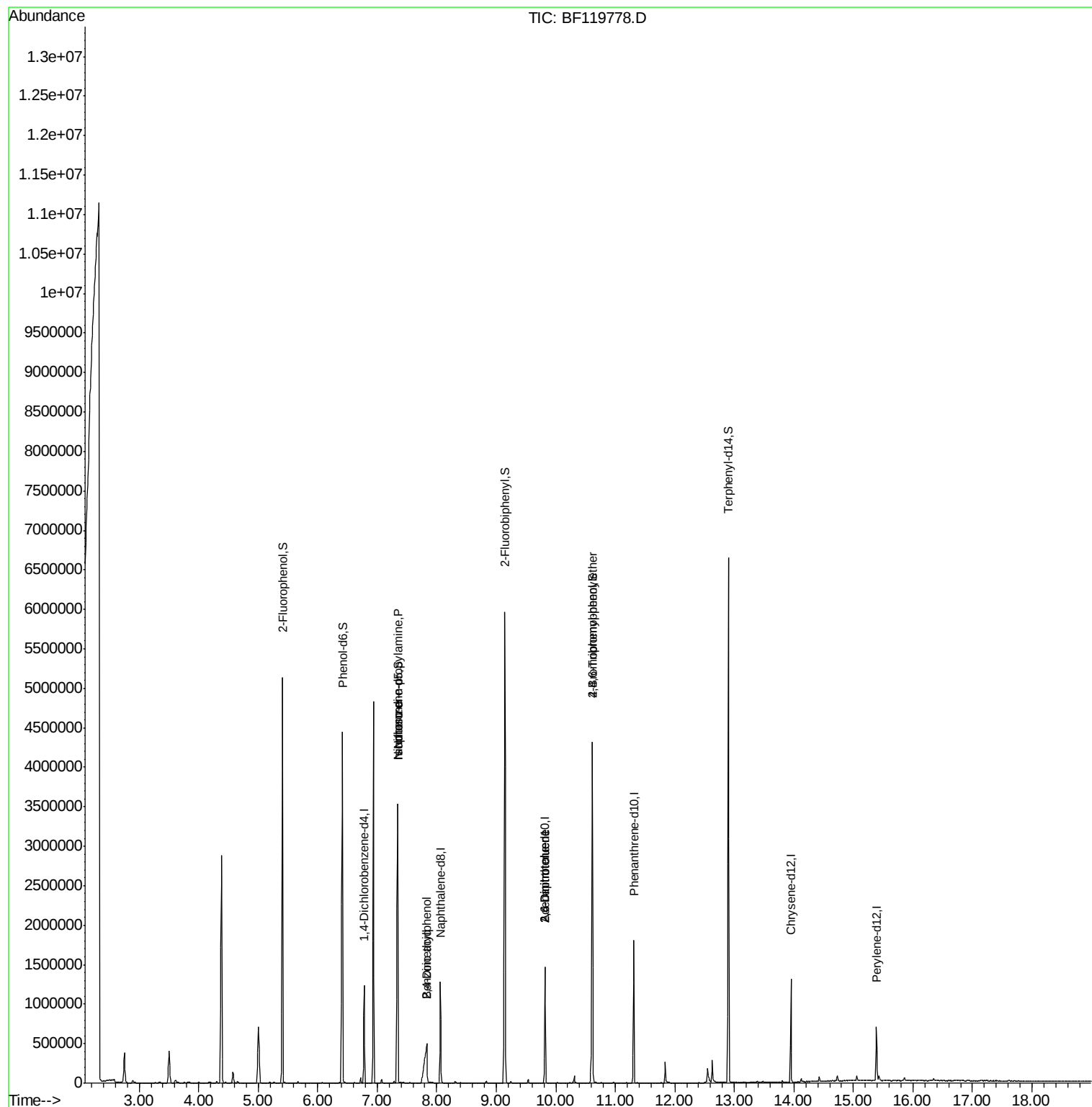
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	171711	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	621793	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	310675	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	641639	20.00	ng	0.00
76) Chrysene-d12	13.95	240	447408	20.00	ng	0.00
87) Perylene-d12	15.39	264	286550	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1386500	128.54	ng	0.02
7) Phenol-d6	6.42	99	1592977	115.61	ng	0.00
23) Nitrobenzene-d5	7.35	82	1251231	109.36	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	595021	185.65	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2276333	108.55	ng	0.00
79) Terphenyl-d14	12.90	244	2525686	110.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	162353	19.548	ng	# 74
25) Isophorone	7.35	82	1251219	53.912	ng	# 65
27) 2,4-Dimethylphenol	7.83	122	290423	29.175	ng	# 5
32) Benzoic acid	7.83	122	290423	45.355	ng	# 98
51) 2,6-Dinitrotoluene	9.82	165	38325	8.103	ng	# 27
57) 2,4-Dinitrotoluene	9.82	165	38325	6.432	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	35845	4.905	ng	# 1

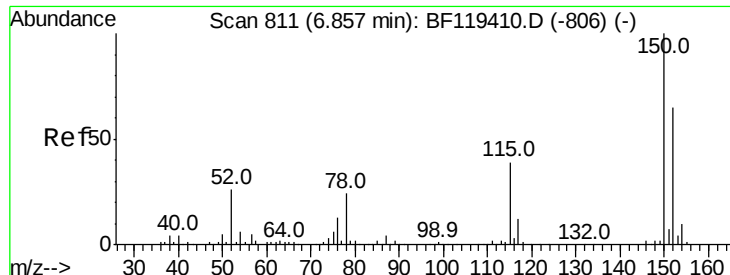
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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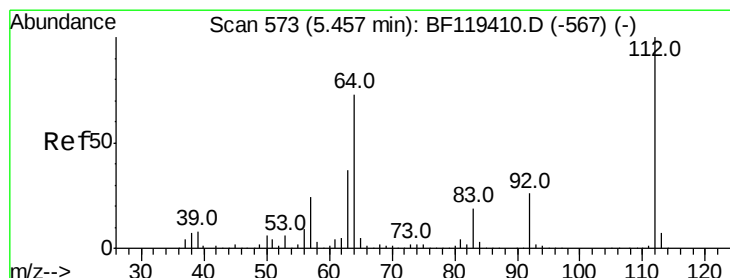
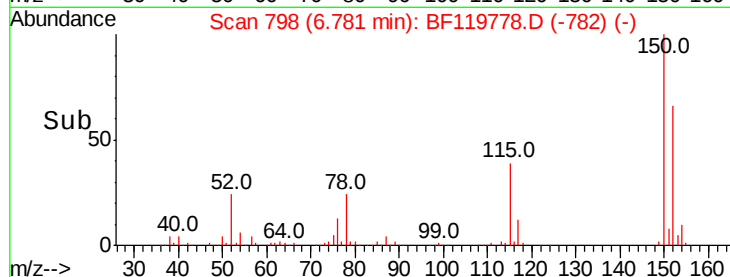
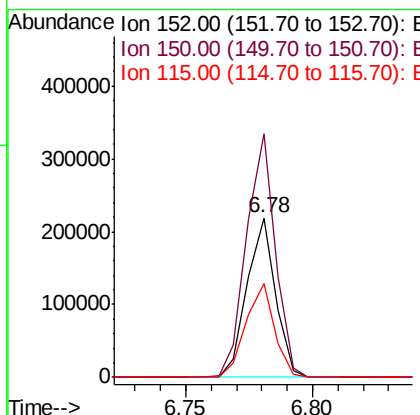
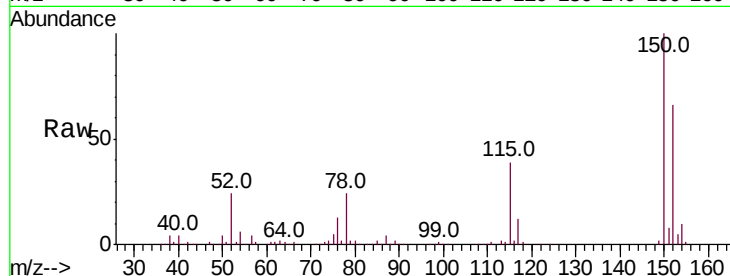


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119778.D
Acq: 6 Apr 2020 18:06

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

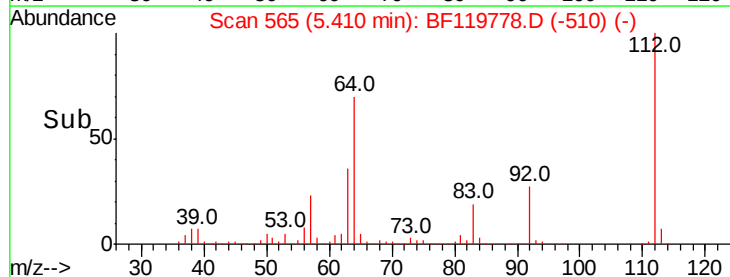
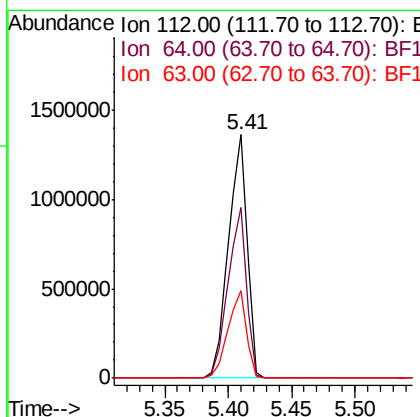
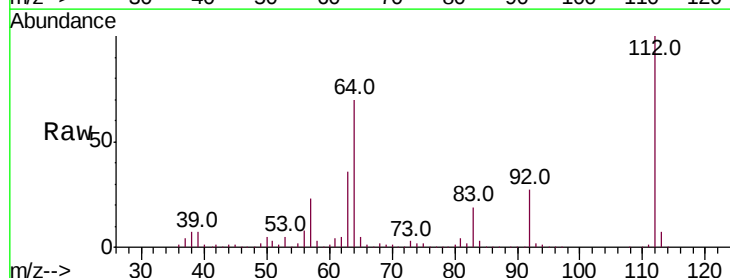
Tot Ion:152 Resp: 171711
Ion Ratio Lower Upper
152 100
150 152.6 124.5 186.7
115 58.8 49.6 74.4

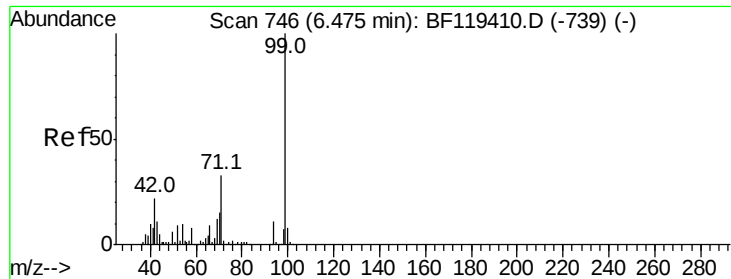


#5

2-Fluorophenol
Concen: 128.540 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119778.D
Acq: 6 Apr 2020 18:06

Tgt Ion:112 Resp: 1386500
Ion Ratio Lower Upper
112 100
64 70.0 56.7 85.1
63 36.1 29.5 44.3





#7

Phenol-d6

Concen: 115.609 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

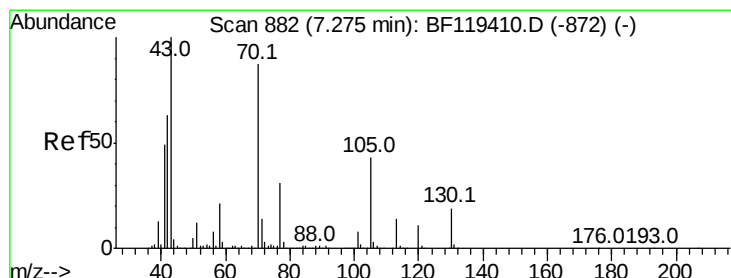
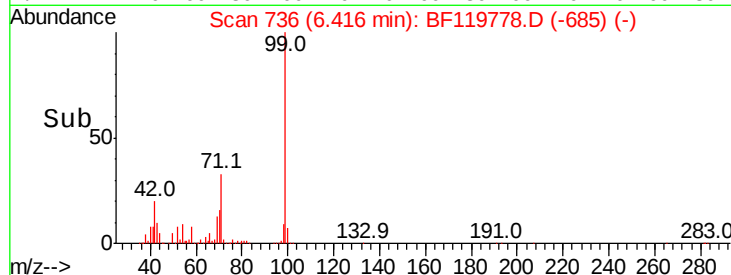
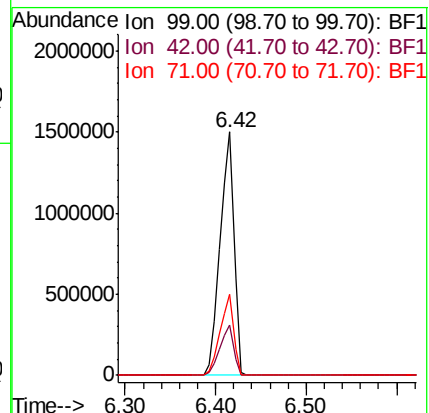
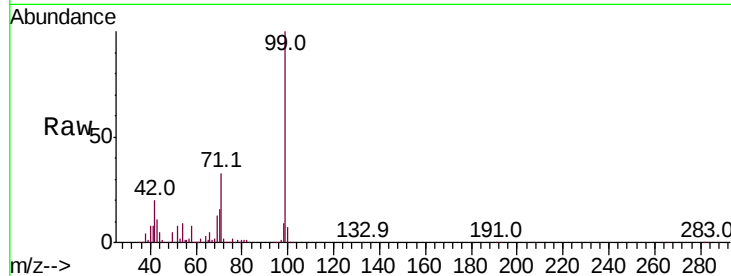
Tot Ion: 99 Resp: 1592977

Ion Ratio Lower Upper

99 100

42 20.4 16.6 24.8

71 33.3 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.548 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

Tgt Ion: 70 Resp: 162353

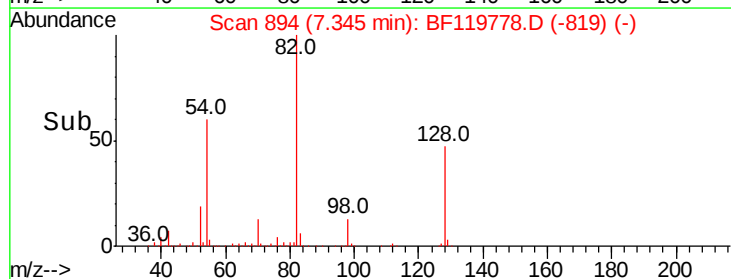
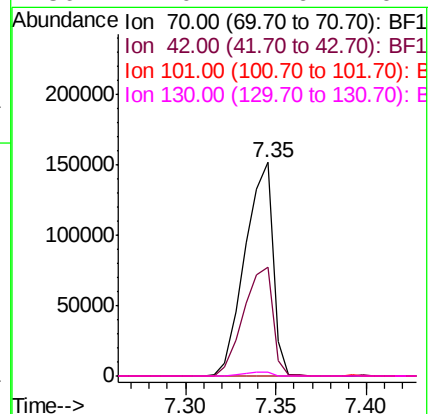
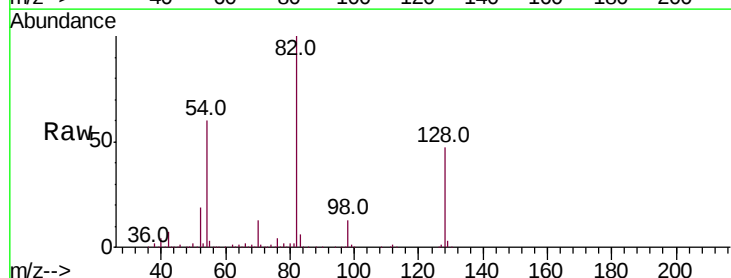
Ion Ratio Lower Upper

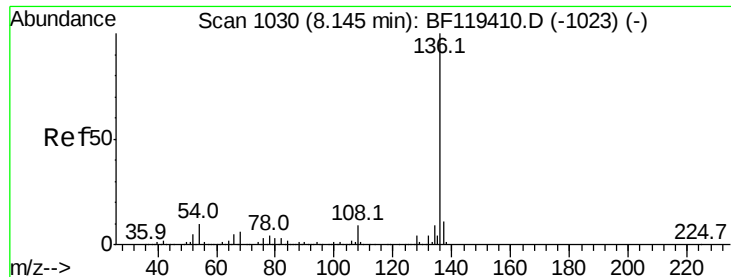
70 100

42 50.9 54.5 81.7#

101 0.0 7.6 11.4#

130 2.0 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

Tot Ion:136 Resp: 621793

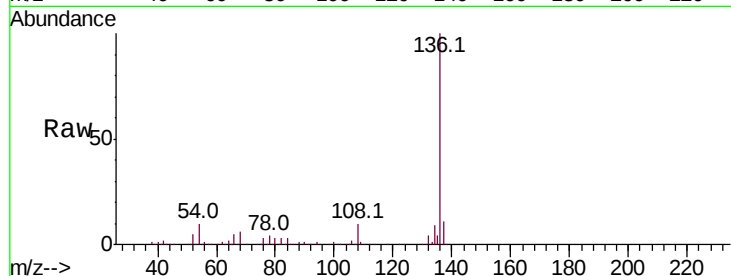
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.1 9.1 13.7

68 5.5 4.6 6.8

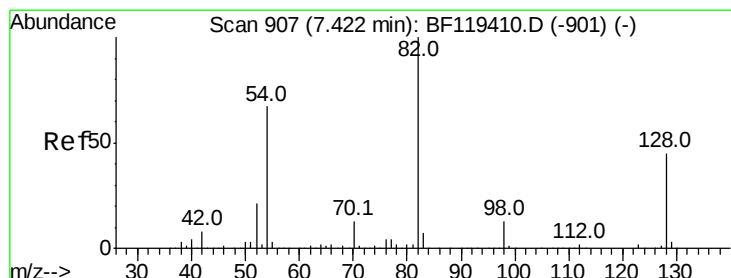
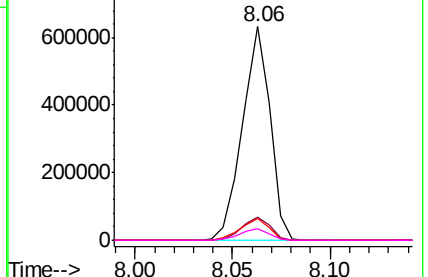
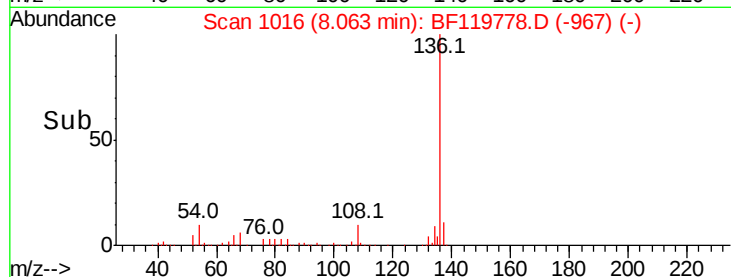


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.364 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

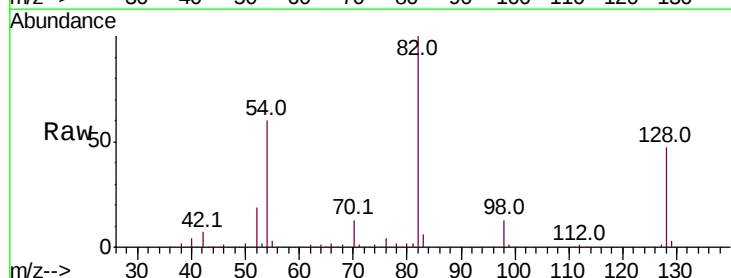
Tgt Ion: 82 Resp: 1251231

Ion Ratio Lower Upper

82 100

128 47.3 36.3 54.5

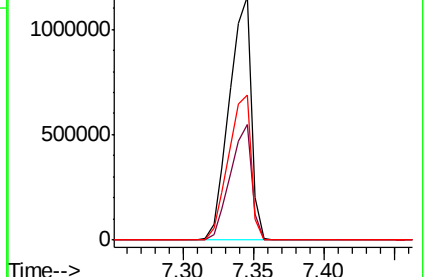
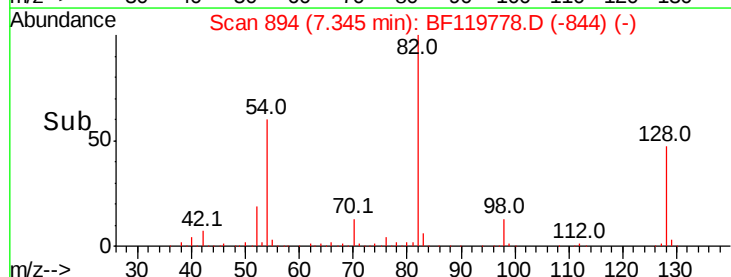
54 59.8 50.6 75.8

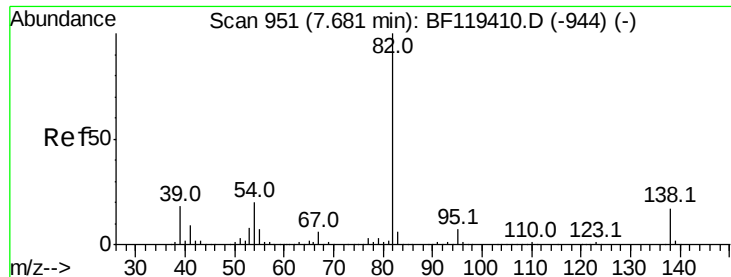


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 53.912 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

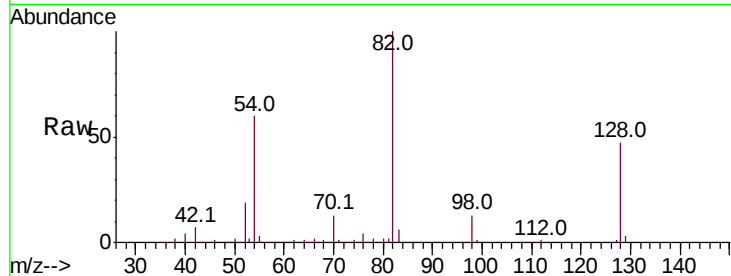
Tot Ion: 82 Resp: 1251219

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

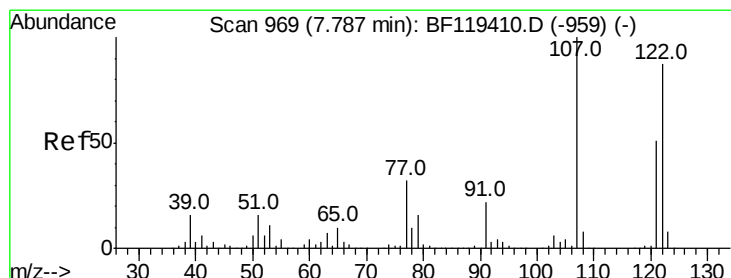
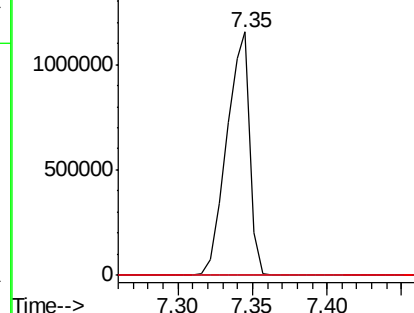
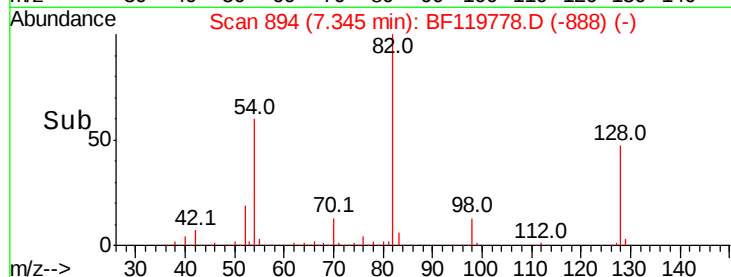
138 0.0 14.6 21.8#



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



#27

2,4-Dimethylphenol

Concen: 29.175 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.11 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

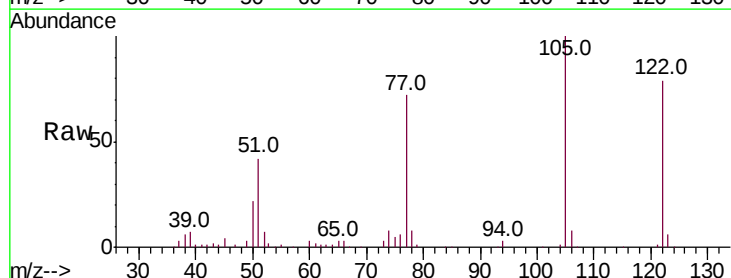
Tgt Ion:122 Resp: 290423

Ion Ratio Lower Upper

122 100

107 0.6 89.0 133.6#

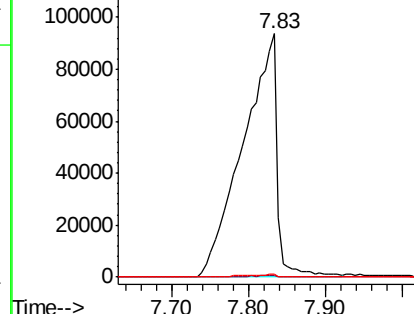
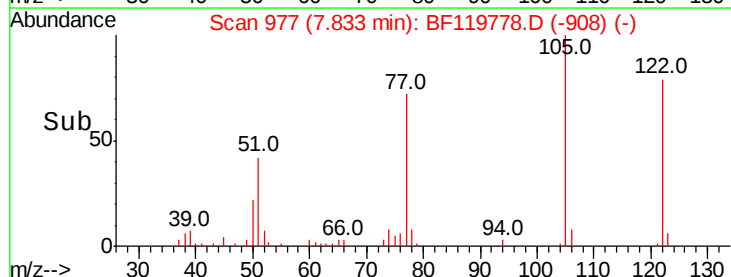
121 1.1 46.7 70.1#

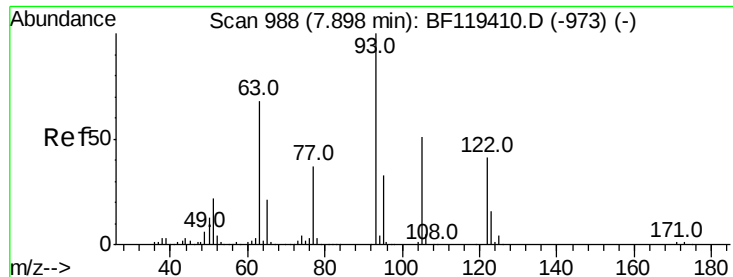


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

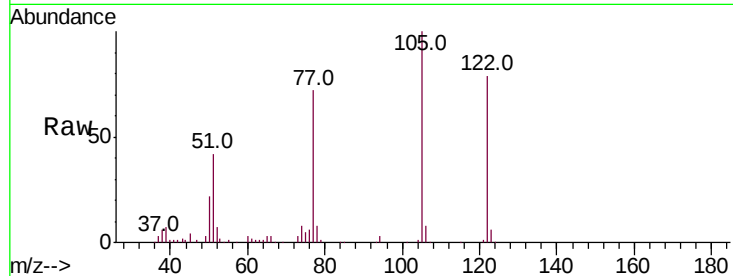




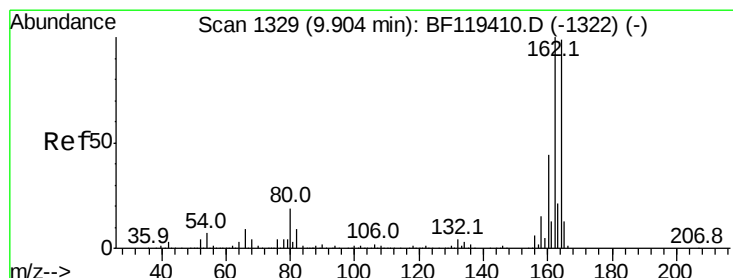
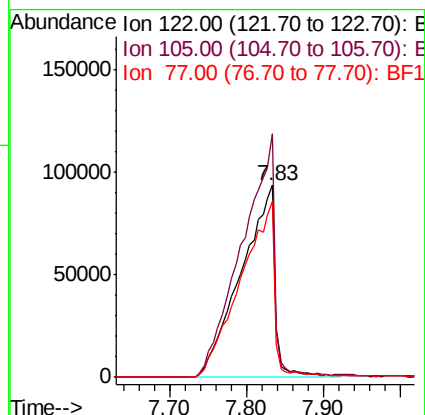
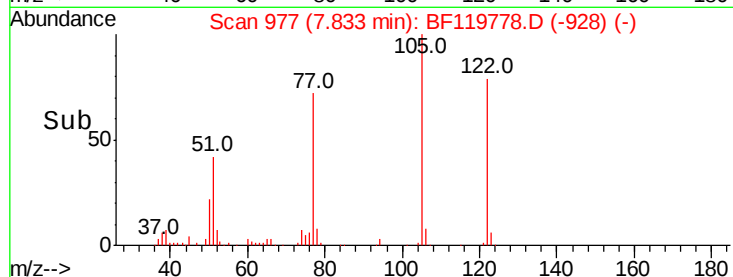
#32
Benzoic acid
Concen: 45.355 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF119778.D
Acq: 6 Apr 2020 18:06

Instrument :
BNA_F
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Tot Ion:122 Resp: 290423
Ion Ratio Lower Upper
122 100
105 126.7 104.9 144.9
77 91.3 74.4 114.4

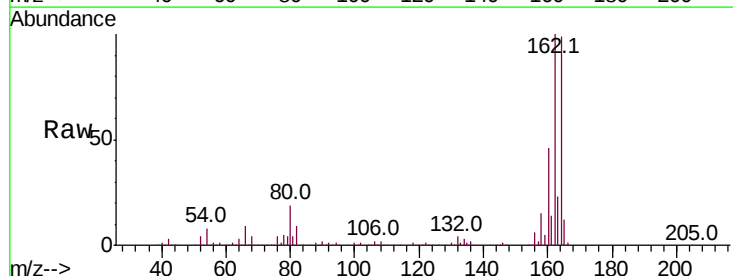


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

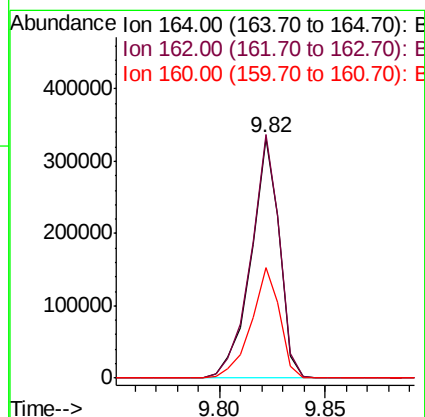
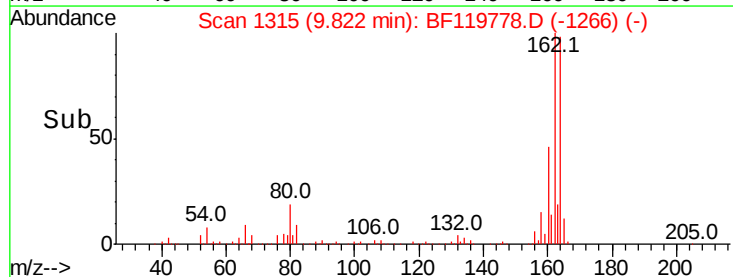


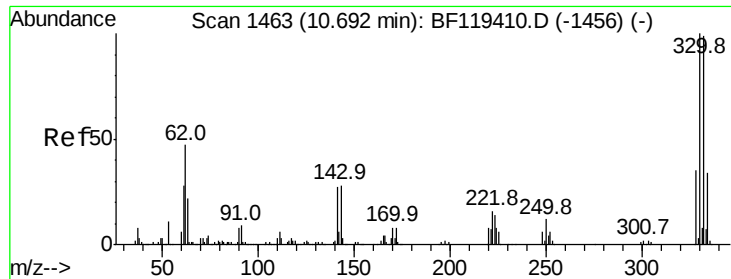
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119778.D
Acq: 6 Apr 2020 18:06

Tgt Ion:164 Resp: 310675
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 46.2 35.7 53.5



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: 185.647 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

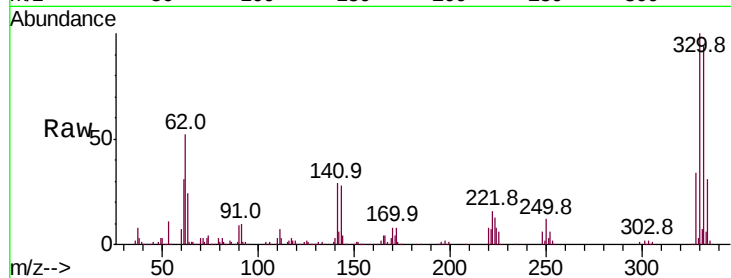
Tot Ion:330 Resp: 595021

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

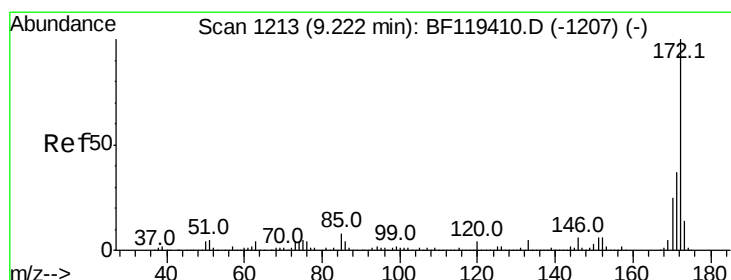
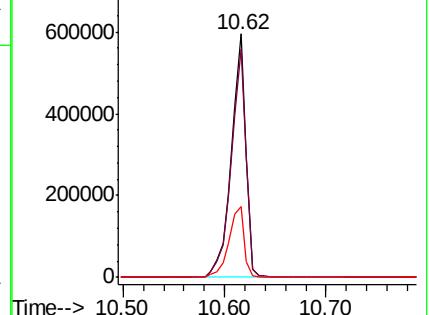
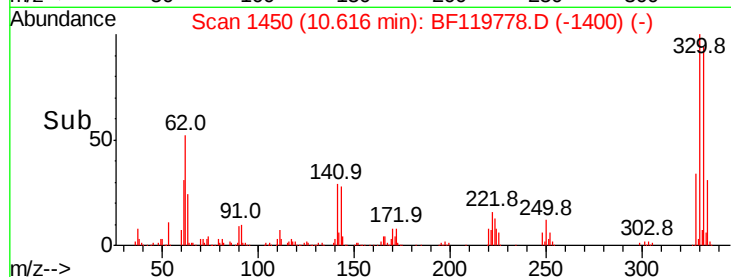
141 30.6 25.4 38.0



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: 108.548 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

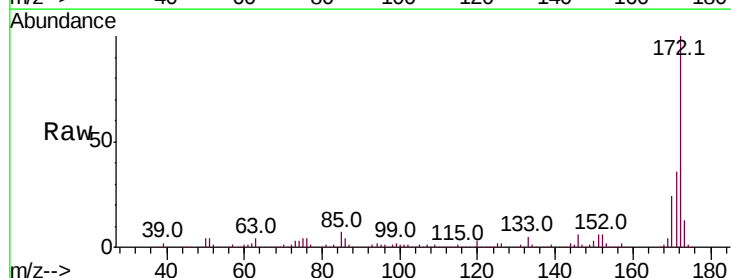
Tgt Ion:172 Resp: 2276333

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

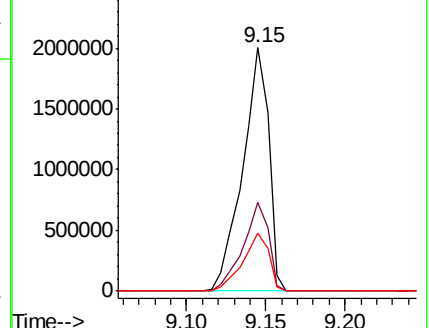
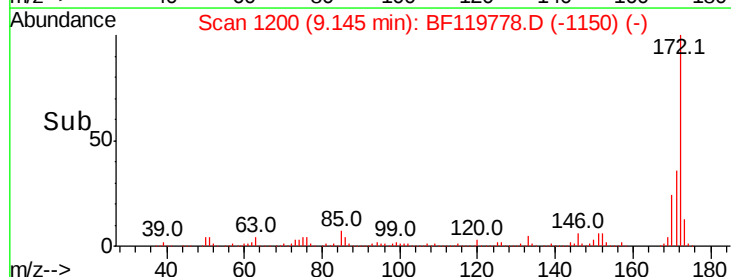
170 23.8 20.2 30.2

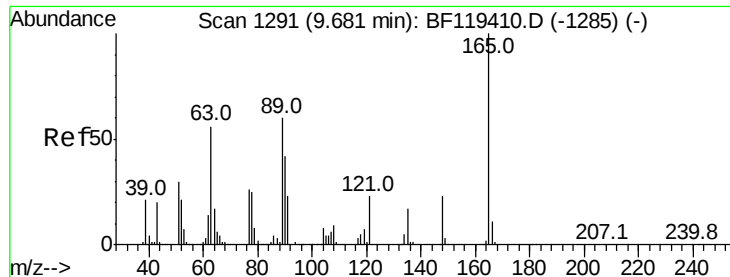


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.103 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

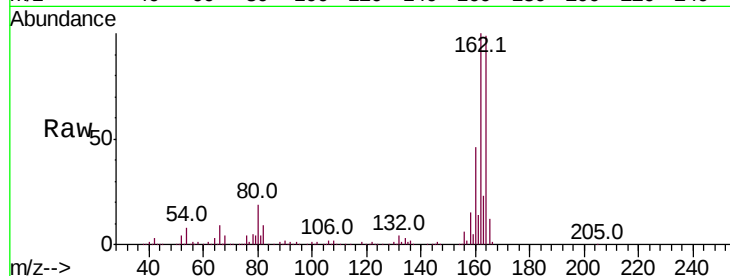
Tot Ion:165 Resp: 38325

Ion Ratio Lower Upper

165 100

63 2.0 45.0 67.4#

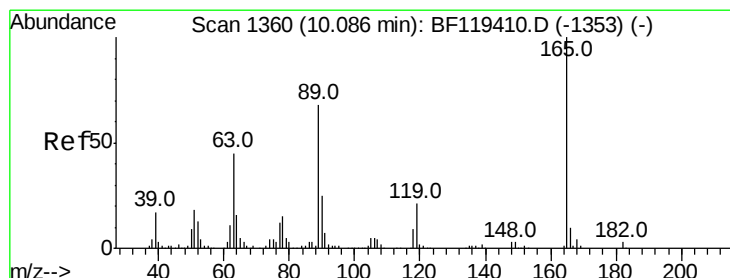
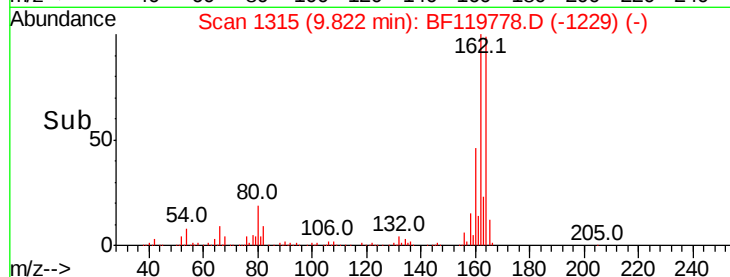
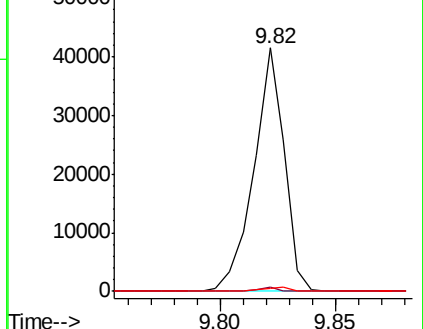
89 1.2 41.5 62.3#



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: 6.432 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.19 min

Lab File: BF119778.D

Acq: 6 Apr 2020 18:06

Tgt Ion:165 Resp: 38325

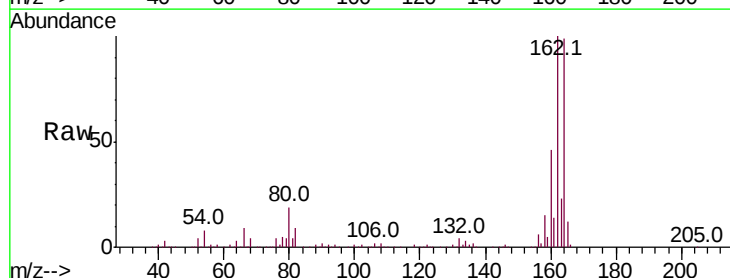
Ion Ratio Lower Upper

165 100

63 2.0 42.6 64.0#

89 1.2 61.0 91.4#

182 0.0 2.2 3.2#

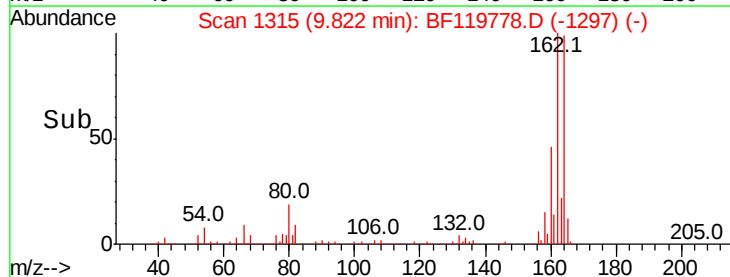
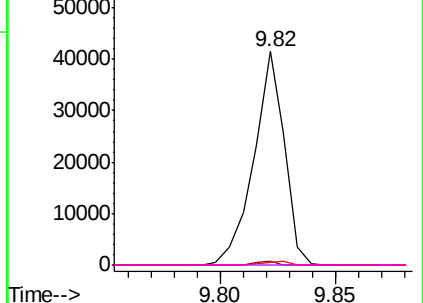


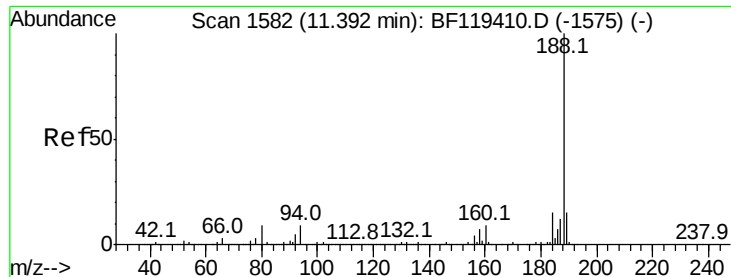
Abundance Ion 165.00 (164.70 to 165.70): E

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

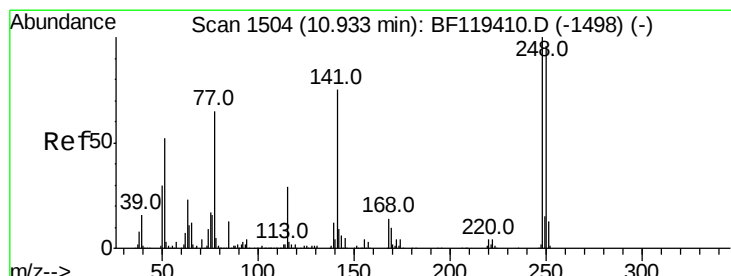
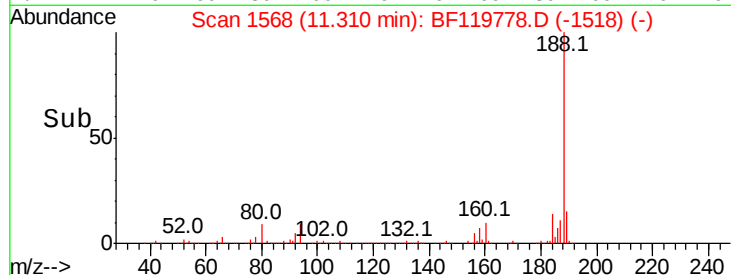
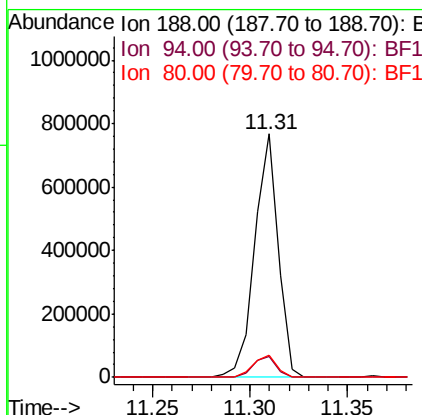
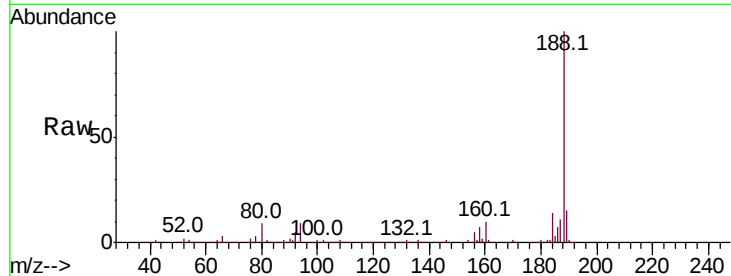




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

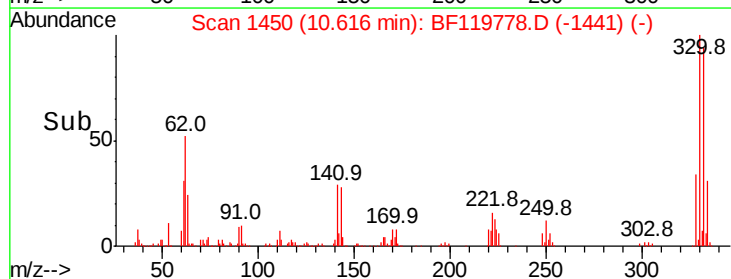
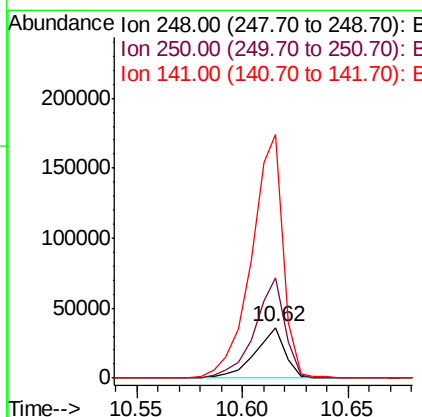
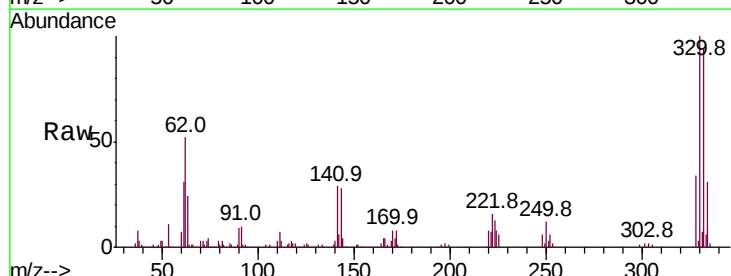
Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

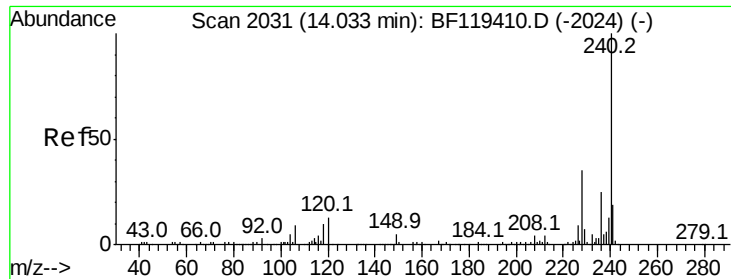
Tot Ion:188 Resp: 641639
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.5 11.3
 80 9.1 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.905 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

Tgt Ion:248 Resp: 35845
 Ion Ratio Lower Upper
 248 100
 250 199.5 77.3 115.9#
 141 482.1 58.6 87.8#

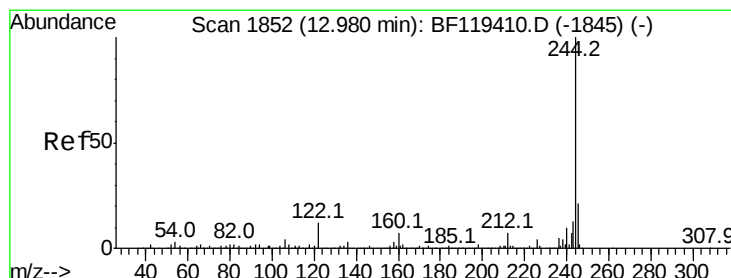
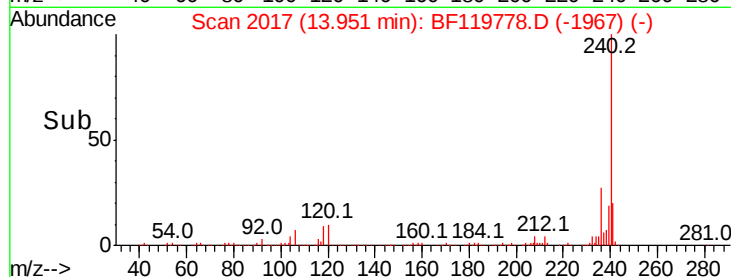
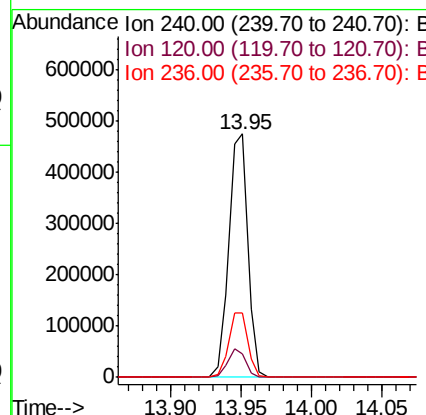
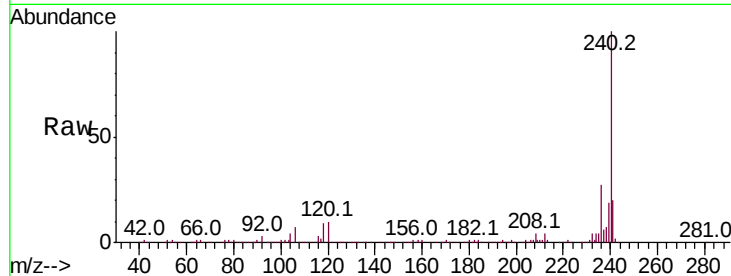




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

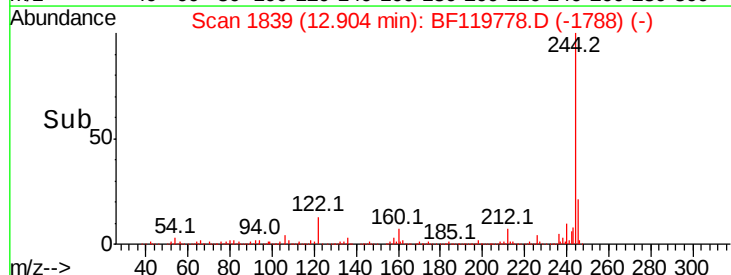
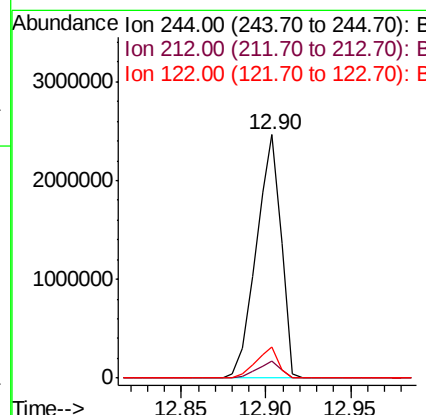
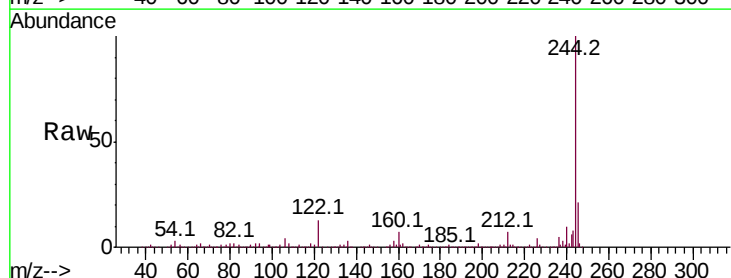
Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

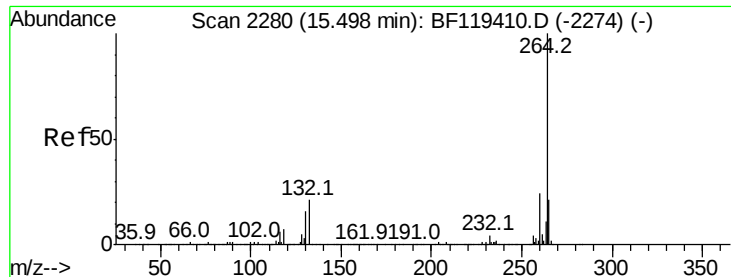
Tot Ion:240 Resp: 447408
 Ion Ratio Lower Upper
 240 100
 120 9.6 10.6 15.8#
 236 26.7 20.2 30.2



#79
 Terphenyl-d14
 Concen: 110.601 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

Tgt Ion:244 Resp: 2525686
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.6 10.3 15.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BF119778.D
 Acq: 6 Apr 2020 18:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

Tot Ion: 264 Resp: 286550
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 20.9 17.7 26.5

