

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127698.D
 Acq On : 07 Apr 2022 22:25
 Operator : CG\JU
 Sample : N2272-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Apr 08 04:46:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

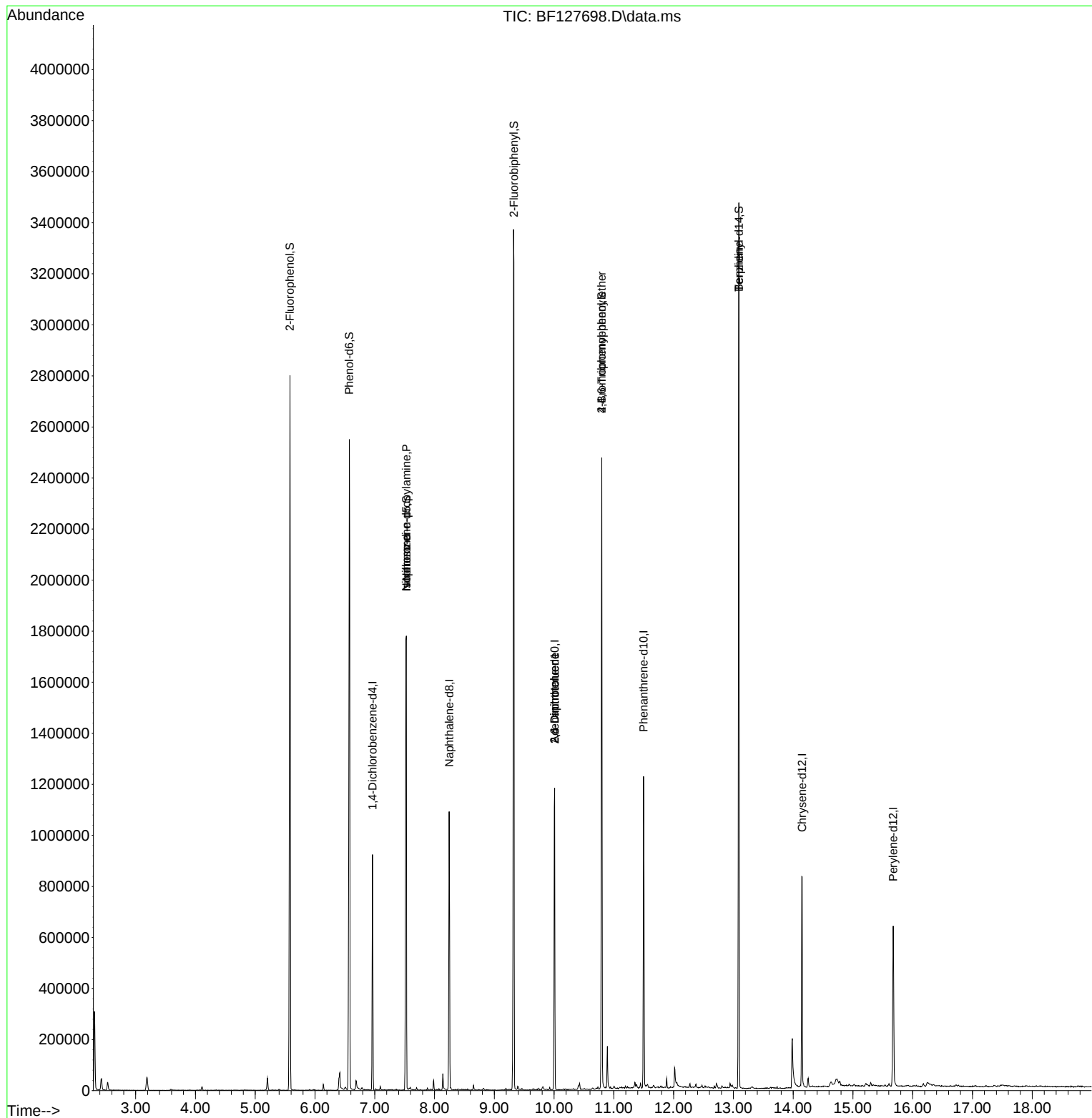
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	120517	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	438012	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	250958	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	440507	20.000	ng	0.00
76) Chrysene-d12	14.151	240	300336	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	304276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	701523	94.585	ng	0.00
7) Phenol-d6	6.575	99	918468	94.660	ng	0.00
23) Nitrobenzene-d5	7.528	82	637906	64.927	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	282397	105.744	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1137595	64.127	ng	0.00
79) Terphenyl-d14	13.092	244	1154638	63.457	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	137	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	87242	13.902	ng	# 72
25) Isophorone	7.528	82	637891	37.208	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	31800	9.274	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	31800	7.480	ng	# 13
67) 4-Bromophenyl-phenylether	10.798	248	18887	3.533	ng	# 1
77) Benizidine	13.092	184	17635	2.250	ng	# 93

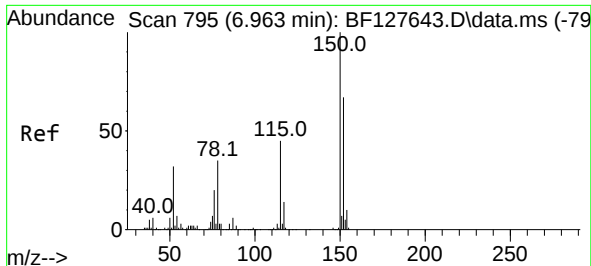
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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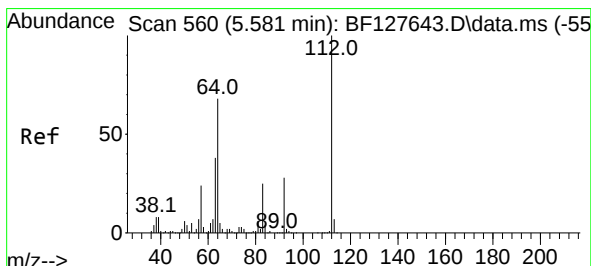
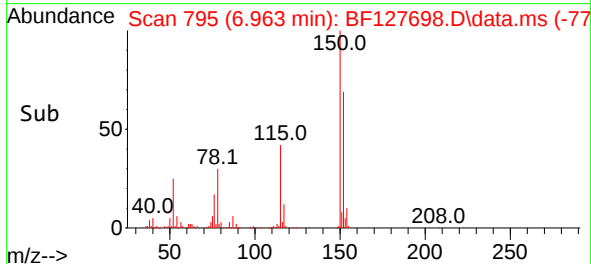
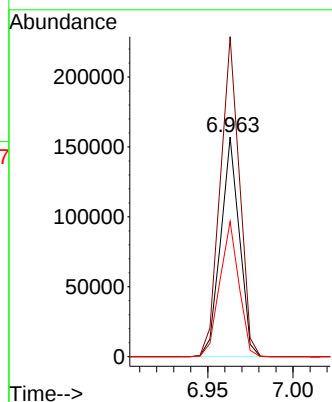
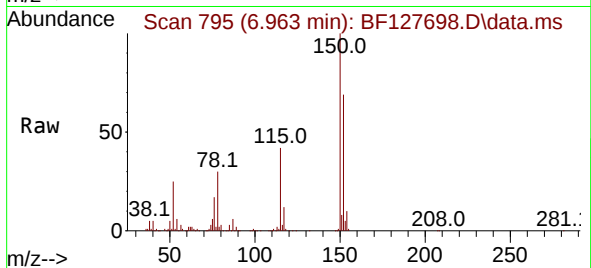




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

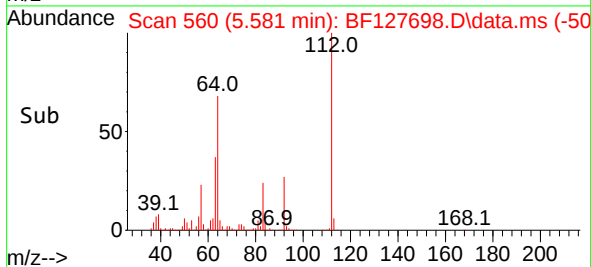
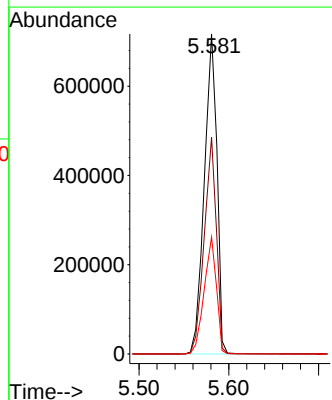
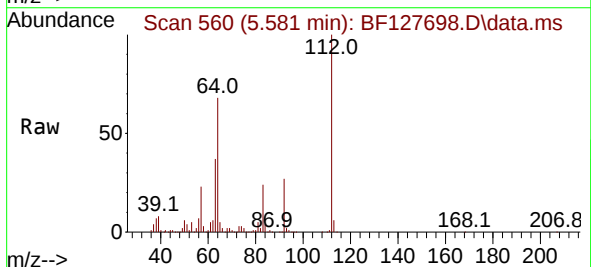
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 120517
Ion Ratio Lower Upper
152 100
150 145.7 117.2 175.8
115 61.6 49.8 74.6



#5
2-Fluorophenol
Concen: 94.585 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

Tgt Ion:112 Resp: 701523
Ion Ratio Lower Upper
112 100
64 67.7 58.4 87.6
63 36.5 30.1 45.1





#7

Phenol-d6

Concen: 94.660 ng

RT: 6.575 min Scan# 718

Delta R.T. -0.006 min

Lab File: BF127698.D

Acq: 07 Apr 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-1

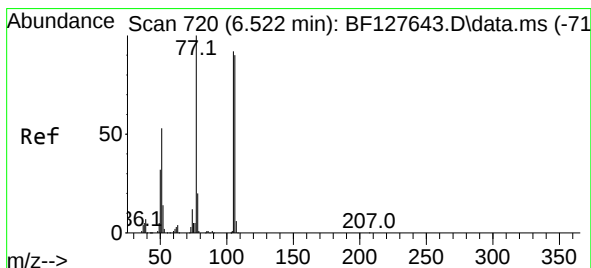
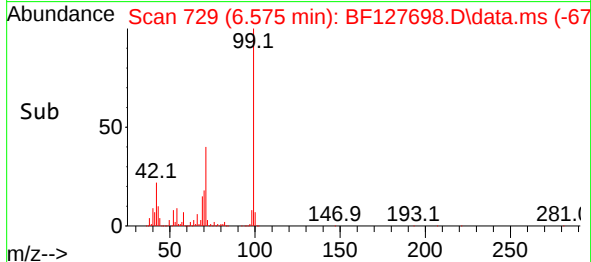
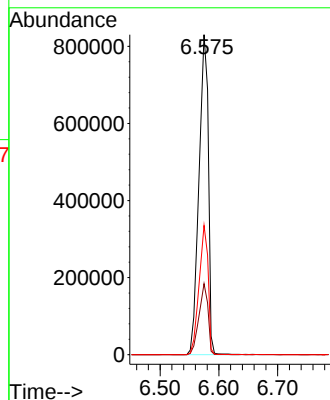
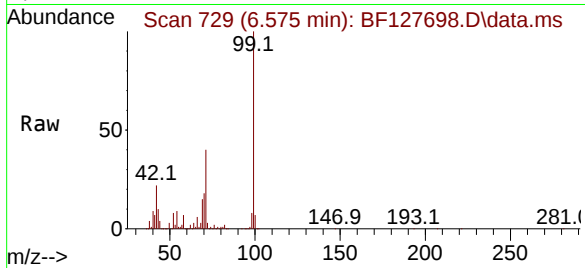
Tgt Ion: 99 Resp: 918468

Ion Ratio Lower Upper

99 100

42 22.2 17.8 26.6

71 40.4 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 718

Delta R.T. -0.012 min

Lab File: BF127698.D

Acq: 07 Apr 2022 22:25

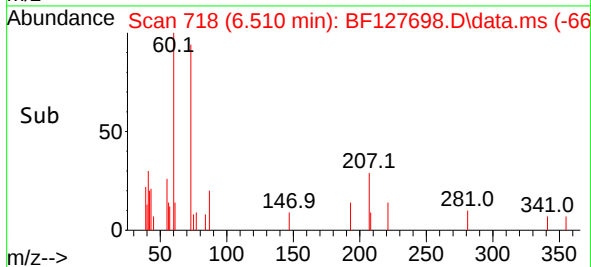
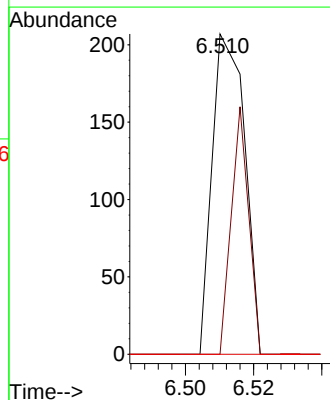
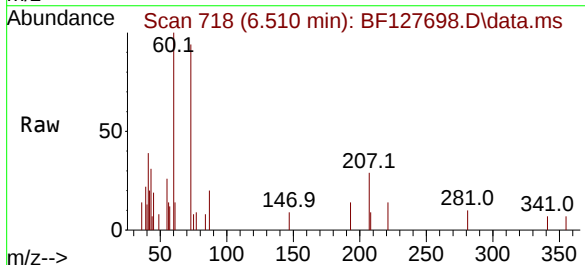
Tgt Ion: 77 Resp: 137

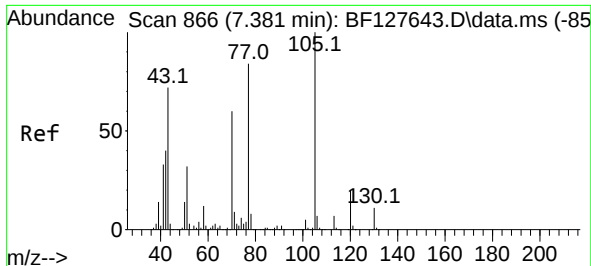
Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#

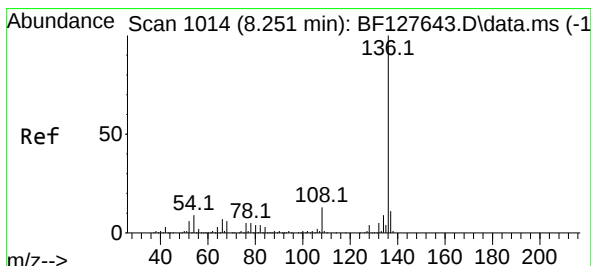
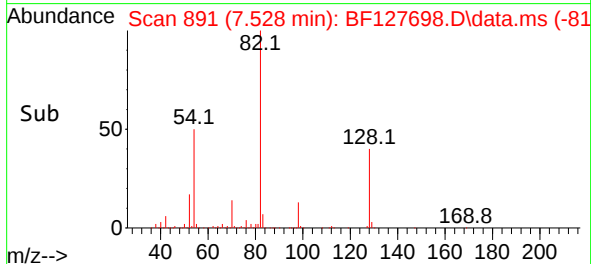
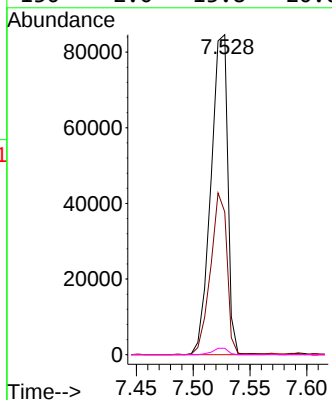
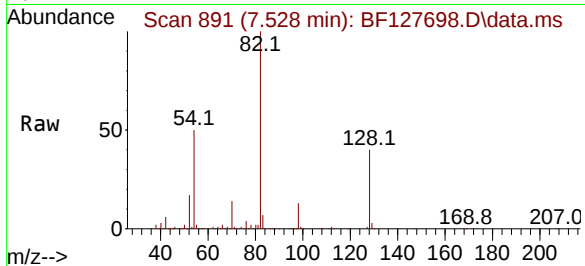




#19
n-Nitroso-di-n-propylamine
Concen: 13.902 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

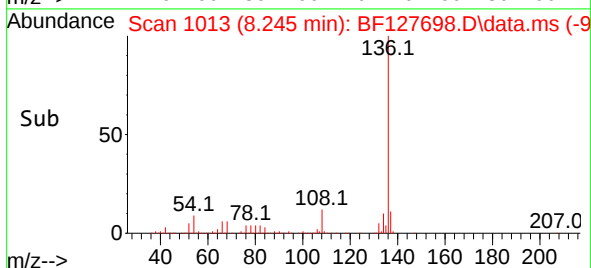
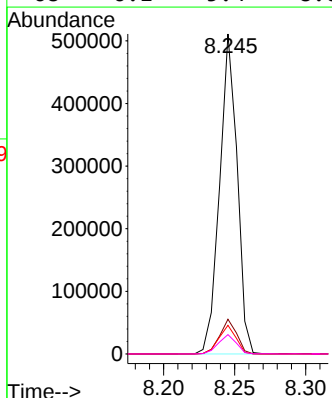
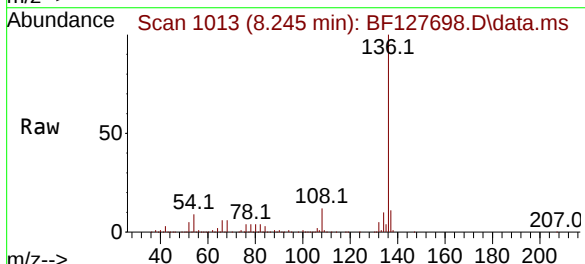
Instrument :
BNA_F
ClientSampleId :
TP-1

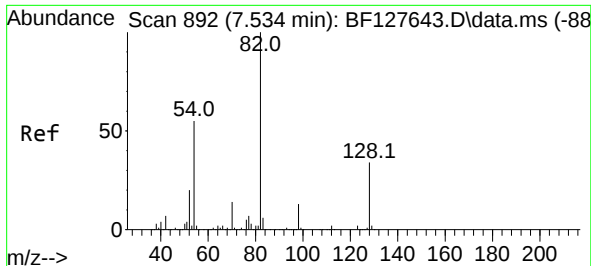
Tgt Ion: 70 Resp: 87242
Ion Ratio Lower Upper
70 100
42 44.6 53.0 79.6#
101 0.0 6.8 10.2#
130 2.0 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

Tgt Ion: 136 Resp: 438012
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 9.2 13.8#
68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 64.927 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127698.D

Acq: 07 Apr 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-1

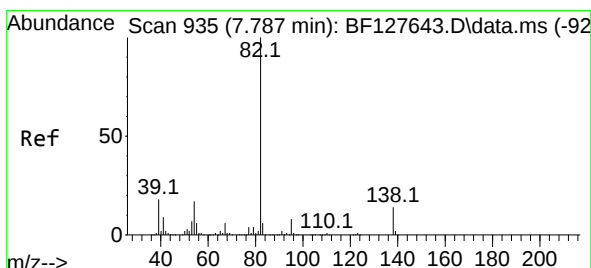
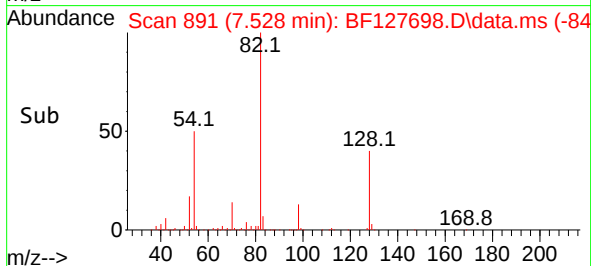
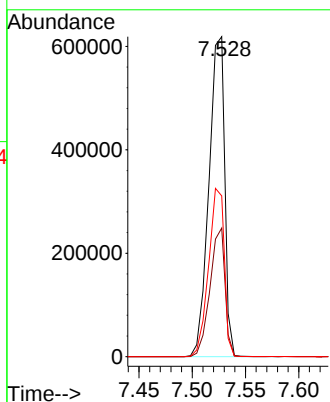
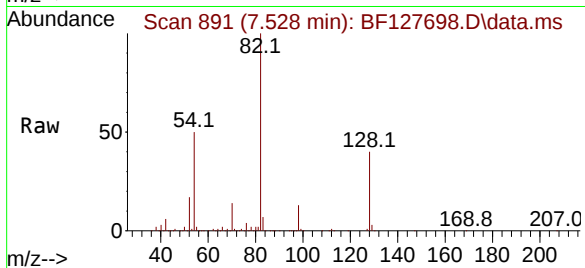
Tgt Ion: 82 Resp: 637906

Ion Ratio Lower Upper

82 100

128 40.2 30.6 45.8

54 50.3 48.2 72.2



#25

Isophorone

Concen: 37.208 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127698.D

Acq: 07 Apr 2022 22:25

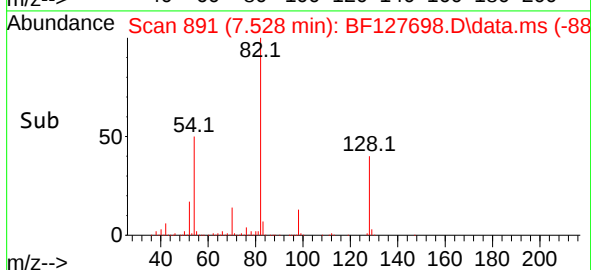
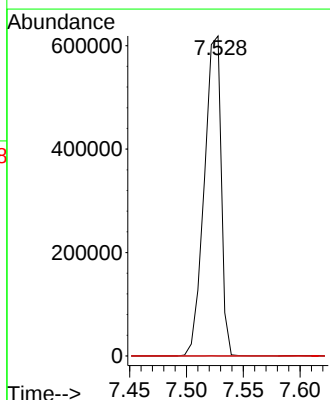
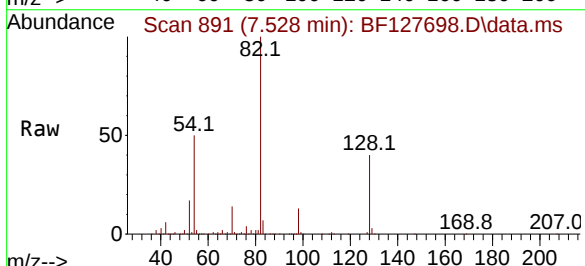
Tgt Ion: 82 Resp: 637891

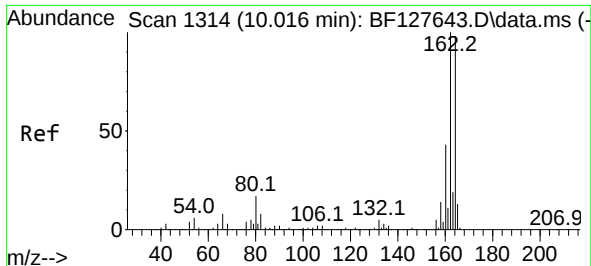
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

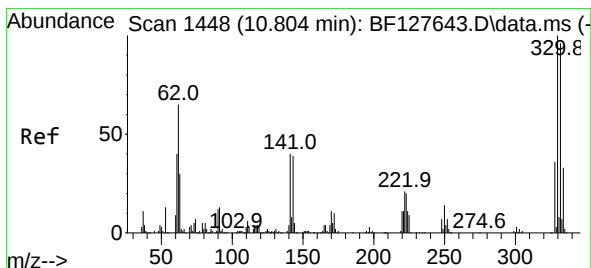
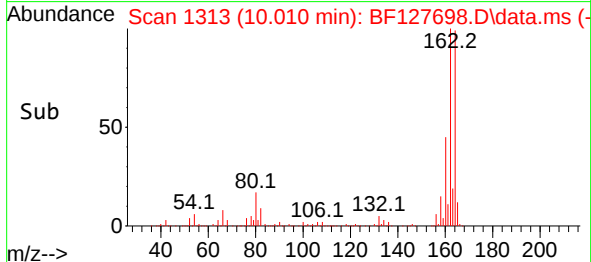
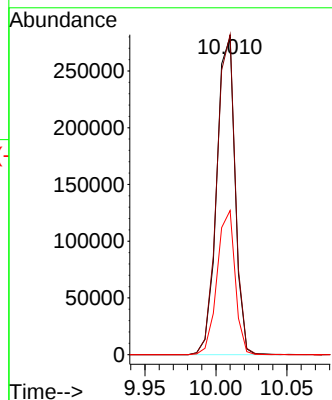
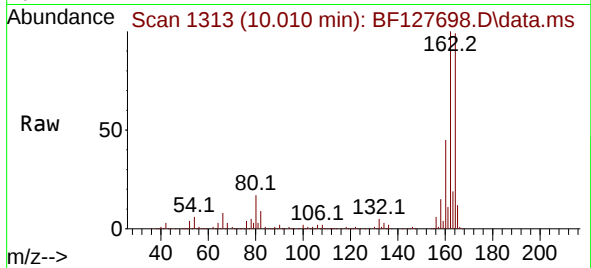




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

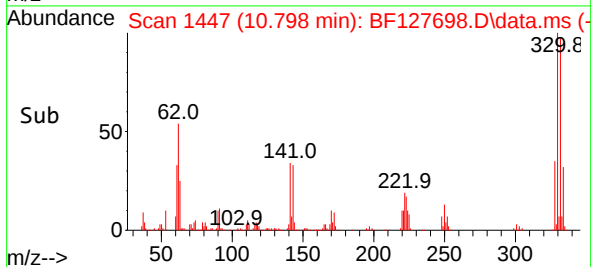
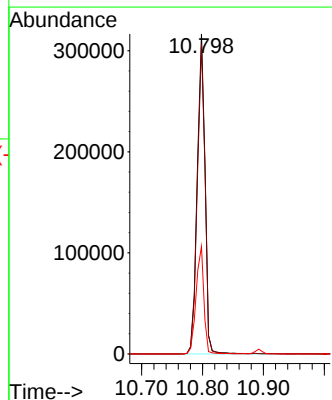
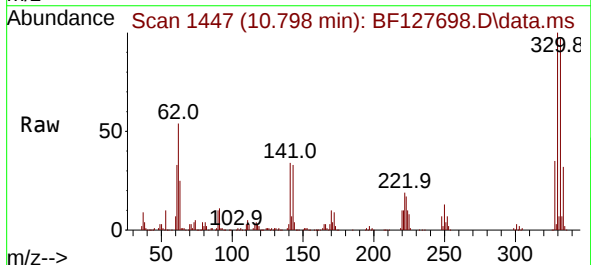
Instrument :
BNA_F
ClientSampleId :
TP-1

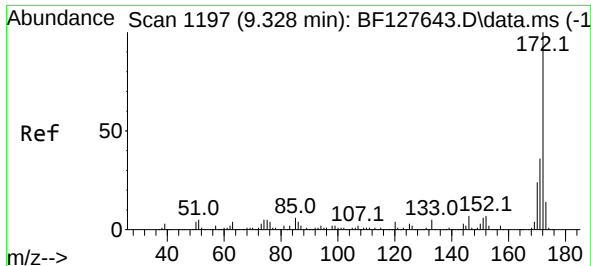
Tgt Ion:164 Resp: 250958
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 45.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 105.744 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

Tgt Ion:330 Resp: 282397
Ion Ratio Lower Upper
330 100
332 95.9 79.1 118.7
141 33.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 64.127 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127698.D

Acq: 07 Apr 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-1

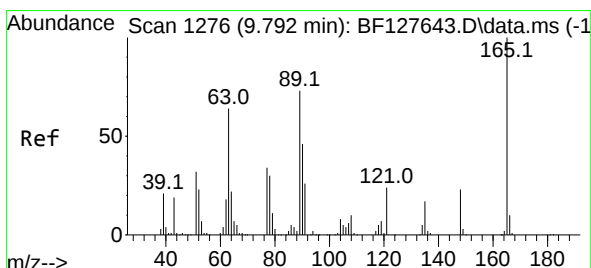
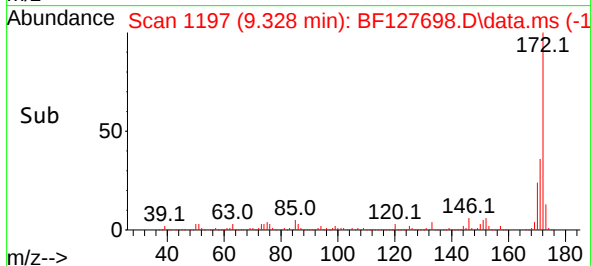
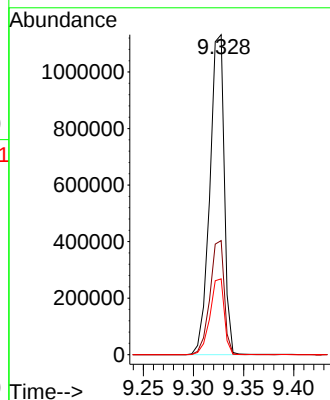
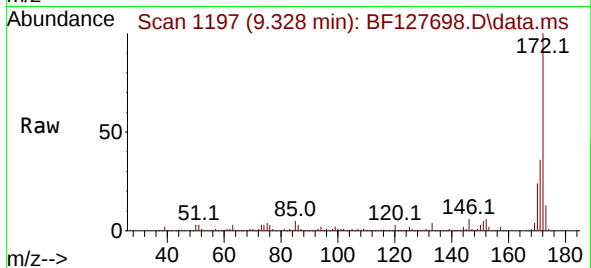
Tgt Ion:172 Resp: 1137595

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.274 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127698.D

Acq: 07 Apr 2022 22:25

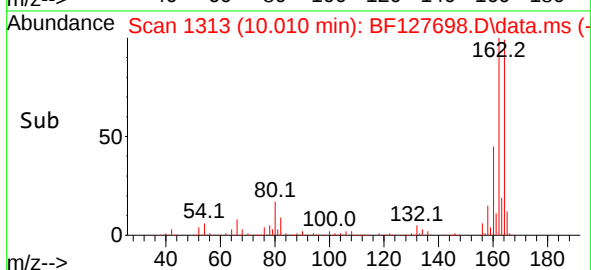
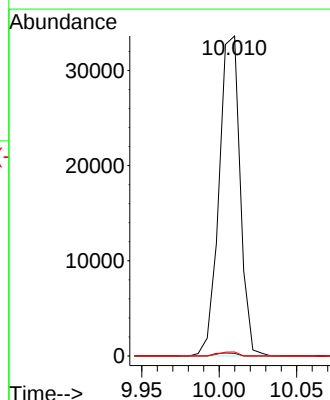
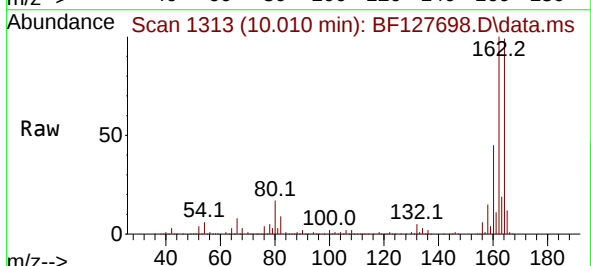
Tgt Ion:165 Resp: 31800

Ion Ratio Lower Upper

165 100

63 0.8 58.3 87.5#

89 1.3 51.5 77.3#

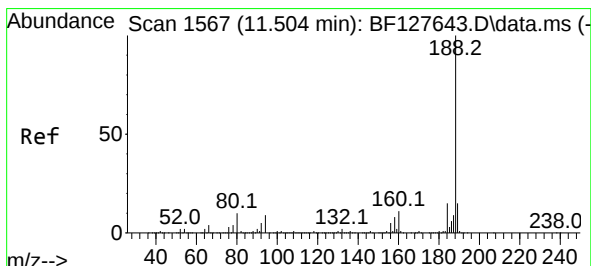
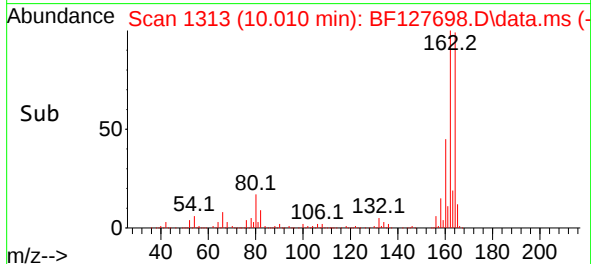
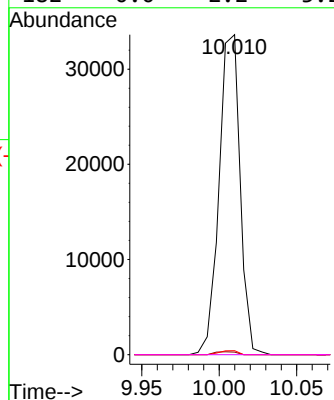
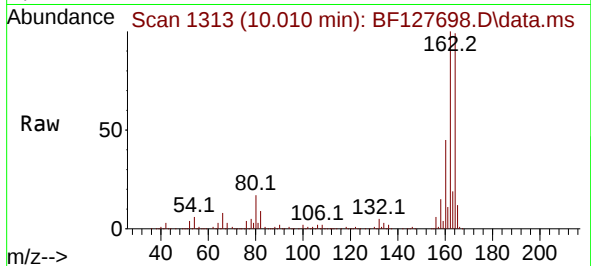




#57
2,4-Dinitrotoluene
Concen: 7.480 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

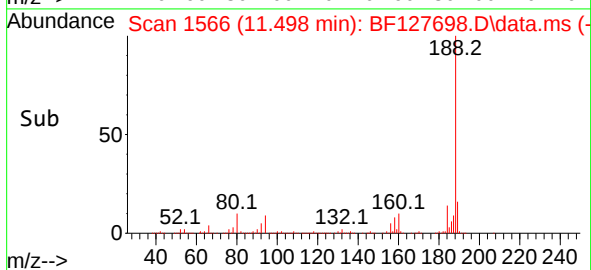
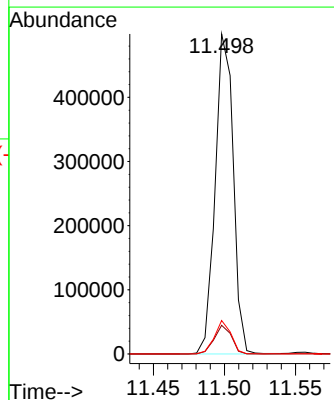
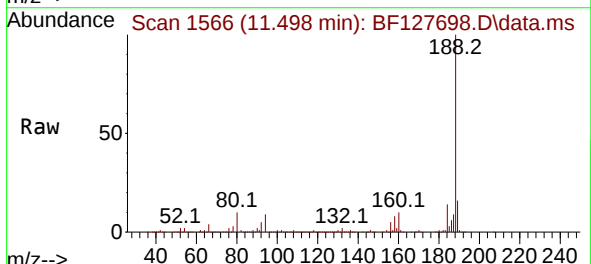
Instrument :
BNA_F
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TP-1

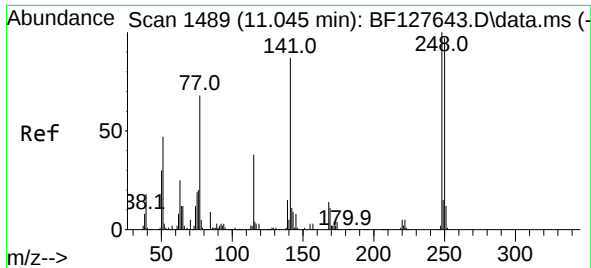
Tgt Ion:165 Resp: 31800
Ion Ratio Lower Upper
165 100
63 0.8 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

Tgt Ion:188 Resp: 440507
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 10.5 8.0 12.0

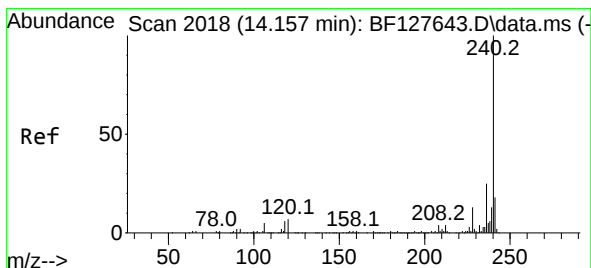
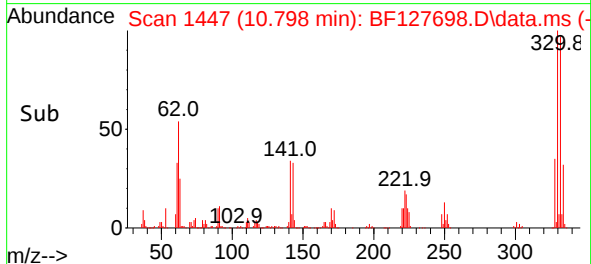
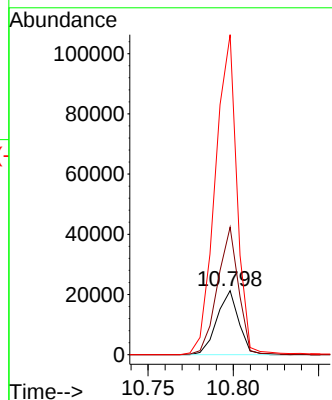
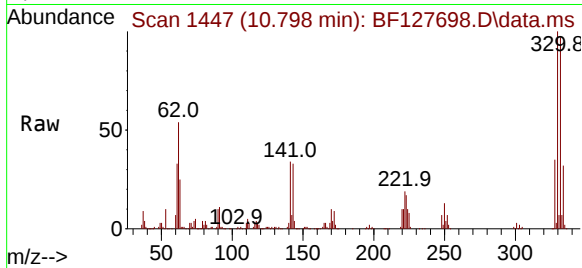




#67
4-Bromophenyl-phenylether
Concen: 3.533 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

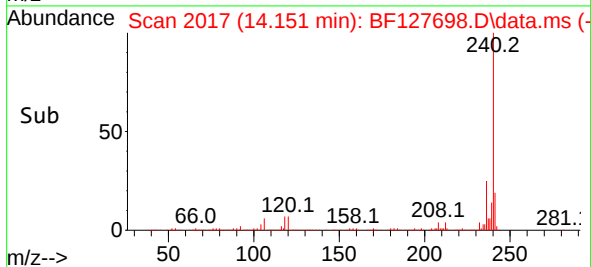
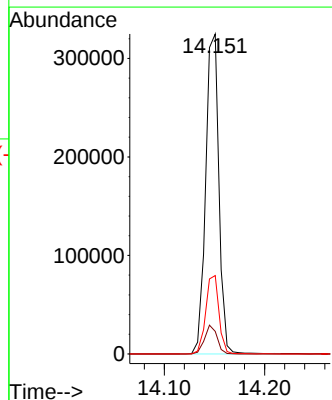
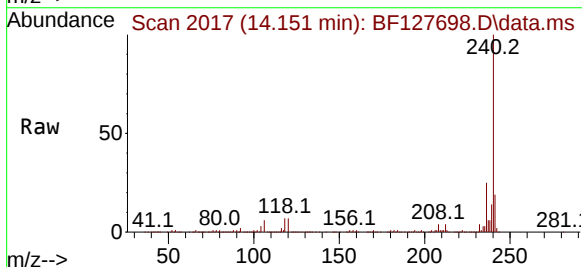
Instrument :
BNA_F
ClientSampleId :
TP-1

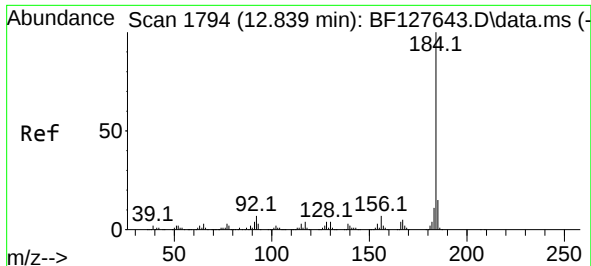
Tgt Ion:248 Resp: 18887
Ion Ratio Lower Upper
248 100
250 199.1 76.6 115.0#
141 499.8 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

Tgt Ion:240 Resp: 300336
Ion Ratio Lower Upper
240 100
120 7.0 7.1 10.7#
236 24.5 20.7 31.1

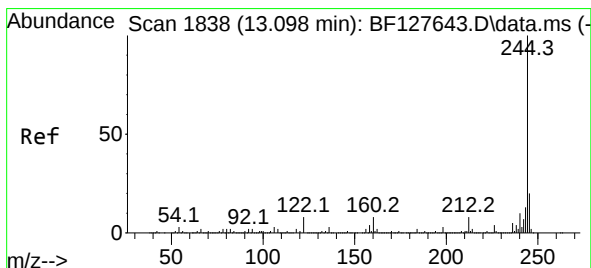
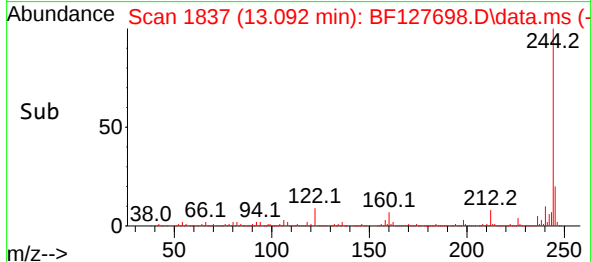
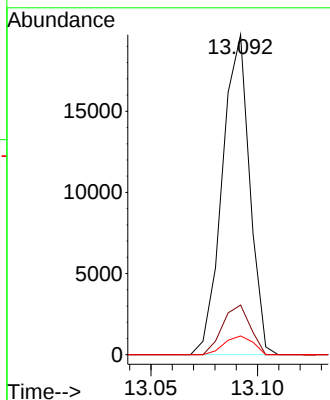
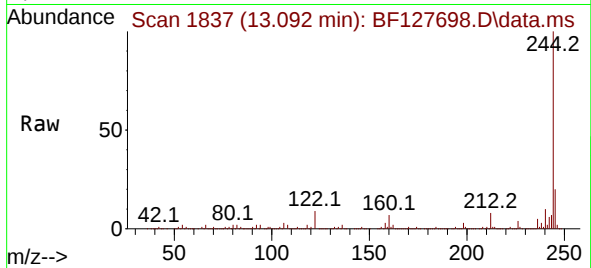




#77
Benzidine
Concen: 2.250 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

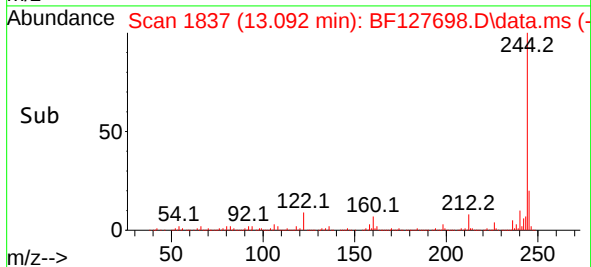
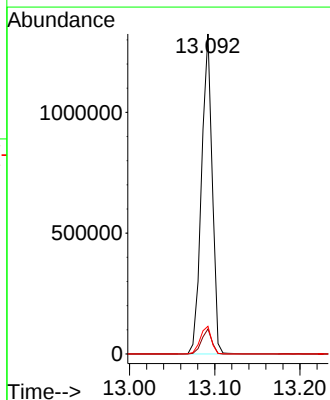
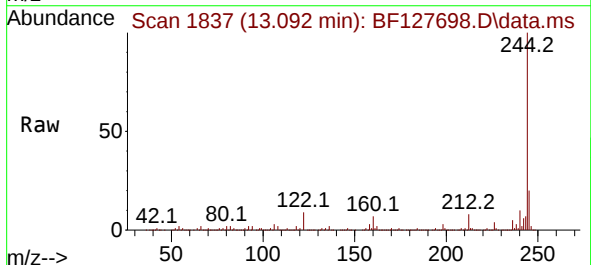
Instrument :
BNA_F
ClientSampleId :
TP-1

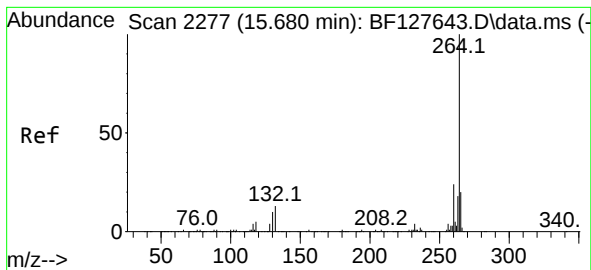
Tgt Ion:184 Resp: 17635
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 5.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 63.457 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127698.D
Acq: 07 Apr 2022 22:25

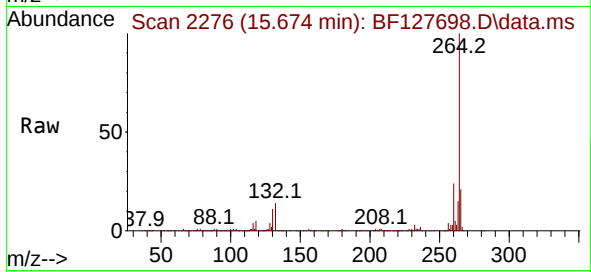
Tgt Ion:244 Resp: 1154638
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 8.6 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127698.D
 Acq: 07 Apr 2022 22:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-1



Tgt Ion:264 Resp: 304276
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.1 17.4 26.2

