

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127699.D
 Acq On : 07 Apr 2022 22:54
 Operator : CG\JU
 Sample : N2272-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Apr 08 04:46:48 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)

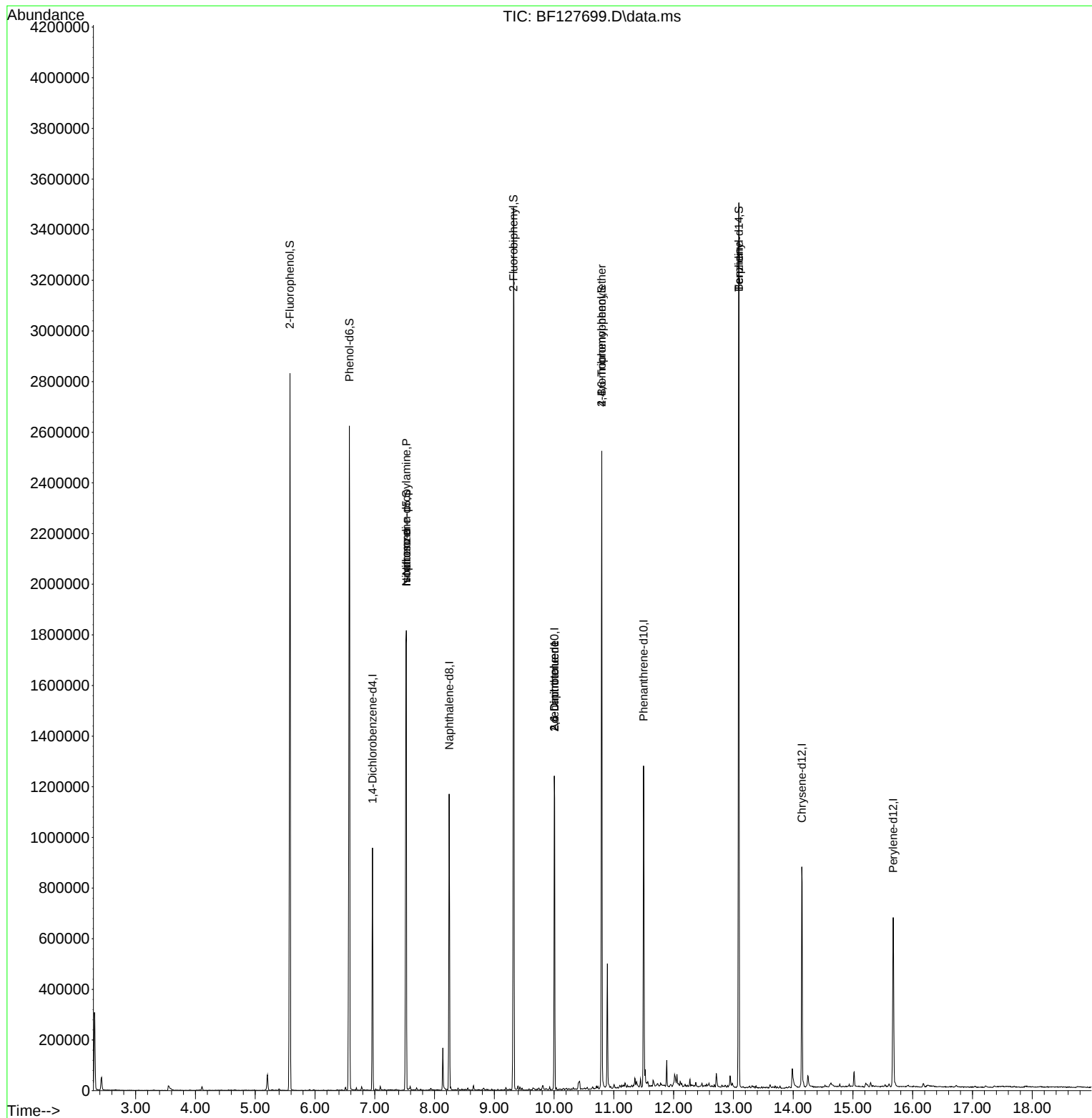
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	127523	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	453504	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	262901	20.000	ng	-0.01
64) Phenanthrene-d10	11.498	188	454390	20.000	ng	0.00
76) Chrysene-d12	14.145	240	317700	20.000	ng	-0.01
86) Perylene-d12	15.674	264	315349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	724947	92.373	ng	0.00
7) Phenol-d6	6.575	99	936472	91.213	ng	0.00
23) Nitrobenzene-d5	7.528	82	651851	64.080	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	277472	99.180	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1128864	60.744	ng	0.00
79) Terphenyl-d14	13.092	244	1165949	60.577	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	132	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	87680	13.204	ng	# 72
25) Isophorone	7.528	82	651840	36.723	ng	# 70
51) 2,6-Dinitrotoluene	10.004	165	33610	9.357	ng	# 17
57) 2,4-Dinitrotoluene	10.004	165	33610	7.547	ng	# 13
67) 4-Bromophenyl-phenylether	10.798	248	18128	3.287	ng	# 1
77) Benzidine	13.092	184	16634	2.006	ng	# 92

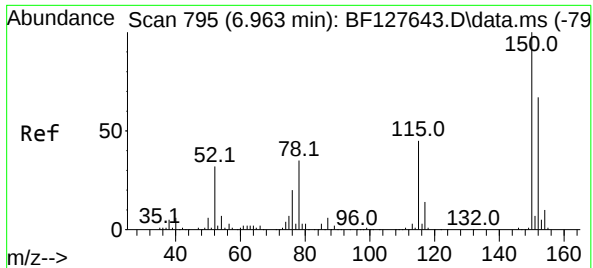
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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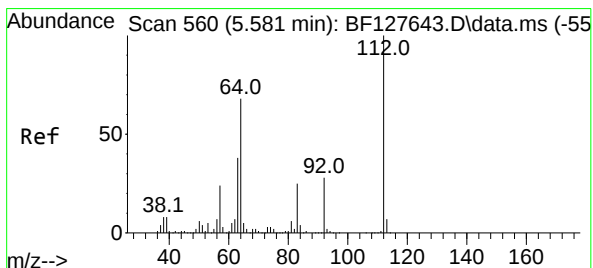
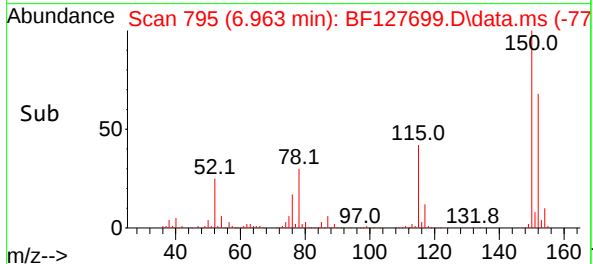
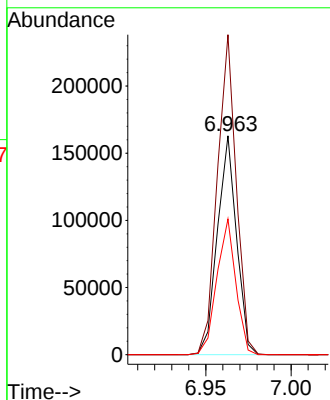
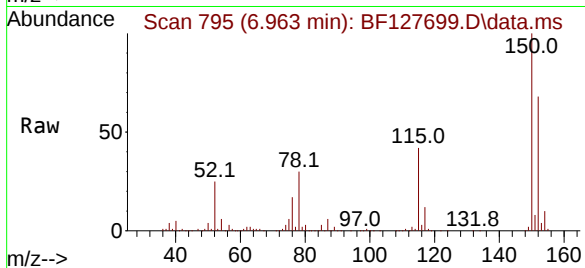




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127699.D
 Acq: 07 Apr 2022 22:54

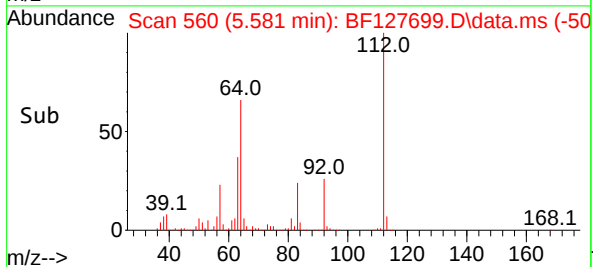
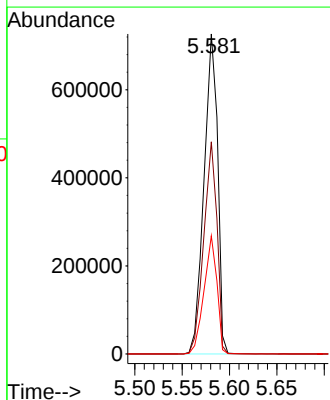
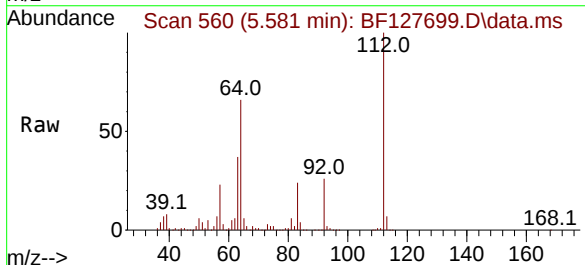
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:152 Resp: 127523
 Ion Ratio Lower Upper
 152 100
 150 146.2 117.2 175.8
 115 62.0 49.8 74.6



#5
 2-Fluorophenol
 Concen: 92.373 ng
 RT: 5.581 min Scan# 560
 Delta R.T. -0.000 min
 Lab File: BF127699.D
 Acq: 07 Apr 2022 22:54

Tgt Ion:112 Resp: 724947
 Ion Ratio Lower Upper
 112 100
 64 66.3 58.4 87.6
 63 36.9 30.1 45.1

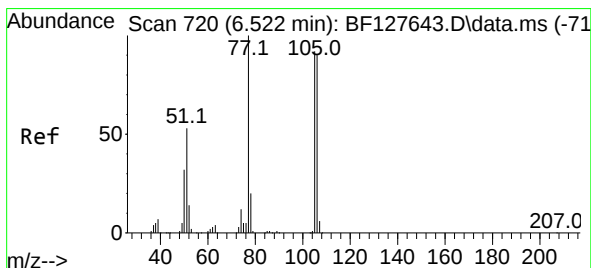
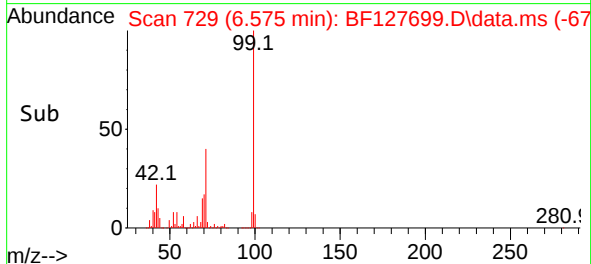
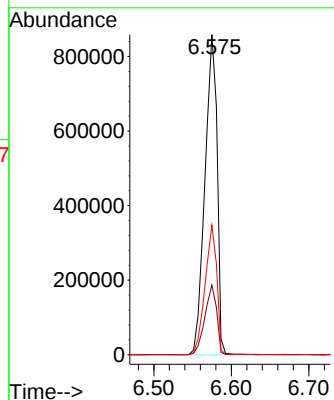
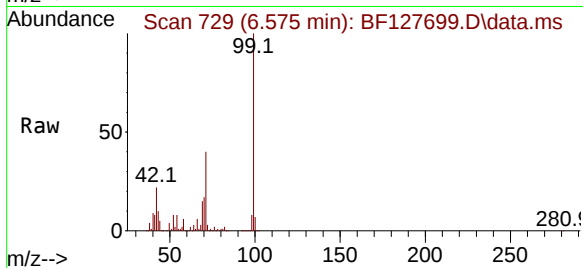




#7
Phenol-d6
Concen: 91.213 ng
RT: 6.575 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

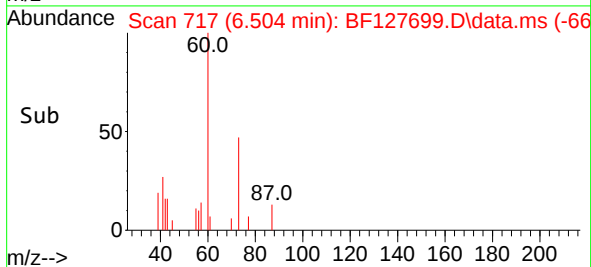
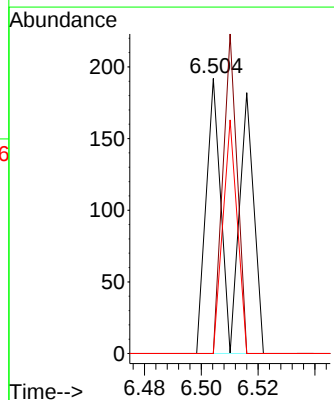
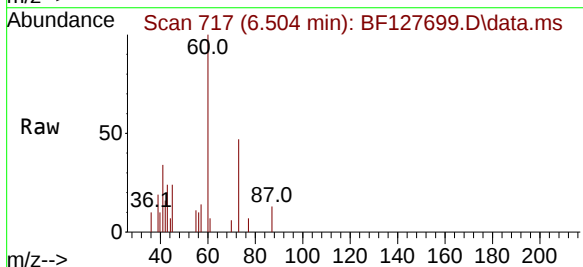
Instrument :
BNA_F
ClientSampleId :
TP-3

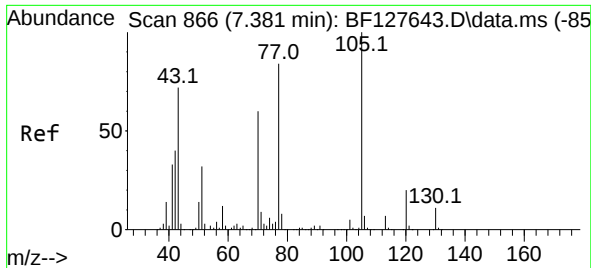
Tgt Ion: 99 Resp: 936472
Ion Ratio Lower Upper
99 100
42 21.7 17.8 26.6
71 40.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 717
Delta R.T. -0.018 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

Tgt Ion: 77 Resp: 132
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

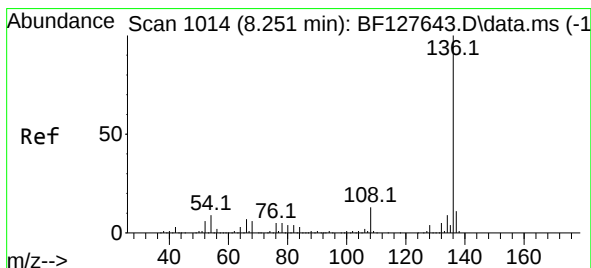
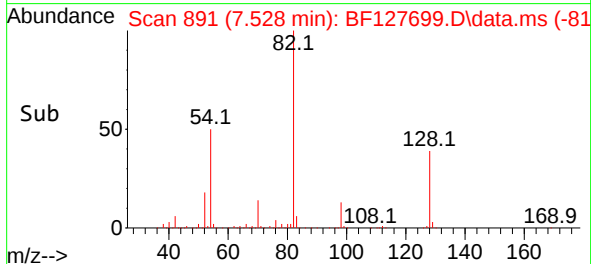
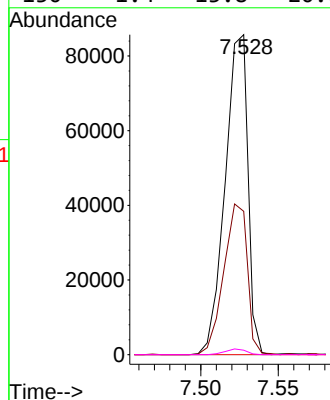
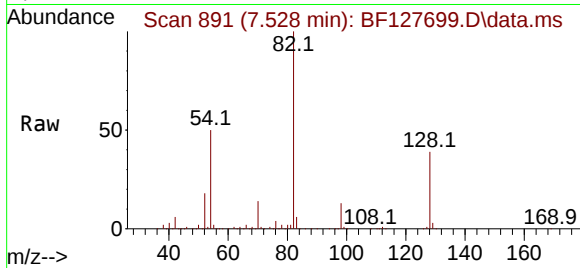




#19
n-Nitroso-di-n-propylamine
Concen: 13.204 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

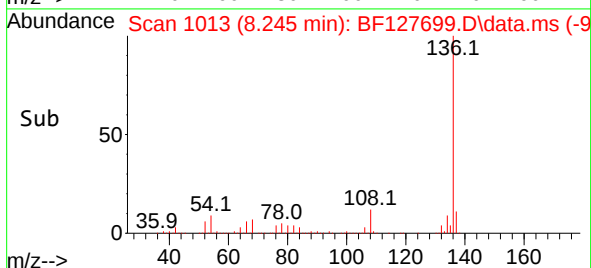
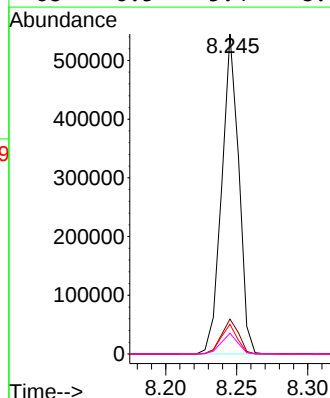
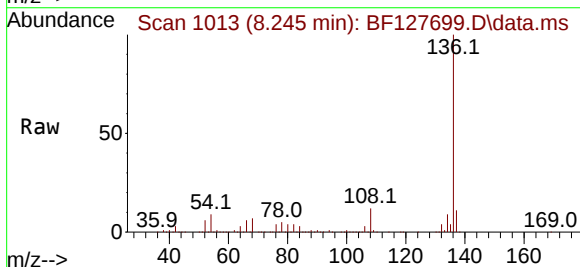
Instrument :
BNA_F
ClientSampleId :
TP-3

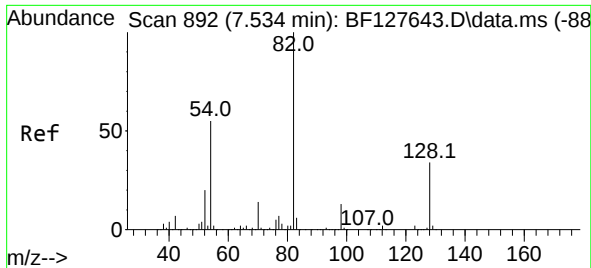
Tgt Ion: 70 Resp: 87680
Ion Ratio Lower Upper
70 100
42 44.8 53.0 79.6#
101 0.0 6.8 10.2#
130 1.4 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

Tgt Ion: 136 Resp: 453504
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 9.2 13.8
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 64.080 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127699.D

Acq: 07 Apr 2022 22:54

Instrument :

BNA_F

ClientSampleId :

TP-3

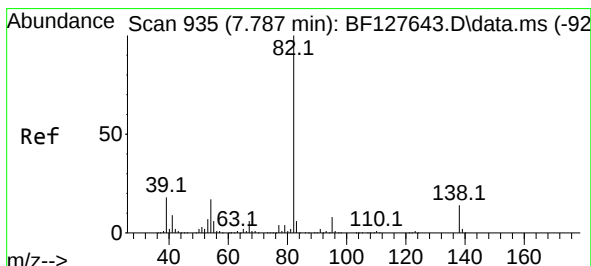
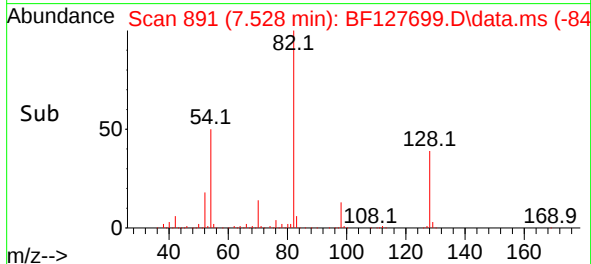
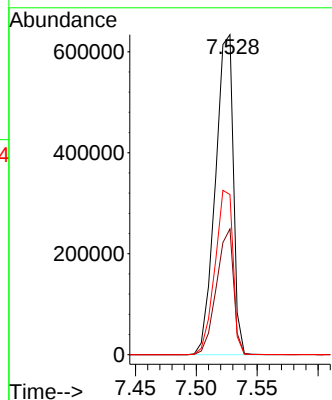
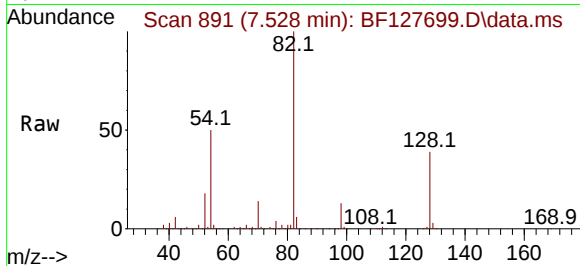
Tgt Ion: 82 Resp: 651851

Ion Ratio Lower Upper

82 100

128 39.3 30.6 45.8

54 50.1 48.2 72.2



#25

Isophorone

Concen: 36.723 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127699.D

Acq: 07 Apr 2022 22:54

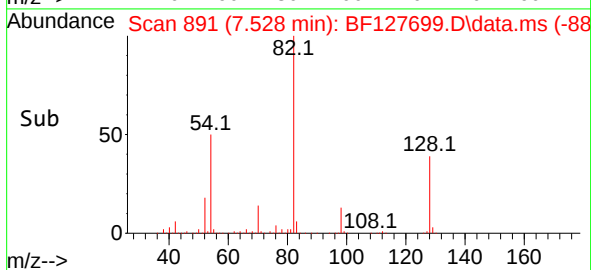
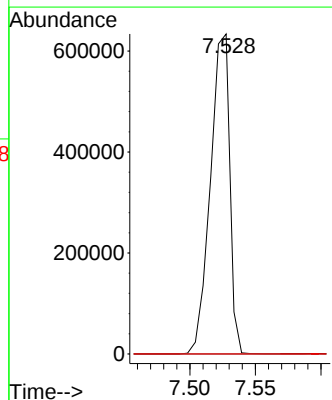
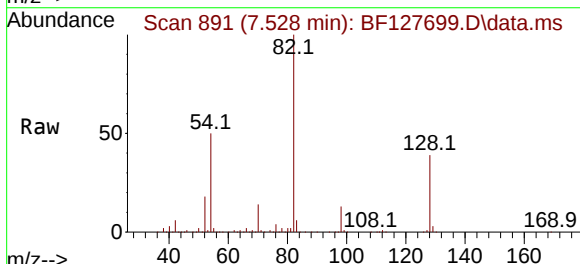
Tgt Ion: 82 Resp: 651840

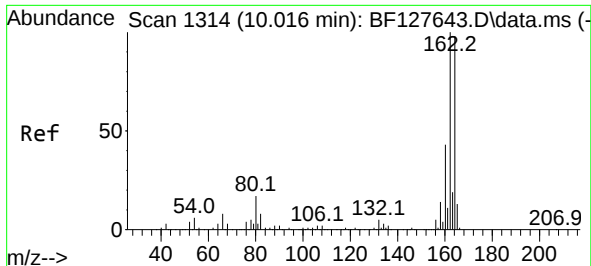
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

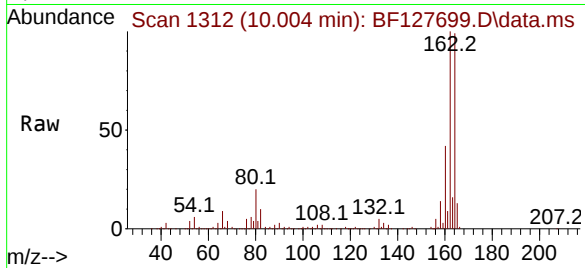
138 0.0 11.6 17.4#



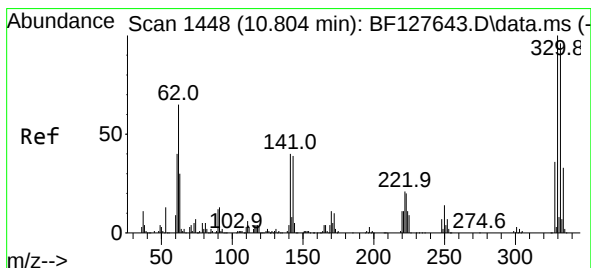
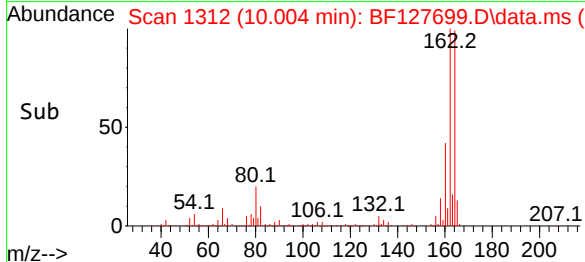
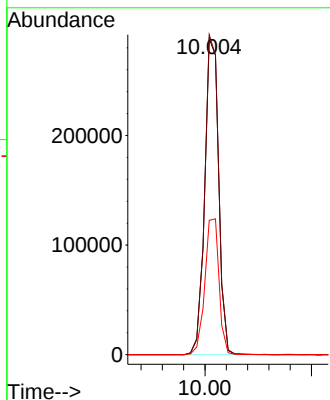


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

Instrument :
BNA_F
ClientSampleId :
TP-3

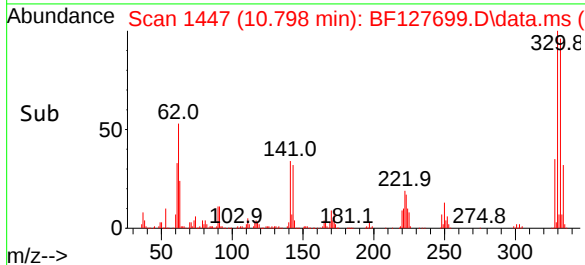
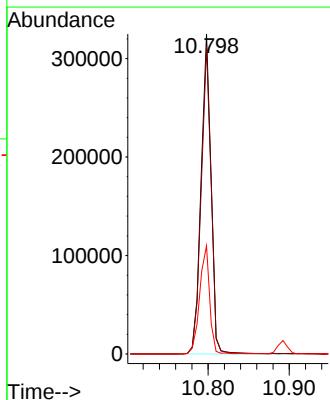
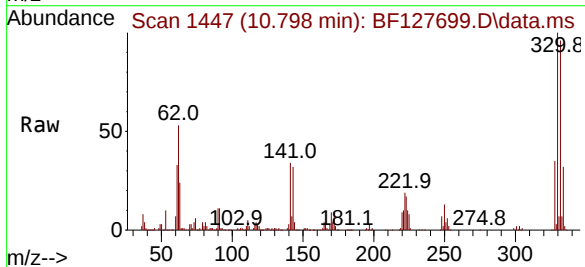


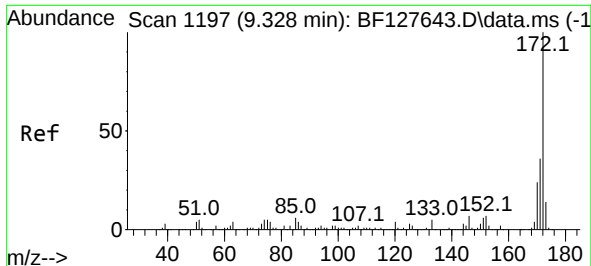
Tgt Ion:164 Resp: 262901
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 42.5 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 99.180 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

Tgt Ion:330 Resp: 277472
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 34.1 26.2 39.4

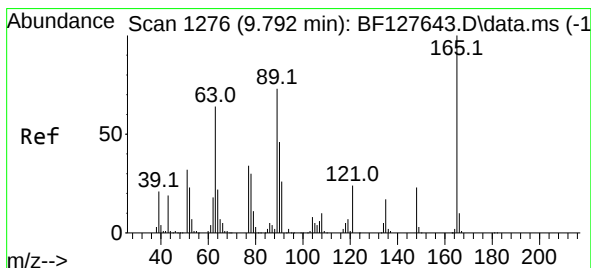
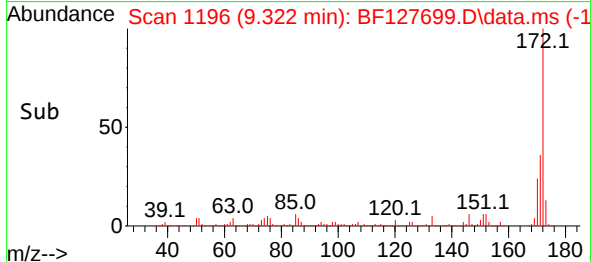
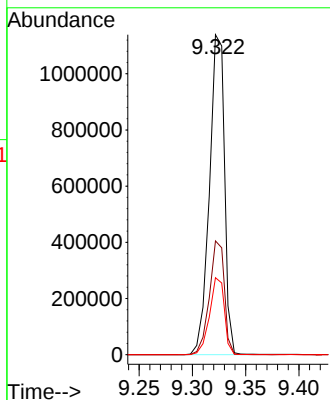
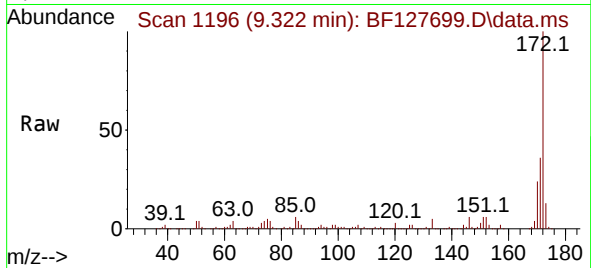




#45
2-Fluorobiphenyl
Concen: 60.744 ng
RT: 9.322 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

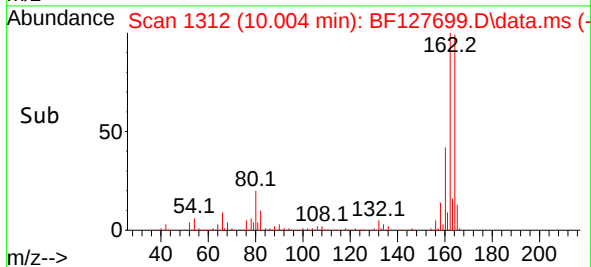
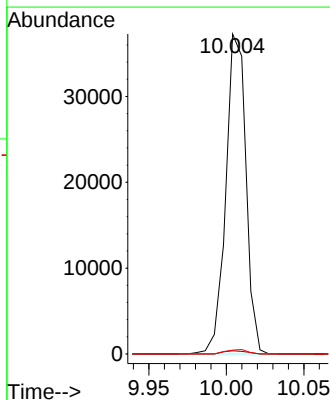
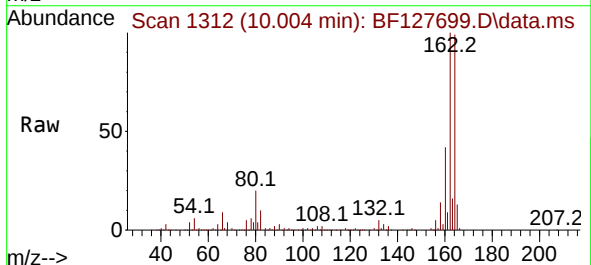
Instrument :
BNA_F
ClientSampleId :
TP-3

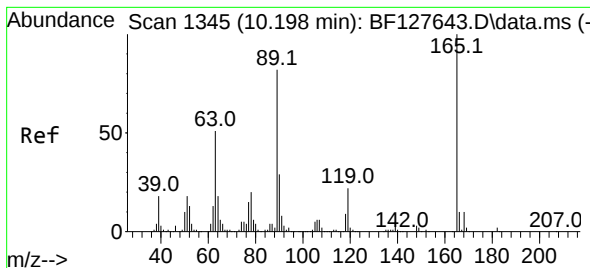
Tgt Ion:172 Resp: 1128864
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.357 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

Tgt Ion:165 Resp: 33610
Ion Ratio Lower Upper
165 100
63 1.0 58.3 87.5#
89 1.2 51.5 77.3#

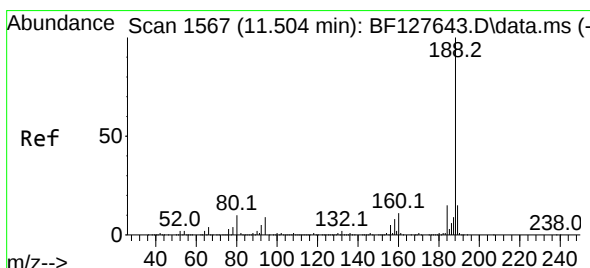
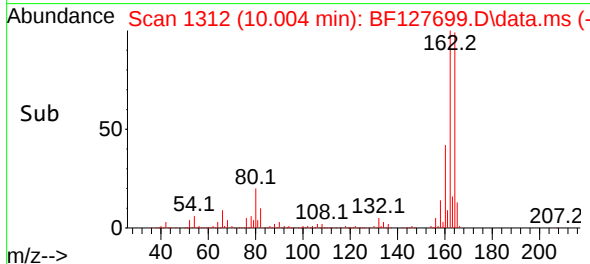
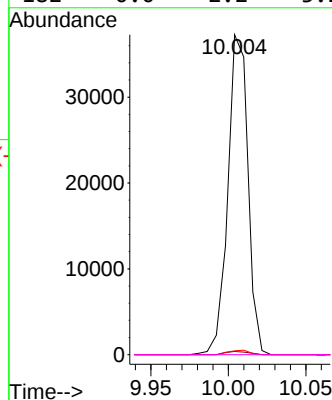
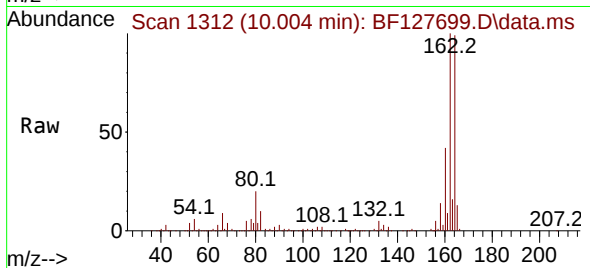




#57
2,4-Dinitrotoluene
Concen: 7.547 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

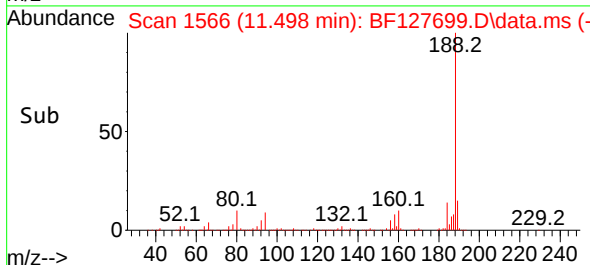
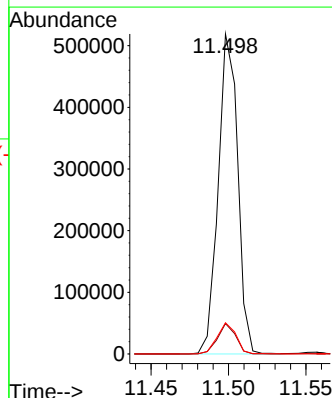
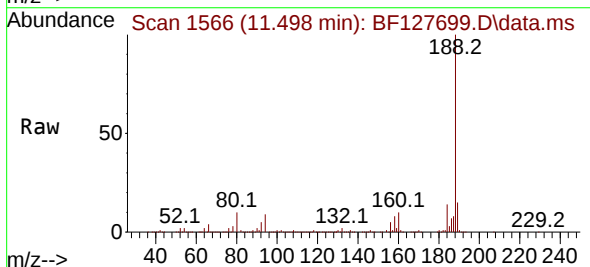
Instrument :
BNA_F
ClientSampleId :
TP-3

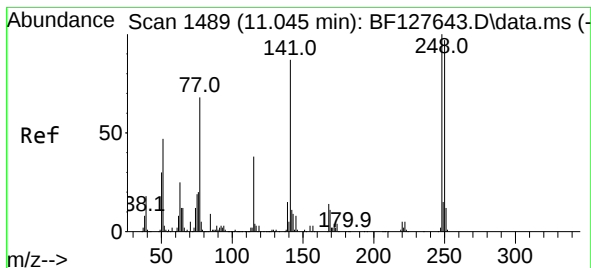
Tgt Ion:165 Resp: 33610
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

Tgt Ion:188 Resp: 454390
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 9.7 8.0 12.0

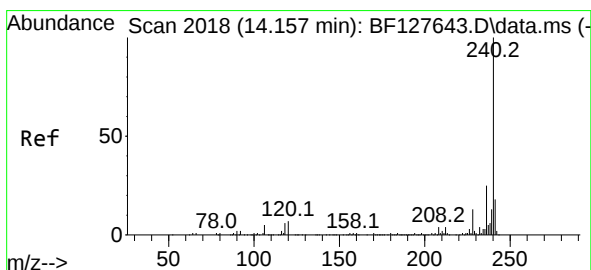
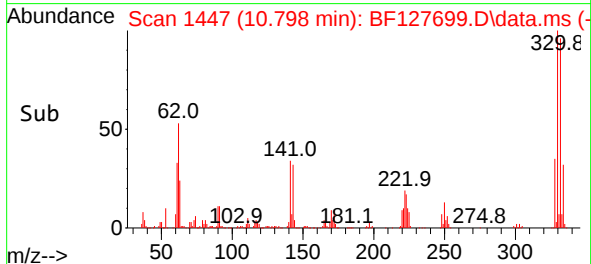
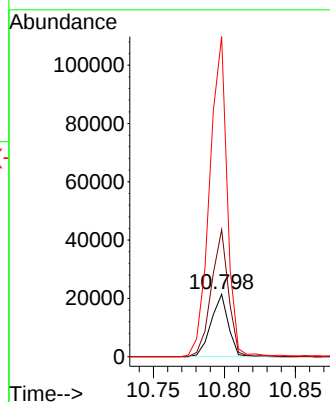
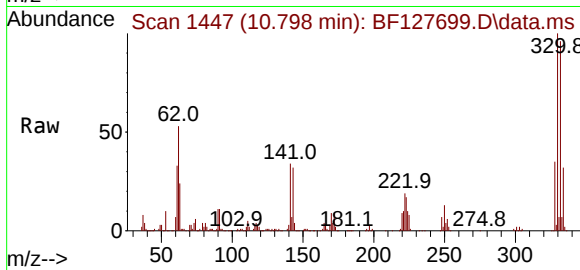




#67
4-Bromophenyl-phenylether
Concen: 3.287 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

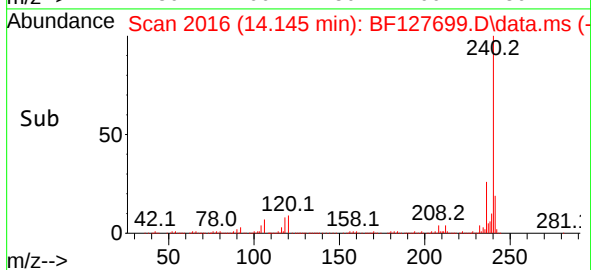
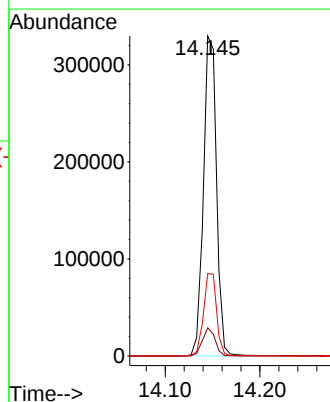
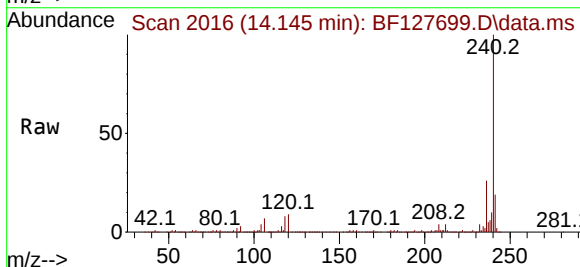
Instrument :
BNA_F
ClientSampleId :
TP-3

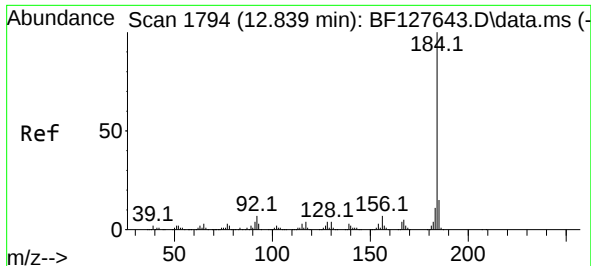
Tgt Ion:248 Resp: 18128
Ion Ratio Lower Upper
248 100
250 203.5 76.6 115.0#
141 512.9 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

Tgt Ion:240 Resp: 317700
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 25.8 20.7 31.1

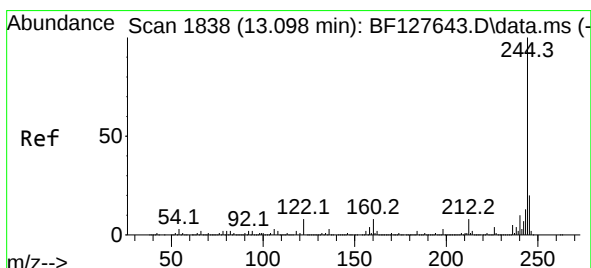
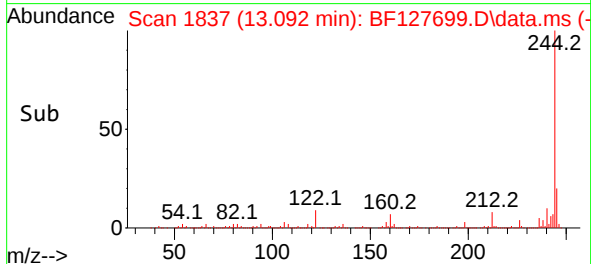
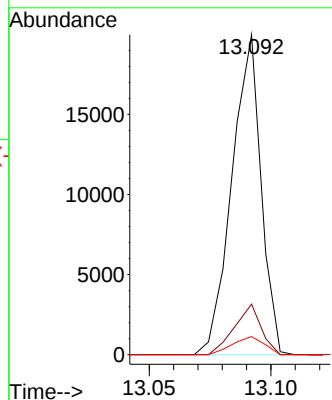
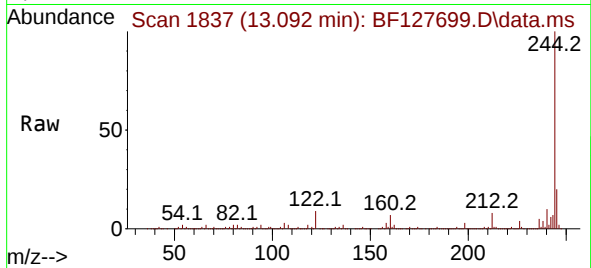




#77
Benzidine
Concen: 2.006 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

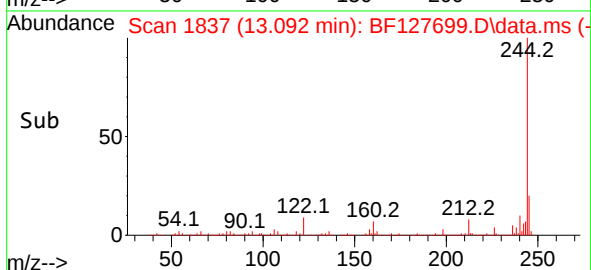
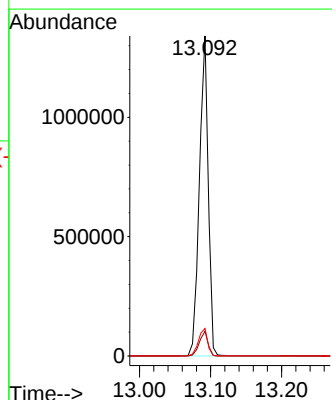
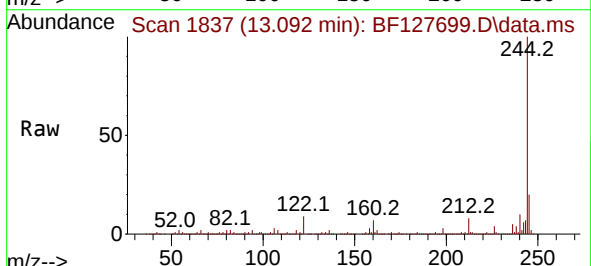
Instrument :
BNA_F
ClientSampleId :
TP-3

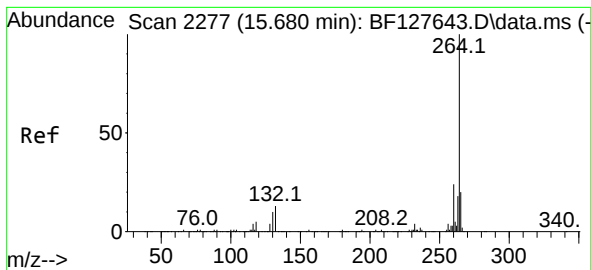
Tgt Ion:184 Resp: 16634
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 5.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 60.577 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

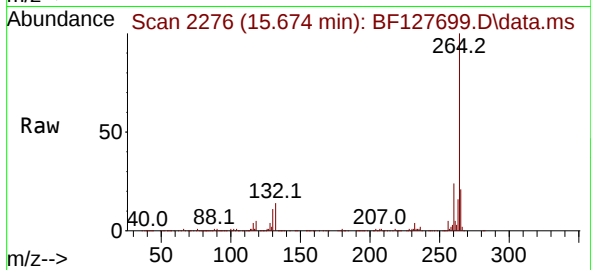
Tgt Ion:244 Resp: 1165949
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 8.6 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127699.D
Acq: 07 Apr 2022 22:54

Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:264 Resp: 315349

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.1	17.4	26.2

