

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127655.D
 Acq On : 06 Apr 2022 18:41
 Operator : CG\JU
 Sample : N2237-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A12015

Quant Time: Apr 07 02:39:17 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)

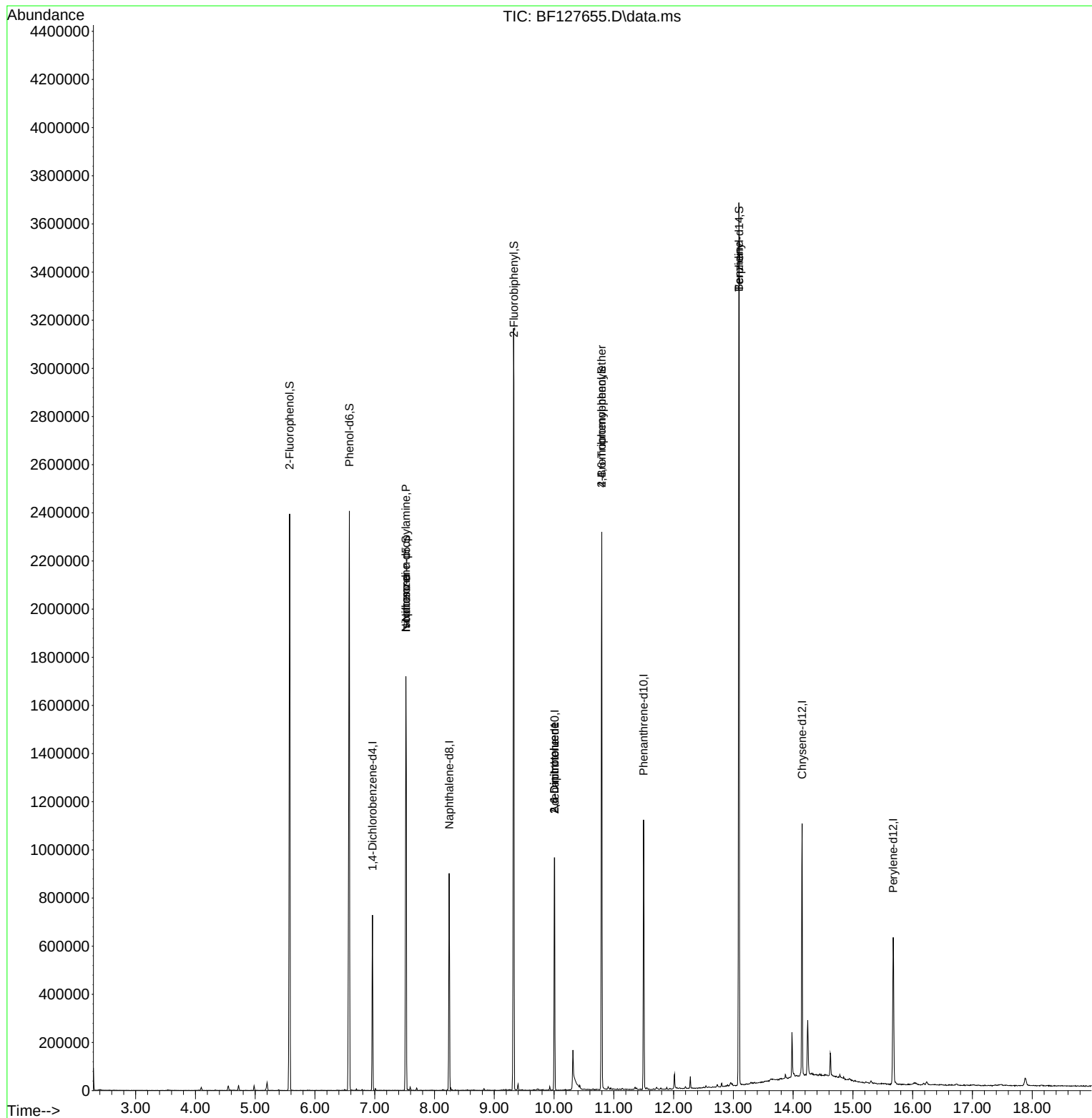
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	94057	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	349394	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	205710	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	391001	20.000	ng	0.00
76) Chrysene-d12	14.151	240	354991	20.000	ng	0.00
86) Perylene-d12	15.674	264	292635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	609785	105.345	ng	0.00
7) Phenol-d6	6.575	99	788374	104.109	ng	0.00
23) Nitrobenzene-d5	7.522	82	571304	72.896	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	241738	110.430	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1029262	70.782	ng	0.00
79) Terphenyl-d14	13.098	244	1372970	63.839	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	168	Below Cal	#	63
19) n-Nitroso-di-n-propyla...	7.522	70	76354	15.590	ng	# 78
25) Isophorone	7.522	82	571296	41.775	ng	# 70
51) 2,6-Dinitrotoluene	10.004	165	26144	9.302	ng	# 17
57) 2,4-Dinitrotoluene	10.004	165	26144	7.503	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	16780	3.536	ng	# 1
77) Benizidine	13.092	184	21179	2.286	ng	# 93

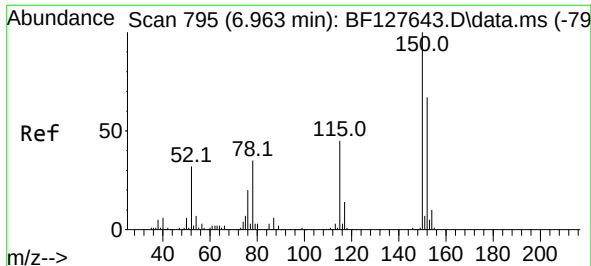
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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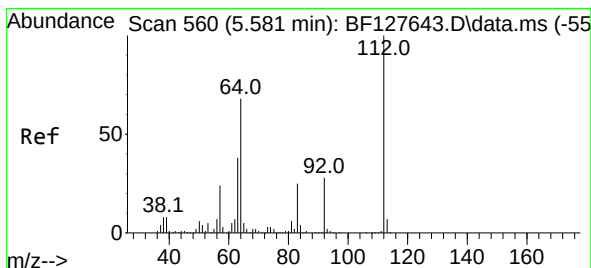
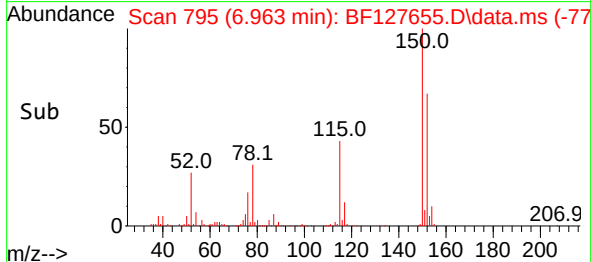
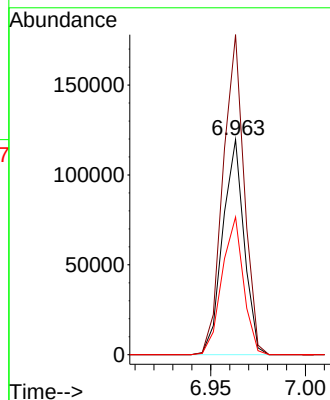
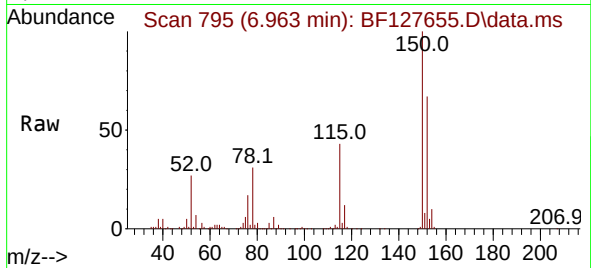




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

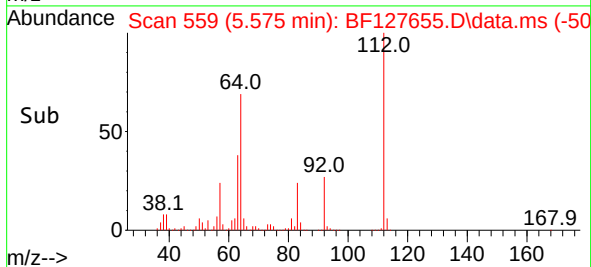
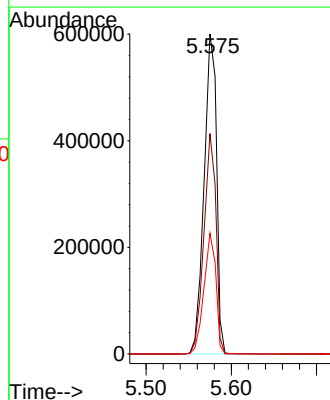
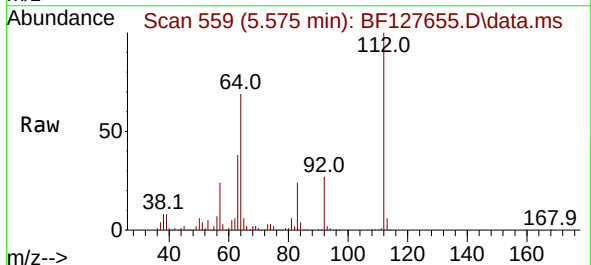
Instrument :
BNA_F
ClientSampleId :
A12015

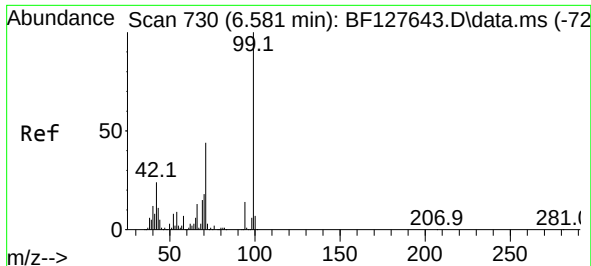
Tgt Ion:152 Resp: 94057
Ion Ratio Lower Upper
152 100
150 148.7 117.2 175.8
115 63.9 49.8 74.6



#5
2-Fluorophenol
Concen: 105.345 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

Tgt Ion:112 Resp: 609785
Ion Ratio Lower Upper
112 100
64 68.9 58.4 87.6
63 37.7 30.1 45.1

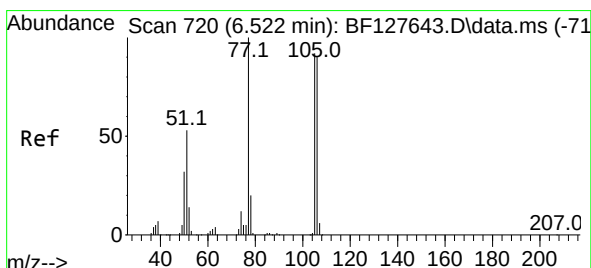
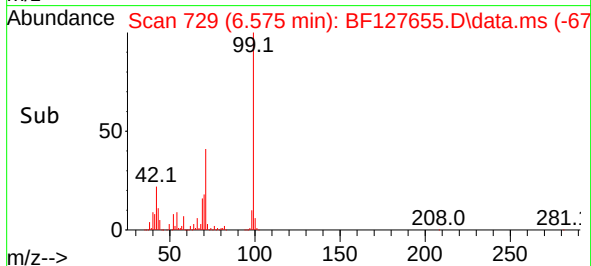
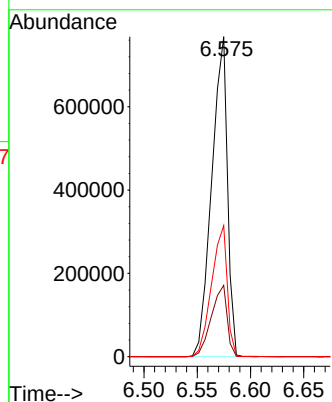
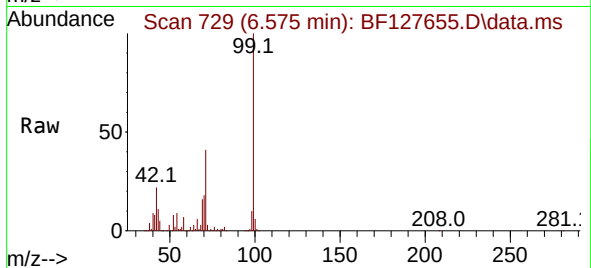




#7
Phenol-d6
Concen: 104.109 ng
RT: 6.575 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

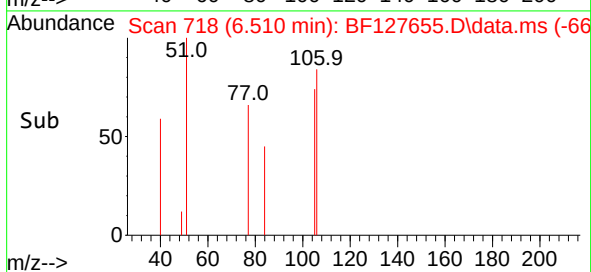
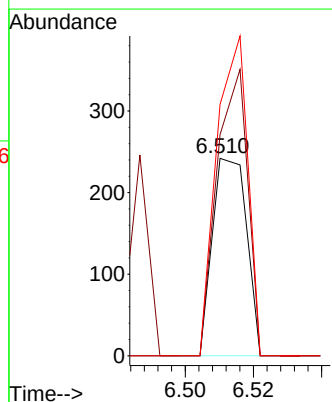
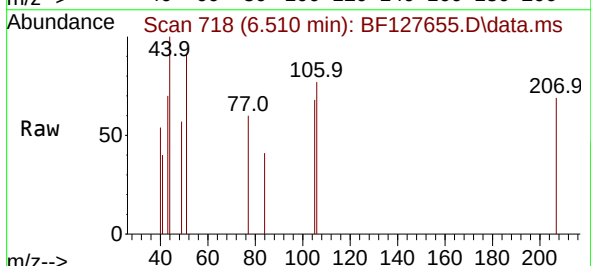
Instrument :
BNA_F
ClientSampleId :
A12015

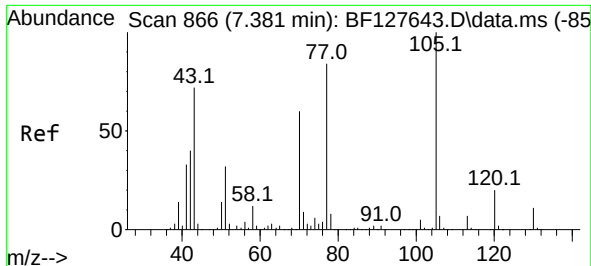
Tgt Ion: 99 Resp: 788374
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 40.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

Tgt Ion: 77 Resp: 168
Ion Ratio Lower Upper
77 100
105 112.0 66.8 106.8#
106 127.3 64.3 104.3#

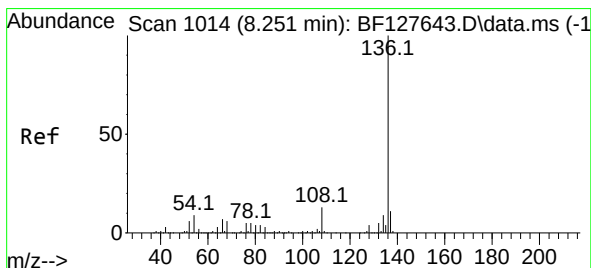
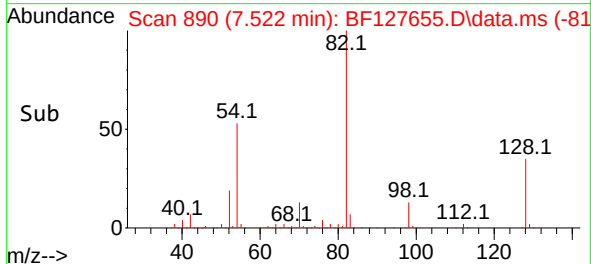
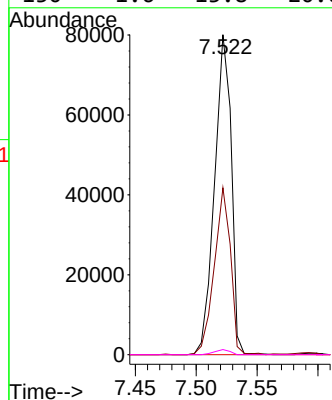
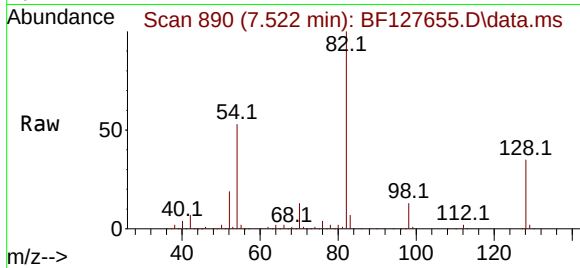




#19
n-Nitroso-di-n-propylamine
Concen: 15.590 ng
RT: 7.522 min Scan# 89
Delta R.T. 0.141 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

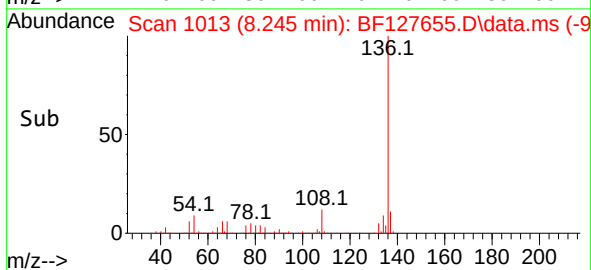
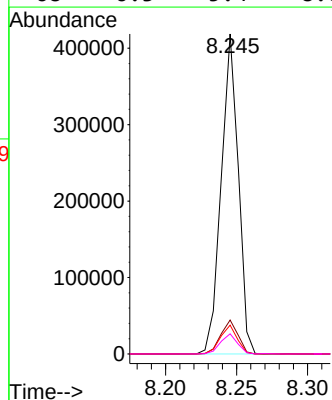
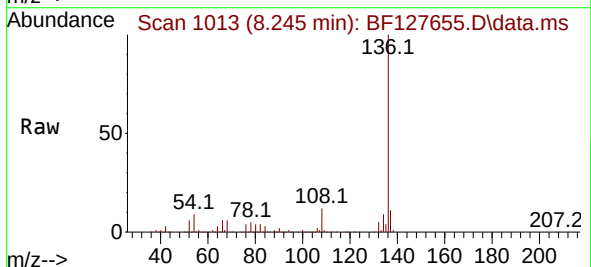
Instrument :
BNA_F
ClientSampleId :
A12015

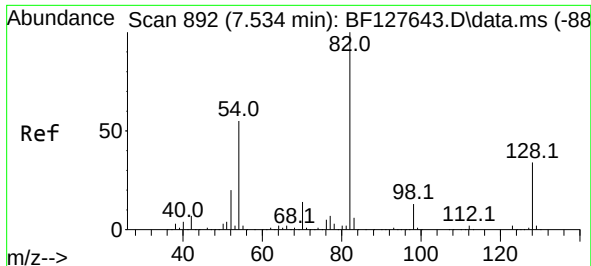
Tgt Ion: 70 Resp: 76354
Ion Ratio Lower Upper
70 100
42 52.2 53.0 79.6#
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

Tgt Ion: 136 Resp: 349394
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 9.2 13.8#
68 6.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 72.896 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF127655.D

Acq: 06 Apr 2022 18:41

Instrument :

BNA_F

ClientSampleId :

A12015

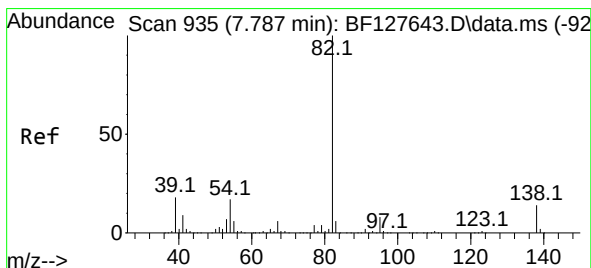
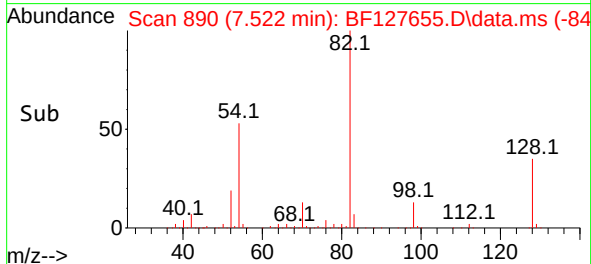
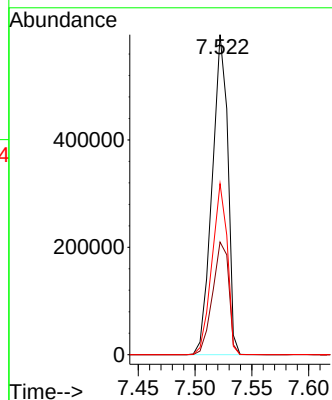
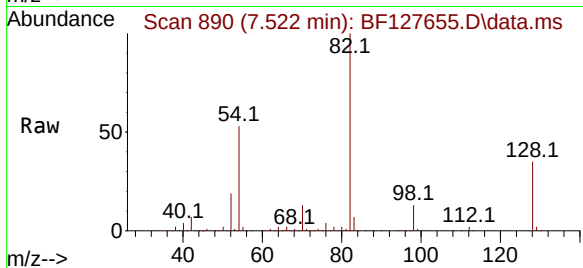
Tgt Ion: 82 Resp: 571304

Ion Ratio Lower Upper

82 100

128 35.2 30.6 45.8

54 53.5 48.2 72.2



#25

Isophorone

Concen: 41.775 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.265 min

Lab File: BF127655.D

Acq: 06 Apr 2022 18:41

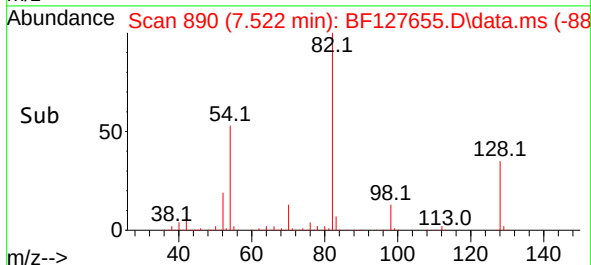
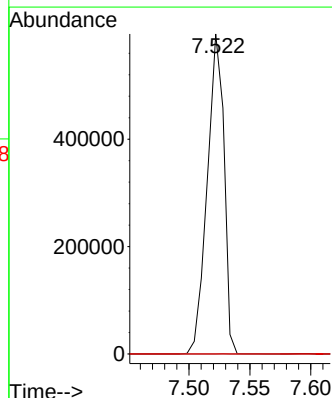
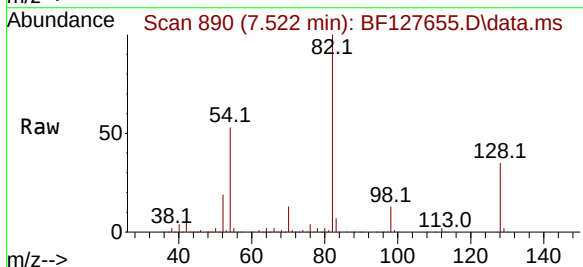
Tgt Ion: 82 Resp: 571296

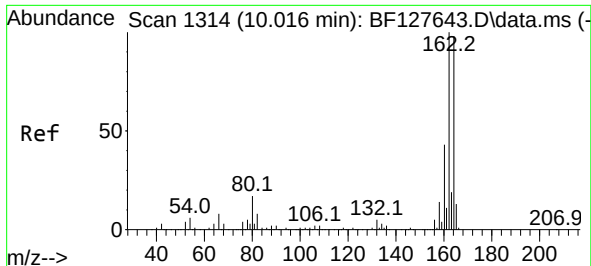
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

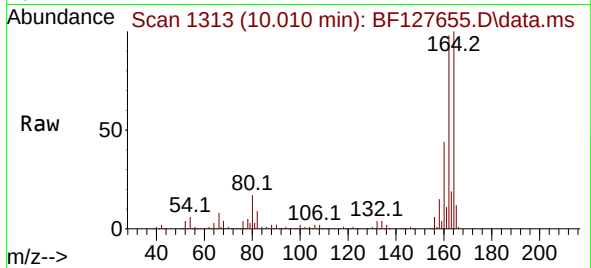
138 0.0 11.6 17.4#



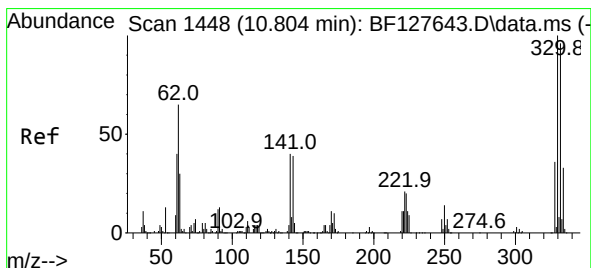
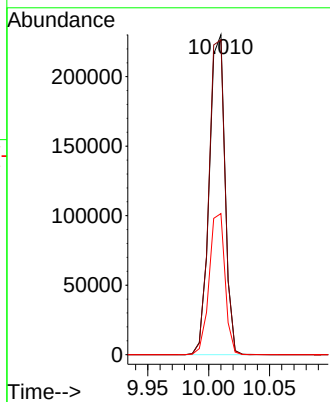
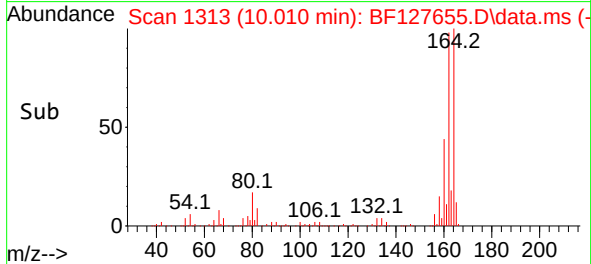


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

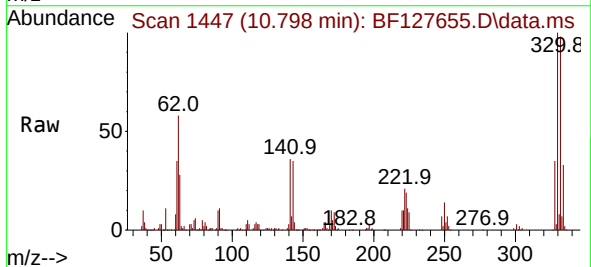
Instrument :
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ClientSampleId :
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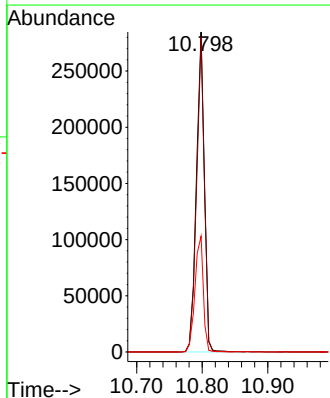
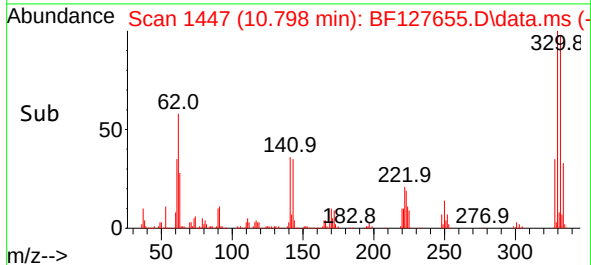
Tgt Ion:164 Resp: 205710
Ion Ratio Lower Upper
164 100
162 98.4 81.2 121.8
160 44.1 34.6 52.0

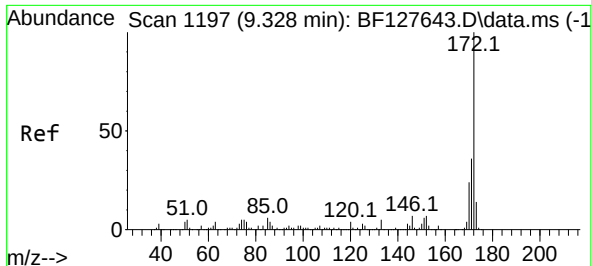


#42
2,4,6-Tribromophenol
Concen: 110.430 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41



Tgt Ion:330 Resp: 241738
Ion Ratio Lower Upper
330 100
332 95.7 79.1 118.7
141 37.8 26.2 39.4

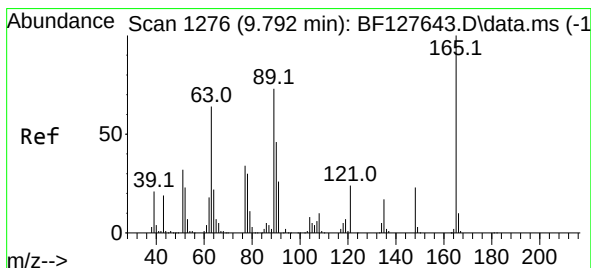
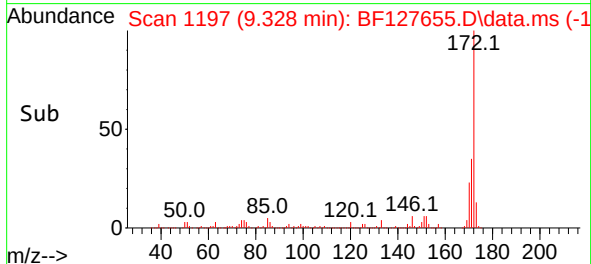
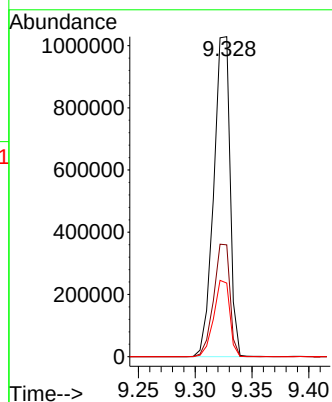
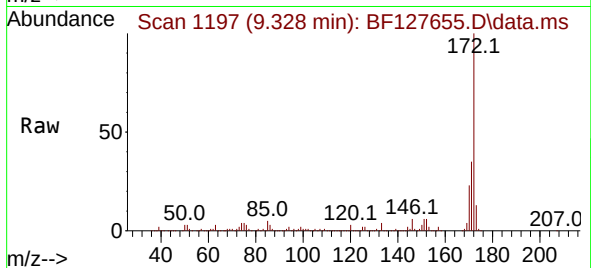




#45
2-Fluorobiphenyl
Concen: 70.782 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

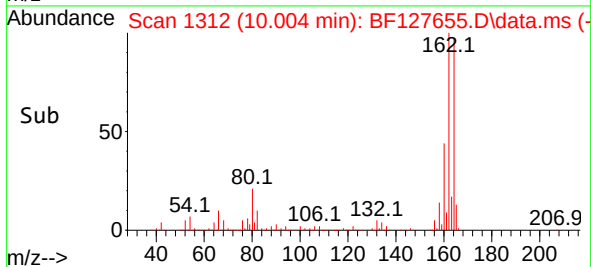
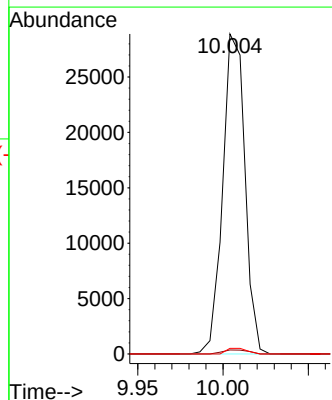
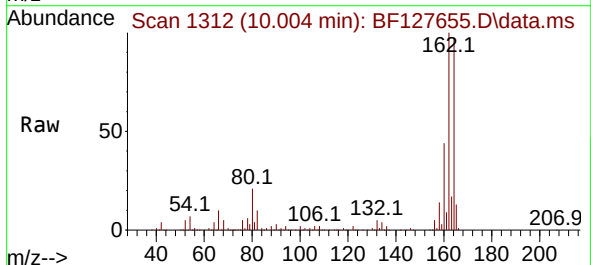
Instrument :
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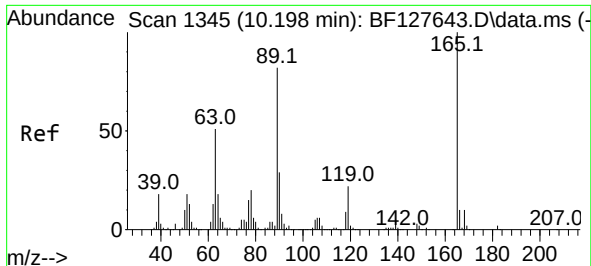
Tgt Ion:172 Resp: 1029262
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.302 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

Tgt Ion:165 Resp: 26144
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.8 51.5 77.3#

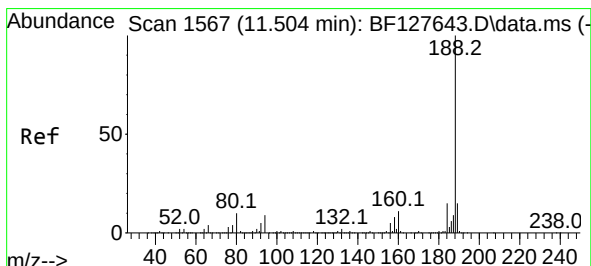
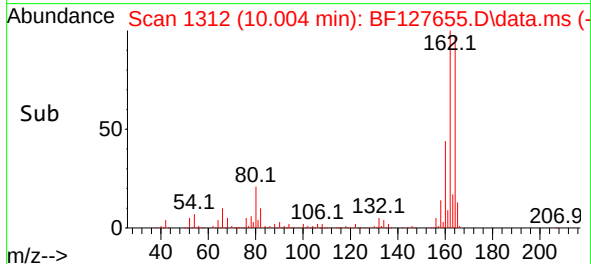
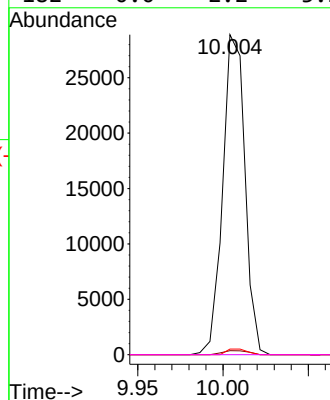
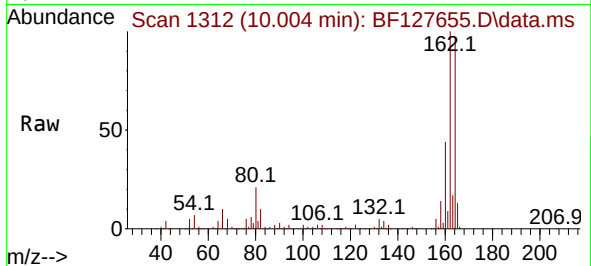




#57
2,4-Dinitrotoluene
Concen: 7.503 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

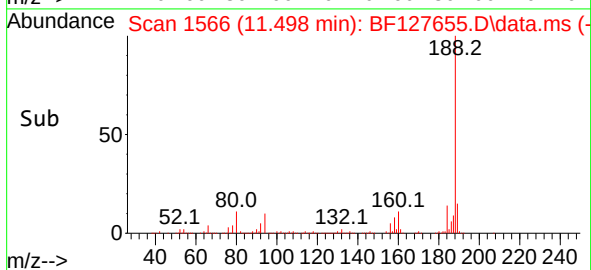
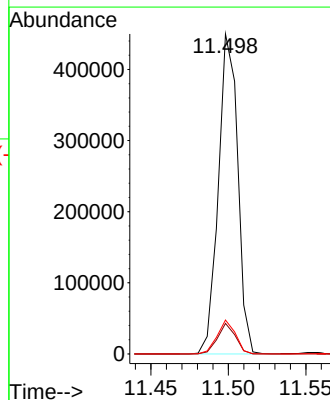
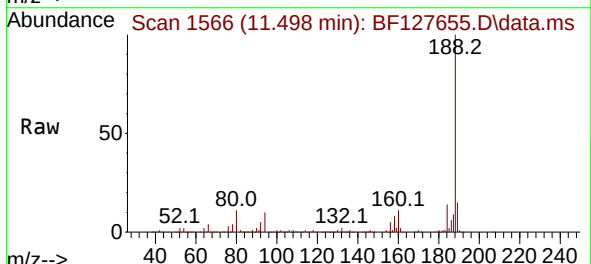
Instrument :
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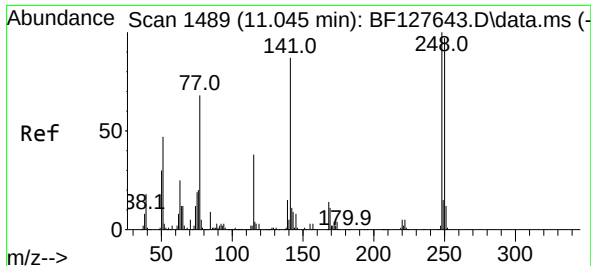
Tgt Ion:165 Resp: 26144
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

Tgt Ion:188 Resp: 391001
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.6 8.0 12.0

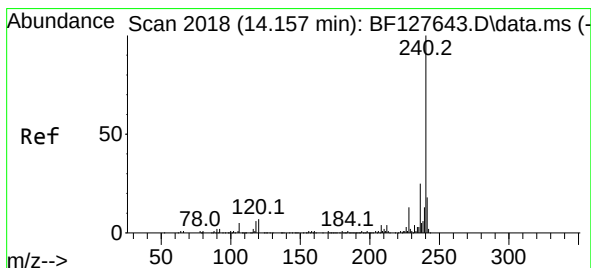
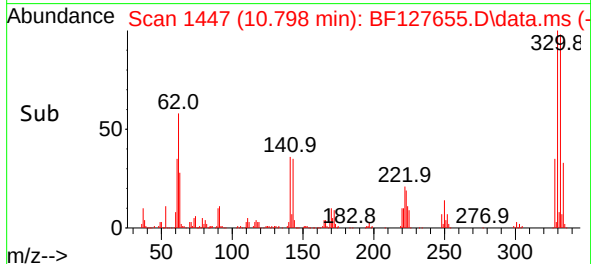
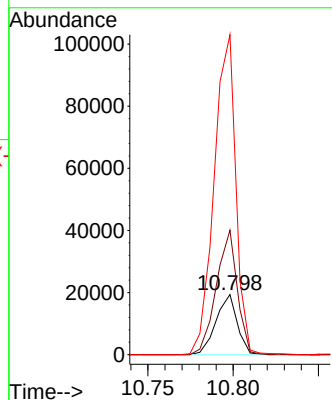
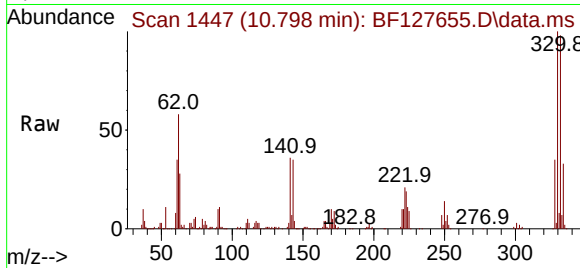




#67
4-Bromophenyl-phenylether
Concen: 3.536 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

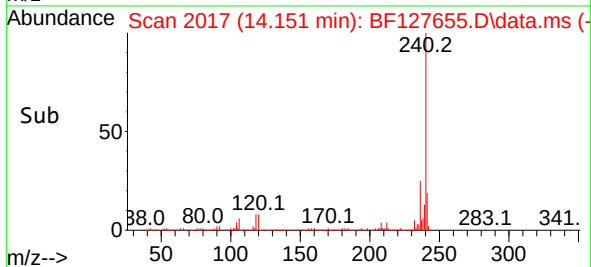
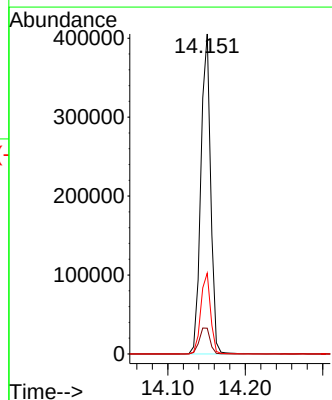
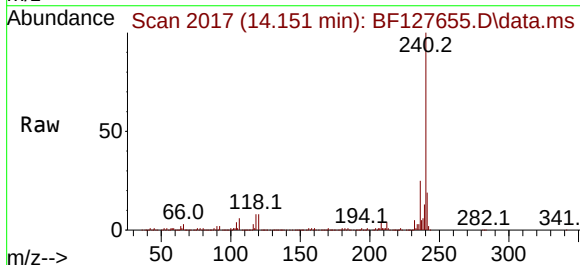
Instrument :
BNA_F
ClientSampleId :
A12015

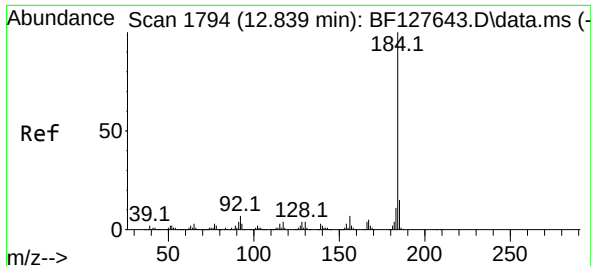
Tgt Ion:248 Resp: 16780
Ion Ratio Lower Upper
248 100
250 206.9 76.6 115.0#
141 531.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

Tgt Ion:240 Resp: 354991
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.2 20.7 31.1

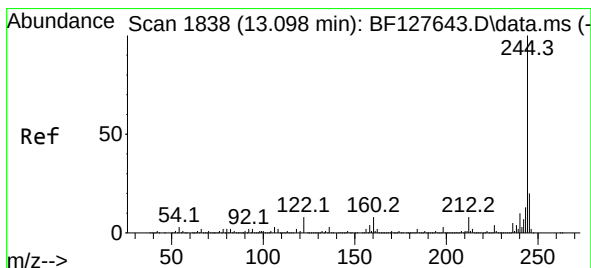
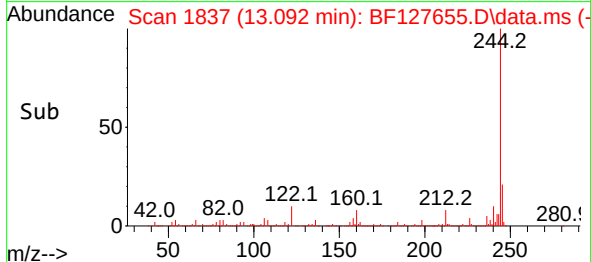
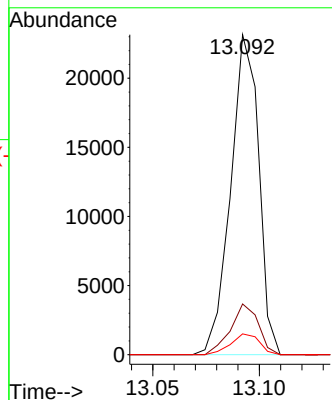
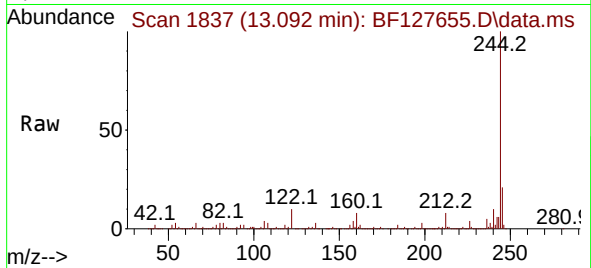




#77
Benzidine
Concen: 2.286 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

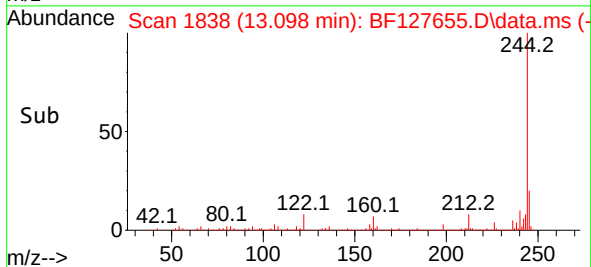
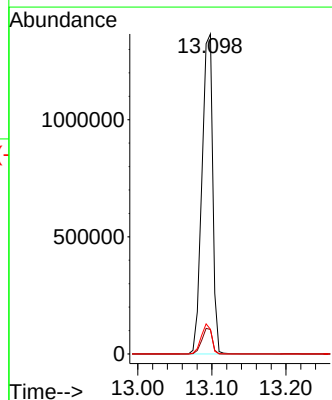
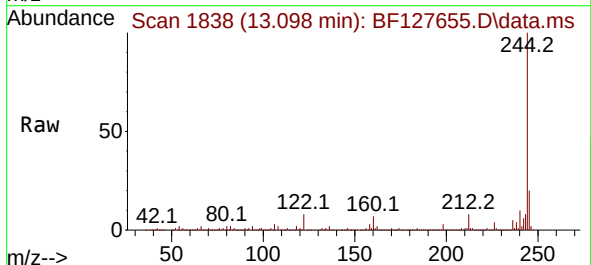
Instrument :
BNA_F
ClientSampleId :
A12015

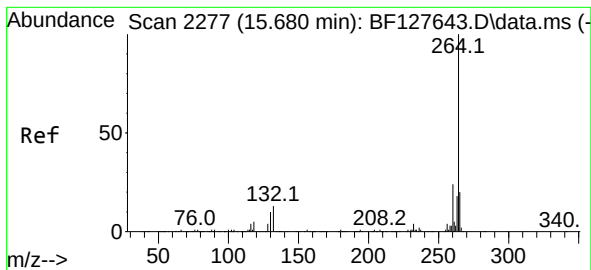
Tgt Ion:184 Resp: 21179
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 6.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 63.839 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127655.D
Acq: 06 Apr 2022 18:41

Tgt Ion:244 Resp: 1372970
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 7.7 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: BF127655.D

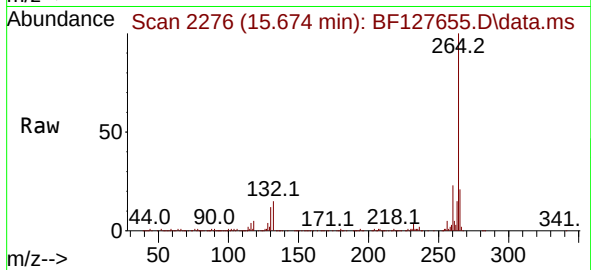
Acq: 06 Apr 2022 18:41

Instrument :

BNA_F

ClientSampleId :

A12015



Tgt Ion:264 Resp: 292635

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.1 17.4 26.2

