

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127653.D
 Acq On : 06 Apr 2022 17:42
 Operator : CG\JU
 Sample : N2220-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A02145

Quant Time: Apr 07 02:39:03 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)

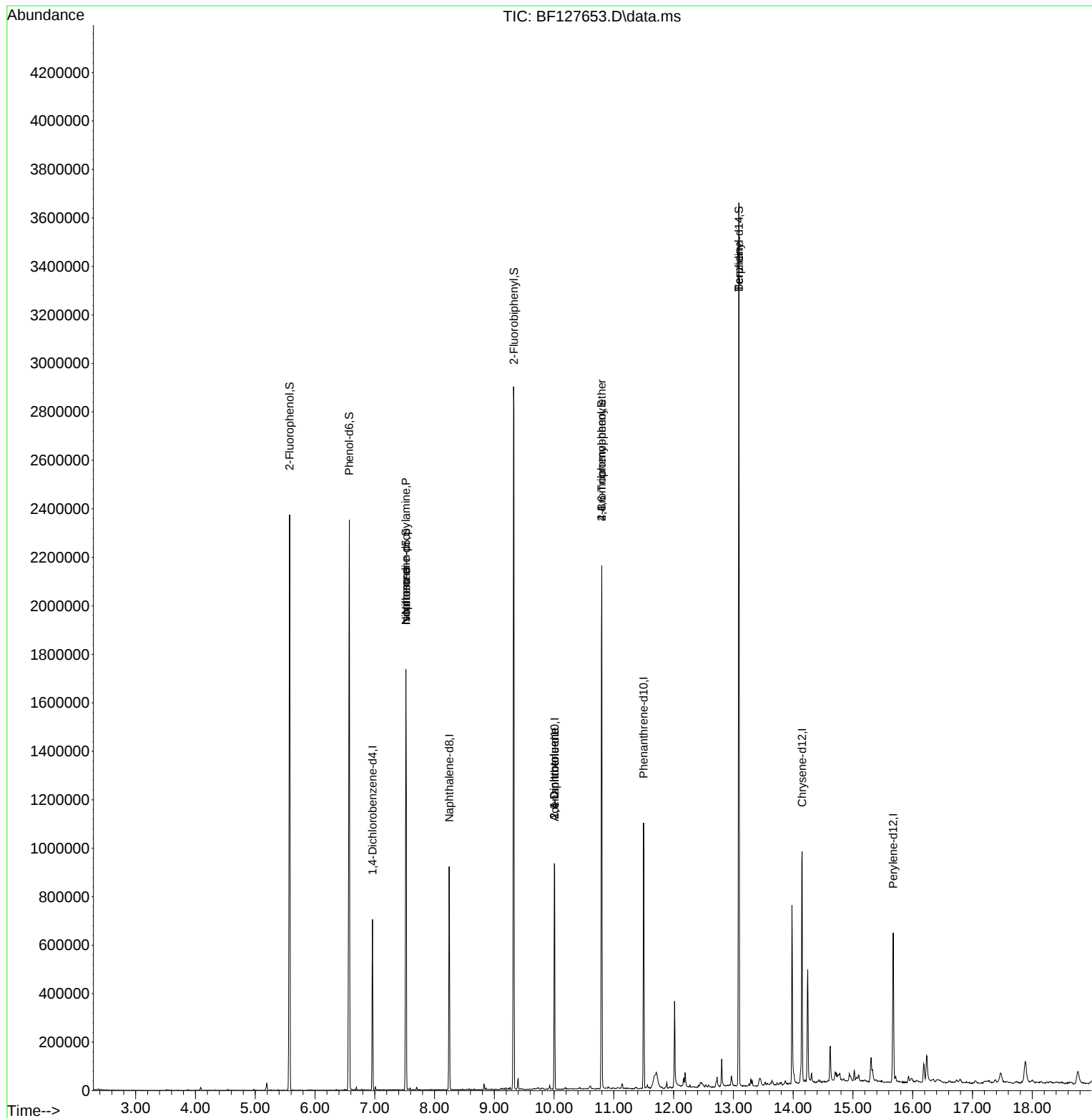
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	91376	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	336613	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	195763	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	374576	20.000	ng	0.00
76) Chrysene-d12	14.151	240	331319	20.000	ng	0.00
86) Perylene-d12	15.674	264	273946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	590551	105.015	ng	0.00
7) Phenol-d6	6.575	99	748205	101.704	ng	0.00
23) Nitrobenzene-d5	7.522	82	537388	71.172	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	234414	112.525	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	932474	67.385	ng	0.00
79) Terphenyl-d14	13.092	244	1187243	59.147	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	190	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.522	70	73041	15.351	ng	# 76
25) Isophorone	7.522	82	537381	40.787	ng	# 70
51) 2,6-Dinitrotoluene	10.004	165	24879	9.301	ng	# 17
57) 2,4-Dinitrotoluene	10.004	165	24879	7.502	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	16025	3.525	ng	# 1
77) Benzydine	13.092	184	17715	2.049	ng	# 92

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

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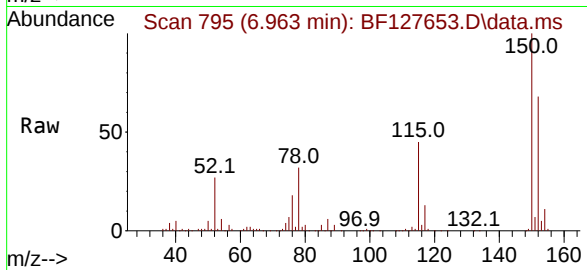
Quant Time: Apr 07 02:39:03 2022
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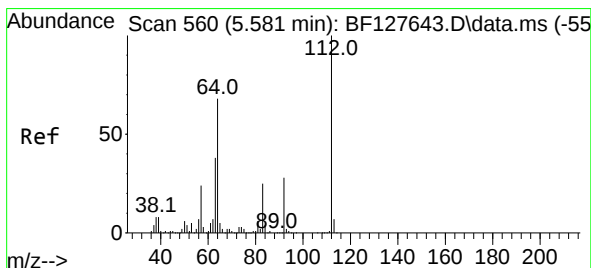
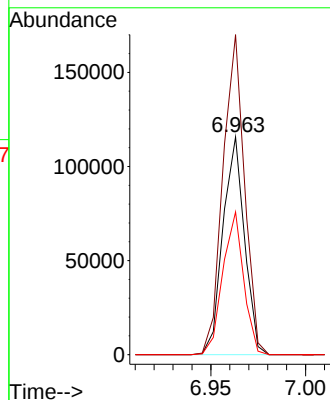
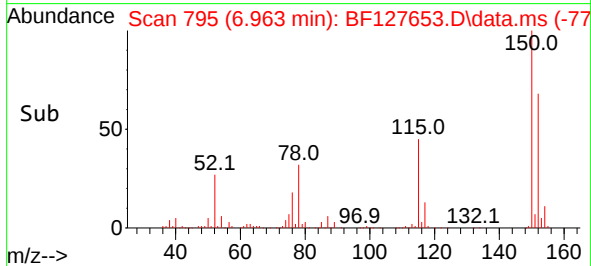


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

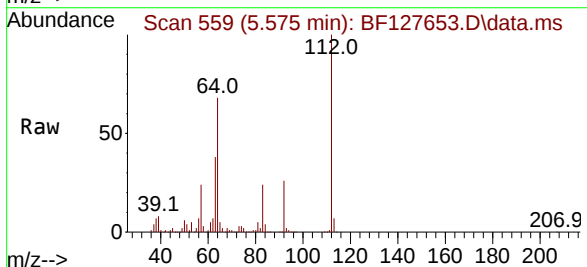
Instrument :
BNA_F
ClientSampleId :
A02145



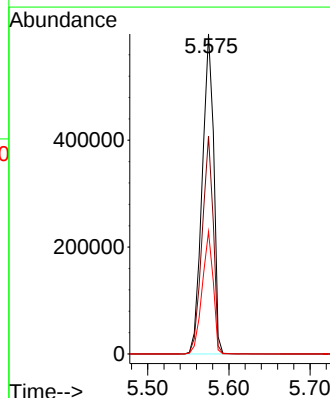
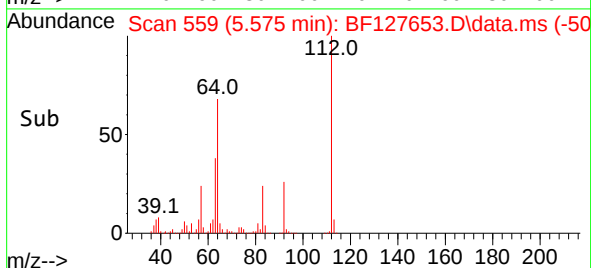
Tgt Ion:152 Resp: 91376
Ion Ratio Lower Upper
152 100
150 147.0 117.2 175.8
115 65.6 49.8 74.6

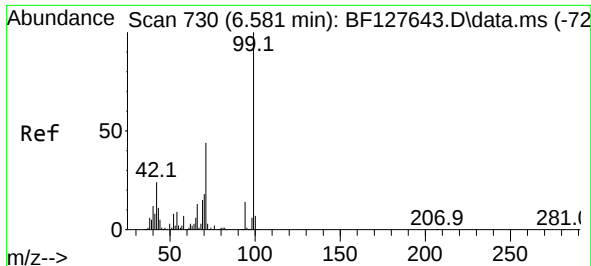


#5
2-Fluorophenol
Concen: 105.015 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42



Tgt Ion:112 Resp: 590551
Ion Ratio Lower Upper
112 100
64 68.1 58.4 87.6
63 38.3 30.1 45.1

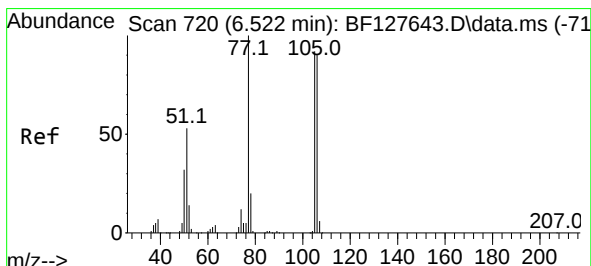
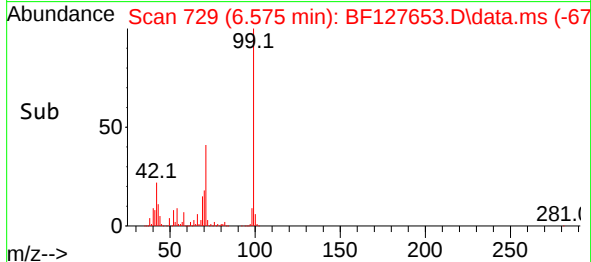
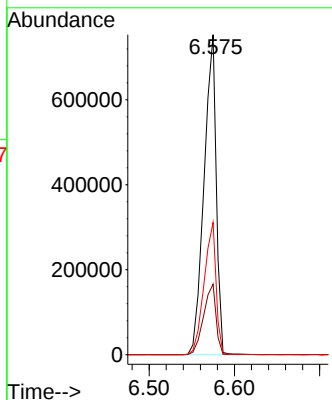
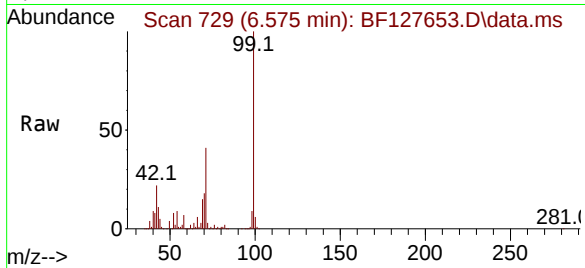




#7
Phenol-d6
Concen: 101.704 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

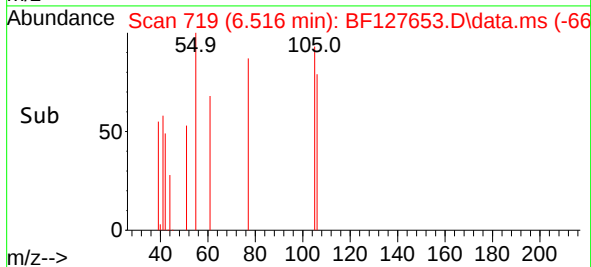
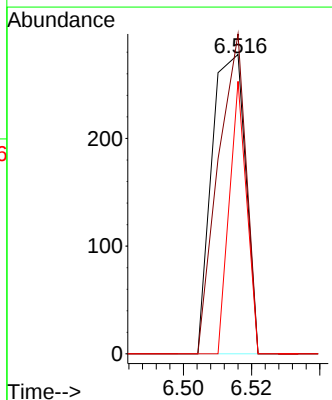
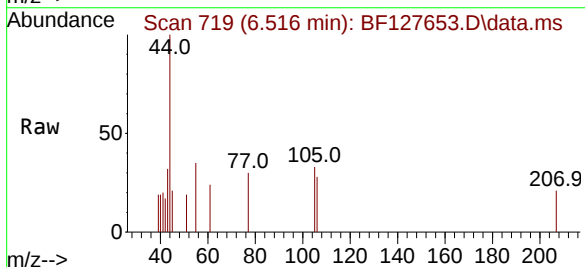
Instrument :
BNA_F
ClientSampleId :
A02145

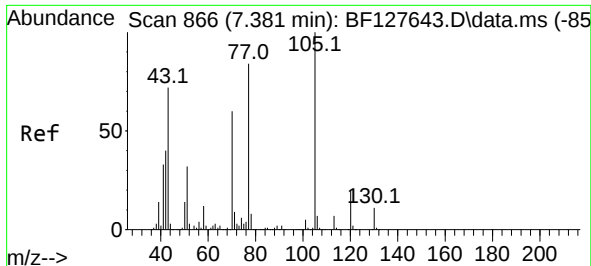
Tgt Ion: 99 Resp: 748205
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.6
71 41.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

Tgt Ion: 77 Resp: 190
Ion Ratio Lower Upper
77 100
105 106.8 66.8 106.8#
106 91.0 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 15.351 ng

RT: 7.522 min Scan# 890

Delta R.T. 0.141 min

Lab File: BF127653.D

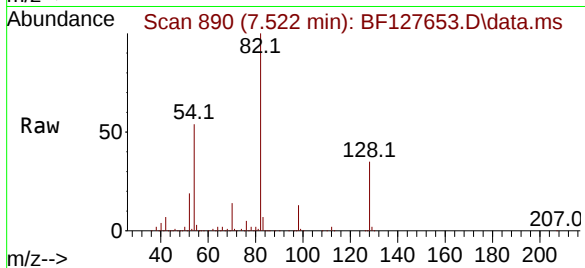
Acq: 06 Apr 2022 17:42

Instrument :

BNA_F

ClientSampleId :

A02145



Tgt Ion: 70 Resp: 73041

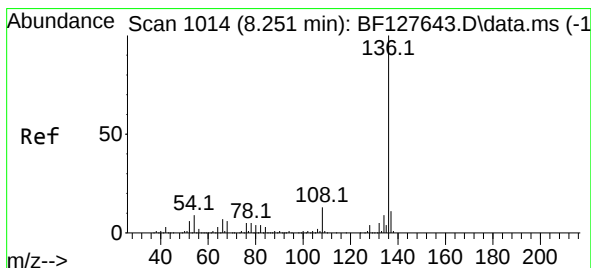
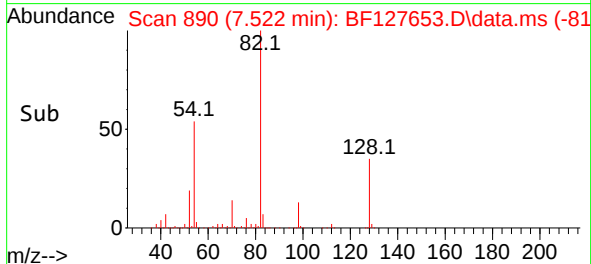
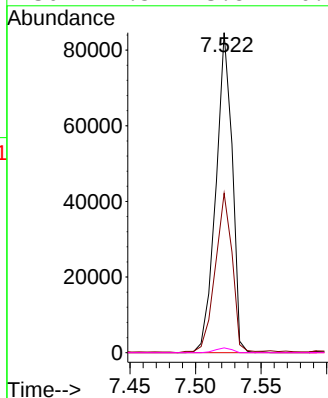
Ion Ratio Lower Upper

70 100

42 49.8 53.0 79.6#

101 0.0 6.8 10.2#

130 1.5 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: BF127653.D

Acq: 06 Apr 2022 17:42

Tgt Ion: 136 Resp: 336613

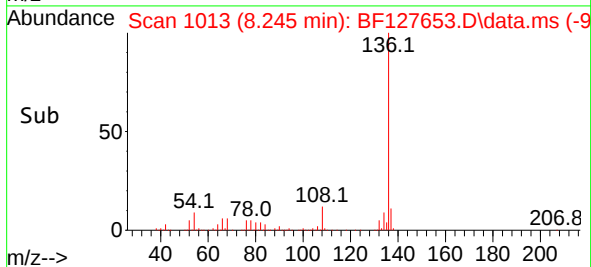
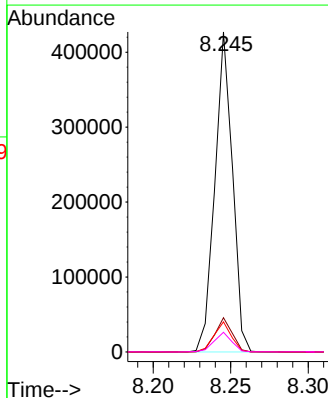
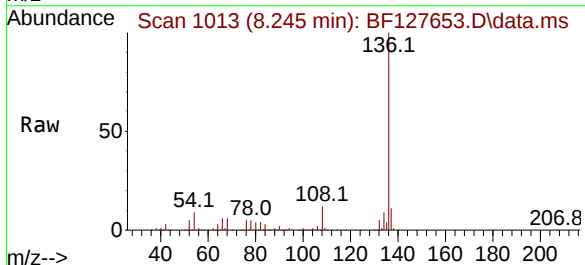
Ion Ratio Lower Upper

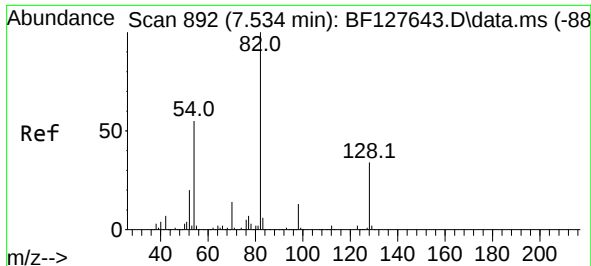
136 100

137 10.7 8.6 13.0

54 9.4 9.2 13.8

68 6.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 71.172 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF127653.D

Acq: 06 Apr 2022 17:42

Instrument :

BNA_F

ClientSampleId :

A02145

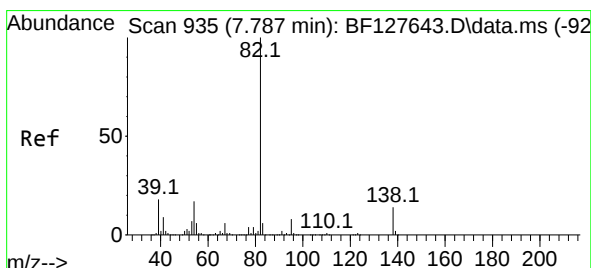
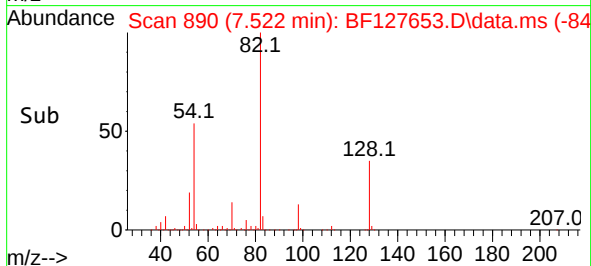
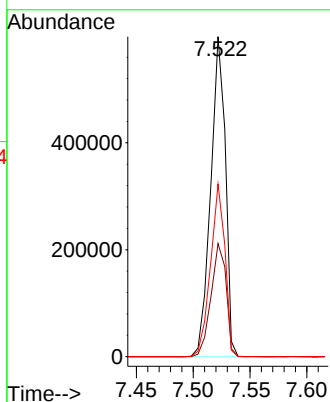
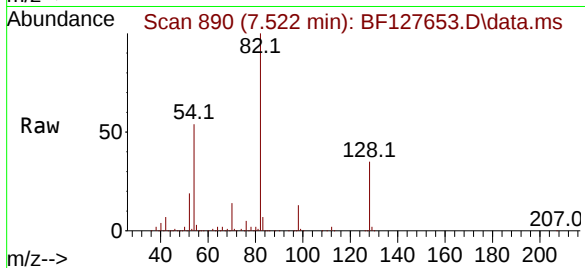
Tgt Ion: 82 Resp: 537388

Ion Ratio Lower Upper

82 100

128 35.4 30.6 45.8

54 54.0 48.2 72.2



#25

Isophorone

Concen: 40.787 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.265 min

Lab File: BF127653.D

Acq: 06 Apr 2022 17:42

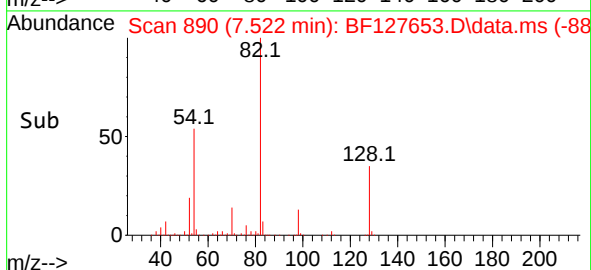
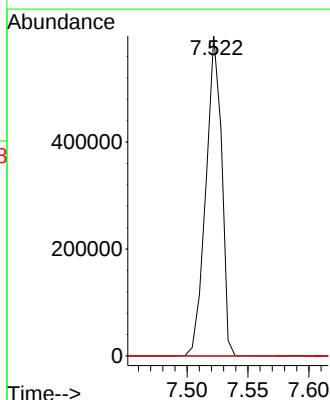
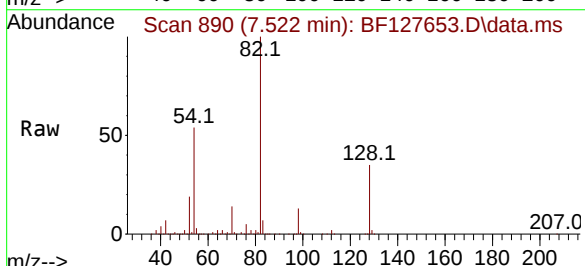
Tgt Ion: 82 Resp: 537381

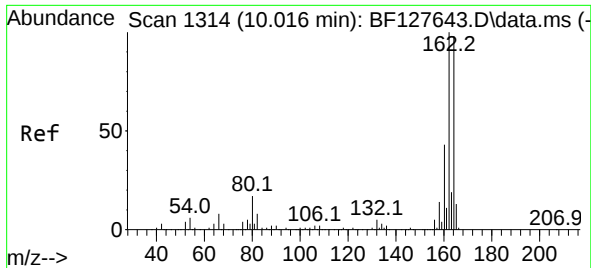
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

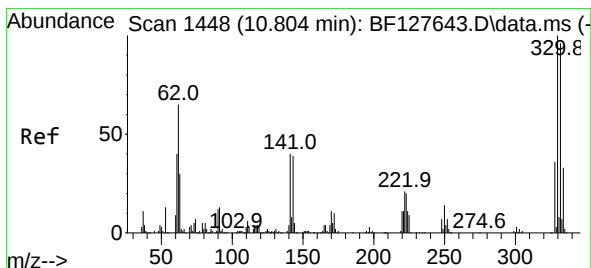
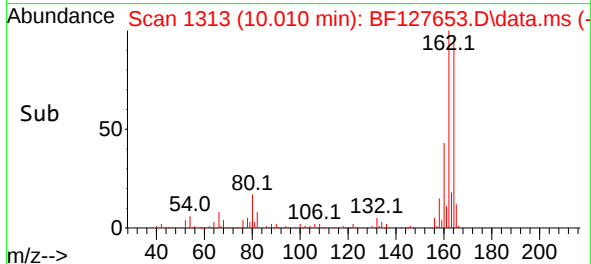
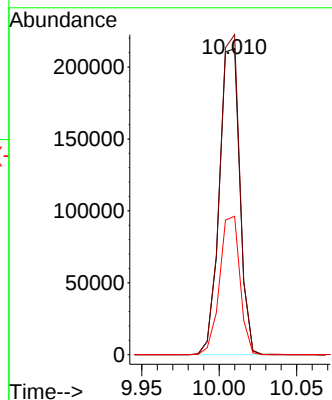
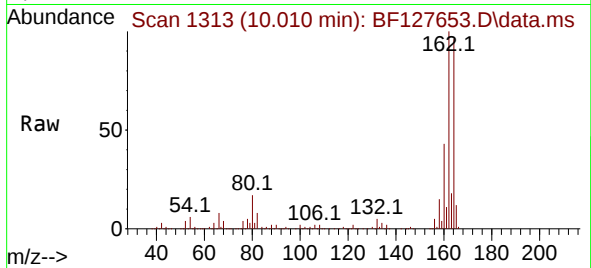




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

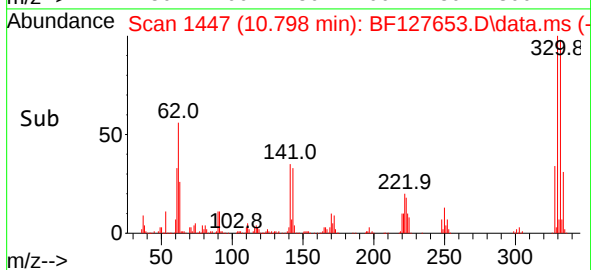
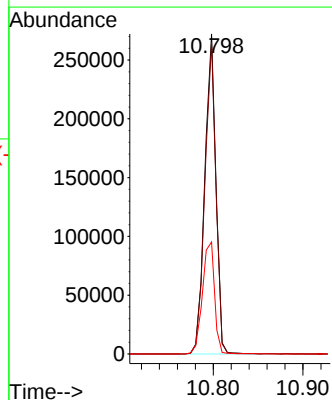
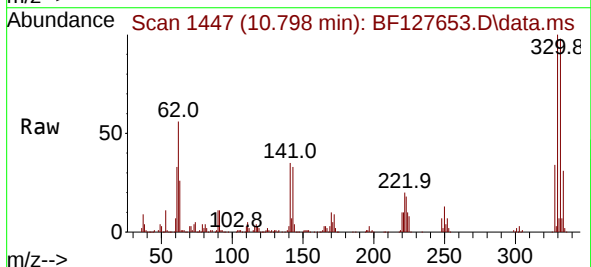
Instrument :
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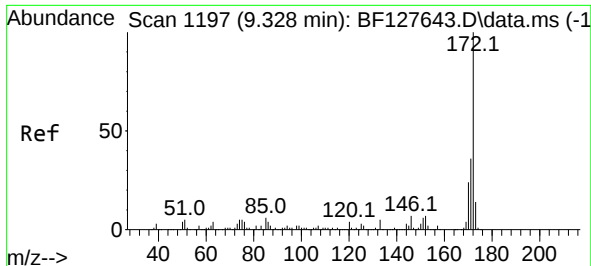
Tgt Ion:164 Resp: 195763
Ion Ratio Lower Upper
164 100
162 104.5 81.2 121.8
160 45.2 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 112.525 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

Tgt Ion:330 Resp: 234414
Ion Ratio Lower Upper
330 100
332 96.4 79.1 118.7
141 38.2 26.2 39.4

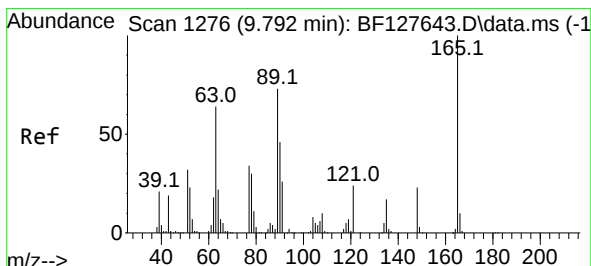
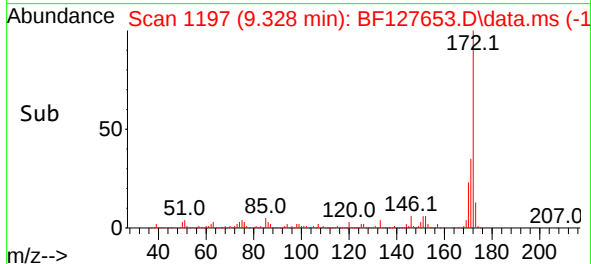
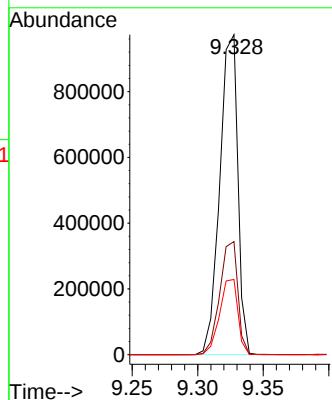
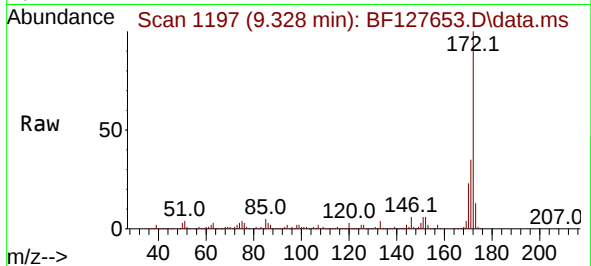




#45
2-Fluorobiphenyl
Concen: 67.385 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

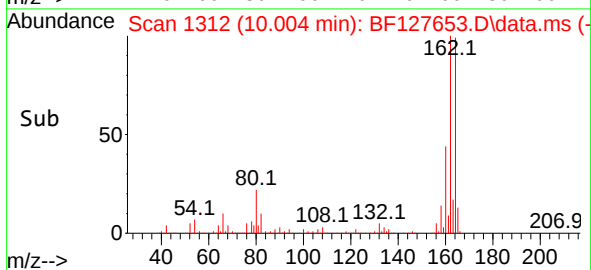
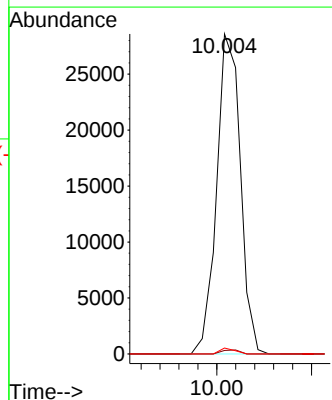
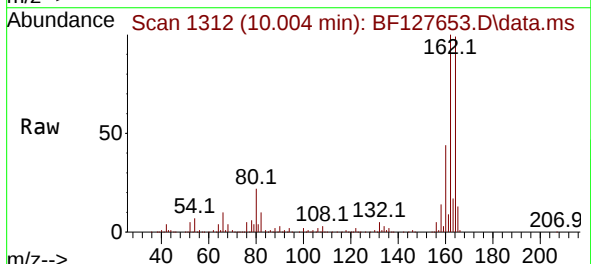
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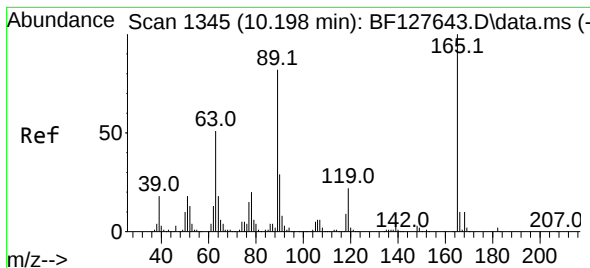
Tgt Ion:172 Resp: 932474
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.301 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

Tgt Ion:165 Resp: 24879
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.8 51.5 77.3#

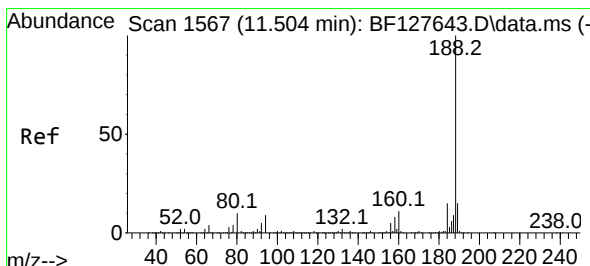
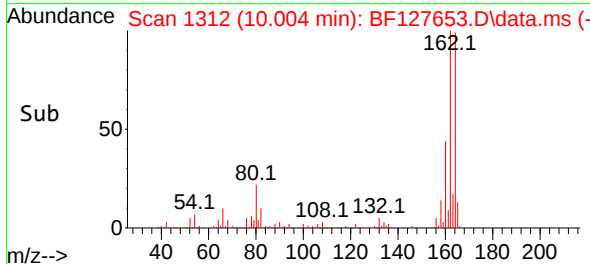
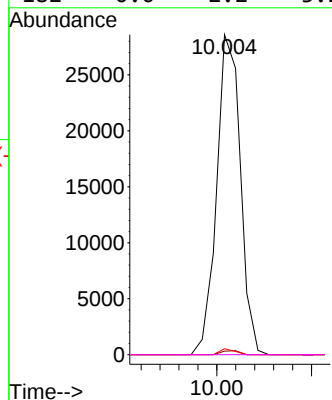
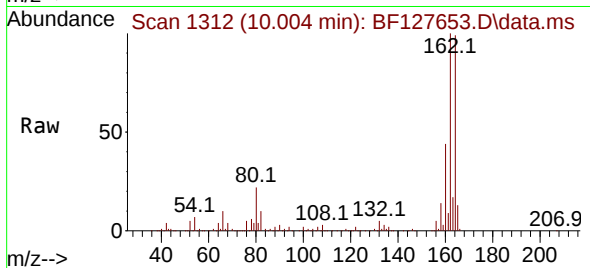




#57
2,4-Dinitrotoluene
Concen: 7.502 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

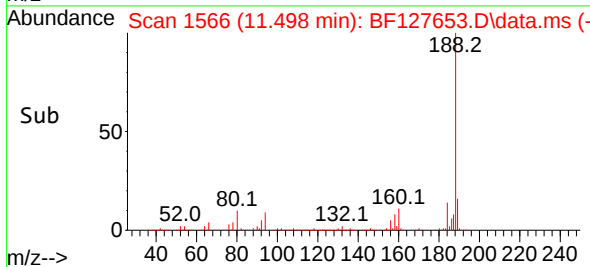
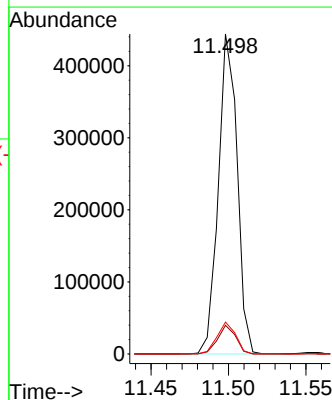
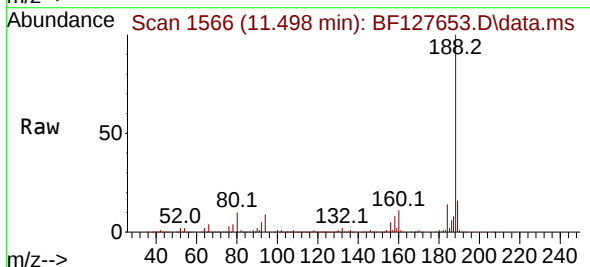
Instrument :
BNA_F
ClientSampleId :
A02145

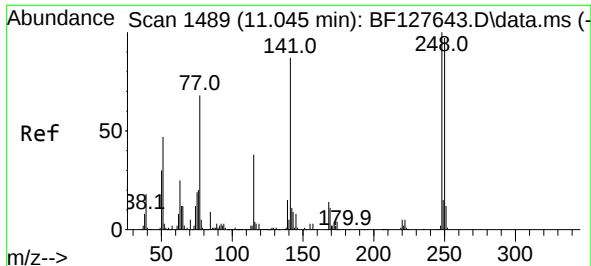
Tgt Ion:165 Resp: 24879
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

Tgt Ion:188 Resp: 374576
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 10.0 8.0 12.0

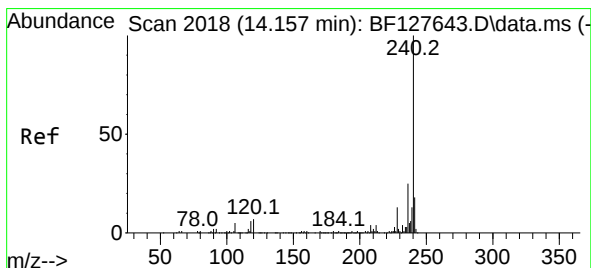
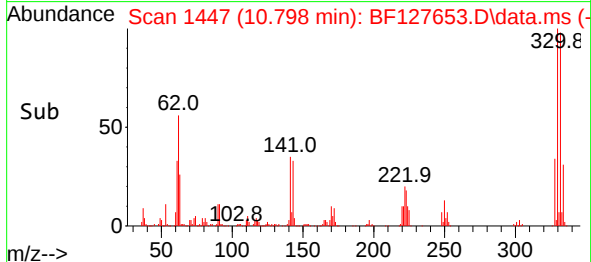
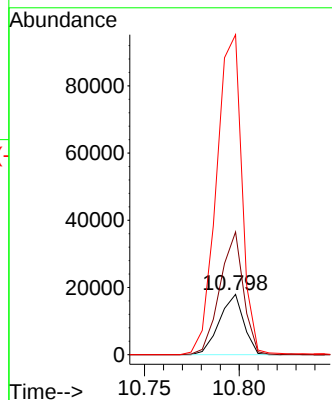
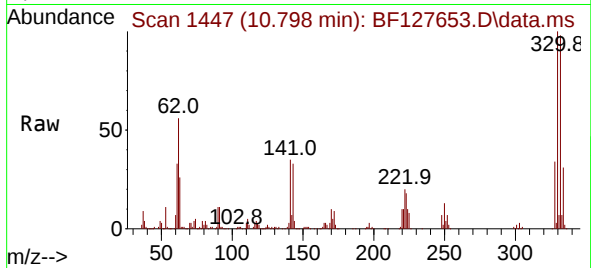




#67
4-Bromophenyl-phenylether
Concen: 3.525 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

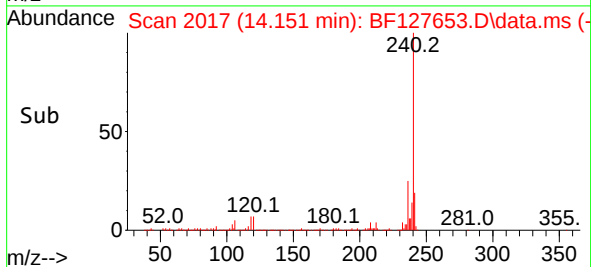
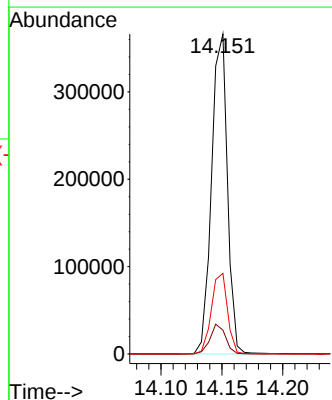
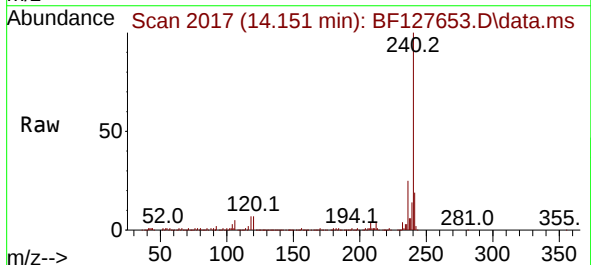
Instrument :
BNA_F
ClientSampleId :
A02145

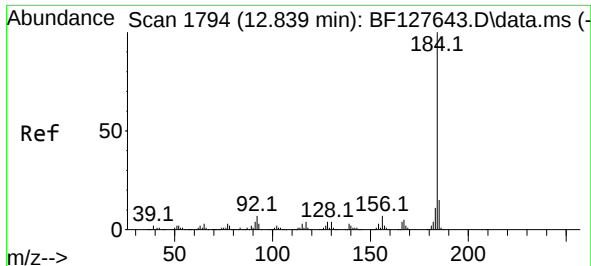
Tgt Ion:248 Resp: 16025
Ion Ratio Lower Upper
248 100
250 203.6 76.6 115.0#
141 530.9 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

Tgt Ion:240 Resp: 331319
Ion Ratio Lower Upper
240 100
120 7.5 7.1 10.7
236 25.2 20.7 31.1

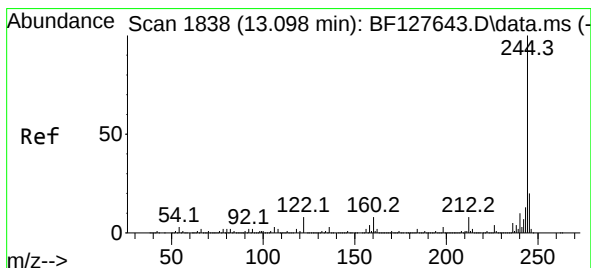
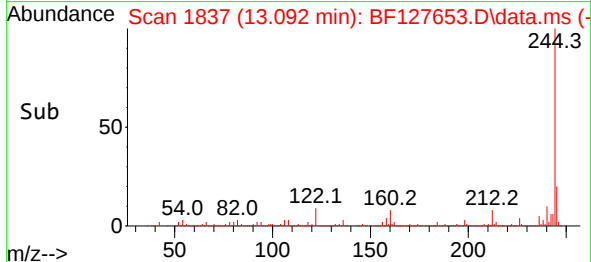
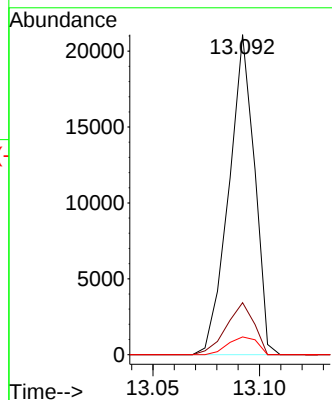
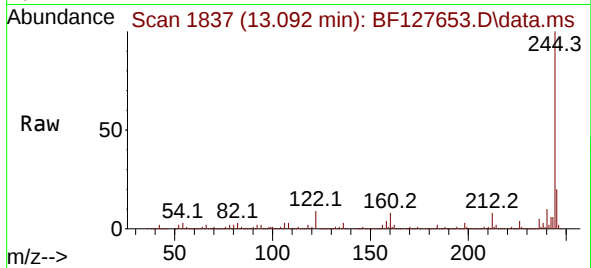




#77
Benzidine
Concen: 2.049 ng
RT: 13.092 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

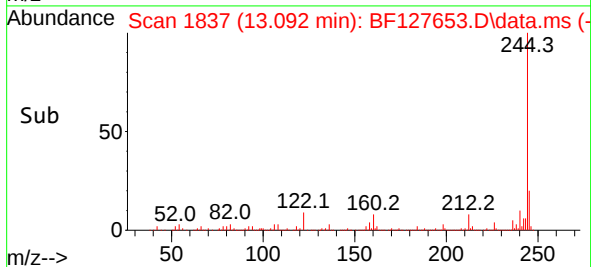
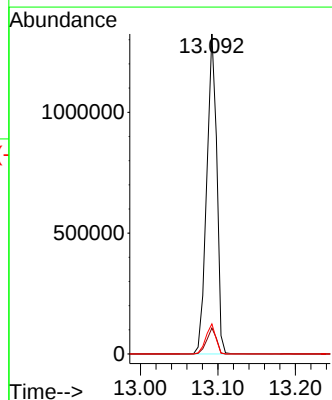
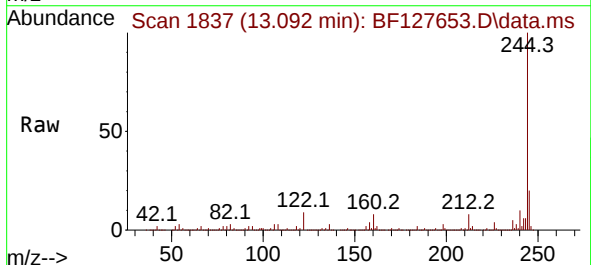
Instrument :
BNA_F
ClientSampleId :
A02145

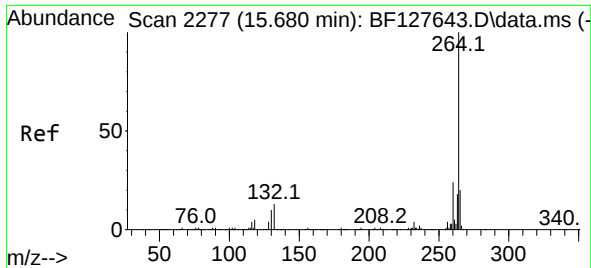
Tgt Ion:184 Resp: 17715
Ion Ratio Lower Upper
184 100
185 16.3 12.2 18.2
183 5.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 59.147 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

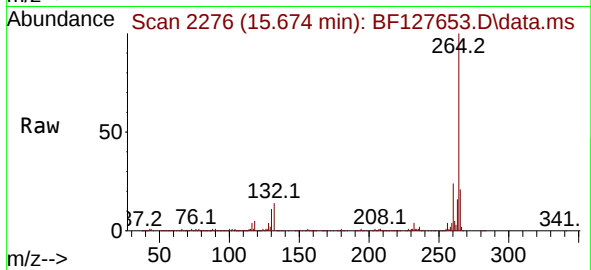
Tgt Ion:244 Resp: 1187243
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 9.4 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127653.D
Acq: 06 Apr 2022 17:42

Instrument :
BNA_F
ClientSampleId :
A02145



Tgt Ion:264 Resp: 273946

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.0	17.4	26.2

