

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127736.D
 Acq On : 11 Apr 2022 14:02
 Operator : CG\JU
 Sample : N2334-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18R

Quant Time: Apr 11 18:55:21 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)

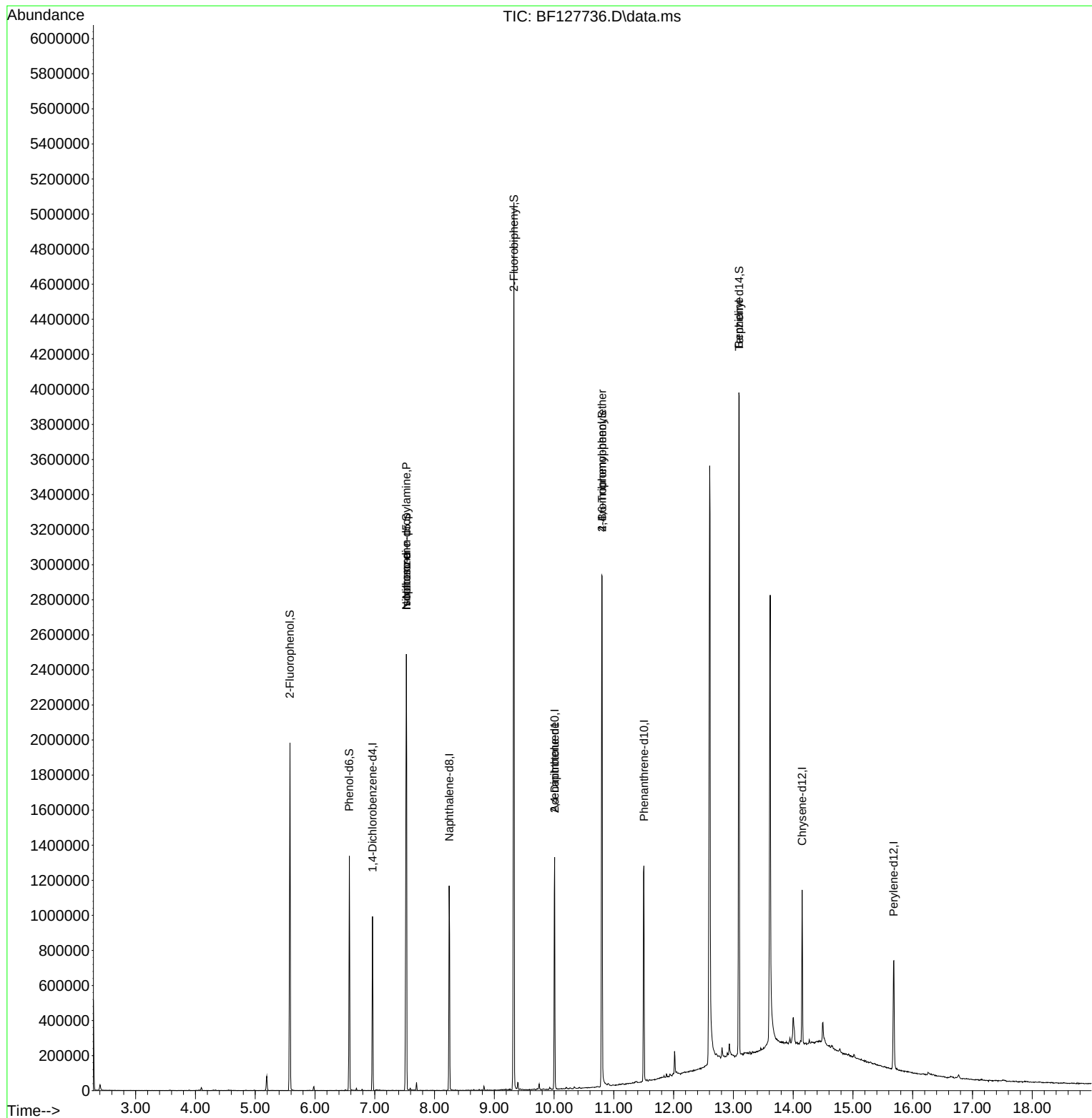
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	129427	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	460233	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	266914	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	474486	20.000	ng	0.00
76) Chrysene-d12	14.151	240	296641	20.000	ng	0.00
86) Perylene-d12	15.680	264	317354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	467166	58.651	ng	0.00
7) Phenol-d6	6.575	99	369565	35.466	ng	0.00
23) Nitrobenzene-d5	7.528	82	911736	88.317	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	404407	142.379	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1579965	83.739	ng	0.00
79) Terphenyl-d14	13.098	244	1512062	84.136	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	107	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	124771	18.513	ng	# 75
25) Isophorone	7.528	82	911723	50.613	ng	# 70
57) 2,4-Dinitrotoluene	10.010	165	34128	7.548	ng	# 14
67) 4-Bromophenyl-phenylether	10.804	248	25674	4.458	ng	# 1
77) Benzidine	13.092	184	22414	2.895	ng	# 92

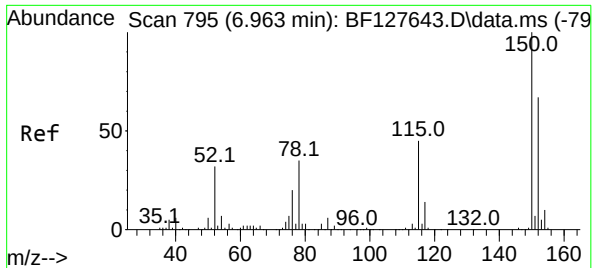
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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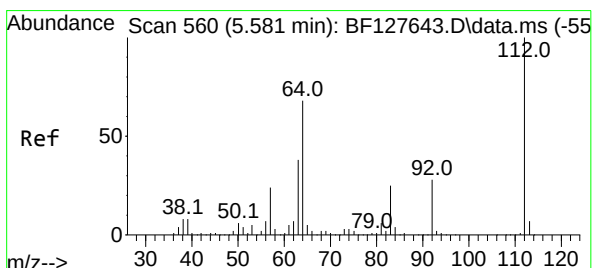
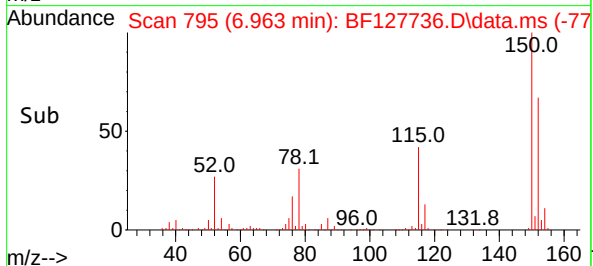
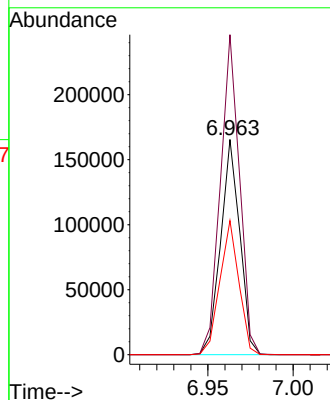
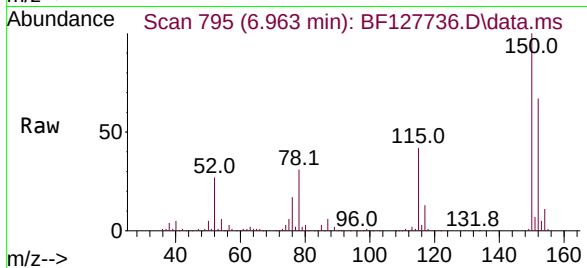




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

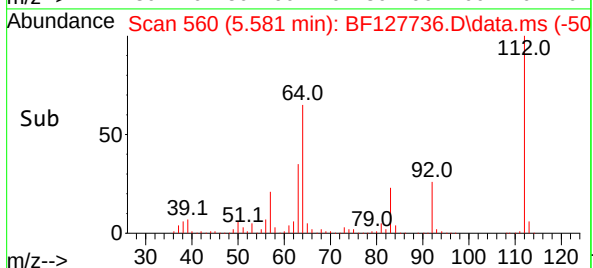
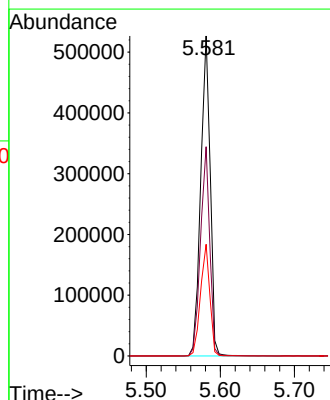
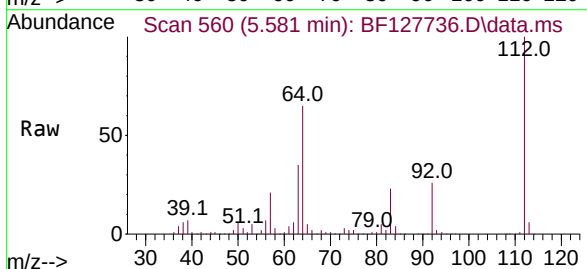
Instrument :
BNA_F
ClientSampleId :
MW-18R

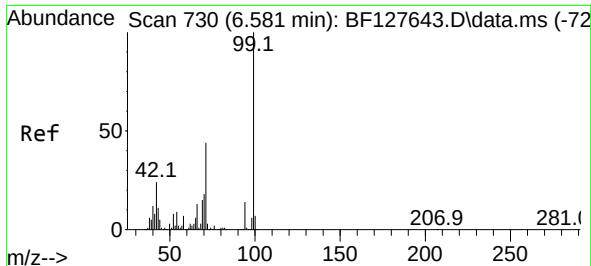
Tgt Ion:152 Resp: 129427
Ion Ratio Lower Upper
152 100
150 148.7 117.2 175.8
115 62.3 49.8 74.6



#5
2-Fluorophenol
Concen: 58.651 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

Tgt Ion:112 Resp: 467166
Ion Ratio Lower Upper
112 100
64 65.4 58.4 87.6
63 34.9 30.1 45.1

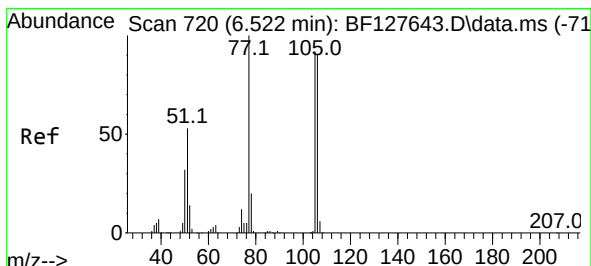
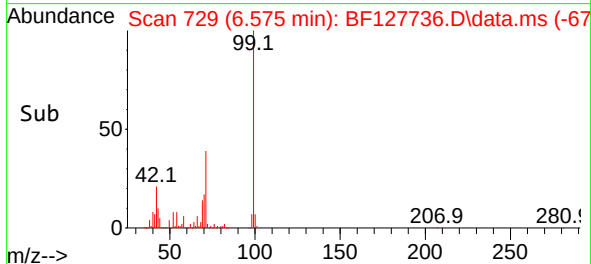
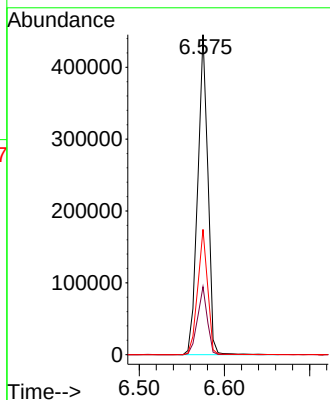
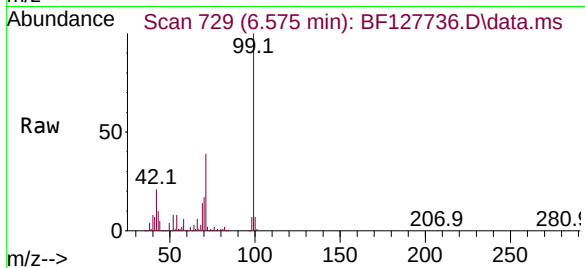




#7
Phenol-d6
Concen: 35.466 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

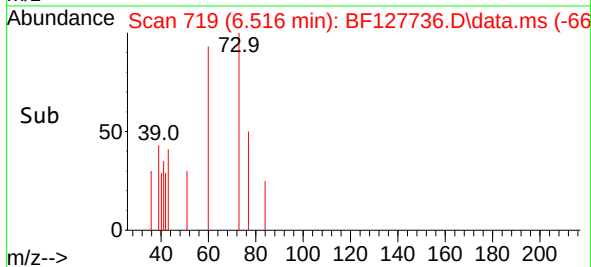
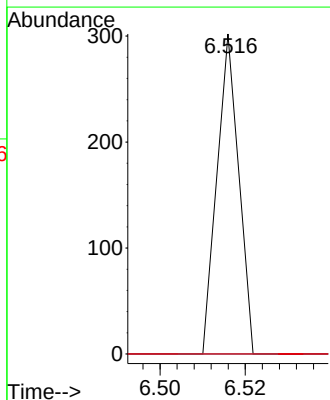
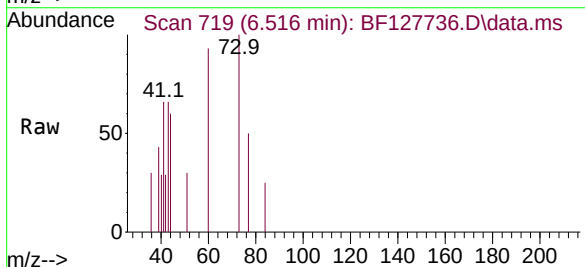
Instrument :
BNA_F
ClientSampleId :
MW-18R

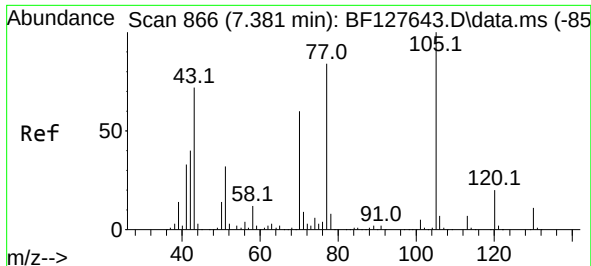
Tgt Ion: 99 Resp: 369565
Ion Ratio Lower Upper
99 100
42 21.3 17.8 26.6
71 39.1 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

Tgt Ion: 77 Resp: 107
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

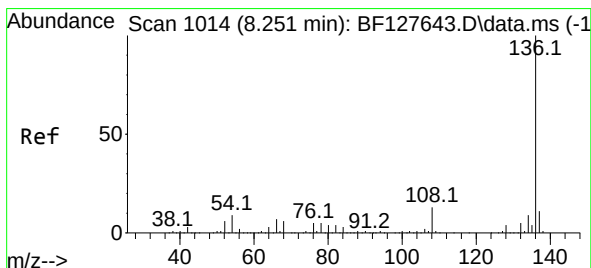
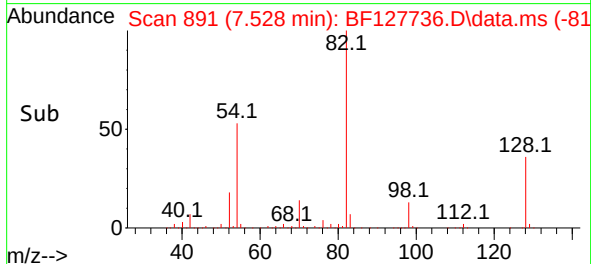
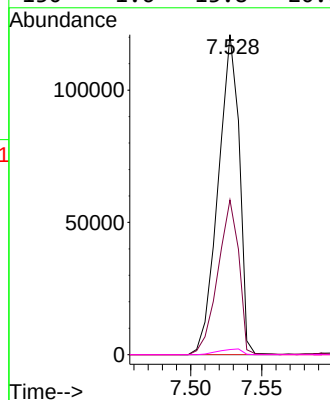
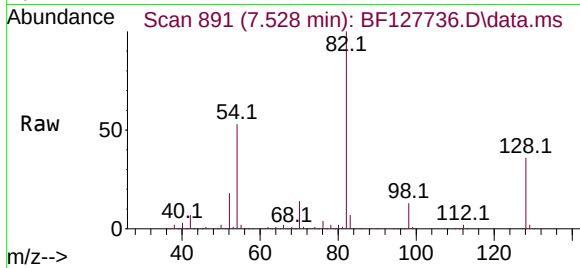




#19
n-Nitroso-di-n-propylamine
Concen: 18.513 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

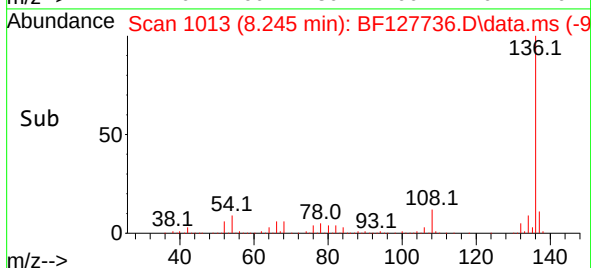
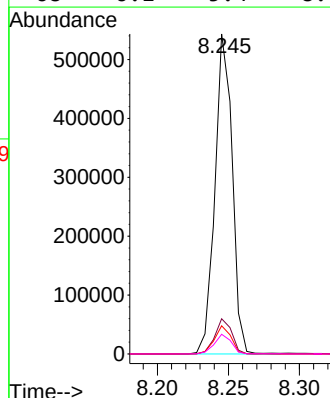
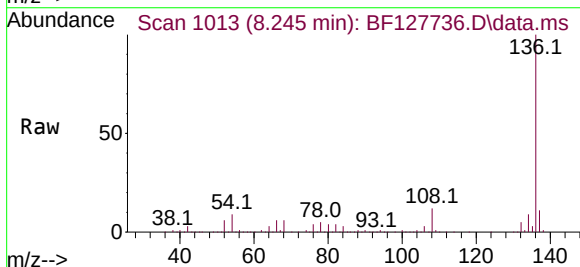
Instrument :
BNA_F
ClientSampleId :
MW-18R

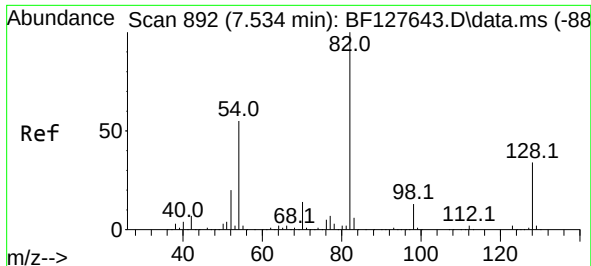
Tgt Ion: 70 Resp: 124771
Ion Ratio Lower Upper
70 100
42 48.4 53.0 79.6#
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

Tgt Ion: 136 Resp: 460233
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.8 9.2 13.8#
68 6.1 5.4 8.0

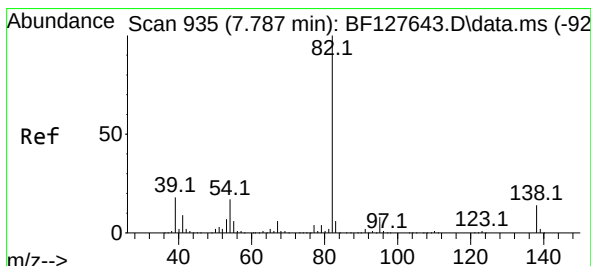
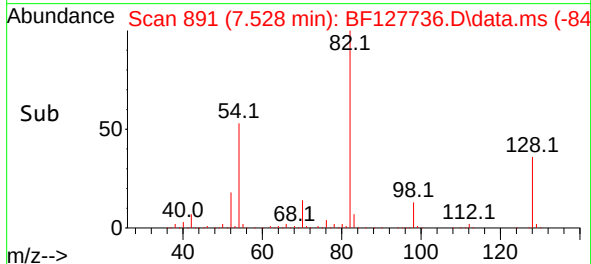
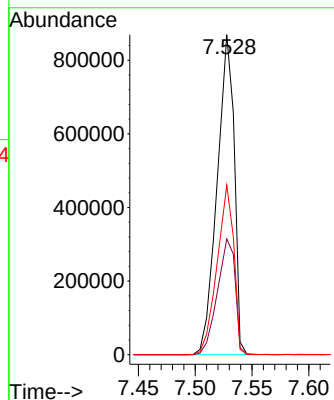
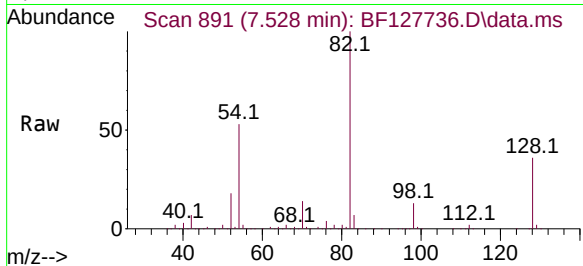




#23
Nitrobenzene-d5
Concen: 88.317 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

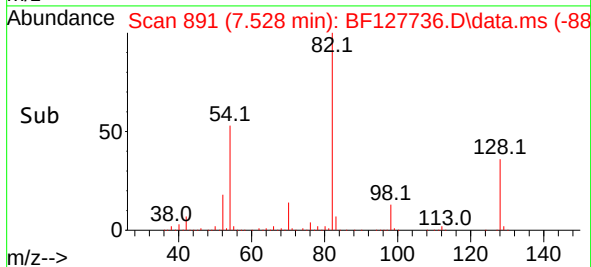
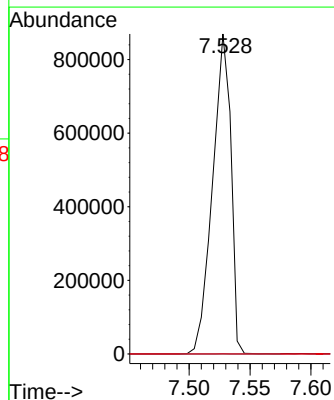
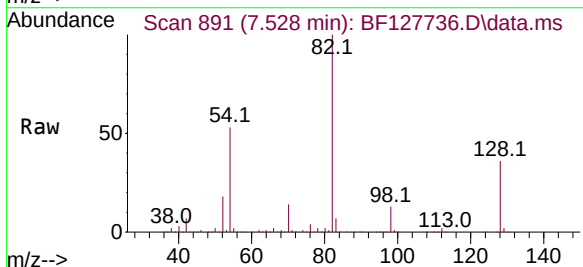
Instrument :
BNA_F
ClientSampleId :
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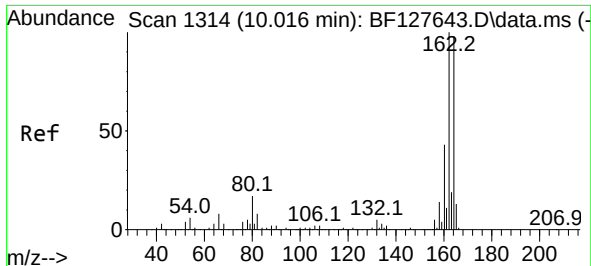
Tgt Ion: 82 Resp: 911736
Ion Ratio Lower Upper
82 100
128 36.2 30.6 45.8
54 52.9 48.2 72.2



#25
Isophorone
Concen: 50.613 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

Tgt Ion: 82 Resp: 911723
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

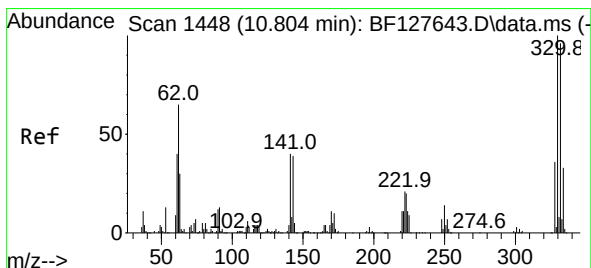
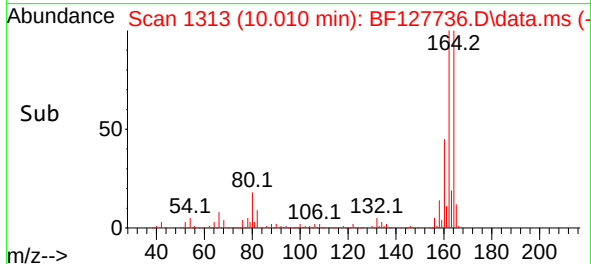
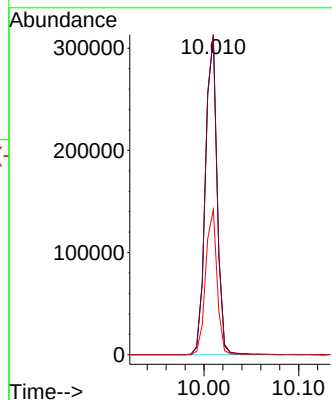
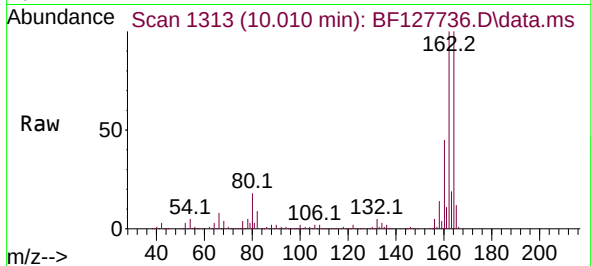




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

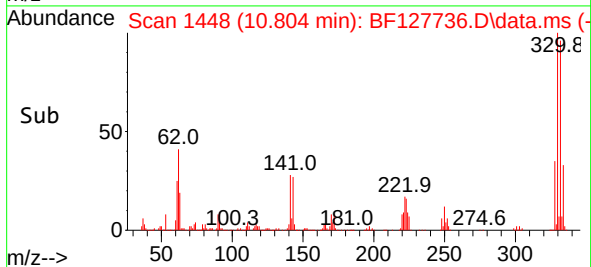
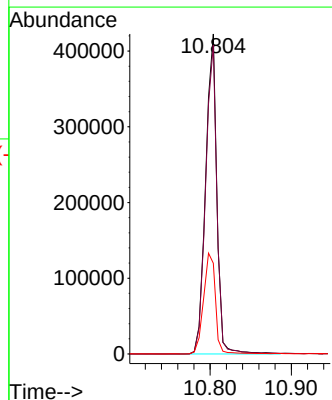
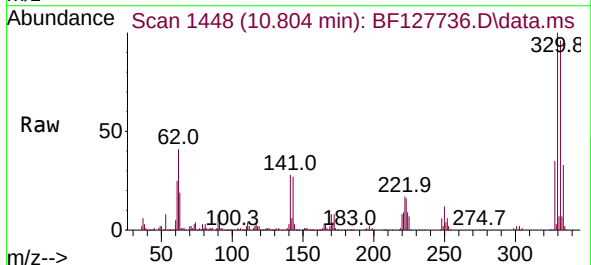
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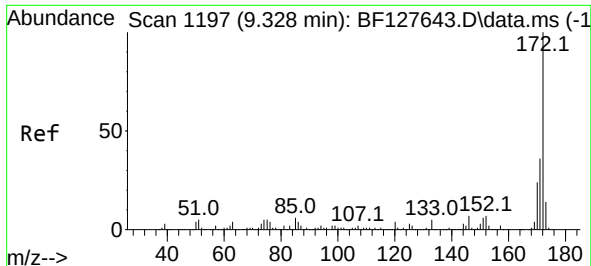
Tgt Ion:164 Resp: 266914
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 45.5 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 142.379 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

Tgt Ion:330 Resp: 404407
Ion Ratio Lower Upper
330 100
332 97.4 79.1 118.7
141 33.5 26.2 39.4

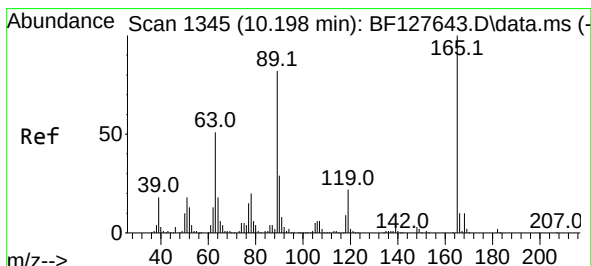
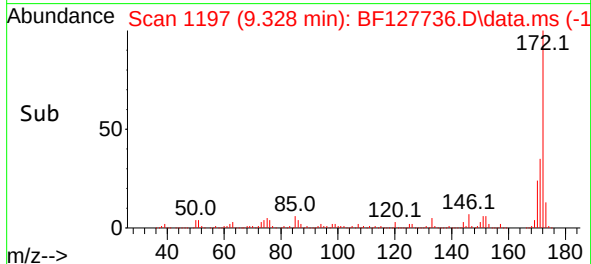
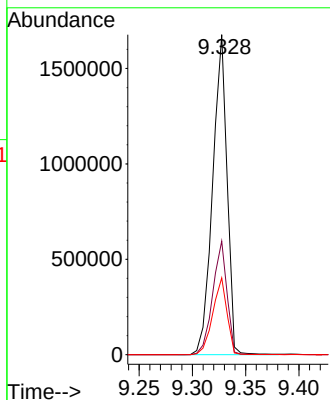
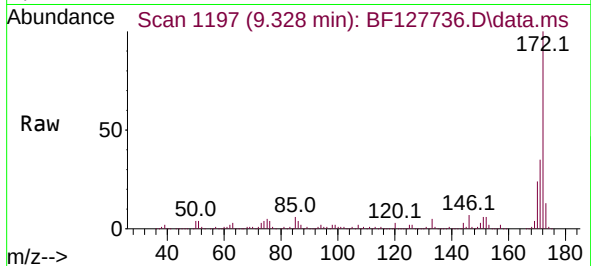




#45
2-Fluorobiphenyl
Concen: 83.739 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

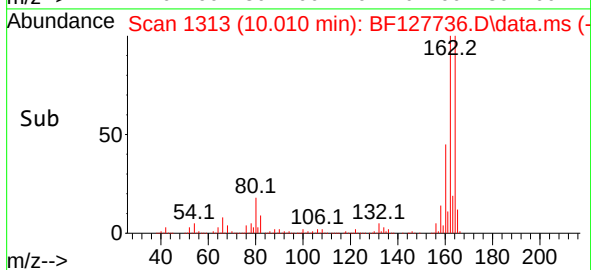
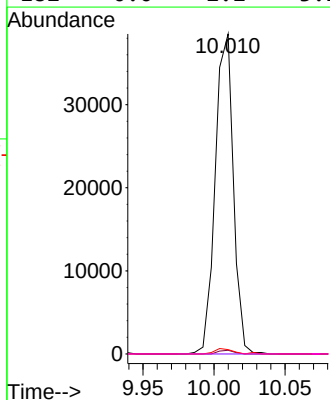
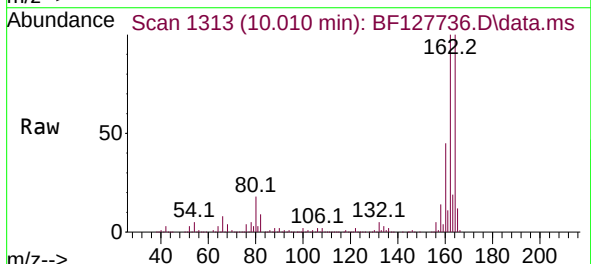
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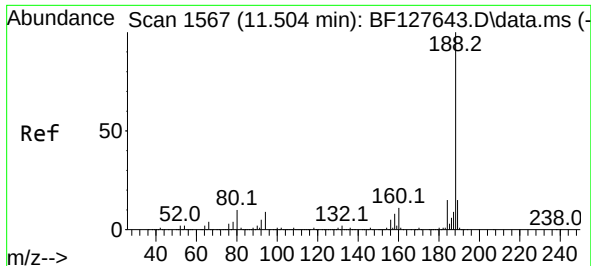
Tgt Ion:172 Resp: 1579965
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.0 18.6 27.8



#57
2,4-Dinitrotoluene
Concen: 7.548 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

Tgt Ion:165 Resp: 34128
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#

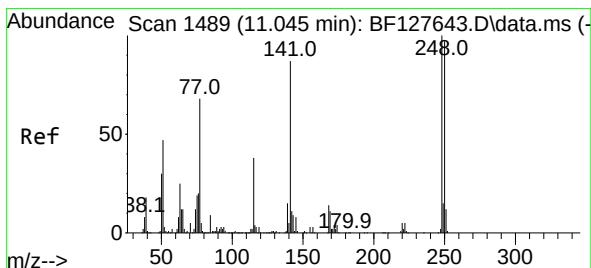
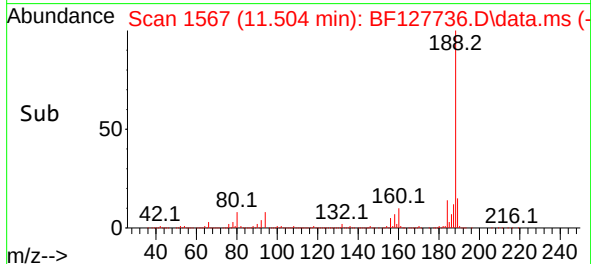
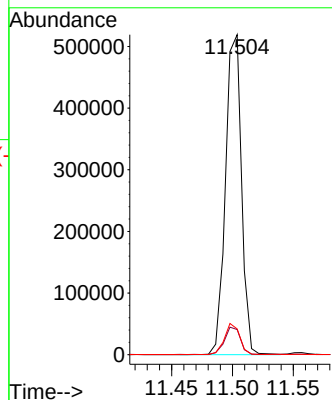
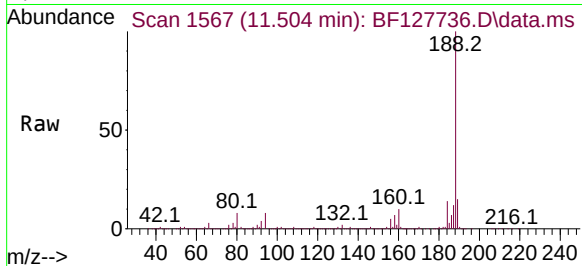




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

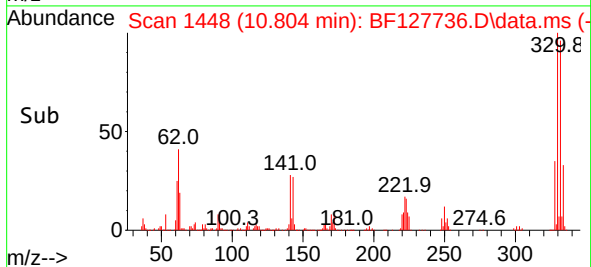
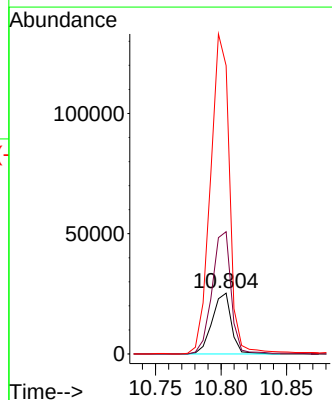
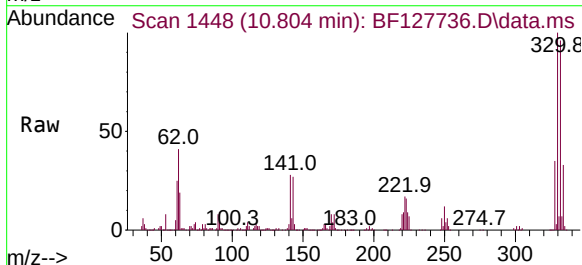
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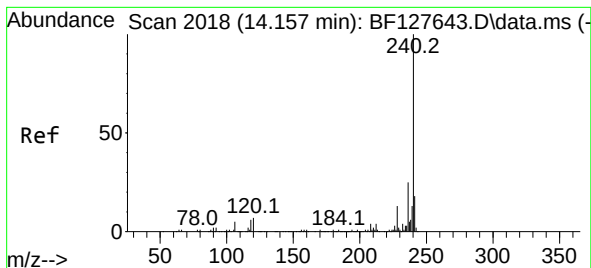
Tgt Ion:188 Resp: 474486
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.0
80 8.1 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.458 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.241 min
Lab File: BF127736.D
Acq: 11 Apr 2022 14:02

Tgt Ion:248 Resp: 25674
Ion Ratio Lower Upper
248 100
250 201.2 76.6 115.0#
141 474.6 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127736.D

Acq: 11 Apr 2022 14:02

Instrument :

BNA_F

ClientSampleId :

MW-18R

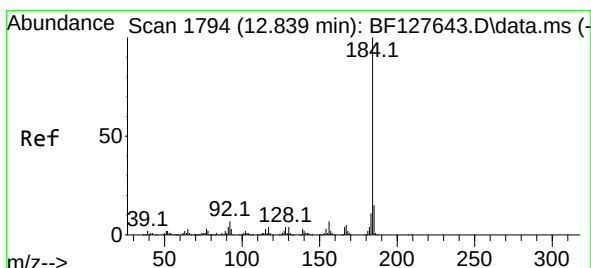
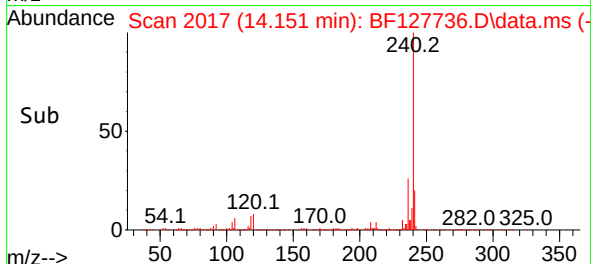
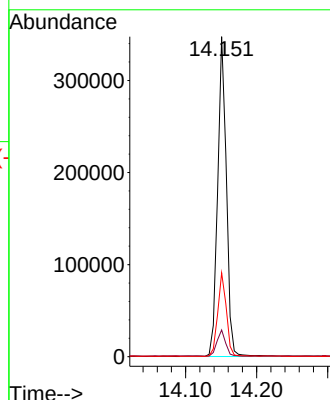
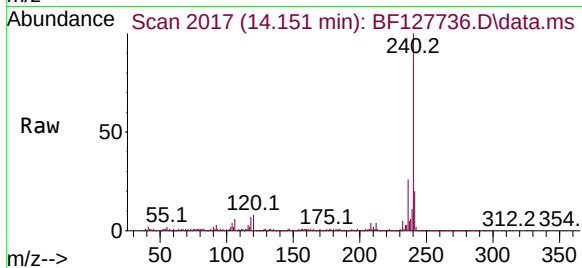
Tgt Ion:240 Resp: 296641

Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

236 26.2 20.7 31.1



#77

Benzidine

Concen: 2.895 ng

RT: 13.092 min Scan# 1837

Delta R.T. 0.253 min

Lab File: BF127736.D

Acq: 11 Apr 2022 14:02

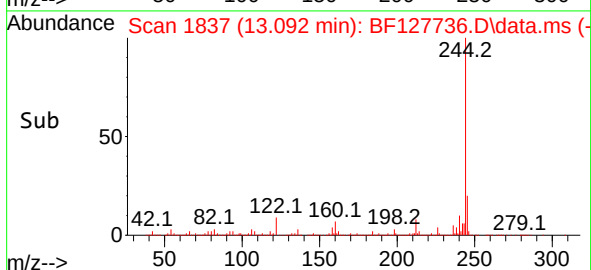
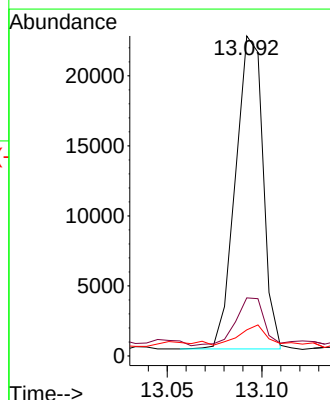
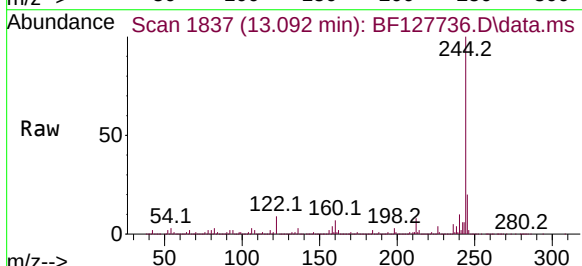
Tgt Ion:184 Resp: 22414

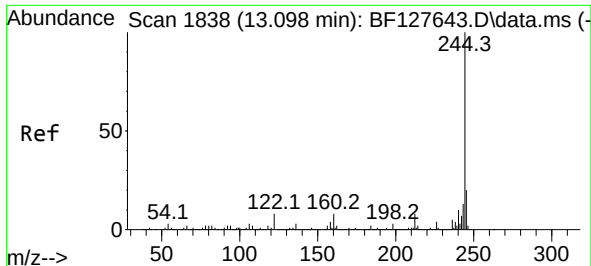
Ion Ratio Lower Upper

184 100

185 18.2 12.2 18.2

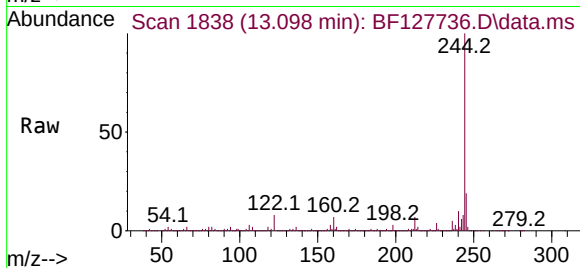
183 8.1 9.4 14.0#





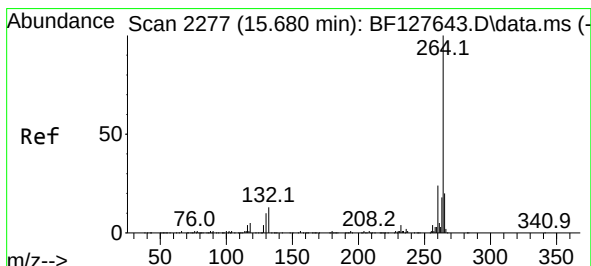
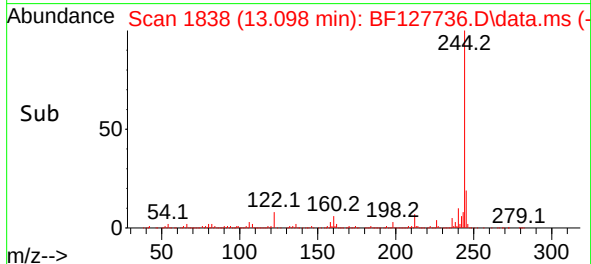
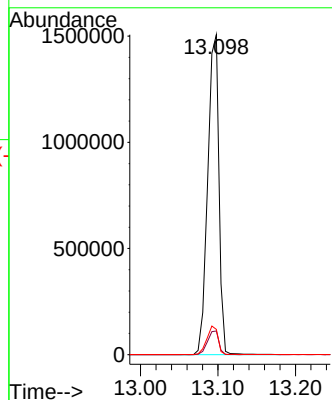
#79
 Terphenyl-d14
 Concen: 84.136 ng
 RT: 13.098 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF127736.D
 Acq: 11 Apr 2022 14:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-18R



Tgt Ion:244 Resp: 1512062

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	7.9	6.2	9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2277
 Delta R.T. -0.000 min
 Lab File: BF127736.D
 Acq: 11 Apr 2022 14:02

Tgt Ion:264 Resp: 317354

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.8	17.4	26.2

