

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127823.D
 Acq On : 18 Apr 2022 14:06
 Operator : CG\JU
 Sample : PB144168BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144168BL

Quant Time: Apr 19 05:15:01 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 13 16:40:15 2022
 Response via : Initial Calibration

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

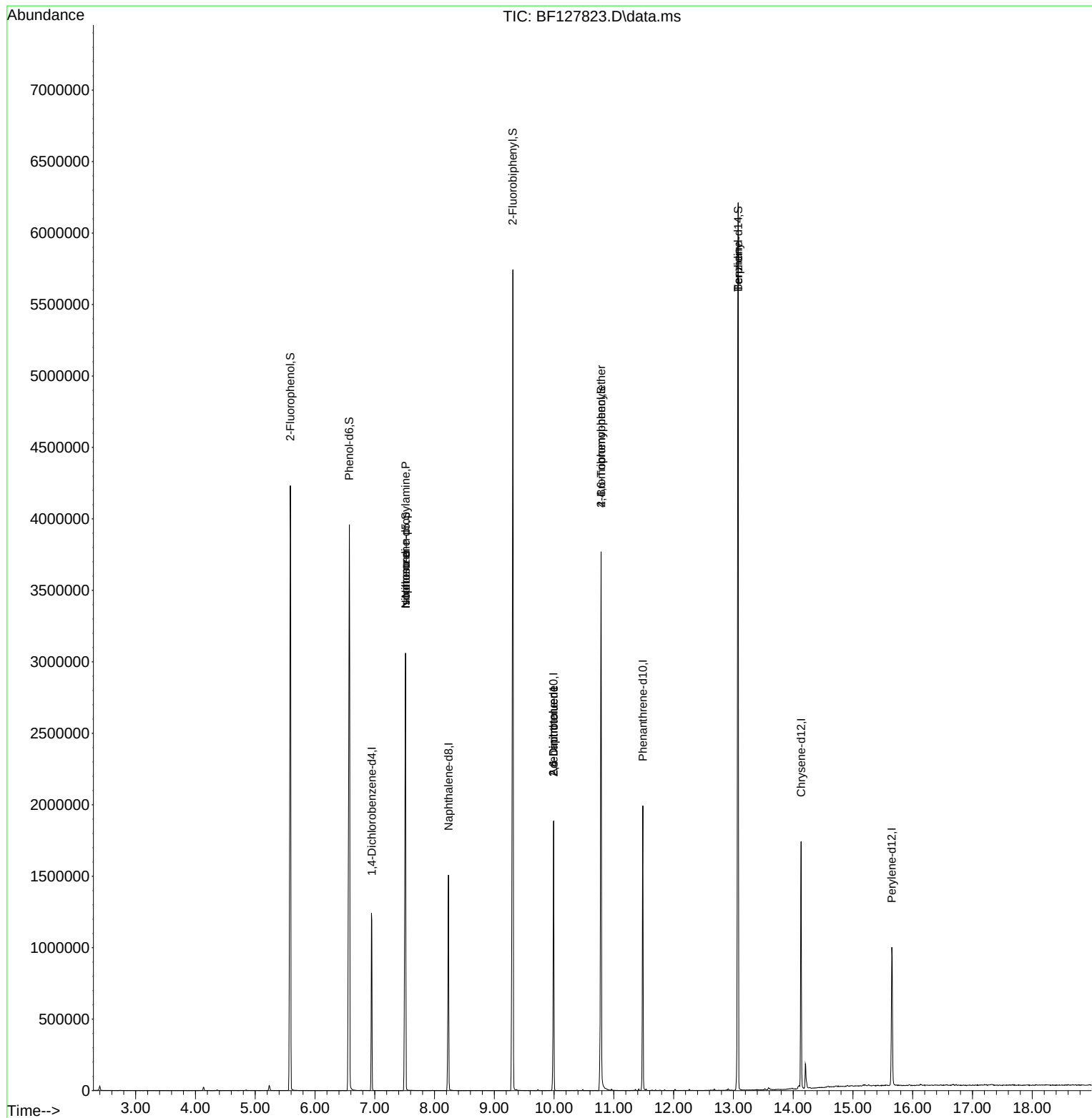
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	194002	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	704059	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	395508	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	721153	20.000	ng	0.00
76) Chrysene-d12	14.133	240	603737	20.000	ng	-0.01
86) Perylene-d12	15.651	264	477093	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1339686	112.208	ng	0.00
7) Phenol-d6	6.575	99	1714895	109.794	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1231163	77.958	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	518119	123.104	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2122070	75.903	ng	-0.01
79) Terphenyl-d14	13.080	244	2463667	67.356	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	3303	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.516	70	167901	16.620	ng	# 74
25) Isophorone	7.516	82	1214608	44.076	ng	# 70
51) 2,6-Dinitrotoluene	9.992	165	50773	9.396	ng	# 17
57) 2,4-Dinitrotoluene	9.992	165	50773	7.578	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	33721	3.853	ng	# 1
77) Benizidine	13.080	184	36154	2.294	ng	# 90

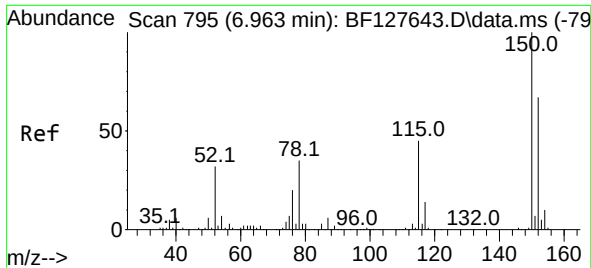
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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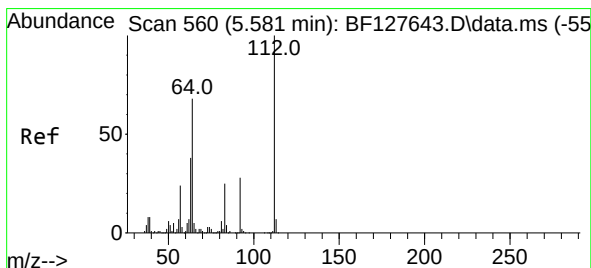
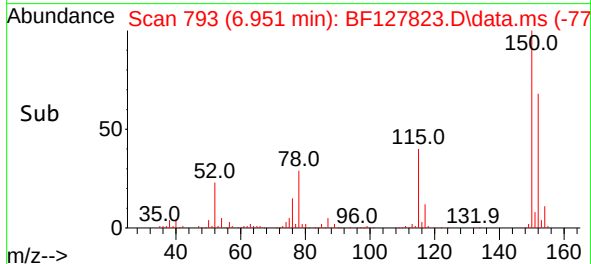
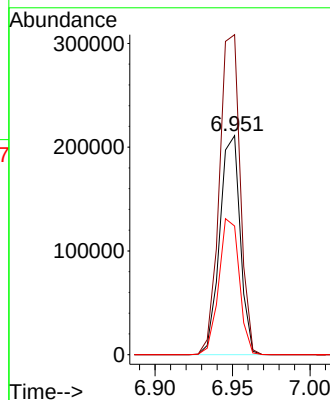
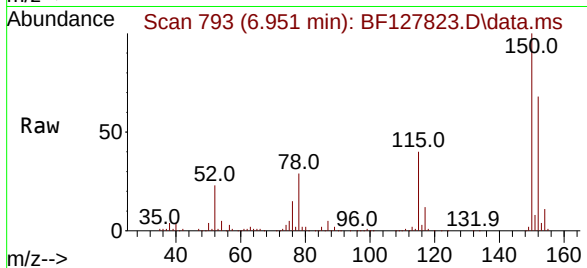




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

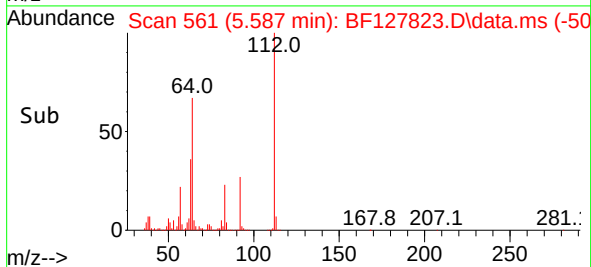
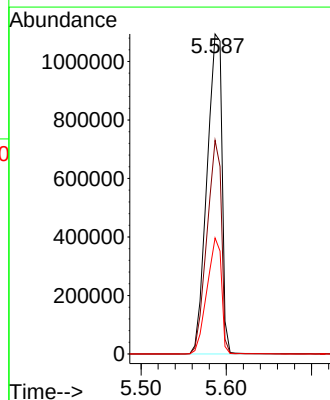
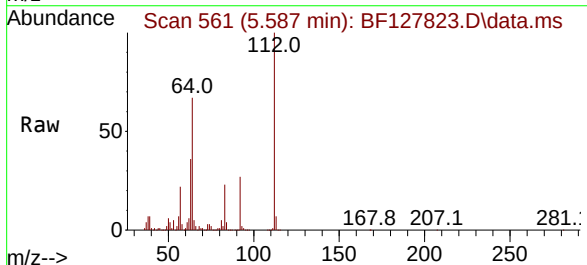
Instrument :
BNA_F
ClientSampleId :
PB144168BL

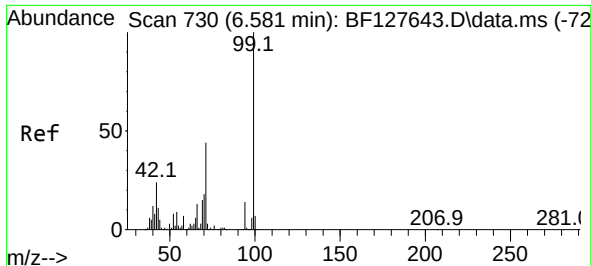
Tgt Ion:152 Resp: 194002
Ion Ratio Lower Upper
152 100
150 146.1 117.2 175.8
115 58.8 49.8 74.6



#5
2-Fluorophenol
Concen: 112.208 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

Tgt Ion:112 Resp: 1339686
Ion Ratio Lower Upper
112 100
64 66.8 58.4 87.6
63 36.3 30.1 45.1

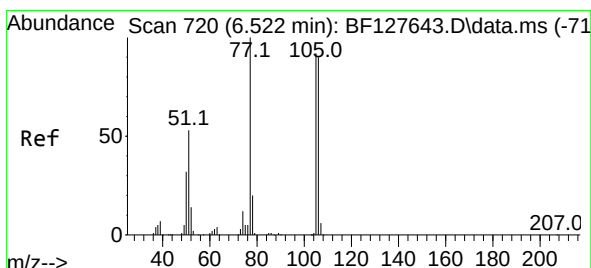
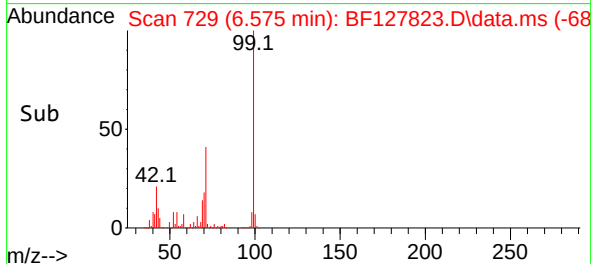
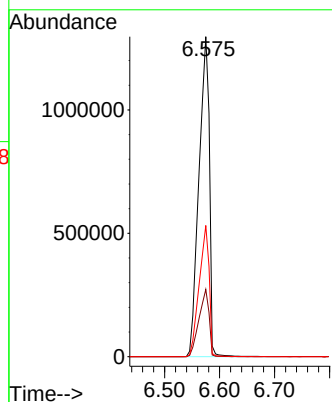
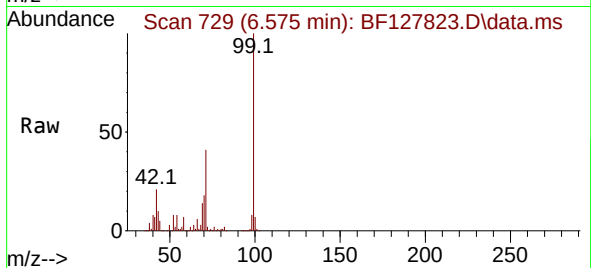




#7
Phenol-d6
Concen: 109.794 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.012 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

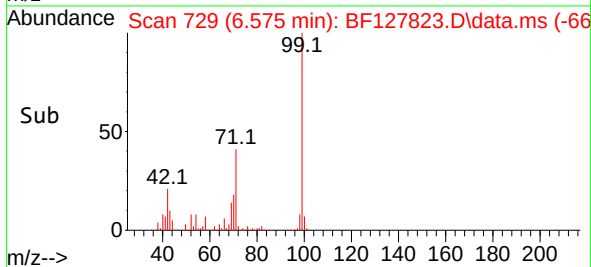
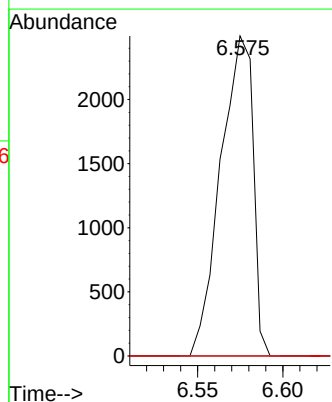
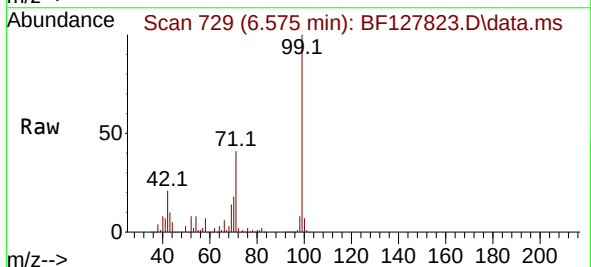
Instrument :
BNA_F
ClientSampleId :
PB144168BL

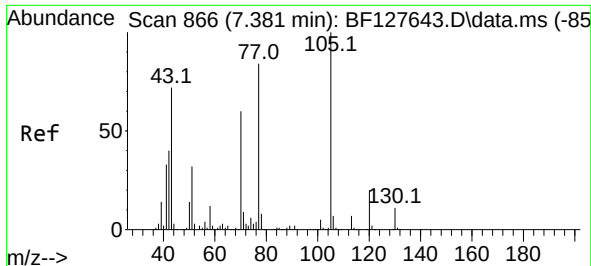
Tgt Ion: 99 Resp: 1714895
Ion Ratio Lower Upper
99 100
42 21.0 17.8 26.6
71 41.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 729
Delta R.T. 0.059 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

Tgt Ion: 77 Resp: 3303
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

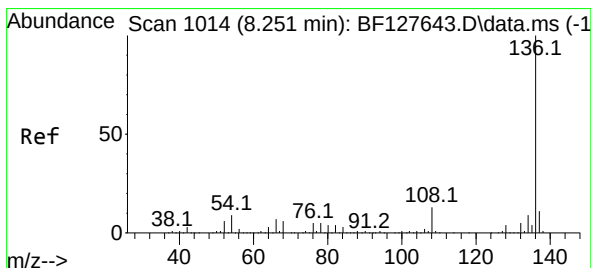
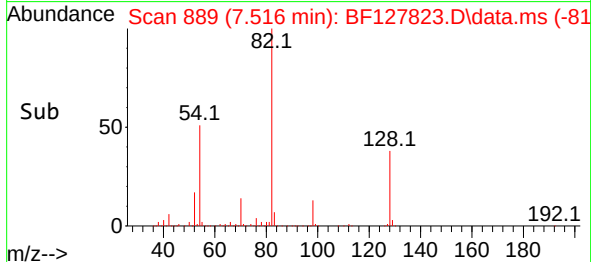
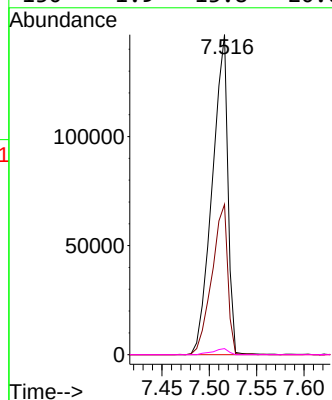
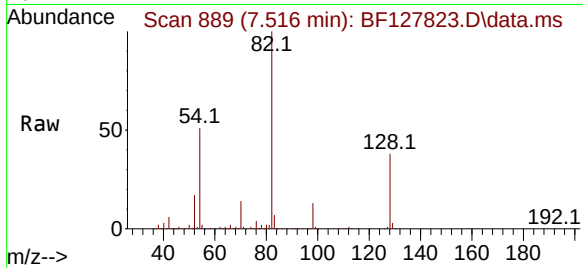




#19
n-Nitroso-di-n-propylamine
Concen: 16.620 ng
RT: 7.516 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

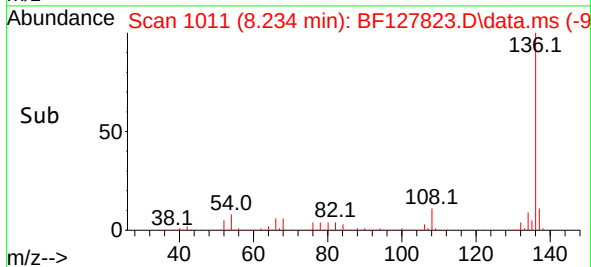
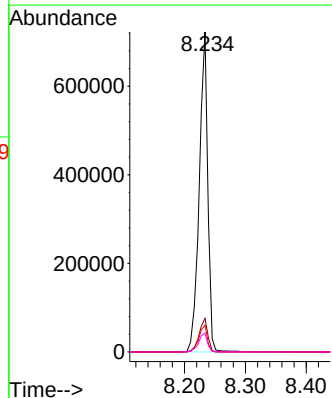
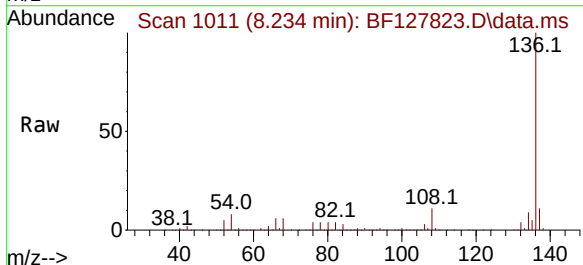
Instrument :
BNA_F
ClientSampleId :
PB144168BL

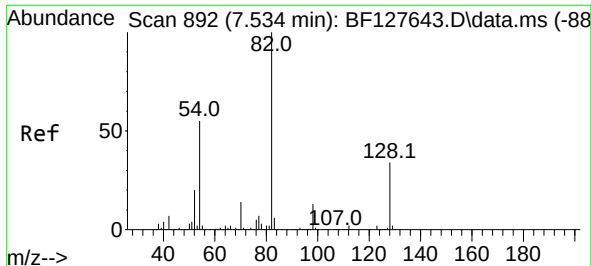
Tgt Ion: 70 Resp: 167901
Ion Ratio Lower Upper
70 100
42 46.9 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

Tgt Ion: 136 Resp: 704059
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 9.2 13.8#
68 5.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 77.958 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127823.D

Acq: 18 Apr 2022 14:06

Instrument :

BNA_F

ClientSampleId :

PB144168BL

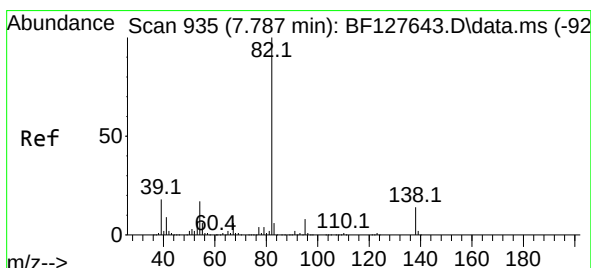
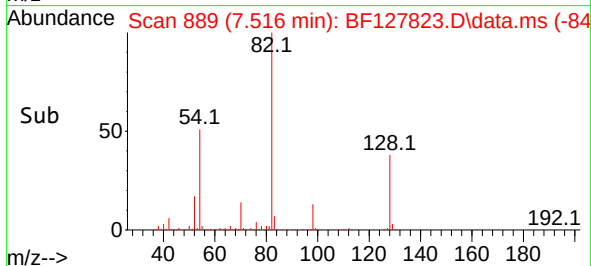
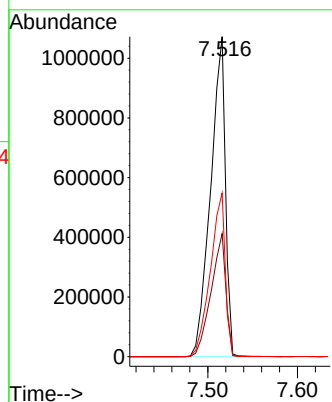
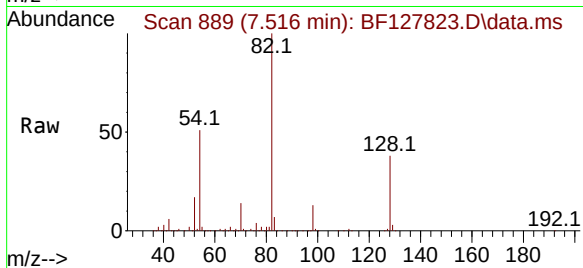
Tgt Ion: 82 Resp: 1231163

Ion Ratio Lower Upper

82 100

128 38.5 30.6 45.8

54 51.1 48.2 72.2



#25

Isophorone

Concen: 44.076 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.271 min

Lab File: BF127823.D

Acq: 18 Apr 2022 14:06

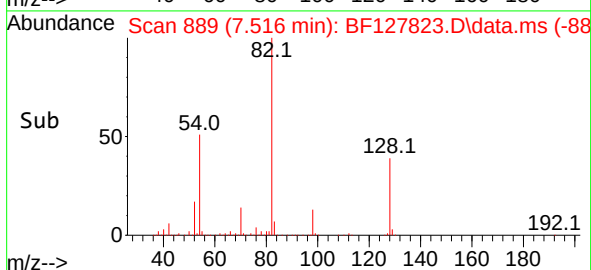
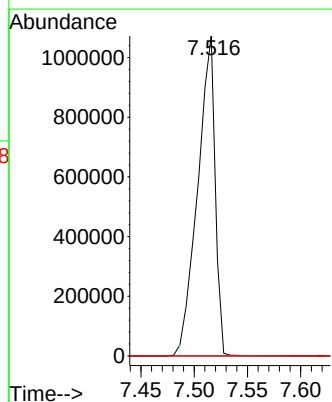
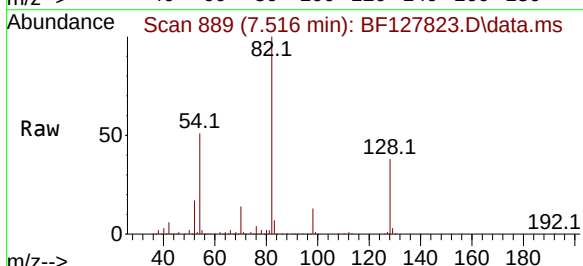
Tgt Ion: 82 Resp: 1214608

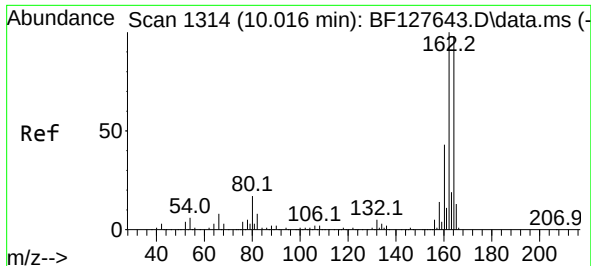
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

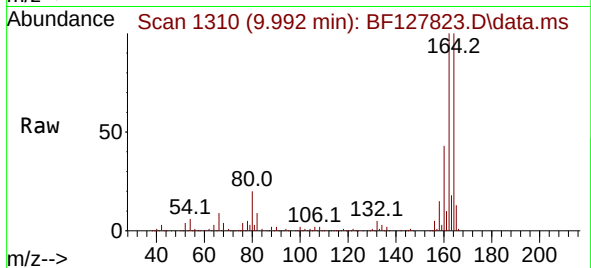
138 0.0 11.6 17.4#



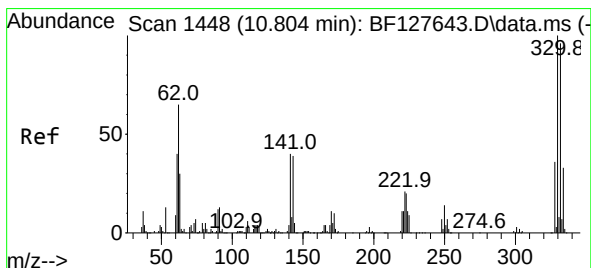
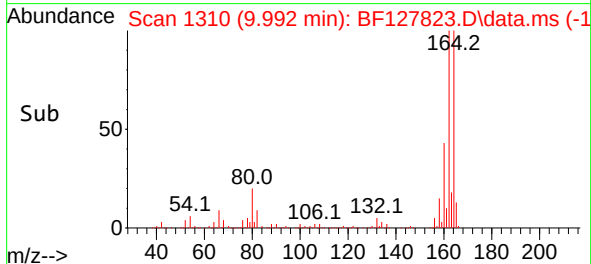
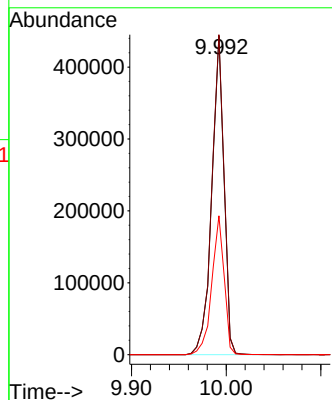


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

Instrument :
BNA_F
ClientSampleId :
PB144168BL

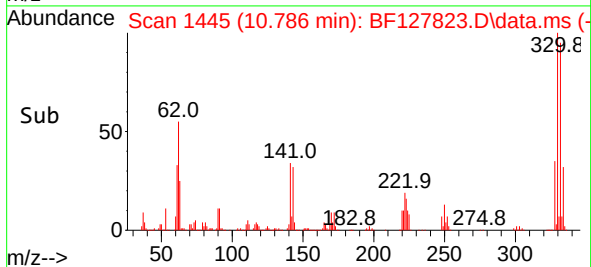
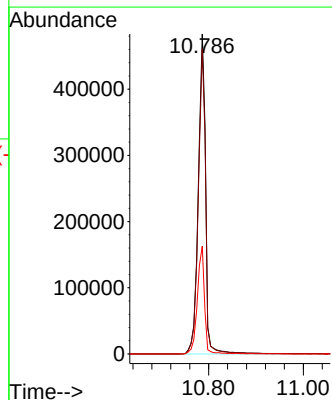
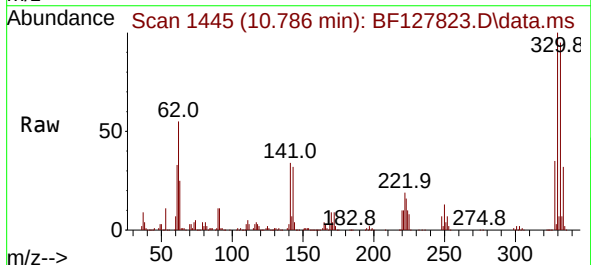


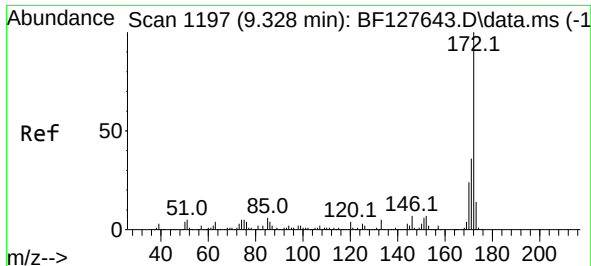
Tgt Ion:164 Resp: 395508
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 43.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 123.104 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

Tgt Ion:330 Resp: 518119
Ion Ratio Lower Upper
330 100
332 94.7 79.1 118.7
141 32.9 26.2 39.4

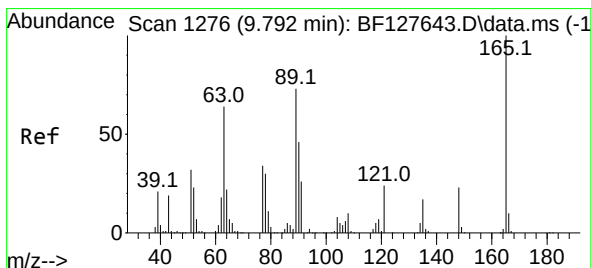
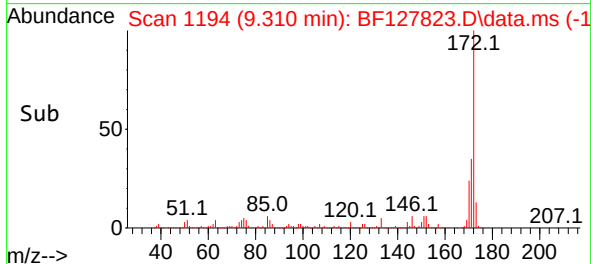
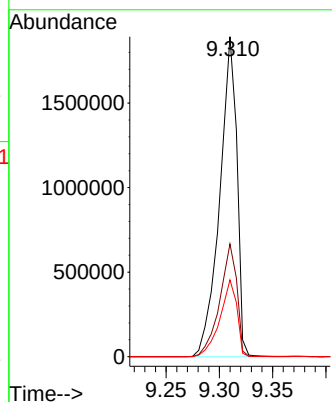
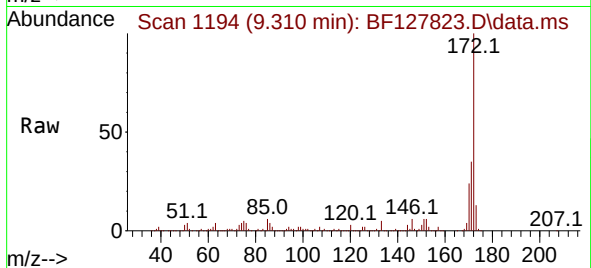




#45
2-Fluorobiphenyl
Concen: 75.903 ng
RT: 9.310 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

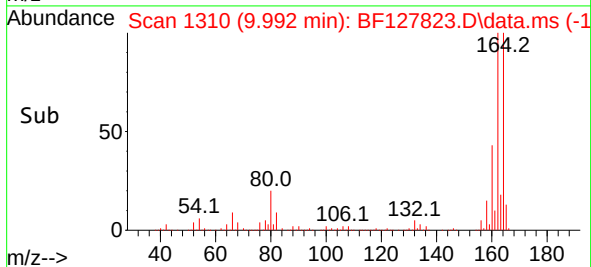
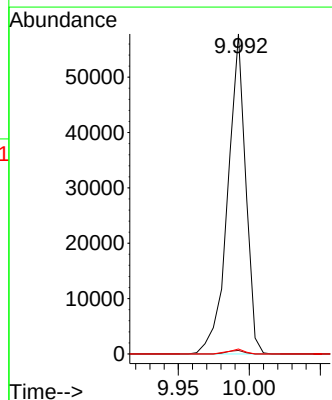
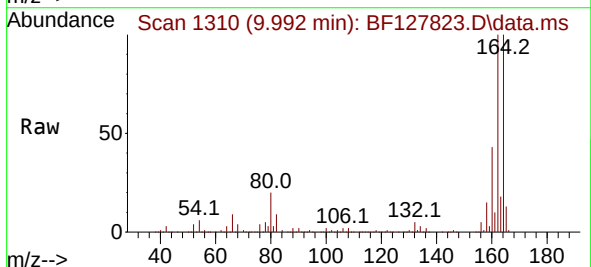
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ClientSampleId :
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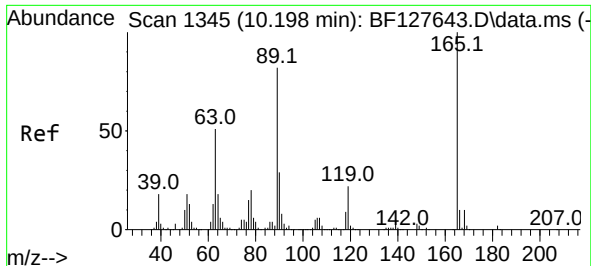
Tgt Ion:172 Resp: 2122070
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.396 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.206 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

Tgt Ion:165 Resp: 50773
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.6 51.5 77.3#

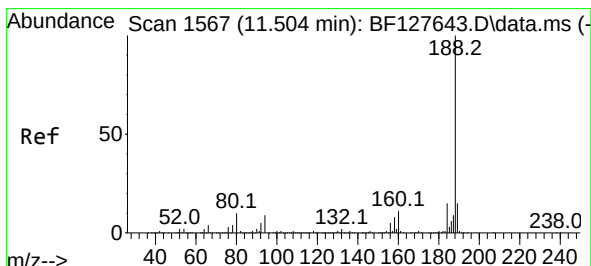
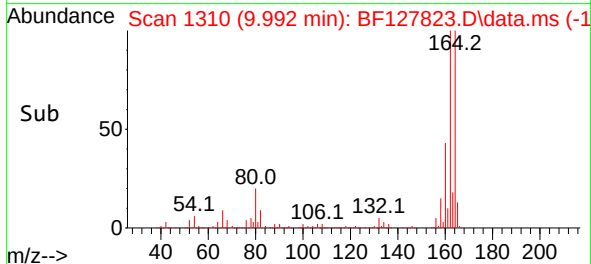
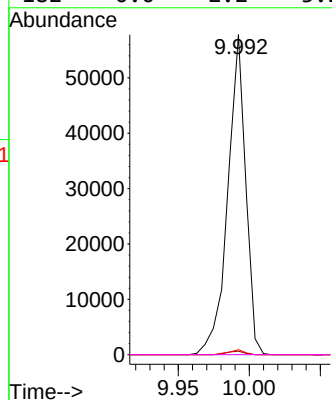
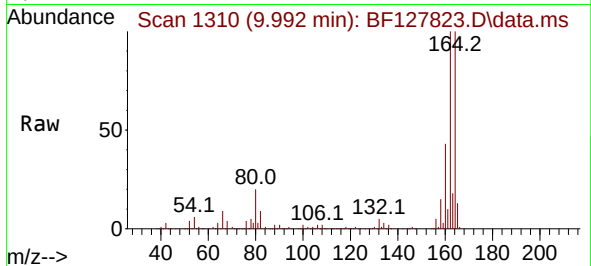




#57
2,4-Dinitrotoluene
Concen: 7.578 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

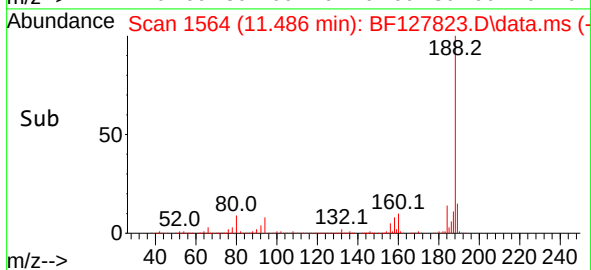
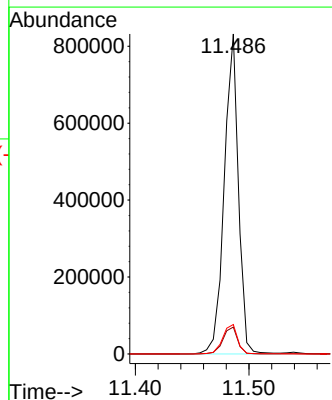
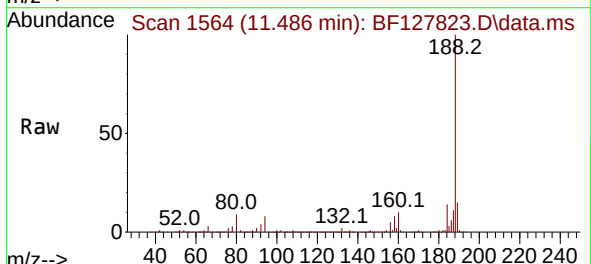
Instrument :
BNA_F
ClientSampleId :
PB144168BL

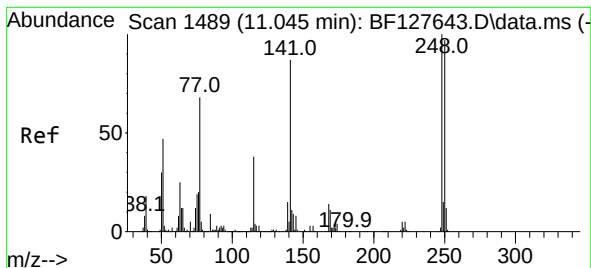
Tgt Ion:165 Resp: 50773
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

Tgt Ion:188 Resp: 721153
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 9.2 8.0 12.0

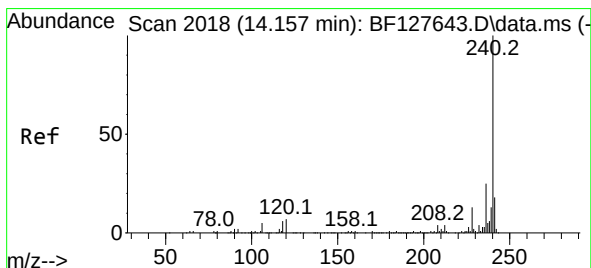
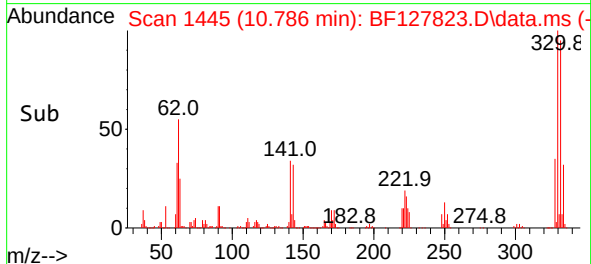
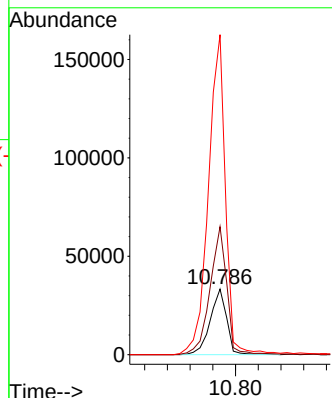
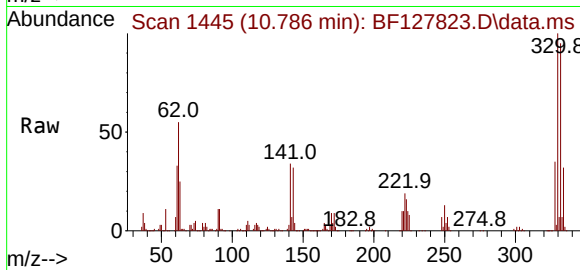




#67
4-Bromophenyl-phenylether
Concen: 3.853 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

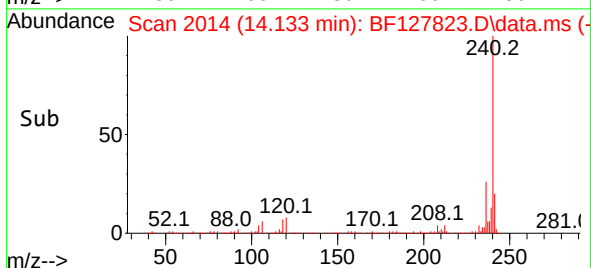
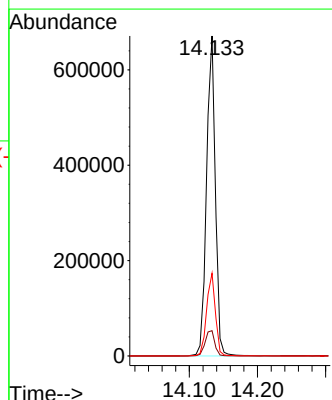
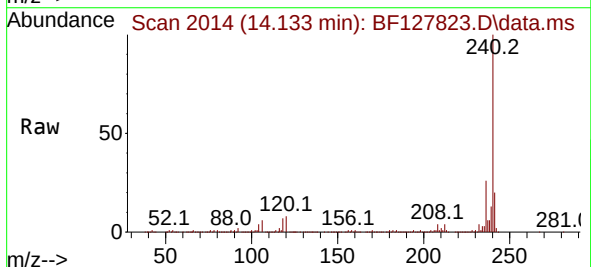
Instrument :
BNA_F
ClientSampleId :
PB144168BL

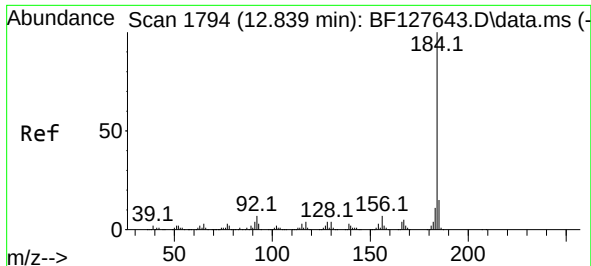
Tgt Ion:248 Resp: 33721
Ion Ratio Lower Upper
248 100
250 195.0 76.6 115.0#
141 487.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

Tgt Ion:240 Resp: 603737
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 25.8 20.7 31.1

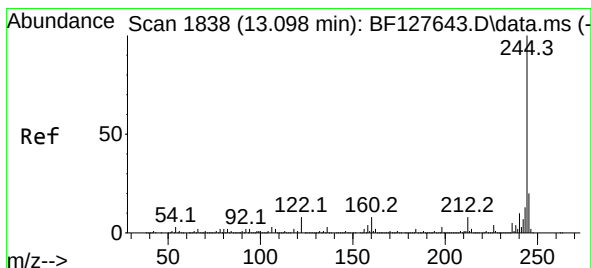
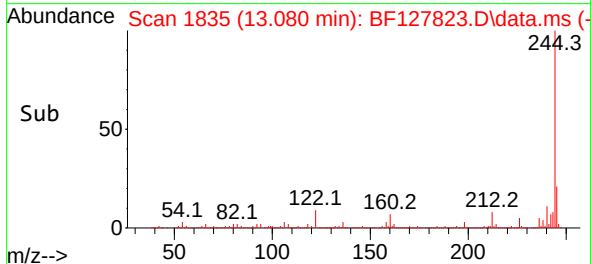
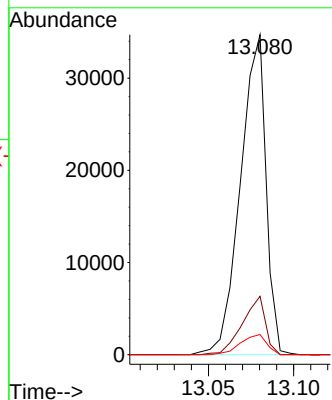
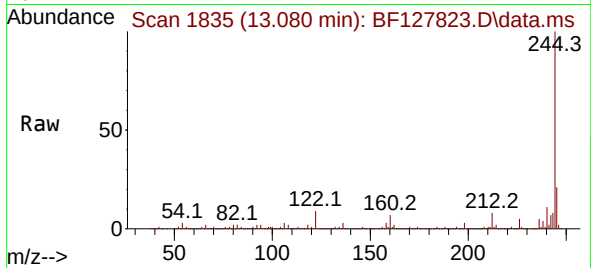




#77
Benzidine
Concen: 2.294 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

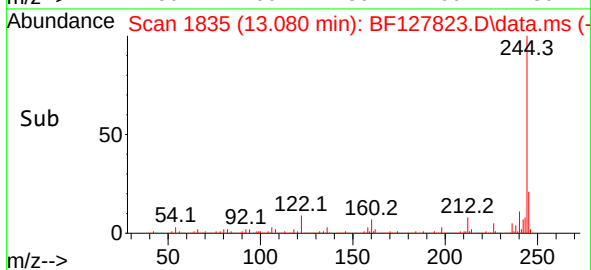
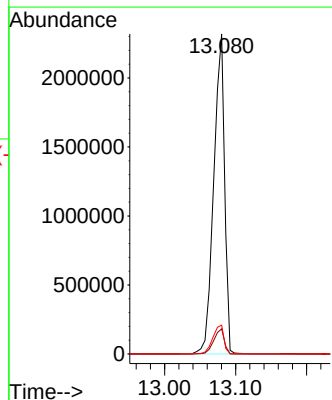
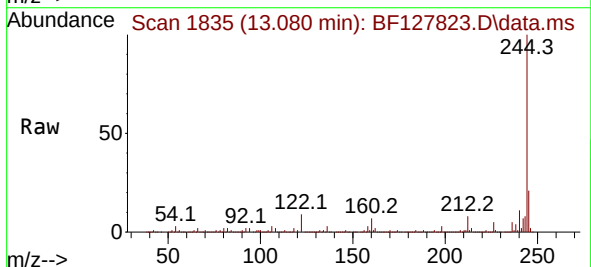
Instrument :
BNA_F
ClientSampleId :
PB144168BL

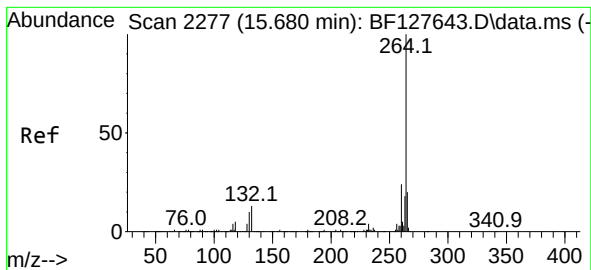
Tgt Ion:184 Resp: 36154
Ion Ratio Lower Upper
184 100
185 18.2 12.2 18.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 67.356 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

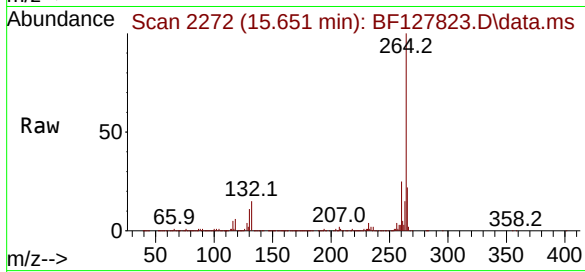
Tgt Ion:244 Resp: 2463667
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 9.0 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127823.D
Acq: 18 Apr 2022 14:06

Instrument :
BNA_F
ClientSampleId :
PB144168BL



Tgt Ion:264 Resp: 477093

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.1	28.7
265	22.1	17.4	26.2

