

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129836.D
 Acq On : 17 Aug 2022 10:13
 Operator : CG\JU
 Sample : PB146911TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146911TB

Quant Time: Aug 17 13:32:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

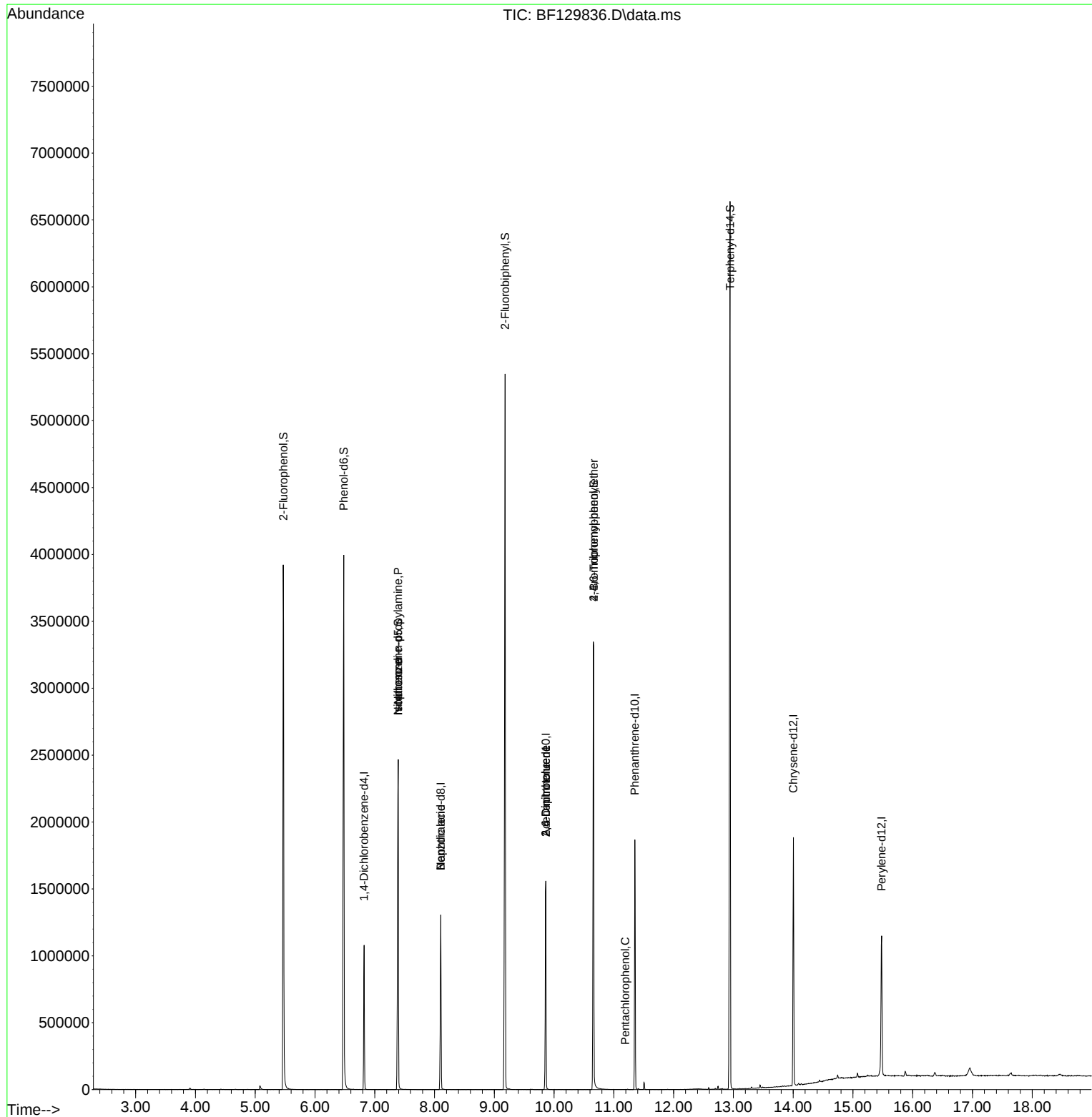
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	154129	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	622521	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	348679	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	662417	20.000	ng	0.00
76) Chrysene-d12	14.004	240	574128	20.000	ng	0.00
86) Perylene-d12	15.480	264	476196	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1158771	124.479	ng	0.00
7) Phenol-d6	6.481	99	1423904	122.145	ng	0.00
23) Nitrobenzene-d5	7.392	82	926373	79.661	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	453818	129.680	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1802634	78.521	ng	0.00
79) Terphenyl-d14	12.945	244	2342143	67.880	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	2302	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	123084	16.704	ng	# 75
25) Isophorone	7.392	82	926368	46.283	ng	# 65
32) Benzoic acid	8.104	122	57	2.169	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	44572	8.220	ng	# 23
57) 2,4-Dinitrotoluene	9.863	165	44572	6.332	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	28696	3.699	ng	# 1
70) Pentachlorophenol	11.192	266	225	5.265	ng	# 56
77) Benzidine	12.698	184	4340	Below Cal	#	89

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

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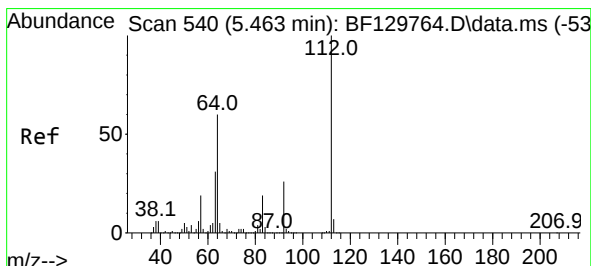
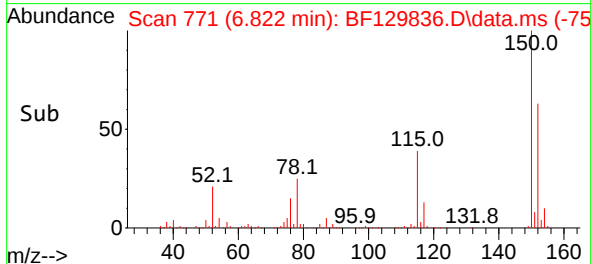
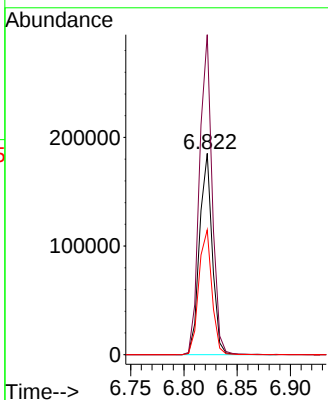
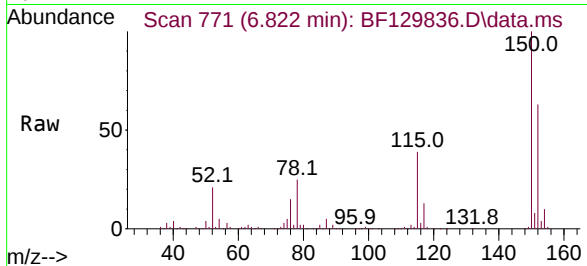




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

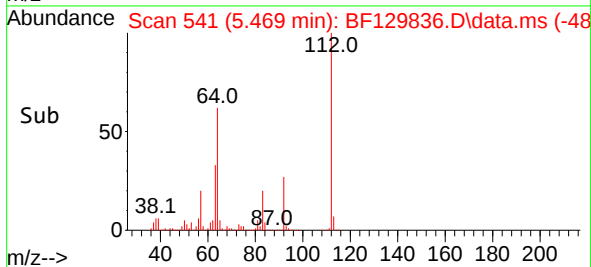
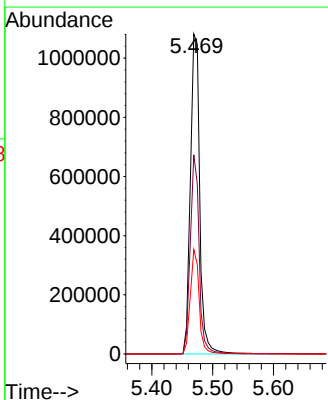
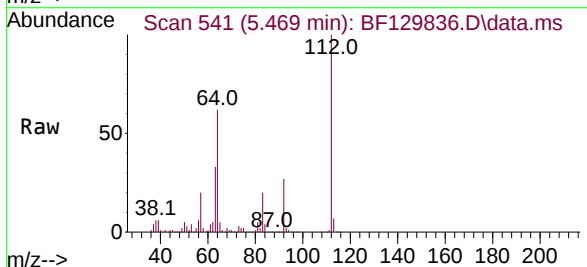
Instrument :
BNA_F
ClientSampleId :
PB146911TB

Tgt Ion:152 Resp: 154129
Ion Ratio Lower Upper
152 100
150 159.0 126.9 190.3
115 62.0 53.4 80.0



#5
2-Fluorophenol
Concen: 124.479 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

Tgt Ion:112 Resp: 1158771
Ion Ratio Lower Upper
112 100
64 62.3 47.6 71.4
63 32.7 24.6 37.0



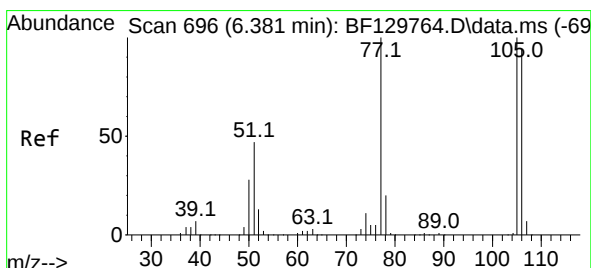
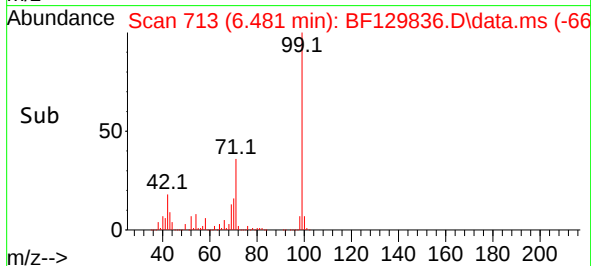
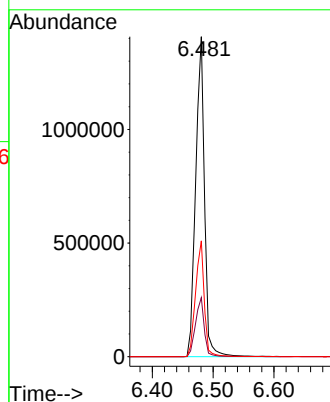
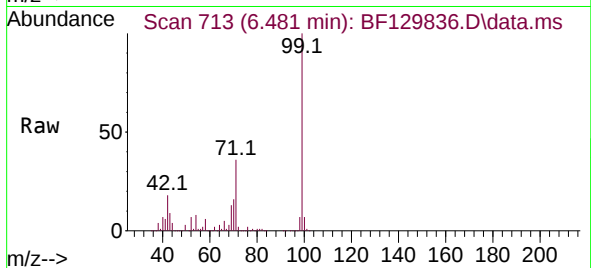


#7
Phenol-d6
Concen: 122.145 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

Instrument :
BNA_F
ClientSampleId :
PB146911TB

Tgt Ion: 99 Resp: 1423904

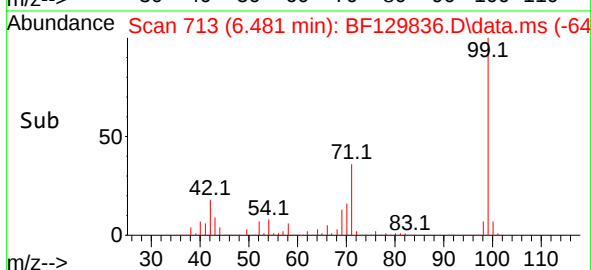
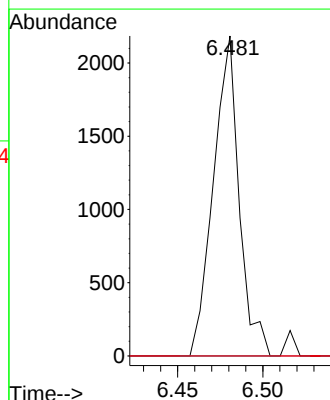
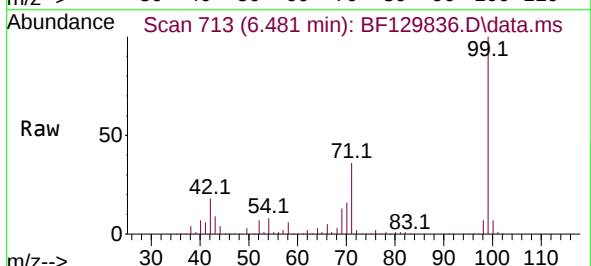
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.4
71	36.2	28.8	43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.100 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

Tgt Ion: 77 Resp: 2302

Ion	Ratio	Lower	Upper
77	100		
105	0.0	80.3	120.3#
106	0.0	74.3	114.3#

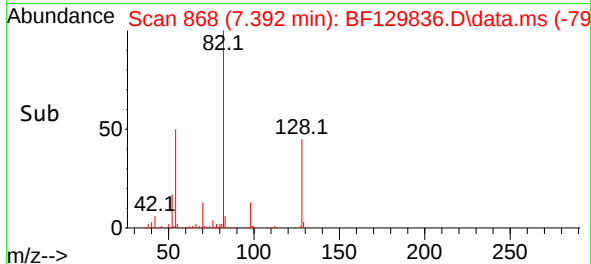
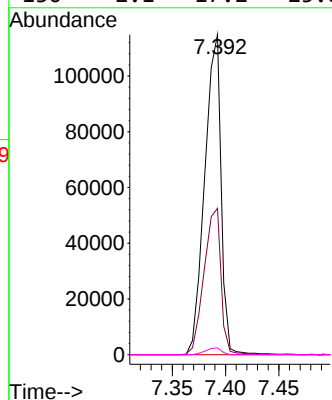
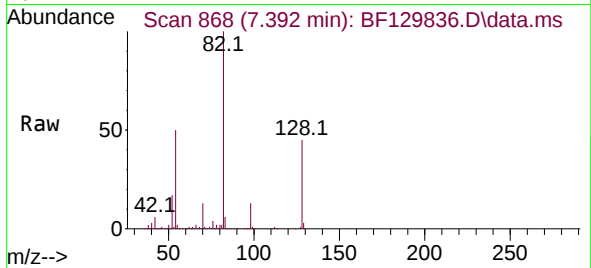




#19
n-Nitroso-di-n-propylamine
Concen: 16.704 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

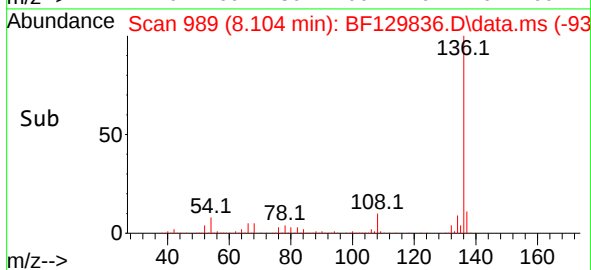
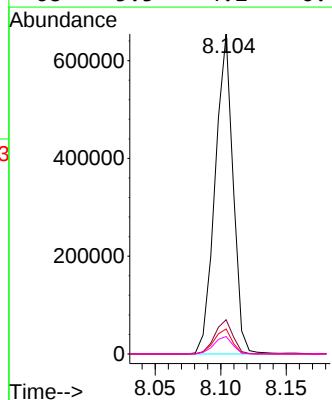
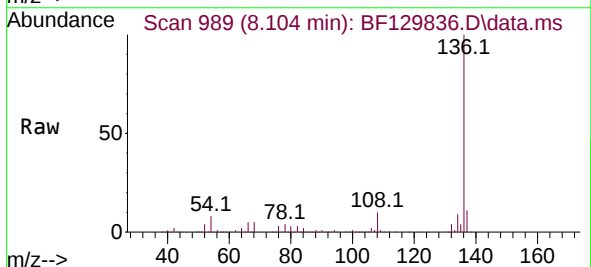
Instrument :
BNA_F
ClientSampleId :
PB146911TB

Tgt Ion: 70 Resp: 123084
Ion Ratio Lower Upper
70 100
42 45.7 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

Tgt Ion: 136 Resp: 622521
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.8 6.2 9.2
68 5.5 4.2 6.4

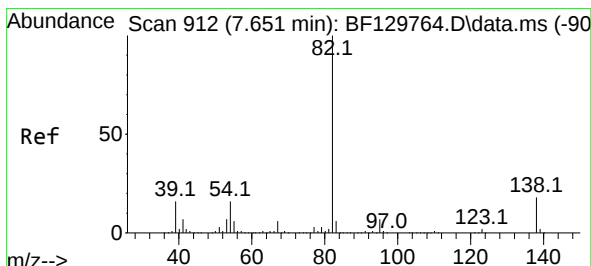
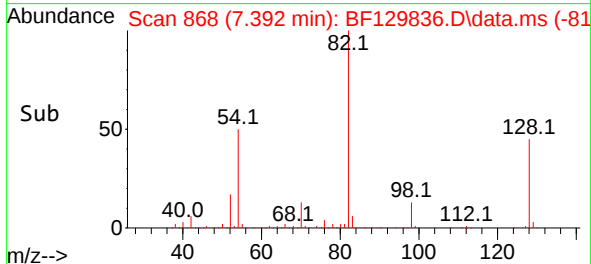
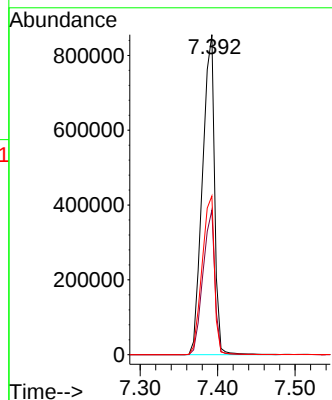
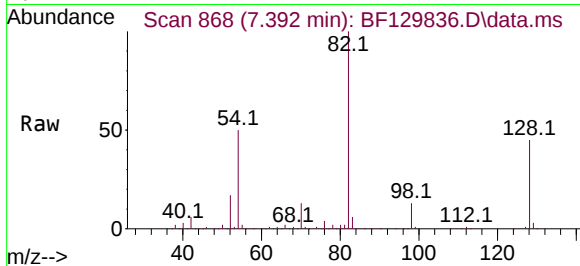




#23
Nitrobenzene-d5
Concen: 79.661 ng
RT: 7.392 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

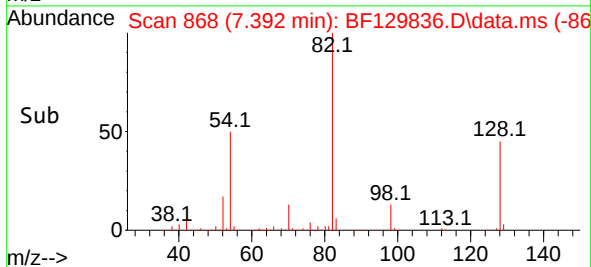
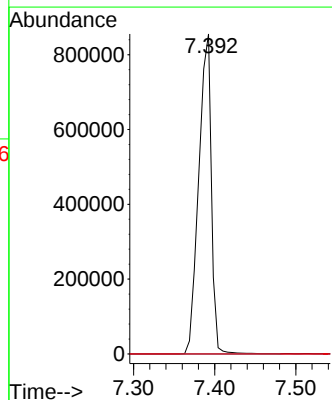
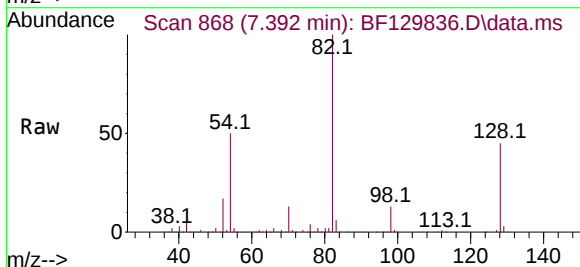
Instrument :
BNA_F
ClientSampleId :
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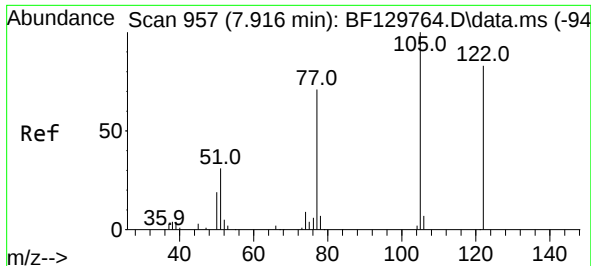
Tgt Ion: 82 Resp: 926373
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 49.6 40.0 60.0



#25
Isophorone
Concen: 46.283 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

Tgt Ion: 82 Resp: 926368
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

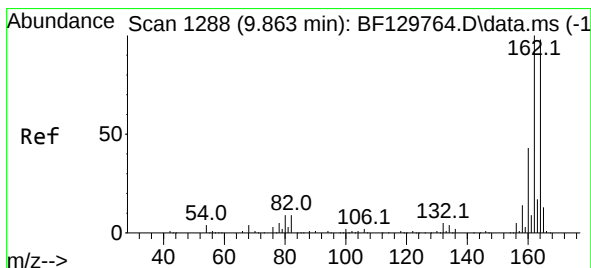
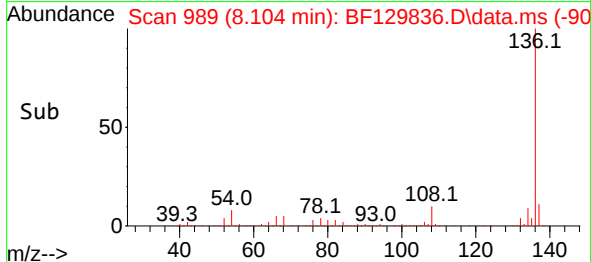
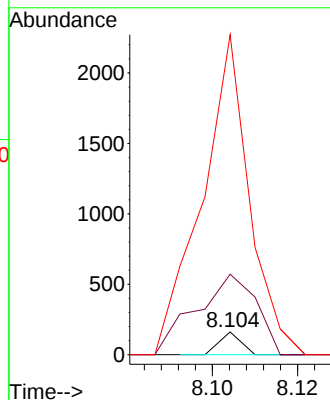
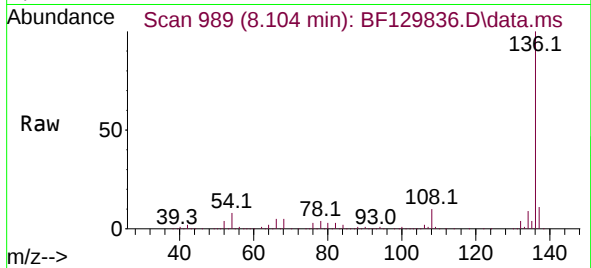




#32
Benzoic acid
Concen: 2.169 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

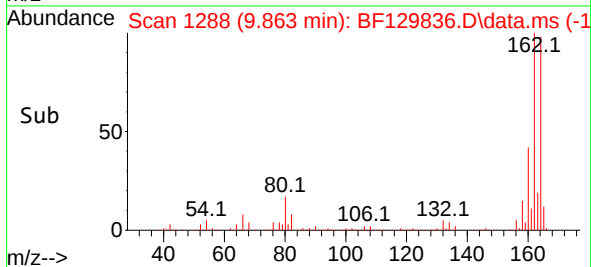
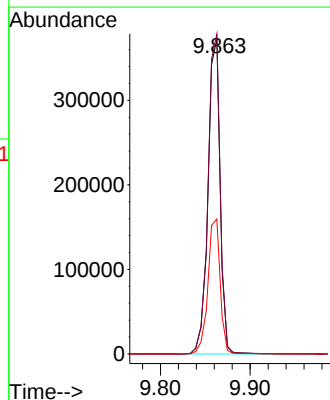
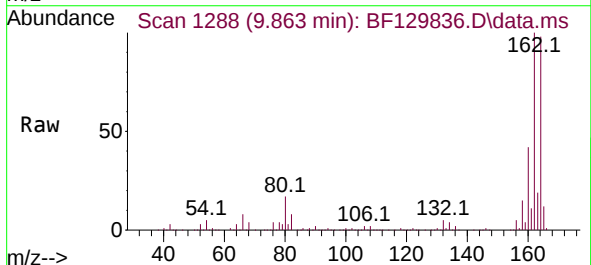
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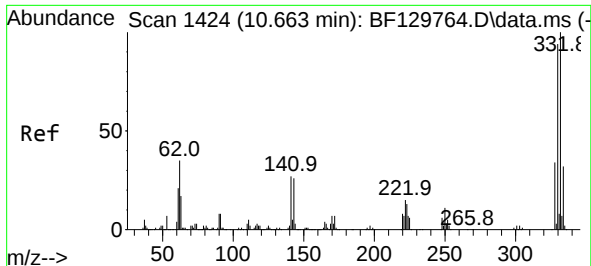
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 353.1 99.9 139.9#
77 1402.5 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

Tgt Ion:164 Resp: 348679
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 42.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 129.680 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129836.D

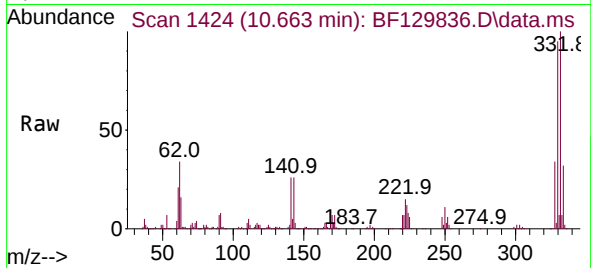
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Instrument :

BNA_F

ClientSampleId :

PB146911TB



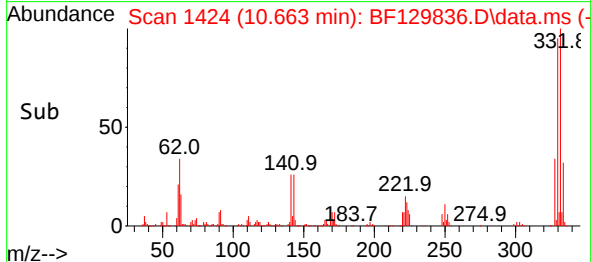
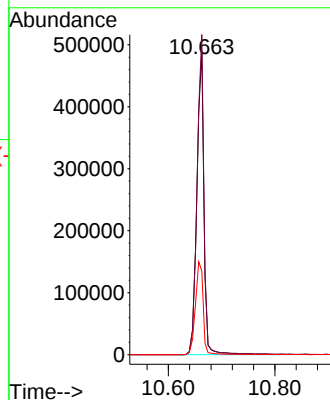
Tgt Ion:330 Resp: 453818

Ion Ratio Lower Upper

330 100

332 102.3 82.6 124.0

141 33.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 78.521 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129836.D

Acq: 17 Aug 2022 10:13

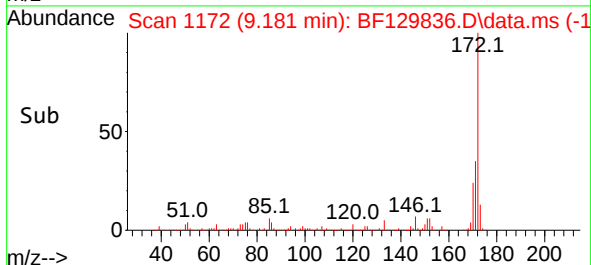
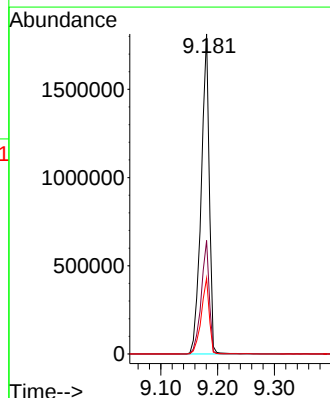
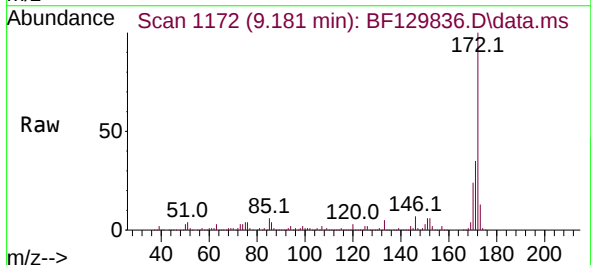
Tgt Ion:172 Resp: 1802634

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.7 19.1 28.7

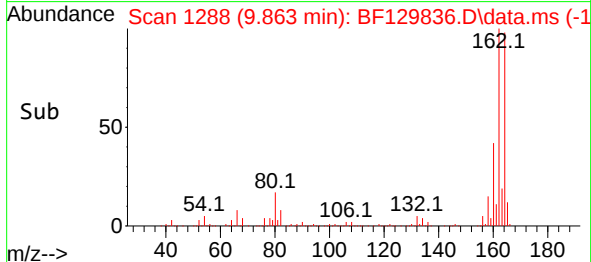
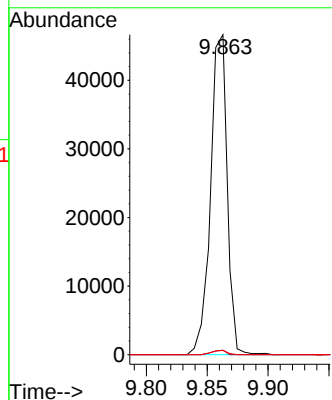
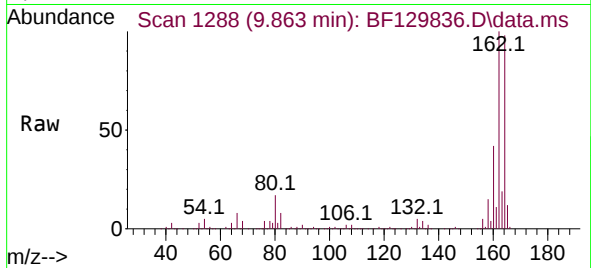




#51
2,6-Dinitrotoluene
Concen: 8.220 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

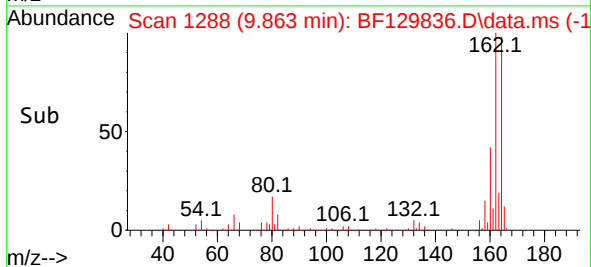
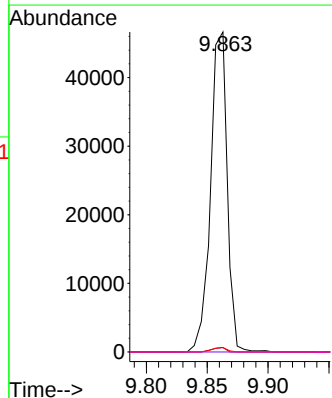
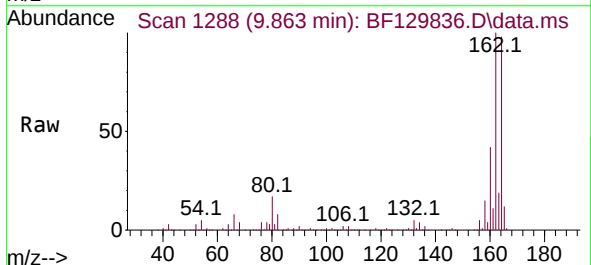
Instrument :
BNA_F
ClientSampleId :
PB146911TB

Tgt Ion:165 Resp: 44572
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 1.4 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.332 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.206 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

Tgt Ion:165 Resp: 44572
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.4 62.3 93.5#
182 0.0 2.1 3.1#

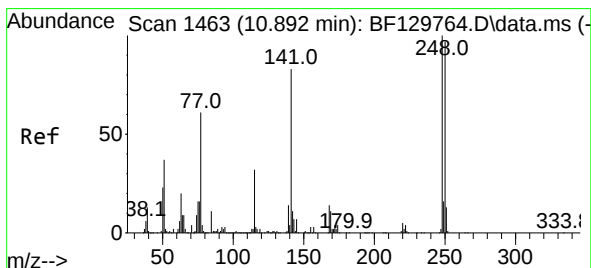
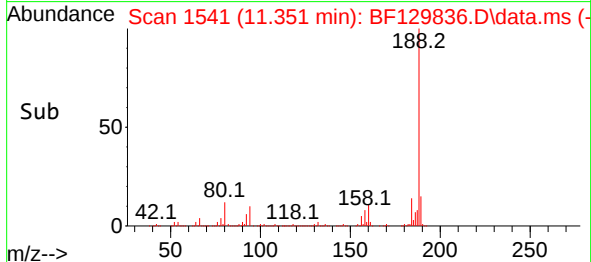
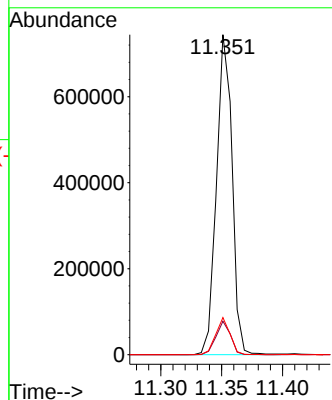
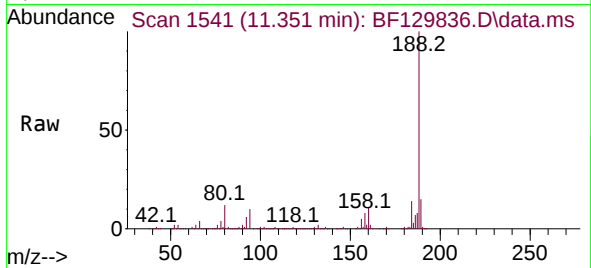




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

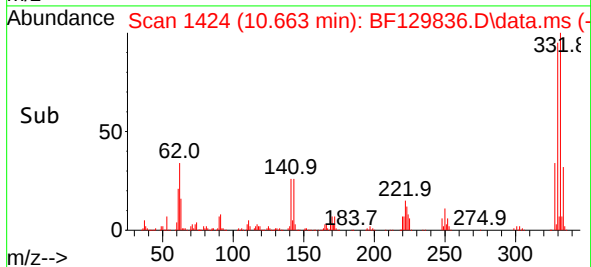
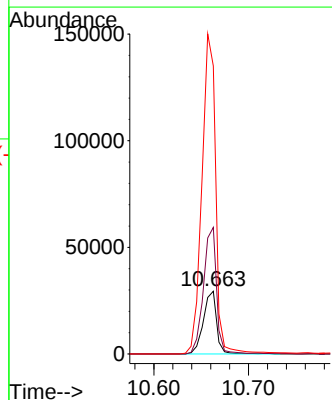
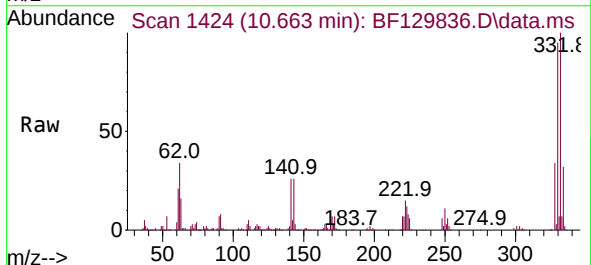
Instrument :
BNA_F
ClientSampleId :
PB146911TB

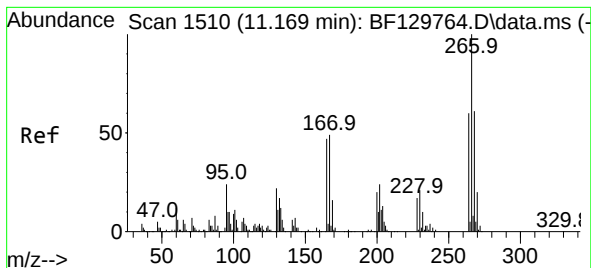
Tgt Ion:188 Resp: 662417
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.699 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.229 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

Tgt Ion:248 Resp: 28696
Ion Ratio Lower Upper
248 100
250 201.5 77.8 116.6#
141 458.6 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.265 ng

RT: 11.192 min Scan# 1514

Delta R.T. 0.023 min

Lab File: BF129836.D

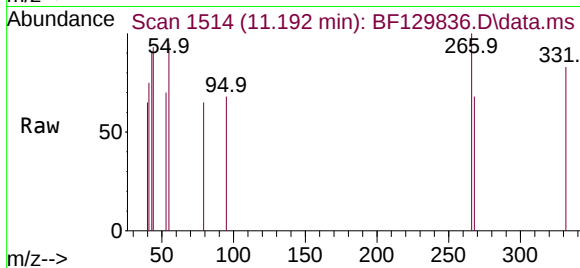
Acq: 17 Aug 2022 10:13

Instrument :

BNA_F

ClientSampleId :

PB146911TB



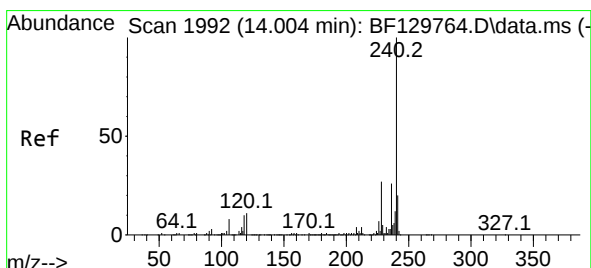
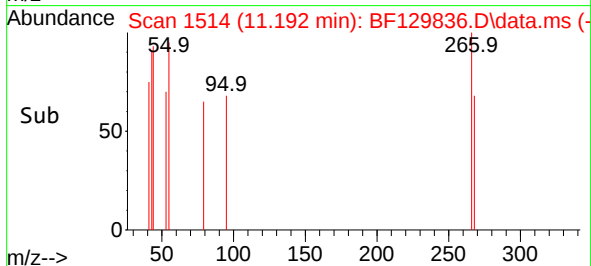
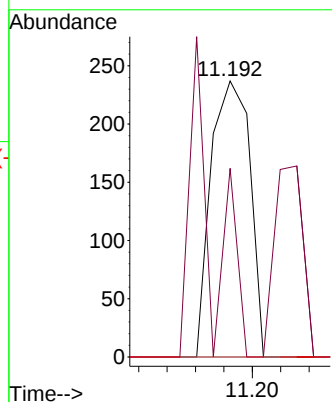
Tgt Ion:266 Resp: 225

Ion Ratio Lower Upper

266 100

268 68.4 49.0 73.4

264 0.0 47.9 71.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BF129836.D

Acq: 17 Aug 2022 10:13

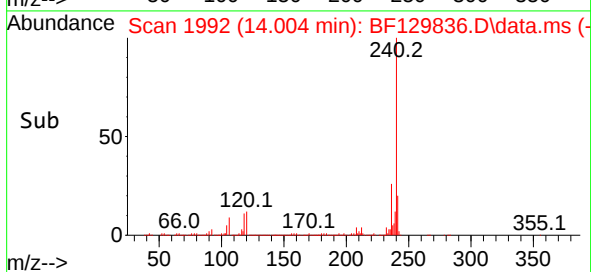
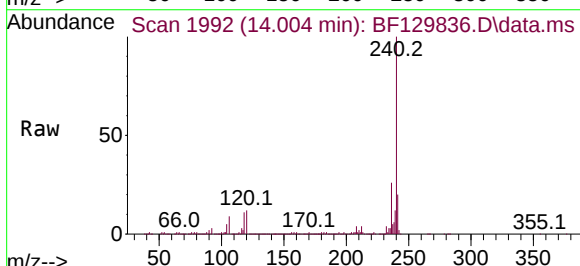
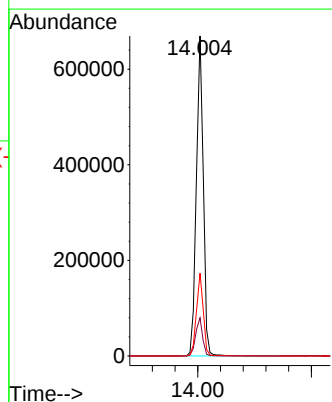
Tgt Ion:240 Resp: 574128

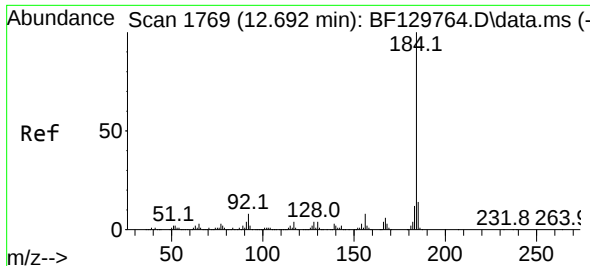
Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 25.9 20.7 31.1

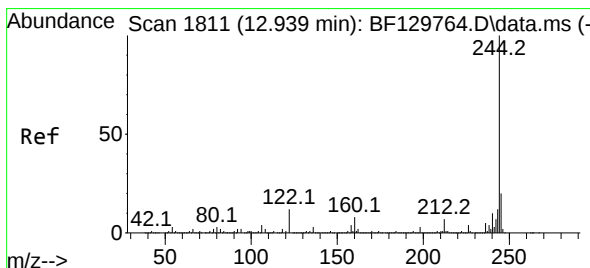
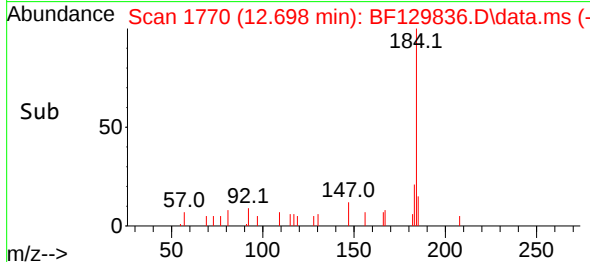
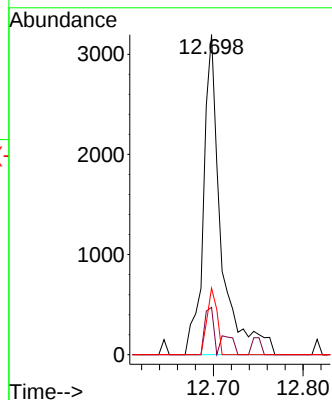
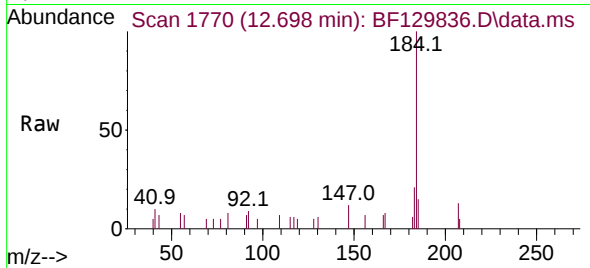




#77
Benzidine
Concen: Below Cal
RT: 12.698 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

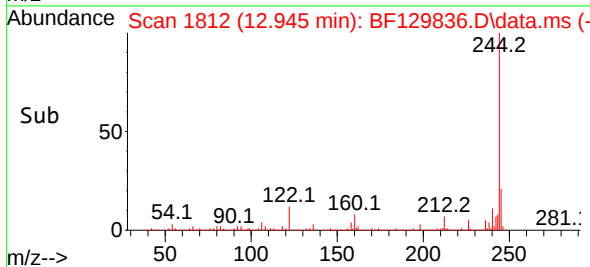
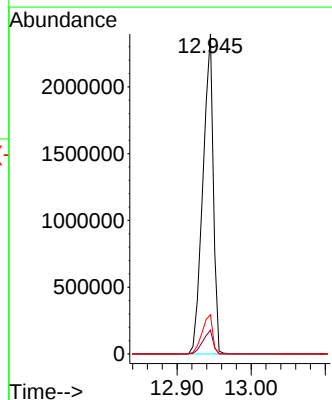
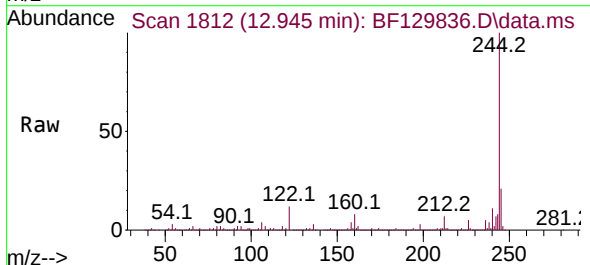
Instrument :
BNA_F
ClientSampleId :
PB146911TB

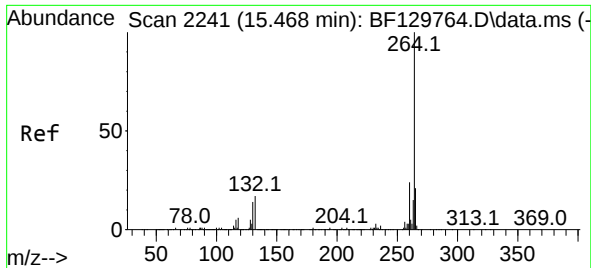
Tgt Ion:184 Resp: 4340
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.2
183 20.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 67.880 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF129836.D
Acq: 17 Aug 2022 10:13

Tgt Ion:244 Resp: 2342143
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 12.2 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129836.D

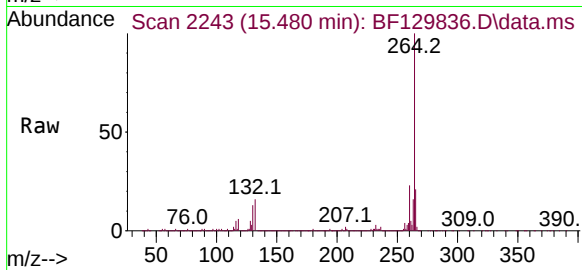
Acq: 17 Aug 2022 10:13

Instrument :

BNA_F

ClientSampleId :

PB146911TB



Tgt Ion:264 Resp: 476196

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.1 16.7 25.1

