

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129077.D
 Acq On : 01 Jul 2022 00:31
 Operator : CG\JU
 Sample : N3434-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2205-30

Quant Time: Jul 01 05:45:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	394832	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	1269017	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	844323	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1509508	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1010502	20.000	ng	-0.01
86) Perylene-d12	15.662	264	805049	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1583090	67.786	ng	0.01
7) Phenol-d6	6.592	99	3051755	105.215	ng	0.00
23) Nitrobenzene-d5	7.534	82	2286415	107.466	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1029818	112.171	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4167341	78.961	ng	0.00
79) Terphenyl-d14	13.086	244	4529000	93.073	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.510	42	31935	2.772	ng	# 1
9) Benzaldehyde	6.510	77	1803536	Below Cal		# 1
15) Benzyl Alcohol	7.028	79	722323	35.404	ng	# 10
17) 2-Methylphenol	7.239	107	73766	3.695	ng	# 1
18) Hexachloroethane	7.457	117	309894	32.400	ng	# 1
19) n-Nitroso-di-n-propyla...	7.392	70	174258	10.386	ng	# 49
22) Acetophenone	7.357	105	3183125	109.343	ng	# 56
24) Nitrobenzene	7.539	77	146276	7.106	ng	# 13
25) Isophorone	7.857	82	111447	3.099	ng	# 62
29) 2,4-Dichlorophenol	8.098	162	308230	17.496	ng	# 27
31) Naphthalene	8.275	128	7556009	131.158	ng	# 88
33) 4-Chloroaniline	8.281	127	1420636	61.198	ng	# 34
37) 2-Methylnaphthalene	8.969	142	6811607	175.713	ng	97
38) 1-Methylnaphthalene	9.063	142	3840380	102.013	ng	100
46) 1,1'-Biphenyl	9.416	154	179145	2.951	ng	99
54) 2,4-Dinitrophenol	10.063	184	473	6.940	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	62806	3.911	ng	# 1
77) Benzidine	13.080	184	68133	3.787	ng	# 92

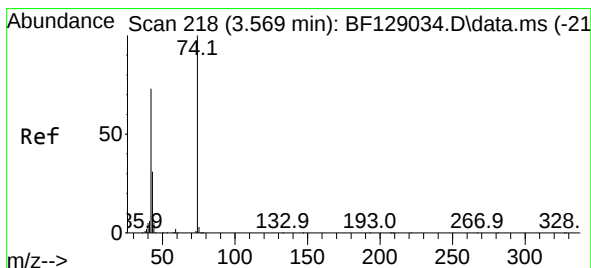
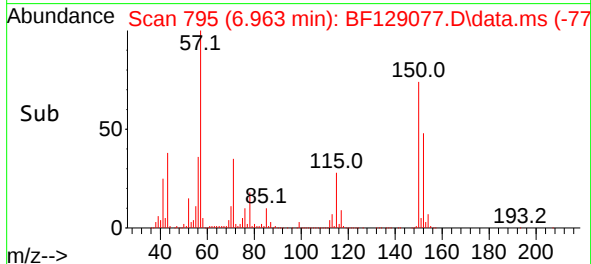
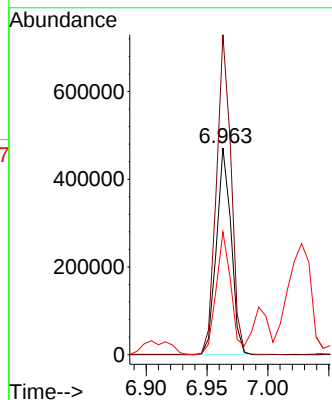
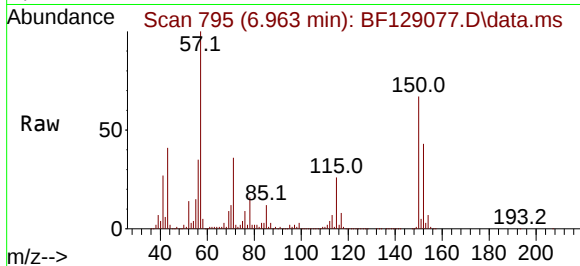
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

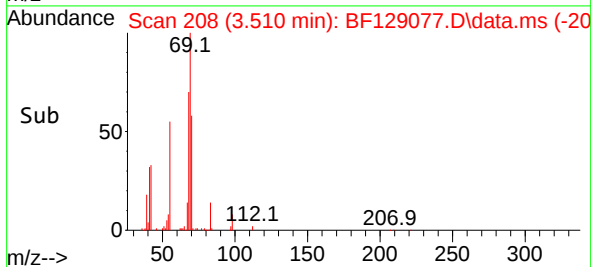
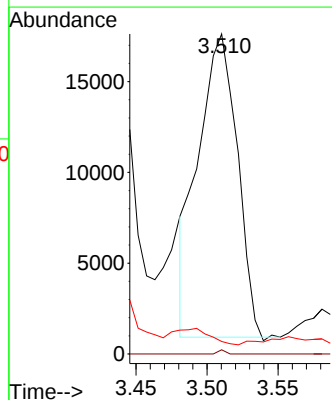
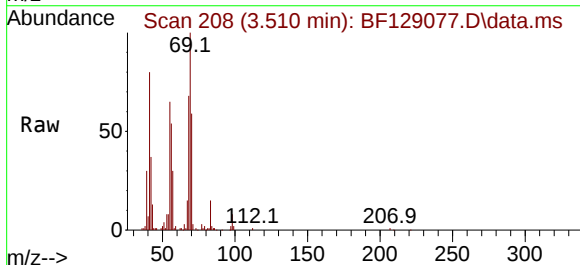
Instrument :
BNA_F
ClientSampleId :
B2205-30

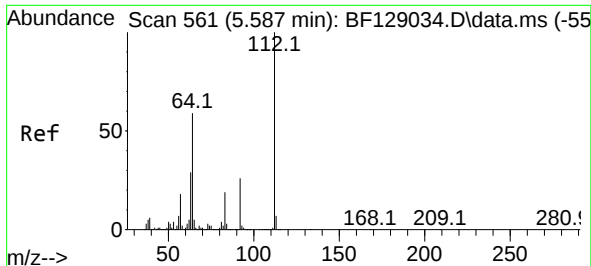
Tgt Ion:152 Resp: 394832
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 59.5 49.9 74.9



#4
n-Nitrosodimethylamine
Concen: 2.772 ng
RT: 3.510 min Scan# 208
Delta R.T. -0.059 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion: 42 Resp: 31935
Ion Ratio Lower Upper
42 100
74 1.3 94.8 142.2#
44 3.9 6.6 10.0#

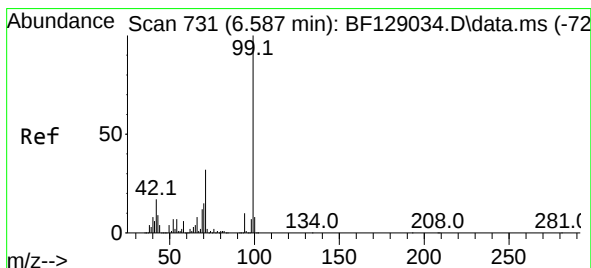
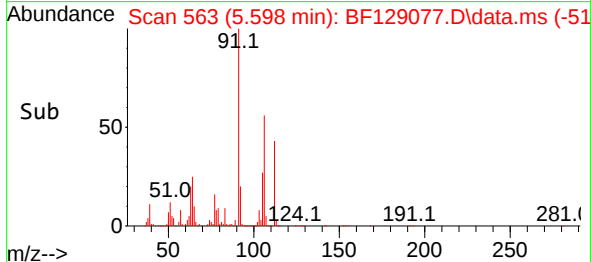
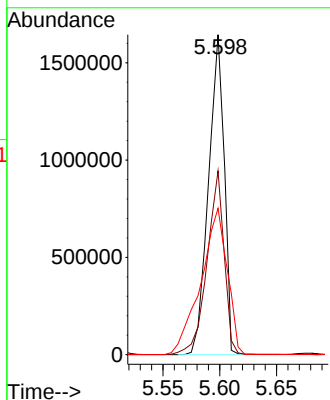
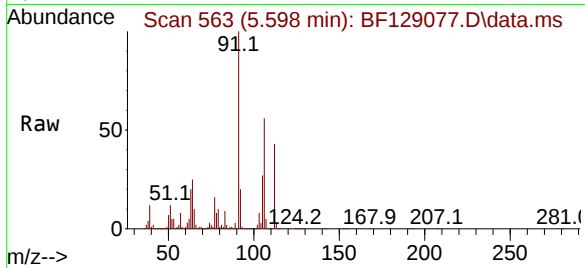




#5
2-Fluorophenol
Concen: 67.786 ng
RT: 5.598 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

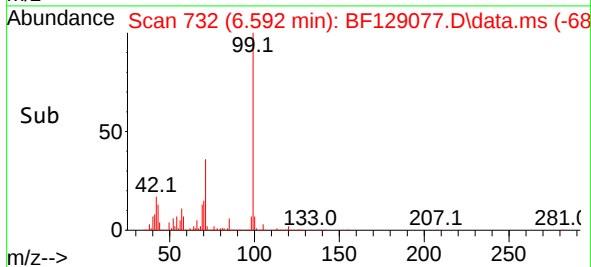
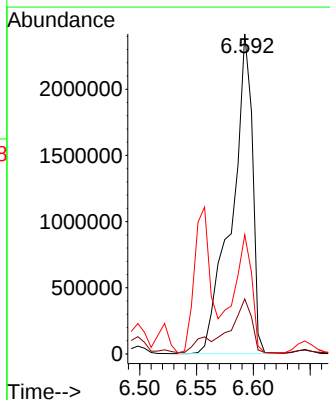
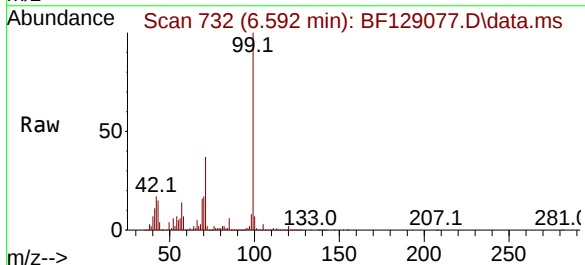
Instrument :
BNA_F
ClientSampleId :
B2205-30

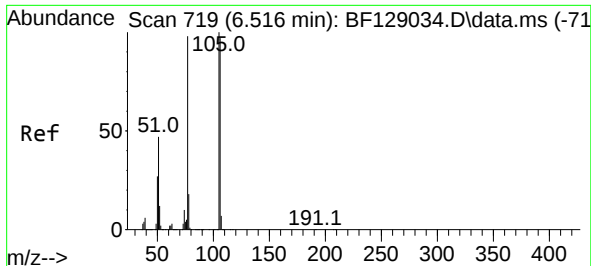
Tgt Ion:112 Resp: 1583090
Ion Ratio Lower Upper
112 100
64 57.5 53.3 79.9
63 45.8 28.0 42.0#



#7
Phenol-d6
Concen: 105.215 ng
RT: 6.592 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion: 99 Resp: 3051755
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 37.2 28.9 43.3

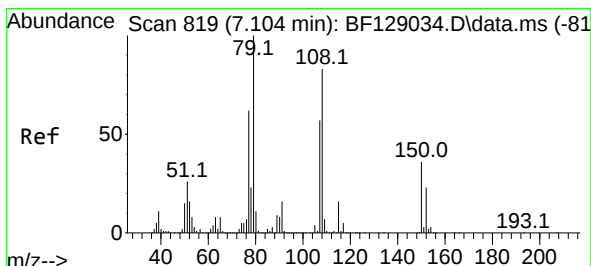
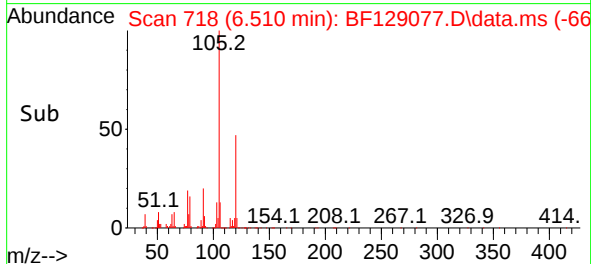
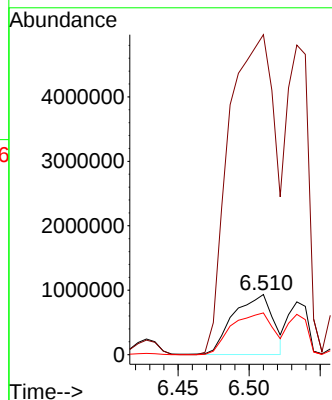
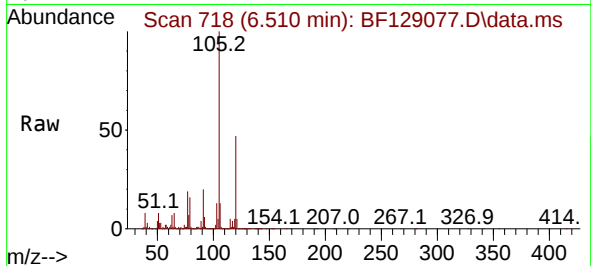




#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

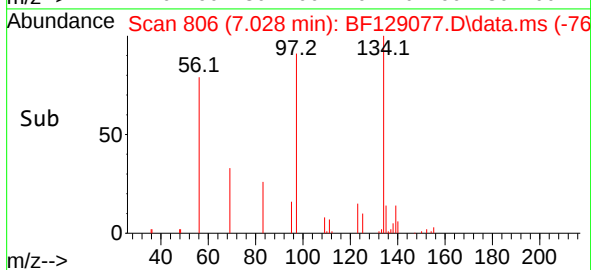
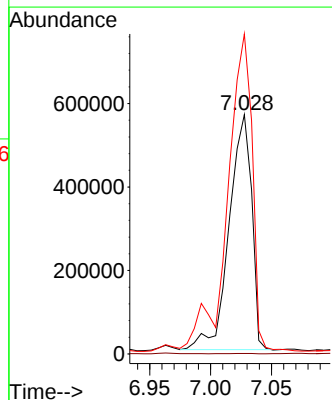
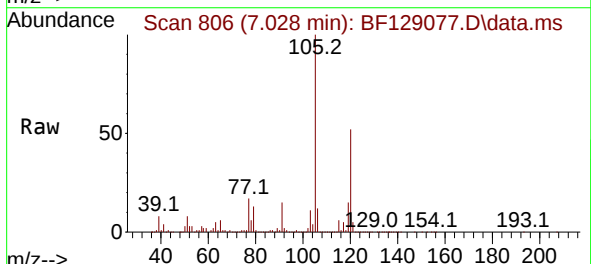
Instrument :
BNA_F
ClientSampleId :
B2205-30

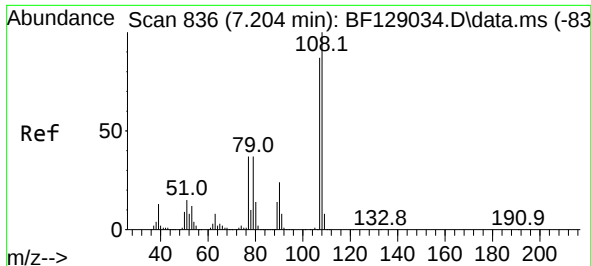
Tgt Ion: 77 Resp: 1803536
Ion Ratio Lower Upper
77 100
105 532.2 81.6 121.6#
106 69.5 76.1 116.1#



#15
Benzyl Alcohol
Concen: 35.404 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.077 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

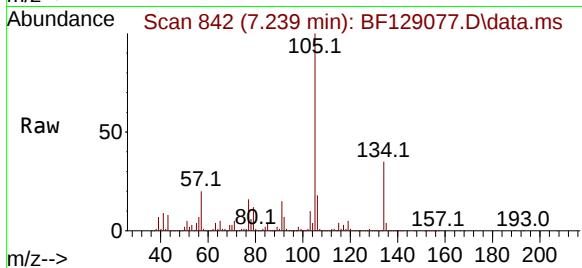
Tgt Ion: 79 Resp: 722323
Ion Ratio Lower Upper
79 100
108 0.2 61.8 92.6#
77 133.7 50.2 75.4#



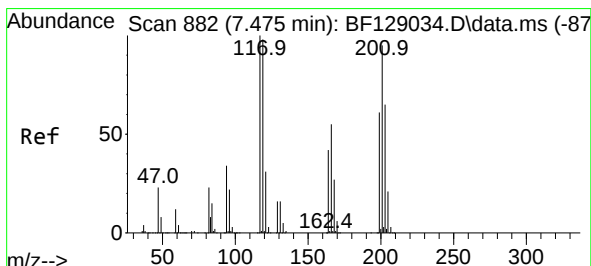
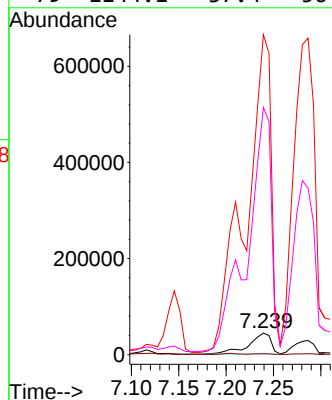
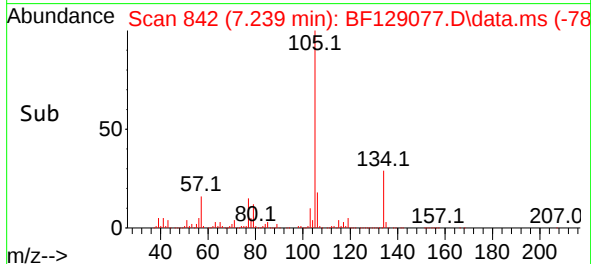


#17
2-Methylphenol
Concen: 3.695 ng
RT: 7.239 min Scan# 841
Delta R.T. 0.035 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Instrument :
BNA_F
ClientSampleId :
B2205-30

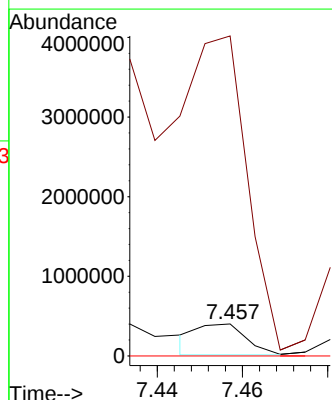
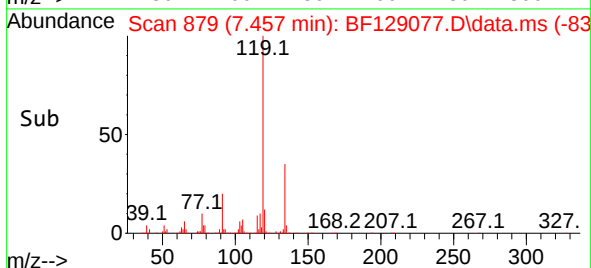
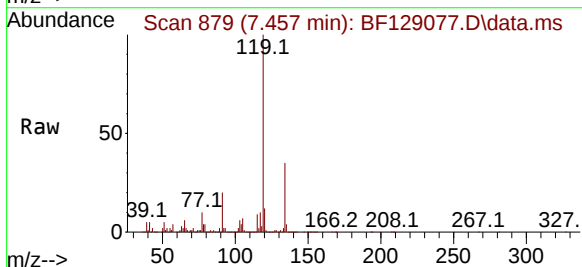


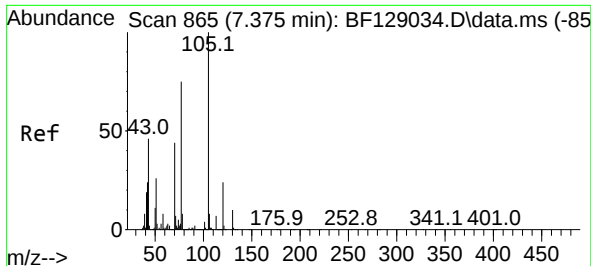
Tgt Ion:107 Resp: 73766
Ion Ratio Lower Upper
107 100
108 4.7 91.9 137.9#
77 1481.1 37.8 56.8#
79 1144.1 37.4 56.0#



#18
Hexachloroethane
Concen: 32.400 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.018 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion:117 Resp: 309894
Ion Ratio Lower Upper
117 100
119 1001.3 77.4 116.2#
201 0.0 84.6 127.0#

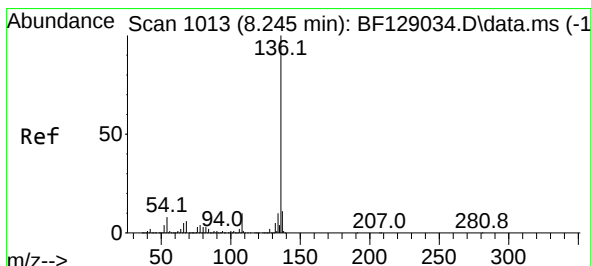
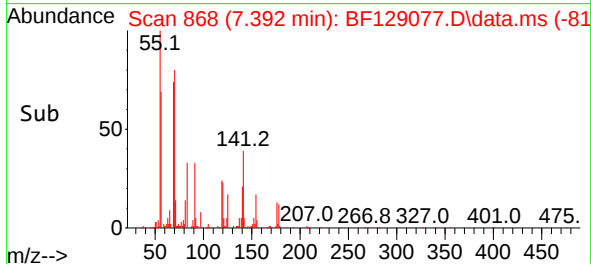
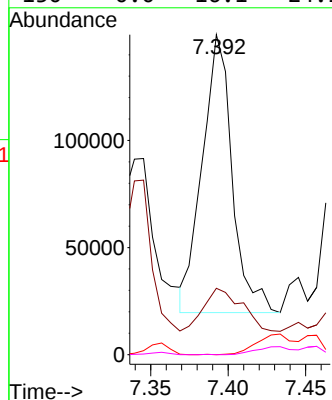
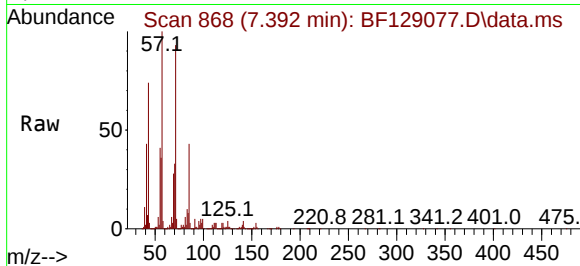




#19
n-Nitroso-di-n-propylamine
Concen: 10.386 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.018 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

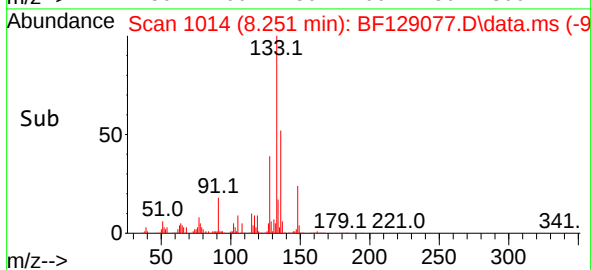
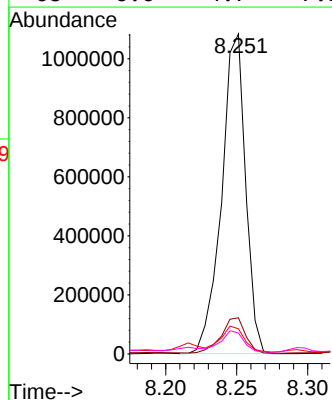
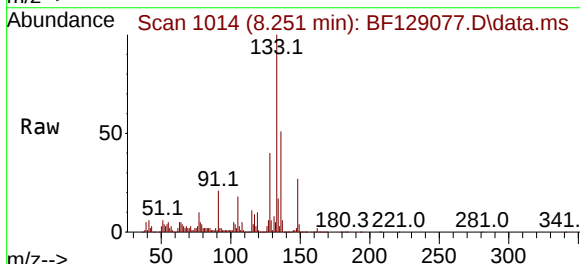
Instrument :
BNA_F
ClientSampleId :
B2205-30

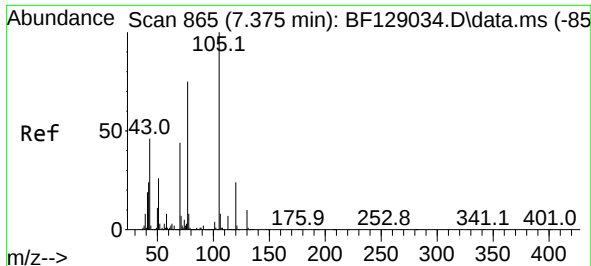
Tgt Ion: 70 Resp: 174258
Ion Ratio Lower Upper
70 100
42 20.7 52.3 78.5#
101 0.0 7.5 11.3#
130 0.0 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion:136 Resp: 1269017
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 7.5 11.3
68 6.6 4.7 7.1

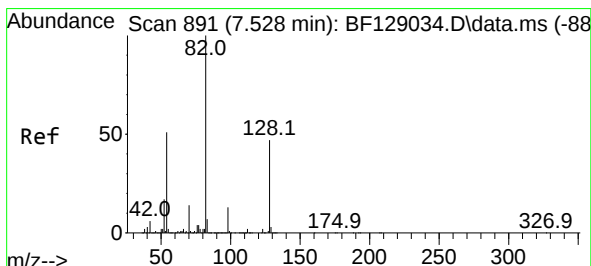
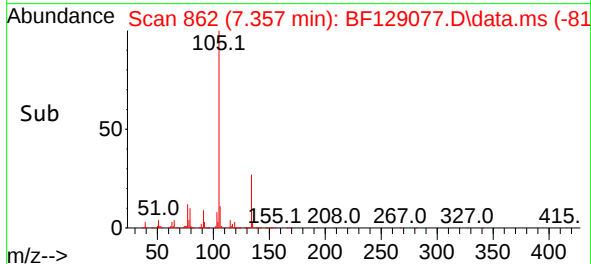
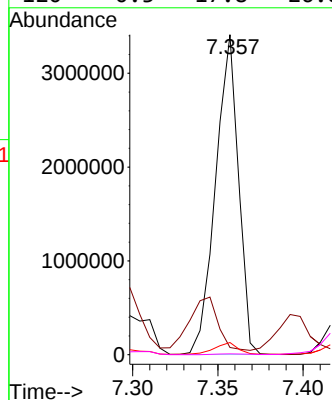
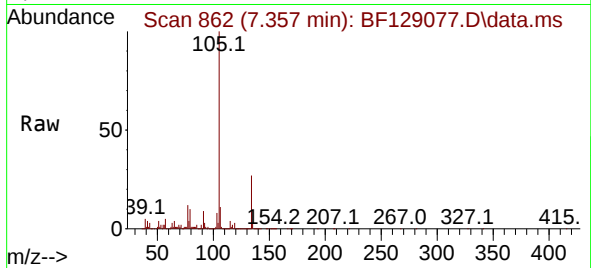




#22
Acetophenone
Concen: 109.343 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

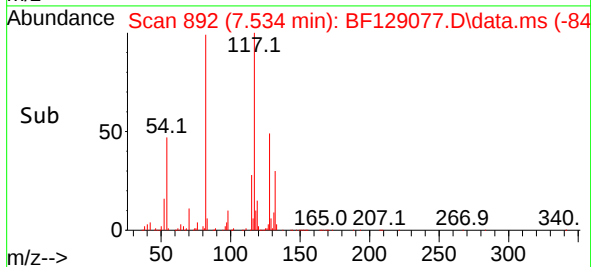
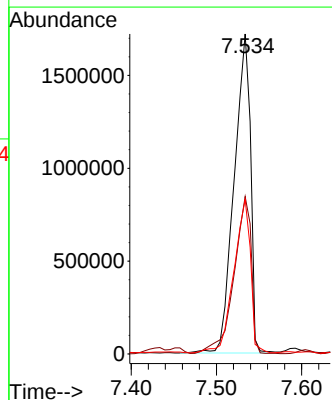
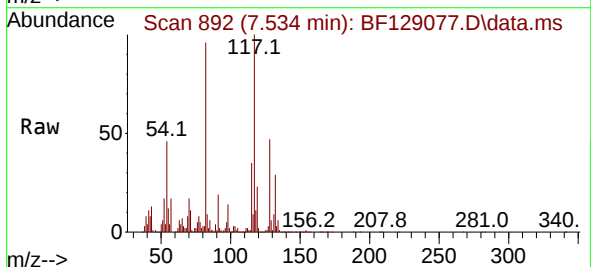
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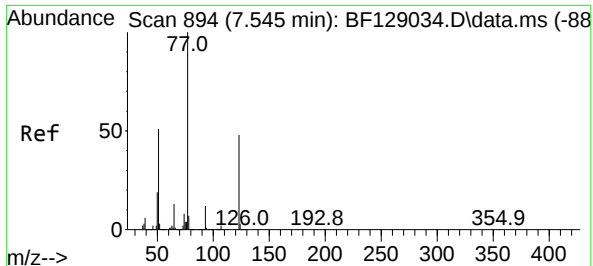
Tgt Ion:105 Resp: 3183125
Ion Ratio Lower Upper
105 100
71 2.3 5.0 7.4#
51 3.8 25.0 37.4#
120 0.3 17.8 26.8#



#23
Nitrobenzene-d5
Concen: 107.466 ng
RT: 7.534 min Scan# 892
Delta R.T. 0.006 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion: 82 Resp: 2286415
Ion Ratio Lower Upper
82 100
128 49.2 34.0 51.0
54 48.3 46.9 70.3

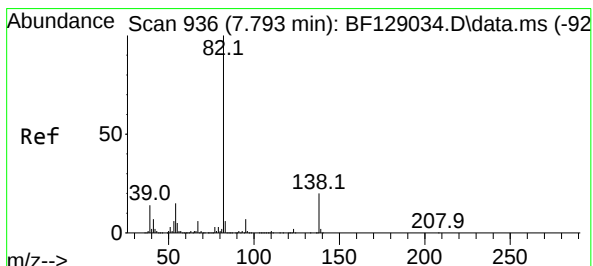
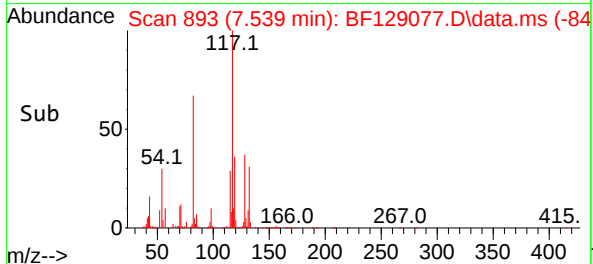
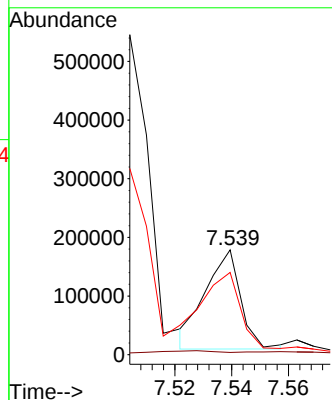
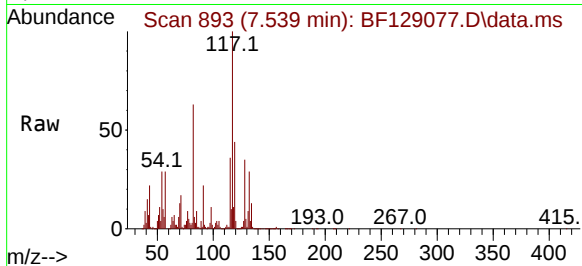




#24
 Nitrobenzene
 Concen: 7.106 ng
 RT: 7.539 min Scan# 894
 Delta R.T. -0.006 min
 Lab File: BF129077.D
 Acq: 01 Jul 2022 00:31

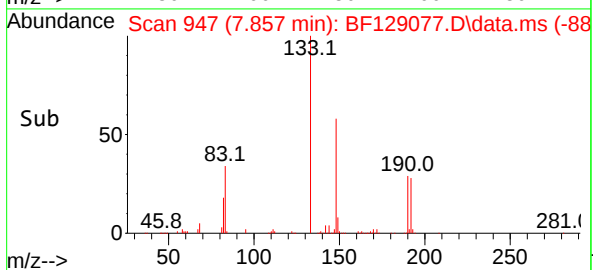
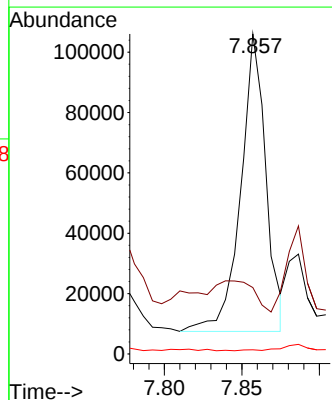
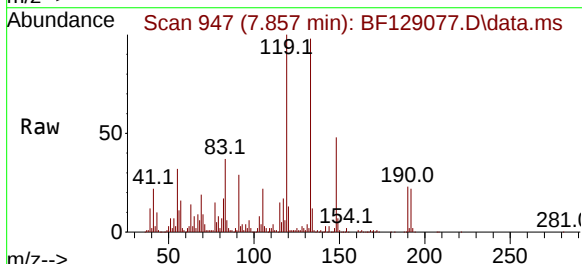
Instrument :
 BNA_F
 ClientSampleId :
 B2205-30

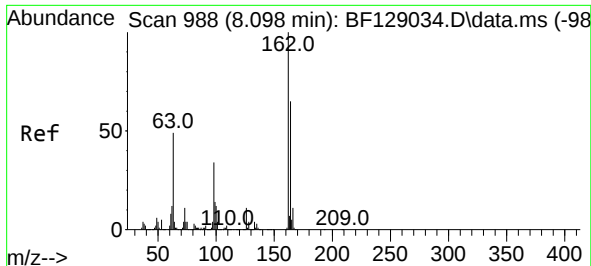
Tgt Ion: 77 Resp: 146276
 Ion Ratio Lower Upper
 77 100
 123 2.2 35.4 53.2#
 65 78.5 11.8 17.8#



#25
 Isophorone
 Concen: 3.099 ng
 RT: 7.857 min Scan# 947
 Delta R.T. 0.065 min
 Lab File: BF129077.D
 Acq: 01 Jul 2022 00:31

Tgt Ion: 82 Resp: 111447
 Ion Ratio Lower Upper
 82 100
 95 20.8 5.7 8.5#
 138 1.3 14.2 21.2#





#29

2,4-Dichlorophenol

Concen: 17.496 ng

RT: 8.098 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

Instrument :

BNA_F

ClientSampleId :

B2205-30

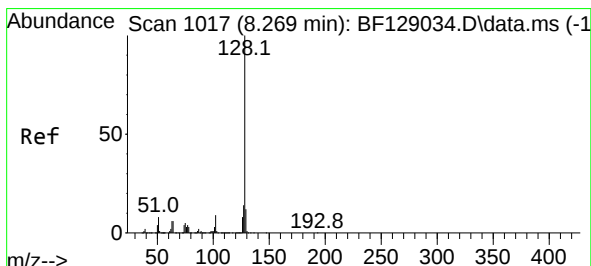
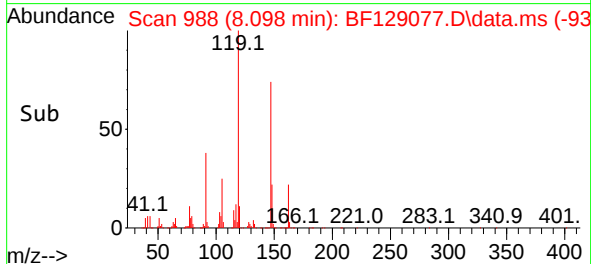
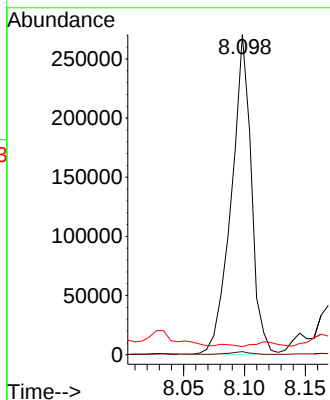
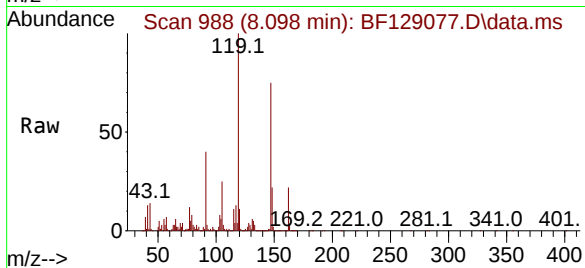
Tgt Ion:162 Resp: 308230

Ion Ratio Lower Upper

162 100

164 1.0 44.2 84.2#

98 2.5 19.6 59.6#



#31

Naphthalene

Concen: 131.158 ng

RT: 8.275 min Scan# 1018

Delta R.T. 0.006 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

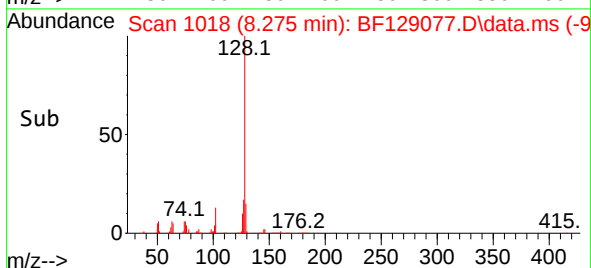
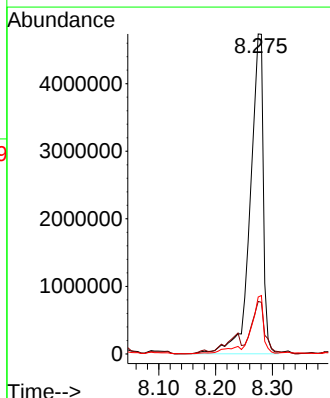
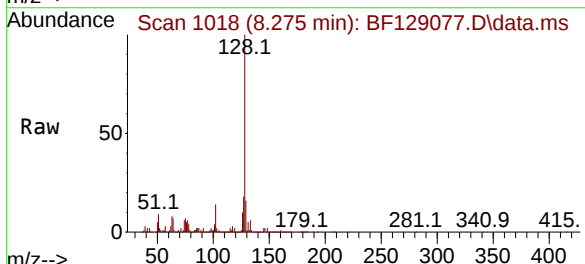
Tgt Ion:128 Resp: 7556009

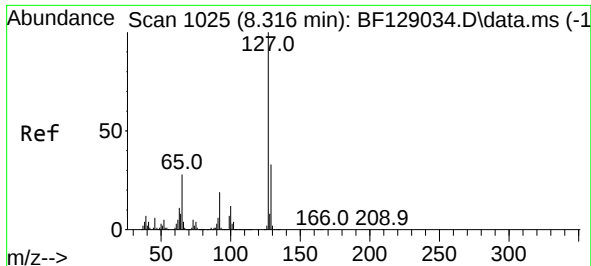
Ion Ratio Lower Upper

128 100

129 16.4 9.2 13.8#

127 17.8 10.5 15.7#

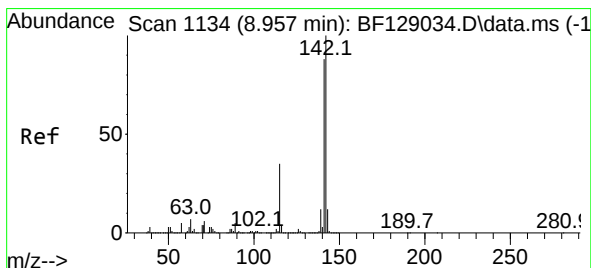
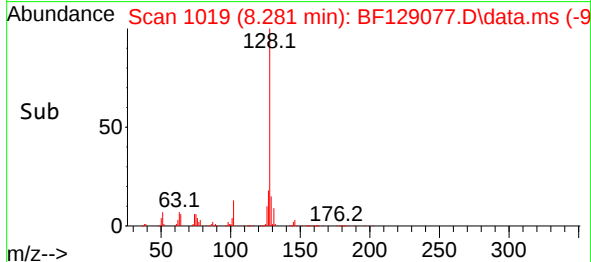
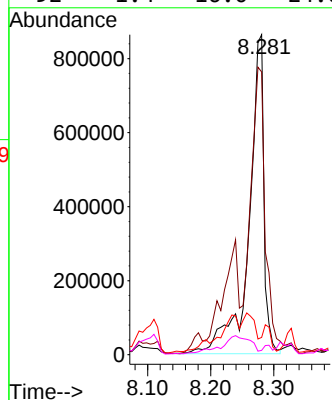
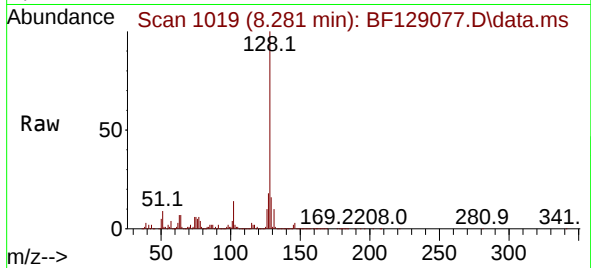




#33
4-Chloroaniline
Concen: 61.198 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.035 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

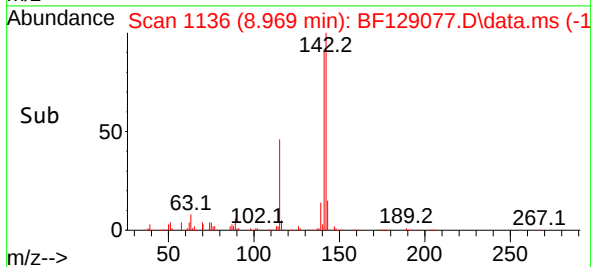
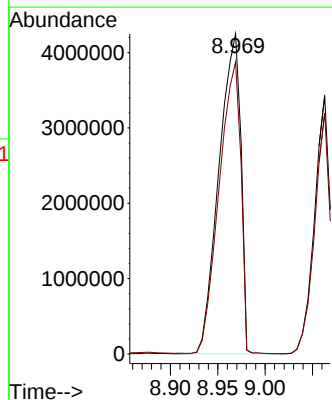
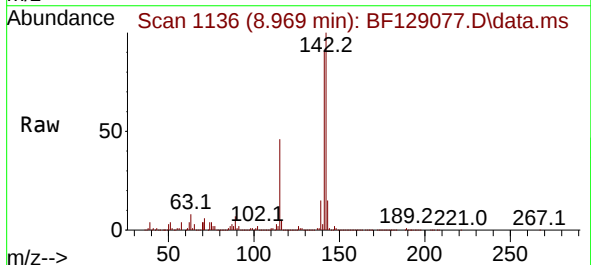
Instrument :
BNA_F
ClientSampleId :
B2205-30

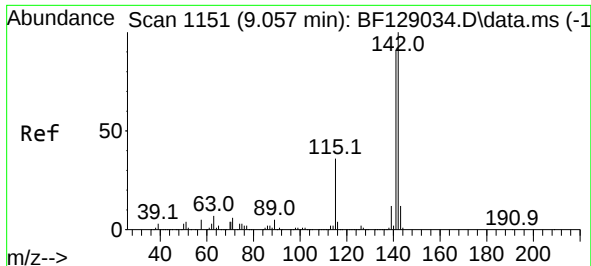
Tgt Ion:127 Resp: 1420636
Ion Ratio Lower Upper
127 100
129 88.3 26.4 39.6#
65 5.4 26.4 39.6#
92 1.4 16.0 24.0#



#37
2-Methylnaphthalene
Concen: 175.713 ng
RT: 8.969 min Scan# 1136
Delta R.T. 0.012 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion:142 Resp: 6811607
Ion Ratio Lower Upper
142 100
141 91.3 71.0 106.4





#38

1-Methylnaphthalene

Concen: 102.013 ng

RT: 9.063 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

Instrument :

BNA_F

ClientSampleId :

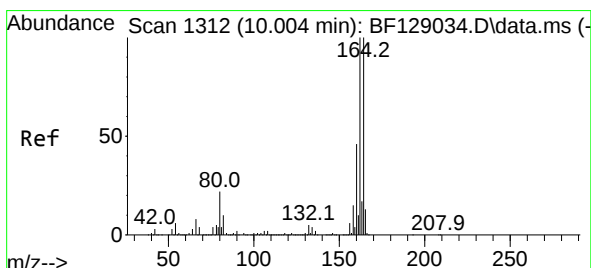
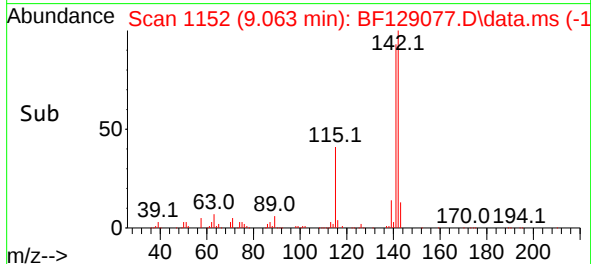
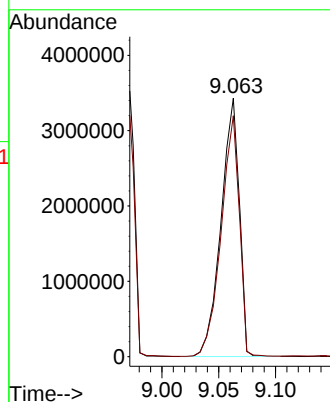
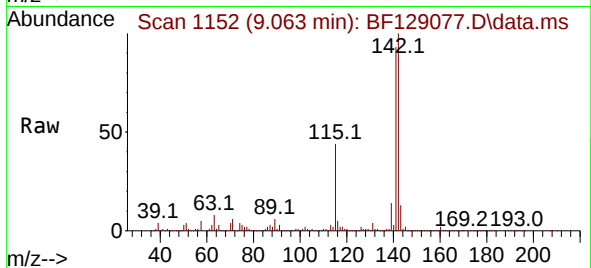
B2205-30

Tgt Ion:142 Resp: 3840380

Ion Ratio Lower Upper

142 100

141 93.3 74.2 111.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

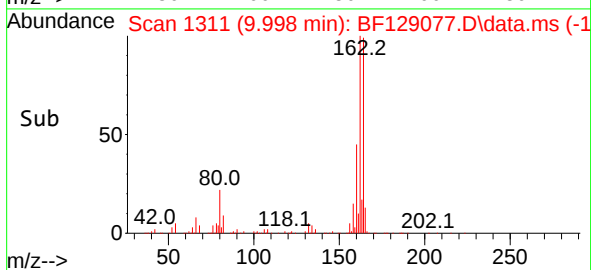
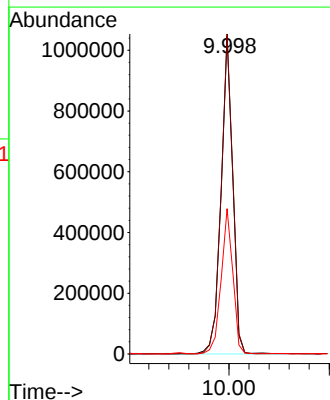
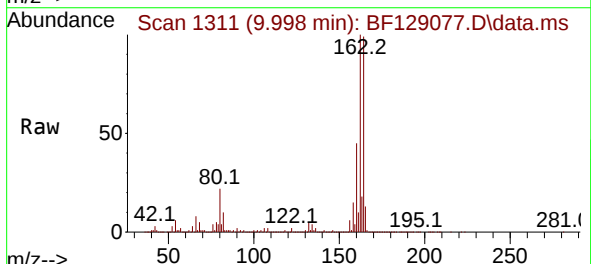
Tgt Ion:164 Resp: 844323

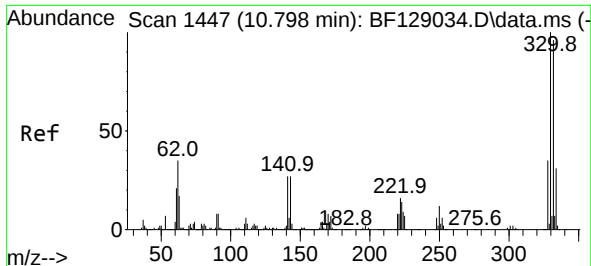
Ion Ratio Lower Upper

164 100

162 100.7 79.5 119.3

160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 112.171 ng

RT: 10.792 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

Instrument :

BNA_F

ClientSampleId :

B2205-30

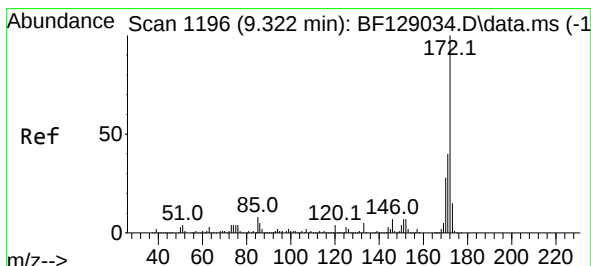
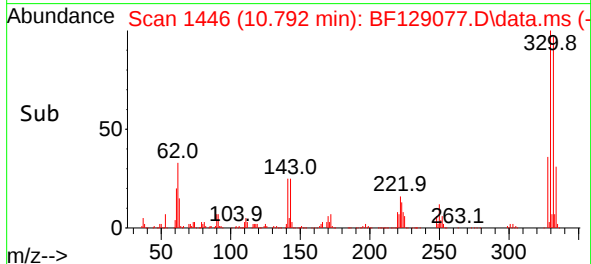
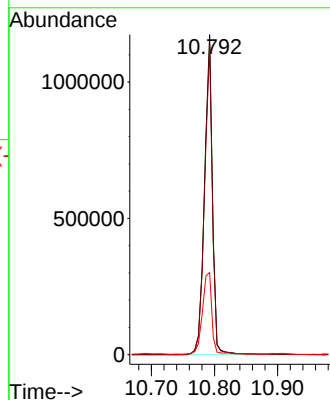
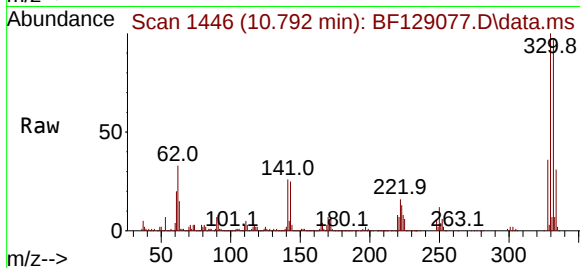
Tgt Ion:330 Resp: 1029818

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 30.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.961 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129077.D

Acq: 01 Jul 2022 00:31

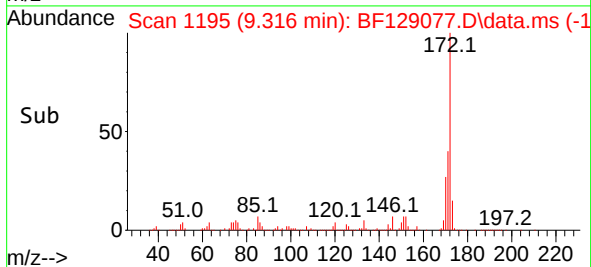
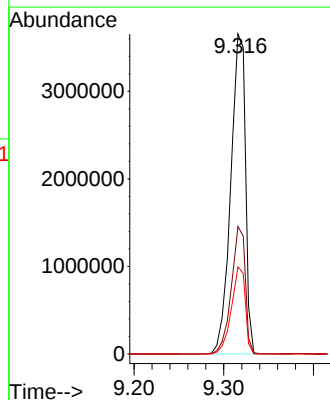
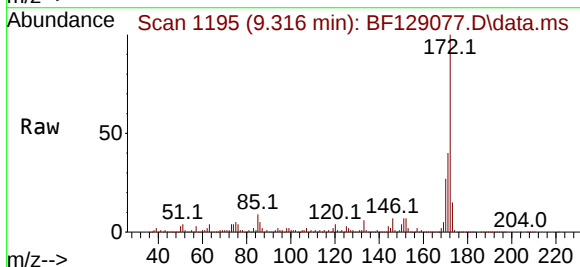
Tgt Ion:172 Resp: 4167341

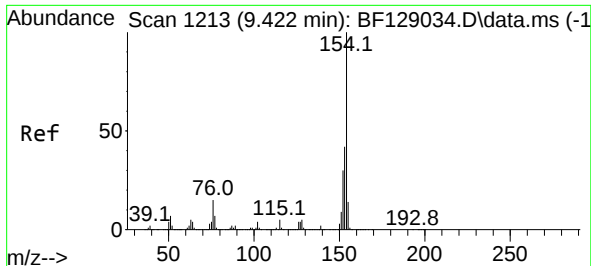
Ion Ratio Lower Upper

172 100

171 39.8 28.8 43.2

170 27.2 19.8 29.8

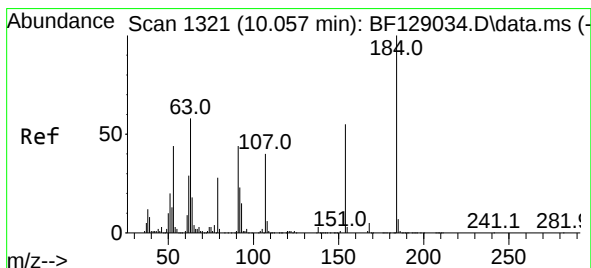
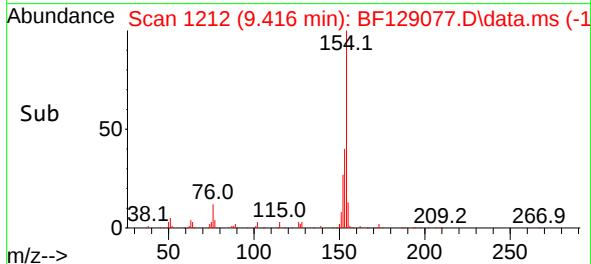
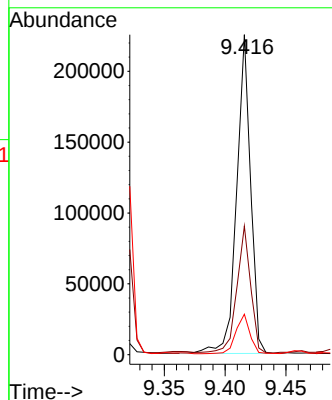
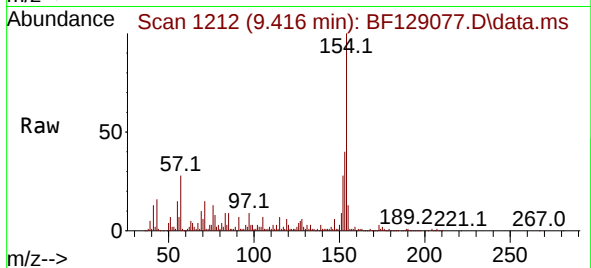




#46
1,1'-Biphenyl
Concen: 2.951 ng
RT: 9.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

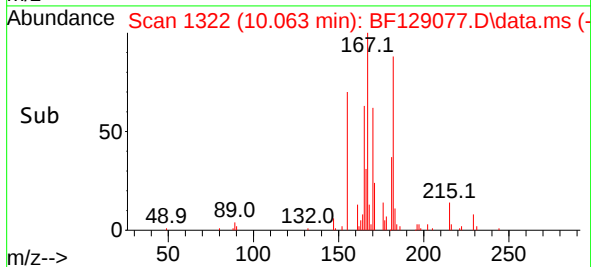
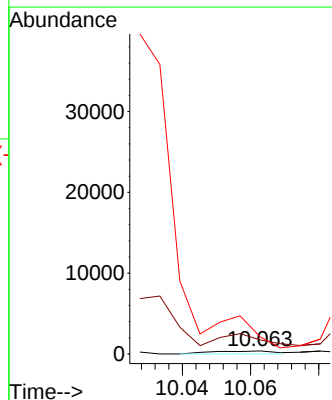
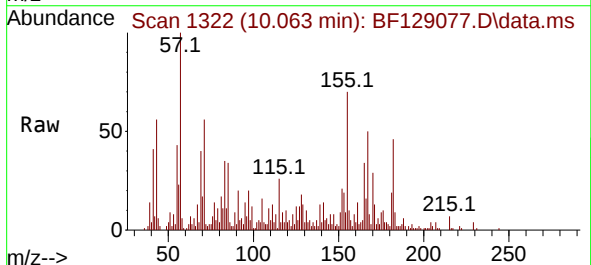
Instrument :
BNA_F
ClientSampleId :
B2205-30

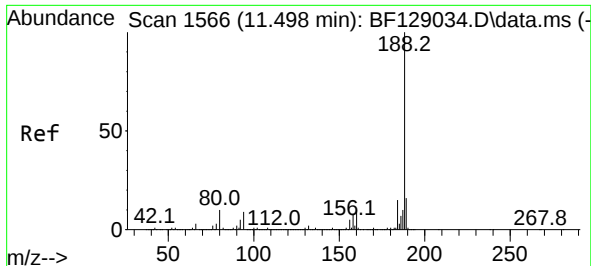
Tgt Ion:154 Resp: 179145
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 12.6 0.0 33.3



#54
2,4-Dinitrophenol
Concen: 6.940 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion:184 Resp: 473
Ion Ratio Lower Upper
184 100
63 459.1 64.5 96.7#
154 558.0 50.6 75.8#

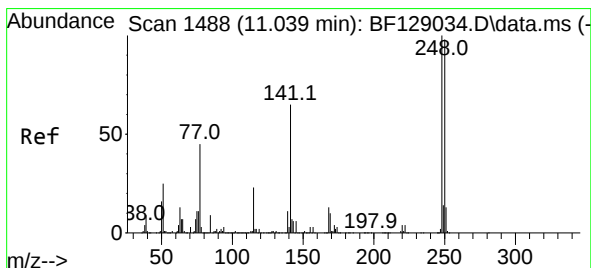
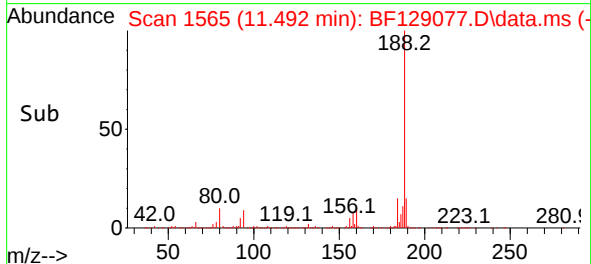
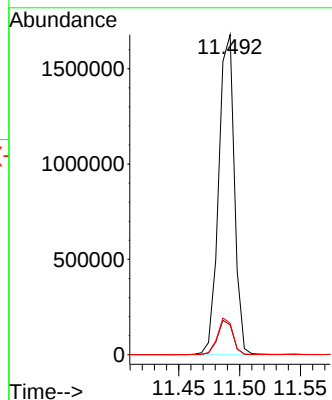
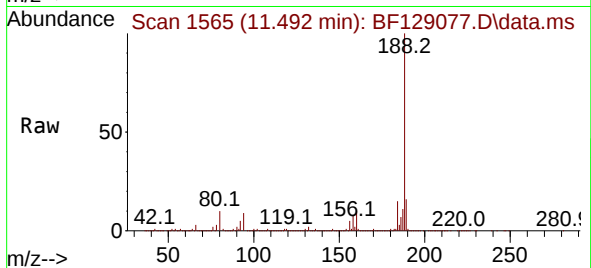




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

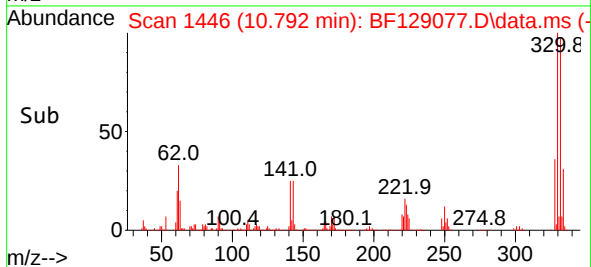
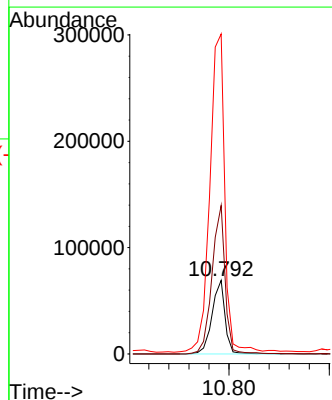
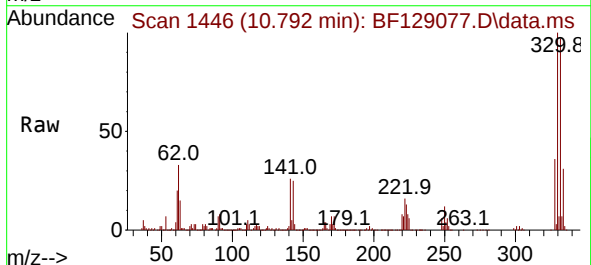
Instrument :
BNA_F
ClientSampleId :
B2205-30

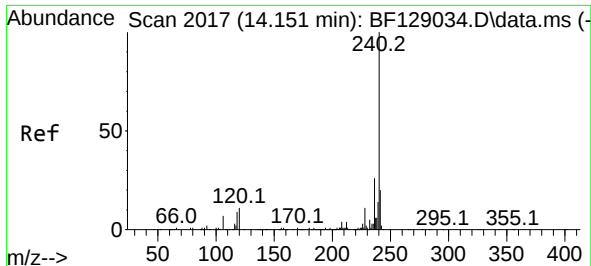
Tgt Ion:188 Resp: 1509508
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.911 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion:248 Resp: 62806
Ion Ratio Lower Upper
248 100
250 201.8 80.6 120.8#
141 434.7 58.9 88.3#

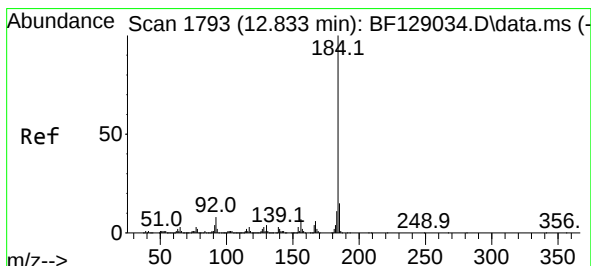
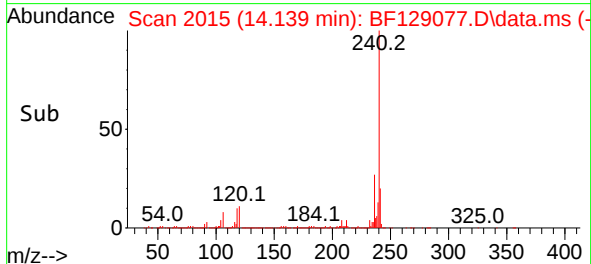
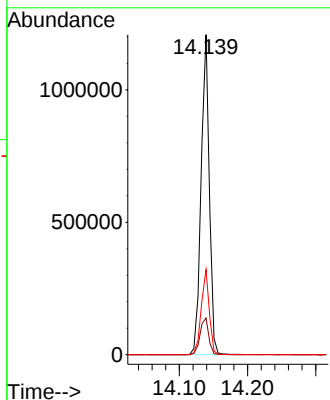
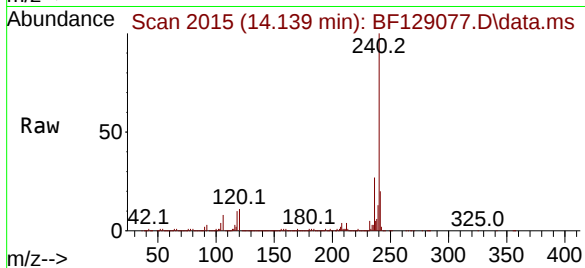




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

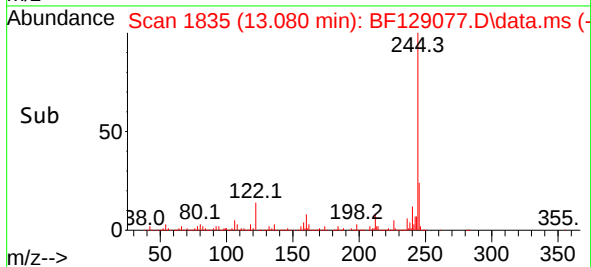
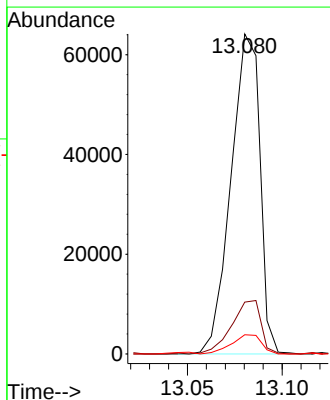
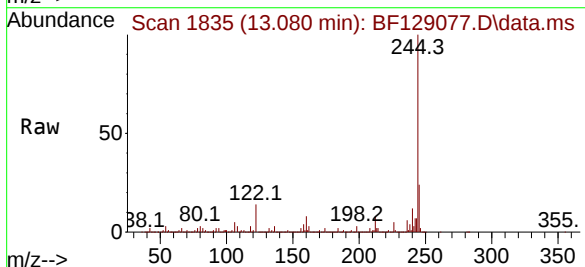
Instrument :
BNA_F
ClientSampleId :
B2205-30

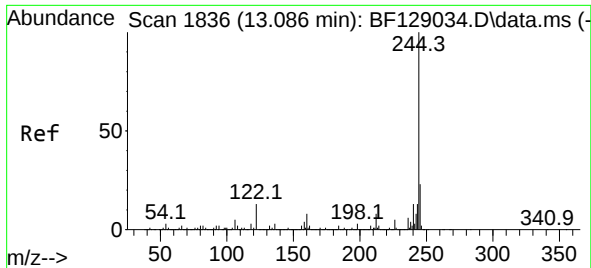
Tgt Ion:240 Resp: 1010502
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.6 20.8 31.2



#77
Benzidine
Concen: 3.787 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129077.D
Acq: 01 Jul 2022 00:31

Tgt Ion:184 Resp: 68133
Ion Ratio Lower Upper
184 100
185 16.2 11.9 17.9
183 6.0 9.3 13.9#

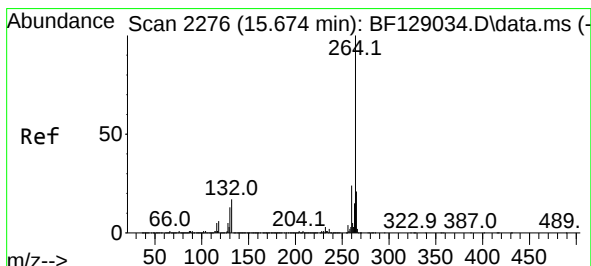
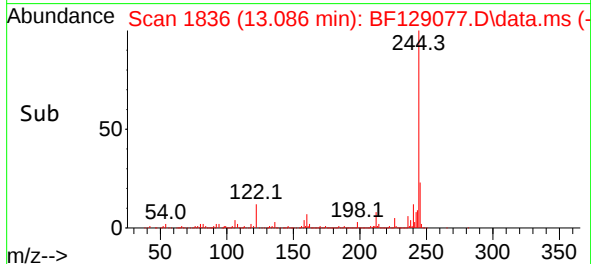
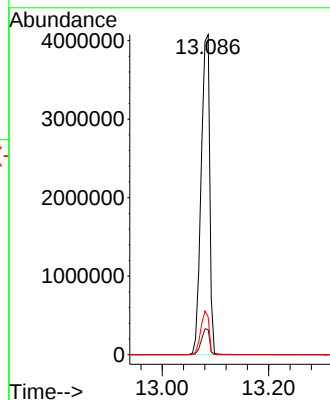
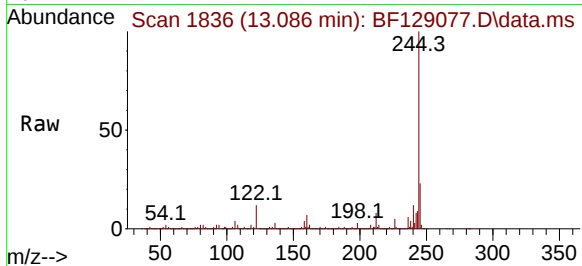




#79
 Terphenyl-d14
 Concen: 93.073 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129077.D
 Acq: 01 Jul 2022 00:31

Instrument :
 BNA_F
 ClientSampleId :
 B2205-30

Tgt Ion:244 Resp: 4529000
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 11.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129077.D
 Acq: 01 Jul 2022 00:31

Tgt Ion:264 Resp: 805049
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.7 17.2 25.8

