

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129802.D
 Acq On : 16 Aug 2022 09:51
 Operator : CG\JU
 Sample : PB146771BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146771BL

Quant Time: Aug 17 02:51:48 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)

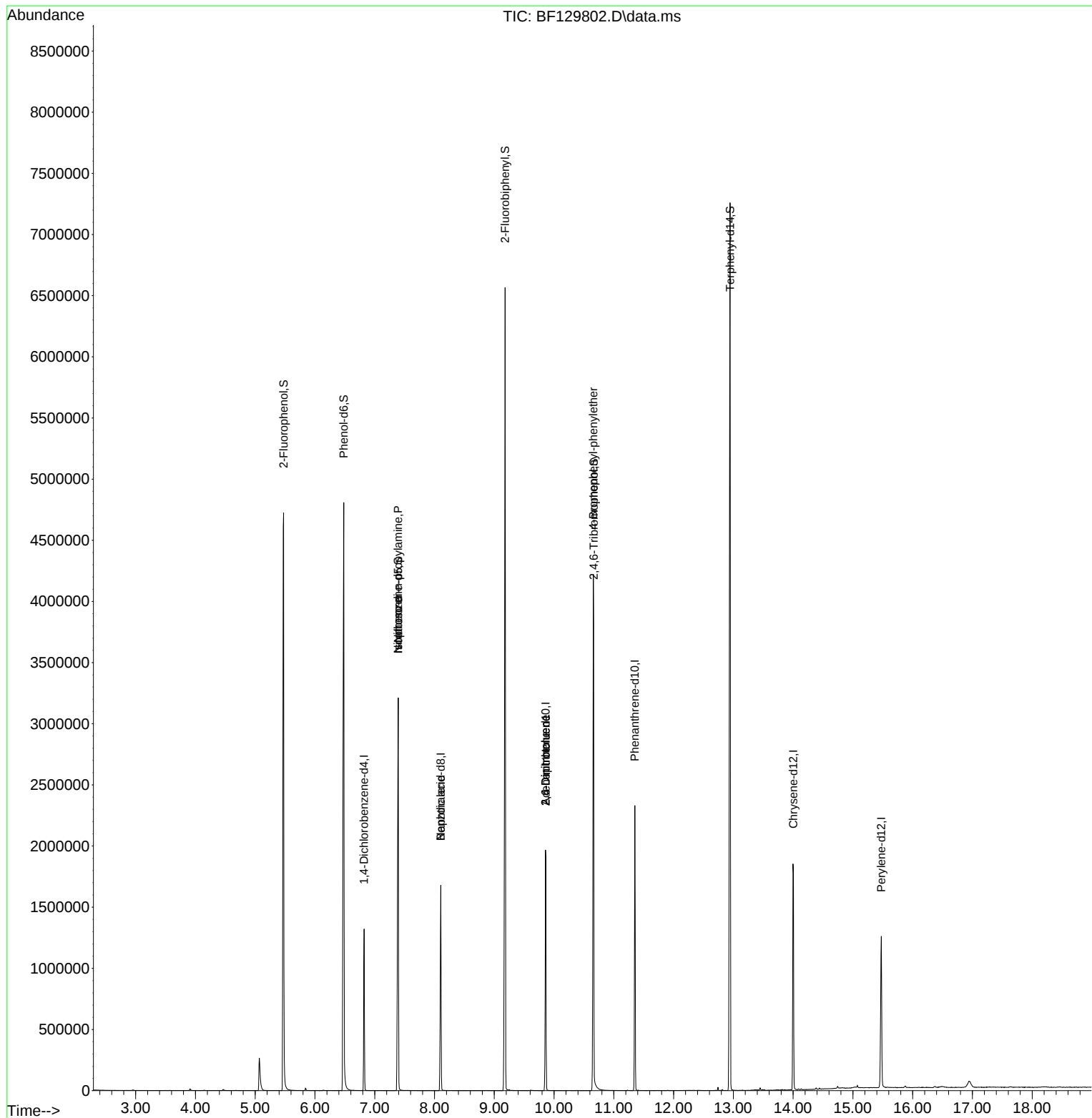
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	191712	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	798591	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	440390	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	789326	20.000	ng	0.00
76) Chrysene-d12	14.004	240	646592	20.000	ng	0.00
86) Perylene-d12	15.474	264	561144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1467991	126.781	ng	0.01
7) Phenol-d6	6.481	99	1845725	127.291	ng	0.00
23) Nitrobenzene-d5	7.393	82	1195670	80.149	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	591212	133.759	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2272865	78.386	ng	0.00
79) Terphenyl-d14	12.945	244	2746490	70.678	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.398	77	343	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.393	70	161069	17.574	ng	# 75
25) Isophorone	7.393	82	1195655	46.567	ng	# 65
32) Benzoic acid	8.104	122	284	2.227	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	58287	8.511	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	58287	6.556	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	36202	3.916	ng	# 1
77) Benzidine	12.698	184	2047	Below Cal	#	80

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

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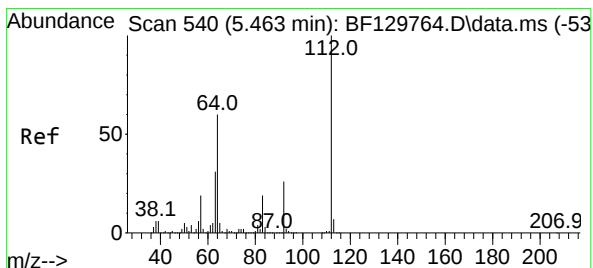
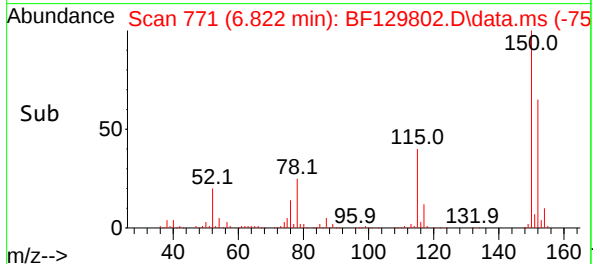
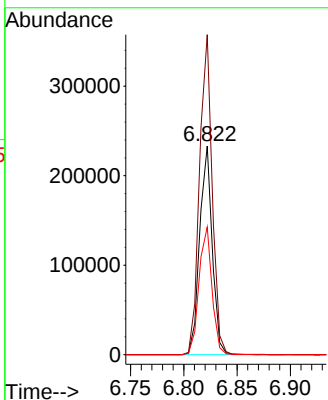
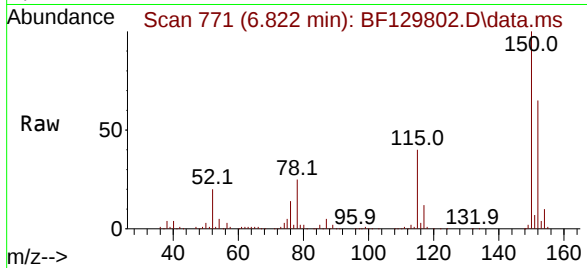




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

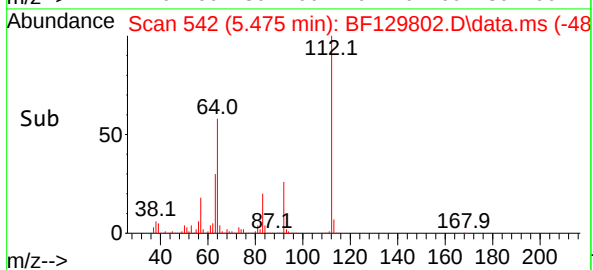
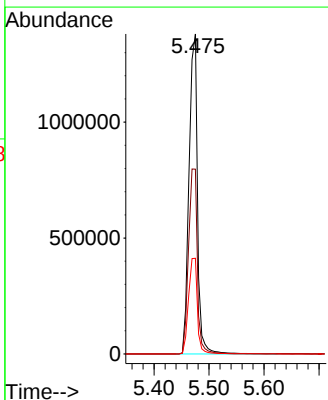
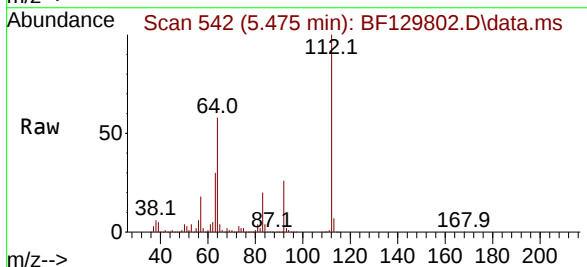
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BNA_F
ClientSampleId :
PB146771BL

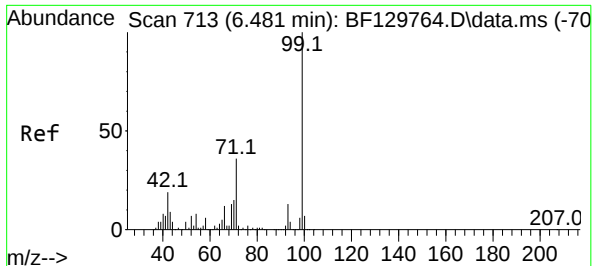
Tgt Ion:152 Resp: 191712
Ion Ratio Lower Upper
152 100
150 153.3 126.9 190.3
115 61.2 53.4 80.0



#5
2-Fluorophenol
Concen: 126.781 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.012 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

Tgt Ion:112 Resp: 1467991
Ion Ratio Lower Upper
112 100
64 57.7 47.6 71.4
63 29.9 24.6 37.0

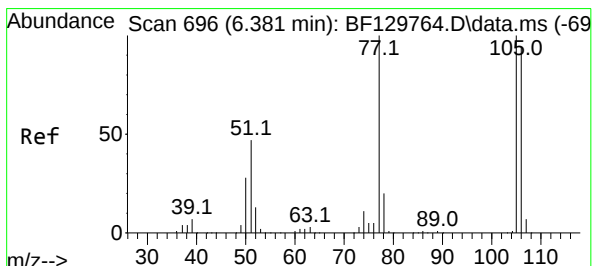
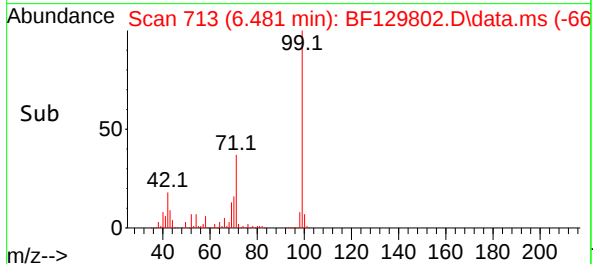
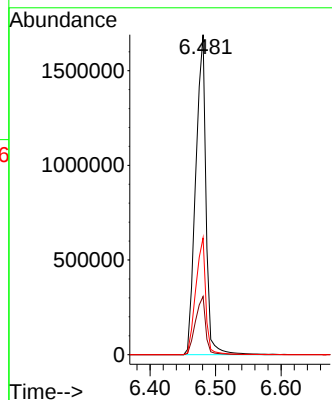
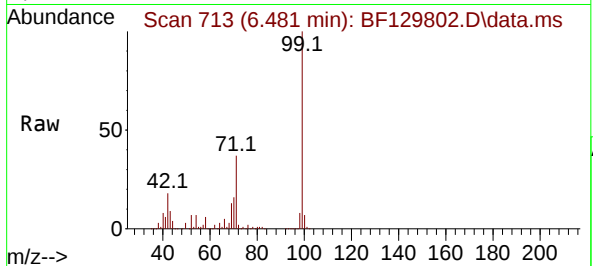




#7
Phenol-d6
Concen: 127.291 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

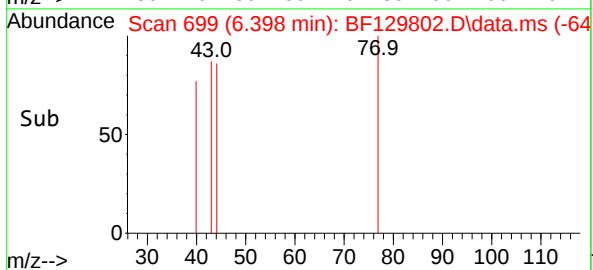
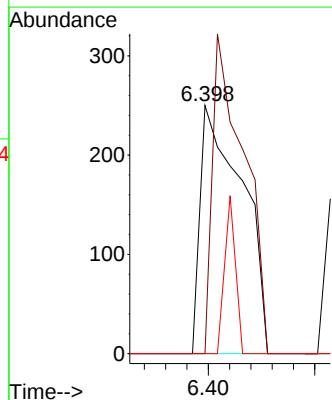
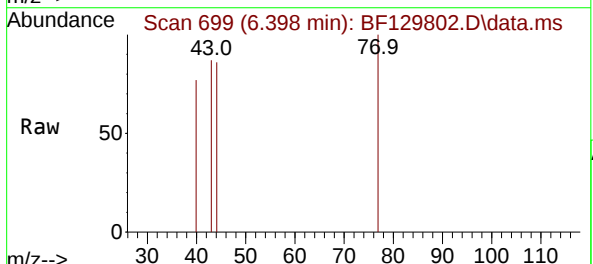
Instrument :
BNA_F
ClientSampleId :
PB146771BL

Tgt Ion: 99 Resp: 1845725
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 36.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.398 min Scan# 699
Delta R.T. 0.017 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

Tgt Ion: 77 Resp: 343
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

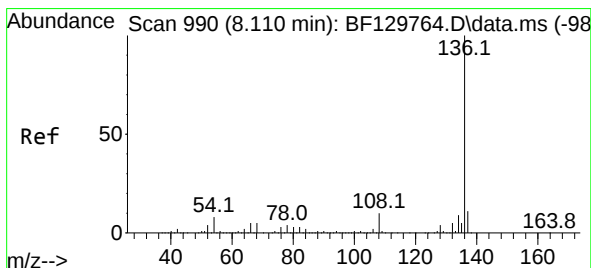
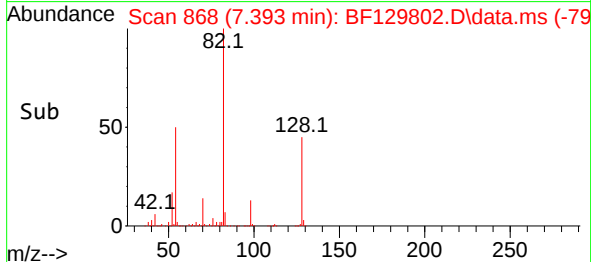
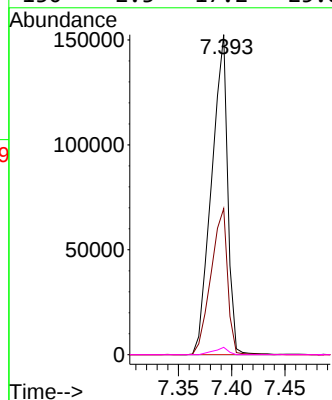
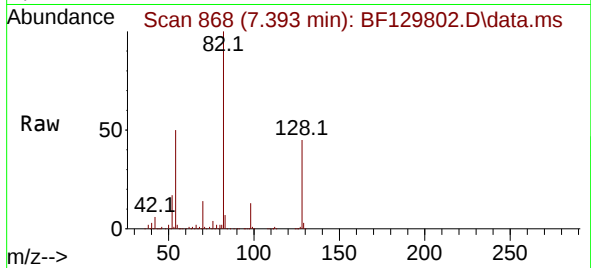




#19
n-Nitroso-di-n-propylamine
Concen: 17.574 ng
RT: 7.393 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

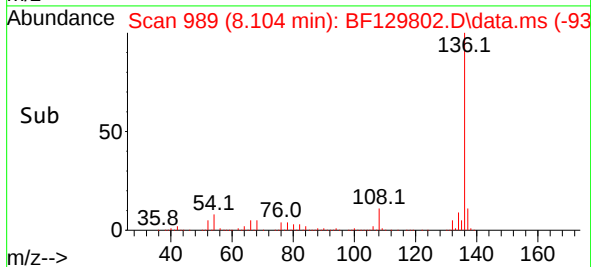
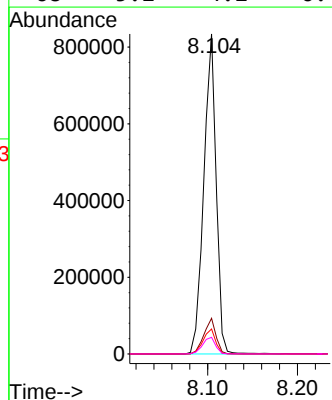
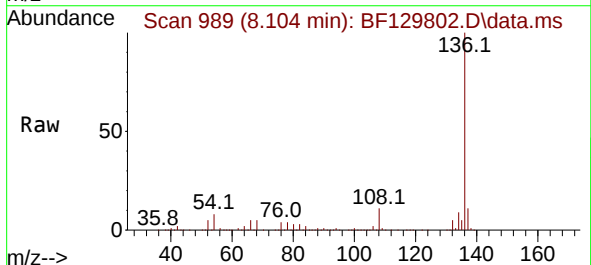
Instrument :
BNA_F
ClientSampleId :
PB146771BL

Tgt Ion: 70 Resp: 161069
Ion Ratio Lower Upper
70 100
42 45.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 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: BF129802.D
Acq: 16 Aug 2022 09:51

Tgt Ion: 136 Resp: 798591
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.8 6.2 9.2
68 5.2 4.2 6.4

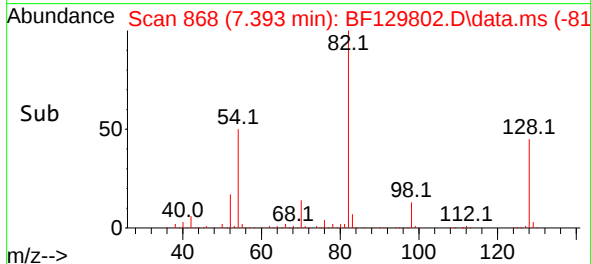
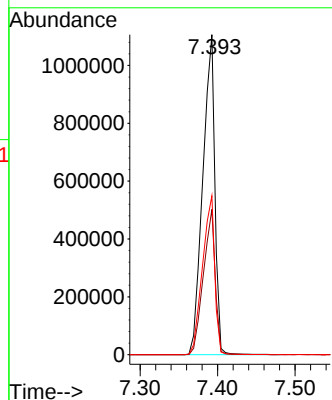
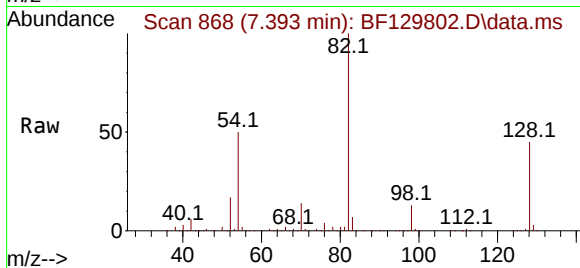




#23
Nitrobenzene-d5
Concen: 80.149 ng
RT: 7.393 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

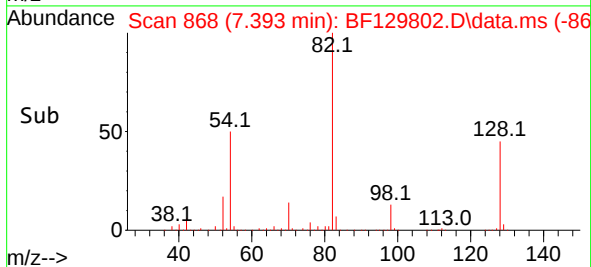
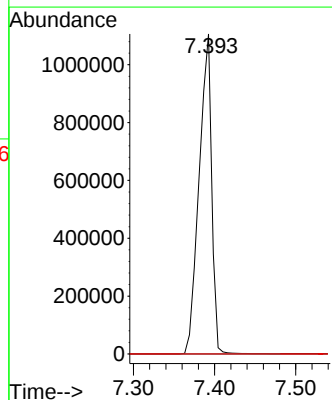
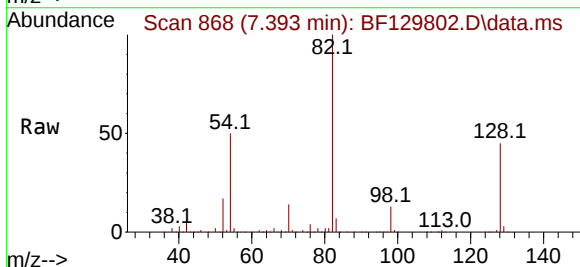
Instrument :
BNA_F
ClientSampleId :
PB146771BL

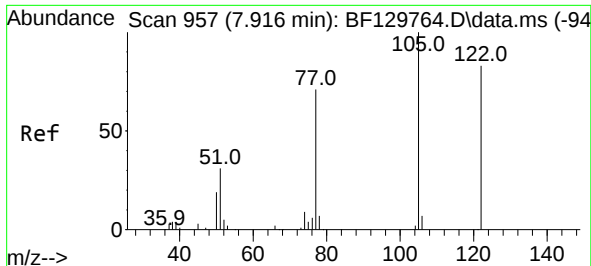
Tgt Ion: 82 Resp: 1195670
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 49.7 40.0 60.0



#25
Isophorone
Concen: 46.567 ng
RT: 7.393 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

Tgt Ion: 82 Resp: 1195655
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

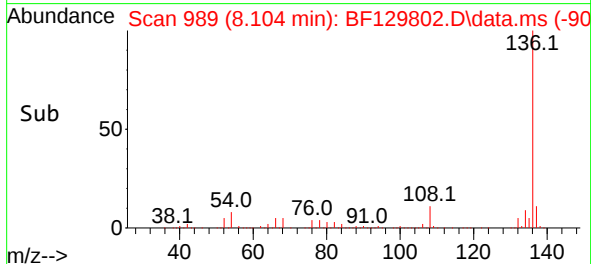
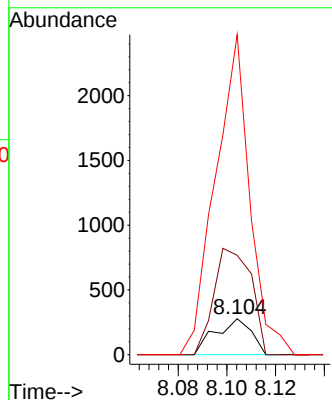
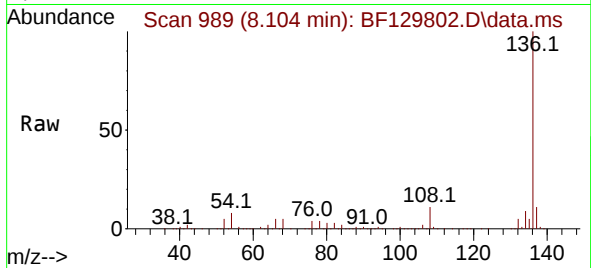




#32
Benzoic acid
Concen: 2.227 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

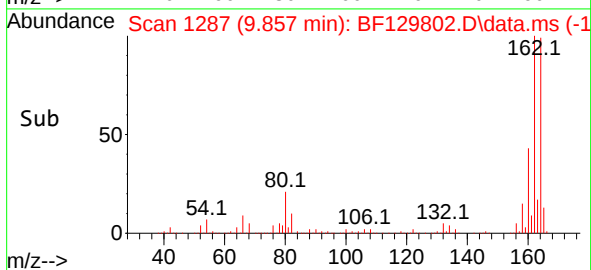
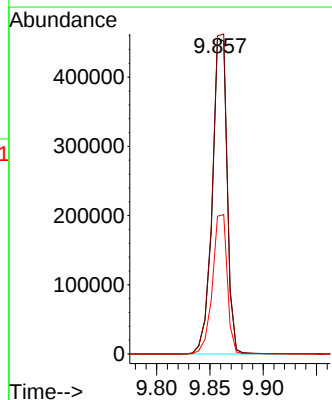
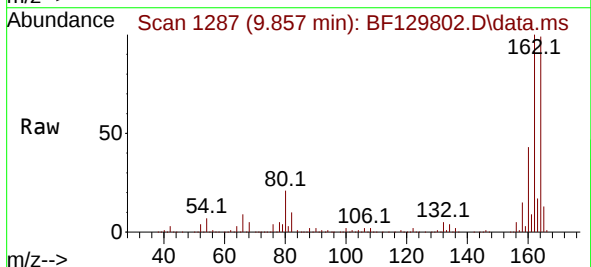
Instrument :
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ClientSampleId :
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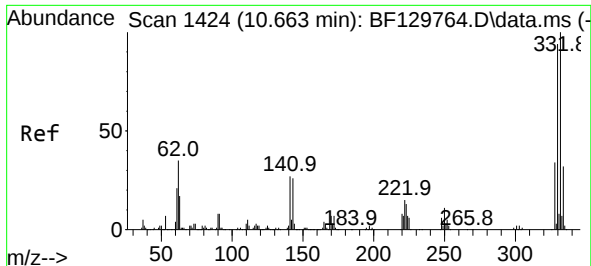
Tgt Ion:122 Resp: 284
Ion Ratio Lower Upper
122 100
105 275.9 99.9 139.9#
77 888.8 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

Tgt Ion:164 Resp: 440390
Ion Ratio Lower Upper
164 100
162 100.7 82.0 123.0
160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 133.759 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129802.D

Acq: 16 Aug 2022 09:51

Instrument :

BNA_F

ClientSampleId :

PB146771BL

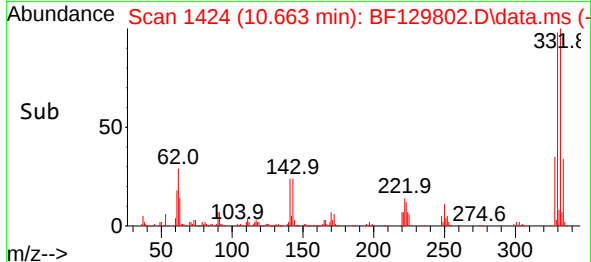
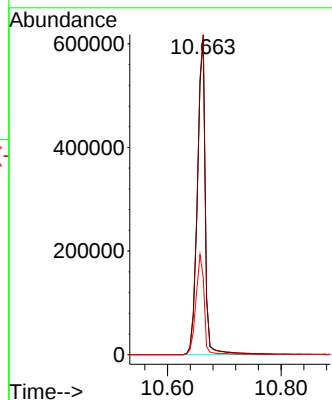
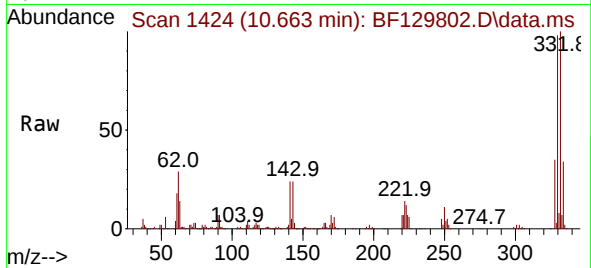
Tgt Ion:330 Resp: 591212

Ion Ratio Lower Upper

330 100

332 102.2 82.6 124.0

141 33.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 78.386 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129802.D

Acq: 16 Aug 2022 09:51

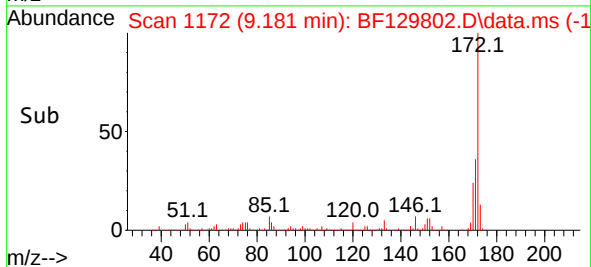
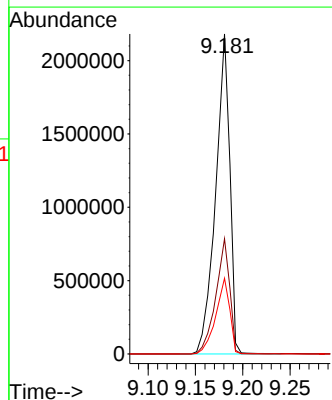
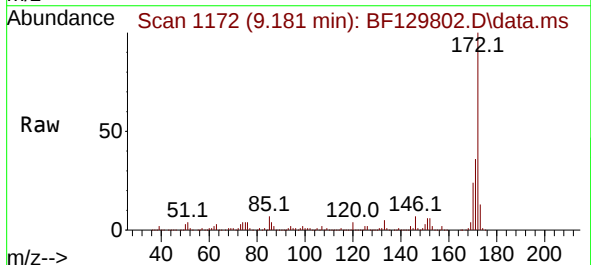
Tgt Ion:172 Resp: 2272865

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.6 19.1 28.7

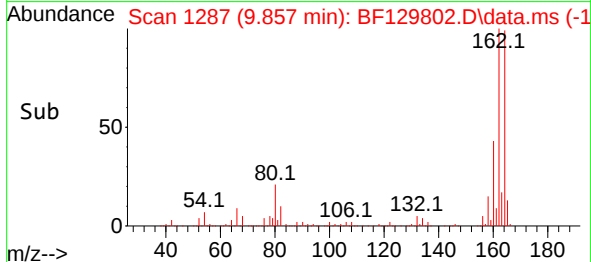
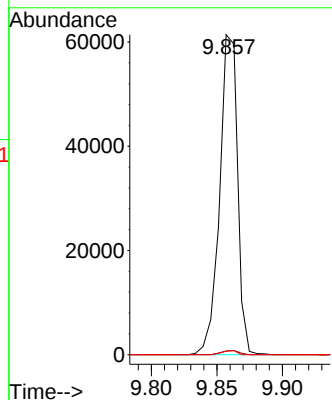
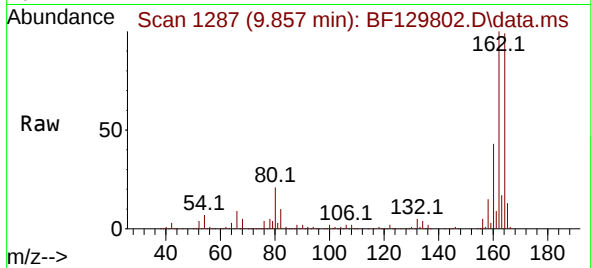




#51
2,6-Dinitrotoluene
Concen: 8.511 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

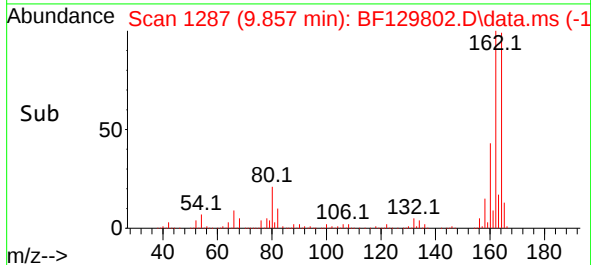
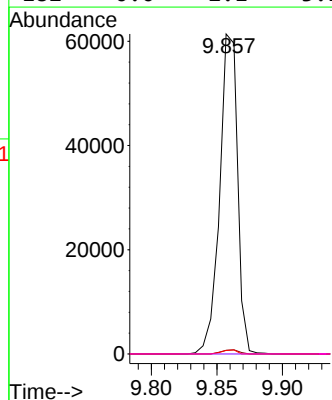
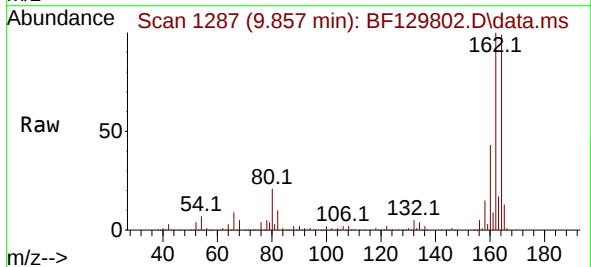
Instrument :
BNA_F
ClientSampleId :
PB146771BL

Tgt Ion:165 Resp: 58287
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.556 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

Tgt Ion:165 Resp: 58287
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#

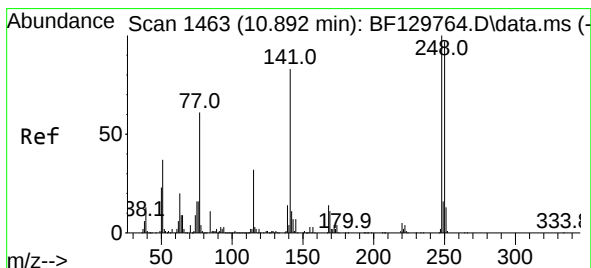
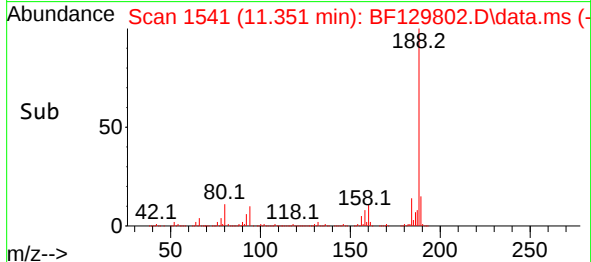
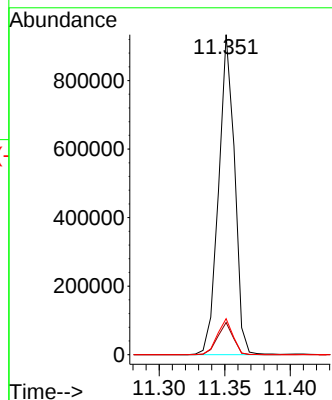
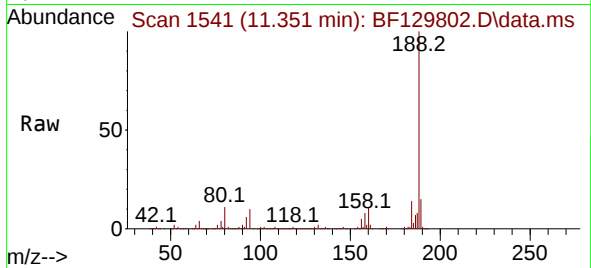




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

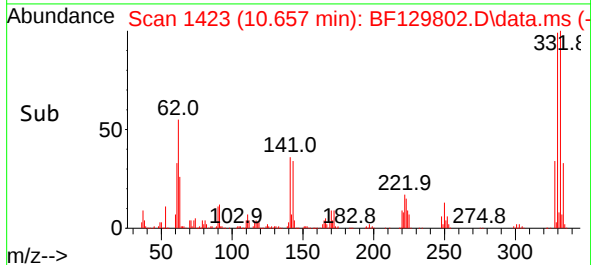
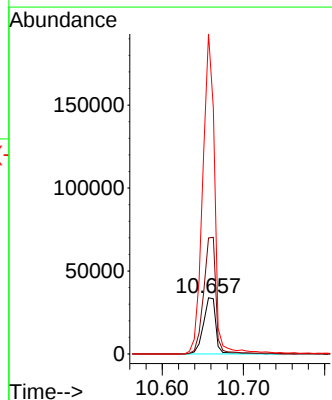
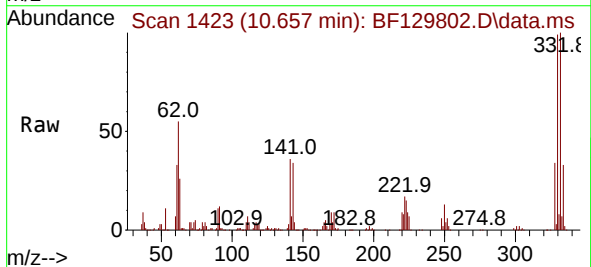
Instrument :
BNA_F
ClientSampleId :
PB146771BL

Tgt Ion:188 Resp: 789326
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.916 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.235 min
Lab File: BF129802.D
Acq: 16 Aug 2022 09:51

Tgt Ion:248 Resp: 36202
Ion Ratio Lower Upper
248 100
250 206.4 77.8 116.6#
141 568.9 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF129802.D

Acq: 16 Aug 2022 09:51

Instrument :

BNA_F

ClientSampleId :

PB146771BL

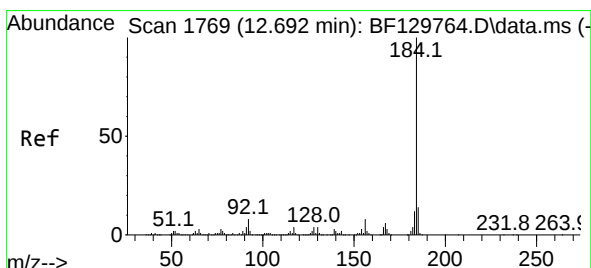
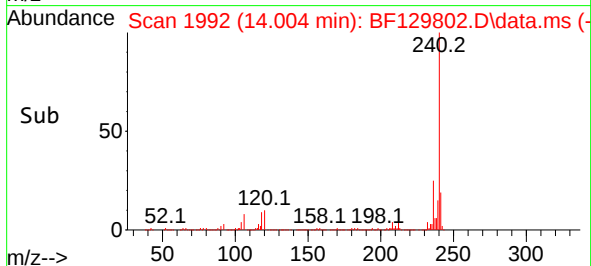
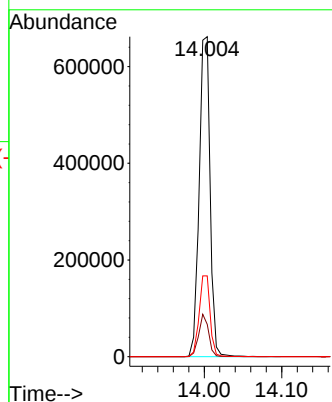
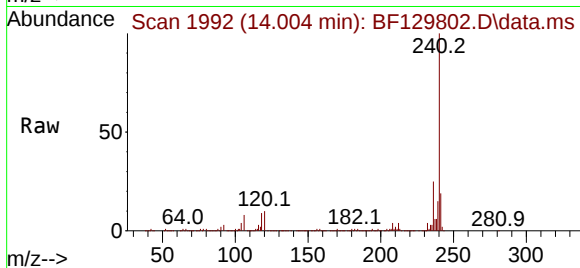
Tgt Ion:240 Resp: 646592

Ion Ratio Lower Upper

240 100

120 10.1 9.2 13.8

236 25.2 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.698 min Scan# 1770

Delta R.T. 0.006 min

Lab File: BF129802.D

Acq: 16 Aug 2022 09:51

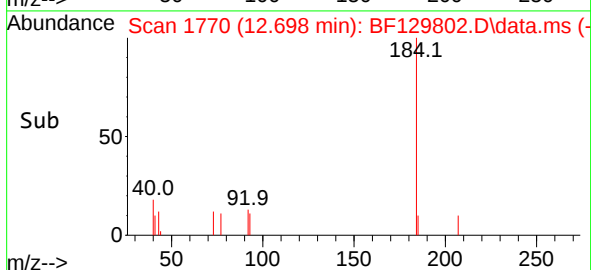
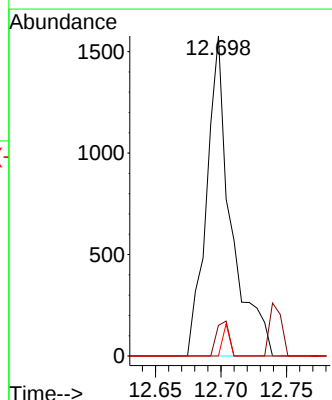
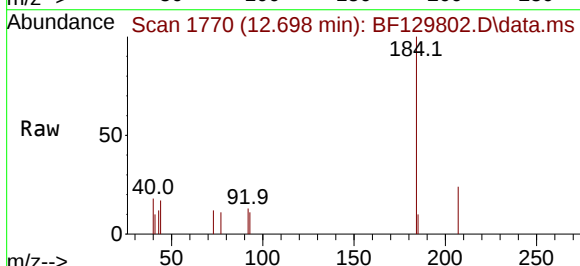
Tgt Ion:184 Resp: 2047

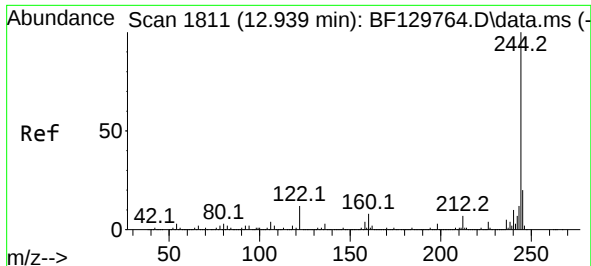
Ion Ratio Lower Upper

184 100

185 9.6 11.4 17.2#

183 0.0 9.4 14.2#

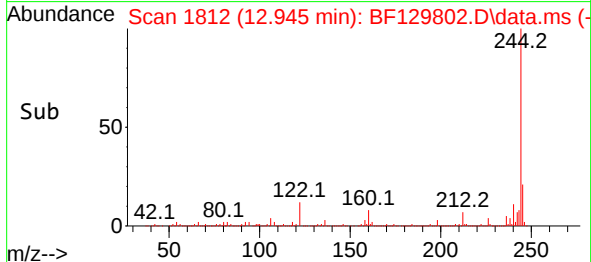
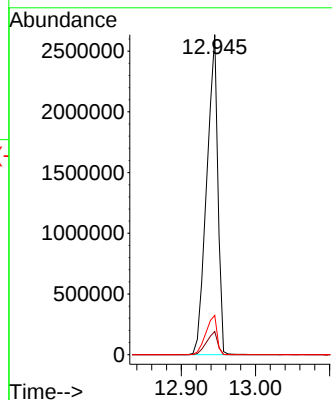
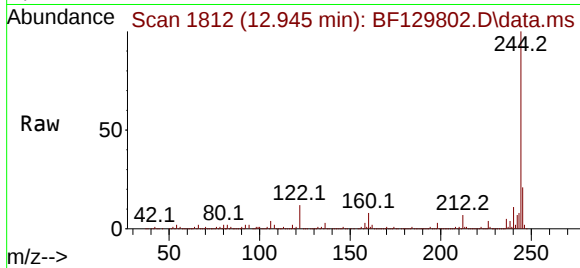




#79
 Terphenyl-d14
 Concen: 70.678 ng
 RT: 12.945 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: BF129802.D
 Acq: 16 Aug 2022 09:51

Instrument :
 BNA_F
 ClientSampleId :
 PB146771BL

Tgt Ion:244 Resp: 2746490
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.3 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2242
 Delta R.T. 0.006 min
 Lab File: BF129802.D
 Acq: 16 Aug 2022 09:51

Tgt Ion:264 Resp: 561144
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 22.1 16.7 25.1

