

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129272.D
 Acq On : 18 Jul 2022 17:34
 Operator : CG\JU
 Sample : N3731-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jul 19 02:08:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

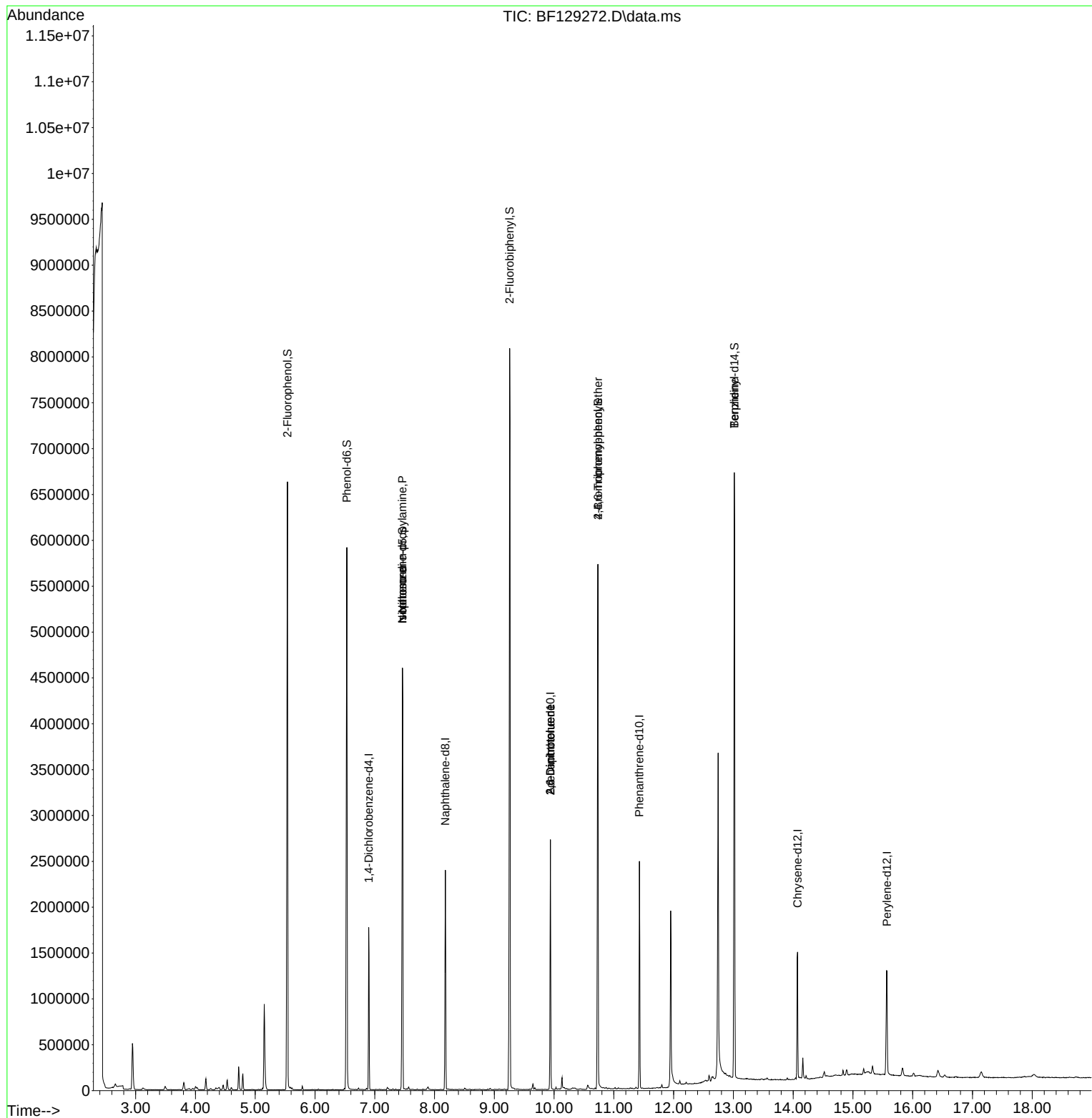
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	249386	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	991111	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	509447	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	820910	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	471135	20.000	ng	0.00
86) Perylene-d12	15.568	264	515919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1900771	121.725	ng	0.02
7) Phenol-d6	6.534	99	2212591	109.555	ng	0.00
23) Nitrobenzene-d5	7.463	82	1711951	92.332	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	657874	139.129	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2776798	92.344	ng	0.00
79) Terphenyl-d14	13.016	244	2421052	96.131	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	230708	19.421	ng	# 76
25) Isophorone	7.463	82	1711923	54.937	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	67341	9.413	ng	# 25
57) 2,4-Dinitrotoluene	9.939	165	67341	7.179	ng	# 21
67) 4-Bromophenyl-phenylether	10.733	248	42951	4.970	ng	# 1
77) Benzidine	13.016	184	34412	2.609	ng	# 91

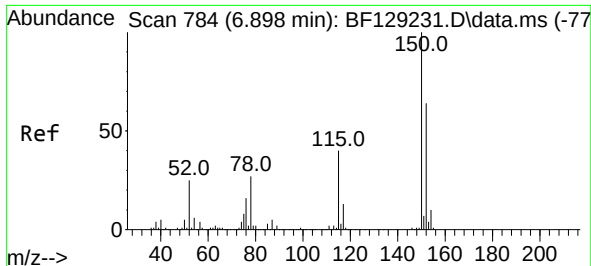
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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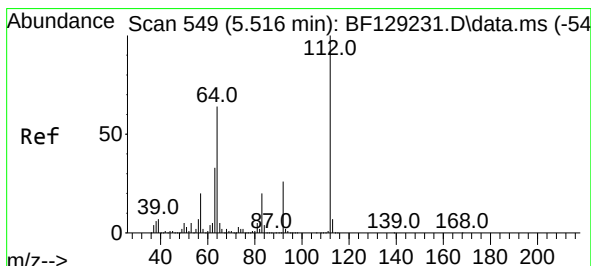
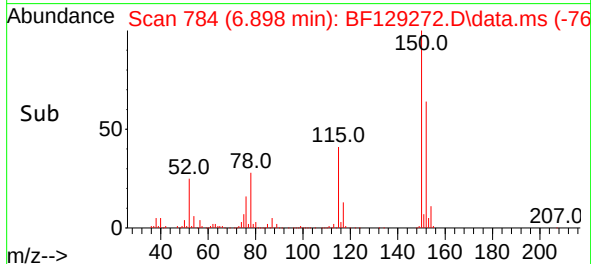
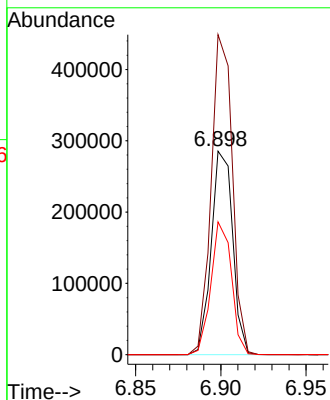
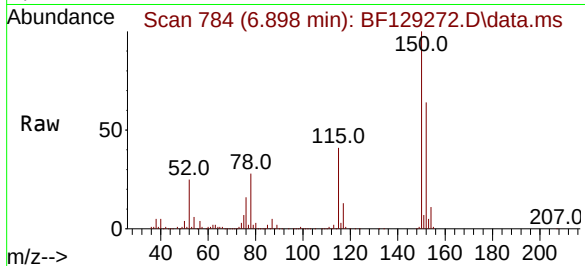




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

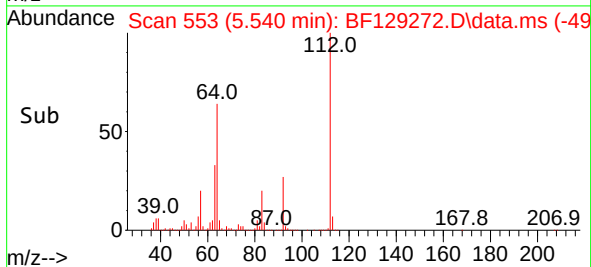
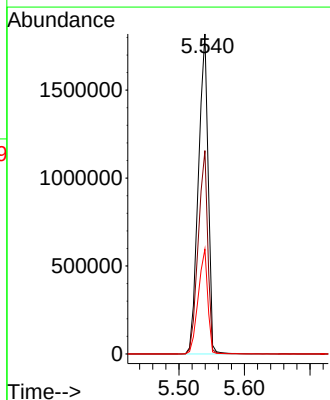
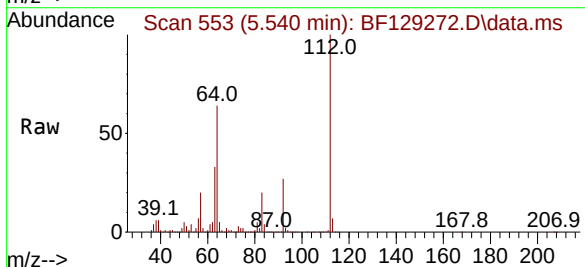
Instrument :
BNA_F
ClientSampleId :
TP-1

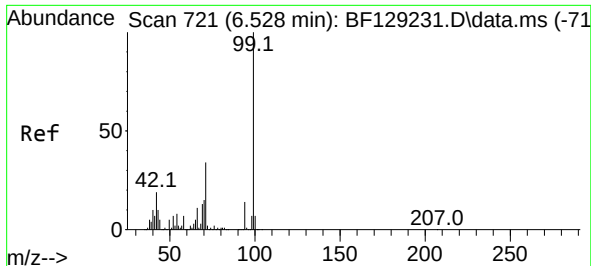
Tgt Ion:152 Resp: 249386
Ion Ratio Lower Upper
152 100
150 157.3 123.7 185.5
115 65.2 49.9 74.9



#5
2-Fluorophenol
Concen: 121.725 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.024 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

Tgt Ion:112 Resp: 1900771
Ion Ratio Lower Upper
112 100
64 63.5 53.3 79.9
63 32.8 28.0 42.0

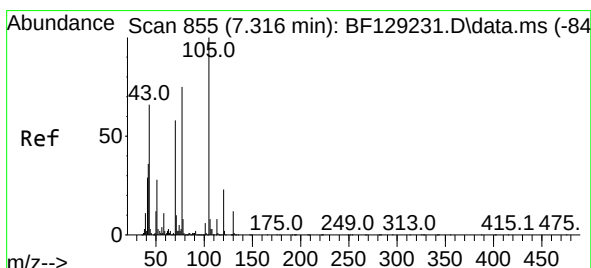
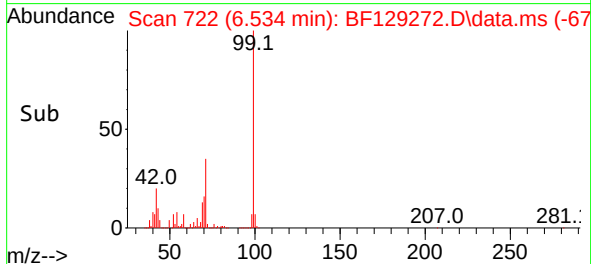
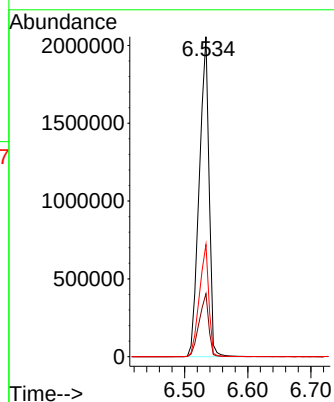
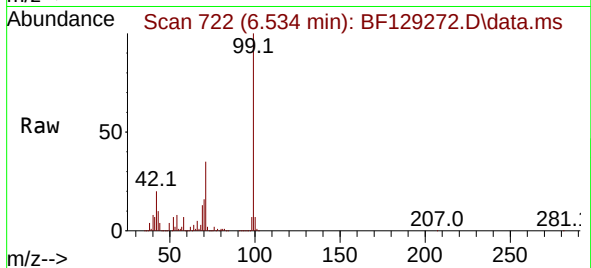




#7
Phenol-d6
Concen: 109.555 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

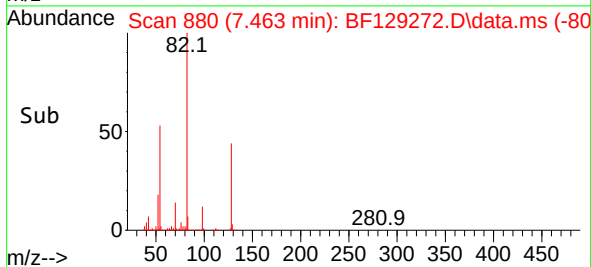
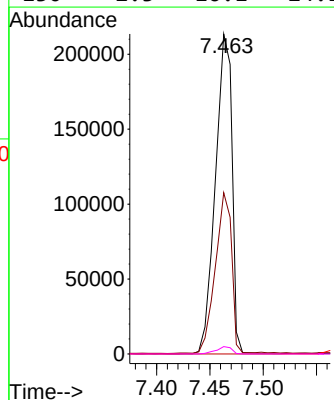
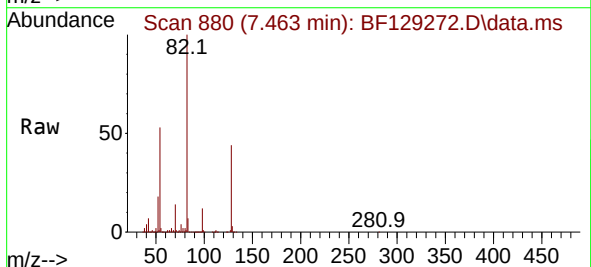
Instrument :
BNA_F
ClientSampleId :
TP-1

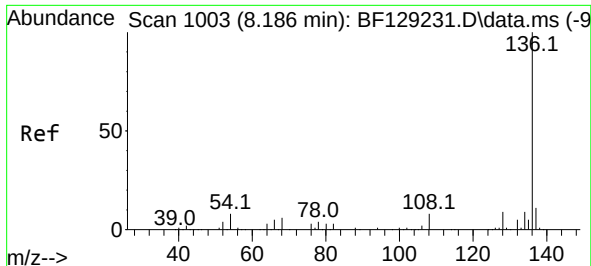
Tgt Ion: 99 Resp: 2212591
Ion Ratio Lower Upper
99 100
42 19.7 17.3 25.9
71 35.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.421 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.147 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

Tgt Ion: 70 Resp: 230708
Ion Ratio Lower Upper
70 100
42 50.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



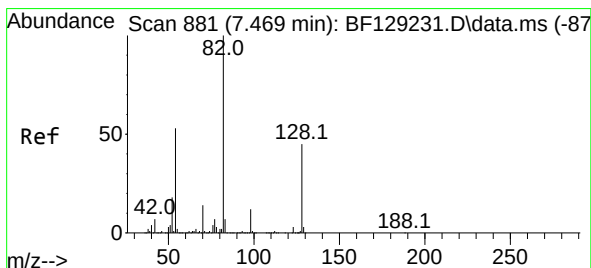
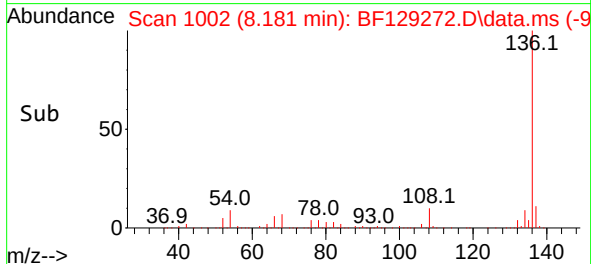
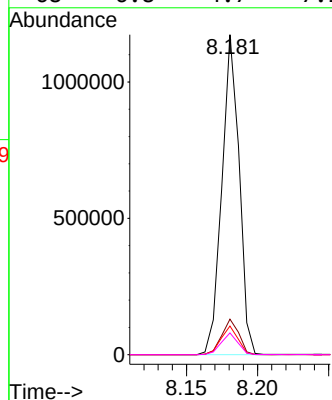
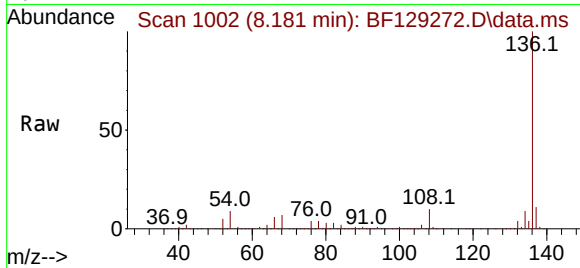


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 991111

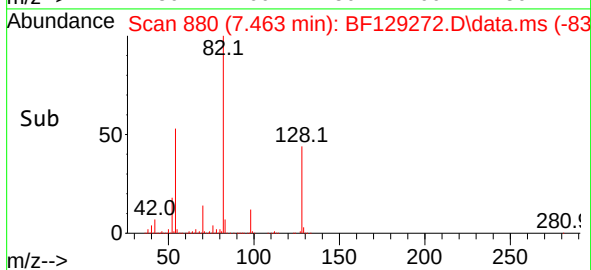
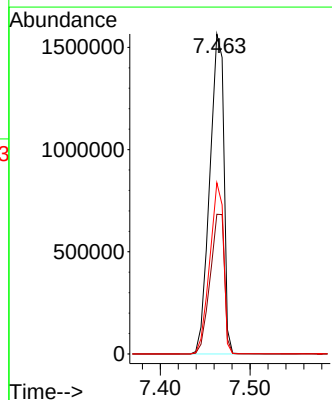
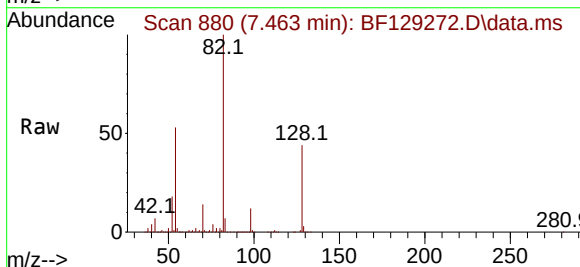
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.9	7.5	11.3
68	6.8	4.7	7.1

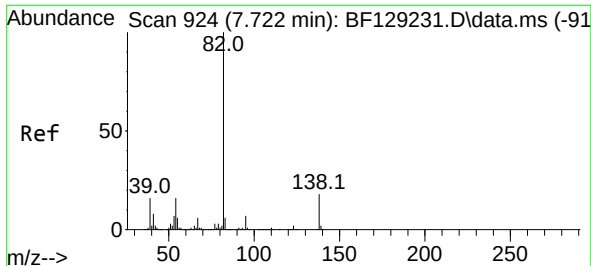


#23
Nitrobenzene-d5
Concen: 92.332 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

Tgt Ion: 82 Resp: 1711951

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	53.5	46.9	70.3

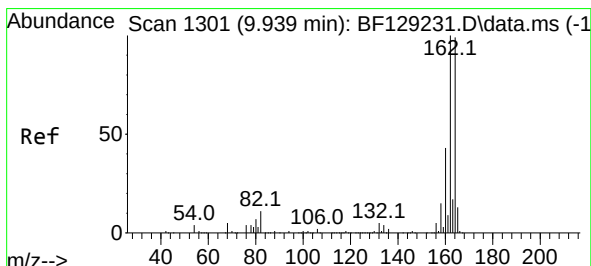
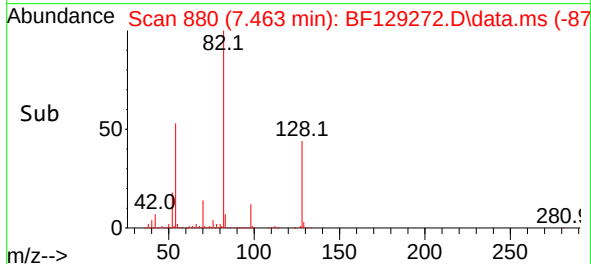
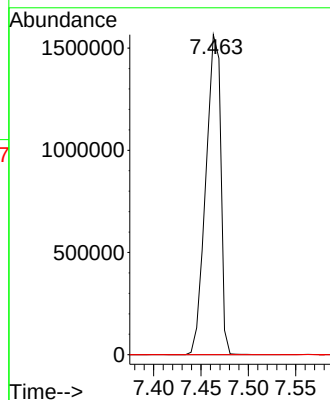
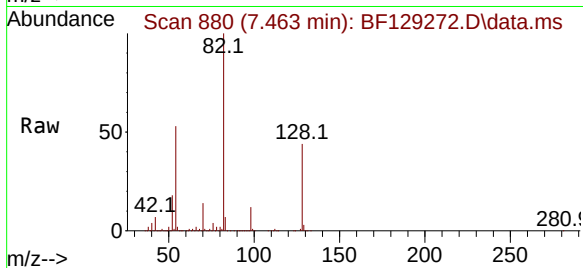




#25
Isophorone
Concen: 54.937 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

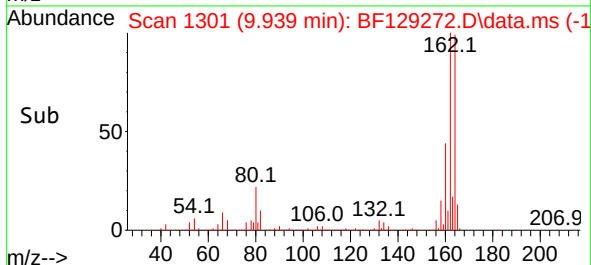
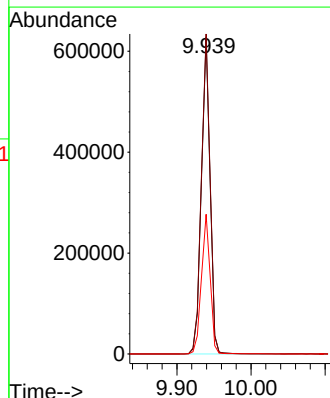
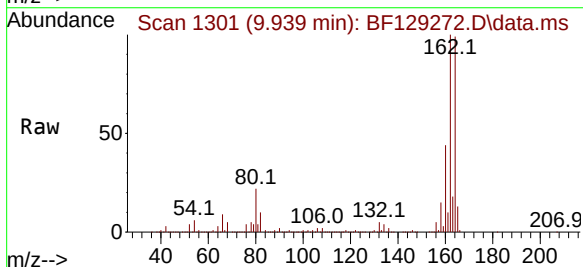
Instrument :
BNA_F
ClientSampleId :
TP-1

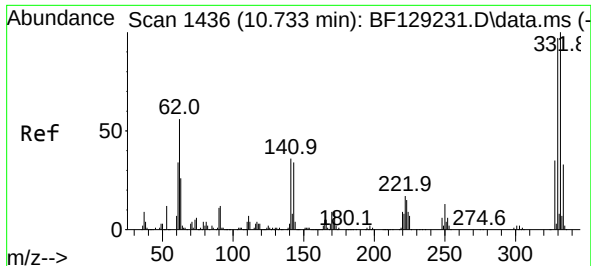
Tgt Ion: 82 Resp: 1711923
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

Tgt Ion:164 Resp: 509447
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 139.129 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BF129272.D

Acq: 18 Jul 2022 17:34

Instrument :

BNA_F

ClientSampleId :

TP-1

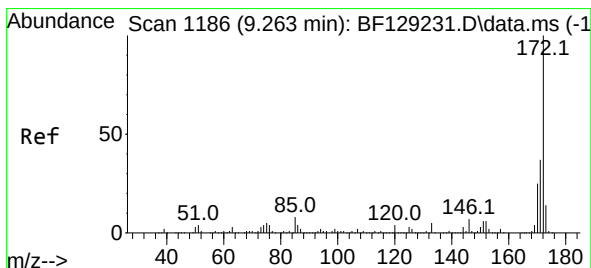
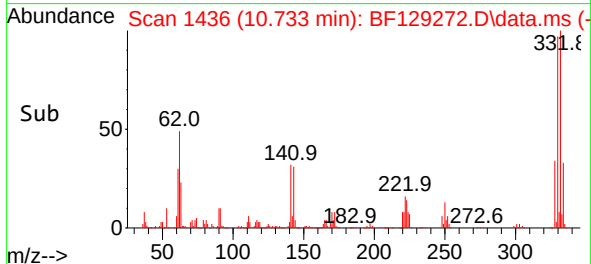
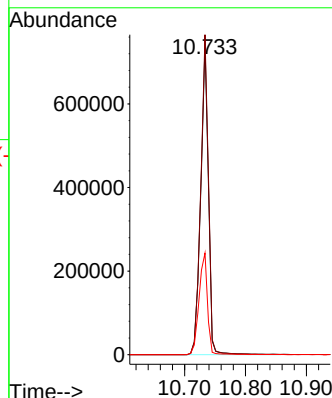
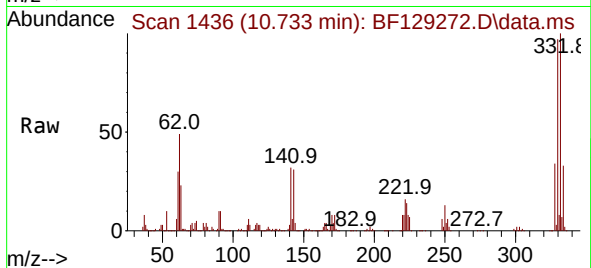
Tgt Ion:330 Resp: 657874

Ion Ratio Lower Upper

330 100

332 103.7 76.8 115.2

141 35.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 92.344 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129272.D

Acq: 18 Jul 2022 17:34

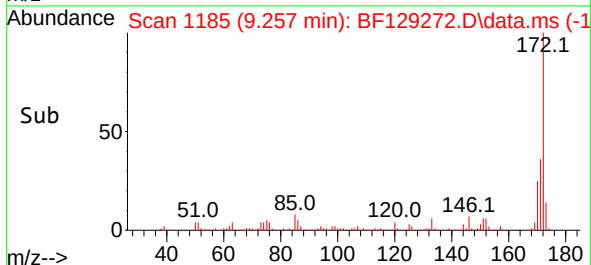
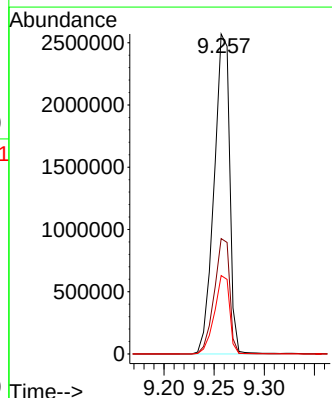
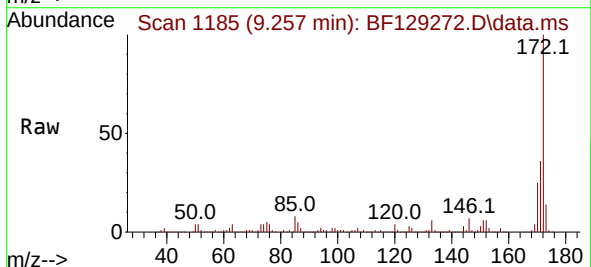
Tgt Ion:172 Resp: 2776798

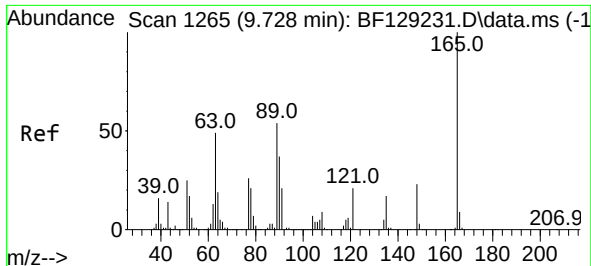
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.5 19.8 29.8

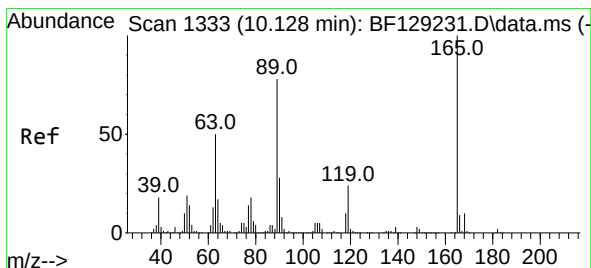
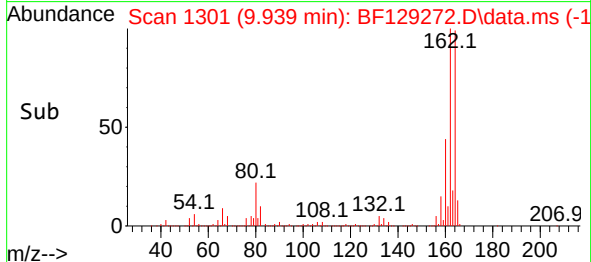
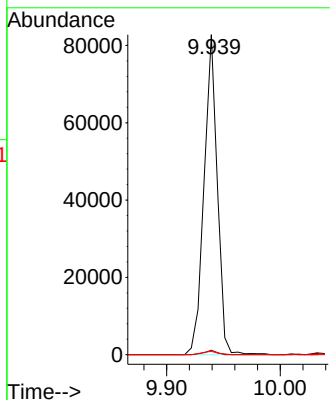
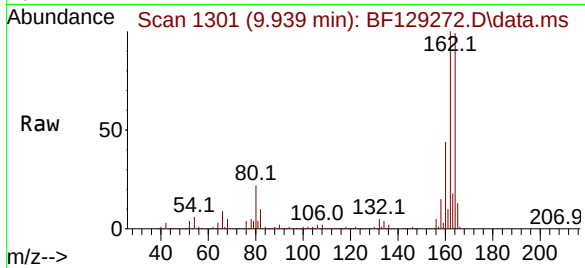




#51
2,6-Dinitrotoluene
Concen: 9.413 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

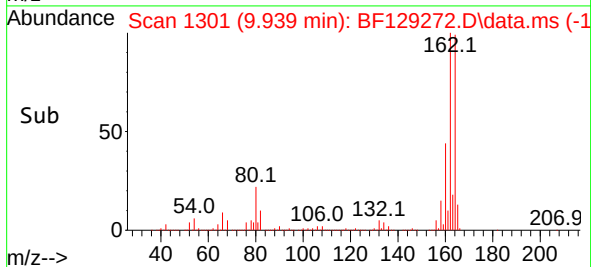
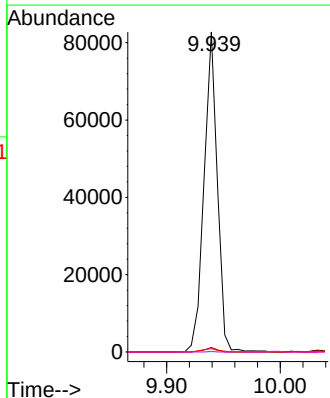
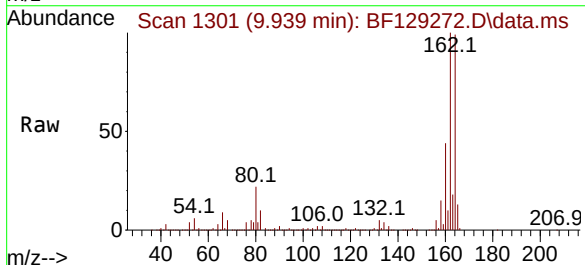
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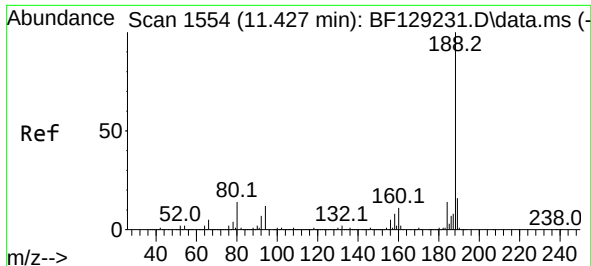
Tgt Ion:165 Resp: 67341
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.179 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.188 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

Tgt Ion:165 Resp: 67341
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.1 60.2 90.2#
182 0.2 2.2 3.2#

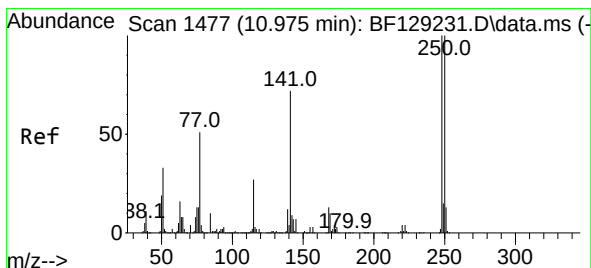
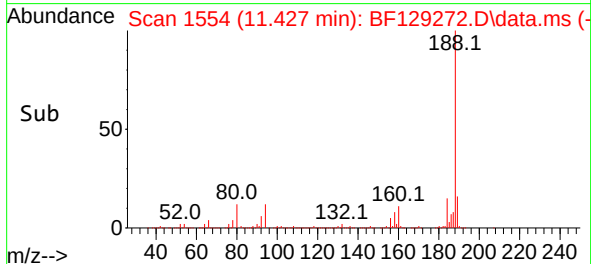
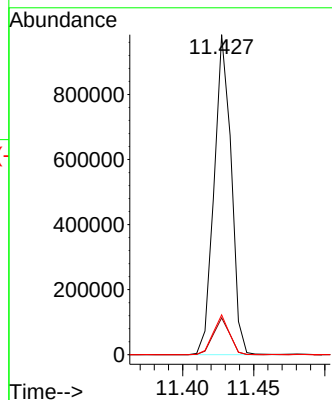
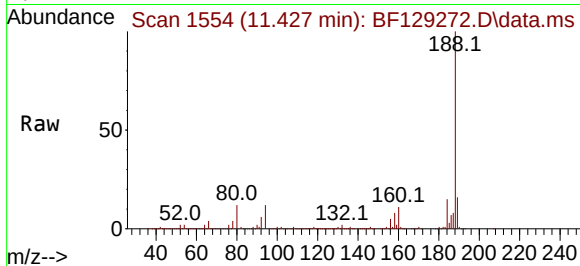




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

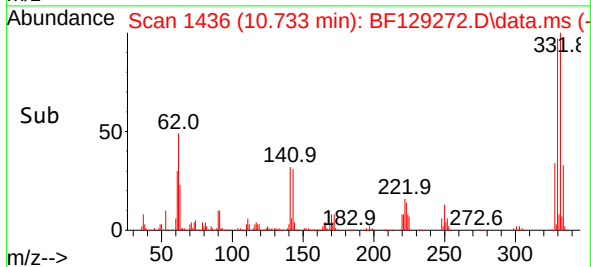
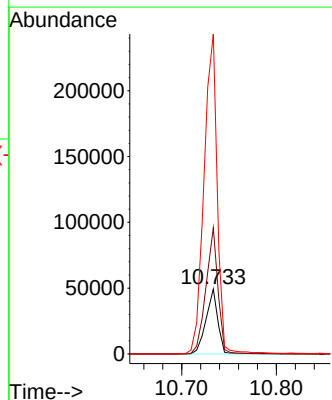
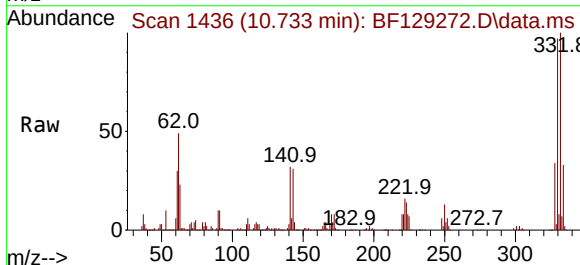
Instrument :
BNA_F
ClientSampleId :
TP-1

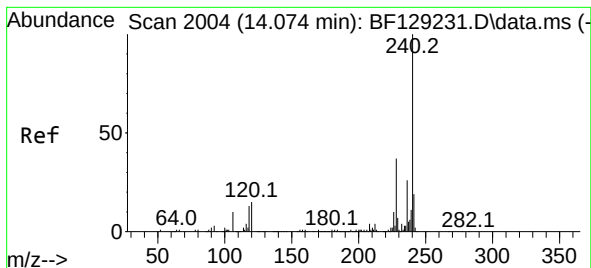
Tgt Ion:188 Resp: 820910
Ion Ratio Lower Upper
188 100
94 11.5 7.0 10.6#
80 12.5 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.970 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.241 min
Lab File: BF129272.D
Acq: 18 Jul 2022 17:34

Tgt Ion:248 Resp: 42951
Ion Ratio Lower Upper
248 100
250 194.6 80.6 120.8#
141 493.1 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF129272.D

Acq: 18 Jul 2022 17:34

Instrument :

BNA_F

ClientSampleId :

TP-1

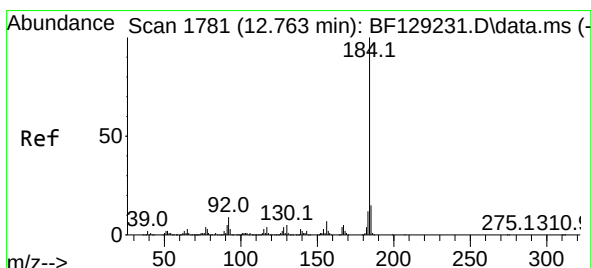
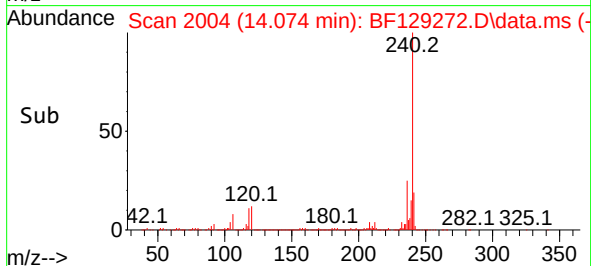
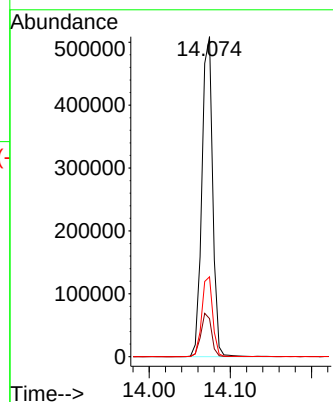
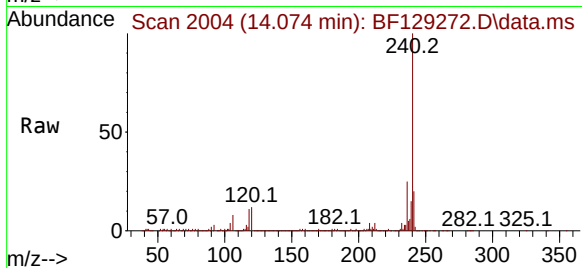
Tgt Ion:240 Resp: 471135

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

236 24.9 20.8 31.2



#77

Benidine

Concen: 2.609 ng

RT: 13.016 min Scan# 1824

Delta R.T. 0.253 min

Lab File: BF129272.D

Acq: 18 Jul 2022 17:34

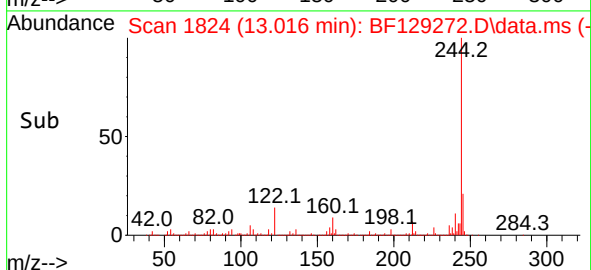
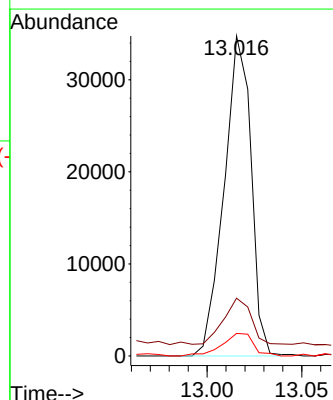
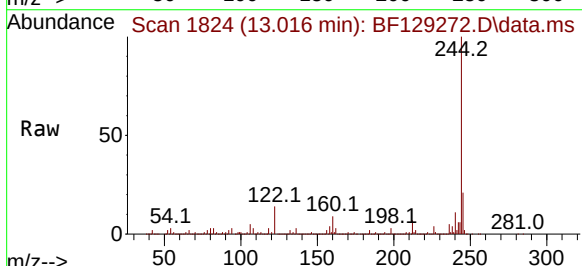
Tgt Ion:184 Resp: 34412

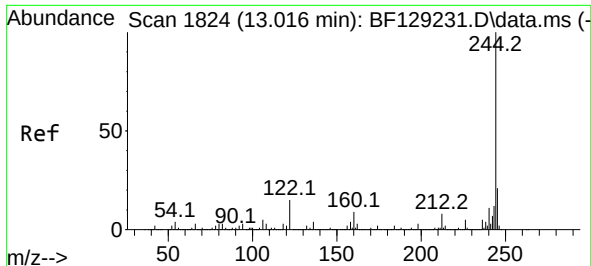
Ion Ratio Lower Upper

184 100

185 18.1 11.9 17.9#

183 7.0 9.3 13.9#

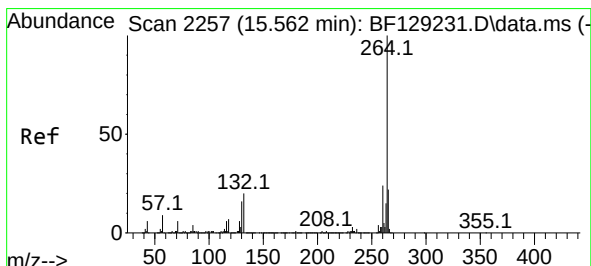
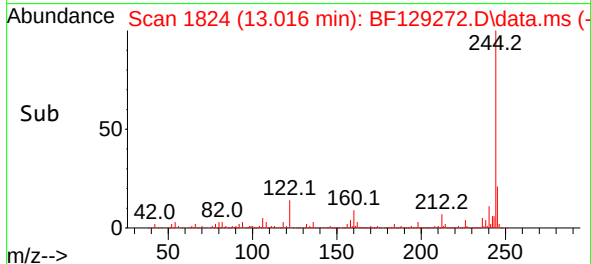
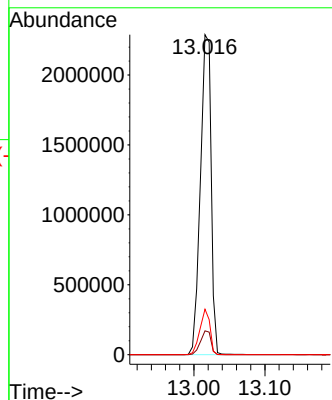
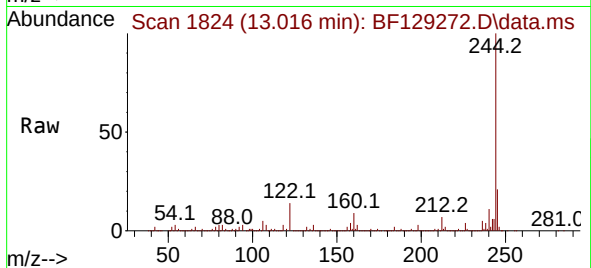




#79
 Terphenyl-d14
 Concen: 96.131 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF129272.D
 Acq: 18 Jul 2022 17:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 2421052
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 14.2 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2258
 Delta R.T. 0.006 min
 Lab File: BF129272.D
 Acq: 18 Jul 2022 17:34

Tgt Ion:264 Resp: 515919
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.5 17.2 25.8

