

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129638.D
 Acq On : 08 Aug 2022 18:49
 Operator : CG\JU
 Sample : N4063-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-5B

Quant Time: Aug 09 00:34:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

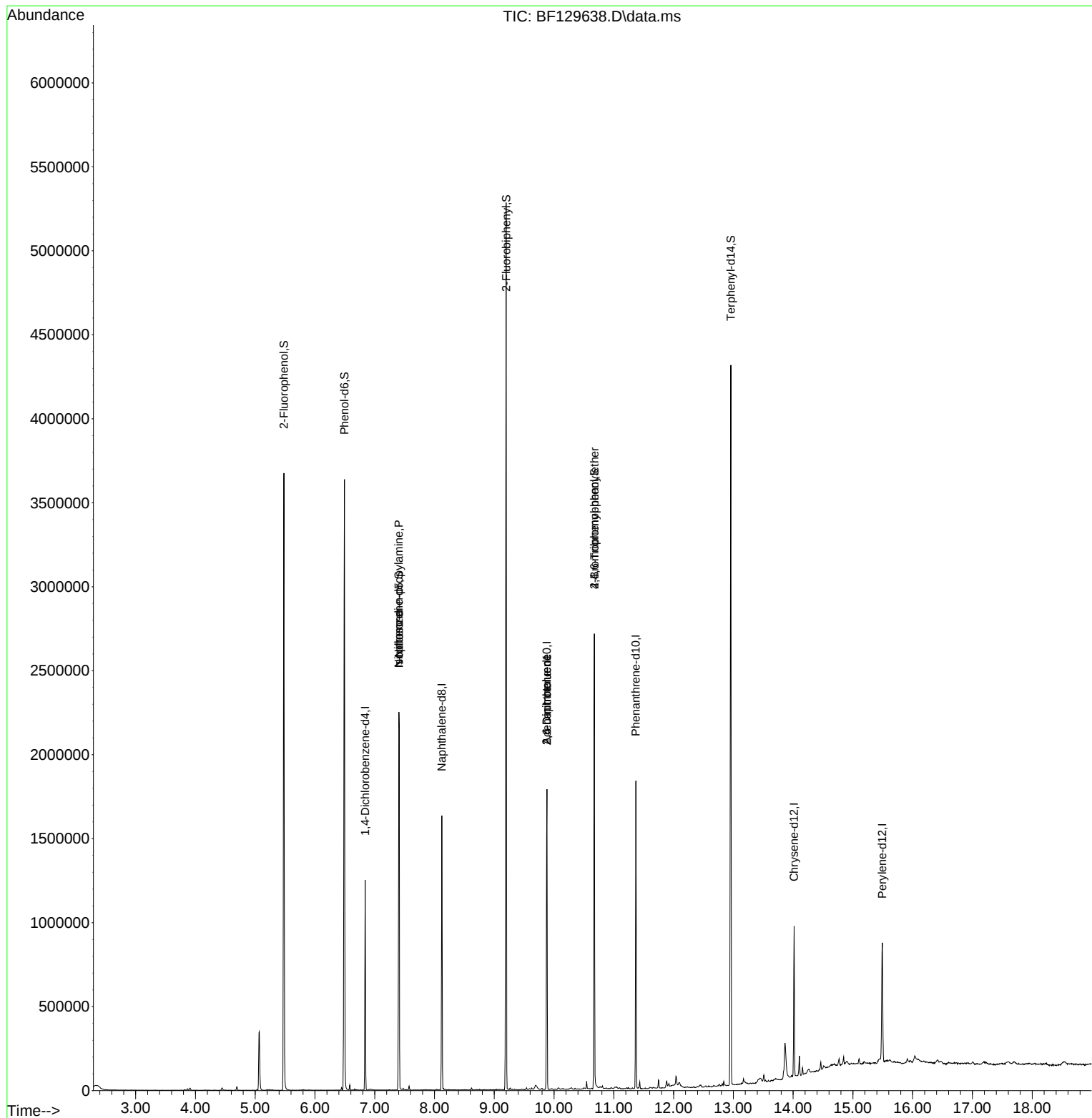
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	164157	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	653983	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	353989	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	580864	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	279465	20.000	ng	-0.01
86) Perylene-d12	15.492	264	320724	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	936989	92.981	ng	0.00
7) Phenol-d6	6.493	99	1216142	96.013	ng	-0.01
23) Nitrobenzene-d5	7.404	82	800841	66.847	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	284902	83.712	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1496200	65.385	ng	-0.01
79) Terphenyl-d14	12.957	244	1370892	92.545	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	105762	13.792	ng	# 74
25) Isophorone	7.404	82	798178	37.168	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	45512	8.321	ng	# 26
57) 2,4-Dinitrotoluene	9.881	165	45512	6.370	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	18438	2.899	ng	# 1

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

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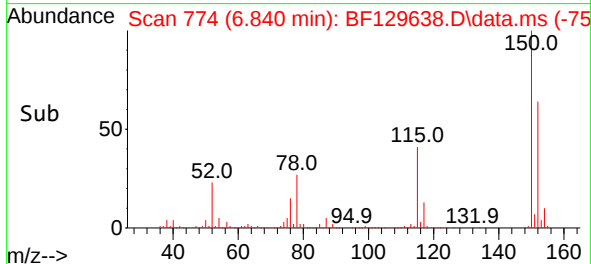
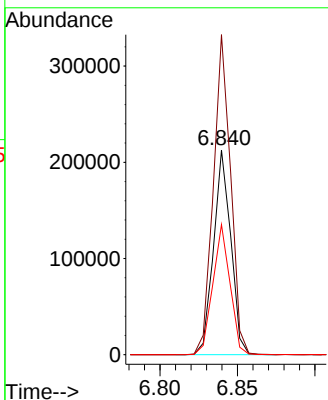
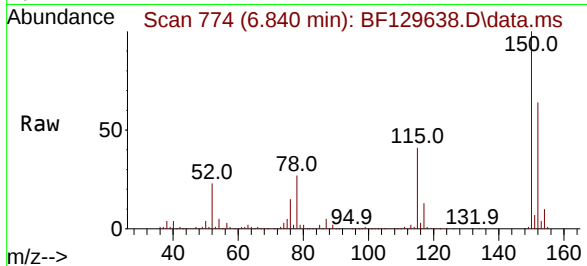




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

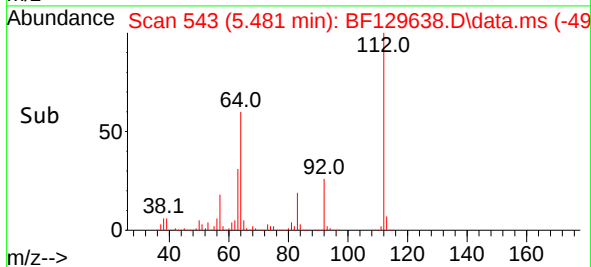
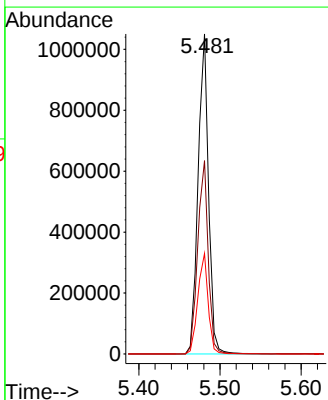
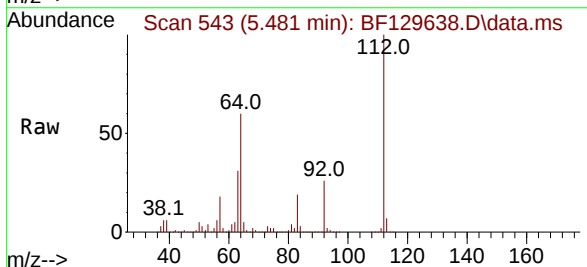
Instrument :
BNA_F
ClientSampleId :
P-5B

Tgt Ion:152 Resp: 164157
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 63.5 49.9 74.9



#5
2-Fluorophenol
Concen: 92.981 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

Tgt Ion:112 Resp: 936989
Ion Ratio Lower Upper
112 100
64 60.4 53.3 79.9
63 31.4 28.0 42.0

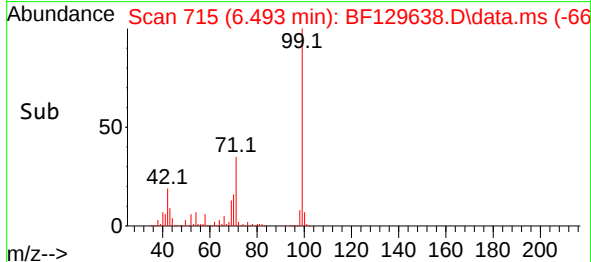
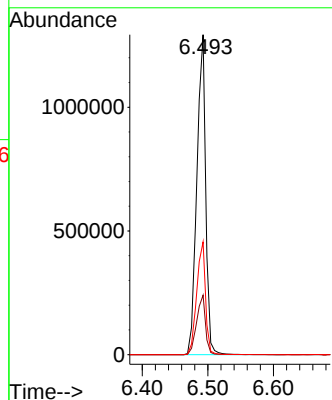
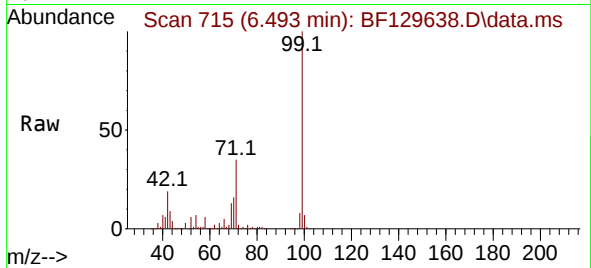




#7
Phenol-d6
Concen: 96.013 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

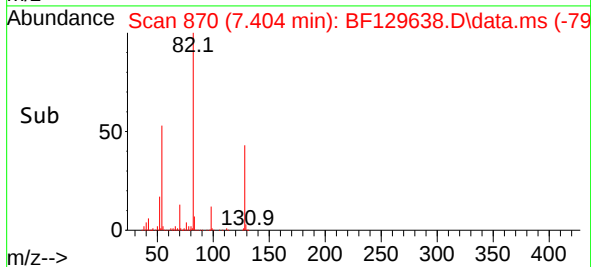
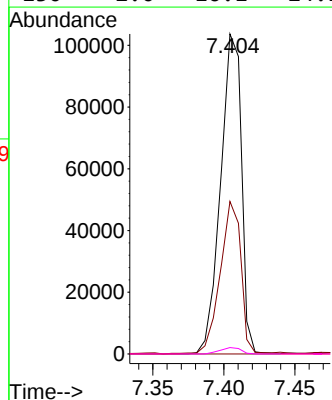
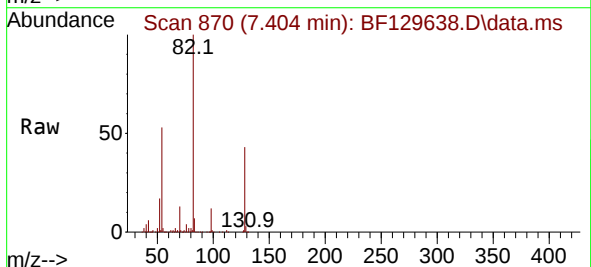
Instrument :
BNA_F
ClientSampleId :
P-5B

Tgt Ion: 99 Resp: 1216142
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 35.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.792 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

Tgt Ion: 70 Resp: 105762
Ion Ratio Lower Upper
70 100
42 47.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



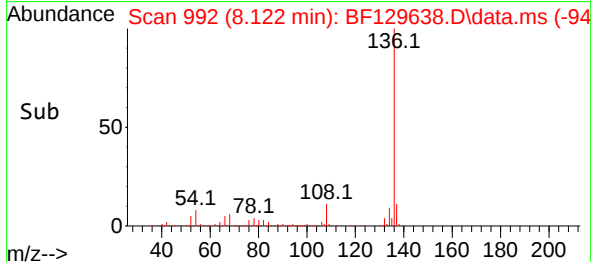
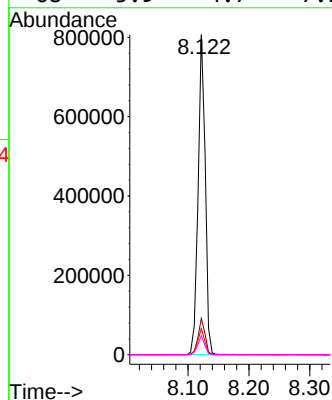
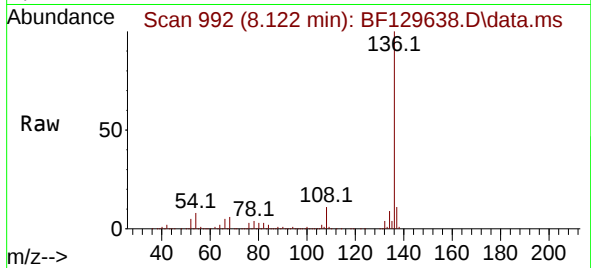


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

Instrument :
BNA_F
ClientSampleId :
P-5B

Tgt Ion:136 Resp: 653983

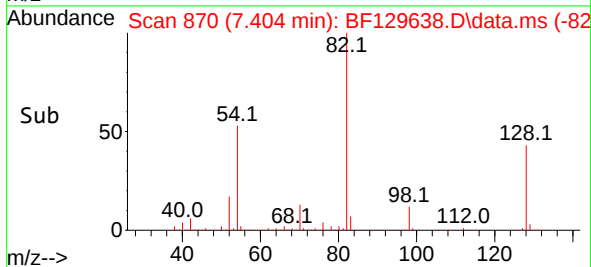
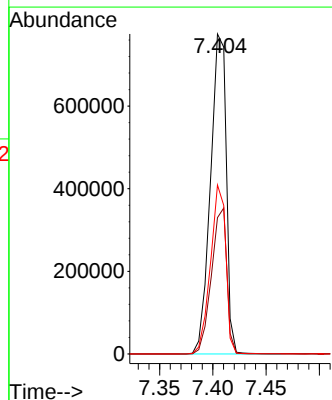
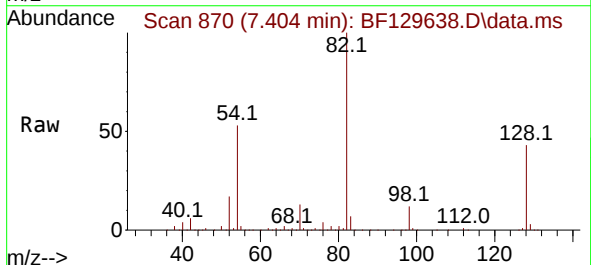
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.2	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 66.847 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

Tgt Ion: 82 Resp: 800841

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	52.8	46.9	70.3

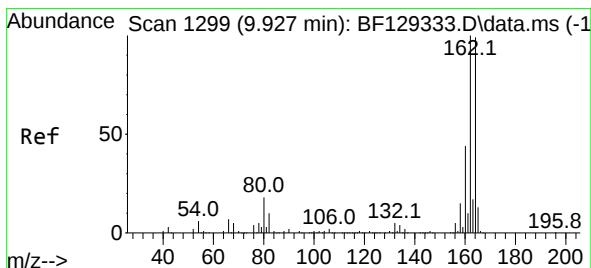
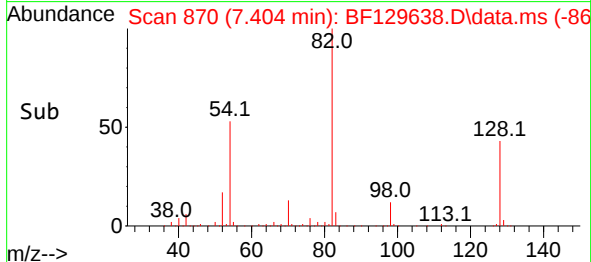
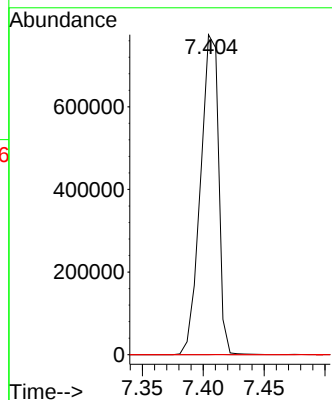
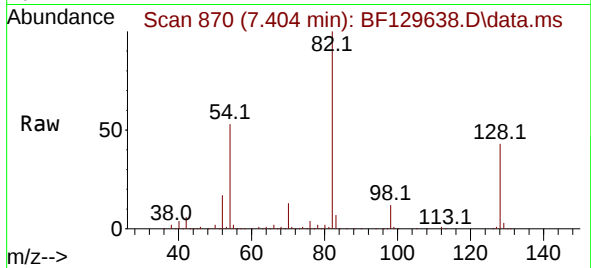




#25
Isophorone
Concen: 37.168 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

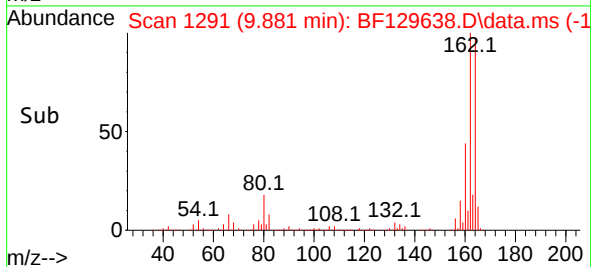
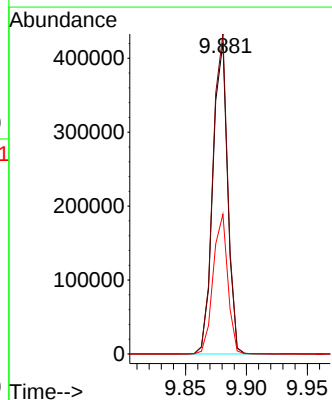
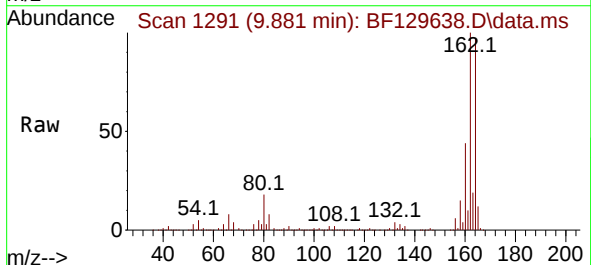
Instrument :
BNA_F
ClientSampleId :
P-5B

Tgt Ion: 82 Resp: 798178
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: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

Tgt Ion:164 Resp: 353989
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 83.712 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129638.D

Acq: 08 Aug 2022 18:49

Instrument :

BNA_F

ClientSampleId :

P-5B

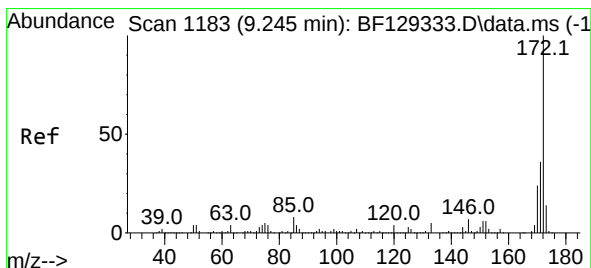
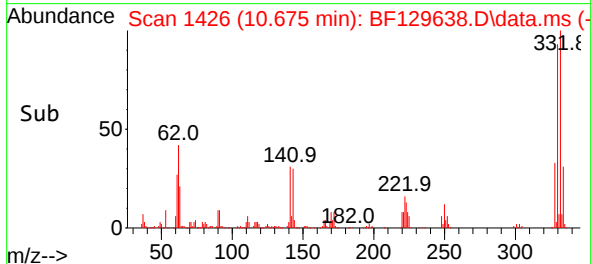
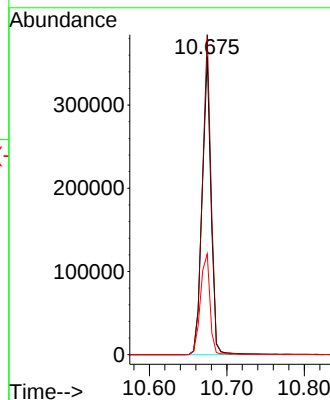
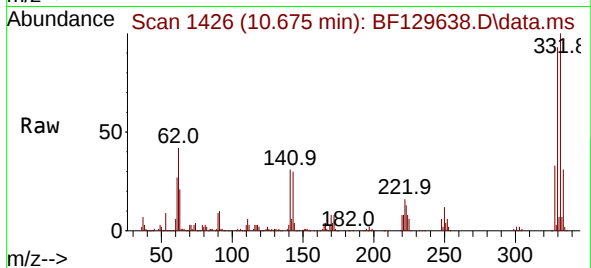
Tgt Ion:330 Resp: 284902

Ion Ratio Lower Upper

330 100

332 106.4 76.8 115.2

141 36.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 65.385 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129638.D

Acq: 08 Aug 2022 18:49

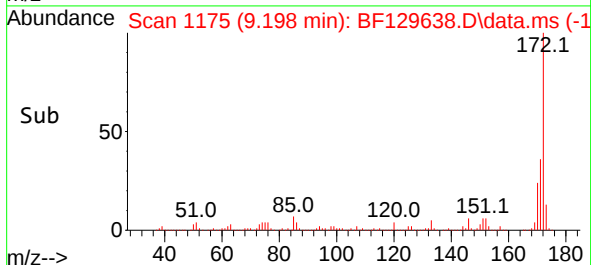
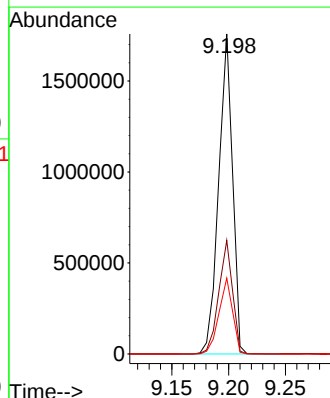
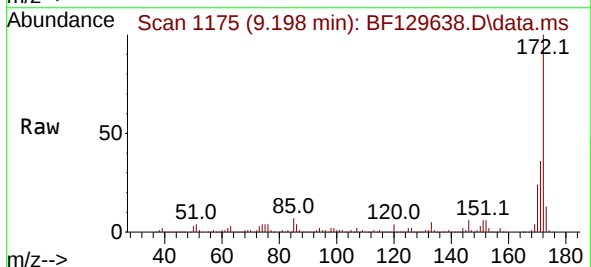
Tgt Ion:172 Resp: 1496200

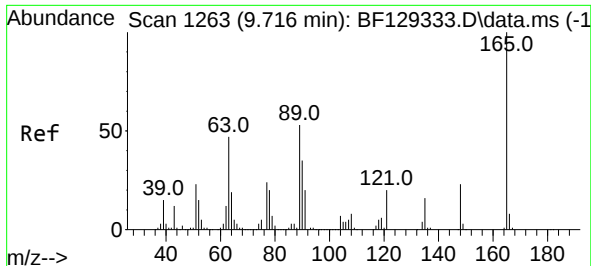
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.7 19.8 29.8

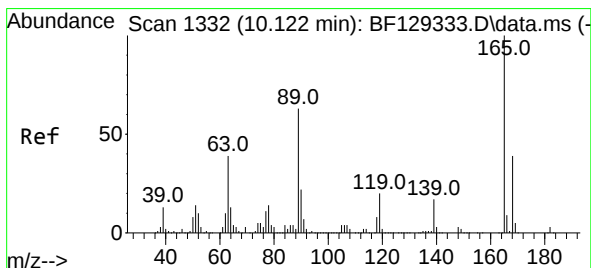
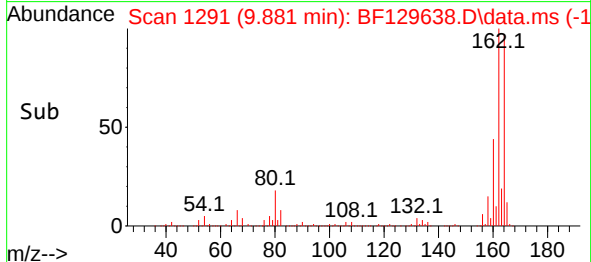
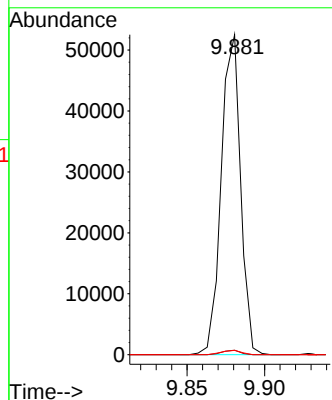
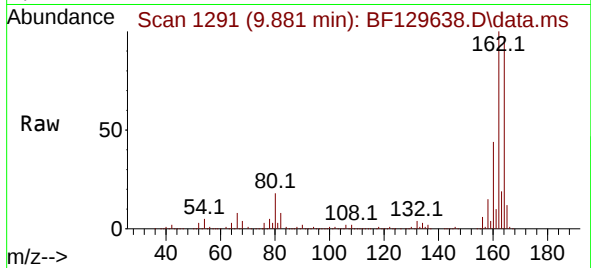




#51
2,6-Dinitrotoluene
Concen: 8.321 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

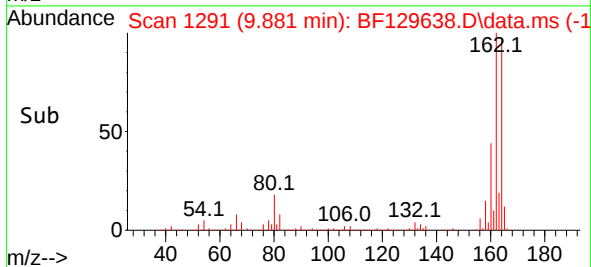
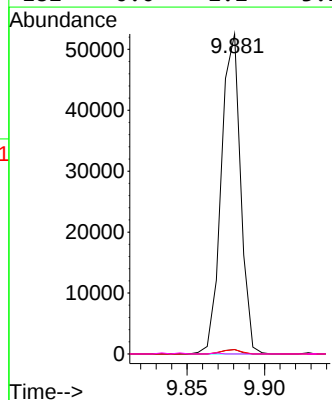
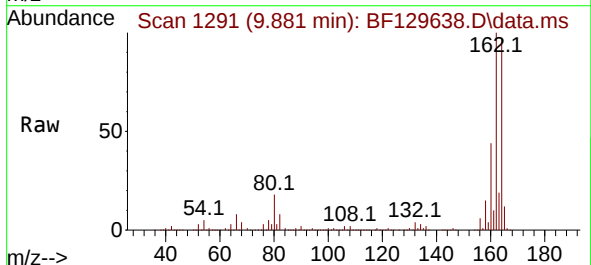
Instrument :
BNA_F
ClientSampleId :
P-5B

Tgt Ion:165 Resp: 45512
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.370 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.206 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

Tgt Ion:165 Resp: 45512
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

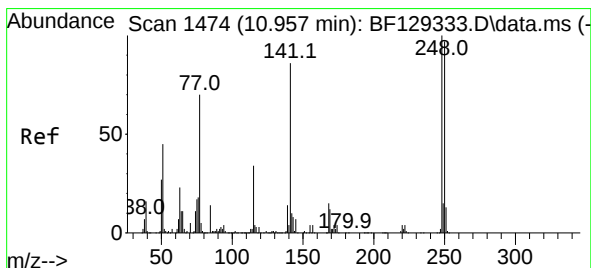
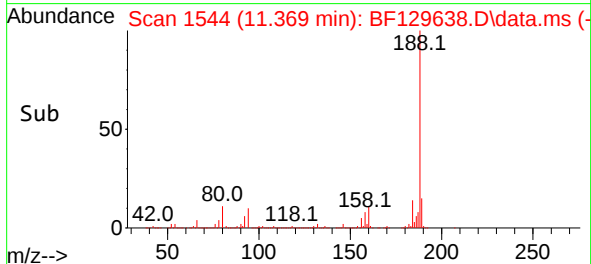
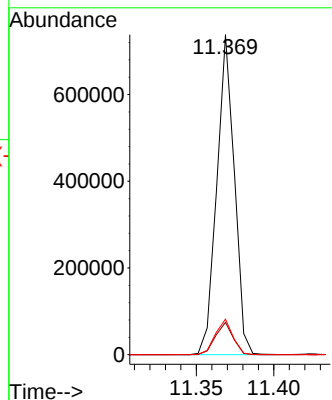
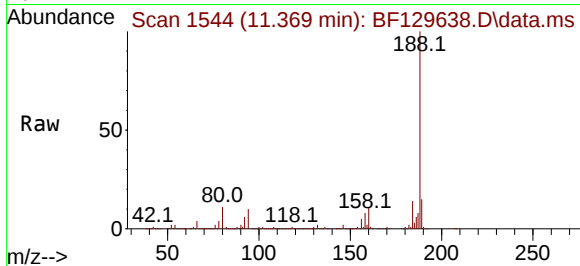




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

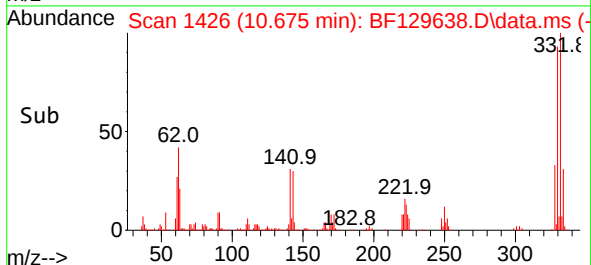
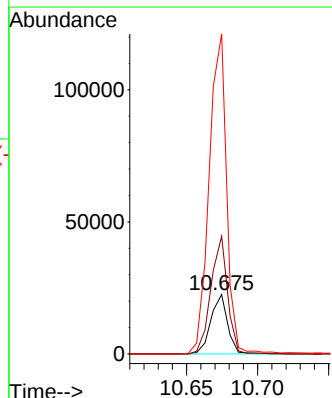
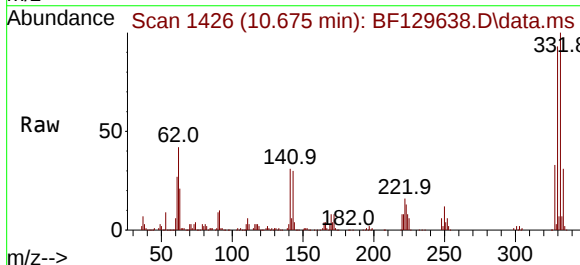
Instrument :
BNA_F
ClientSampleId :
P-5B

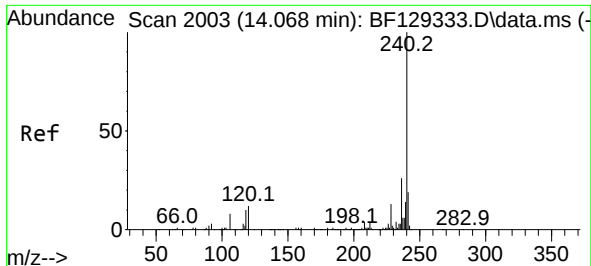
Tgt Ion:188 Resp: 580864
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 11.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.899 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129638.D
Acq: 08 Aug 2022 18:49

Tgt Ion:248 Resp: 18438
Ion Ratio Lower Upper
248 100
250 198.4 80.6 120.8#
141 538.9 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129638.D

Acq: 08 Aug 2022 18:49

Instrument :

BNA_F

ClientSampleId :

P-5B

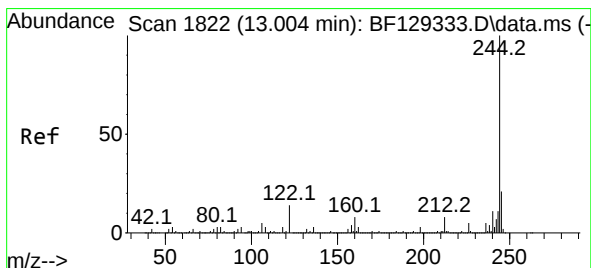
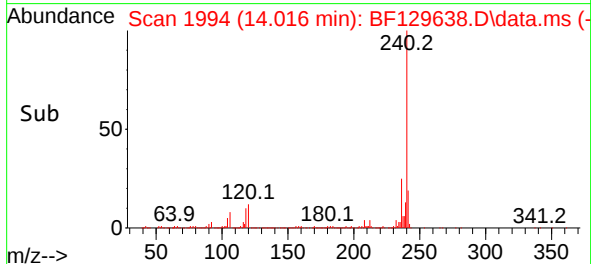
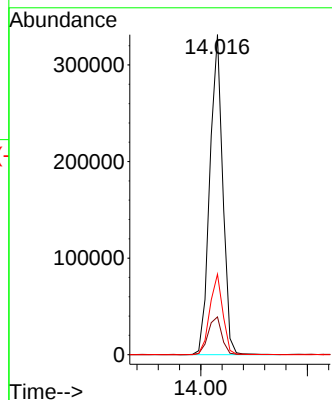
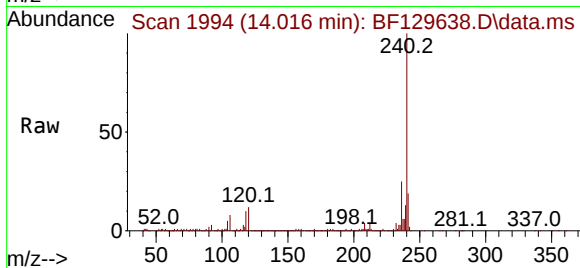
Tgt Ion:240 Resp: 279465

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 25.2 20.8 31.2



#79

Terphenyl-d14

Concen: 92.545 ng

RT: 12.957 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF129638.D

Acq: 08 Aug 2022 18:49

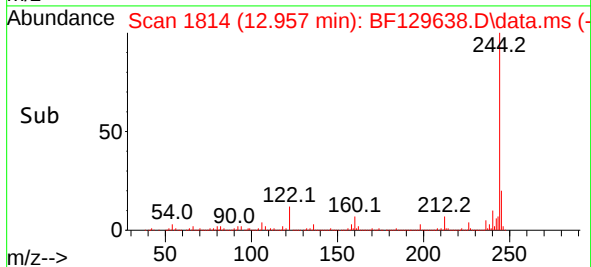
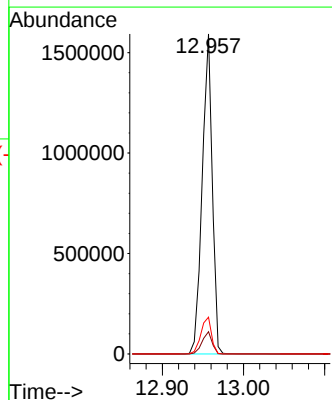
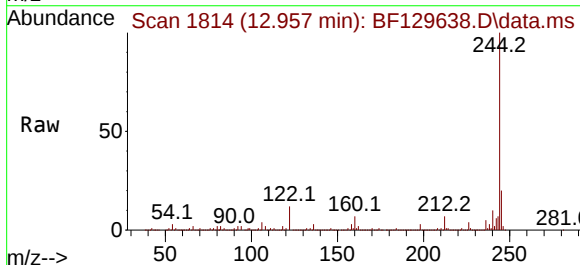
Tgt Ion:244 Resp: 1370892

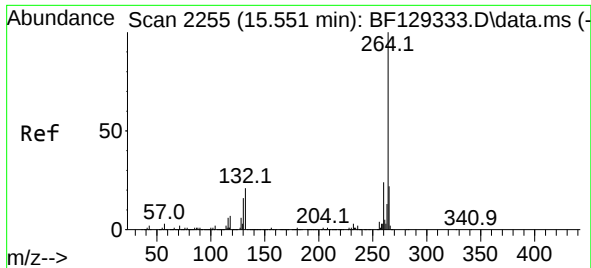
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 11.5 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129638.D
 Acq: 08 Aug 2022 18:49

Instrument :
 BNA_F
 ClientSampleId :
 P-5B

Tgt Ion:264 Resp: 320724
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.4 17.2 25.8

