

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129659.D
 Acq On : 09 Aug 2022 10:38
 Operator : CG\JU
 Sample : PB146816BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146816BL

Quant Time: Aug 09 12:27:14 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)

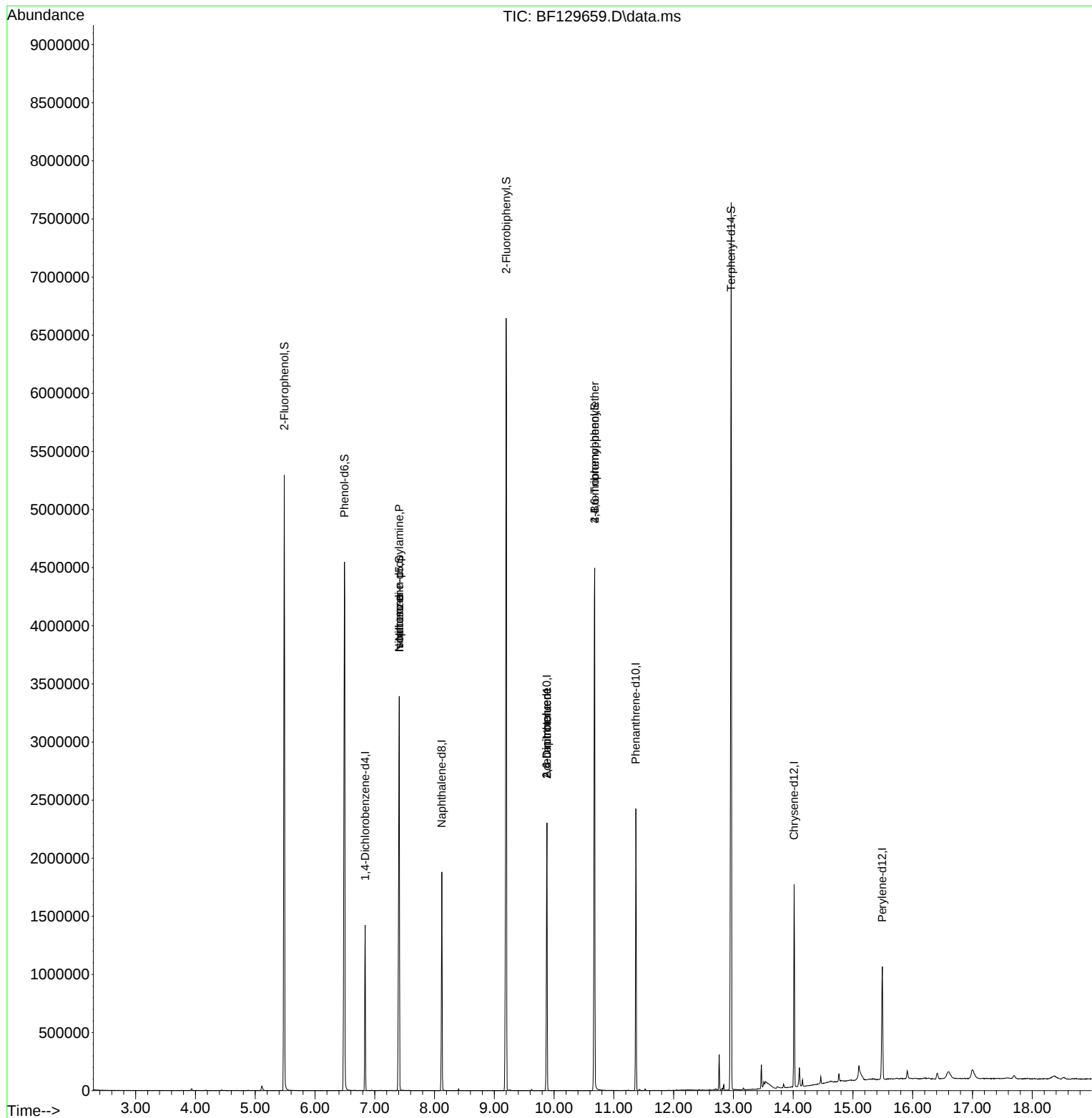
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	197505	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	822405	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	471996	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	823906	20.000	ng	#-0.01
76) Chrysene-d12	14.016	240	556842	20.000	ng	-0.01
86) Perylene-d12	15.492	264	421294	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1538588	126.901	ng	0.00
7) Phenol-d6	6.493	99	1963016	128.811	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1292580	85.797	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	614486	135.412	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2408434	78.936	ng	-0.01
79) Terphenyl-d14	12.963	244	2885467	97.760	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	173393	18.794	ng	# 73
25) Isophorone	7.410	82	1283499	47.528	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	61886	8.486	ng	# 25
57) 2,4-Dinitrotoluene	9.881	165	61886	6.496	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	38199	4.234	ng	# 1

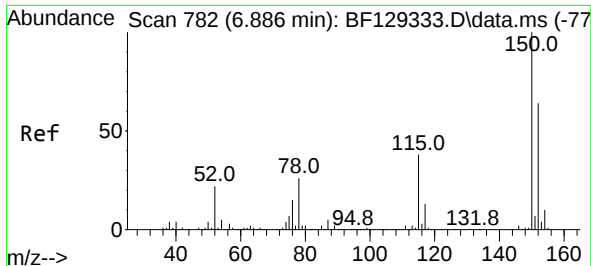
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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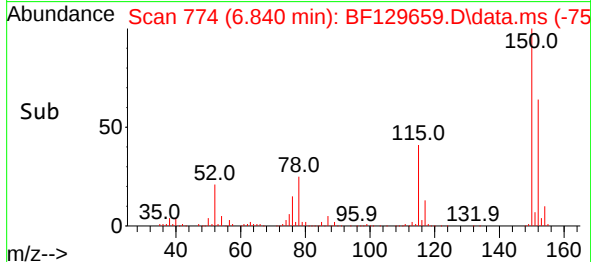
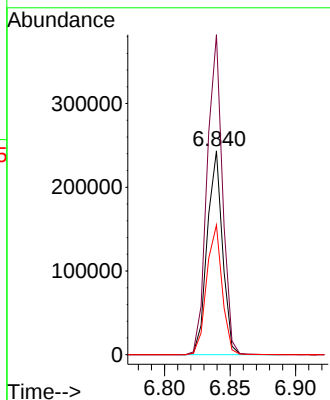
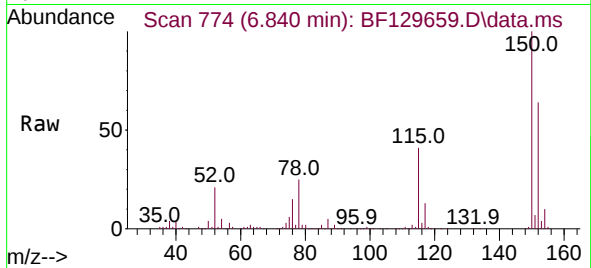




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129659.D
 Acq: 09 Aug 2022 10:38

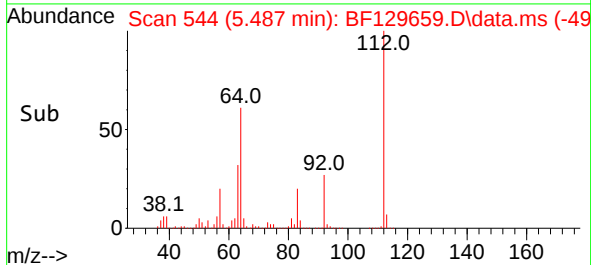
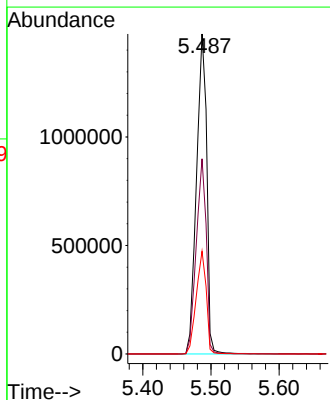
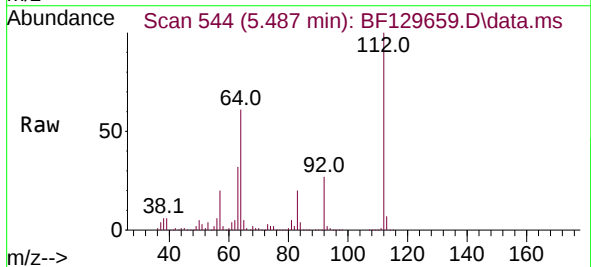
Instrument :
 BNA_F
 ClientSampleId :
 PB146816BL

Tgt Ion:152 Resp: 197505
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.7 185.5
 115 63.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 126.901 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129659.D
 Acq: 09 Aug 2022 10:38

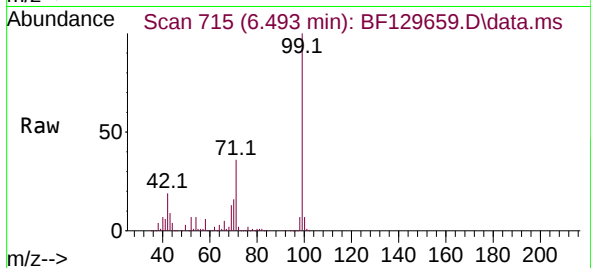
Tgt Ion:112 Resp: 1538588
 Ion Ratio Lower Upper
 112 100
 64 61.0 53.3 79.9
 63 32.1 28.0 42.0





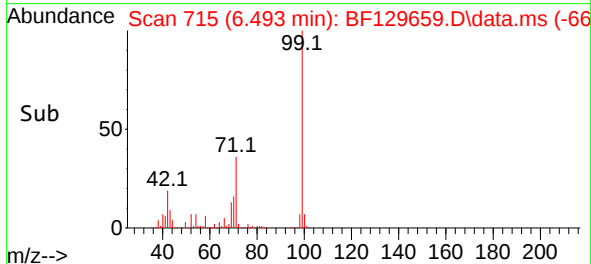
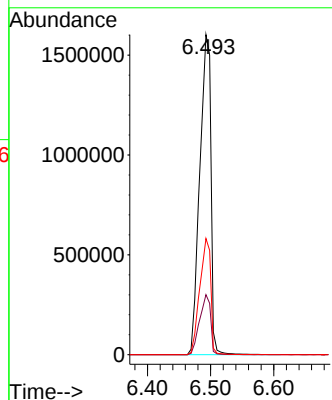
#7
Phenol-d6
Concen: 128.811 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Instrument :
BNA_F
ClientSampleId :
PB146816BL



Tgt Ion: 99 Resp: 1963016

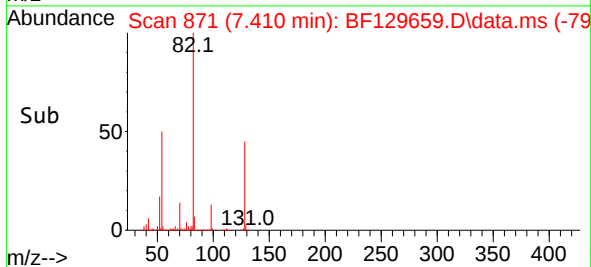
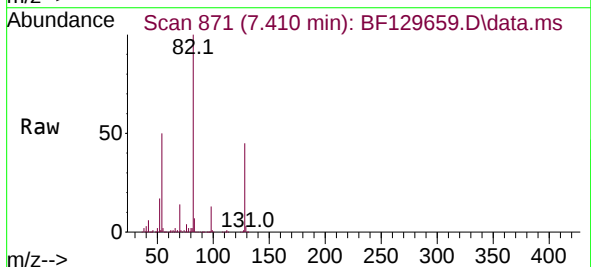
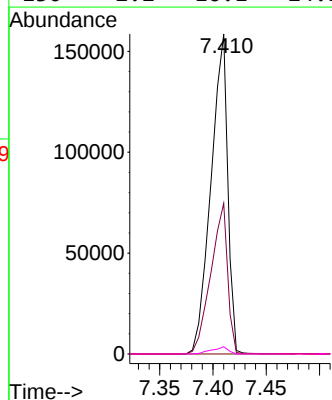
Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.3	25.9
71	36.3	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.794 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Tgt Ion: 70 Resp: 173393

Ion	Ratio	Lower	Upper
70	100		
42	47.1	52.3	78.5#
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#



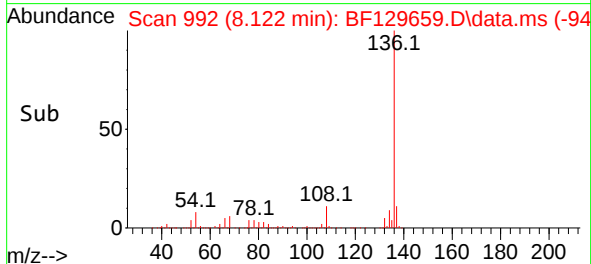
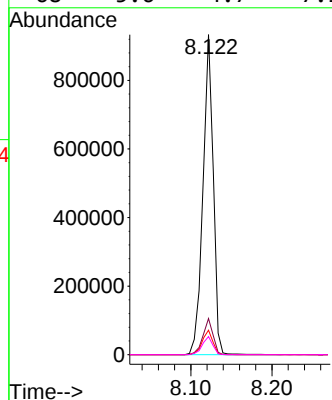
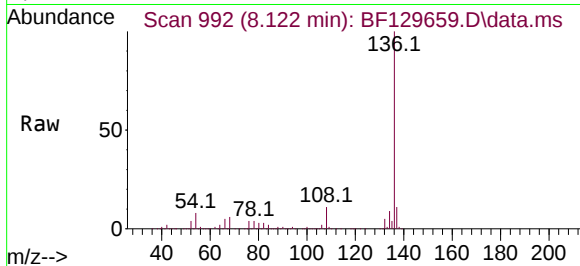


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Instrument :
BNA_F
ClientSampleId :
PB146816BL

Tgt Ion:136 Resp: 822405

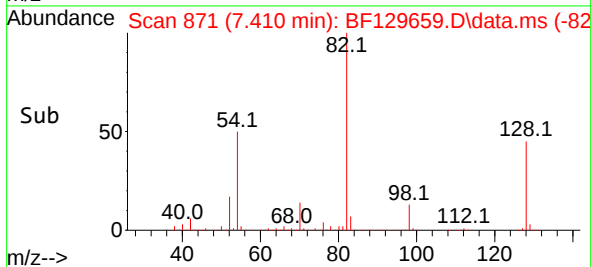
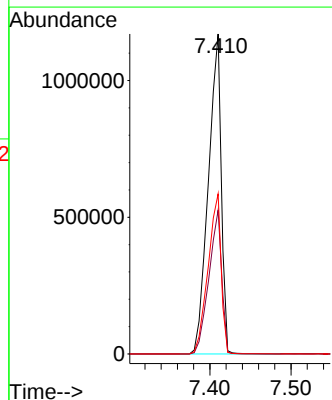
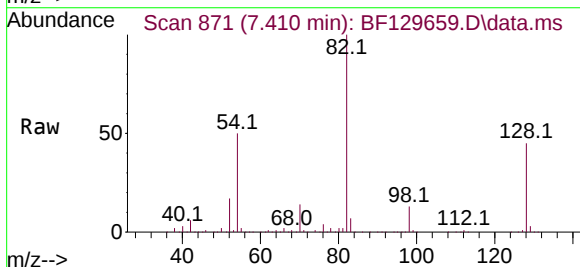
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.7	7.5	11.3
68	5.6	4.7	7.1



#23
Nitrobenzene-d5
Concen: 85.797 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Tgt Ion: 82 Resp: 1292580

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	50.0	46.9	70.3

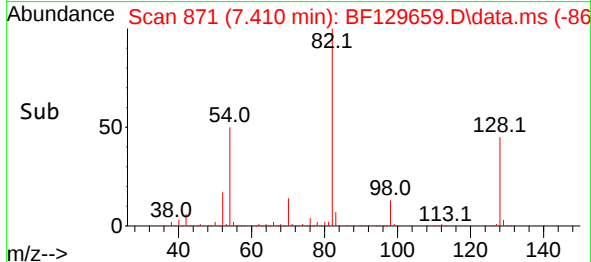
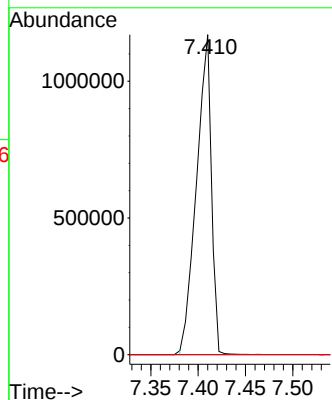
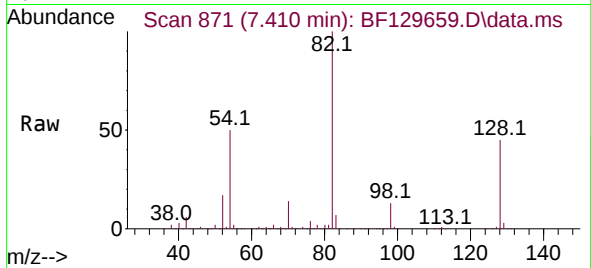




#25
Isophorone
Concen: 47.528 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

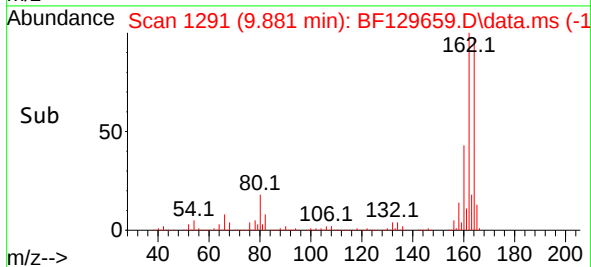
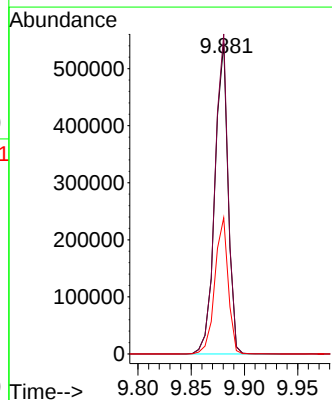
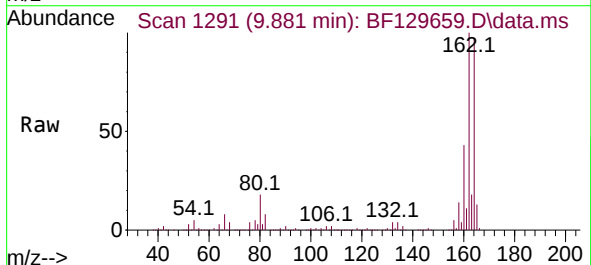
Instrument :
BNA_F
ClientSampleId :
PB146816BL

Tgt Ion: 82 Resp: 1283499
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: BF129659.D
Acq: 09 Aug 2022 10:38

Tgt Ion: 164 Resp: 471996
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 135.412 ng

RT: 10.680 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129659.D

Acq: 09 Aug 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB146816BL

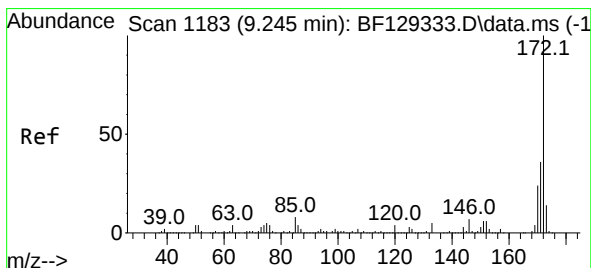
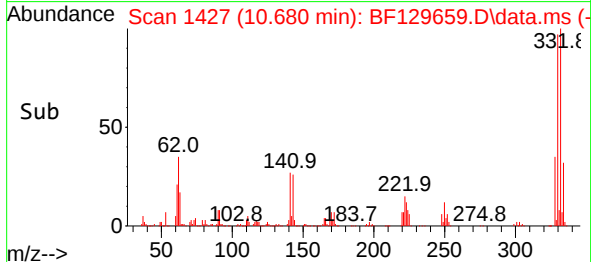
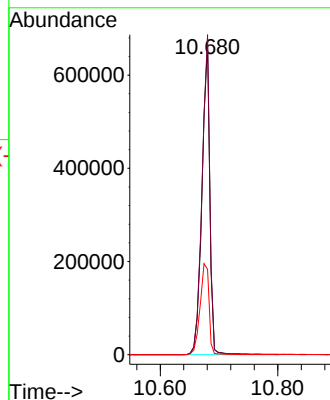
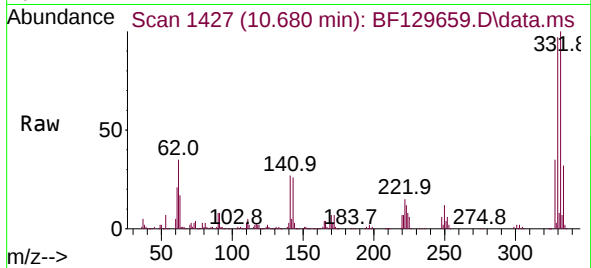
Tgt Ion:330 Resp: 614486

Ion Ratio Lower Upper

330 100

332 102.5 76.8 115.2

141 33.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.936 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129659.D

Acq: 09 Aug 2022 10:38

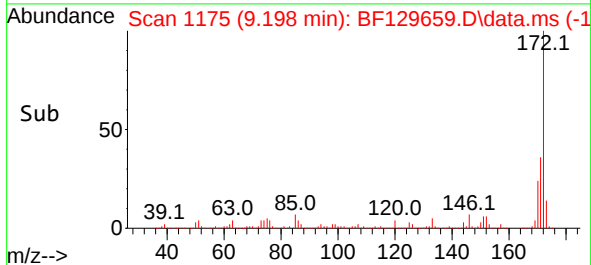
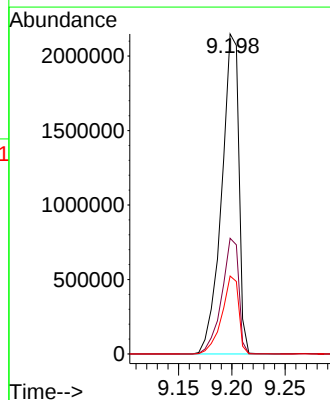
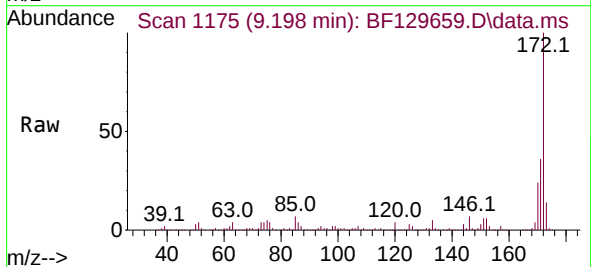
Tgt Ion:172 Resp: 2408434

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.3 19.8 29.8

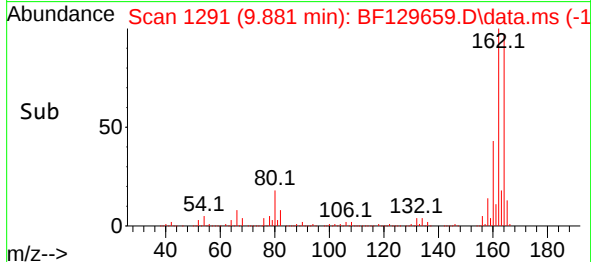
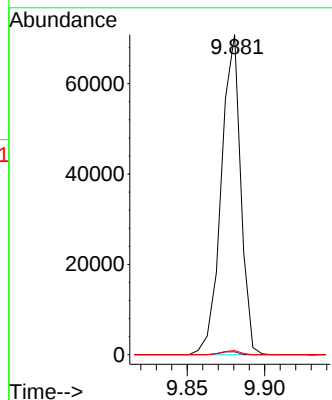
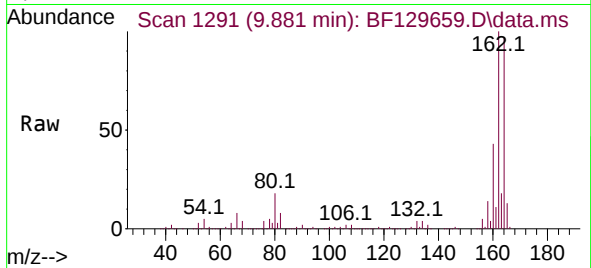




#51
2,6-Dinitrotoluene
Concen: 8.486 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

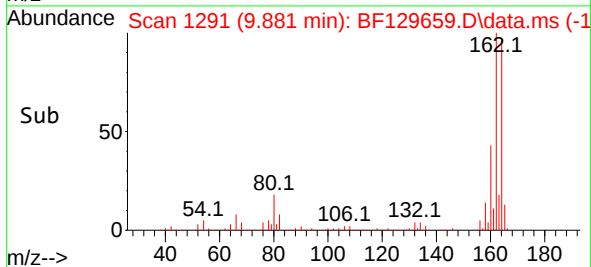
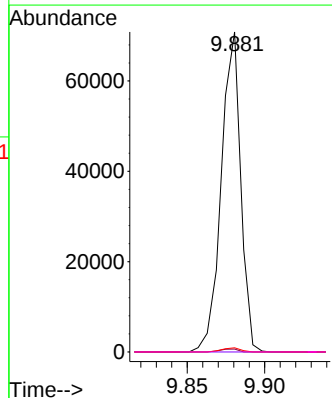
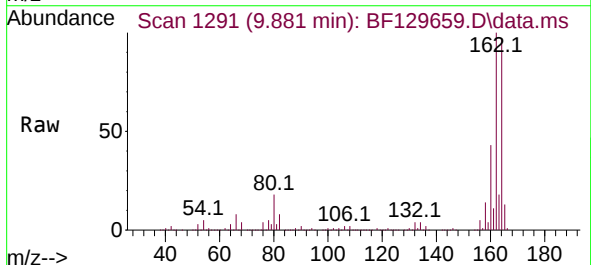
Instrument :
BNA_F
ClientSampleId :
PB146816BL

Tgt Ion:165 Resp: 61886
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.496 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.206 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Tgt Ion:165 Resp: 61886
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

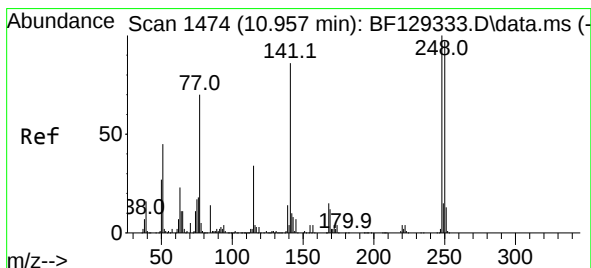
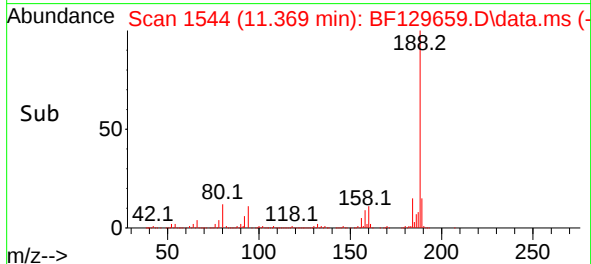
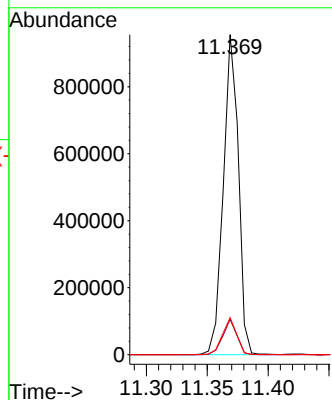
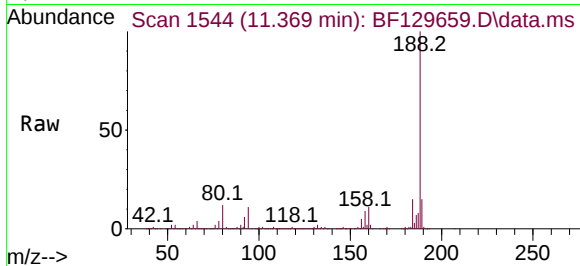




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

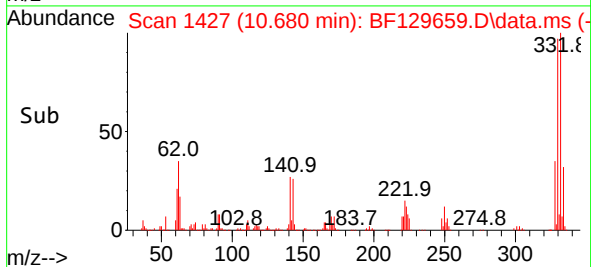
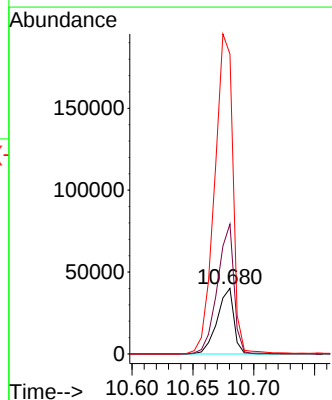
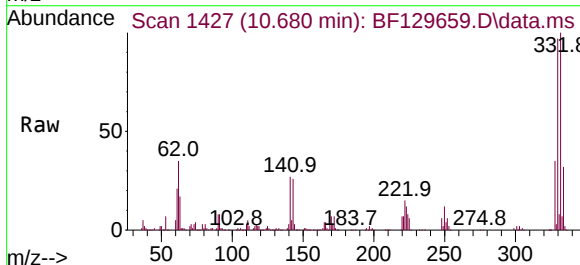
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BNA_F
ClientSampleId :
PB146816BL

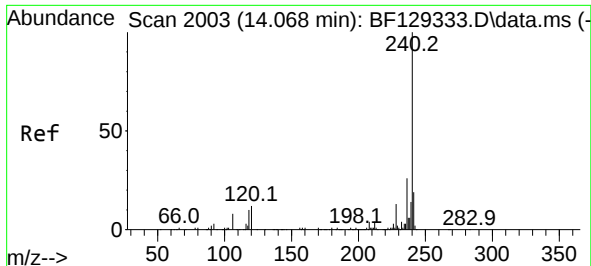
Tgt Ion:188 Resp: 823906
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.6 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.234 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Tgt Ion:248 Resp: 38199
Ion Ratio Lower Upper
248 100
250 198.2 80.6 120.8#
141 457.4 58.9 88.3#

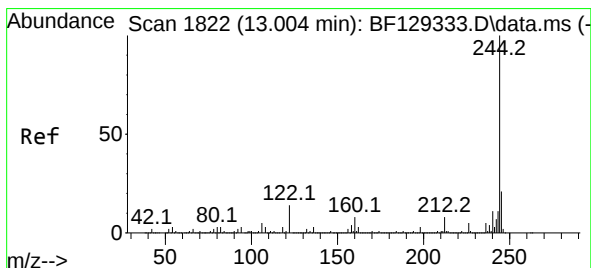
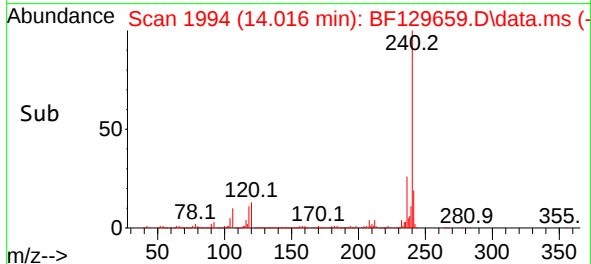
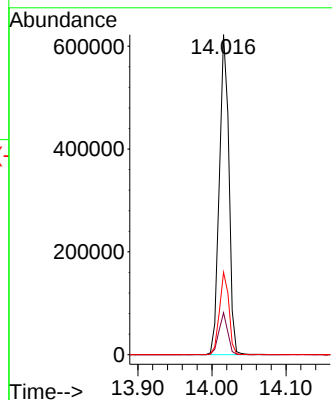
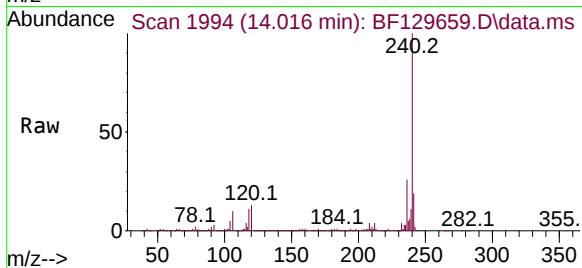




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

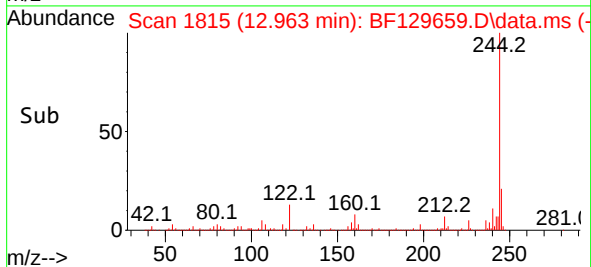
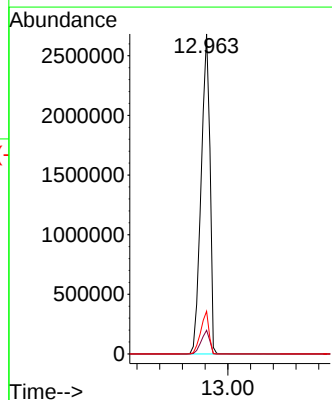
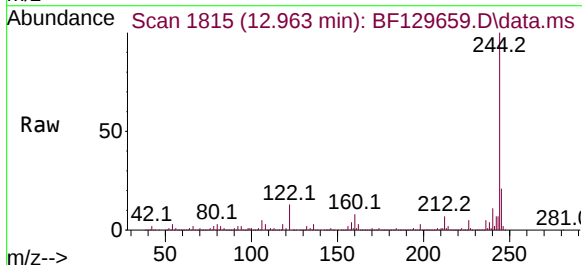
Instrument :
BNA_F
ClientSampleId :
PB146816BL

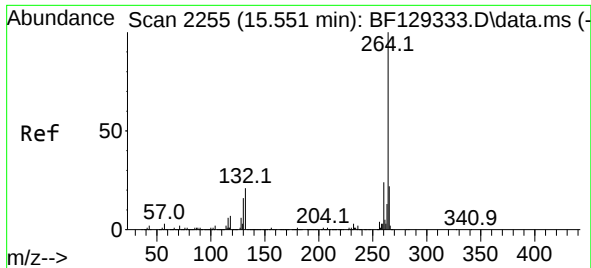
Tgt Ion:240 Resp: 556842
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 97.760 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

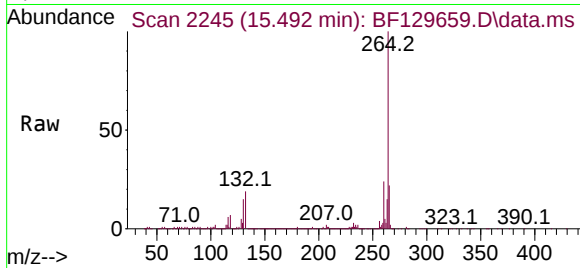
Tgt Ion:244 Resp: 2885467
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 13.4 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129659.D
Acq: 09 Aug 2022 10:38

Instrument :
BNA_F
ClientSampleId :
PB146816BL



Tgt Ion:264 Resp: 421294

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.6	17.2	25.8

