

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129670.D
 Acq On : 09 Aug 2022 17:08
 Operator : CG\JU
 Sample : N4061-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP3-0804

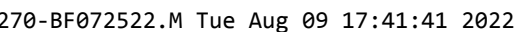
Quant Time: Aug 09 17:41:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	188885	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	756495	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	403176	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	695208	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	543994	20.000	ng	-0.01
86) Perylene-d12	15.492	264	462841	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1272098	109.709	ng	0.02
7) Phenol-d6	6.492	99	1447558	99.322	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1204105	86.888	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	561956	144.975	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	2195345	84.233	ng	-0.01
79) Terphenyl-d14	12.963	244	2476439	85.883	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	163039	18.478	ng	# 72
25) Isophorone	7.410	82	1198682	48.255	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	52897	8.491	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	52897	6.500	ng	# 21
67) 4-Bromophenyl-phenylether	10.674	248	34897	4.584	ng	# 1

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

Quant Time: Aug 09 17:41:32 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

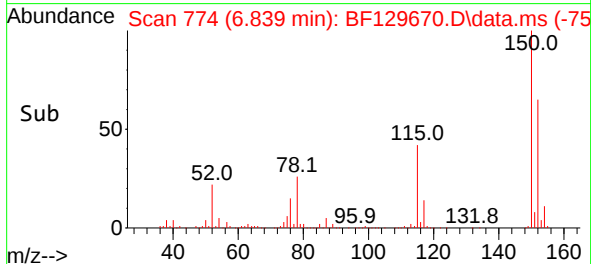
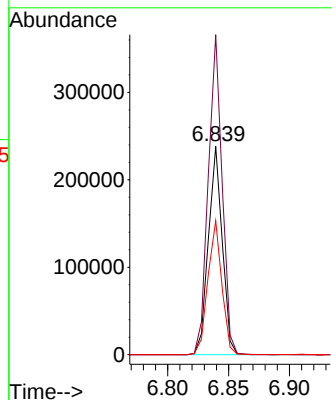
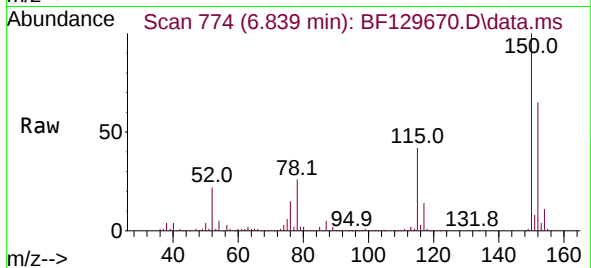




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129670.D
 Acq: 09 Aug 2022 17:08

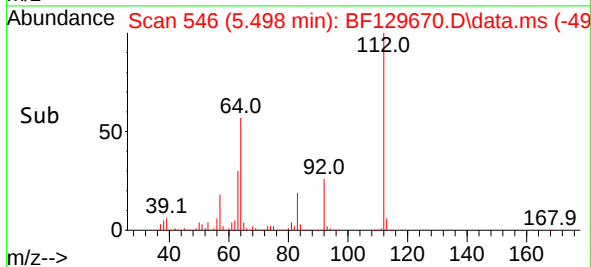
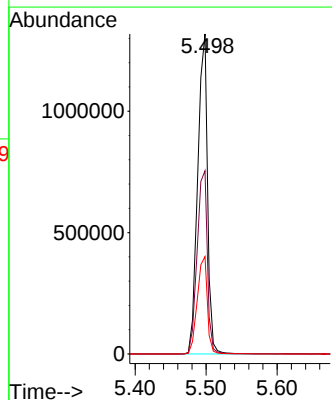
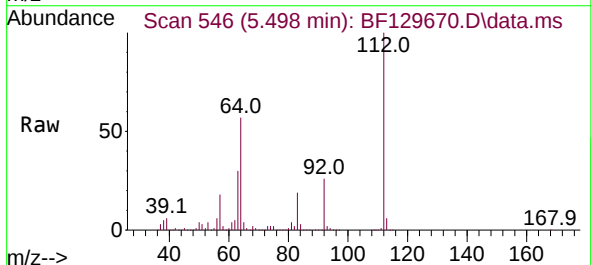
Instrument :
 BNA_F
 ClientSampleId :
 COMP3-0804

Tgt Ion:152 Resp: 188885
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.7 185.5
 115 64.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 109.709 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.017 min
 Lab File: BF129670.D
 Acq: 09 Aug 2022 17:08

Tgt Ion:112 Resp: 1272098
 Ion Ratio Lower Upper
 112 100
 64 57.2 53.3 79.9
 63 30.4 28.0 42.0

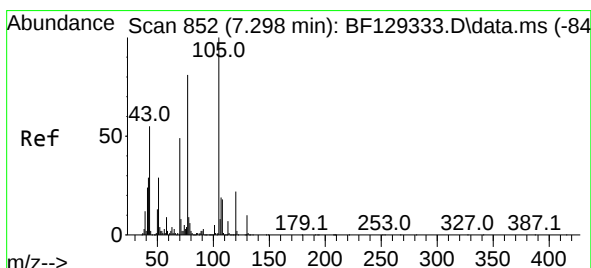
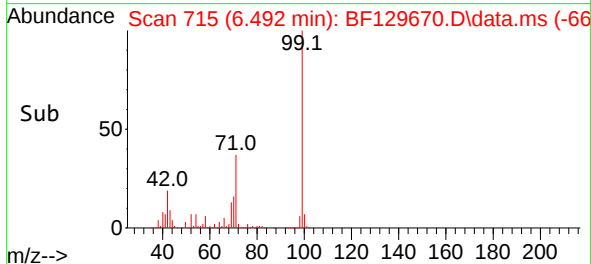
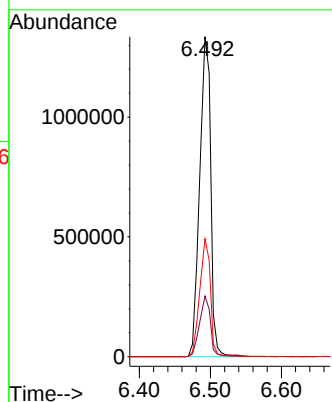
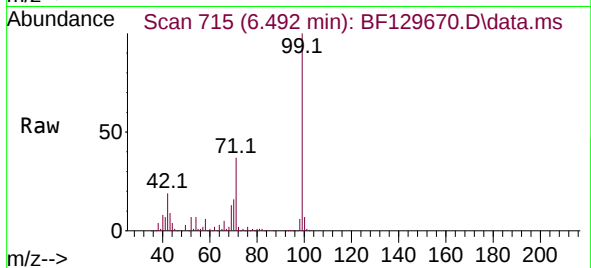




#7
Phenol-d6
Concen: 99.322 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129670.D
Acq: 09 Aug 2022 17:08

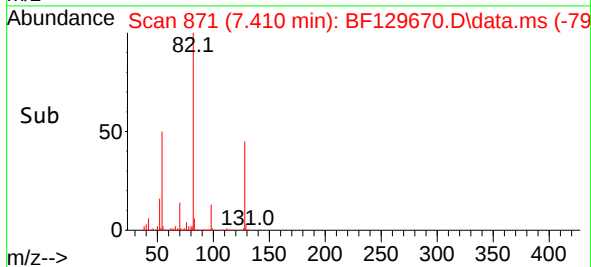
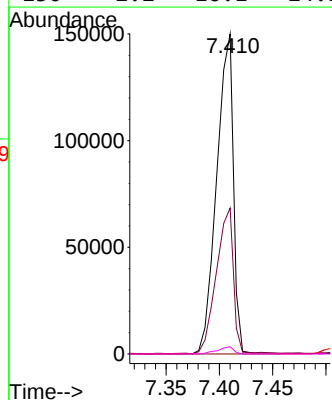
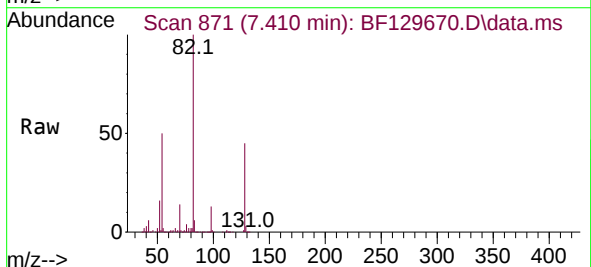
Instrument :
BNA_F
ClientSampleId :
COMP3-0804

Tgt Ion: 99 Resp: 1447558
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.478 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129670.D
Acq: 09 Aug 2022 17:08

Tgt Ion: 70 Resp: 163039
Ion Ratio Lower Upper
70 100
42 45.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



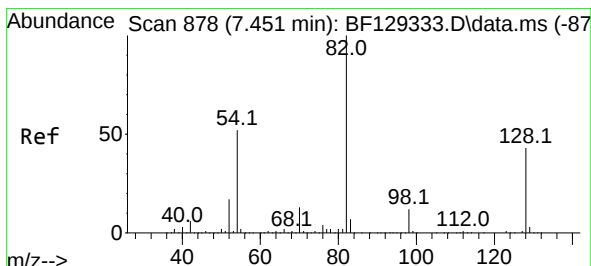
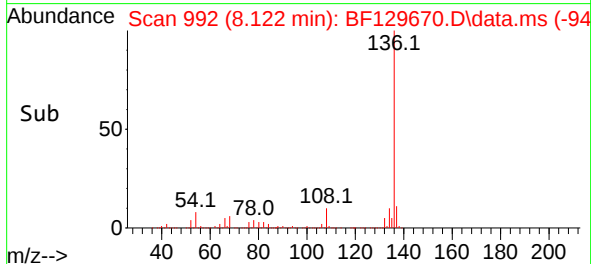
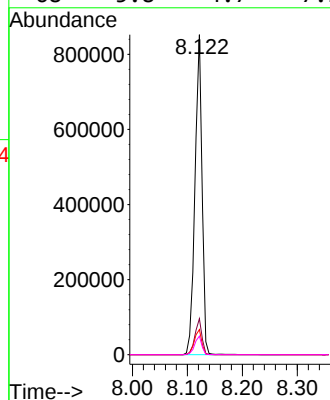
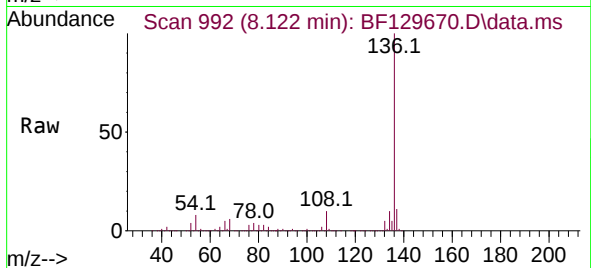


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129670.D
Acq: 09 Aug 2022 17:08

Instrument :
BNA_F
ClientSampleId :
COMP3-0804

Tgt Ion:136 Resp: 756495

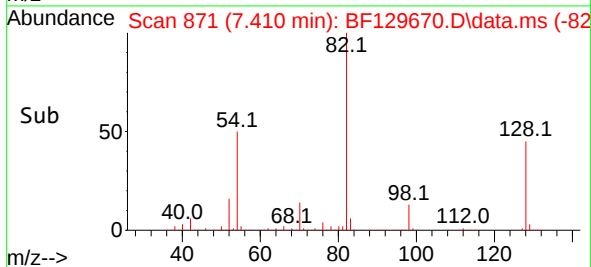
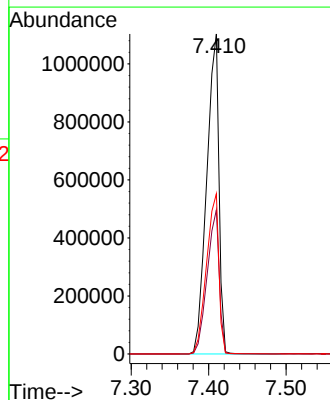
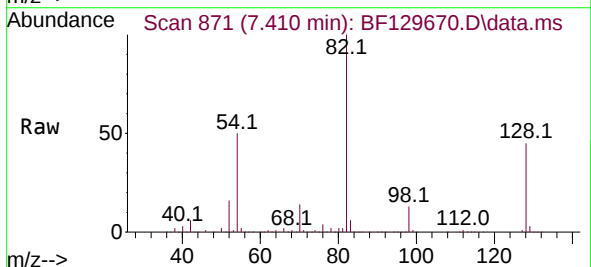
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.9	7.5	11.3
68	5.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 86.888 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129670.D
Acq: 09 Aug 2022 17:08

Tgt Ion: 82 Resp: 1204105

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	50.1	46.9	70.3

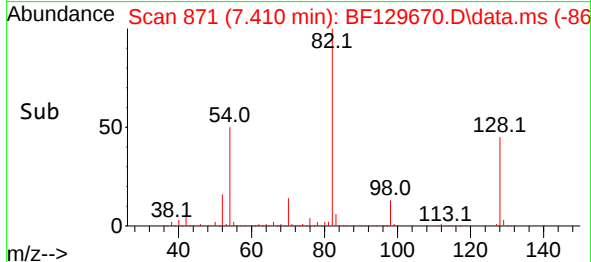
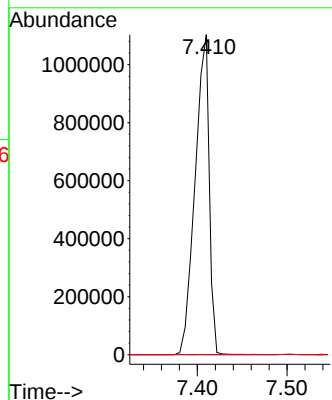
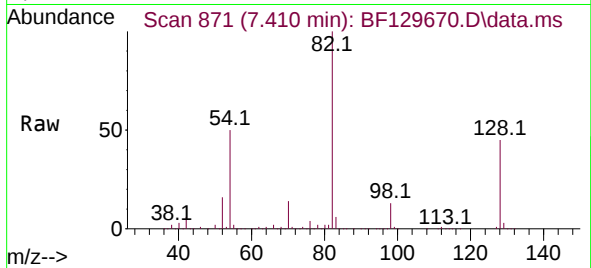




#25
Isophorone
Concen: 48.255 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129670.D
Acq: 09 Aug 2022 17:08

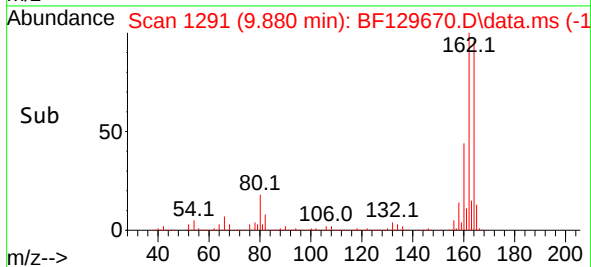
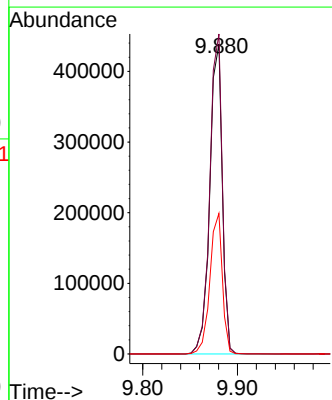
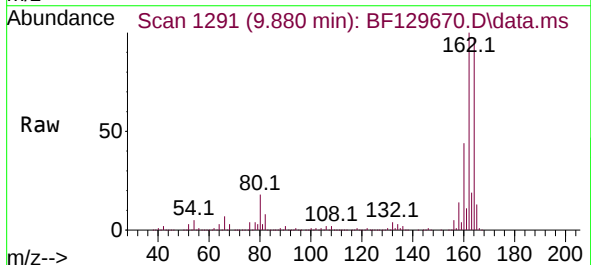
Instrument :
BNA_F
ClientSampleId :
COMP3-0804

Tgt Ion: 82 Resp: 1198682
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: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129670.D
Acq: 09 Aug 2022 17:08

Tgt Ion:164 Resp: 403176
Ion Ratio Lower Upper
164 100
162 103.3 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 144.975 ng

RT: 10.674 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129670.D

Acq: 09 Aug 2022 17:08

Instrument :

BNA_F

ClientSampleId :

COMP3-0804

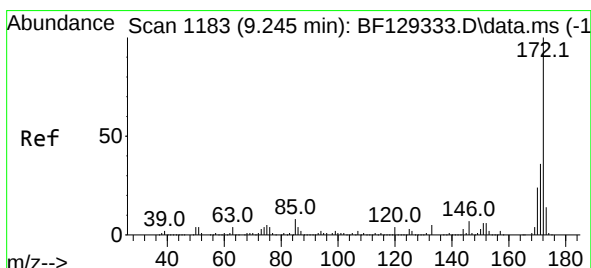
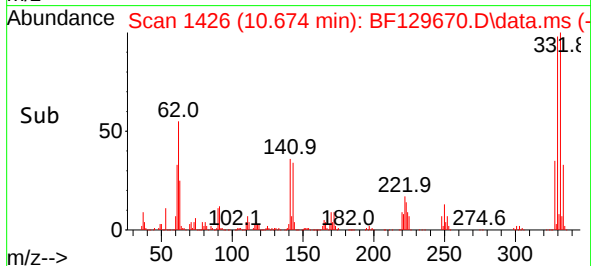
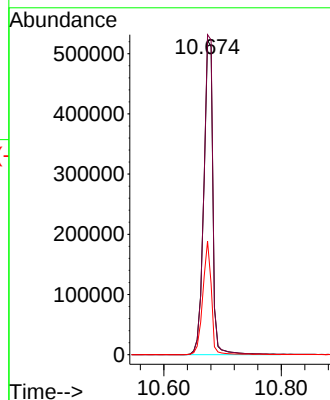
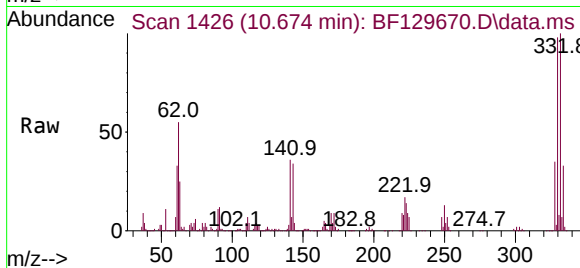
Tgt Ion:330 Resp: 561956

Ion Ratio Lower Upper

330 100

332 101.0 76.8 115.2

141 34.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.233 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129670.D

Acq: 09 Aug 2022 17:08

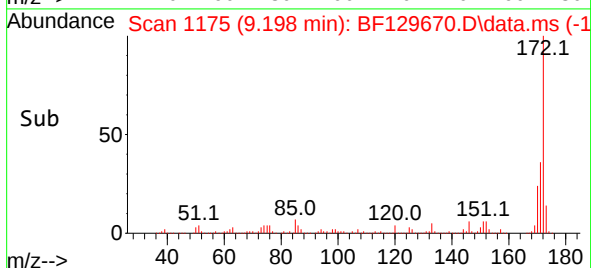
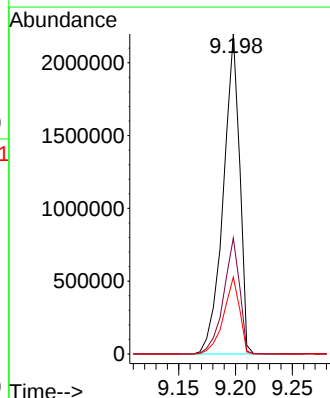
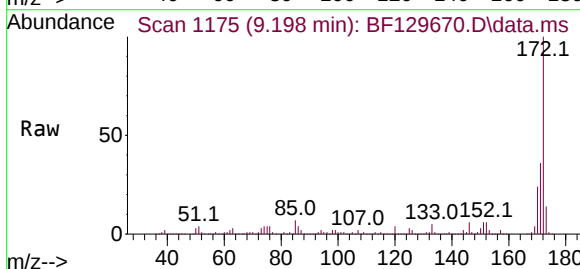
Tgt Ion:172 Resp: 2195345

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.0 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.491 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129670.D

Acq: 09 Aug 2022 17:08

Instrument :

BNA_F

ClientSampleId :

COMP3-0804

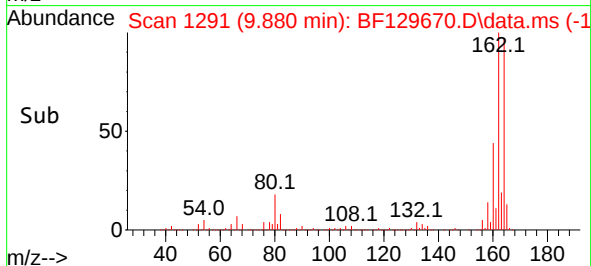
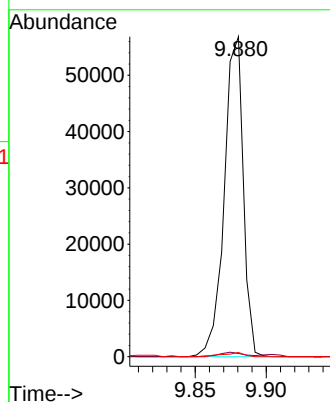
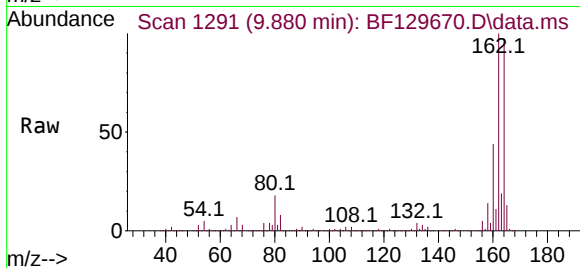
Tgt Ion:165 Resp: 52897

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.500 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129670.D

Acq: 09 Aug 2022 17:08

Tgt Ion:165 Resp: 52897

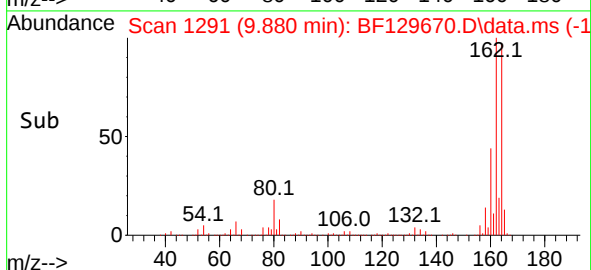
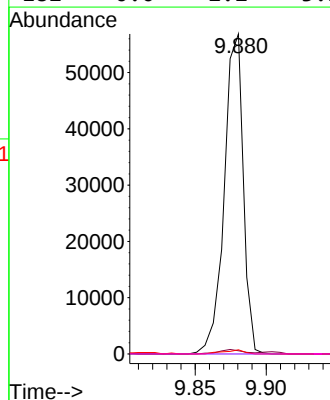
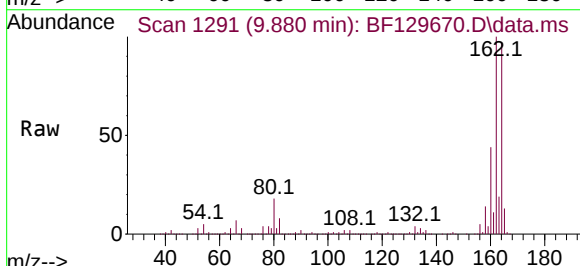
Ion Ratio Lower Upper

165 100

63 1.0 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# 1

Delta R.T. -0.012 min

Lab File: BF129670.D

Acq: 09 Aug 2022 17:08

Instrument :

BNA_F

ClientSampleId :

COMP3-0804

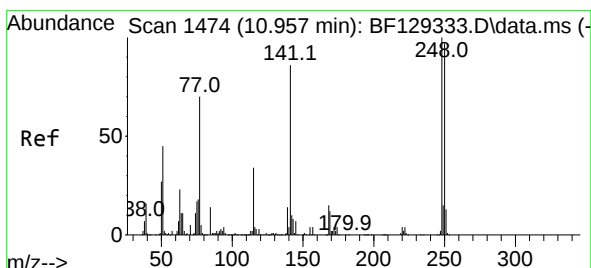
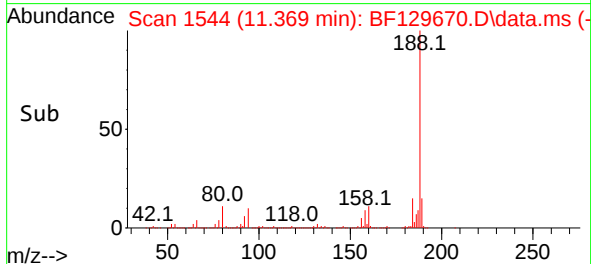
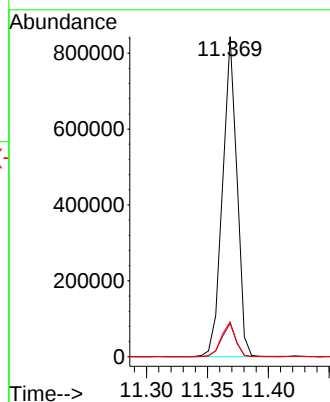
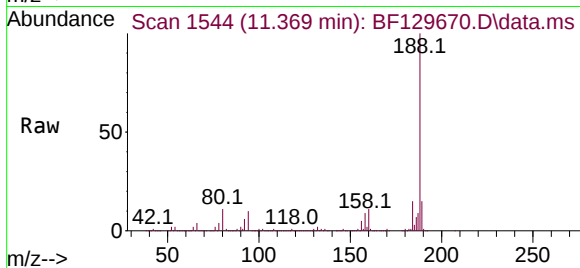
Tgt Ion:188 Resp: 695208

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 10.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.584 ng

RT: 10.674 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF129670.D

Acq: 09 Aug 2022 17:08

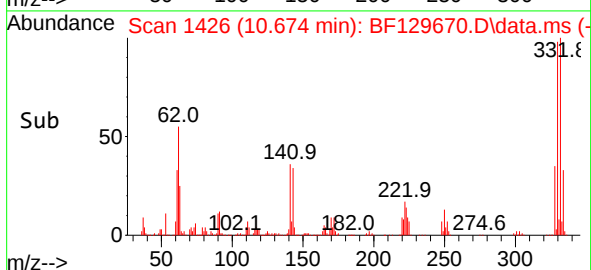
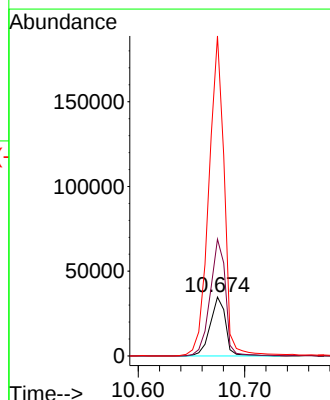
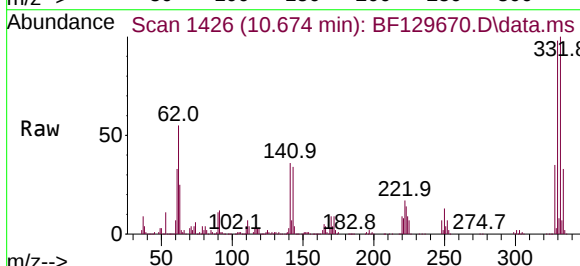
Tgt Ion:248 Resp: 34897

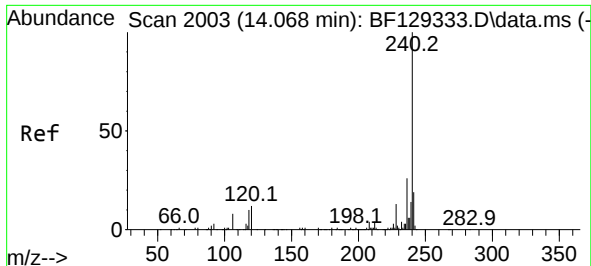
Ion Ratio Lower Upper

248 100

250 198.3 80.6 120.8#

141 543.4 58.9 88.3#

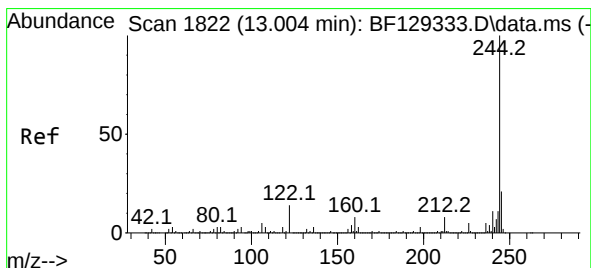
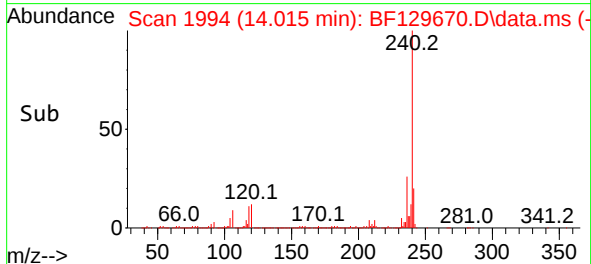
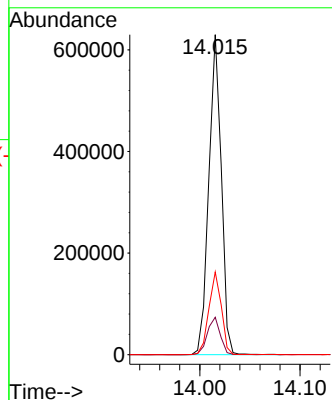
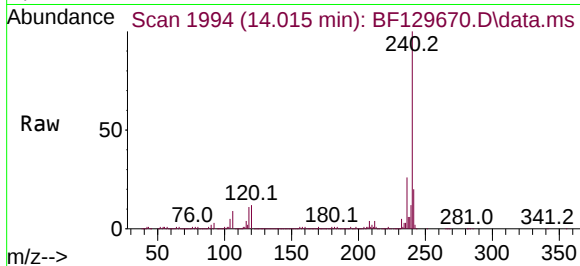




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF129670.D
Acq: 09 Aug 2022 17:08

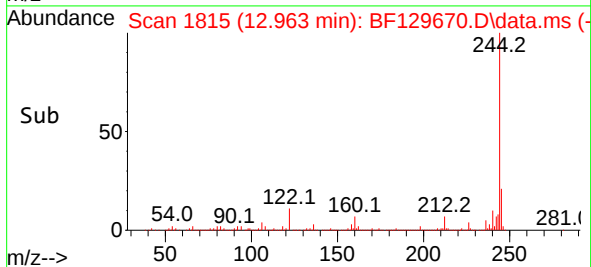
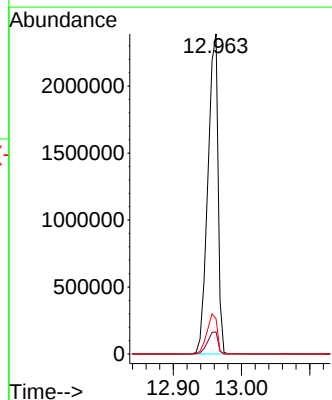
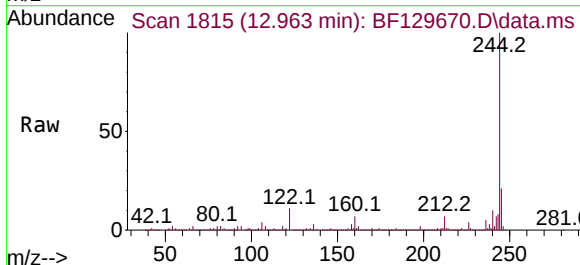
Instrument :
BNA_F
ClientSampleId :
COMP3-0804

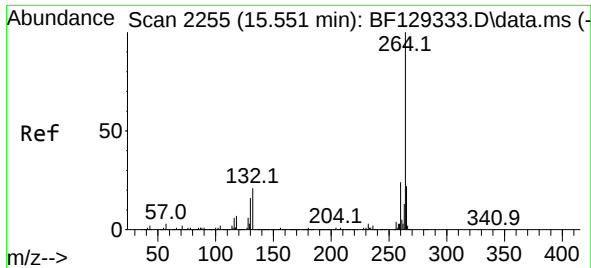
Tgt Ion:240 Resp: 543994
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 85.883 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF129670.D
Acq: 09 Aug 2022 17:08

Tgt Ion:244 Resp: 2476439
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 11.0 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: BF129670.D
Acq: 09 Aug 2022 17:08

Instrument :
BNA_F
ClientSampleId :
COMP3-0804

Tgt Ion:264 Resp: 462841

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.0	17.2	25.8

