

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129199.D
 Acq On : 12 Jul 2022 20:29
 Operator : CG\JU
 Sample : N3641-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-070822

Quant Time: Jul 13 01:58:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

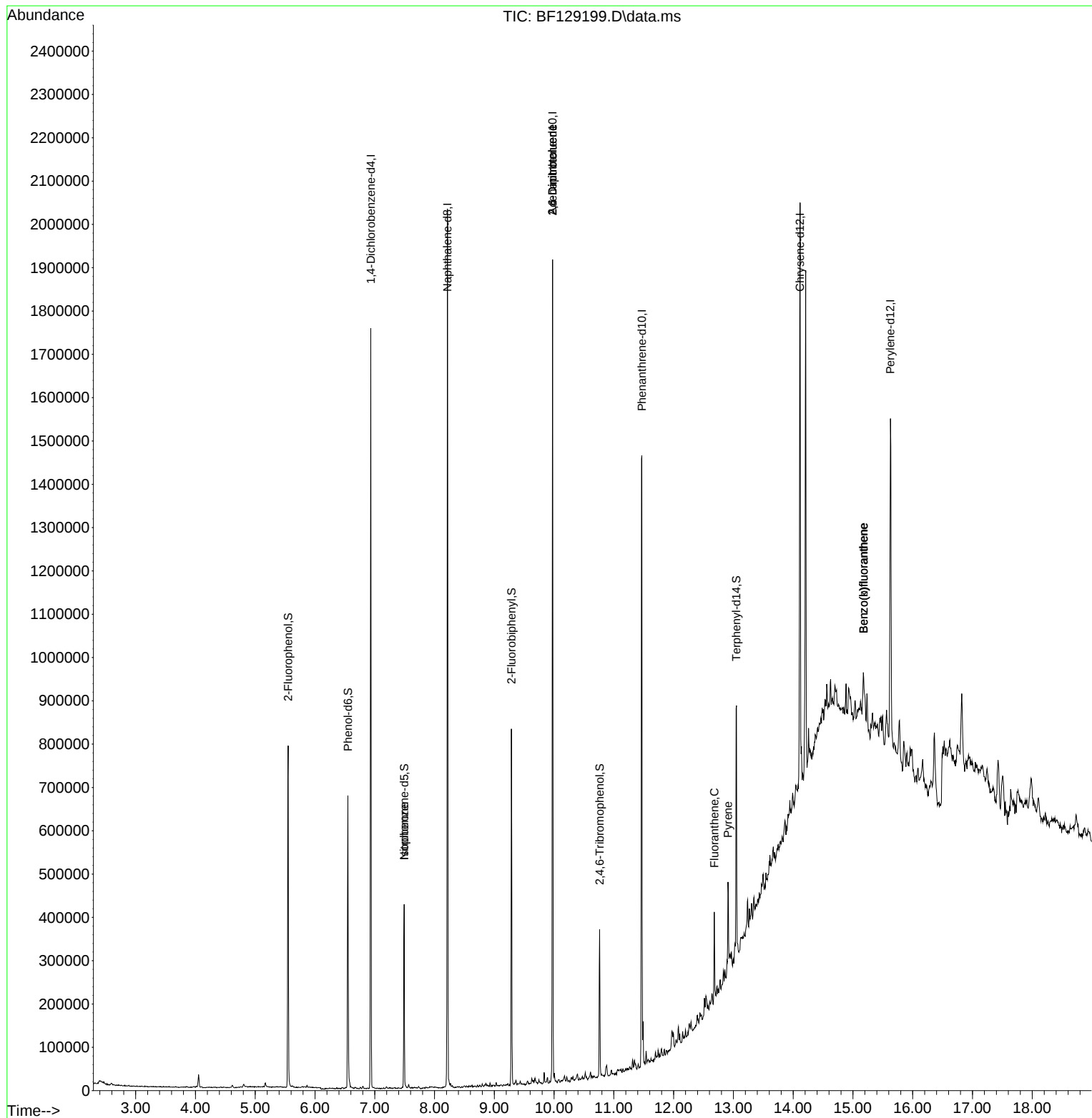
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	232919	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	816413	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	337719	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	528098	20.000	ng	0.00
76) Chrysene-d12	14.115	240	441508	20.000	ng	0.00
86) Perylene-d12	15.627	264	336427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	213494	15.496	ng	-0.01
7) Phenol-d6	6.551	99	209061	12.218	ng	-0.02
23) Nitrobenzene-d5	7.492	82	123983	9.058	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	37098	10.102	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	229130	10.854	ng	-0.01
79) Terphenyl-d14	13.051	244	208934	9.827	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	450	Below Cal	#	33
25) Isophorone	7.492	82	122159	5.281	ng	# 65
51) 2,6-Dinitrotoluene	9.974	165	44857	10.390	ng	# 25
57) 2,4-Dinitrotoluene	9.974	165	44857	8.416	ng	# 21
75) Fluoranthene	12.680	202	71606	2.714	ng	97
78) Pyrene	12.910	202	75937	2.481	ng	98
88) Benzo(b)fluoranthene	15.180	252	51814	2.561	ng	# 62
89) Benzo(k)fluoranthene	15.180	252	51814	2.640	ng	# 62

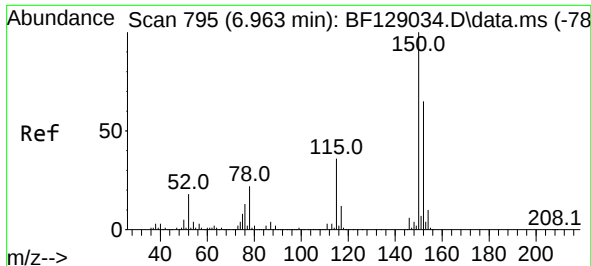
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129199.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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CL-01-070822

Quant Time: Jul 13 01:58:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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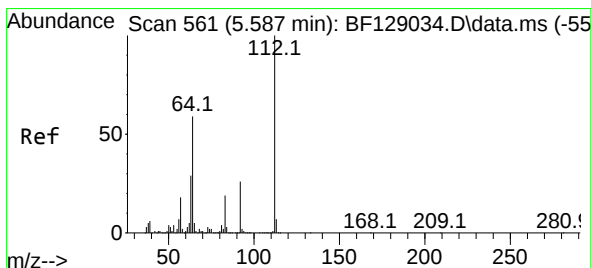
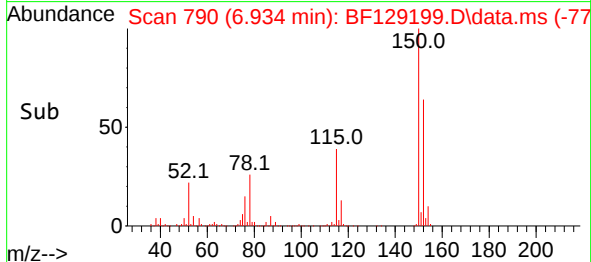
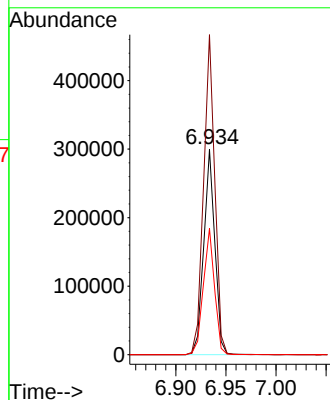
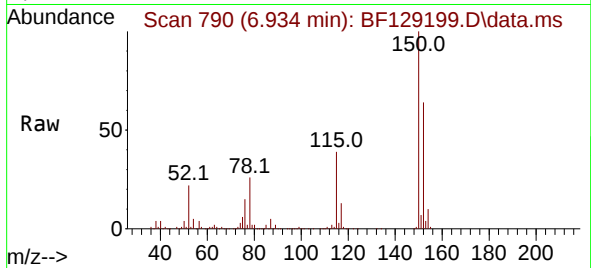




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129199.D
Acq: 12 Jul 2022 20:29

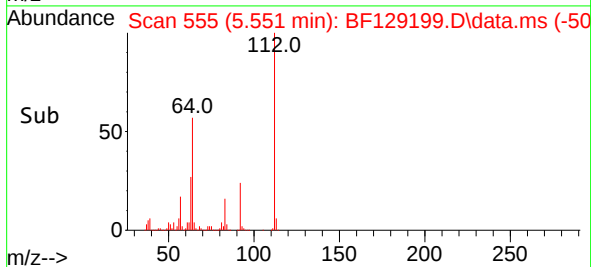
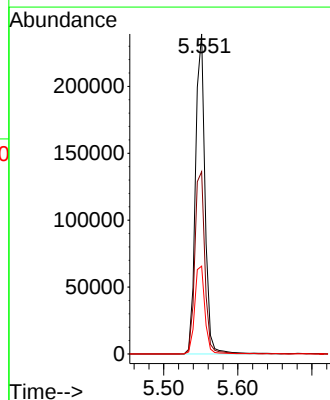
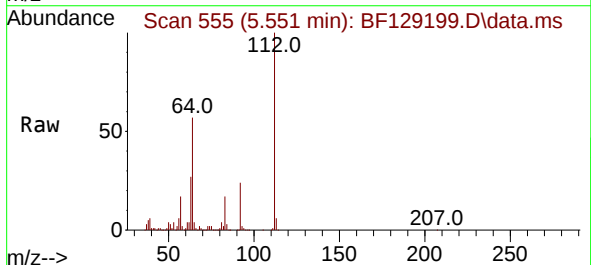
Instrument :
BNA_F
ClientSampleId :
CL-01-070822

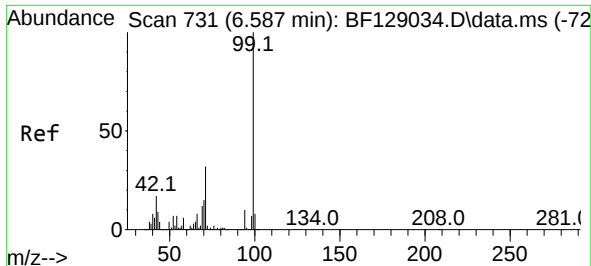
Tgt Ion:152 Resp: 232919
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 61.5 49.9 74.9



#5
2-Fluorophenol
Concen: 15.496 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.012 min
Lab File: BF129199.D
Acq: 12 Jul 2022 20:29

Tgt Ion:112 Resp: 213494
Ion Ratio Lower Upper
112 100
64 56.9 53.3 79.9
63 27.5 28.0 42.0#

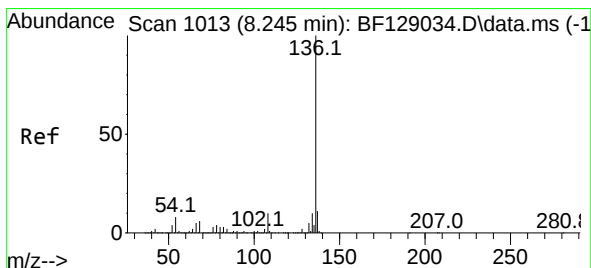
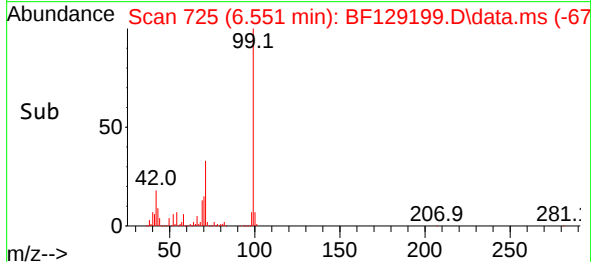
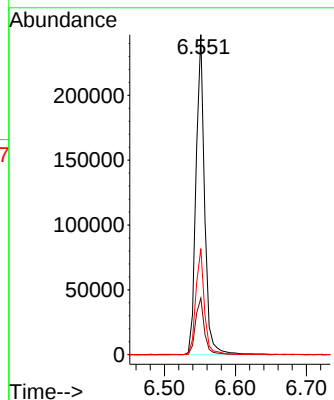
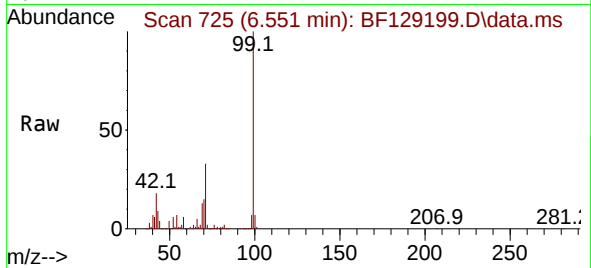




#7
Phenol-d6
Concen: 12.218 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129199.D
Acq: 12 Jul 2022 20:29

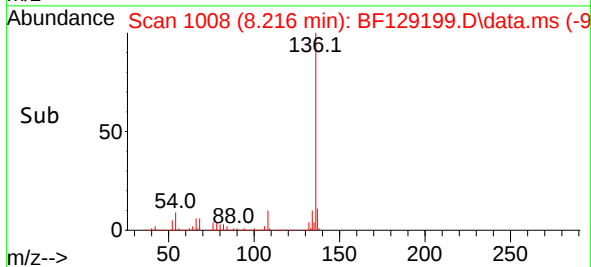
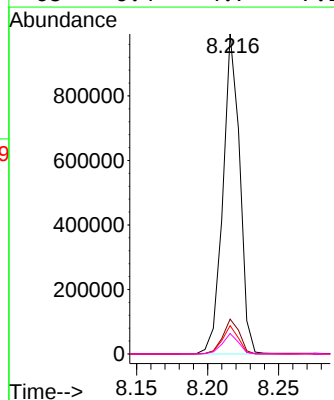
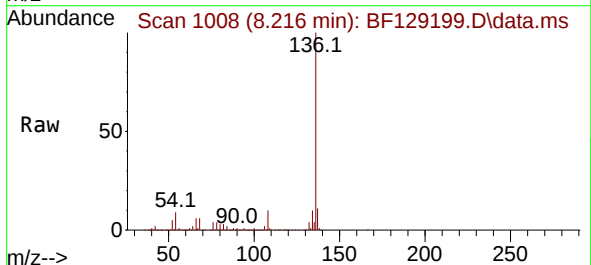
Instrument :
BNA_F
ClientSampleId :
CL-01-070822

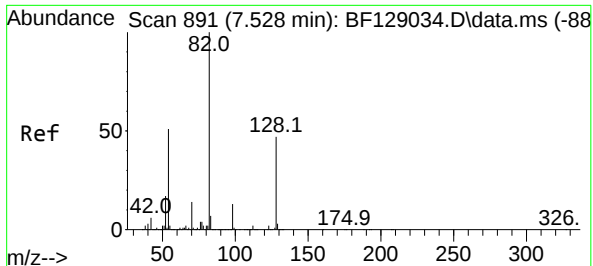
Tgt Ion: 99 Resp: 209061
Ion Ratio Lower Upper
99 100
42 17.7 17.3 25.9
71 33.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF129199.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 136 Resp: 816413
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.8 7.5 11.3
68 6.4 4.7 7.1





#23

Nitrobenzene-d5

Concen: 9.058 ng

RT: 7.492 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF129199.D

Acq: 12 Jul 2022 20:29

Instrument :

BNA_F

ClientSampleId :

CL-01-070822

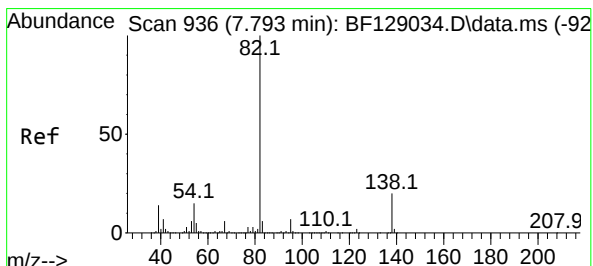
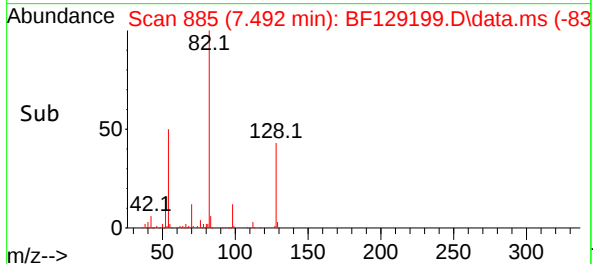
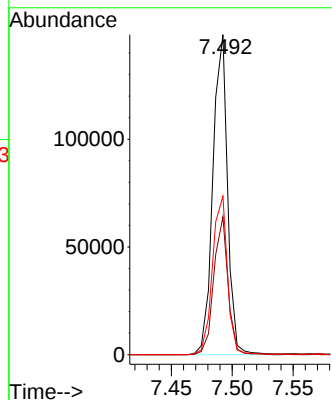
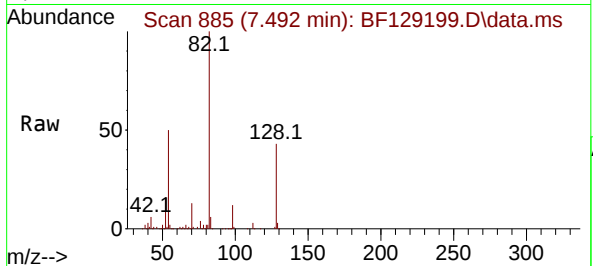
Tgt Ion: 82 Resp: 123983

Ion Ratio Lower Upper

82 100

128 43.1 34.0 51.0

54 49.5 46.9 70.3



#25

Isophorone

Concen: 5.281 ng

RT: 7.492 min Scan# 885

Delta R.T. -0.271 min

Lab File: BF129199.D

Acq: 12 Jul 2022 20:29

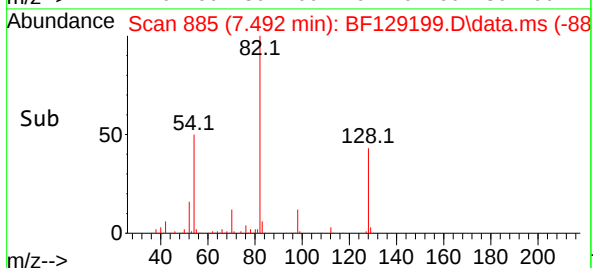
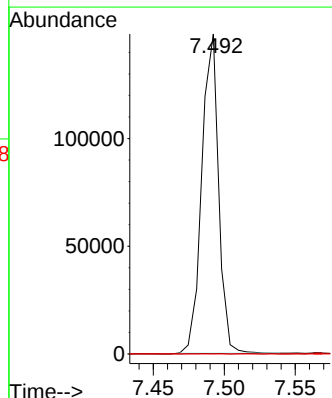
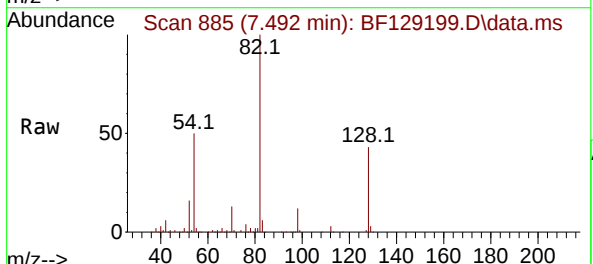
Tgt Ion: 82 Resp: 122159

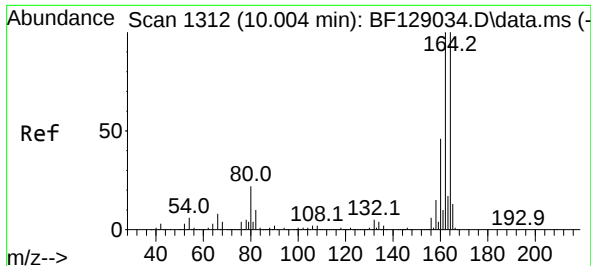
Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 14.2 21.2#

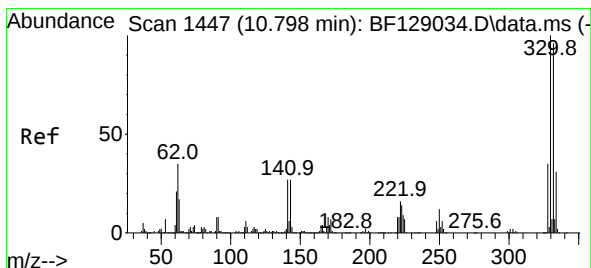
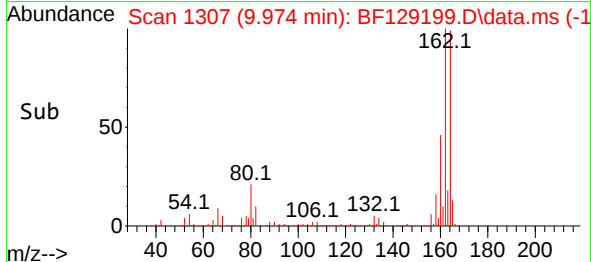
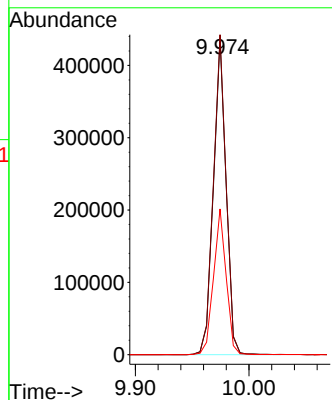
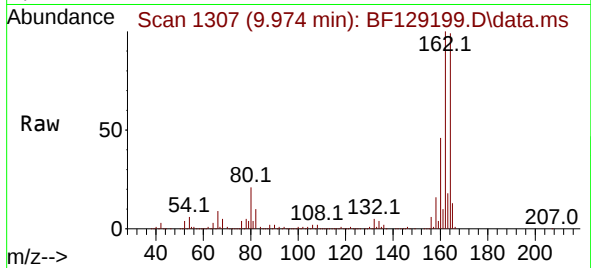




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF129199.D
Acq: 12 Jul 2022 20:29

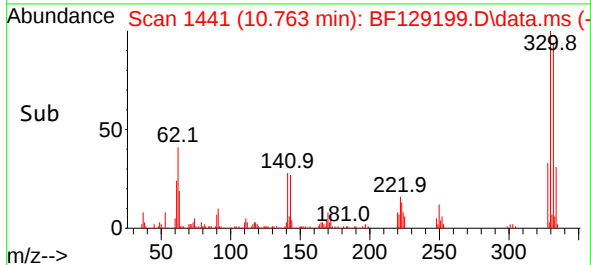
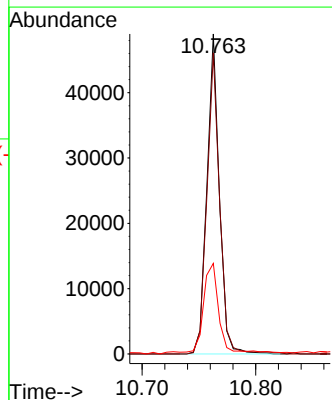
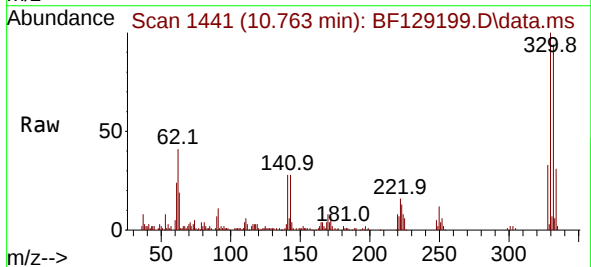
Instrument :
BNA_F
ClientSampleId :
CL-01-070822

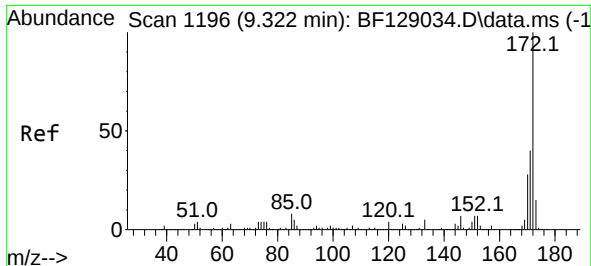
Tgt Ion:164 Resp: 337719
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 46.1 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 10.102 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF129199.D
Acq: 12 Jul 2022 20:29

Tgt Ion:330 Resp: 37098
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 37.9 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 10.854 ng

RT: 9.286 min Scan# 1196

Delta R.T. -0.012 min

Lab File: BF129199.D

Acq: 12 Jul 2022 20:29

Instrument :

BNA_F

ClientSampleId :

CL-01-070822

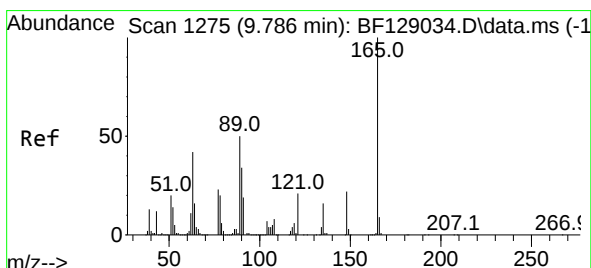
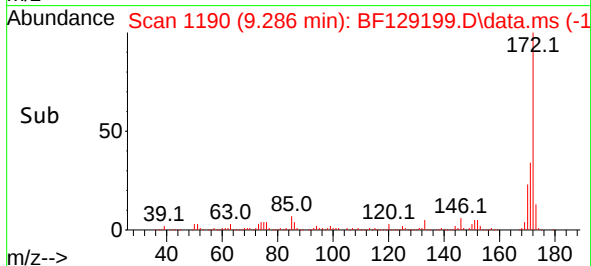
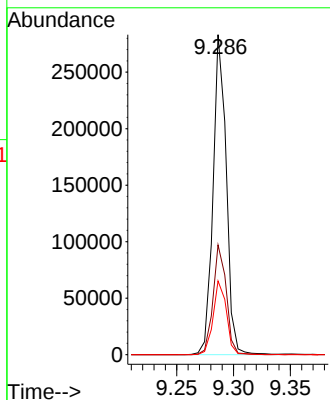
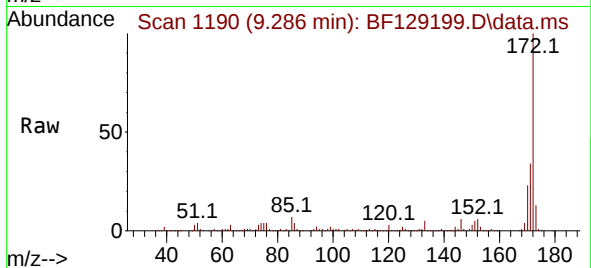
Tgt Ion:172 Resp: 229130

Ion Ratio Lower Upper

172 100

171 34.3 28.8 43.2

170 23.0 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 10.390 ng

RT: 9.974 min Scan# 1307

Delta R.T. 0.212 min

Lab File: BF129199.D

Acq: 12 Jul 2022 20:29

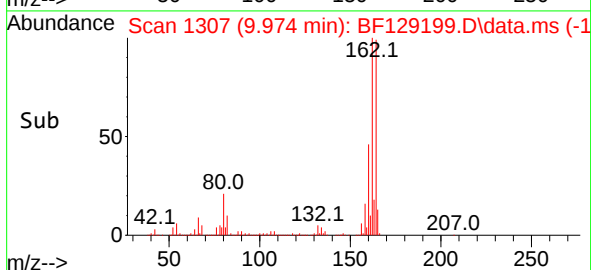
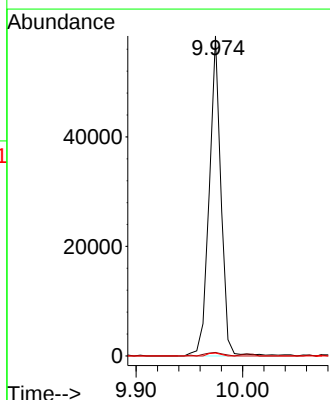
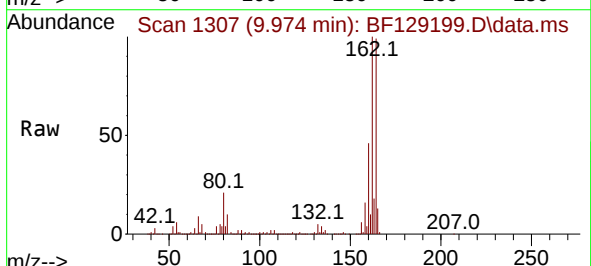
Tgt Ion:165 Resp: 44857

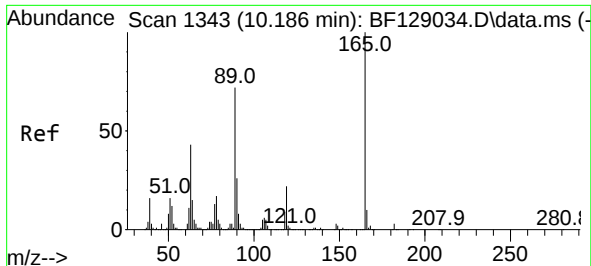
Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

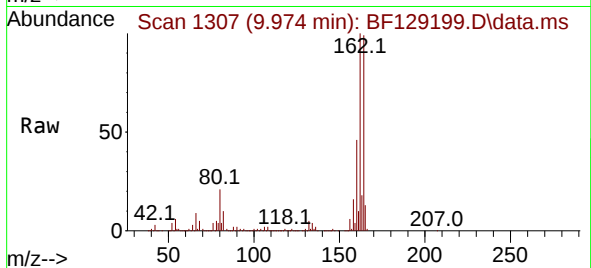
89 0.9 43.6 65.4#



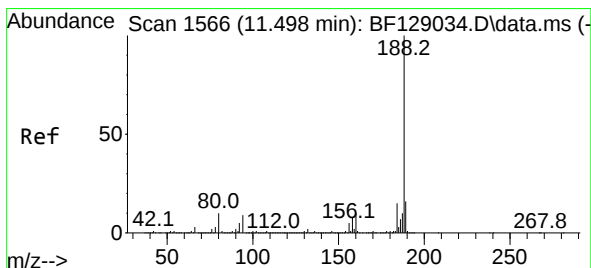
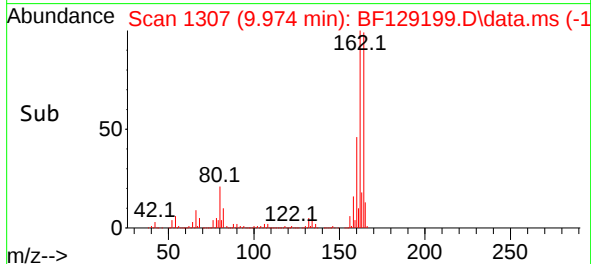
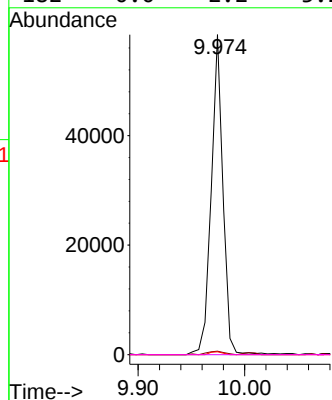


#57
2,4-Dinitrotoluene
Concen: 8.416 ng
RT: 9.974 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF129199.D
Acq: 12 Jul 2022 20:29

Instrument :
BNA_F
ClientSampleId :
CL-01-070822

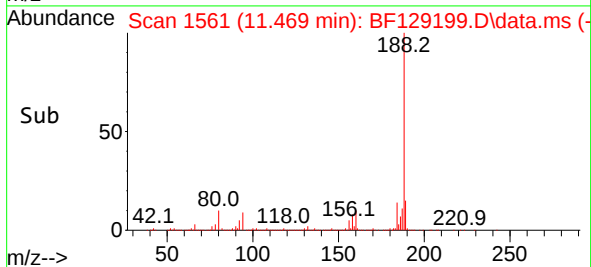
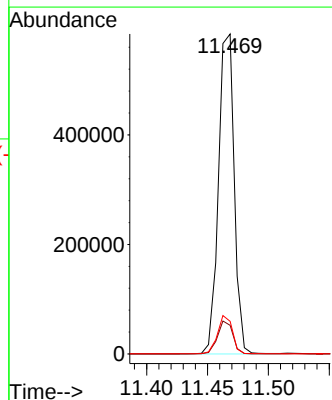
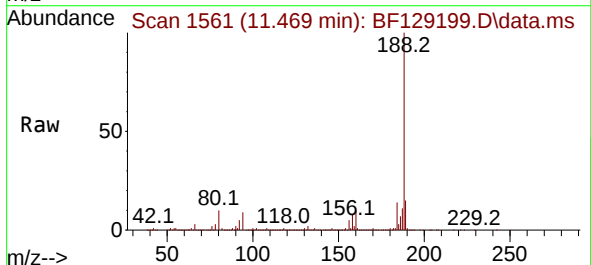


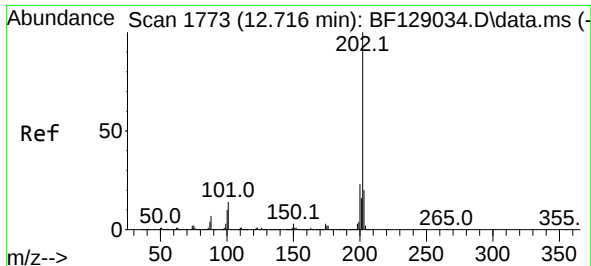
Tgt Ion:165 Resp: 44857
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 0.9 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF129199.D
Acq: 12 Jul 2022 20:29

Tgt Ion:188 Resp: 528098
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.2 7.6 11.4

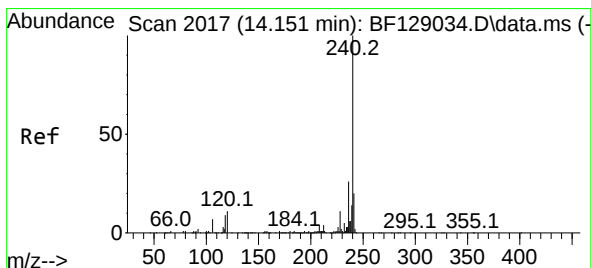
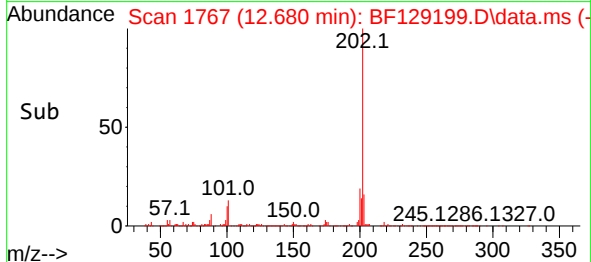
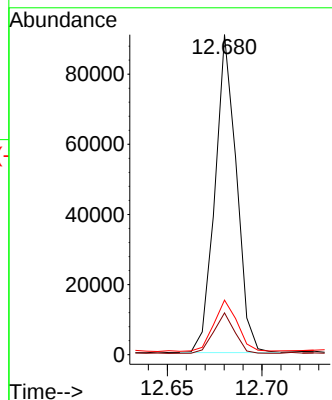
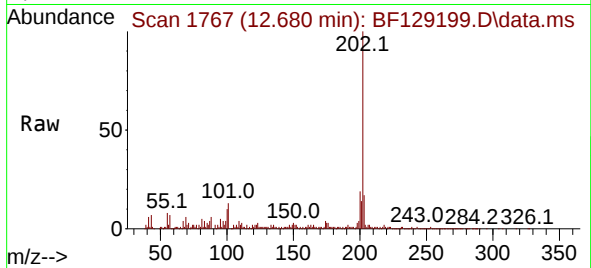




#75
Fluoranthene
Concen: 2.714 ng
RT: 12.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129199.D
Acq: 12 Jul 2022 20:29

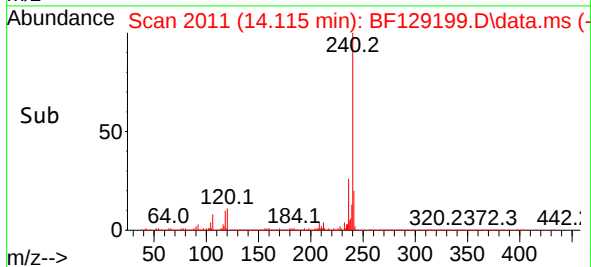
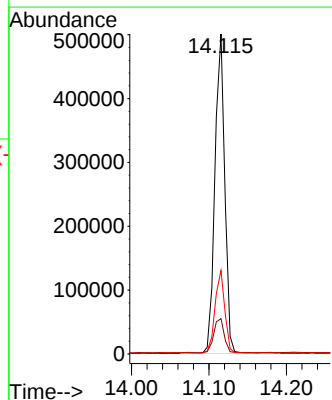
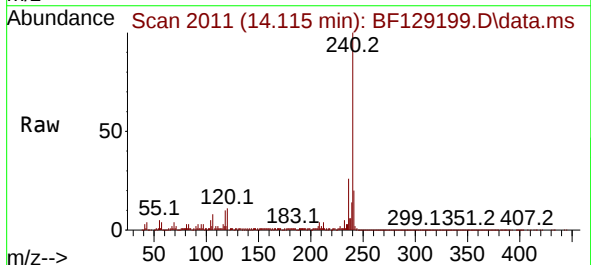
Instrument :
BNA_F
ClientSampleId :
CL-01-070822

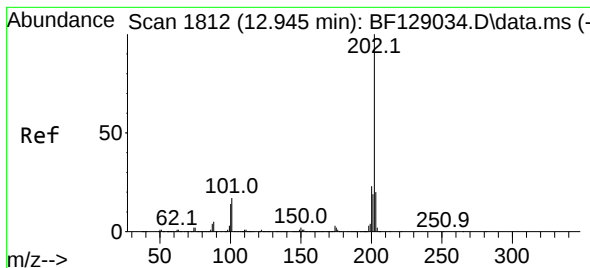
Tgt Ion:202 Resp: 71606
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.4
203 17.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF129199.D
Acq: 12 Jul 2022 20:29

Tgt Ion:240 Resp: 441508
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.1 20.8 31.2





#78

Pyrene

Concen: 2.481 ng

RT: 12.910 min Scan# 1806

Delta R.T. -0.012 min

Lab File: BF129199.D

Acq: 12 Jul 2022 20:29

Instrument :

BNA_F

ClientSampleId :

CL-01-070822

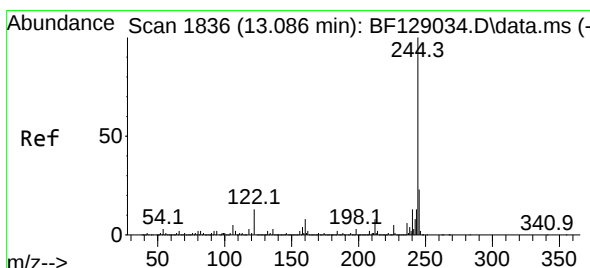
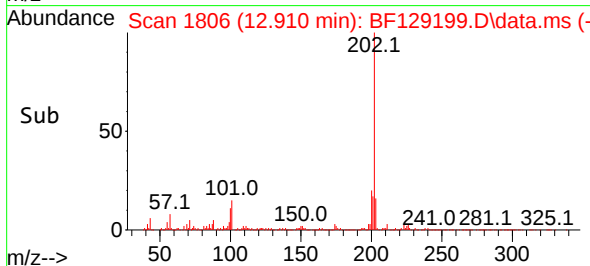
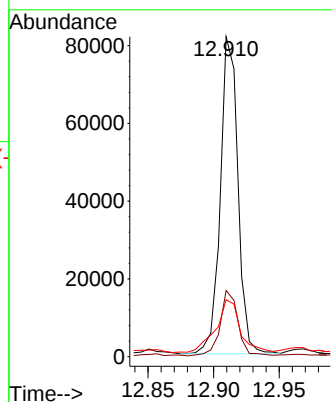
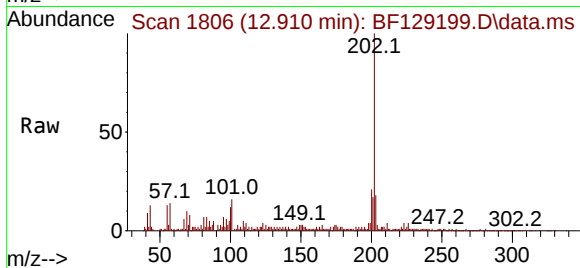
Tgt Ion:202 Resp: 75937

Ion Ratio Lower Upper

202 100

200 20.7 17.7 26.5

203 17.8 14.6 21.8



#79

Terphenyl-d14

Concen: 9.827 ng

RT: 13.051 min Scan# 1830

Delta R.T. -0.012 min

Lab File: BF129199.D

Acq: 12 Jul 2022 20:29

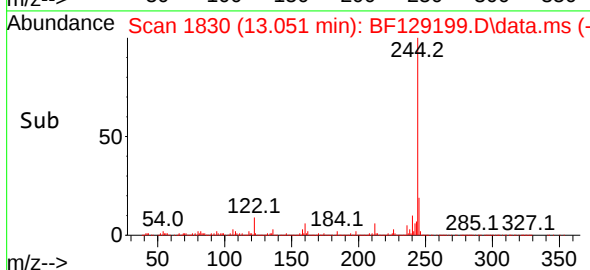
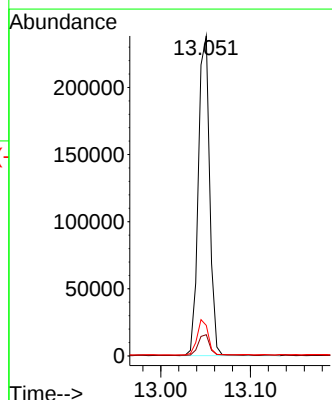
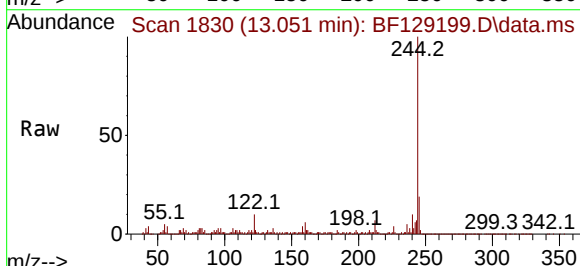
Tgt Ion:244 Resp: 208934

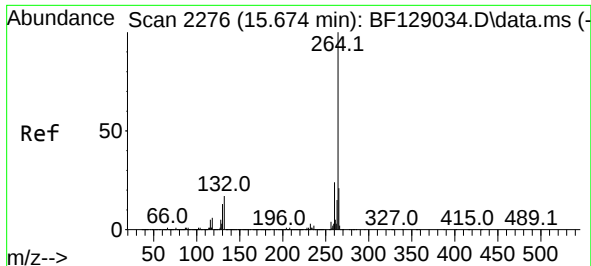
Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

122 9.5 8.8 13.2

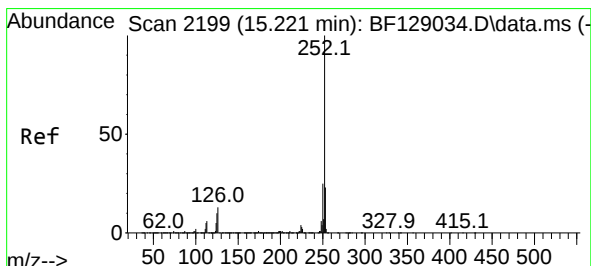
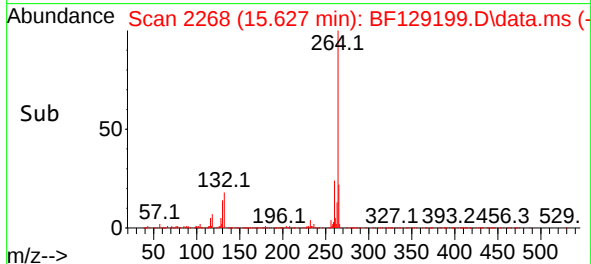
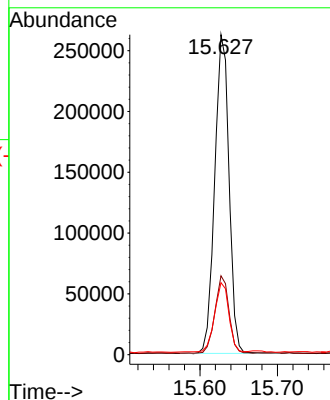
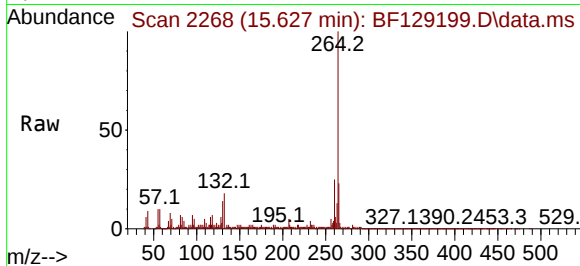




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2192
 Delta R.T. -0.006 min
 Lab File: BF129199.D
 Acq: 12 Jul 2022 20:29

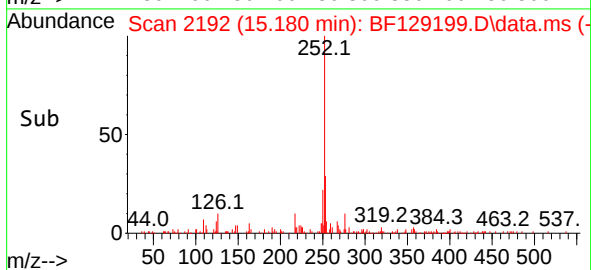
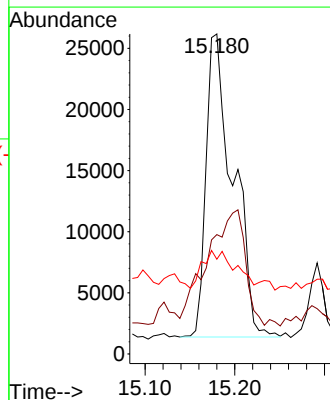
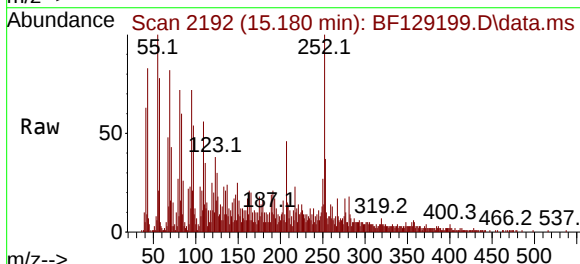
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-070822

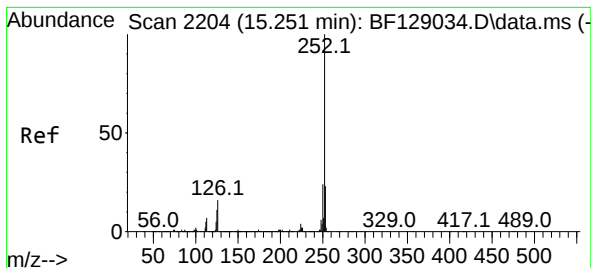
Tgt Ion:264 Resp: 336427
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 22.5 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 2.561 ng
 RT: 15.180 min Scan# 2192
 Delta R.T. -0.006 min
 Lab File: BF129199.D
 Acq: 12 Jul 2022 20:29

Tgt Ion:252 Resp: 51814
 Ion Ratio Lower Upper
 252 100
 253 37.3 17.7 26.5#
 125 29.6 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.640 ng

RT: 15.180 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF129199.D

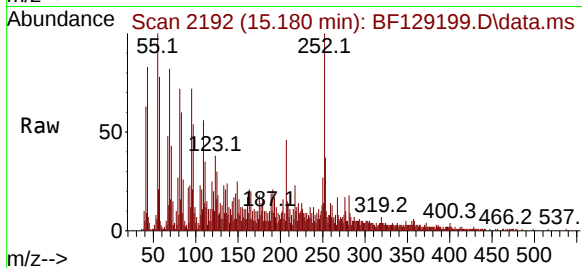
Acq: 12 Jul 2022 20:29

Instrument :

BNA_F

ClientSampleId :

CL-01-070822



Tgt Ion:252 Resp: 51814

Ion Ratio Lower Upper

252 100

253 37.3 17.8 26.6#

125 29.6 8.3 12.5#

