

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129150.D
 Acq On : 06 Jul 2022 19:00
 Operator : CG\JU
 Sample : N3581-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-6-070522

Quant Time: Jul 07 00:27:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

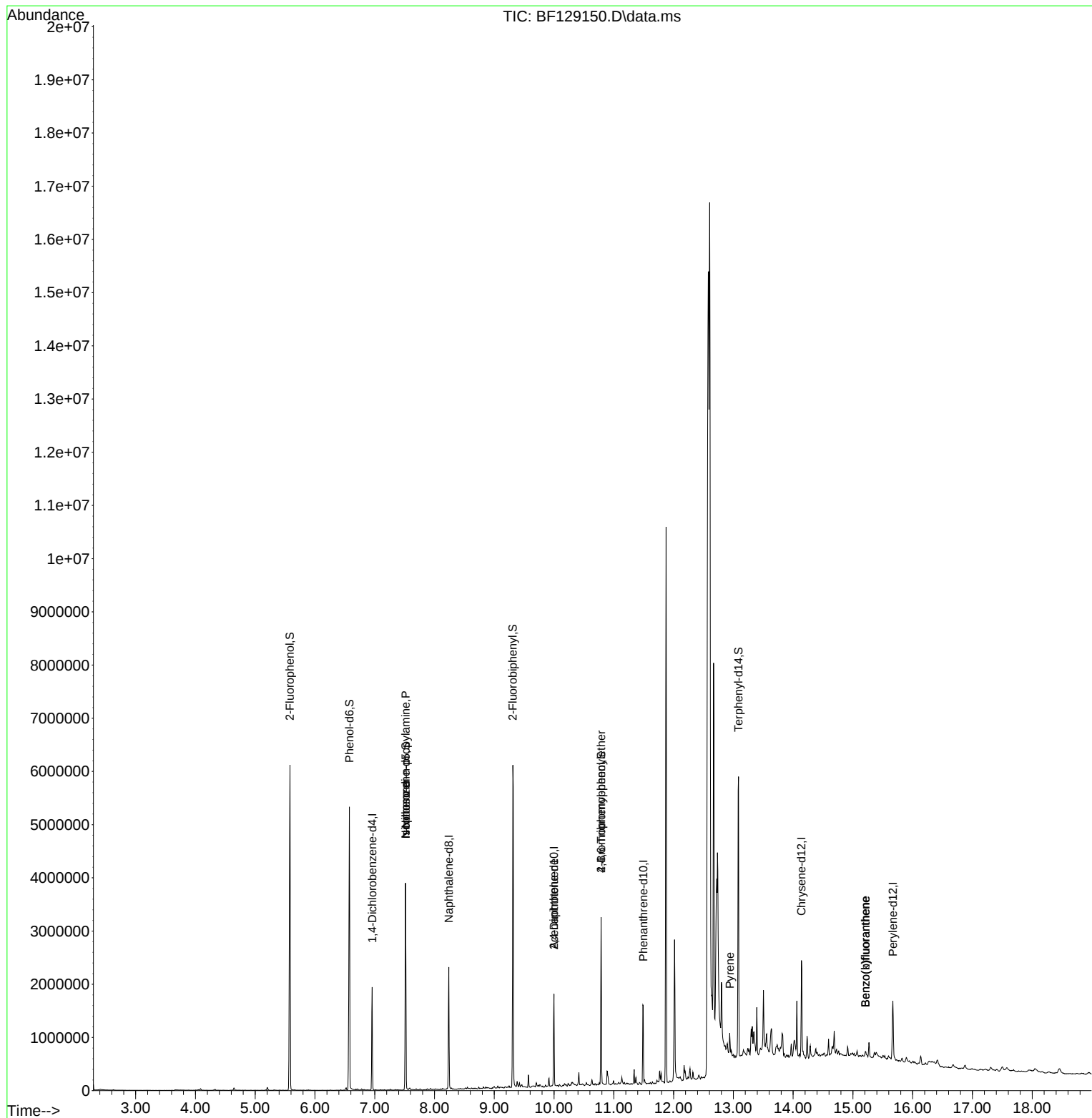
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	273957	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	918780	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	328461	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	579514	20.000	ng	0.00
76) Chrysene-d12	14.139	240	625007	20.000	ng	-0.01
86) Perylene-d12	15.668	264	473557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1691674	104.396	ng	0.00
7) Phenol-d6	6.575	99	1929539	95.876	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1185062	76.933	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	353287	98.918	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1932405	94.119	ng	-0.01
79) Terphenyl-d14	13.086	244	1930085	64.128	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	780	Below Cal	#	83
19) n-Nitroso-di-n-propyla...	7.516	70	155062	13.319	ng	# 73
25) Isophorone	7.516	82	1163329	44.687	ng	# 65
57) 2,4-Dinitrotoluene	9.998	165	43819	8.453	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	21744	3.527	ng	# 1
78) Pyrene	12.939	202	107717	2.486	ng	97
88) Benzo(b)fluoranthene	15.210	252	64560	2.267	ng	# 86
89) Benzo(k)fluoranthene	15.210	252	64560	2.337	ng	# 86

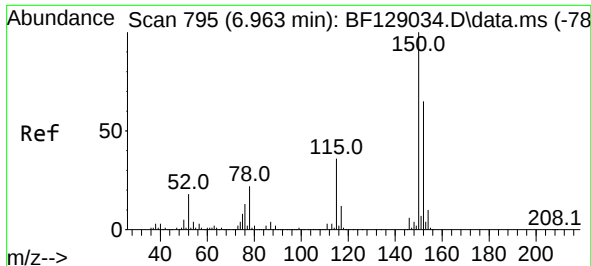
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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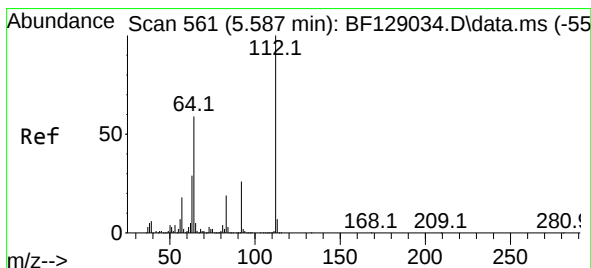
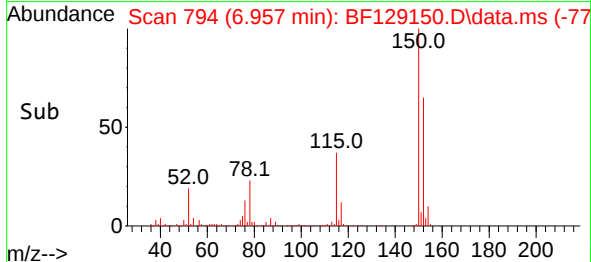
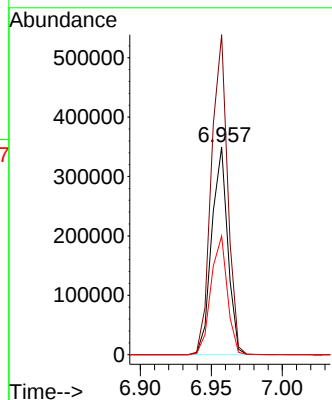
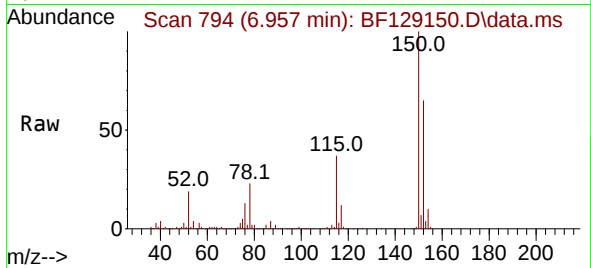




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

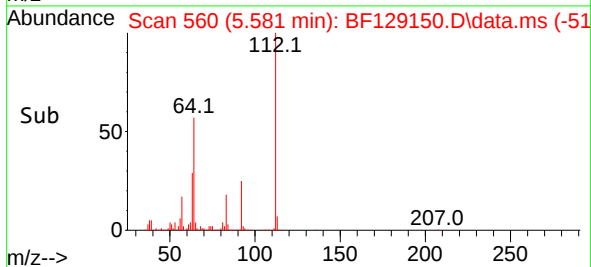
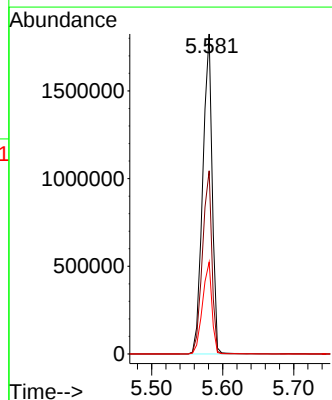
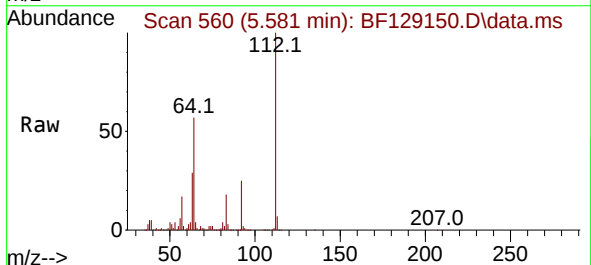
Instrument :
BNA_F
ClientSampleId :
AU-6-070522

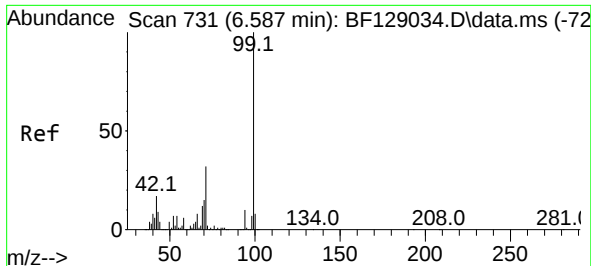
Tgt Ion:152 Resp: 273957
Ion Ratio Lower Upper
152 100
150 154.1 123.7 185.5
115 57.0 49.9 74.9



#5
2-Fluorophenol
Concen: 104.396 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

Tgt Ion:112 Resp: 1691674
Ion Ratio Lower Upper
112 100
64 57.3 53.3 79.9
63 28.7 28.0 42.0

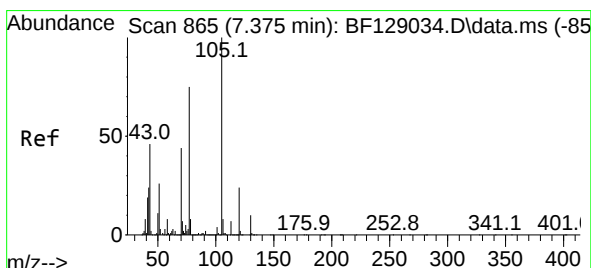
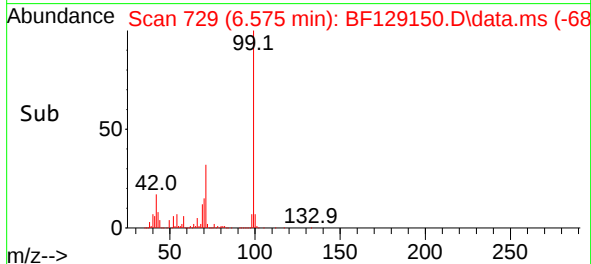
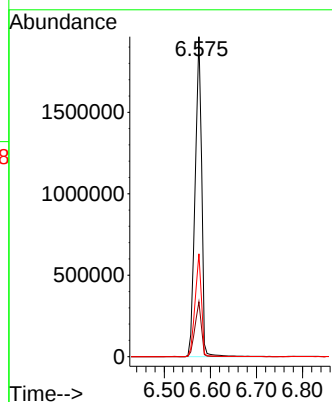
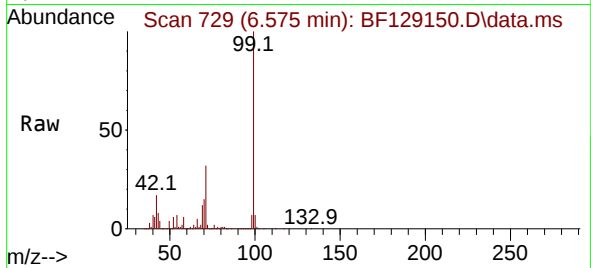




#7
Phenol-d6
Concen: 95.876 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

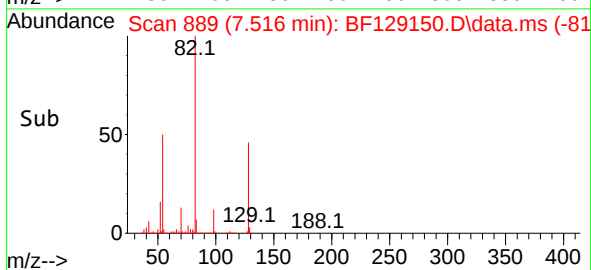
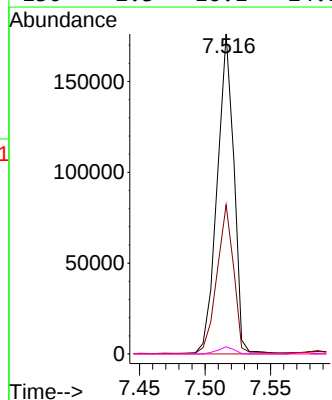
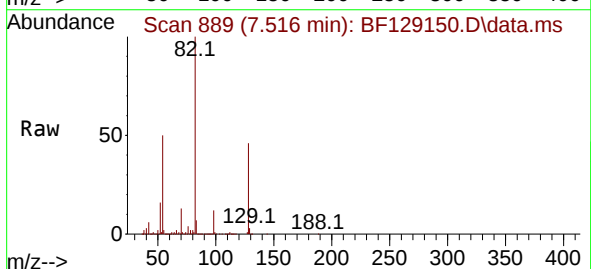
Instrument :
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ClientSampleId :
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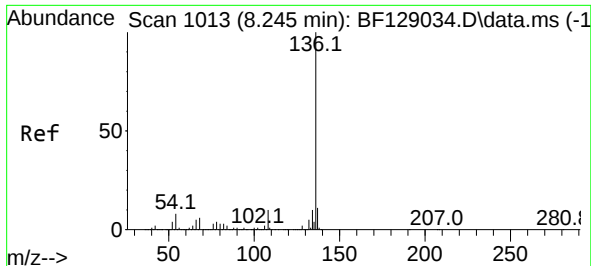
Tgt Ion: 99 Resp: 1929539
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 32.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.319 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

Tgt Ion: 70 Resp: 155062
Ion Ratio Lower Upper
70 100
42 46.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

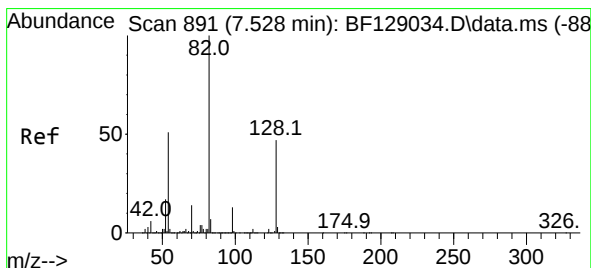
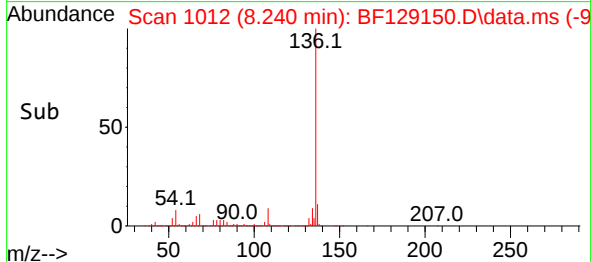
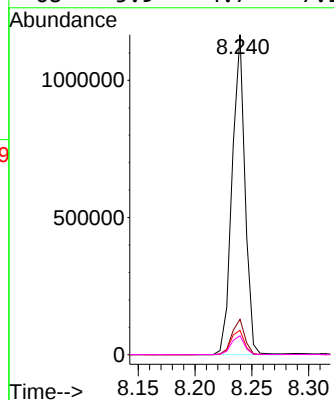
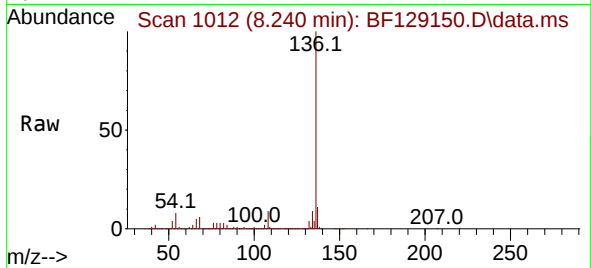




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

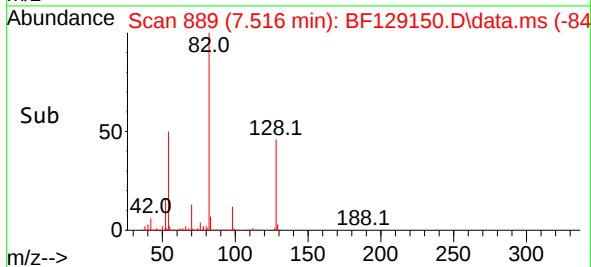
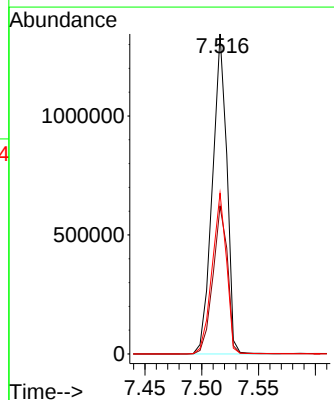
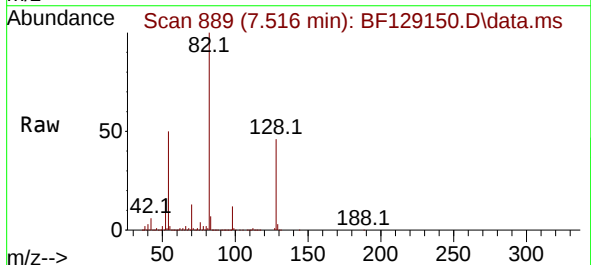
Instrument :
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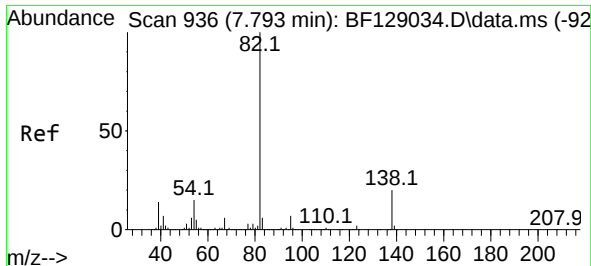
Tgt Ion:136 Resp: 918780
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 7.5 11.3
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 76.933 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

Tgt Ion: 82 Resp: 1185062
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 50.2 46.9 70.3

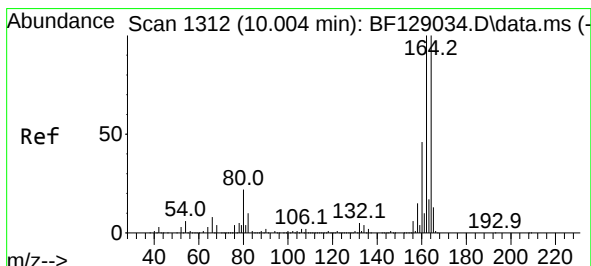
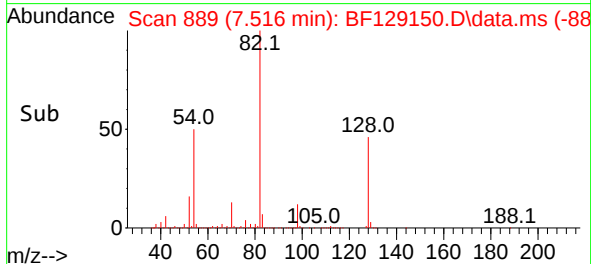
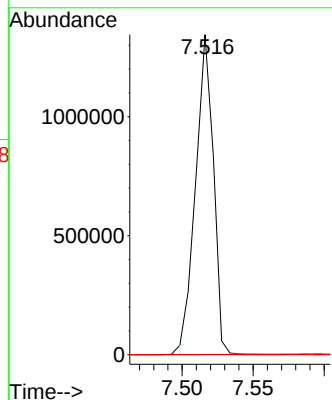
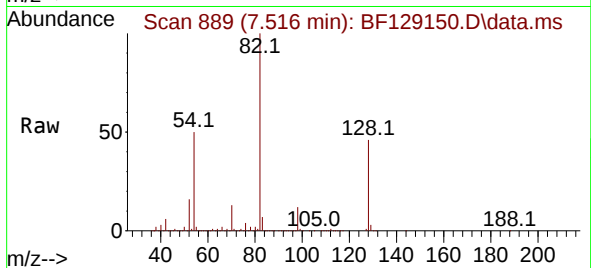




#25
Isophorone
Concen: 44.687 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

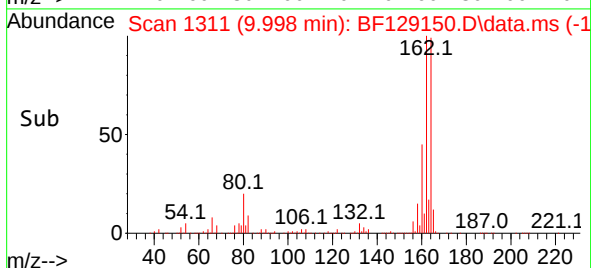
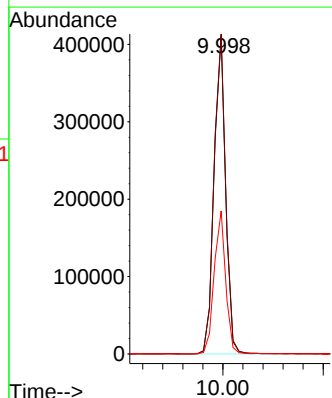
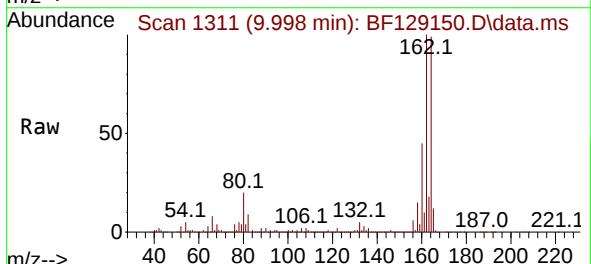
Instrument :
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ClientSampleId :
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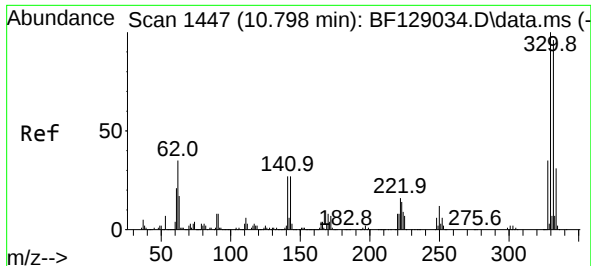
Tgt Ion: 82 Resp: 1163329
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

Tgt Ion:164 Resp: 328461
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.9 34.2 51.4

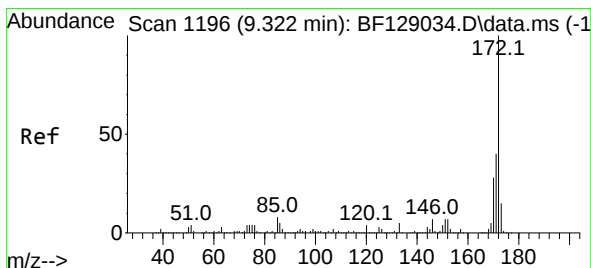
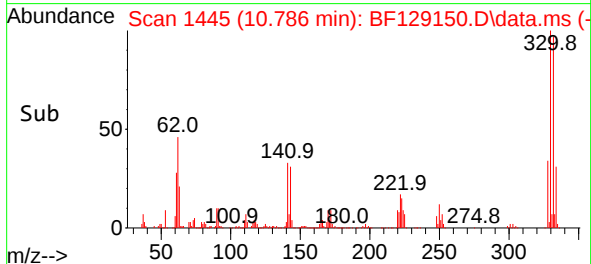
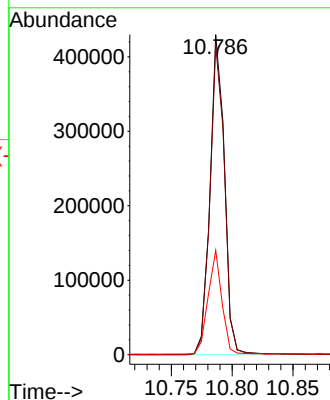
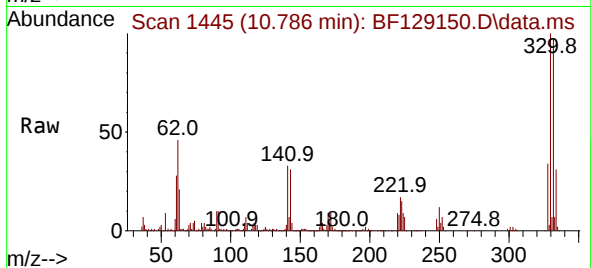




#42
2,4,6-Tribromophenol
Concen: 98.918 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

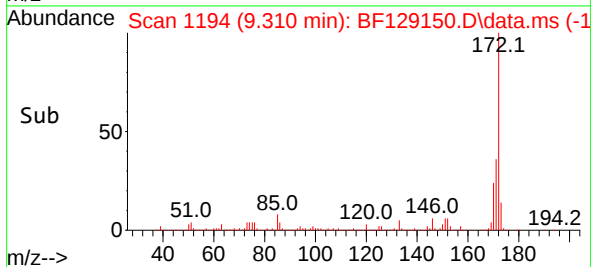
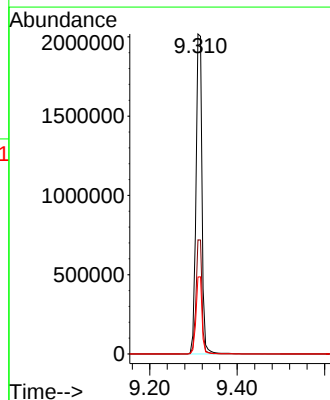
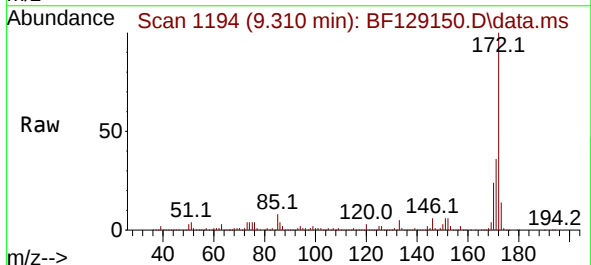
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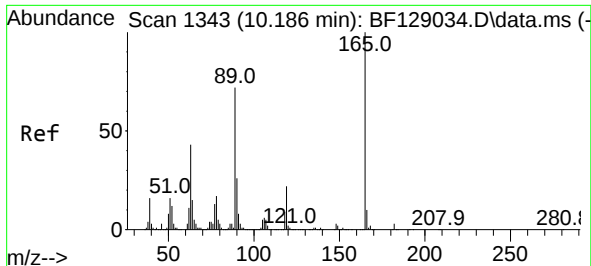
Tgt Ion:330 Resp: 353287
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 31.1 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 94.119 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

Tgt Ion:172 Resp: 1932405
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.8 29.8

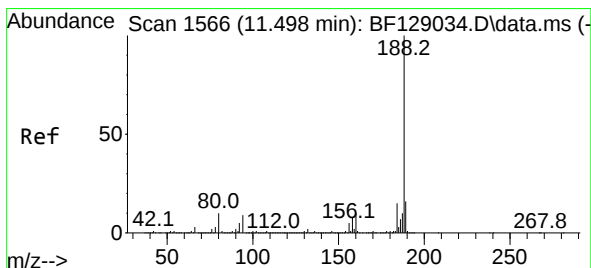
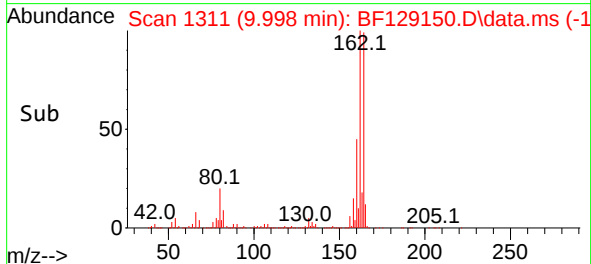
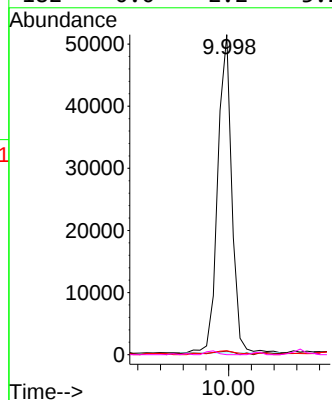
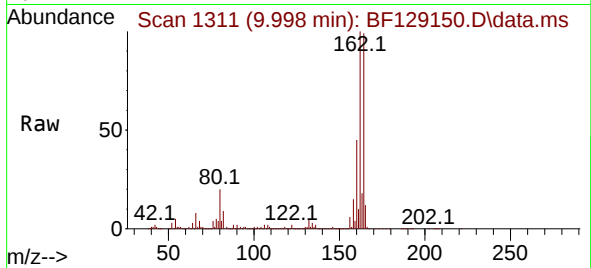




#57
2,4-Dinitrotoluene
Concen: 8.453 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

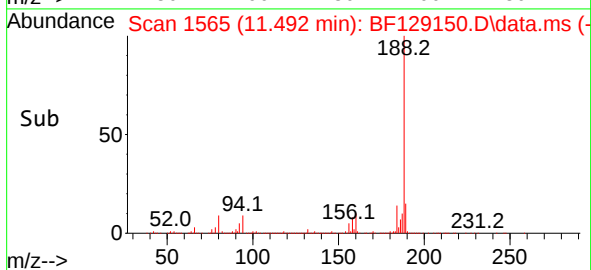
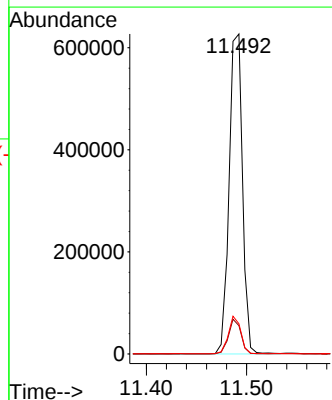
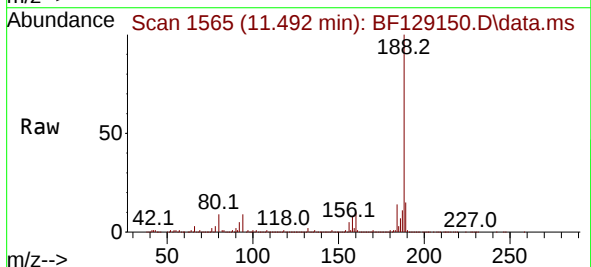
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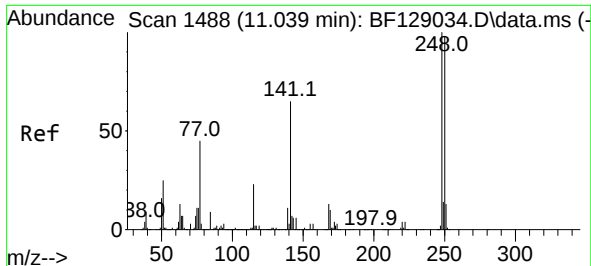
Tgt Ion:165 Resp: 43819
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

Tgt Ion:188 Resp: 579514
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.5 7.6 11.4

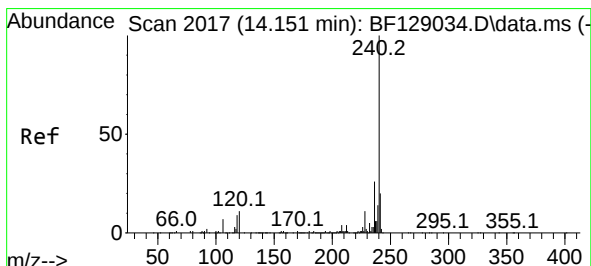
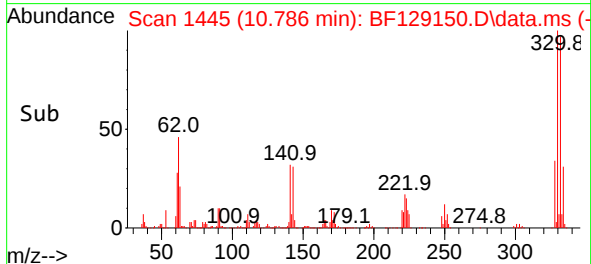
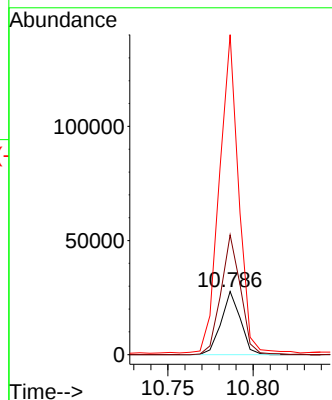
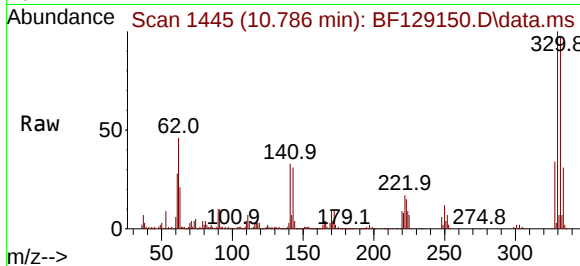




#67
4-Bromophenyl-phenylether
Concen: 3.527 ng
RT: 10.786 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

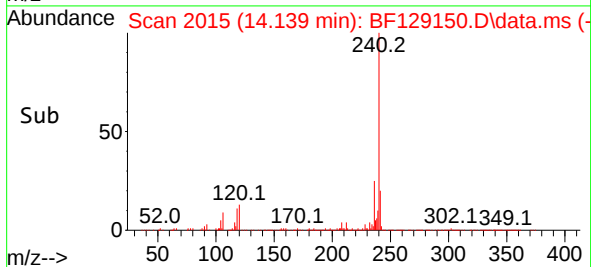
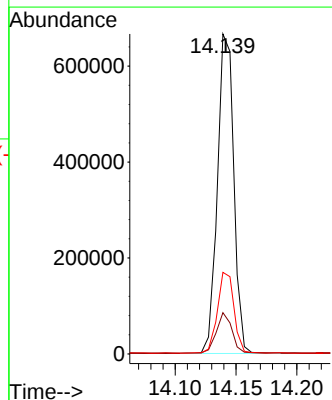
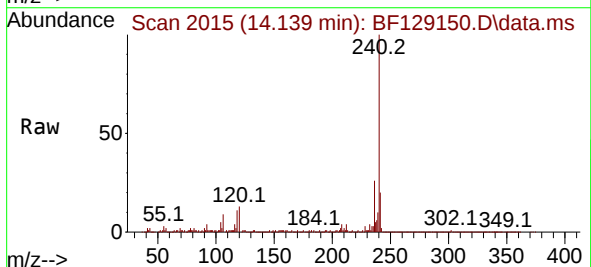
Instrument :
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AU-6-070522

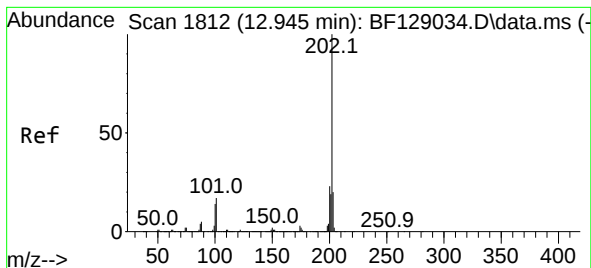
Tgt Ion:248 Resp: 21744
Ion Ratio Lower Upper
248 100
250 189.8 80.6 120.8#
141 506.8 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

Tgt Ion:240 Resp: 625007
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 25.5 20.8 31.2





#78

Pyrene

Concen: 2.486 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF129150.D

Acq: 06 Jul 2022 19:00

Instrument :

BNA_F

ClientSampleId :

AU-6-070522

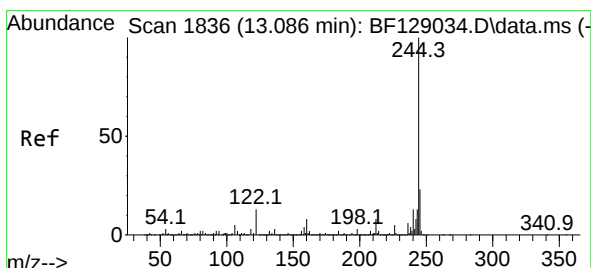
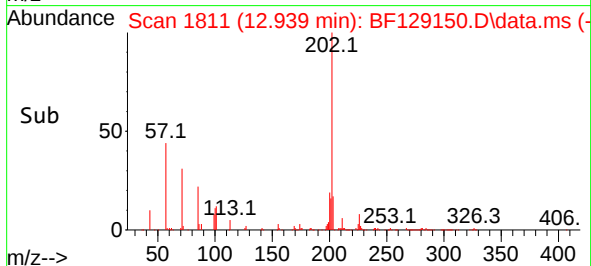
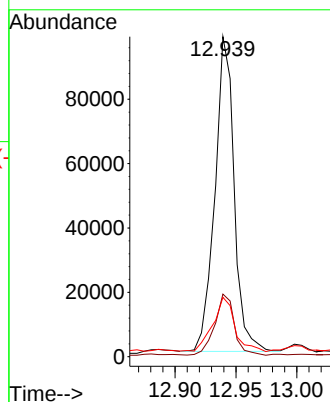
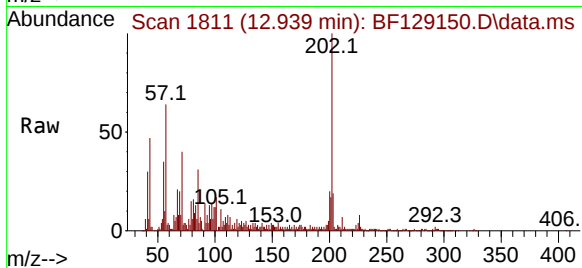
Tgt Ion:202 Resp: 107717

Ion Ratio Lower Upper

202 100

200 19.5 17.7 26.5

203 18.6 14.6 21.8



#79

Terphenyl-d14

Concen: 64.128 ng

RT: 13.086 min Scan# 1836

Delta R.T. 0.000 min

Lab File: BF129150.D

Acq: 06 Jul 2022 19:00

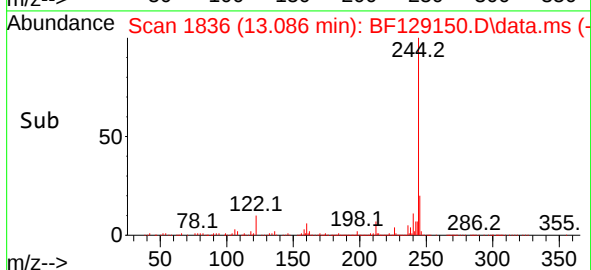
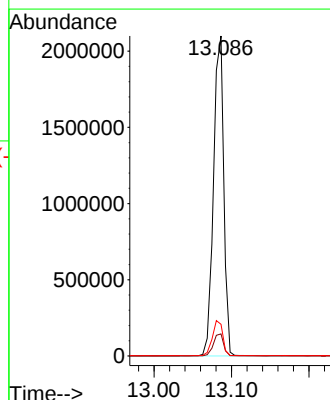
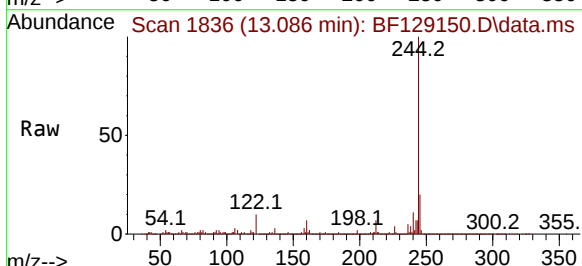
Tgt Ion:244 Resp: 1930085

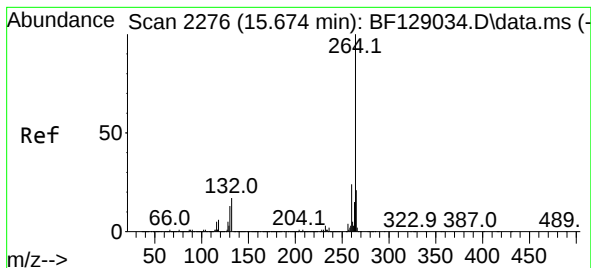
Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 9.9 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129150.D

Acq: 06 Jul 2022 19:00

Instrument :

BNA_F

ClientSampleId :

AU-6-070522

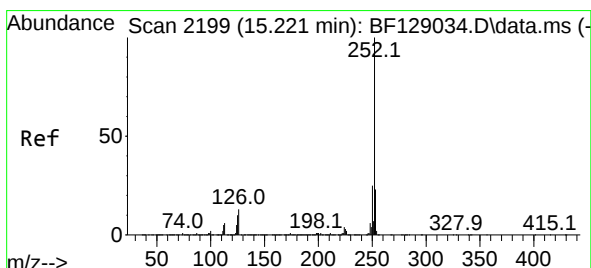
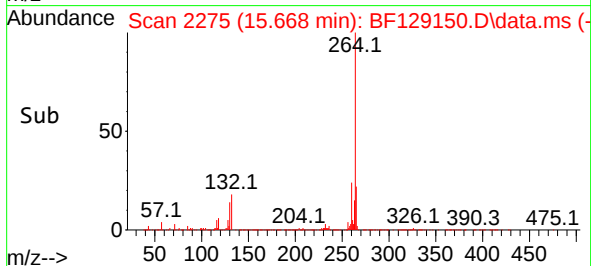
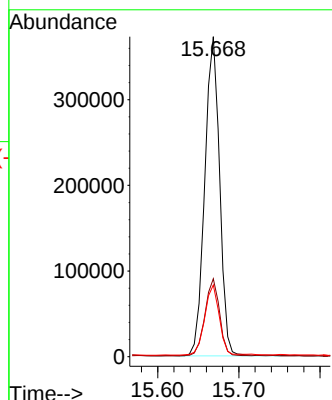
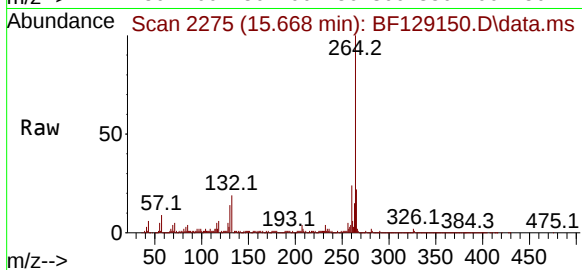
Tgt Ion:264 Resp: 473557

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.4 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.267 ng

RT: 15.210 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF129150.D

Acq: 06 Jul 2022 19:00

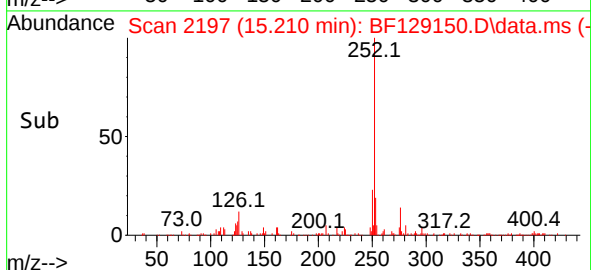
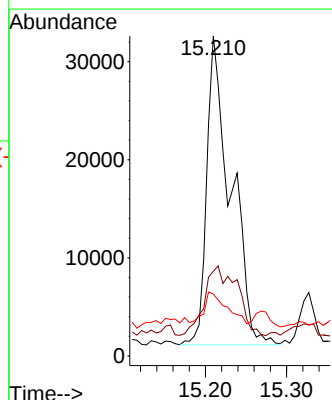
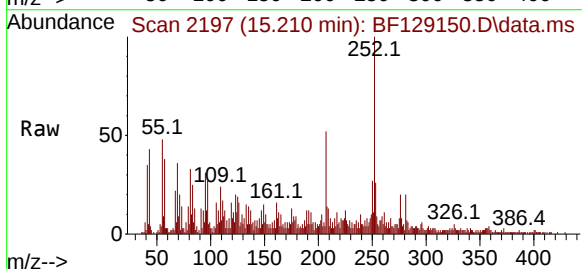
Tgt Ion:252 Resp: 64560

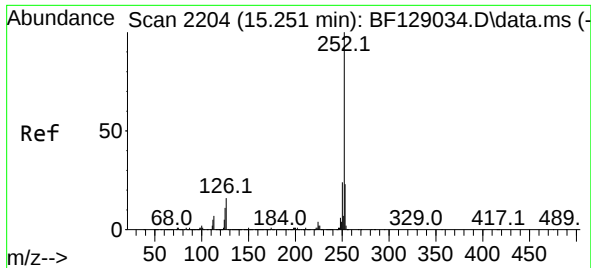
Ion Ratio Lower Upper

252 100

253 26.4 17.7 26.5

125 19.3 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.337 ng

RT: 15.210 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF129150.D

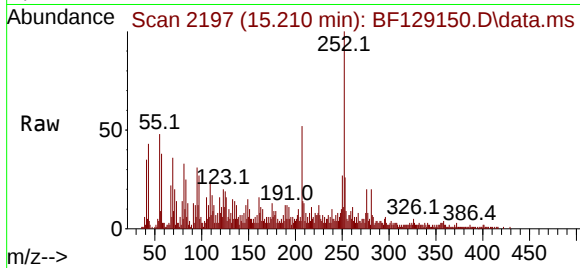
Acq: 06 Jul 2022 19:00

Instrument :

BNA_F

ClientSampleId :

AU-6-070522



Tgt Ion:252 Resp: 64560

Ion Ratio Lower Upper

252 100

253 26.4 17.8 26.6

125 19.3 8.3 12.5#

