

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129151.D
 Acq On : 06 Jul 2022 19:32
 Operator : CG\JU
 Sample : N3579-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-070522

Quant Time: Jul 07 00:27:18 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)

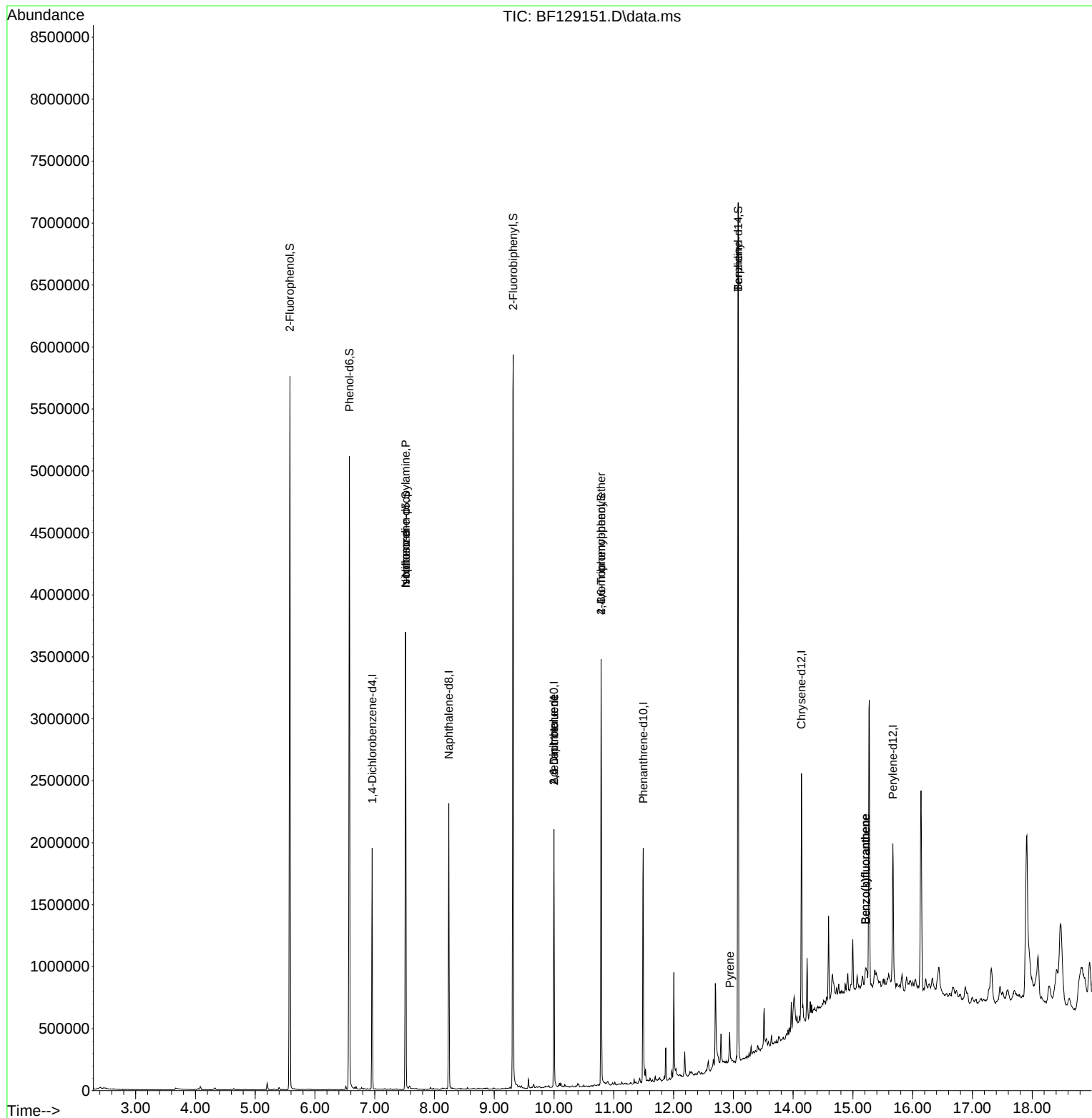
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	264721	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	897212	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	384971	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	691330	20.000	ng	0.00
76) Chrysene-d12	14.139	240	667242	20.000	ng	-0.01
86) Perylene-d12	15.668	264	469510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1579544	100.877	ng	0.00
7) Phenol-d6	6.575	99	1842395	94.740	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1122800	74.643	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	403864	96.480	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1921252	79.840	ng	0.00
79) Terphenyl-d14	13.080	244	2187867	68.092	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	1016	Below Cal	#	66
19) n-Nitroso-di-n-propyla...	7.516	70	148519	13.202	ng	# 72
25) Isophorone	7.516	82	1105374	43.481	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	51512	10.467	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	51896	8.542	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	24098	3.277	ng	# 1
77) Benzidine	13.080	184	30064	2.530	ng	# 92
78) Pyrene	12.939	202	99770	2.157	ng	# 98
88) Benzo(b)fluoranthene	15.210	252	77458	2.743	ng	# 82
89) Benzo(k)fluoranthene	15.210	252	77458	2.828	ng	# 83

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

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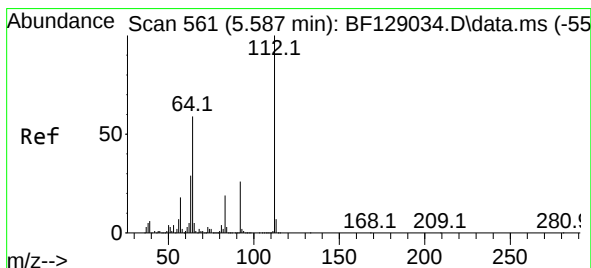
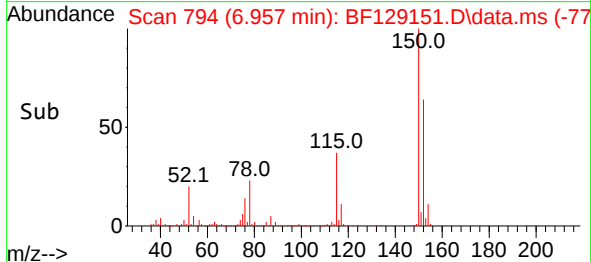
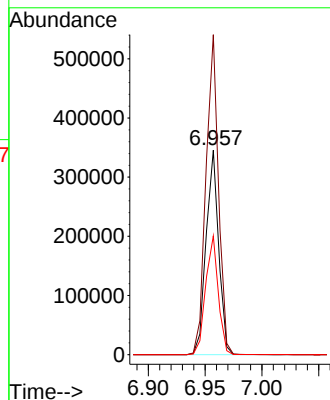
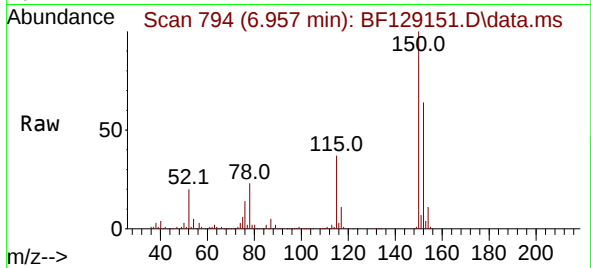




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

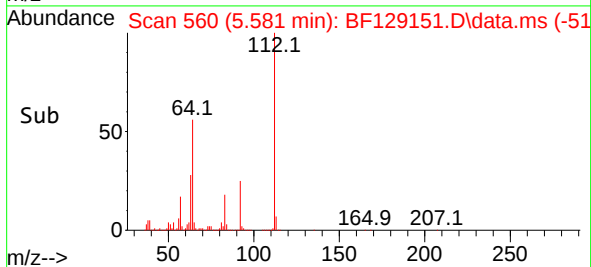
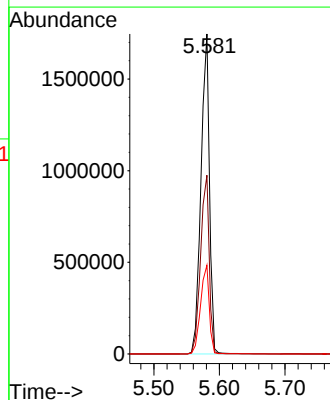
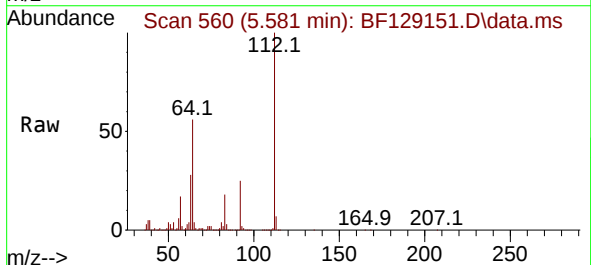
Instrument :
BNA_F
ClientSampleId :
OK-03-070522

Tgt Ion:152 Resp: 264721
Ion Ratio Lower Upper
152 100
150 156.5 123.7 185.5
115 58.1 49.9 74.9



#5
2-Fluorophenol
Concen: 100.877 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

Tgt Ion:112 Resp: 1579544
Ion Ratio Lower Upper
112 100
64 55.9 53.3 79.9
63 27.7 28.0 42.0#





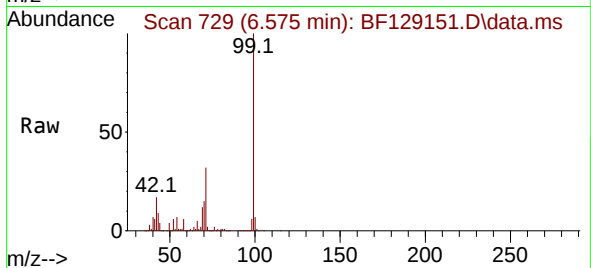
#7
Phenol-d6
Concen: 94.740 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

Instrument :

BNA_F

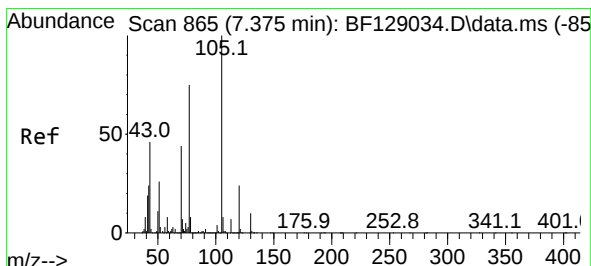
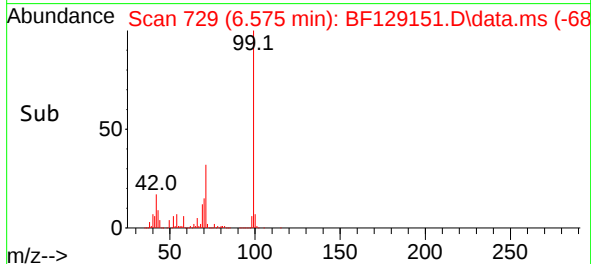
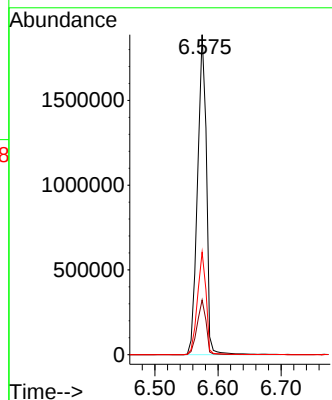
ClientSampleId :

OK-03-070522



Tgt Ion: 99 Resp: 1842395

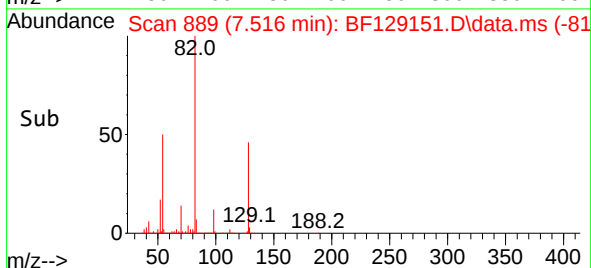
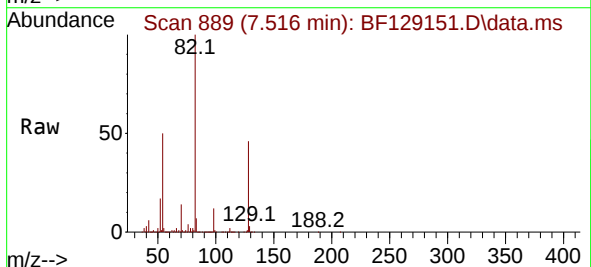
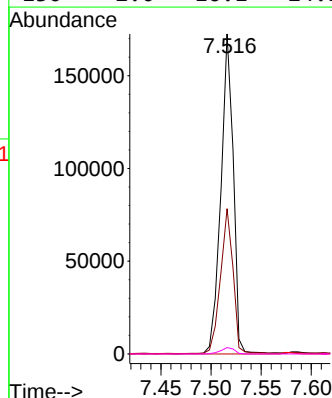
Ion	Ratio	Lower	Upper
99	100		
42	17.1	17.3	25.9#
71	32.1	28.9	43.3

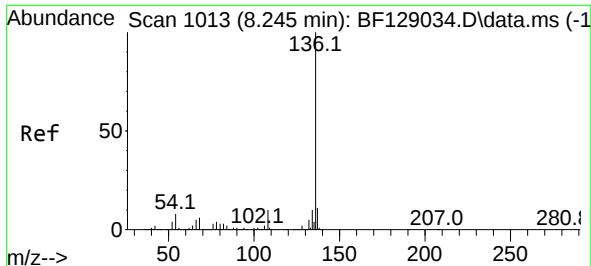


#19
n-Nitroso-di-n-propylamine
Concen: 13.202 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

Tgt Ion: 70 Resp: 148519

Ion	Ratio	Lower	Upper
70	100		
42	45.4	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#

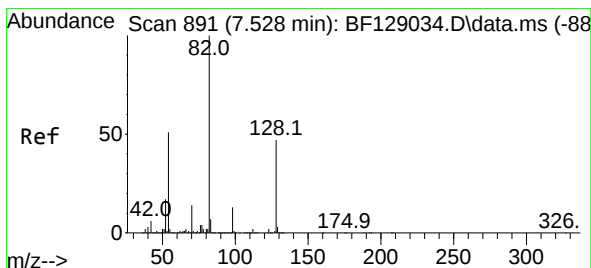
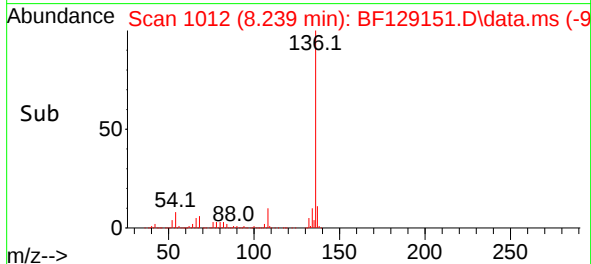
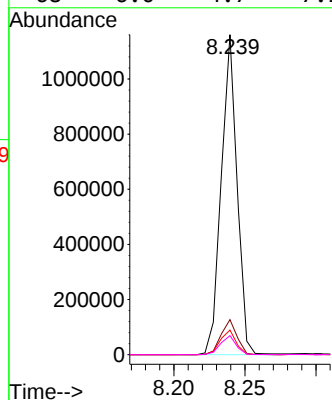
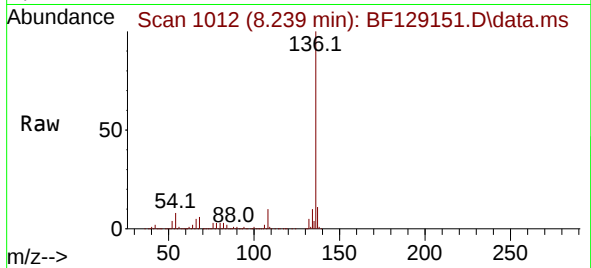




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

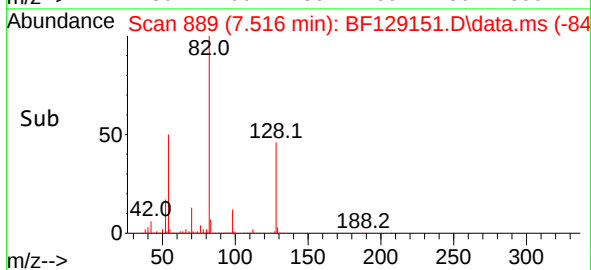
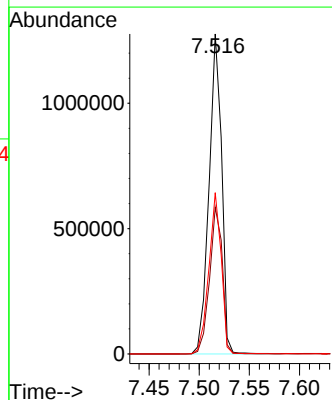
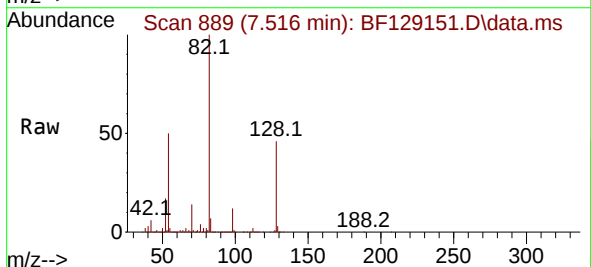
Instrument :
BNA_F
ClientSampleId :
OK-03-070522

Tgt Ion:136 Resp: 897212
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 7.5 11.3
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 74.643 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

Tgt Ion: 82 Resp: 1122800
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 50.4 46.9 70.3

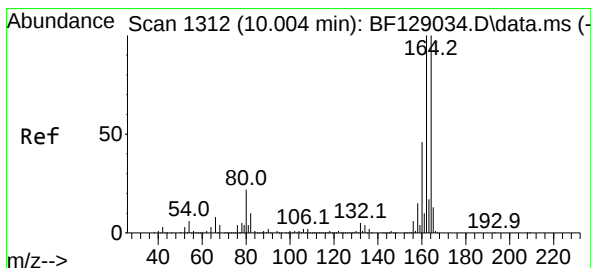
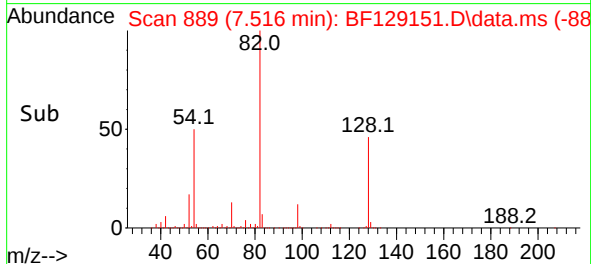
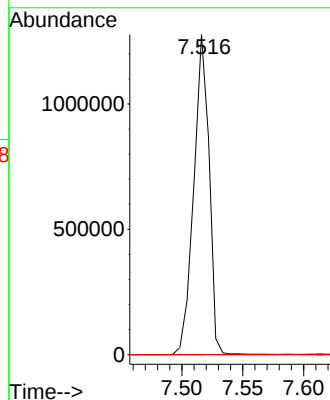
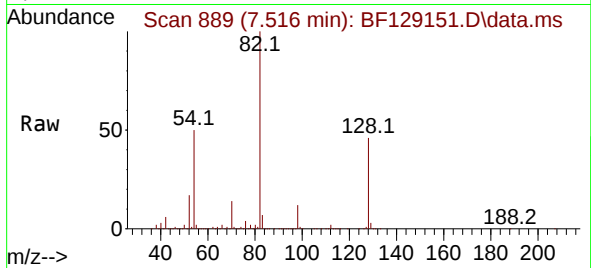




#25
Isophorone
Concen: 43.481 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

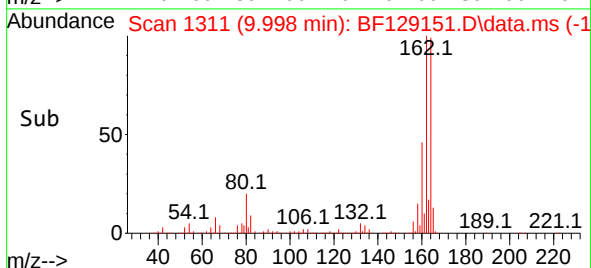
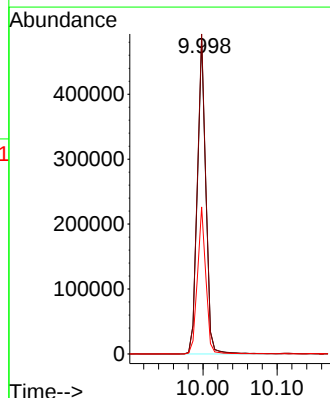
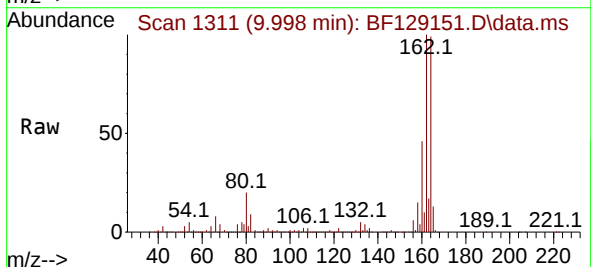
Instrument :
BNA_F
ClientSampleId :
OK-03-070522

Tgt Ion: 82 Resp: 1105374
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: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

Tgt Ion:164 Resp: 384971
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 46.5 34.2 51.4

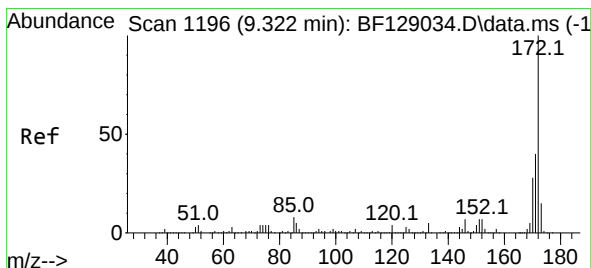
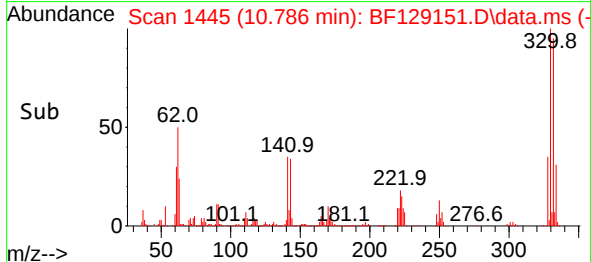
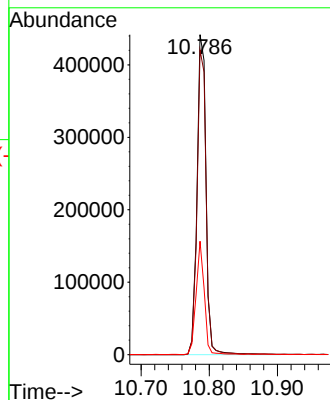
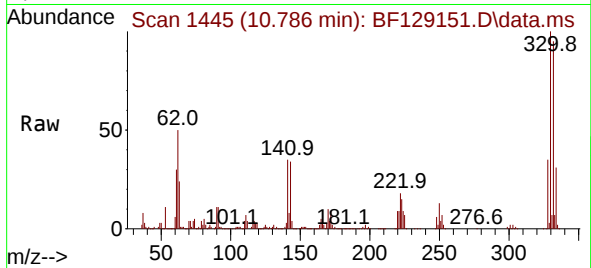




#42
2,4,6-Tribromophenol
Concen: 96.480 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

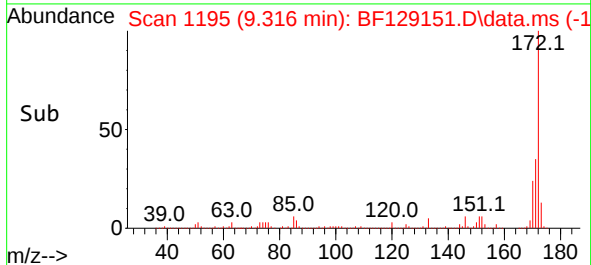
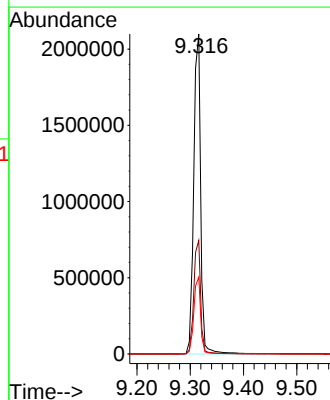
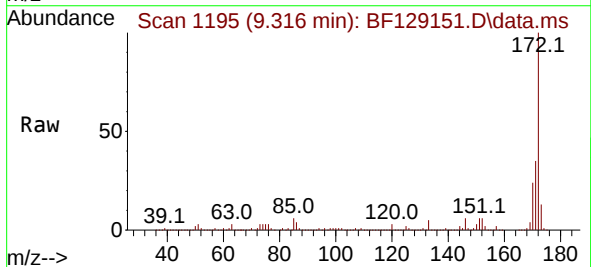
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BNA_F
ClientSampleId :
OK-03-070522

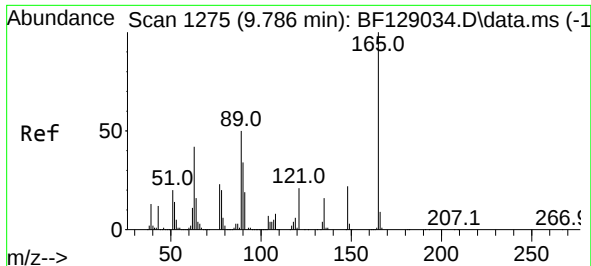
Tgt Ion:330 Resp: 403864
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 32.1 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 79.840 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

Tgt Ion:172 Resp: 1921252
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.0 19.8 29.8

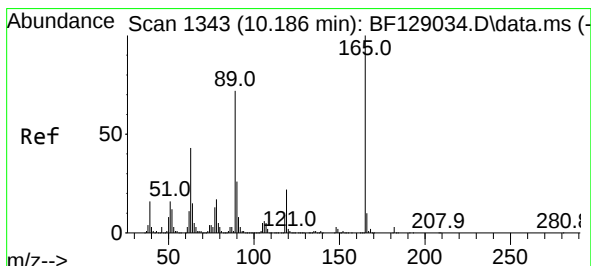
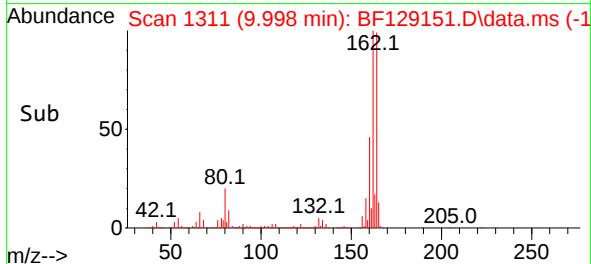
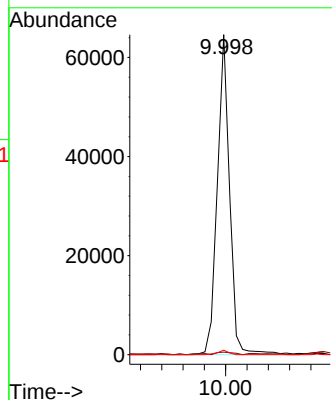
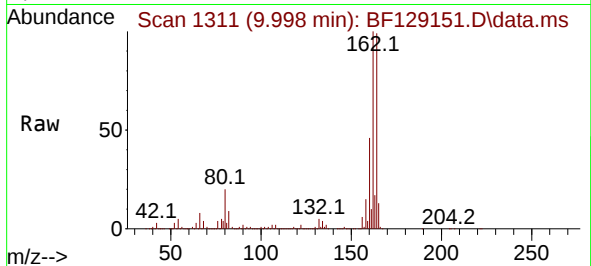




#51
2,6-Dinitrotoluene
Concen: 10.467 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

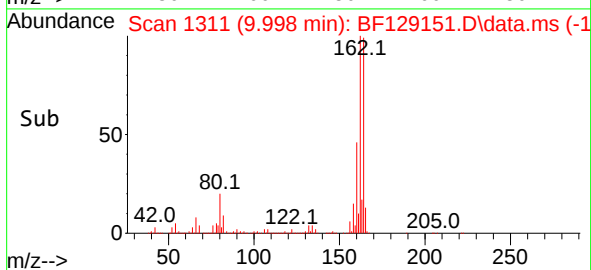
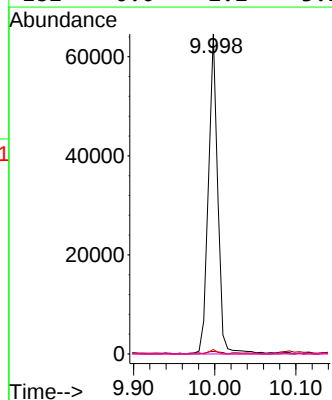
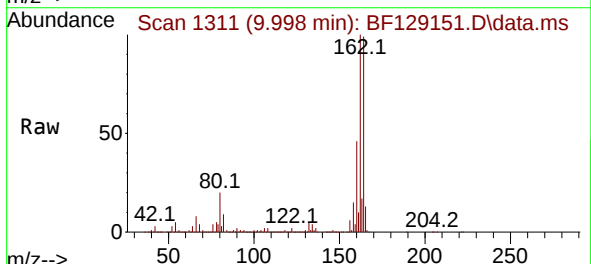
Instrument :
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ClientSampleId :
OK-03-070522

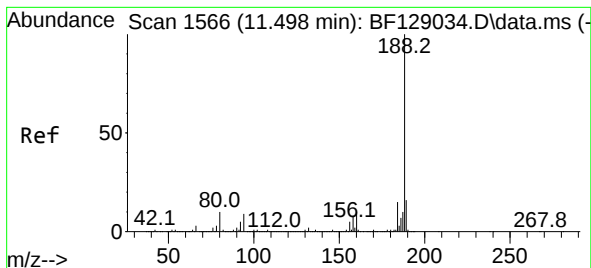
Tgt Ion:165 Resp: 51512
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.542 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

Tgt Ion:165 Resp: 51896
Ion Ratio Lower Upper
165 100
63 0.8 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: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129151.D

Acq: 06 Jul 2022 19:32

Instrument :

BNA_F

ClientSampleId :

OK-03-070522

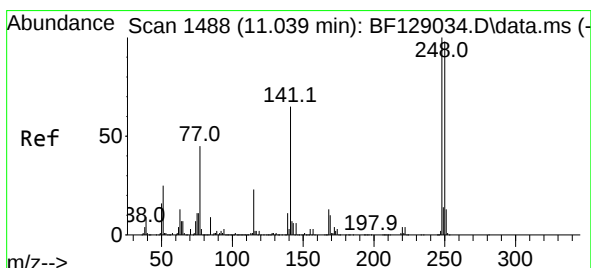
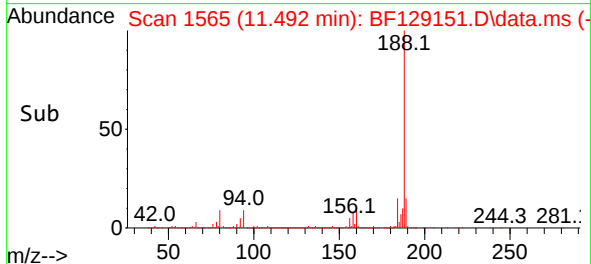
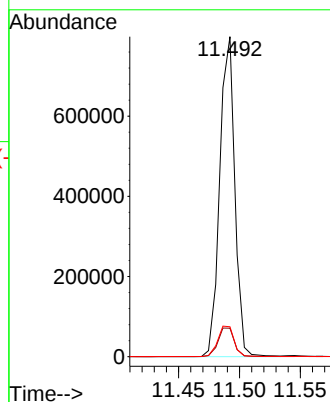
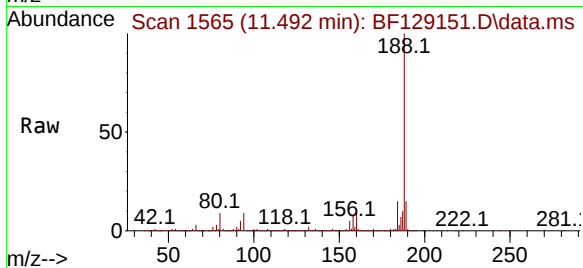
Tgt Ion:188 Resp: 691330

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.3 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.277 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129151.D

Acq: 06 Jul 2022 19:32

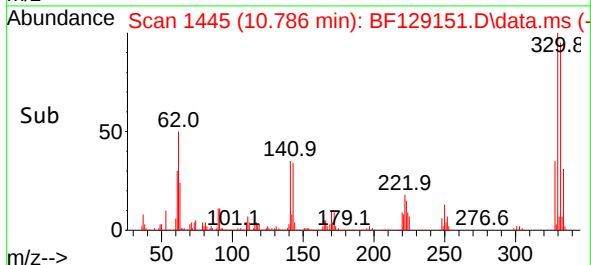
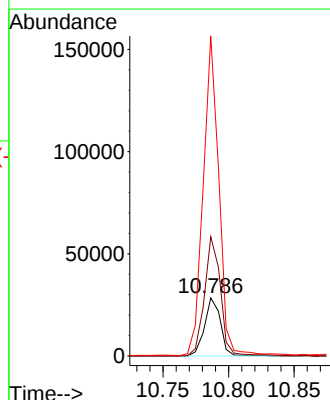
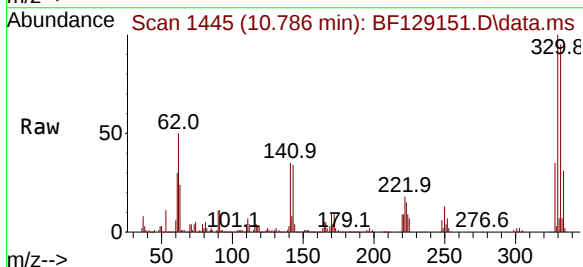
Tgt Ion:248 Resp: 24098

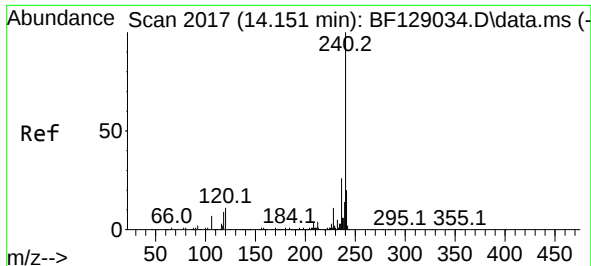
Ion Ratio Lower Upper

248 100

250 205.0 80.6 120.8#

141 550.5 58.9 88.3#

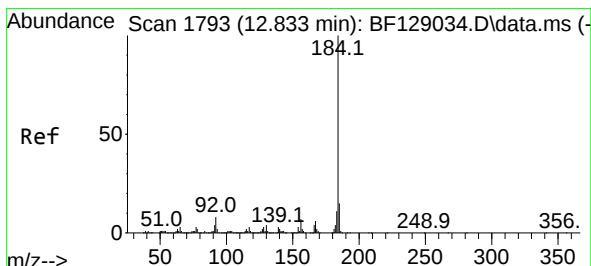
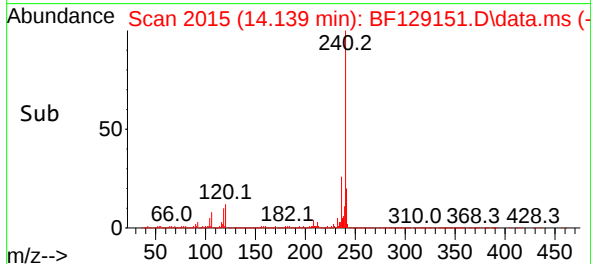
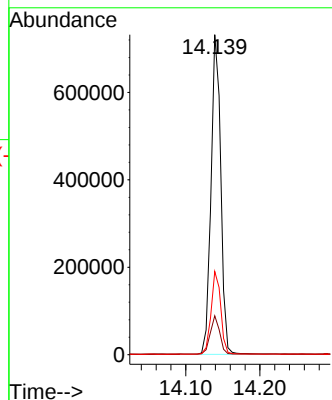
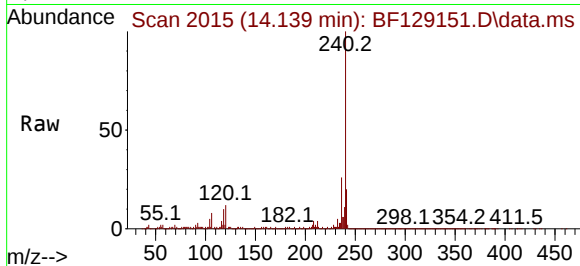




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

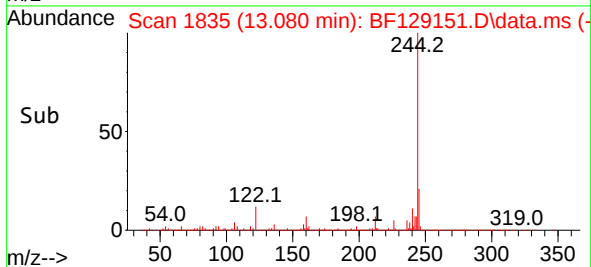
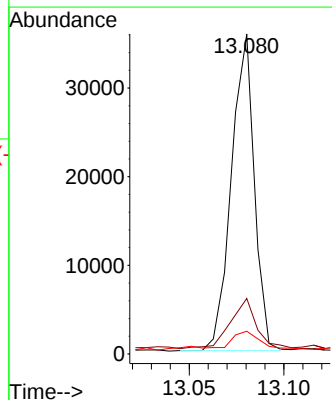
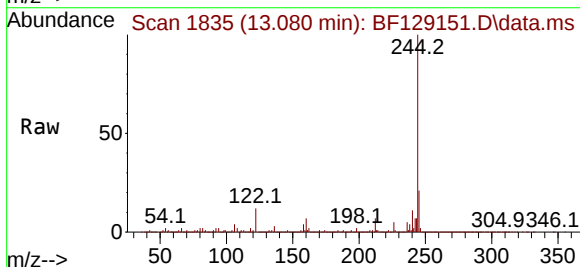
Instrument :
BNA_F
ClientSampleId :
OK-03-070522

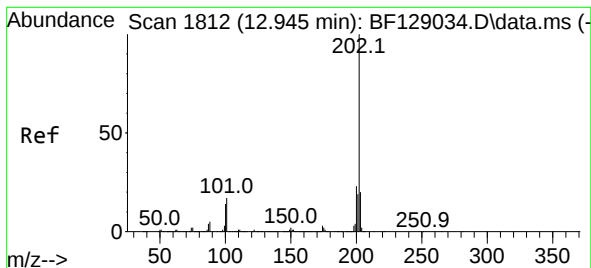
Tgt Ion:240 Resp: 667242
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.530 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129151.D
Acq: 06 Jul 2022 19:32

Tgt Ion:184 Resp: 30064
Ion Ratio Lower Upper
184 100
185 17.4 11.9 17.9
183 7.1 9.3 13.9#





#78

Pyrene

Concen: 2.157 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF129151.D

Acq: 06 Jul 2022 19:32

Instrument :

BNA_F

ClientSampleId :

OK-03-070522

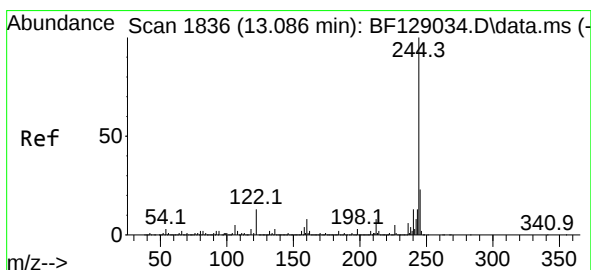
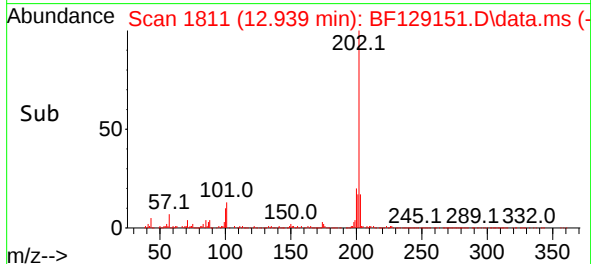
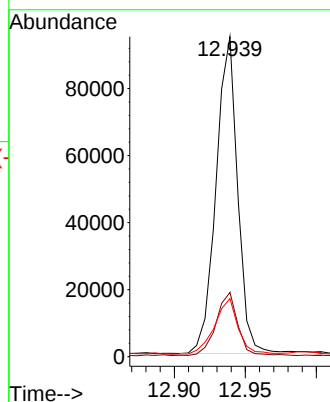
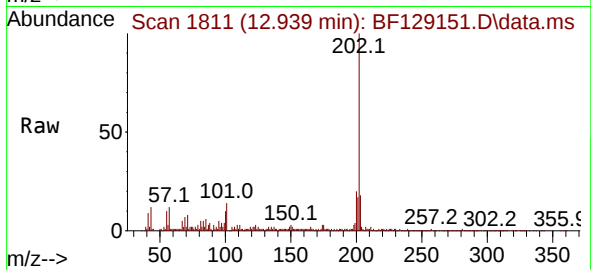
Tgt Ion:202 Resp: 99770

Ion Ratio Lower Upper

202 100

200 20.1 17.7 26.5

203 18.1 14.6 21.8



#79

Terphenyl-d14

Concen: 68.092 ng

RT: 13.080 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF129151.D

Acq: 06 Jul 2022 19:32

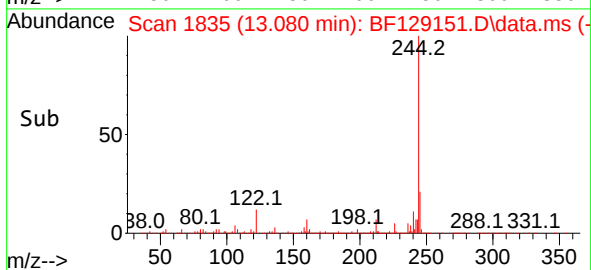
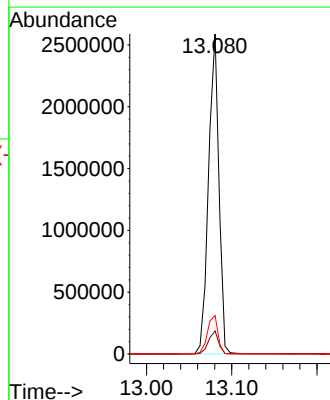
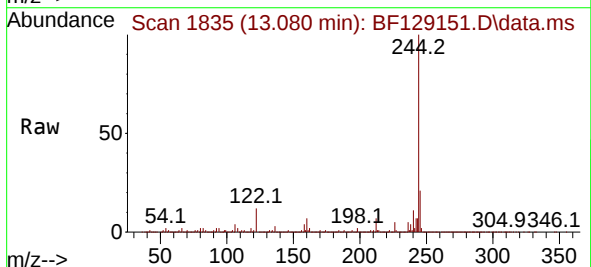
Tgt Ion:244 Resp: 2187867

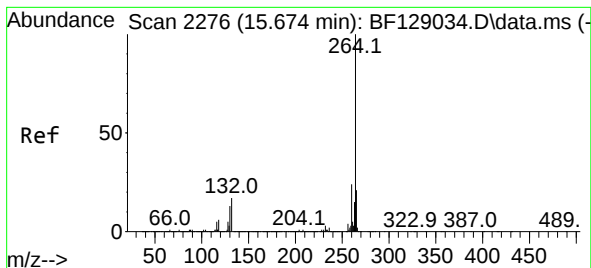
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 12.0 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: BF129151.D

Acq: 06 Jul 2022 19:32

Instrument :

BNA_F

ClientSampleId :

OK-03-070522

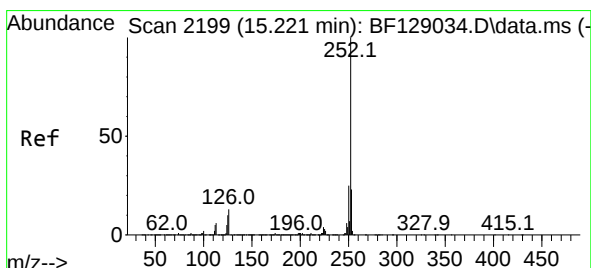
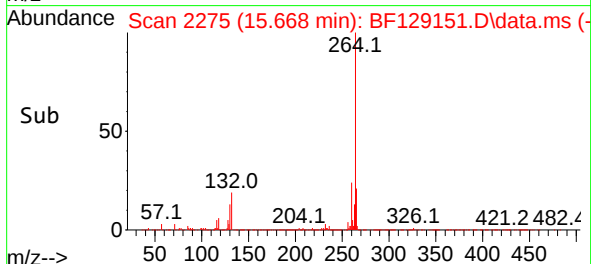
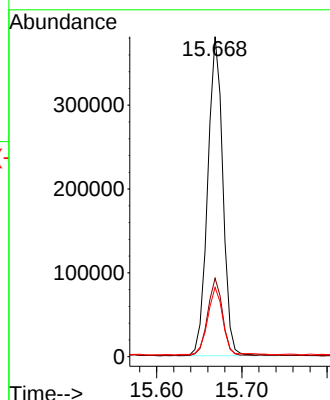
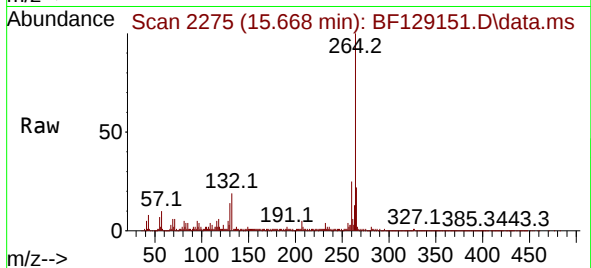
Tgt Ion:264 Resp: 469510

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 21.7 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.743 ng

RT: 15.210 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF129151.D

Acq: 06 Jul 2022 19:32

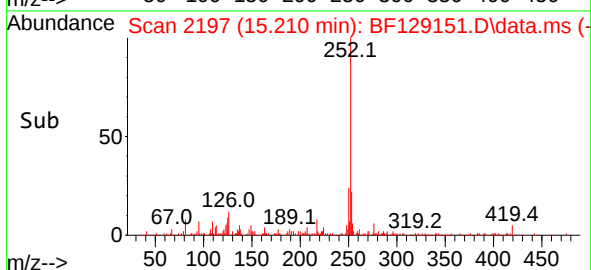
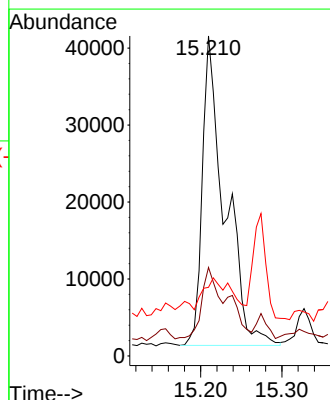
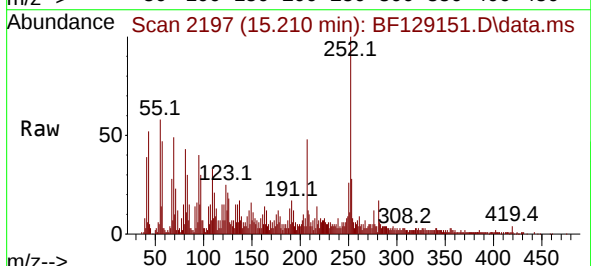
Tgt Ion:252 Resp: 77458

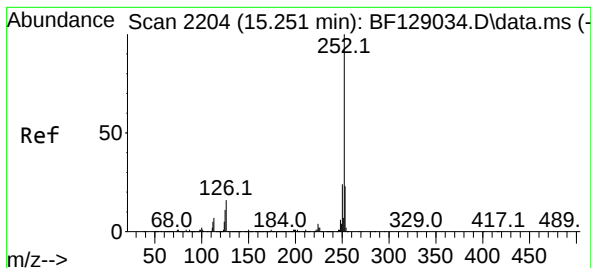
Ion Ratio Lower Upper

252 100

253 27.6 17.7 26.5#

125 21.4 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.828 ng

RT: 15.210 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF129151.D

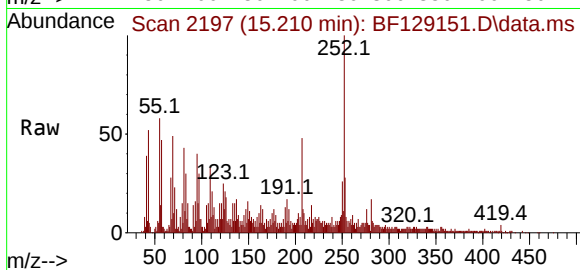
Acq: 06 Jul 2022 19:32

Instrument :

BNA_F

ClientSampleId :

OK-03-070522



Tgt Ion:252 Resp: 77458

Ion Ratio Lower Upper

252 100

253 27.6 17.8 26.6#

125 21.4 8.3 12.5#

