

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129490.D
 Acq On : 02 Aug 2022 00:09
 Operator : CG\JU
 Sample : N3896-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-60

Quant Time: Aug 02 01:19:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

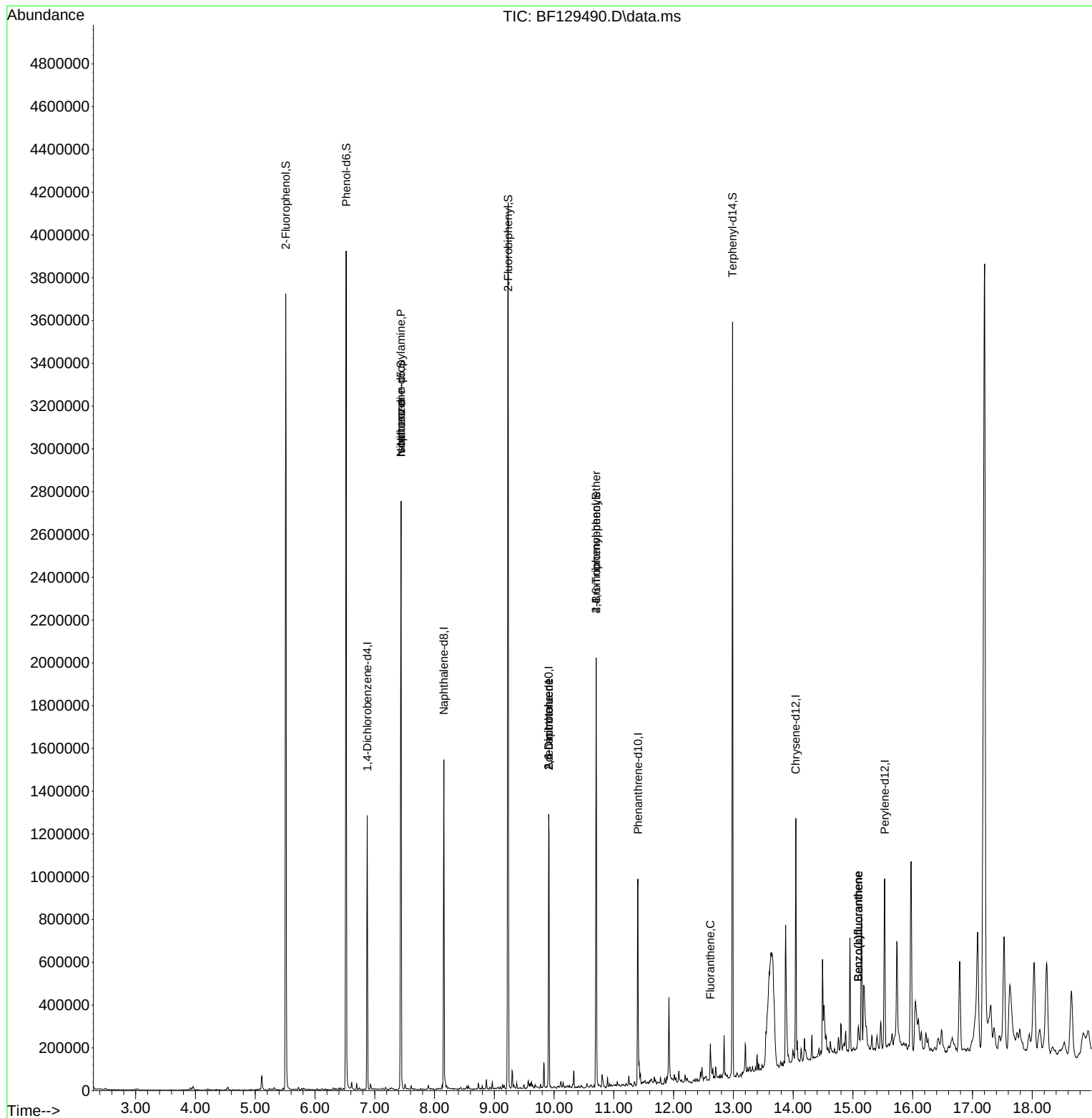
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	168619	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	613644	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	267255	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	348719	20.000	ng	0.00
76) Chrysene-d12	14.045	240	339699	20.000	ng	0.00
86) Perylene-d12	15.533	264	320278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	986902	95.343	ng	0.00
7) Phenol-d6	6.522	99	1207218	92.787	ng	0.00
23) Nitrobenzene-d5	7.439	82	805826	71.685	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	207238	80.654	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1333308	77.176	ng	0.00
79) Terphenyl-d14	12.986	244	1054733	58.577	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	108567	13.784	ng	# 73
25) Isophorone	7.439	82	805826	39.991	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	36048	8.730	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	36048	6.683	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	13396	3.508	ng	# 1
75) Fluoranthene	12.616	202	53962	2.798	ng	99
88) Benzo(b)fluoranthene	15.092	252	64039	3.014	ng	# 96
89) Benzo(k)fluoranthene	15.092	252	64039	3.076	ng	# 96

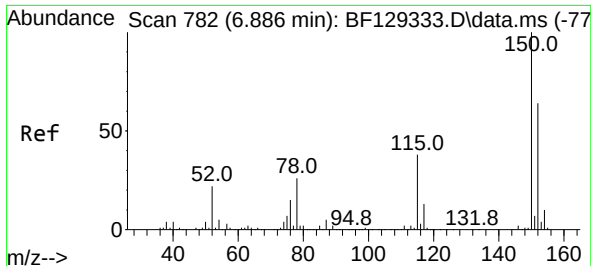
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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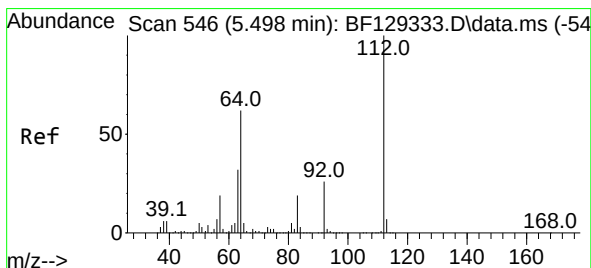
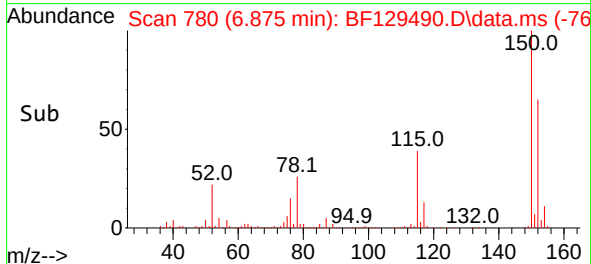
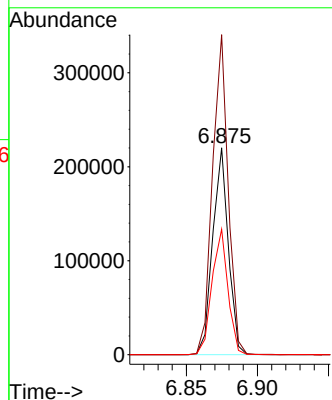
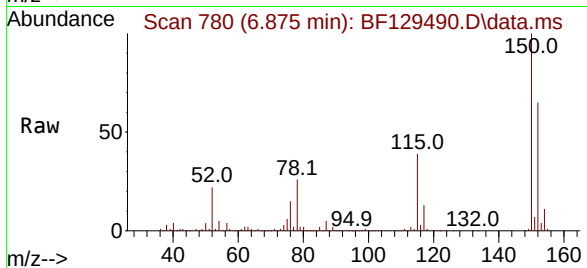




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129490.D
 Acq: 02 Aug 2022 00:09

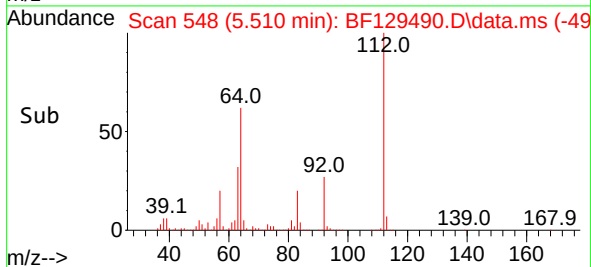
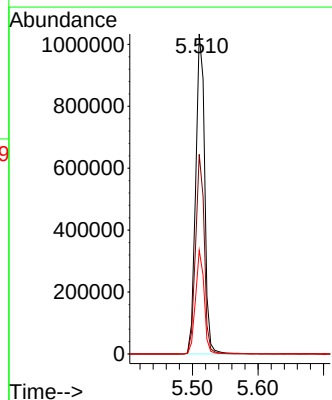
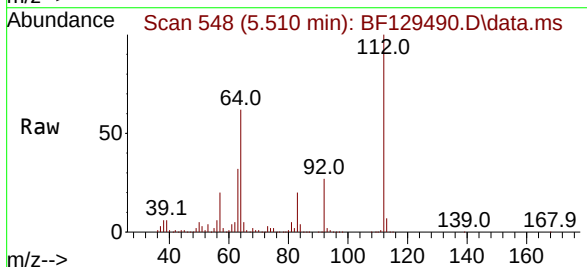
Instrument :
 BNA_F
 ClientSampleId :
 RVE-60

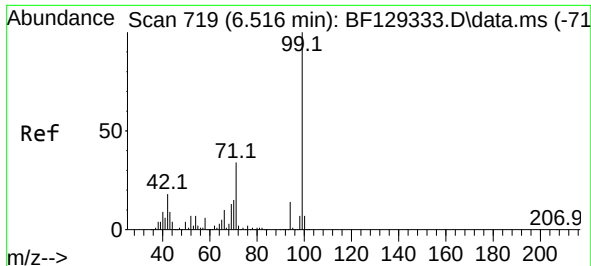
Tgt Ion:152 Resp: 168619
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.7 185.5
 115 60.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 95.343 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: BF129490.D
 Acq: 02 Aug 2022 00:09

Tgt Ion:112 Resp: 986902
 Ion Ratio Lower Upper
 112 100
 64 62.4 53.3 79.9
 63 32.4 28.0 42.0

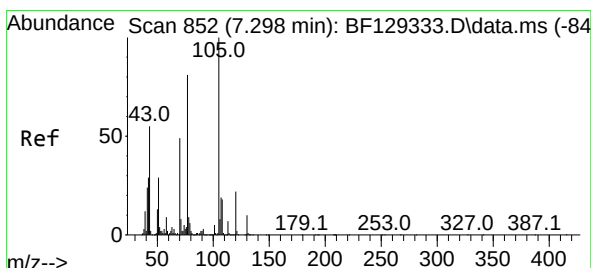
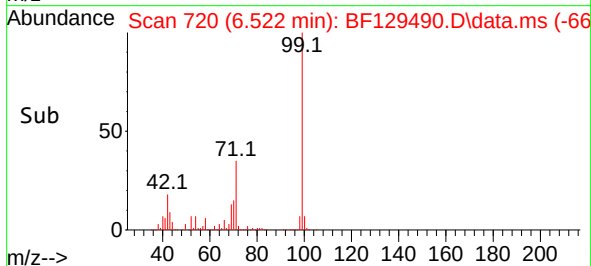
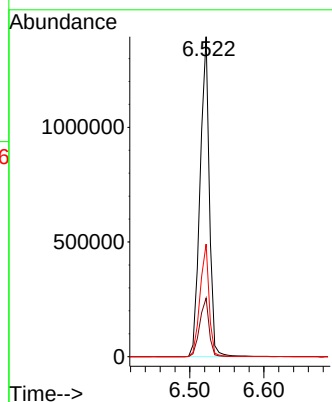
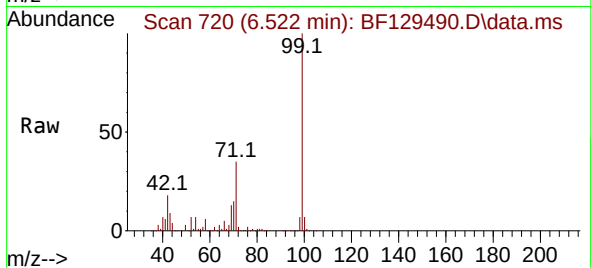




#7
Phenol-d6
Concen: 92.787 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

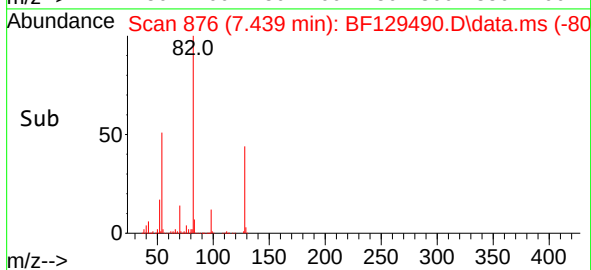
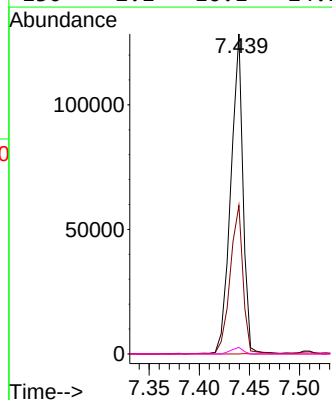
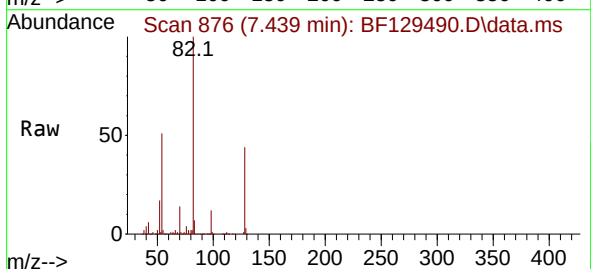
Instrument :
BNA_F
ClientSampleId :
RVE-60

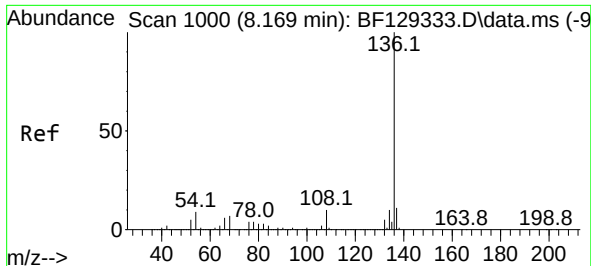
Tgt Ion: 99 Resp: 1207218
Ion Ratio Lower Upper
99 100
42 18.3 17.3 25.9
71 35.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.784 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

Tgt Ion: 70 Resp: 108567
Ion Ratio Lower Upper
70 100
42 46.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



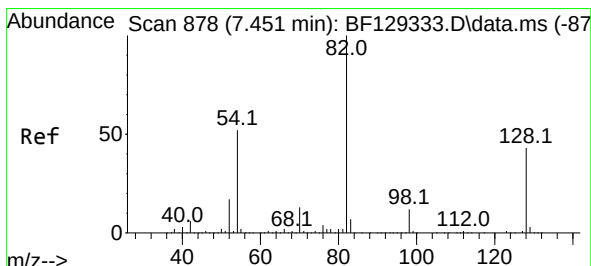
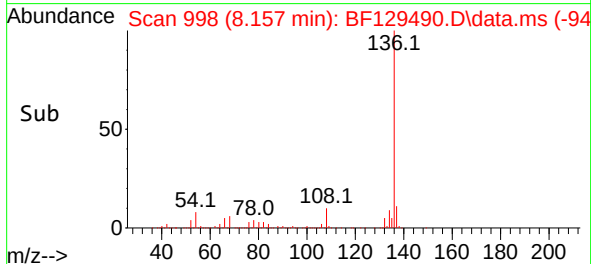
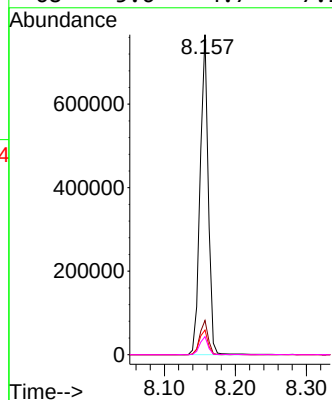
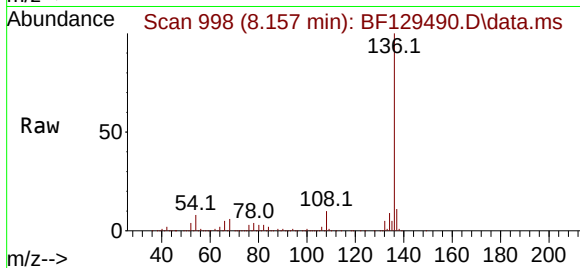


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

Instrument :
BNA_F
ClientSampleId :
RVE-60

Tgt Ion:136 Resp: 613644

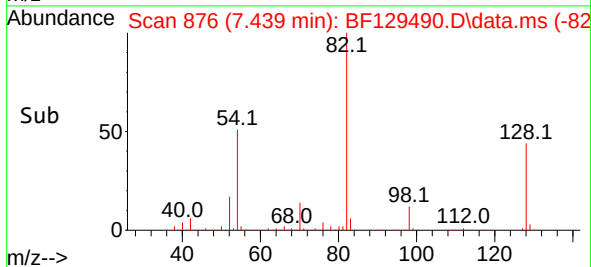
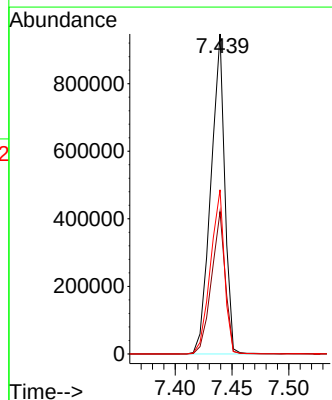
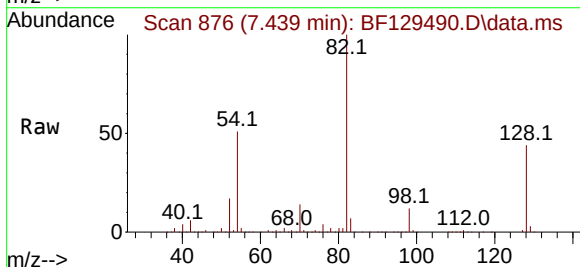
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	7.5	11.3
68	5.6	4.7	7.1

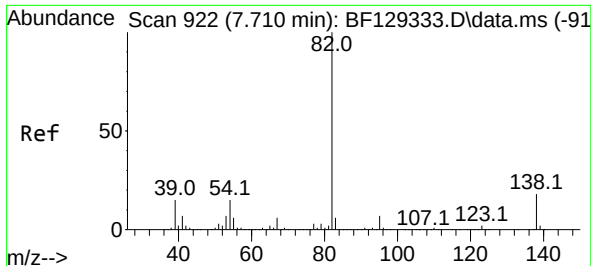


#23
Nitrobenzene-d5
Concen: 71.685 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

Tgt Ion: 82 Resp: 805826

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	51.3	46.9	70.3

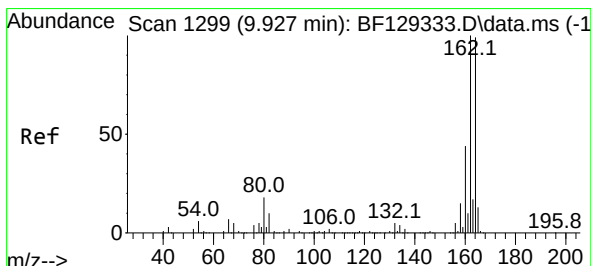
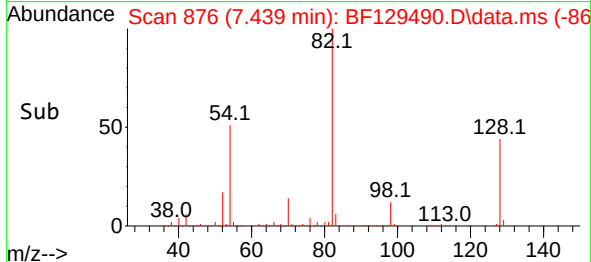
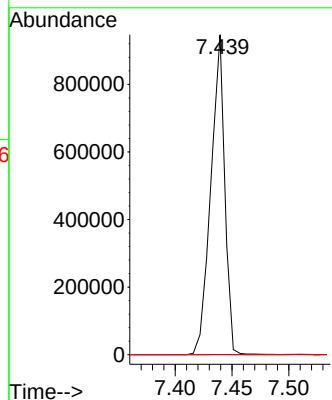
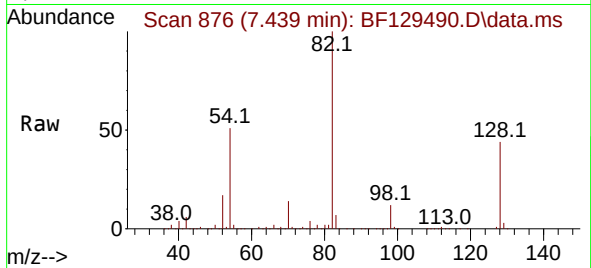




#25
Isophorone
Concen: 39.991 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

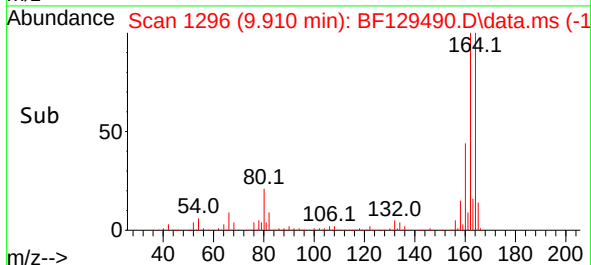
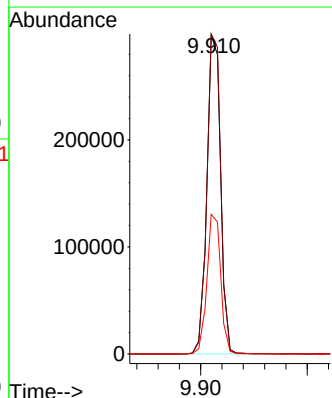
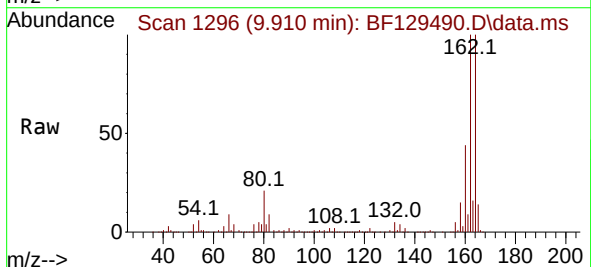
Instrument :
BNA_F
ClientSampleId :
RVE-60

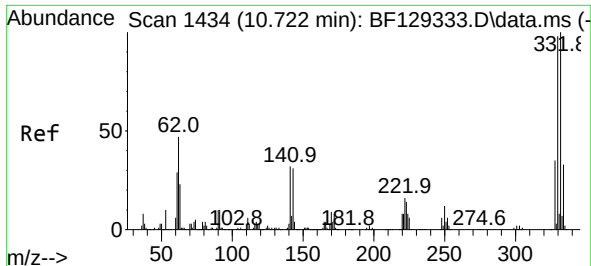
Tgt Ion: 82 Resp: 805826
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

Tgt Ion:164 Resp: 267255
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 80.654 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF129490.D

Acq: 02 Aug 2022 00:09

Instrument :

BNA_F

ClientSampleId :

RVE-60

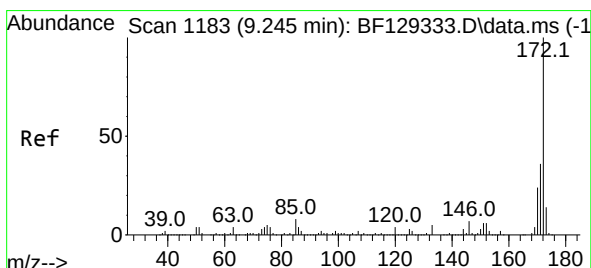
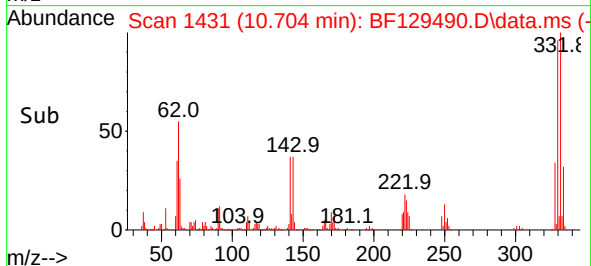
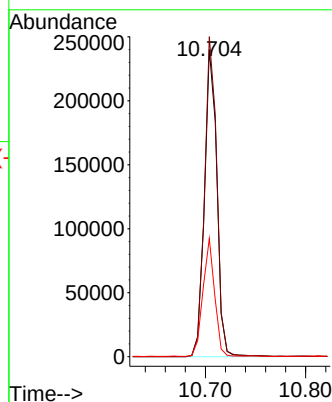
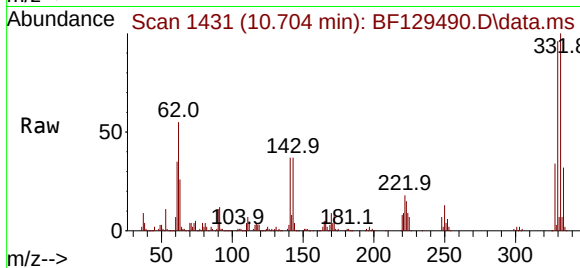
Tgt Ion:330 Resp: 207238

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 36.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.176 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129490.D

Acq: 02 Aug 2022 00:09

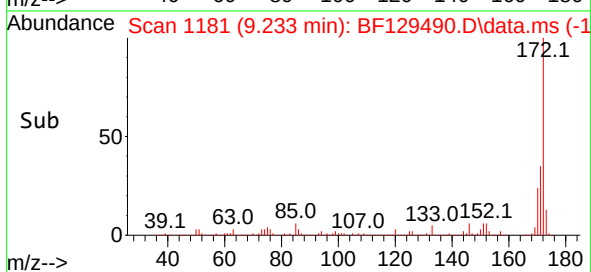
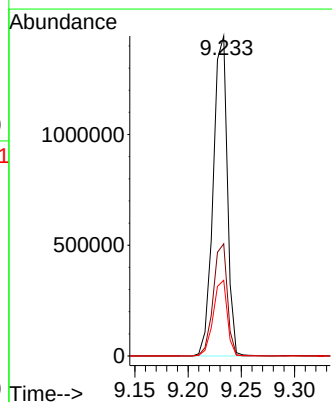
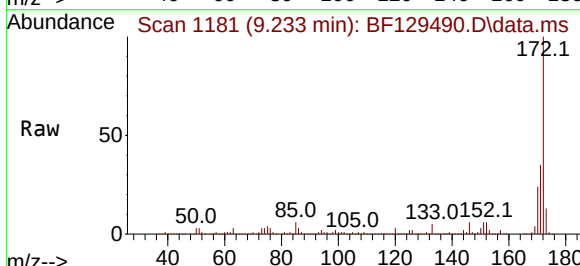
Tgt Ion:172 Resp: 1333308

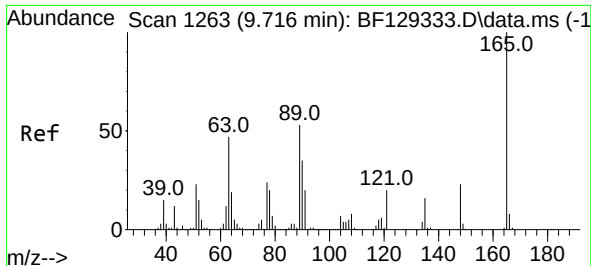
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.6 19.8 29.8

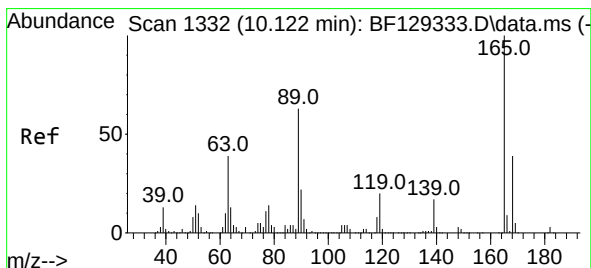
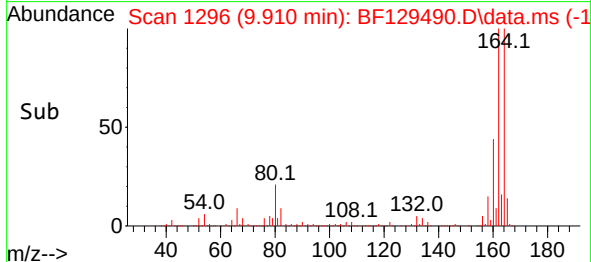
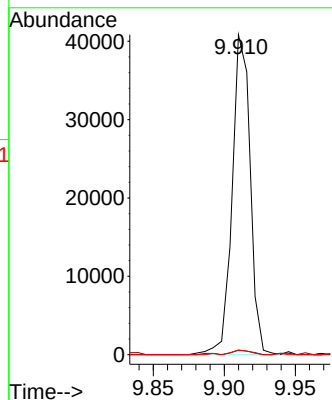
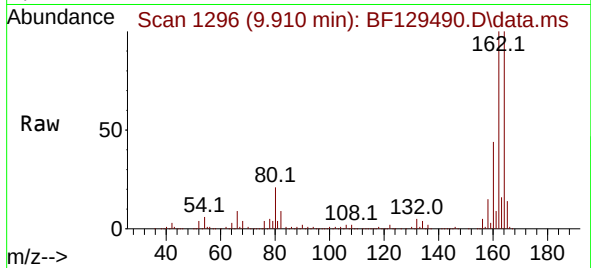




#51
2,6-Dinitrotoluene
Concen: 8.730 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

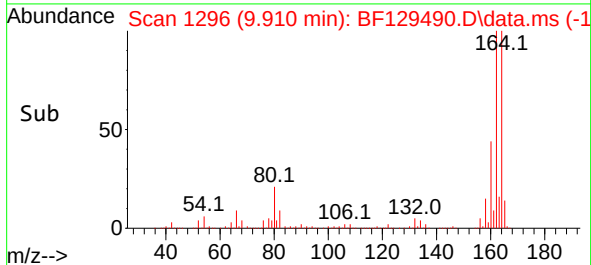
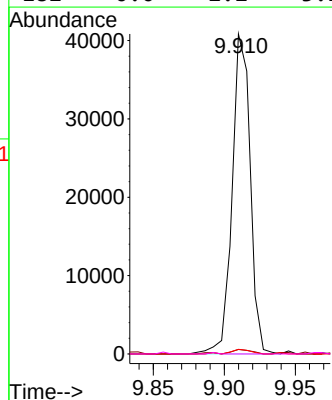
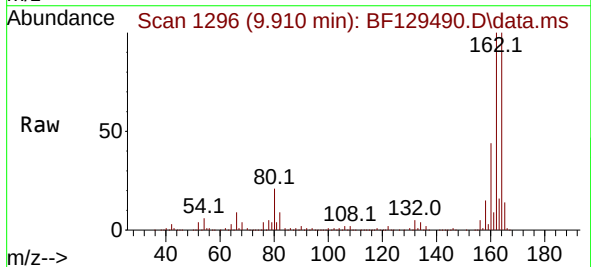
Instrument :
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ClientSampleId :
RVE-60

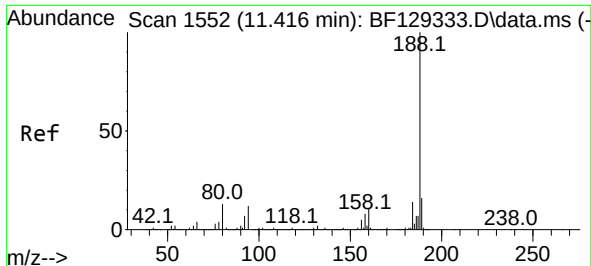
Tgt Ion:165 Resp: 36048
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.683 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

Tgt Ion:165 Resp: 36048
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

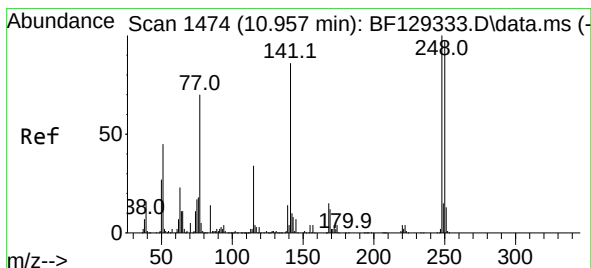
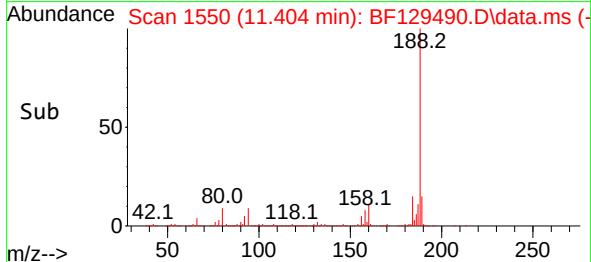
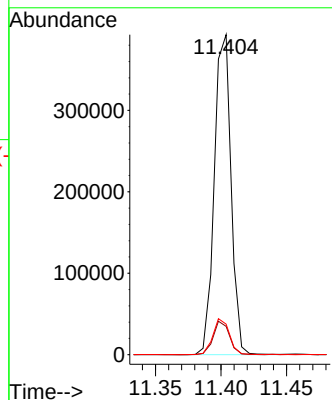
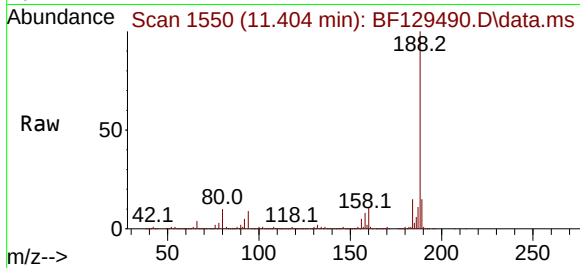




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

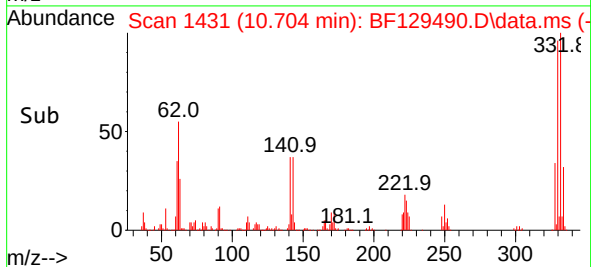
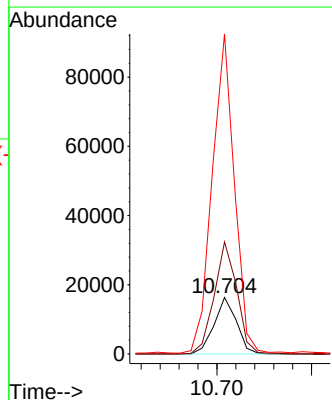
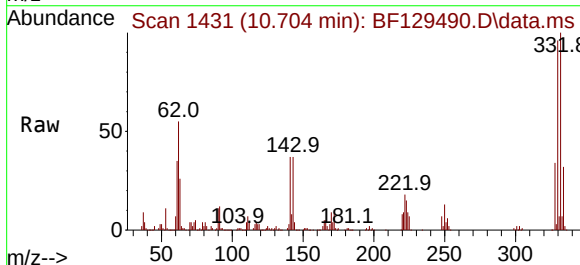
Instrument :
BNA_F
ClientSampleId :
RVE-60

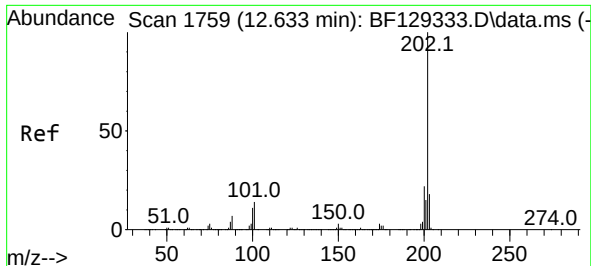
Tgt Ion:188 Resp: 348719
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.508 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

Tgt Ion:248 Resp: 13396
Ion Ratio Lower Upper
248 100
250 198.4 80.6 120.8#
141 566.6 58.9 88.3#

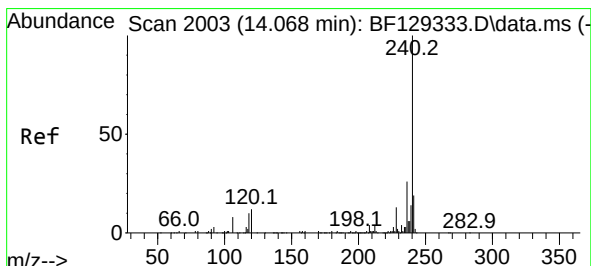
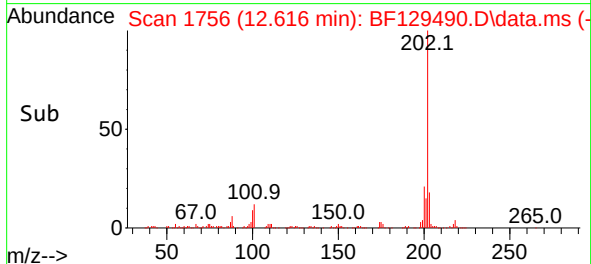
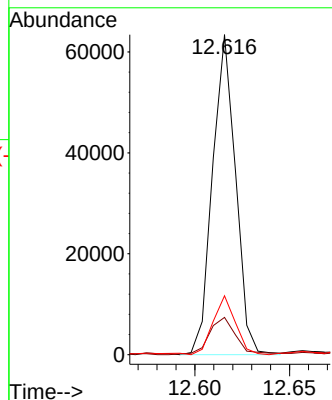
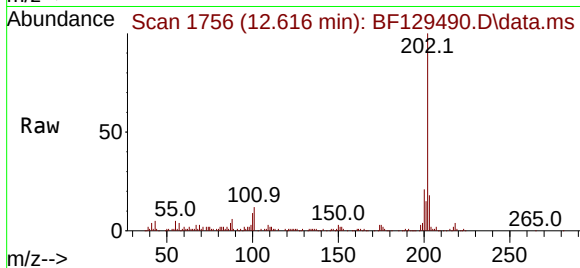




#75
Fluoranthene
Concen: 2.798 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

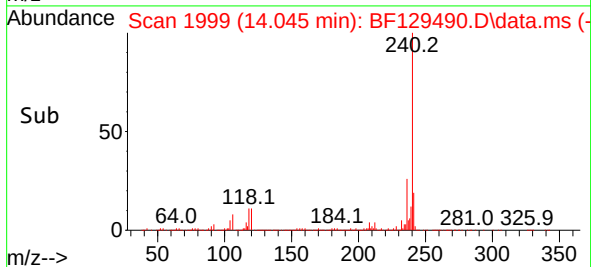
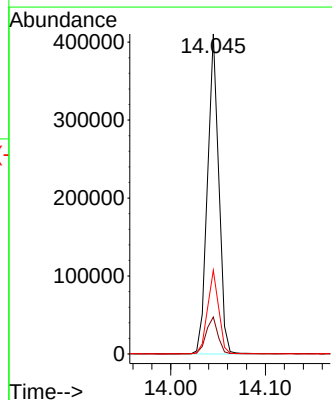
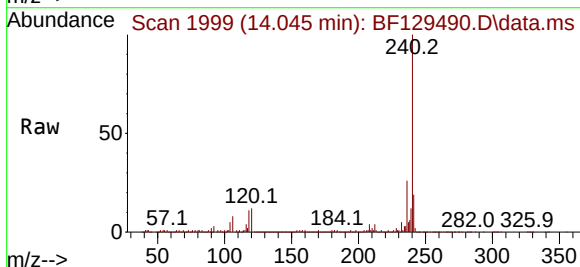
Instrument :
BNA_F
ClientSampleId :
RVE-60

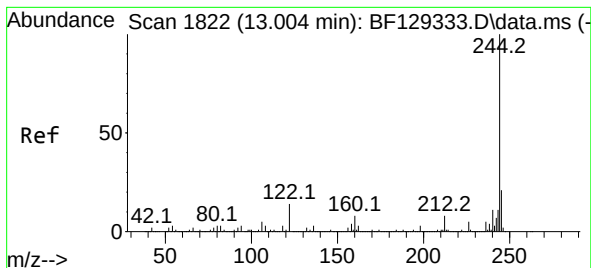
Tgt Ion:202 Resp: 53962
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

Tgt Ion:240 Resp: 339699
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 58.577 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BF129490.D

Acq: 02 Aug 2022 00:09

Instrument :

BNA_F

ClientSampleId :

RVE-60

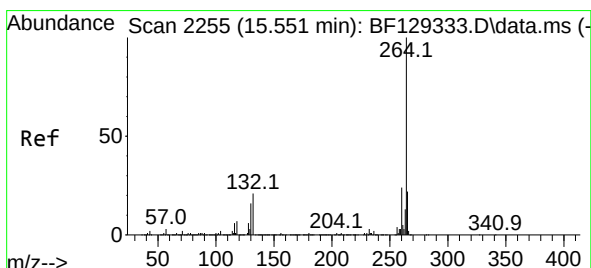
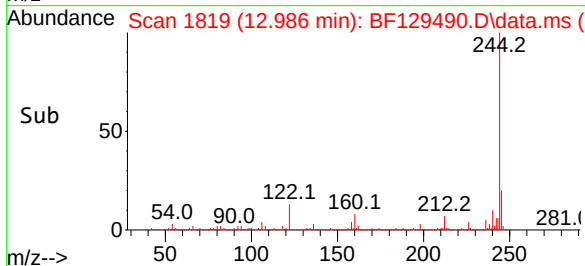
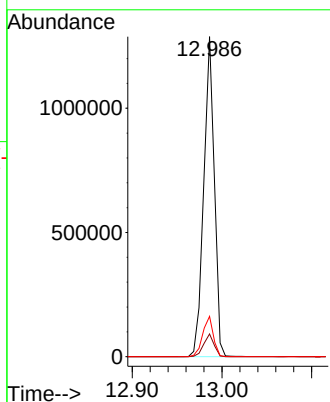
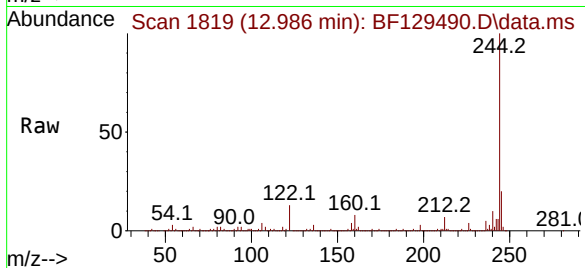
Tgt Ion:244 Resp: 1054733

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 12.6 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2252

Delta R.T. 0.006 min

Lab File: BF129490.D

Acq: 02 Aug 2022 00:09

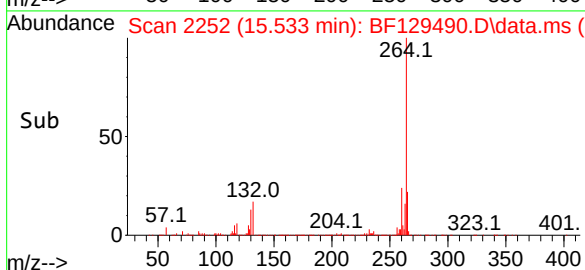
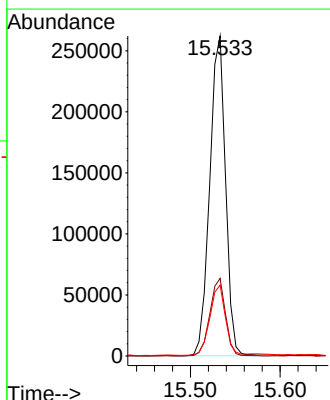
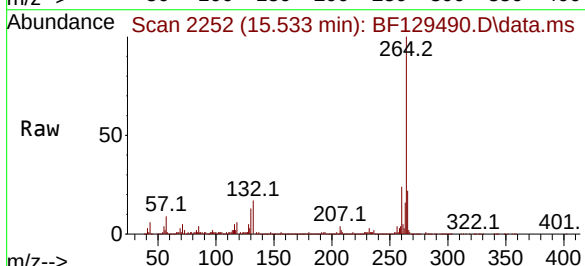
Tgt Ion:264 Resp: 320278

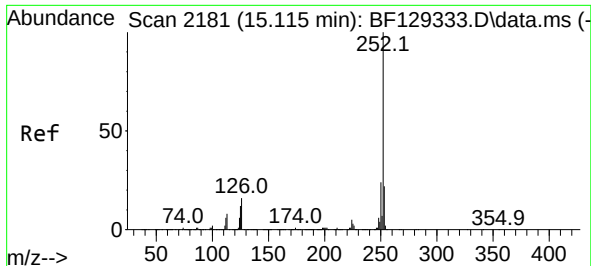
Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 22.1 17.2 25.8

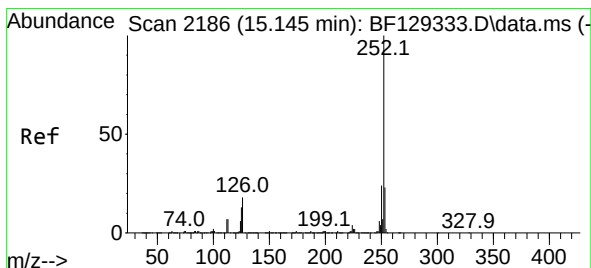
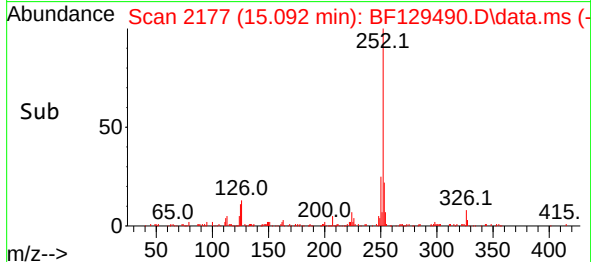
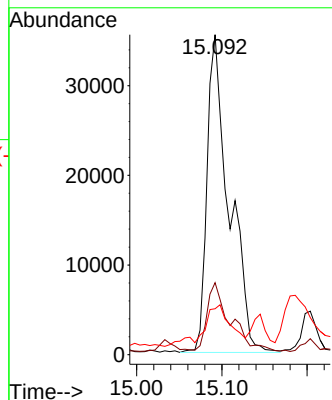
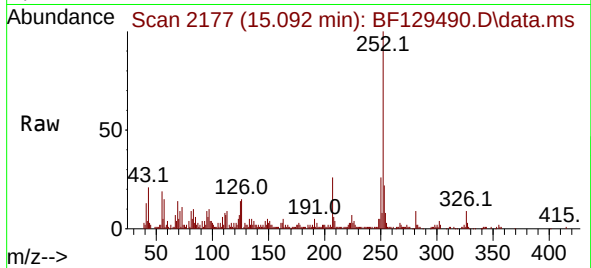




#88
Benzo(b)fluoranthene
Concen: 3.014 ng
RT: 15.092 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

Instrument :
BNA_F
ClientSampleId :
RVE-60

Tgt Ion:252 Resp: 64039
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 14.3 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.076 ng
RT: 15.092 min Scan# 2177
Delta R.T. -0.029 min
Lab File: BF129490.D
Acq: 02 Aug 2022 00:09

Tgt Ion:252 Resp: 64039
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 14.3 8.3 12.5#

