

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129518.D
 Acq On : 02 Aug 2022 21:04
 Operator : CG\JU
 Sample : N3927-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-90

Quant Time: Aug 03 01:47:59 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)

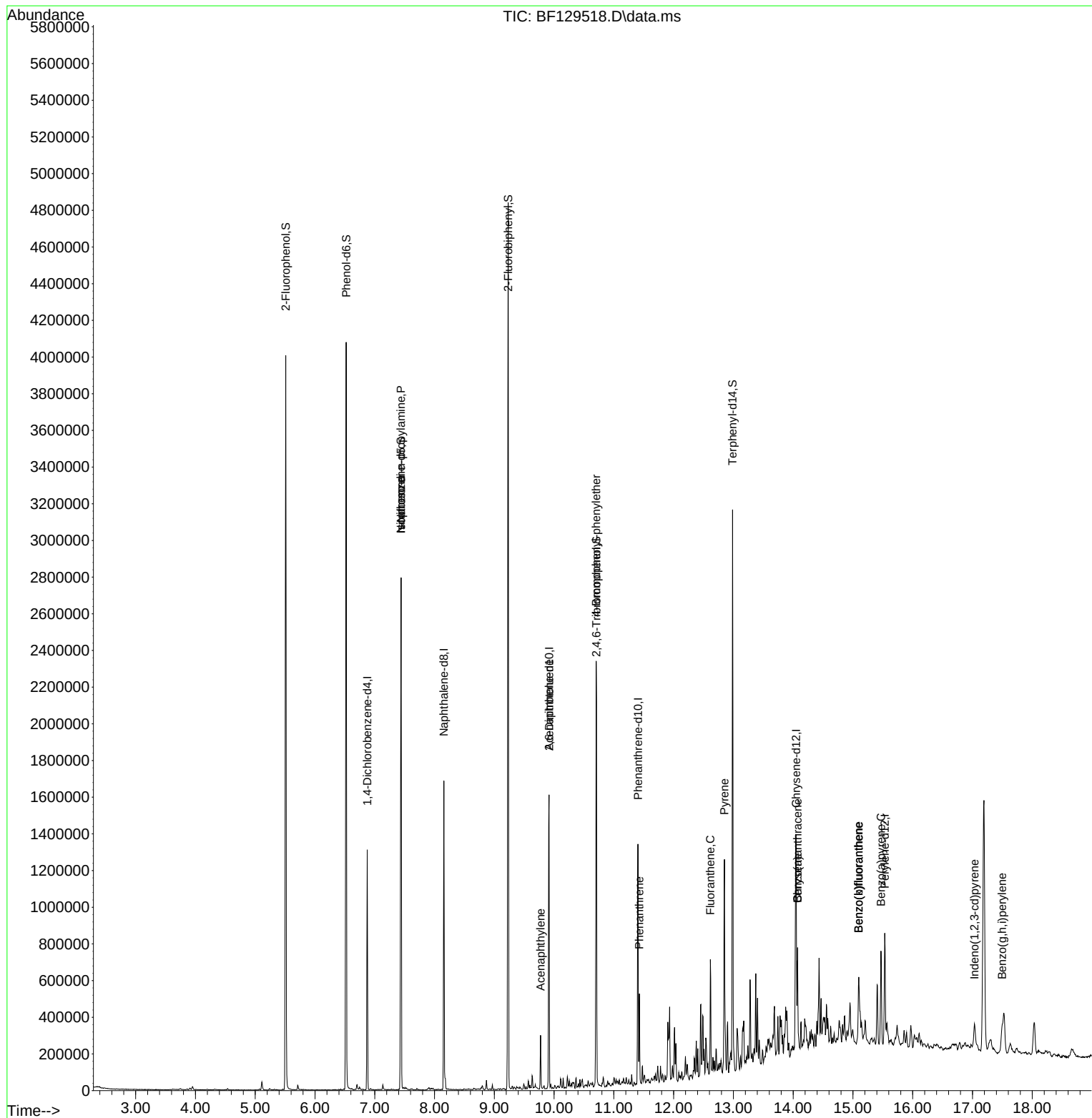
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	164400	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	640323	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	321204	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	440020	20.000	ng	0.00
76) Chrysene-d12	14.051	240	305238	20.000	ng	0.00
86) Perylene-d12	15.533	264	265978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1048423	103.886	ng	0.00
7) Phenol-d6	6.522	99	1306649	103.006	ng	0.00
23) Nitrobenzene-d5	7.439	82	834226	71.119	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	265302	85.910	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1371583	66.057	ng	0.00
79) Terphenyl-d14	12.986	244	927468	57.324	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	109722	14.288	ng	# 75
25) Isophorone	7.439	82	834215	39.675	ng	# 65
49) Acenaphthylene	9.775	152	109015	3.786	ng	99
51) 2,6-Dinitrotoluene	9.916	165	41037	8.269	ng	# 25
67) 4-Bromophenyl-phenylether	10.704	248	16999	3.528	ng	# 1
71) Phenanthrene	11.427	178	166508	6.932	ng	98
75) Fluoranthene	12.616	202	208537	8.569	ng	97
78) Pyrene	12.851	202	447683	17.539	ng	99
81) Benzo(a)anthracene	14.074	228	216753	10.395	ng	95
83) Chrysene	14.074	228	216753	11.030	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	81749	4.564	ng	97
88) Benzo(b)fluoranthene	15.098	252	263915	14.959	ng	98
89) Benzo(k)fluoranthene	15.098	252	263915	15.264	ng	98
90) Benzo(a)pyrene	15.468	252	209377	14.619	ng	# 95
92) Benzo(g,h,i)perylene	17.498	276	112326	7.540	ng	98

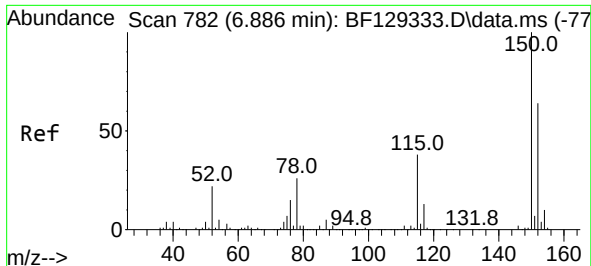
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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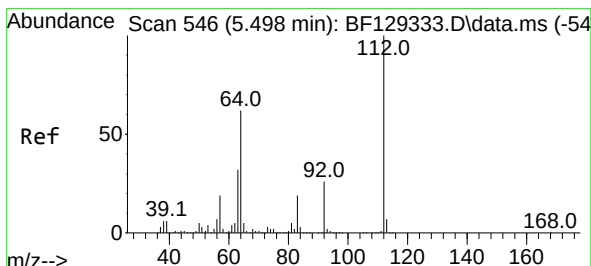
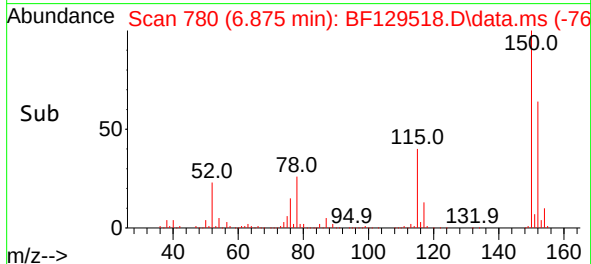
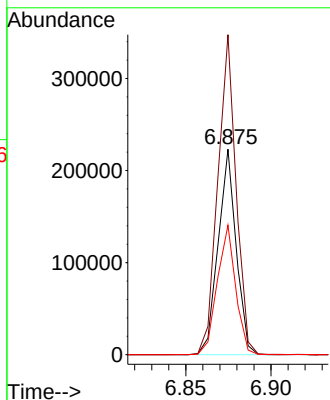
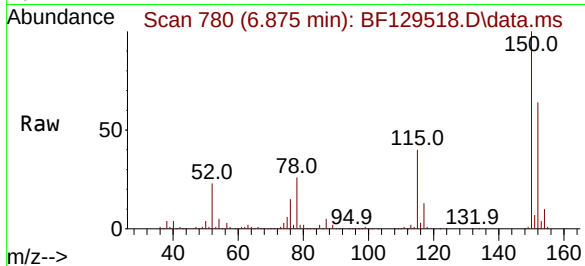




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

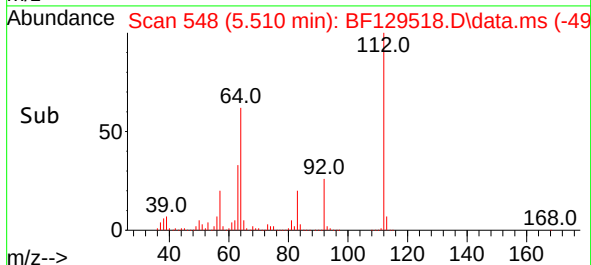
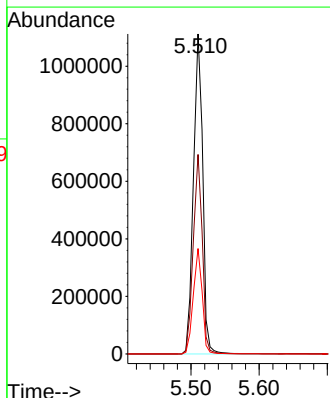
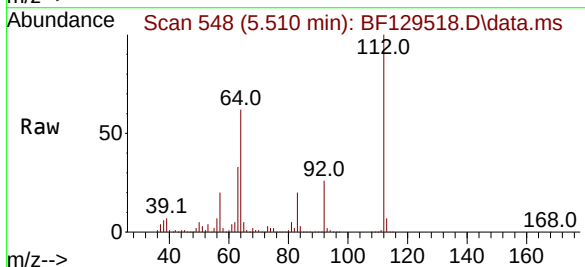
Instrument :
BNA_F
ClientSampleId :
RVE-90

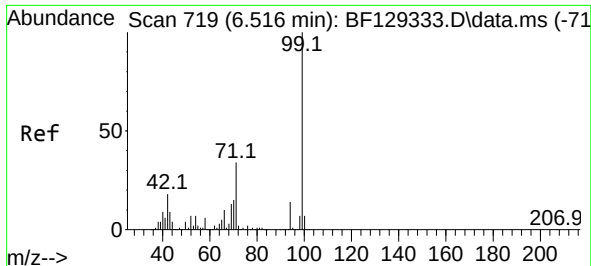
Tgt Ion:152 Resp: 164400
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 103.886 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.006 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

Tgt Ion:112 Resp: 1048423
Ion Ratio Lower Upper
112 100
64 62.4 53.3 79.9
63 32.9 28.0 42.0

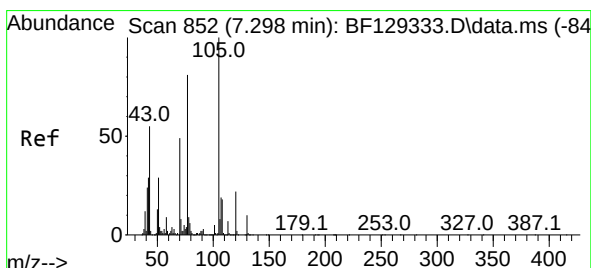
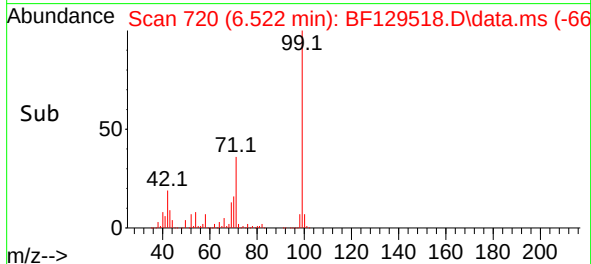
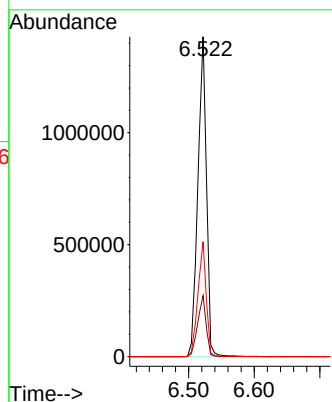
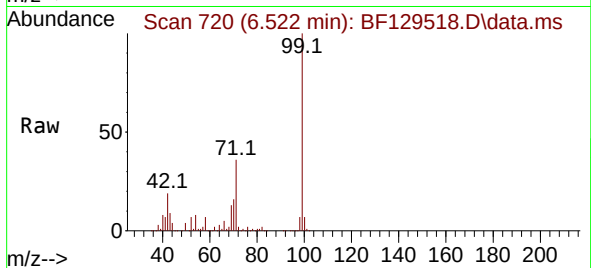




#7
Phenol-d6
Concen: 103.006 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

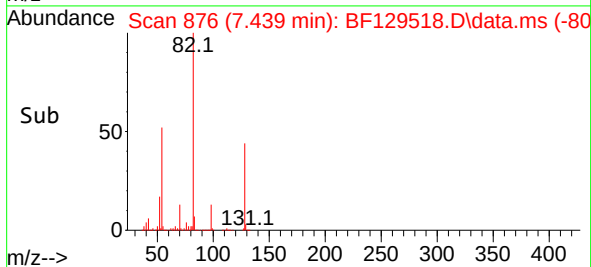
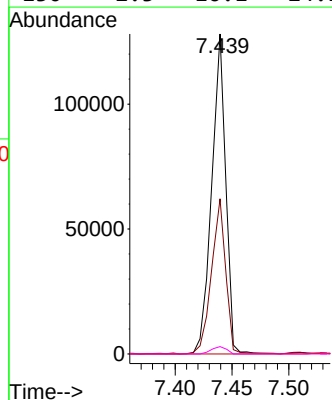
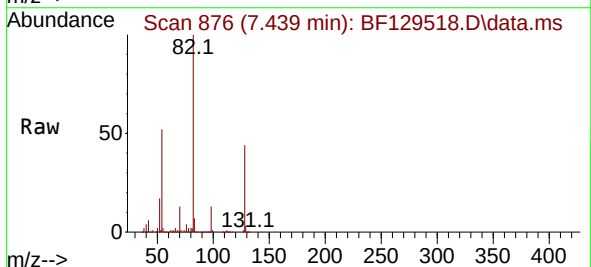
Instrument :
BNA_F
ClientSampleId :
RVE-90

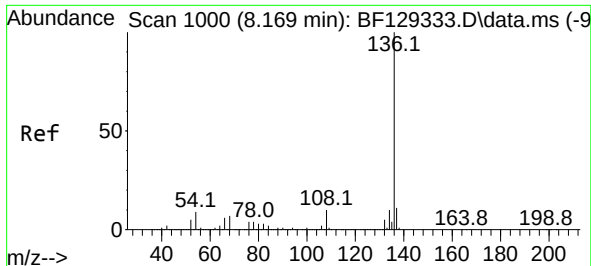
Tgt Ion: 99 Resp: 1306649
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 36.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.288 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

Tgt Ion: 70 Resp: 109722
Ion Ratio Lower Upper
70 100
42 48.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



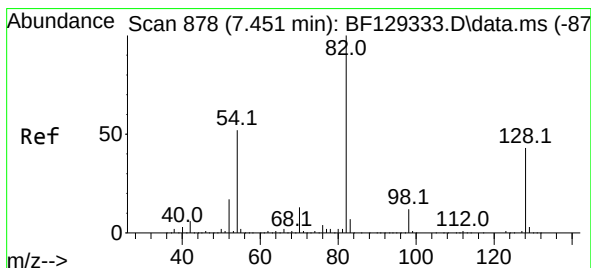
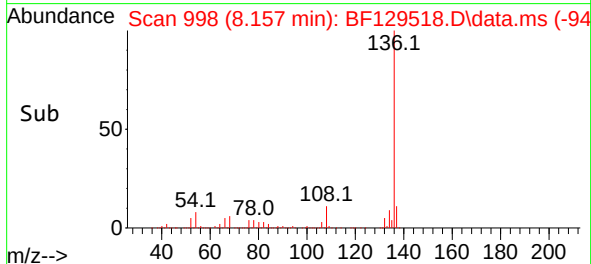
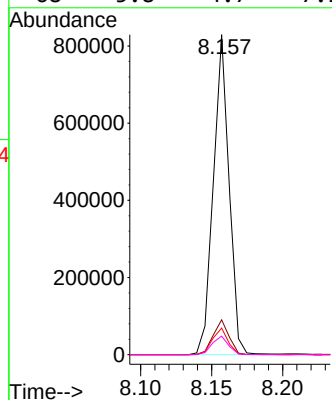
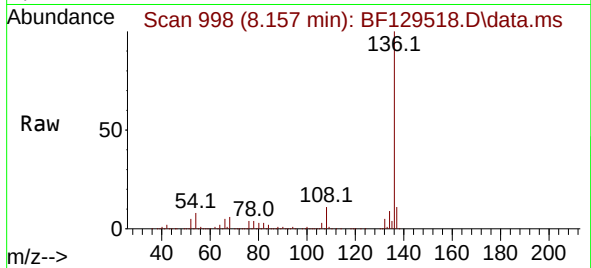


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

Instrument :
BNA_F
ClientSampleId :
RVE-90

Tgt Ion:136 Resp: 640323

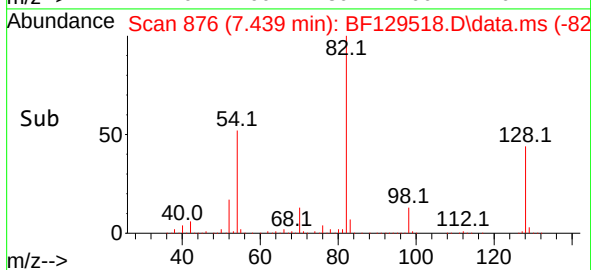
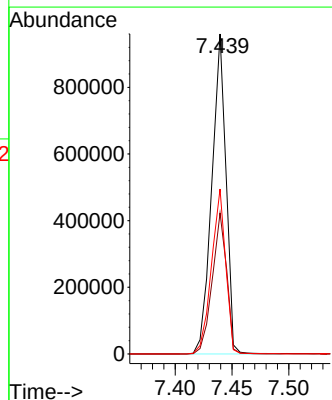
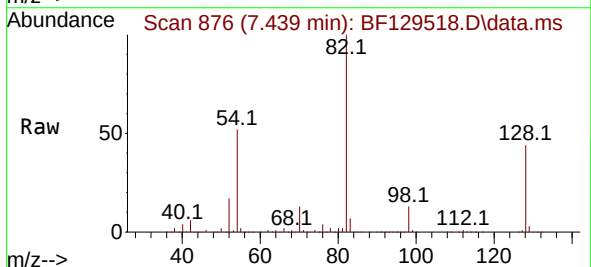
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.3	7.5	11.3
68	5.8	4.7	7.1

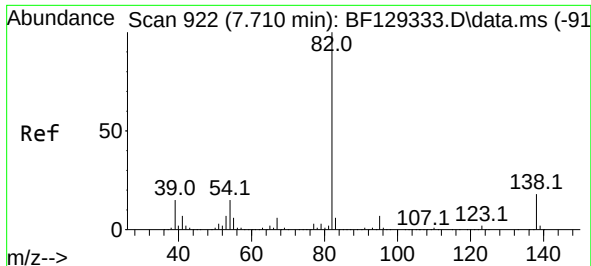


#23
Nitrobenzene-d5
Concen: 71.119 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

Tgt Ion: 82 Resp: 834226

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	51.6	46.9	70.3

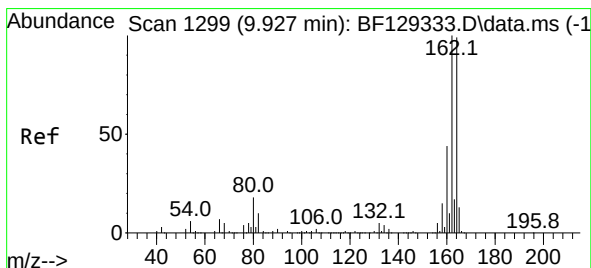
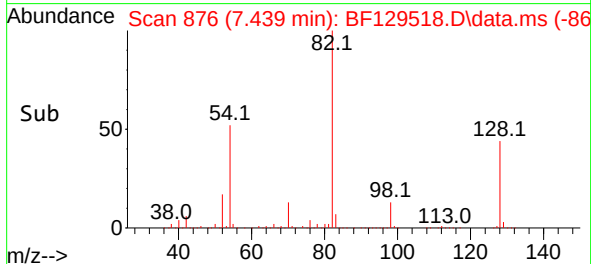
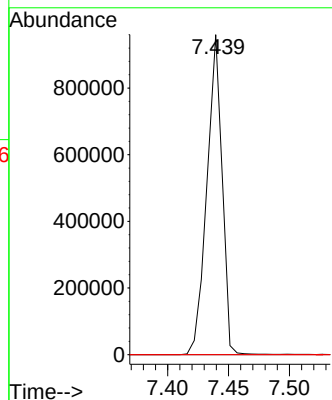
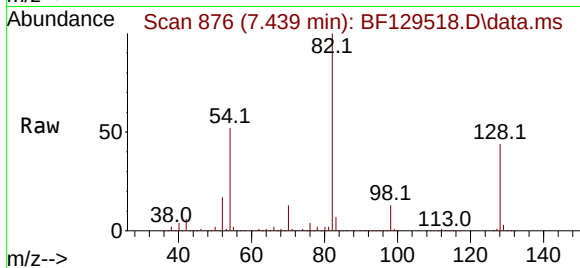




#25
Isophorone
Concen: 39.675 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

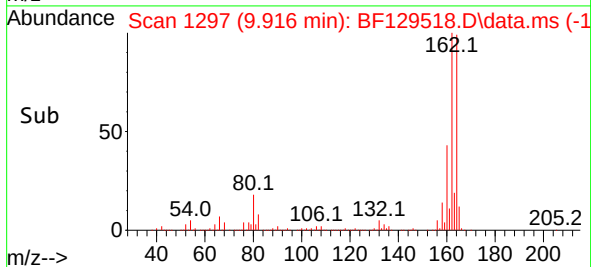
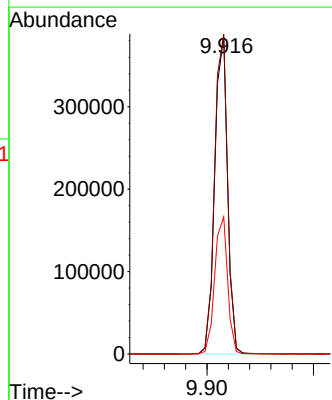
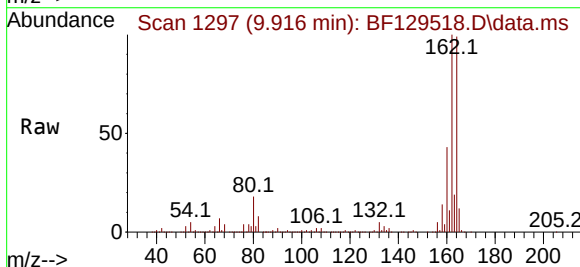
Instrument :
BNA_F
ClientSampleId :
RVE-90

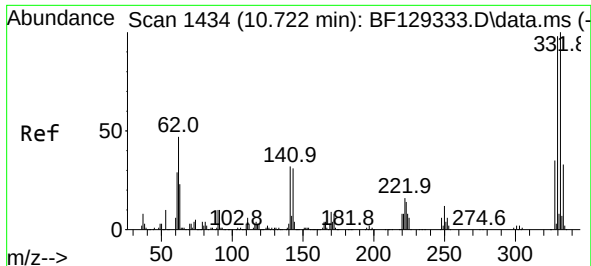
Tgt Ion: 82 Resp: 834215
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

Tgt Ion:164 Resp: 321204
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 43.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 85.910 ng

RT: 10.710 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129518.D

Acq: 02 Aug 2022 21:04

Instrument :

BNA_F

ClientSampleId :

RVE-90

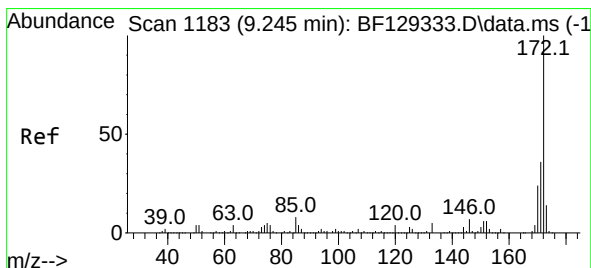
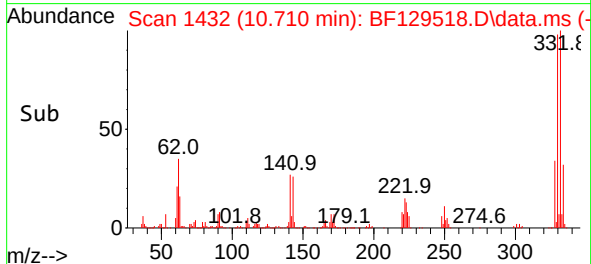
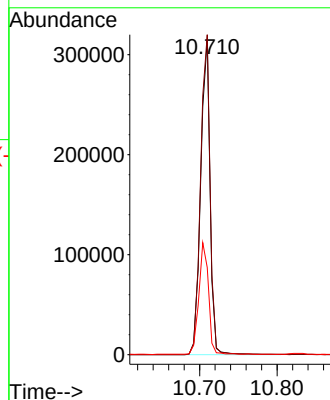
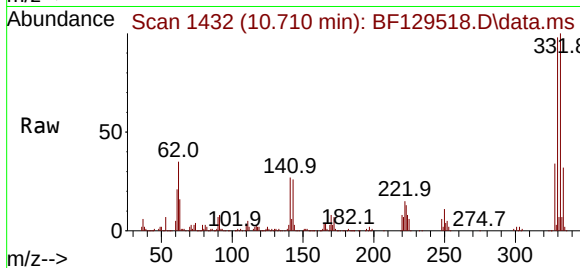
Tgt Ion:330 Resp: 265302

Ion Ratio Lower Upper

330 100

332 103.3 76.8 115.2

141 36.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 66.057 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129518.D

Acq: 02 Aug 2022 21:04

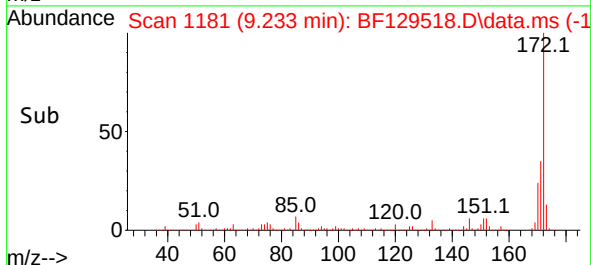
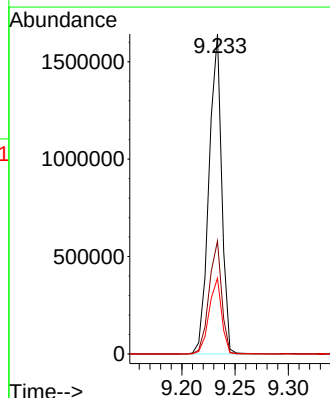
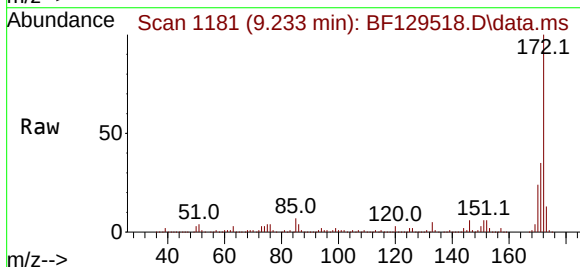
Tgt Ion:172 Resp: 1371583

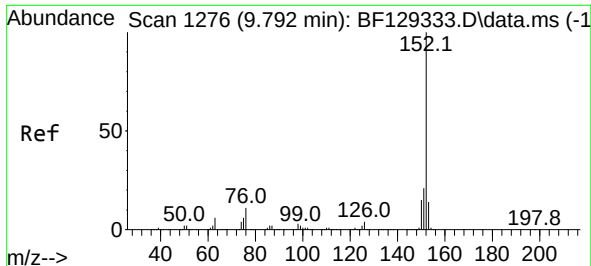
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.7 19.8 29.8





#49

Acenaphthylene

Concen: 3.786 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129518.D

Acq: 02 Aug 2022 21:04

Instrument :

BNA_F

ClientSampleId :

RVE-90

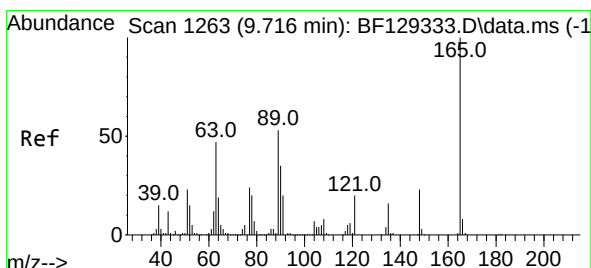
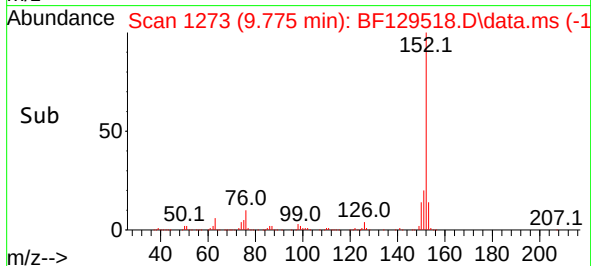
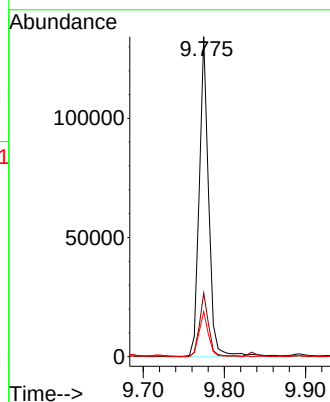
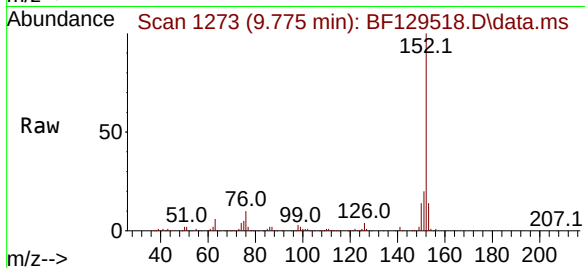
Tgt Ion:152 Resp: 109015

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 14.1 10.7 16.1



#51

2,6-Dinitrotoluene

Concen: 8.269 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129518.D

Acq: 02 Aug 2022 21:04

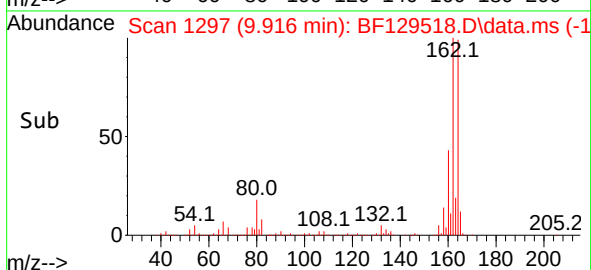
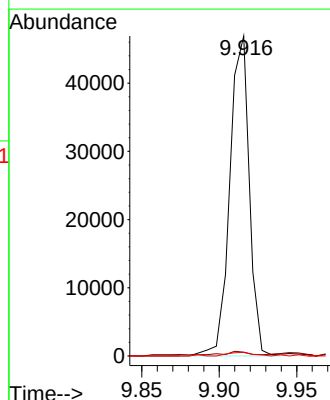
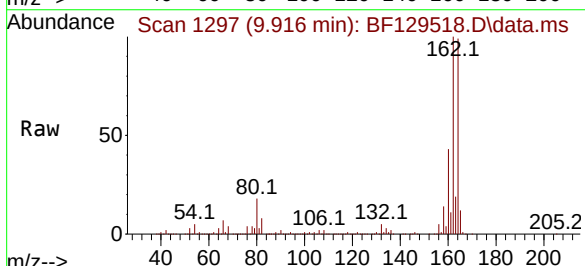
Tgt Ion:165 Resp: 41037

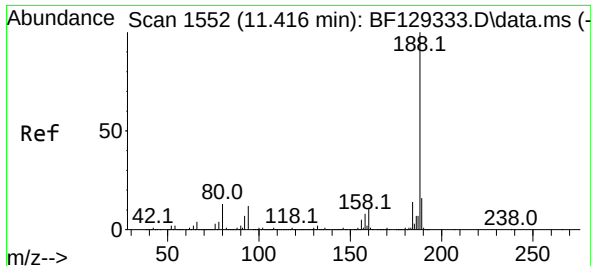
Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.1 43.6 65.4#

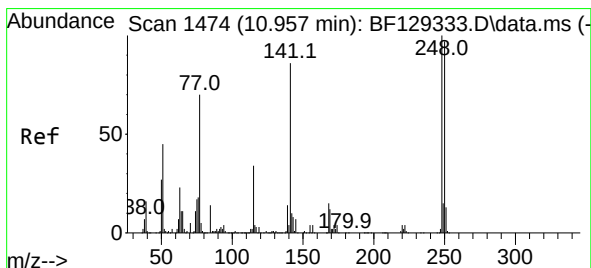
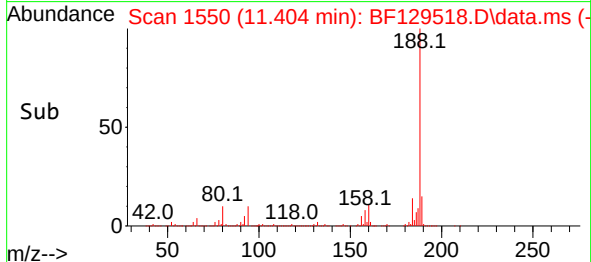
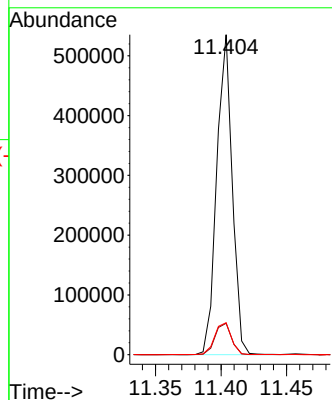
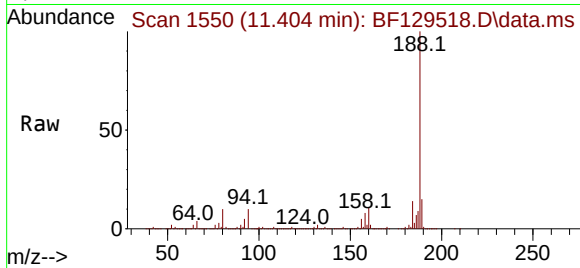




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

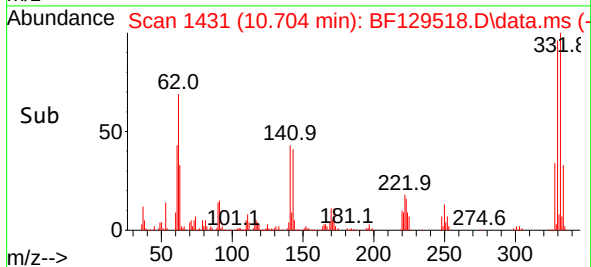
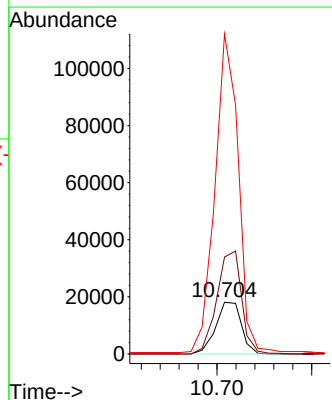
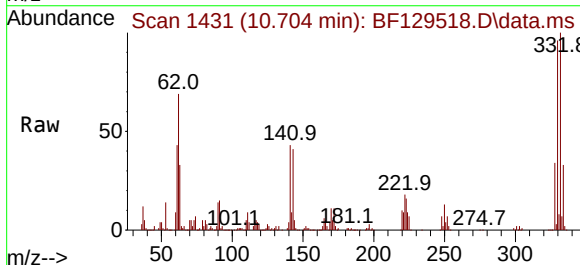
Instrument :
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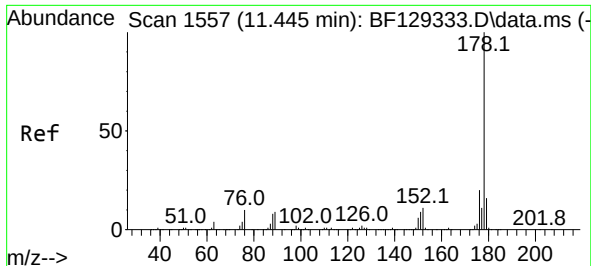
Tgt Ion:188 Resp: 440020
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.528 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

Tgt Ion:248 Resp: 16999
Ion Ratio Lower Upper
248 100
250 187.5 80.6 120.8#
141 619.1 58.9 88.3#

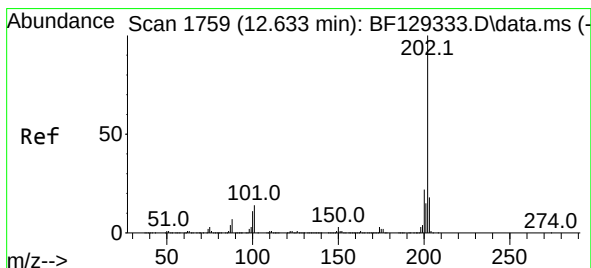
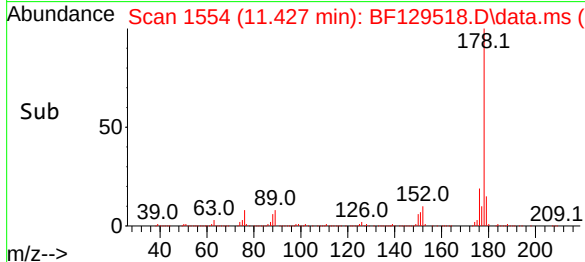
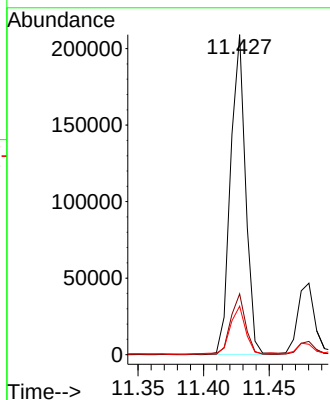
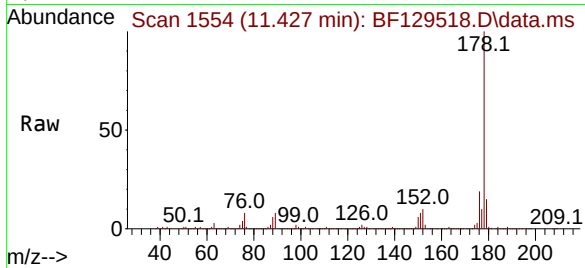




#71
Phenanthrene
Concen: 6.932 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

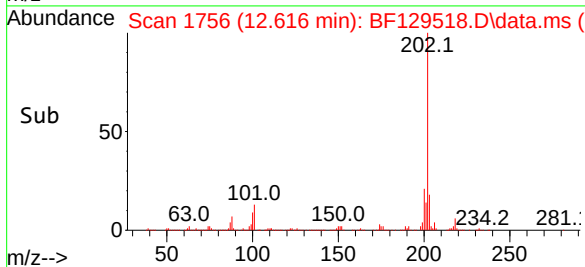
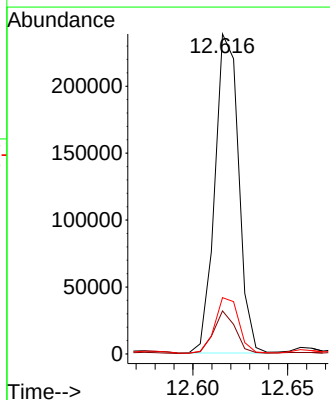
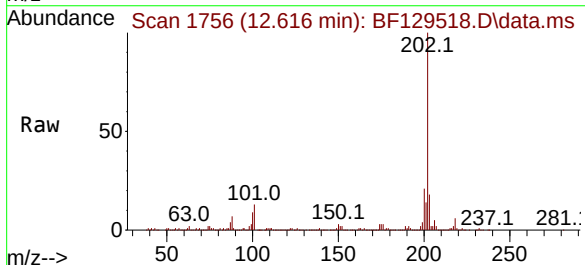
Instrument :
BNA_F
ClientSampleId :
RVE-90

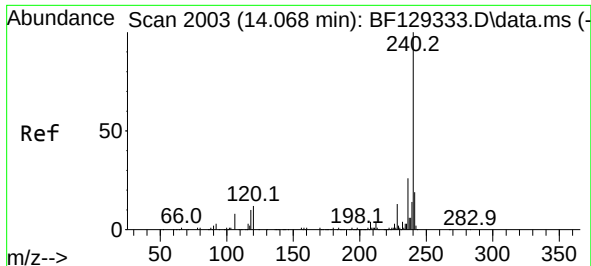
Tgt Ion:178 Resp: 166508
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.2 12.6 19.0



#75
Fluoranthene
Concen: 8.569 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

Tgt Ion:202 Resp: 208537
Ion Ratio Lower Upper
202 100
101 13.5 0.0 31.4
203 17.6 0.0 38.0

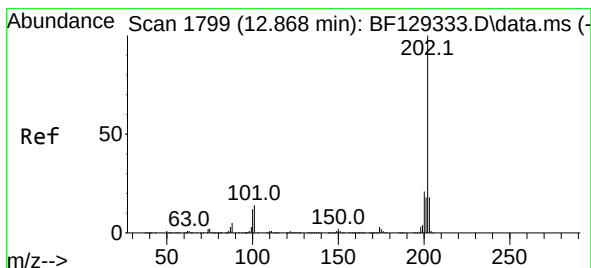
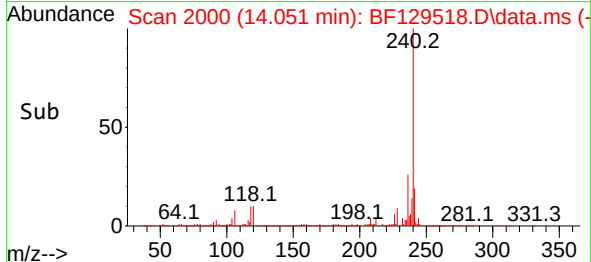
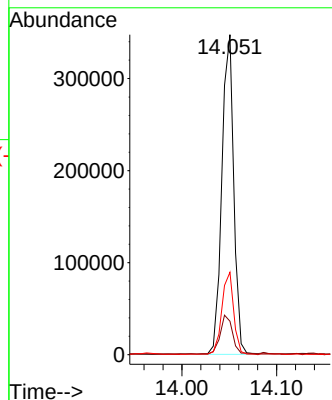
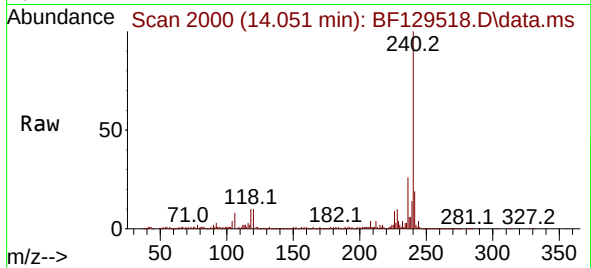




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

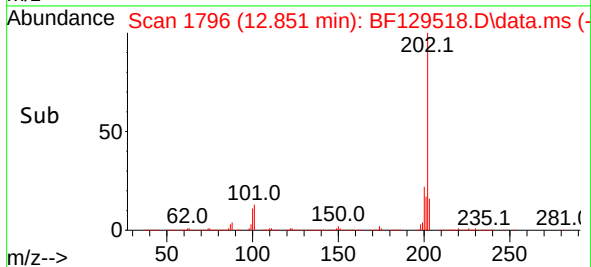
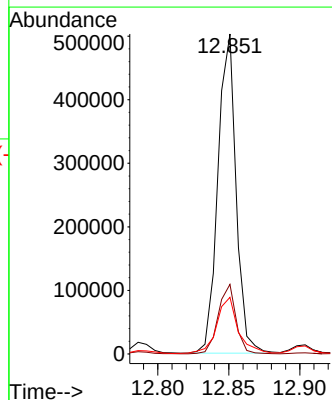
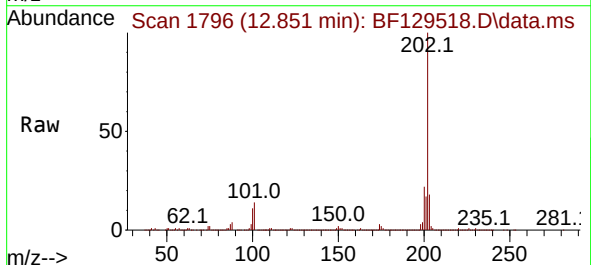
Instrument :
BNA_F
ClientSampleId :
RVE-90

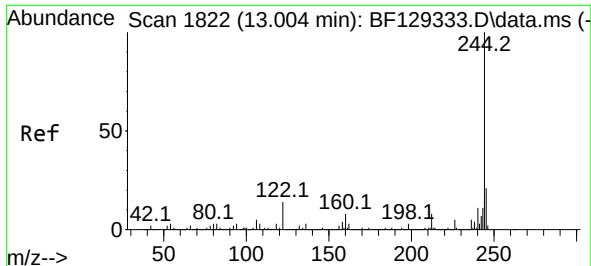
Tgt Ion:240 Resp: 305238
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.8 20.8 31.2



#78
Pyrene
Concen: 17.539 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

Tgt Ion:202 Resp: 447683
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 17.7 14.6 21.8

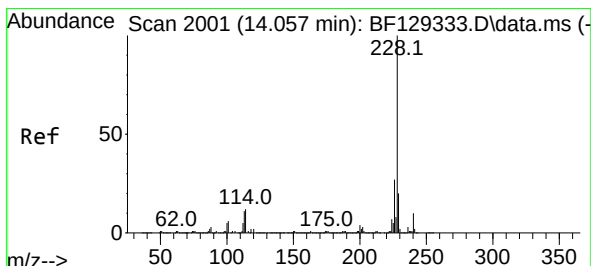
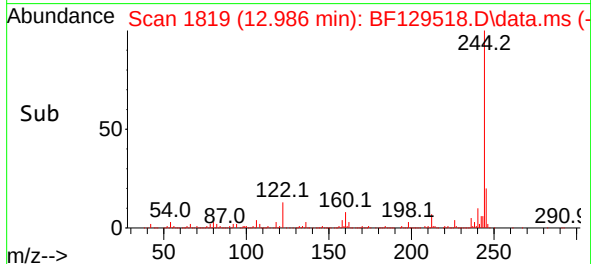
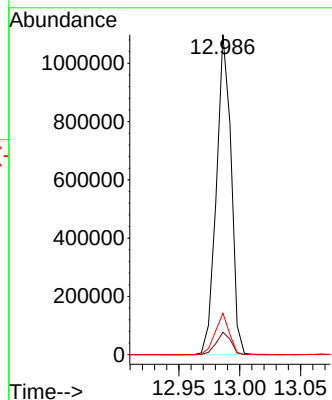
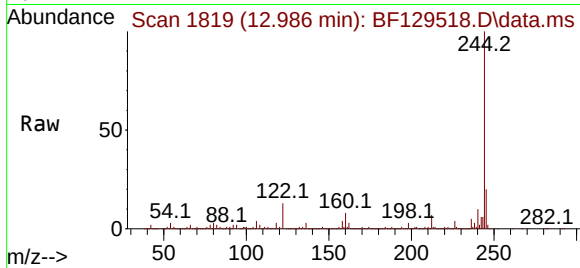




#79
 Terphenyl-d14
 Concen: 57.324 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129518.D
 Acq: 02 Aug 2022 21:04

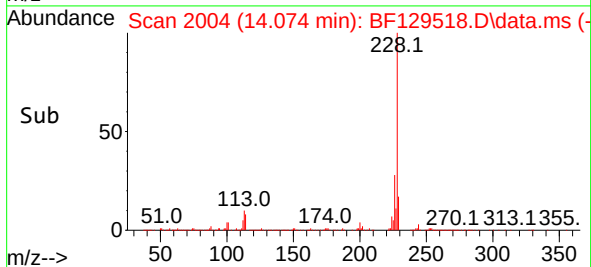
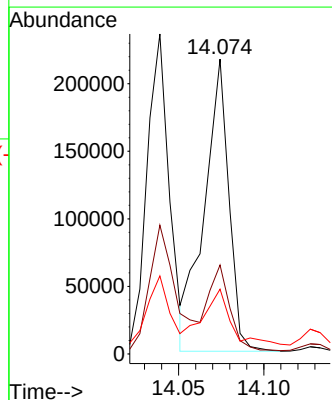
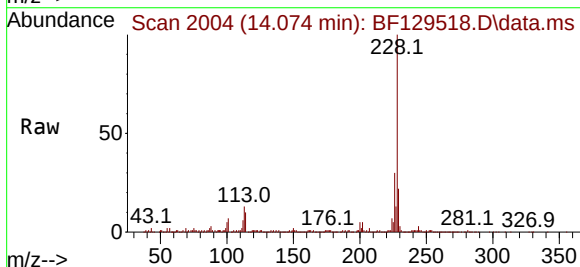
Instrument :
 BNA_F
 ClientSampleId :
 RVE-90

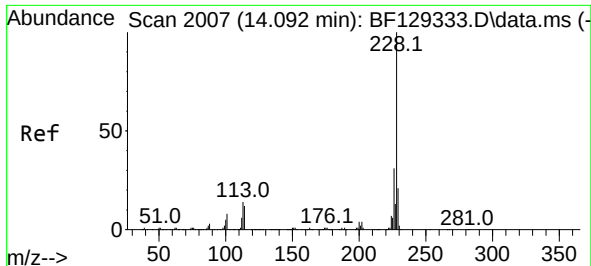
Tgt Ion:244 Resp: 927468
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 13.0 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 10.395 ng
 RT: 14.074 min Scan# 2004
 Delta R.T. 0.035 min
 Lab File: BF129518.D
 Acq: 02 Aug 2022 21:04

Tgt Ion:228 Resp: 216753
 Ion Ratio Lower Upper
 228 100
 226 30.2 22.1 33.1
 229 22.0 15.8 23.8

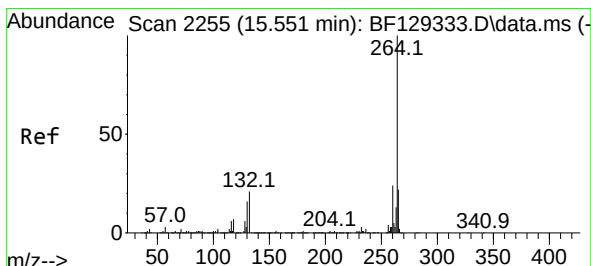
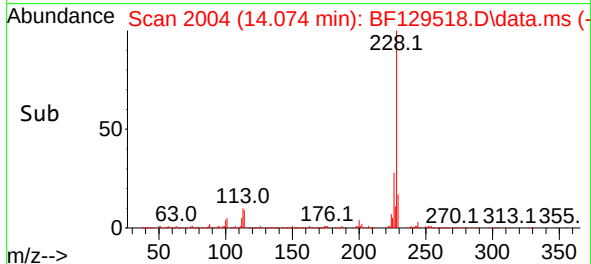
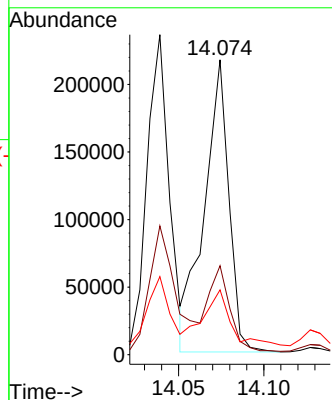
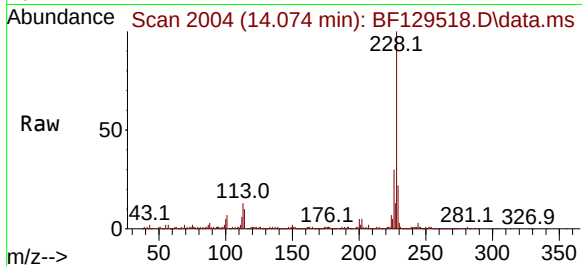




#83
Chrysene
Concen: 11.030 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

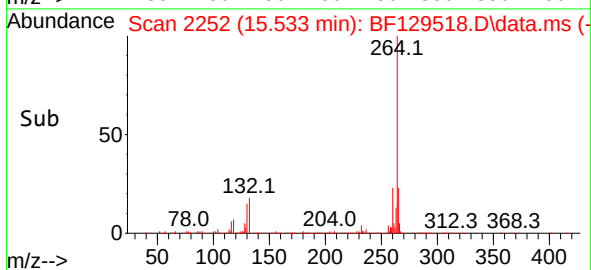
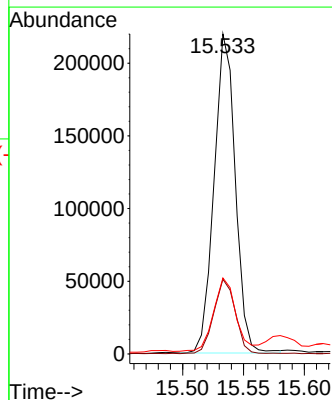
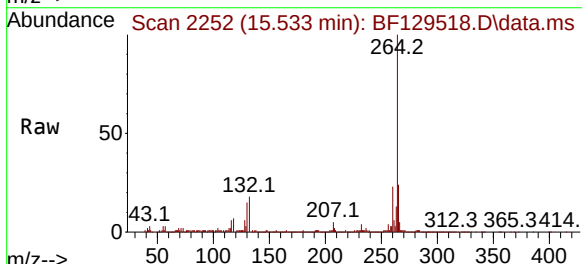
Instrument :
BNA_F
ClientSampleId :
RVE-90

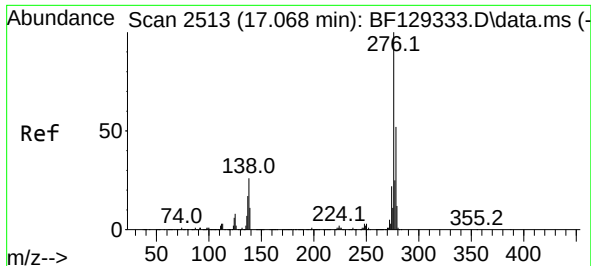
Tgt Ion:228 Resp: 216753
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.0 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. 0.006 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

Tgt Ion:264 Resp: 265978
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 23.8 17.2 25.8

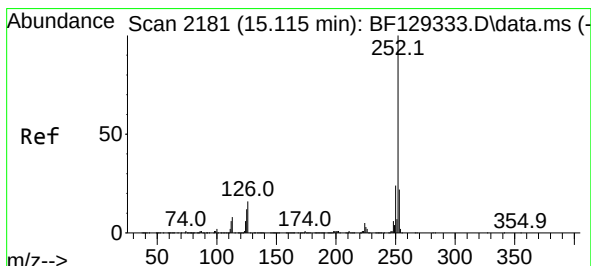
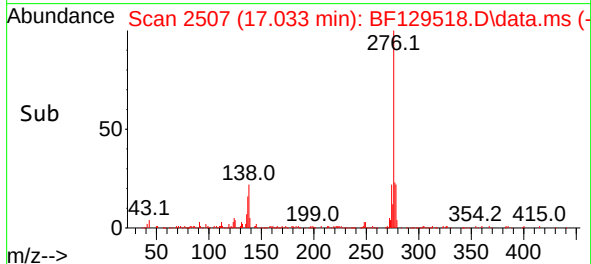
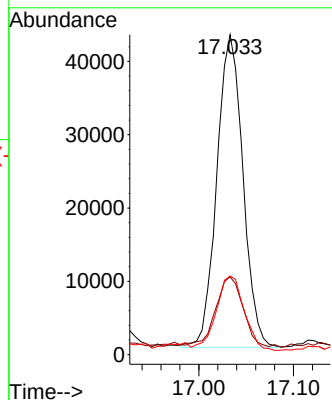
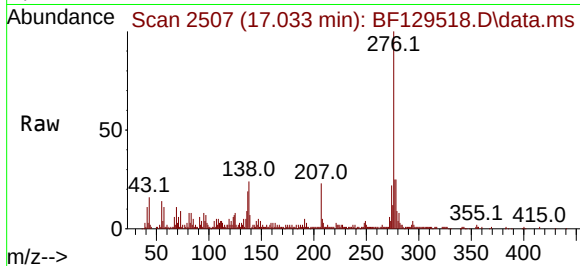




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.564 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

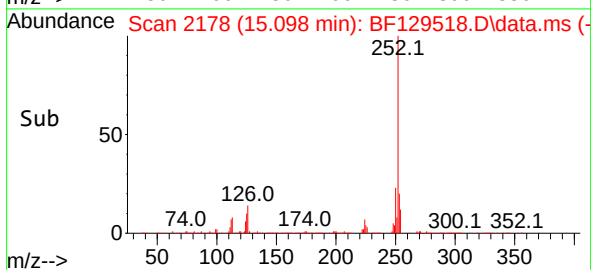
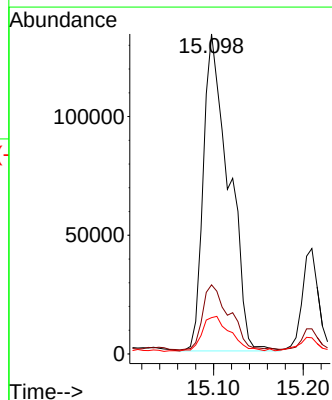
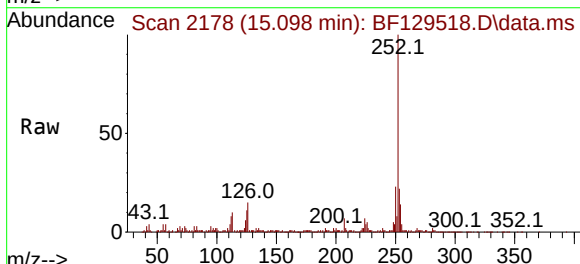
Instrument :
BNA_F
ClientSampleId :
RVE-90

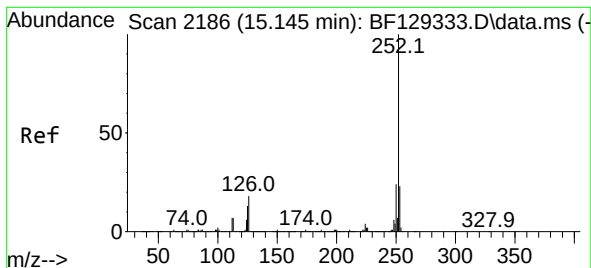
Tgt Ion:276 Resp: 81749
Ion Ratio Lower Upper
276 100
138 23.3 21.1 31.7
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 14.959 ng
RT: 15.098 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF129518.D
Acq: 02 Aug 2022 21:04

Tgt Ion:252 Resp: 263915
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 11.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 15.264 ng

RT: 15.098 min Scan# 2186

Delta R.T. -0.024 min

Lab File: BF129518.D

Acq: 02 Aug 2022 21:04

Instrument :

BNA_F

ClientSampleId :

RVE-90

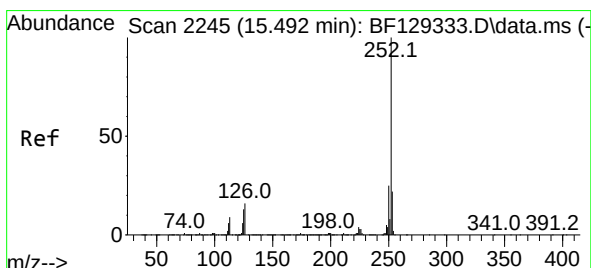
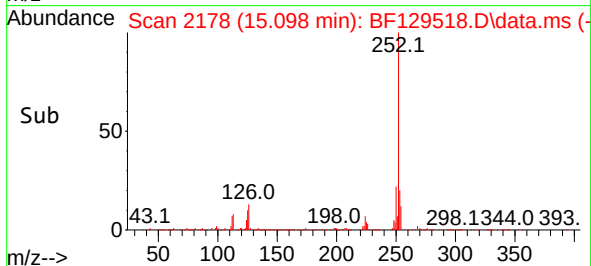
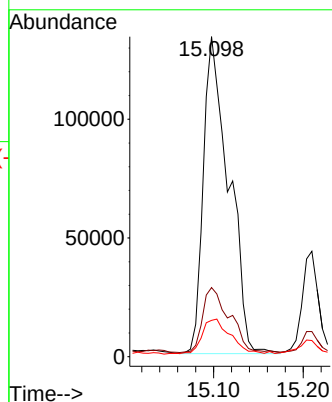
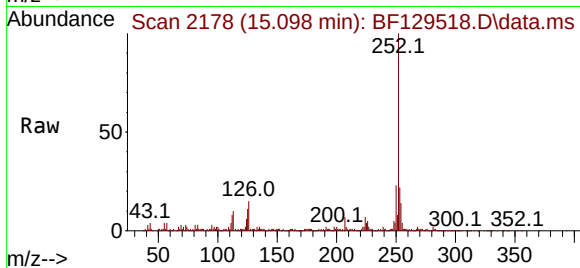
Tgt Ion:252 Resp: 263915

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 11.3 8.3 12.5



#90

Benzo(a)pyrene

Concen: 14.619 ng

RT: 15.468 min Scan# 2241

Delta R.T. -0.000 min

Lab File: BF129518.D

Acq: 02 Aug 2022 21:04

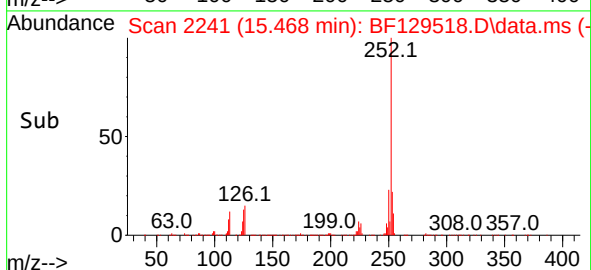
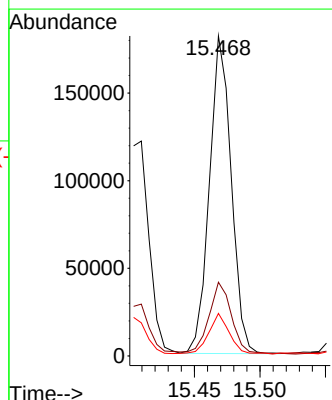
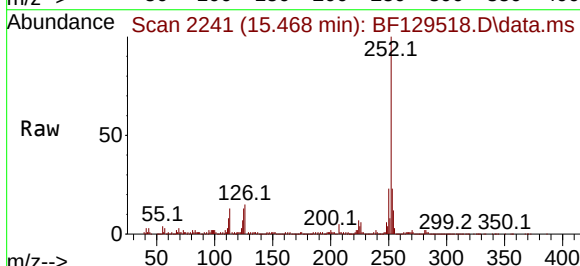
Tgt Ion:252 Resp: 209377

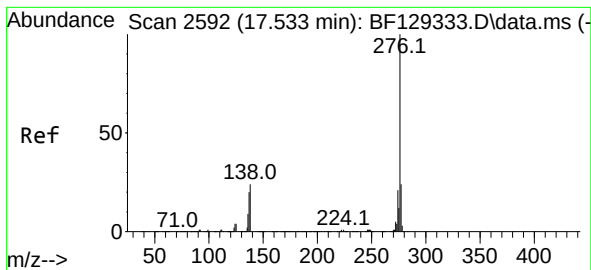
Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

125 13.3 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 7.540 ng

RT: 17.498 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF129518.D

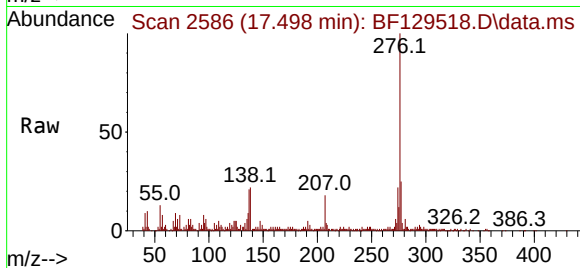
Acq: 02 Aug 2022 21:04

Instrument :

BNA_F

ClientSampleId :

RVE-90



Tgt Ion:276 Resp: 112326

Ion Ratio Lower Upper

276 100

277 25.1 19.1 28.7

138 22.1 18.0 27.0

