

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129558.D
 Acq On : 04 Aug 2022 00:54
 Operator : CG\JU
 Sample : N3930-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-97

Quant Time: Aug 04 02:21:51 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

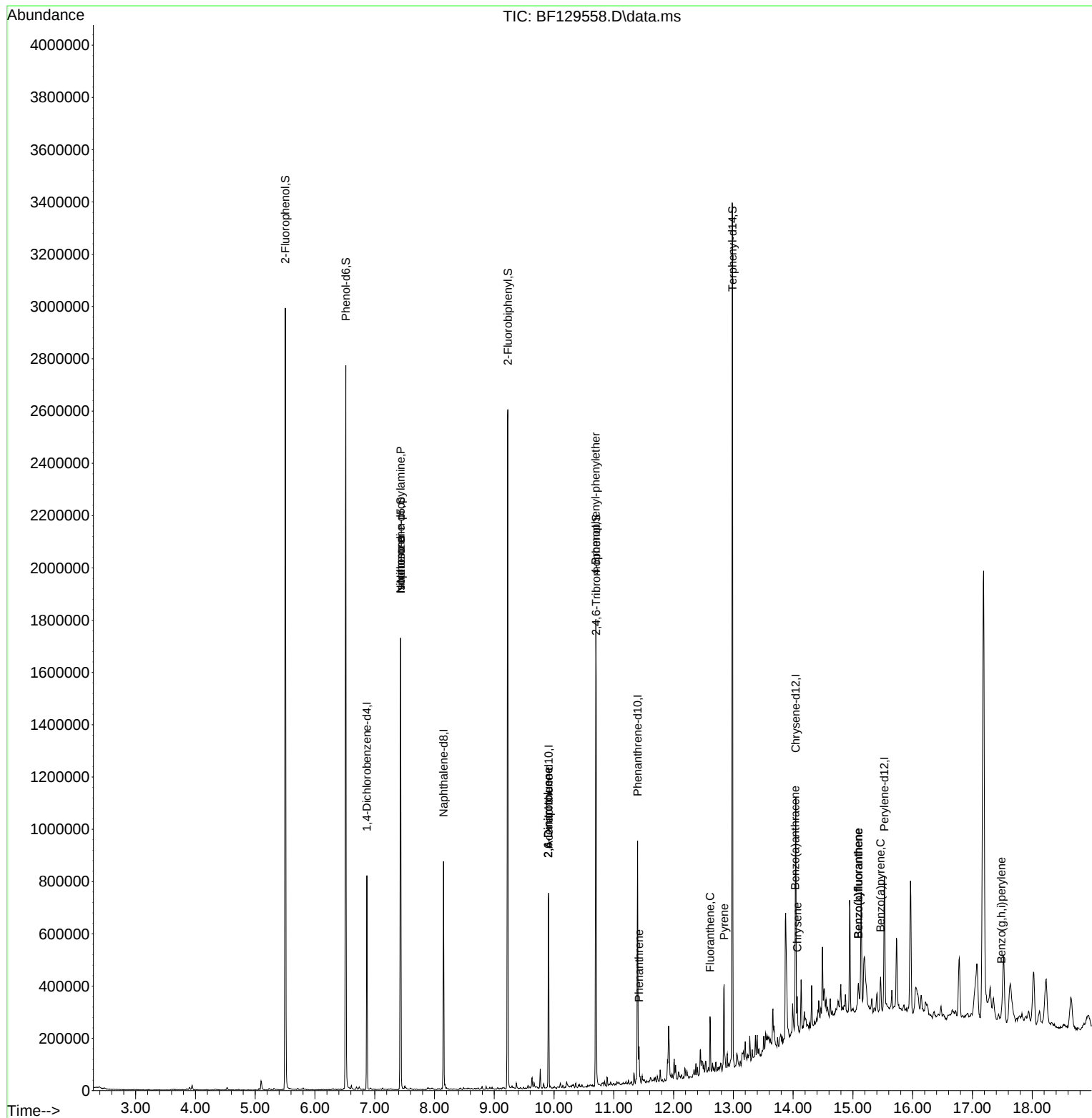
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	105573	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	336040	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	155785	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	301420	20.000	ng	0.00
76) Chrysene-d12	14.045	240	291834	20.000	ng	0.00
86) Perylene-d12	15.527	264	201199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	767086	118.362	ng	0.00
7) Phenol-d6	6.516	99	860537	105.639	ng	0.00
23) Nitrobenzene-d5	7.434	82	516909	83.970	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	200379	133.786	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	818145	81.242	ng	0.00
79) Terphenyl-d14	12.986	244	1141787	73.812	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	68103	13.810	ng	# 74
25) Isophorone	7.434	82	516903	46.845	ng	# 65
51) 2,6-Dinitrotoluene	9.904	165	20292	8.430	ng	# 25
57) 2,4-Dinitrotoluene	9.904	165	20292	6.453	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	12926	3.916	ng	# 1
71) Phenanthrene	11.422	178	43306	2.632	ng	99
75) Fluoranthene	12.610	202	75114	4.506	ng	97
78) Pyrene	12.845	202	123477	5.060	ng	99
81) Benzo(a)anthracene	14.033	228	47836	2.400	ng	92
83) Chrysene	14.069	228	55789	2.969	ng	99
88) Benzo(b)fluoranthene	15.092	252	57867	4.336	ng	# 93
89) Benzo(k)fluoranthene	15.092	252	57867	4.424	ng	# 93
90) Benzo(a)pyrene	15.463	252	34914	3.223	ng	# 89
92) Benzo(g,h,i)perylene	17.486	276	23843	2.116	ng	# 92

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

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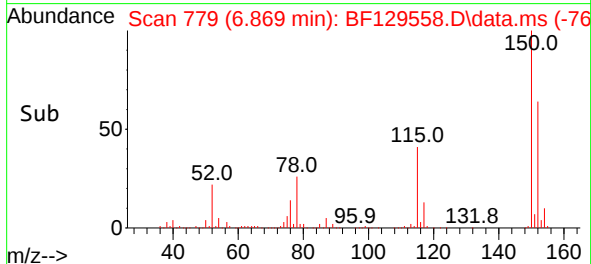
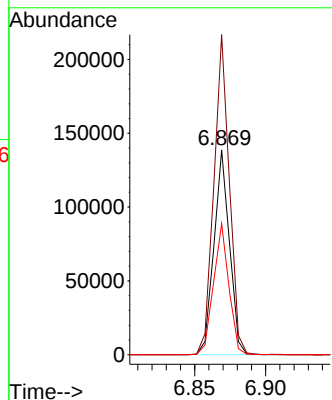
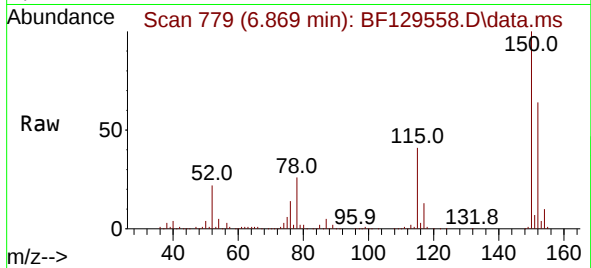




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129558.D
 Acq: 04 Aug 2022 00:54

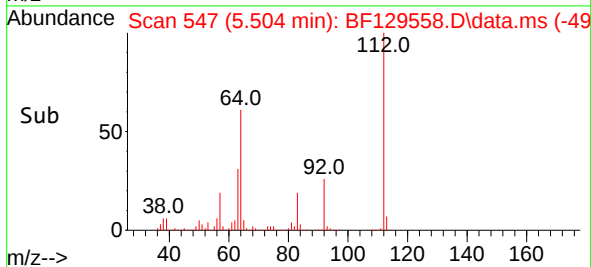
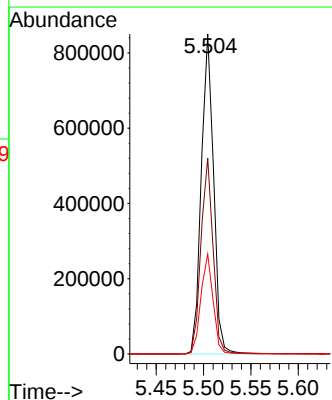
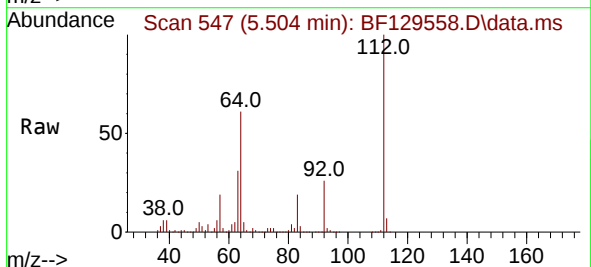
Instrument :
 BNA_F
 ClientSampleId :
 RVE-97

Tgt Ion:152 Resp: 105573
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.7 185.5
 115 64.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 118.362 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.000 min
 Lab File: BF129558.D
 Acq: 04 Aug 2022 00:54

Tgt Ion:112 Resp: 767086
 Ion Ratio Lower Upper
 112 100
 64 61.3 53.3 79.9
 63 31.2 28.0 42.0

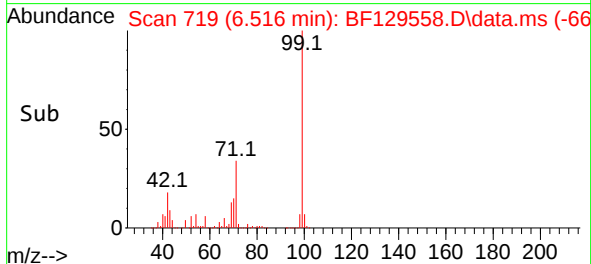
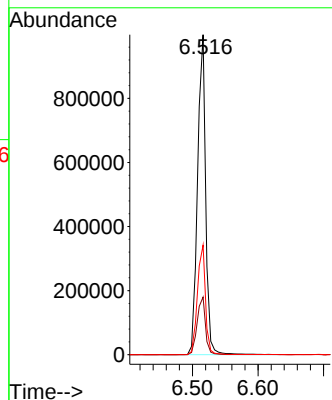
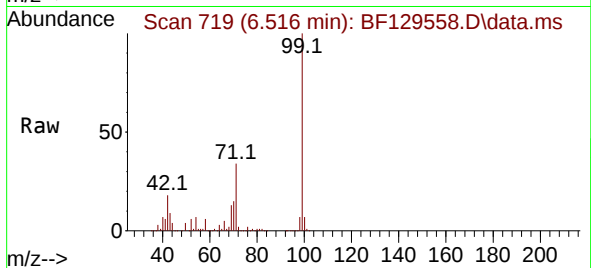




#7
Phenol-d6
Concen: 105.639 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

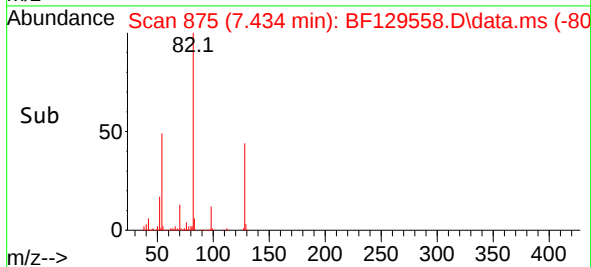
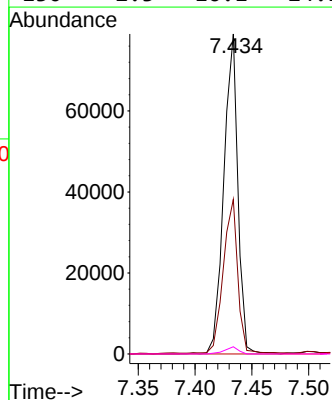
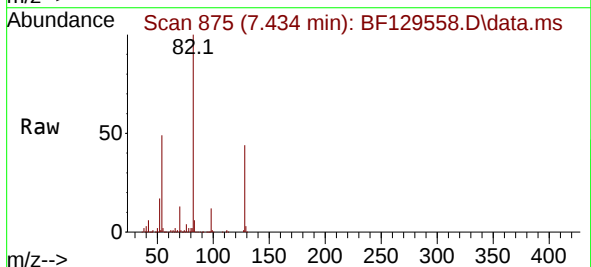
Instrument :
BNA_F
ClientSampleId :
RVE-97

Tgt Ion: 99 Resp: 860537
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 34.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.810 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

Tgt Ion: 70 Resp: 68103
Ion Ratio Lower Upper
70 100
42 48.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



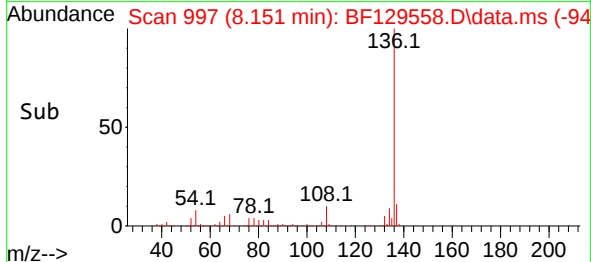
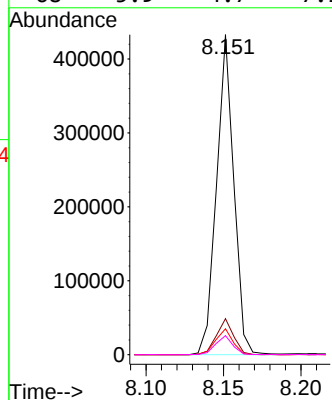
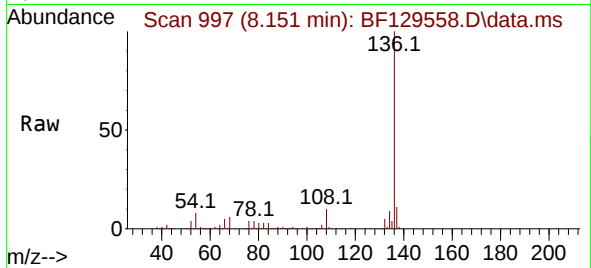


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

Instrument :
BNA_F
ClientSampleId :
RVE-97

Tgt Ion:136 Resp: 336040

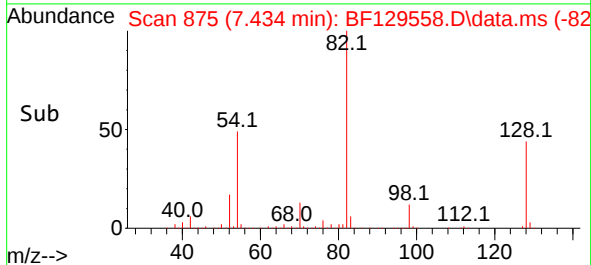
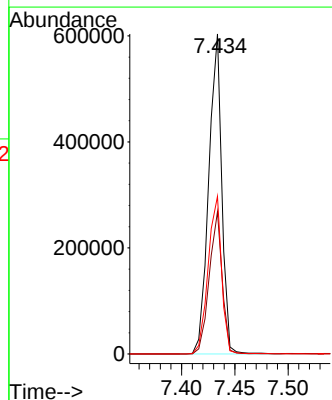
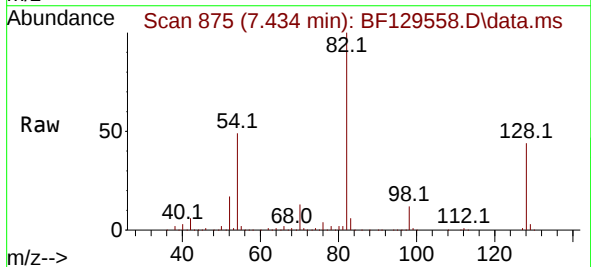
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.1	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 83.970 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

Tgt Ion: 82 Resp: 516909

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	49.3	46.9	70.3

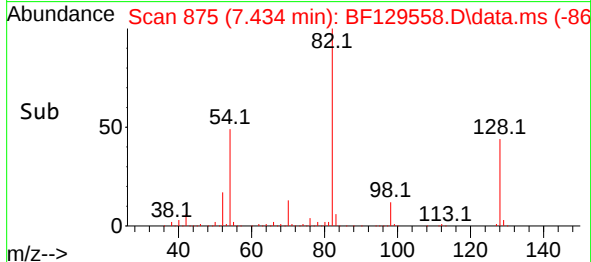
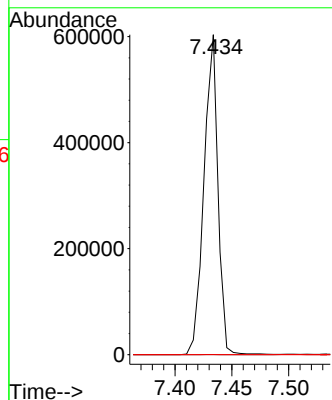
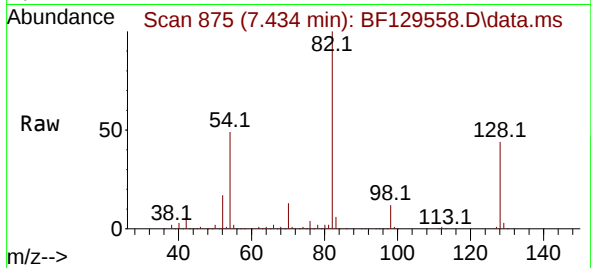




#25
Isophorone
Concen: 46.845 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

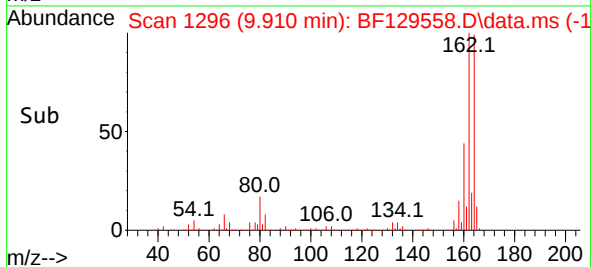
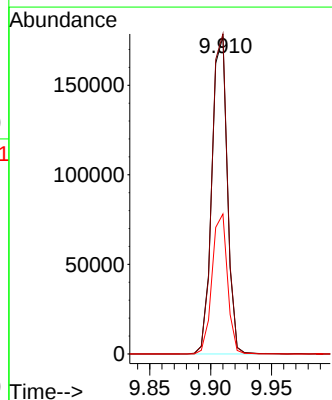
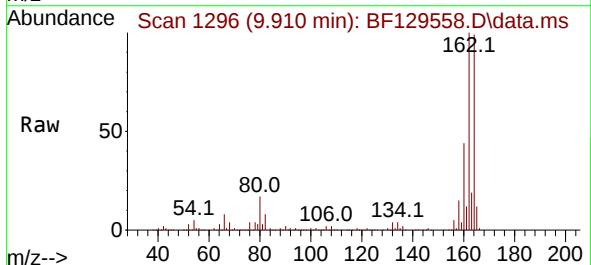
Instrument :
BNA_F
ClientSampleId :
RVE-97

Tgt Ion: 82 Resp: 516903
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: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

Tgt Ion:164 Resp: 155785
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 133.786 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF129558.D

Acq: 04 Aug 2022 00:54

Instrument :

BNA_F

ClientSampleId :

RVE-97

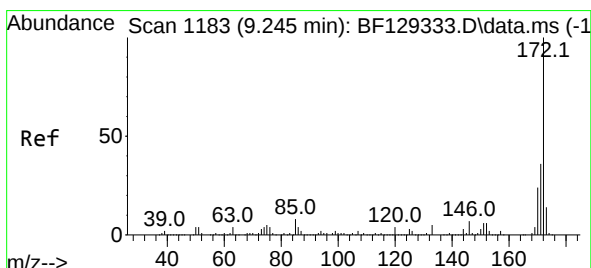
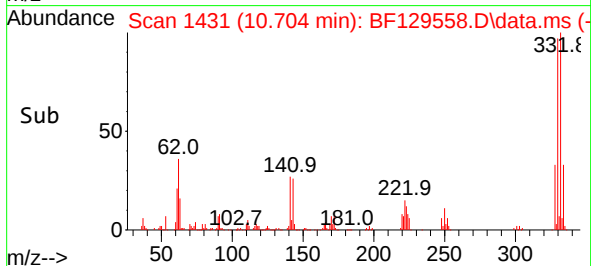
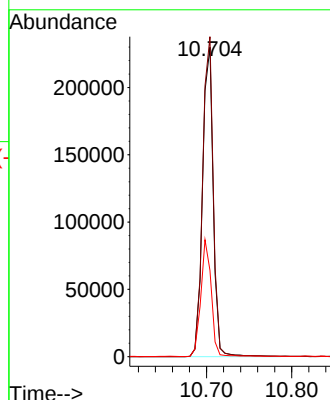
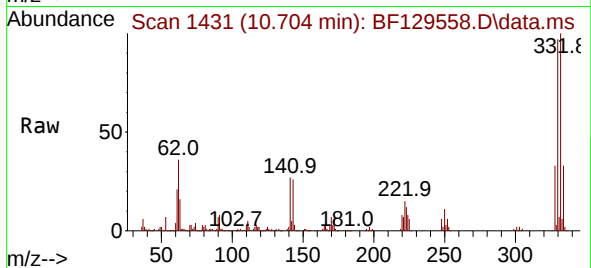
Tgt Ion:330 Resp: 200379

Ion Ratio Lower Upper

330 100

332 103.3 76.8 115.2

141 36.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.242 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129558.D

Acq: 04 Aug 2022 00:54

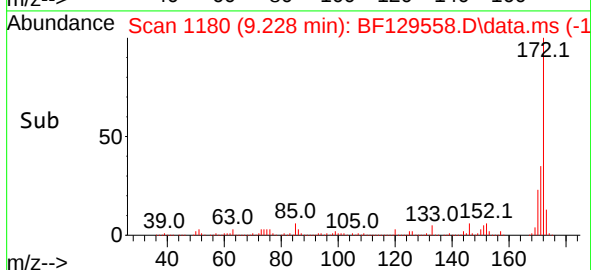
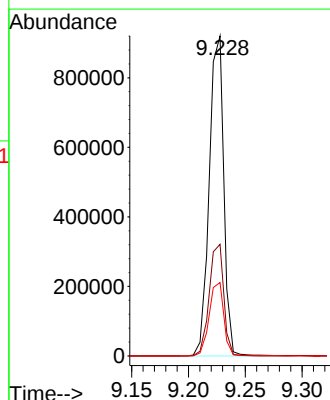
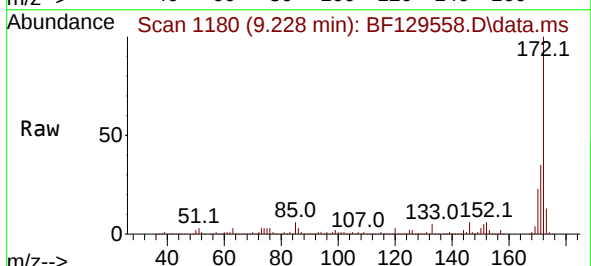
Tgt Ion:172 Resp: 818145

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 22.9 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.430 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF129558.D

Acq: 04 Aug 2022 00:54

Instrument :

BNA_F

ClientSampleId :

RVE-97

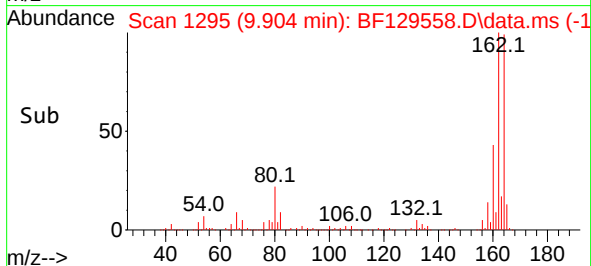
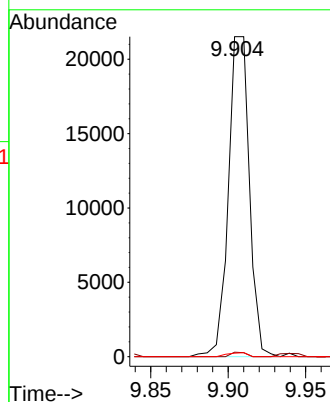
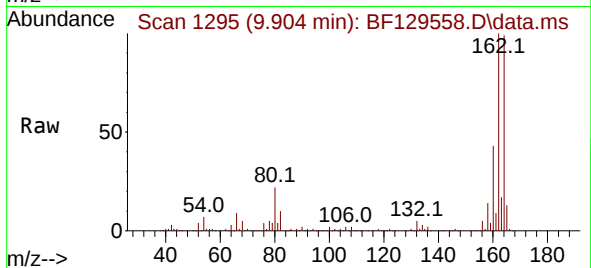
Tgt Ion:165 Resp: 20292

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.453 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.206 min

Lab File: BF129558.D

Acq: 04 Aug 2022 00:54

Tgt Ion:165 Resp: 20292

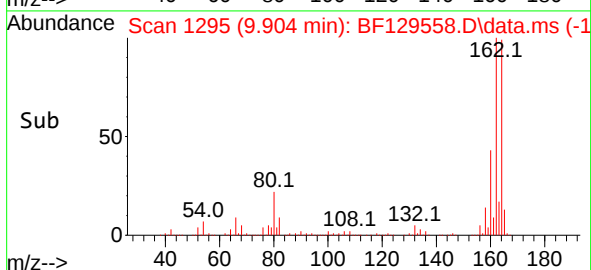
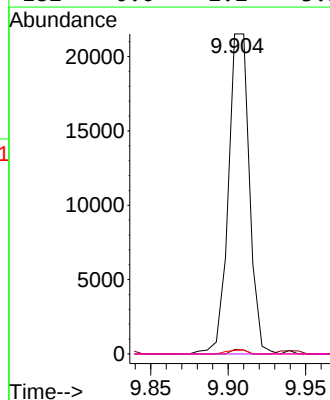
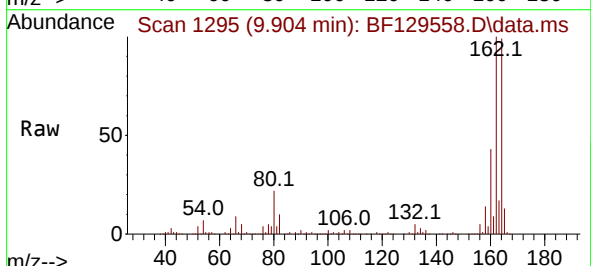
Ion Ratio Lower Upper

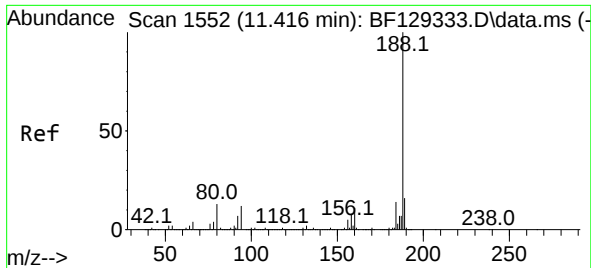
165 100

63 1.4 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#

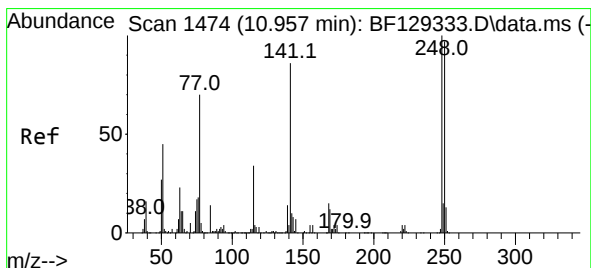
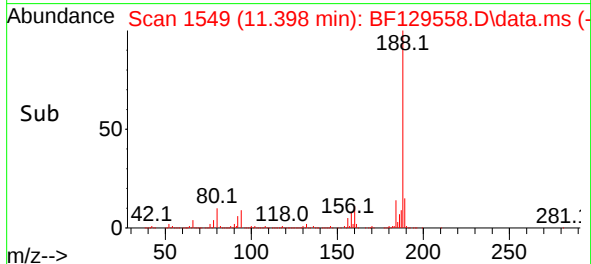
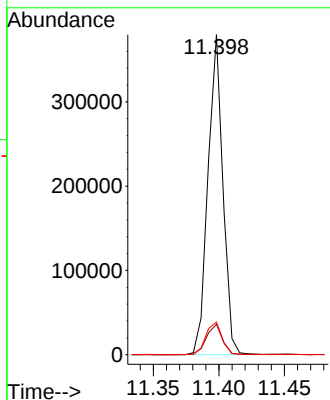
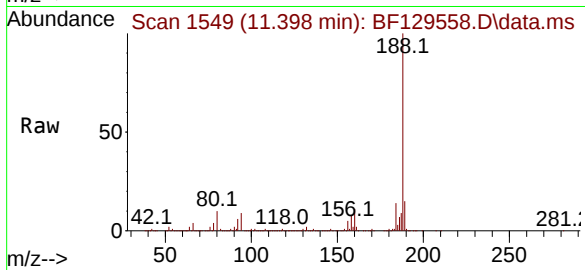




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

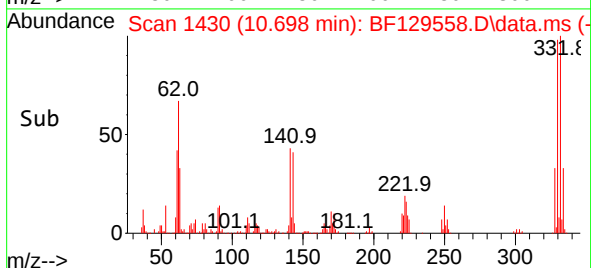
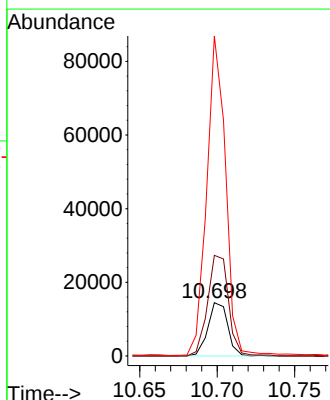
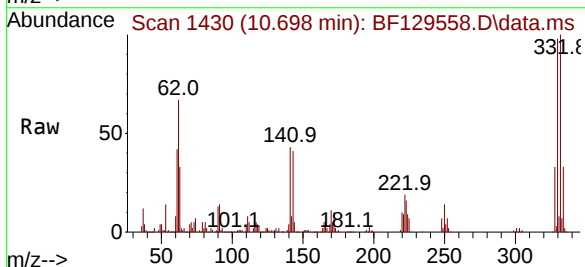
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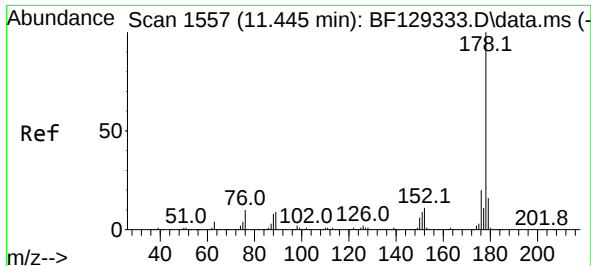
Tgt Ion:188 Resp: 301420
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.916 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

Tgt Ion:248 Resp: 12926
Ion Ratio Lower Upper
248 100
250 189.2 80.6 120.8#
141 601.0 58.9 88.3#

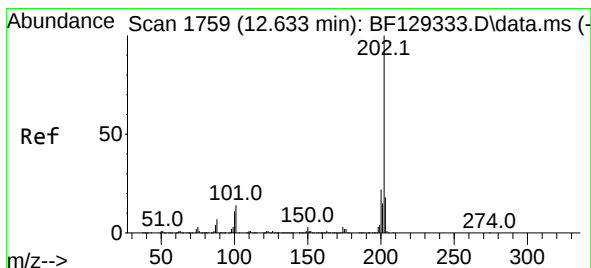
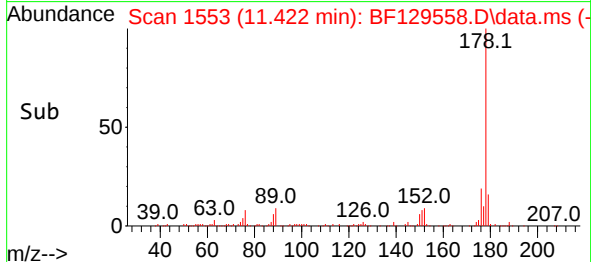
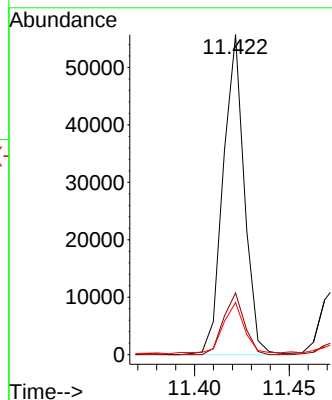
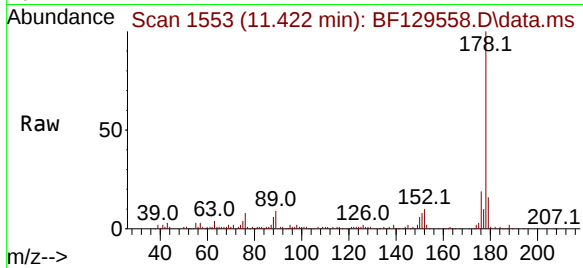




#71
Phenanthrene
Concen: 2.632 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

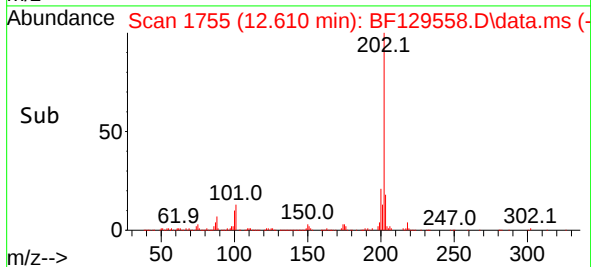
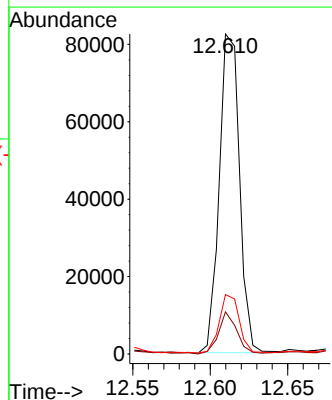
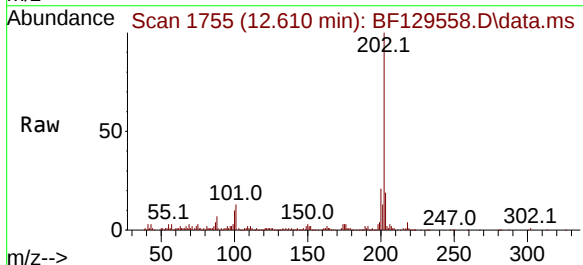
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BNA_F
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RVE-97

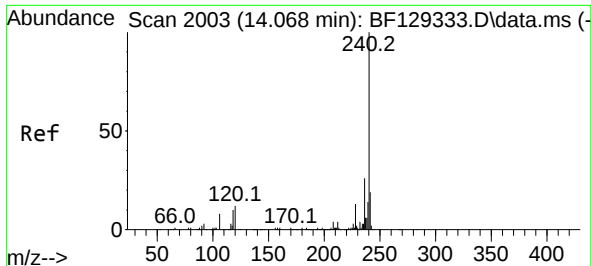
Tgt Ion:178 Resp: 43306
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 16.3 12.6 19.0



#75
Fluoranthene
Concen: 4.506 ng
RT: 12.610 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

Tgt Ion:202 Resp: 75114
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 18.6 0.0 38.0

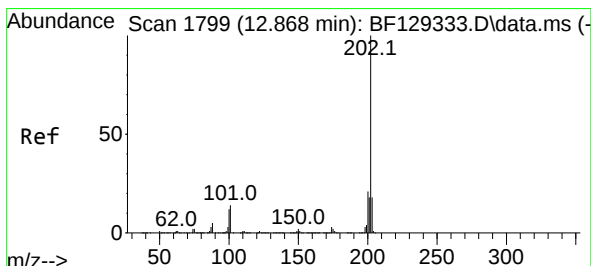
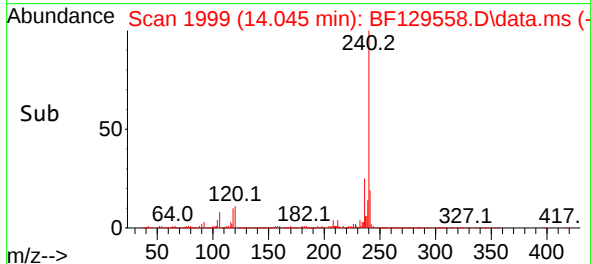
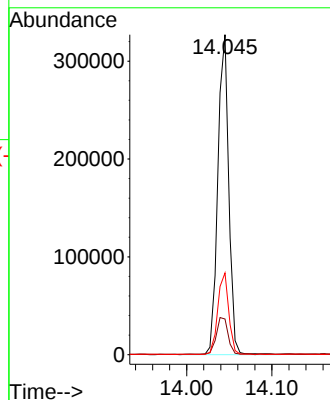
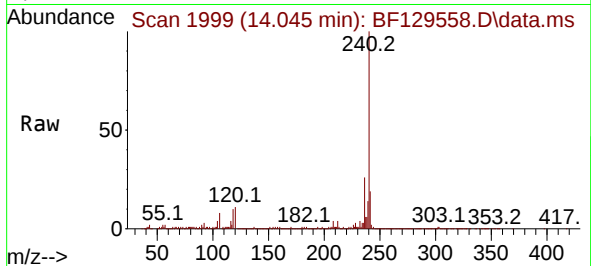




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

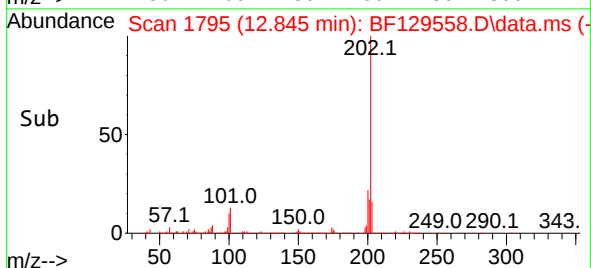
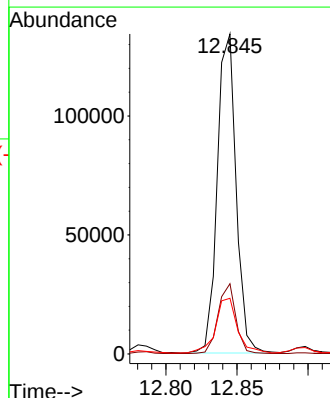
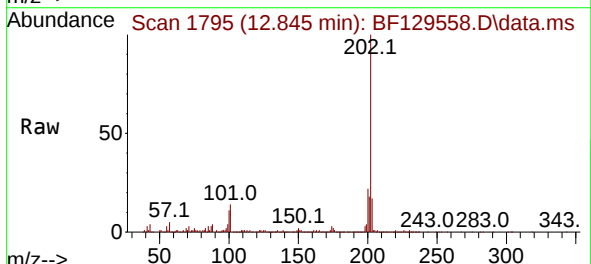
Instrument :
BNA_F
ClientSampleId :
RVE-97

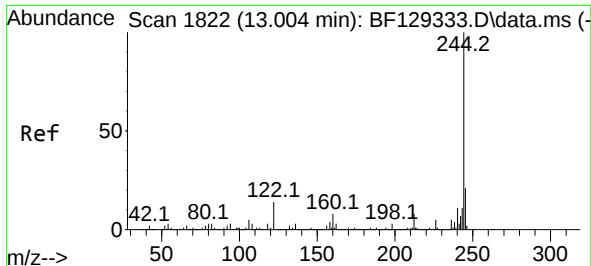
Tgt Ion:240 Resp: 291834
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.5 20.8 31.2



#78
Pyrene
Concen: 5.060 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

Tgt Ion:202 Resp: 123477
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 17.4 14.6 21.8

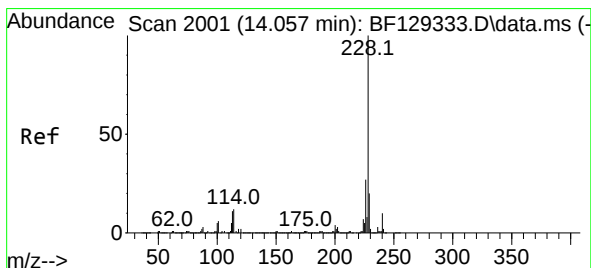
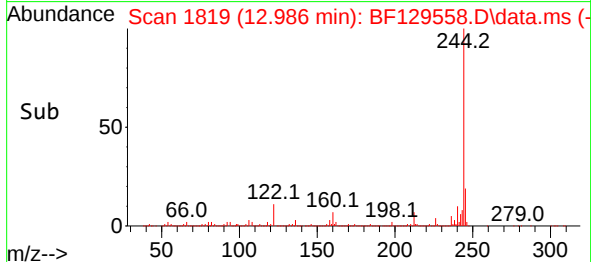
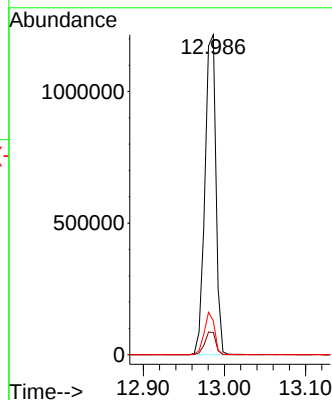
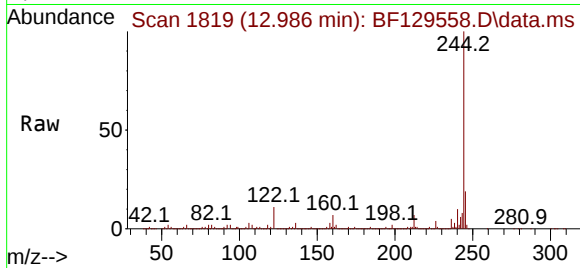




#79
 Terphenyl-d14
 Concen: 73.812 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129558.D
 Acq: 04 Aug 2022 00:54

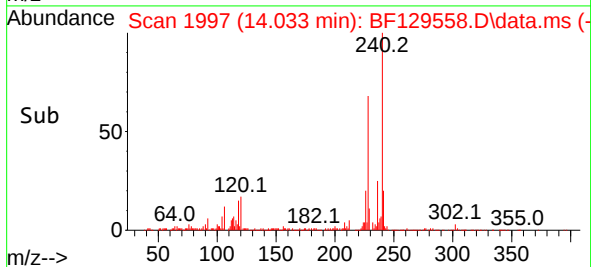
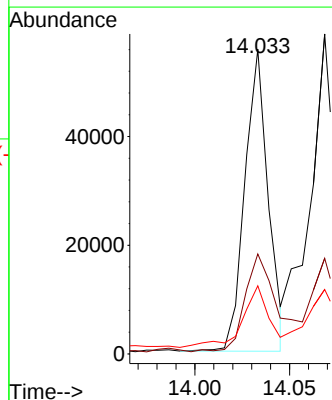
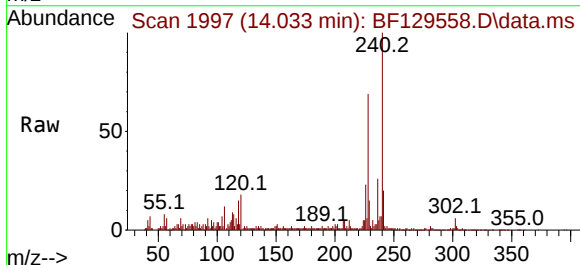
Instrument :
 BNA_F
 ClientSampleId :
 RVE-97

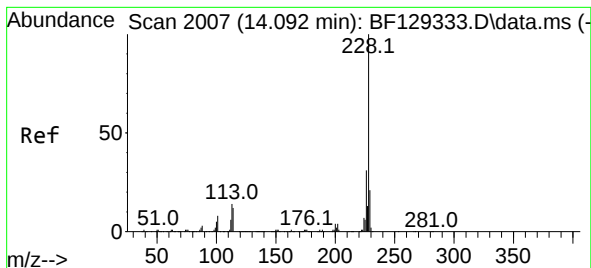
Tgt Ion:244 Resp: 1141787
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.6 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 2.400 ng
 RT: 14.033 min Scan# 1997
 Delta R.T. -0.006 min
 Lab File: BF129558.D
 Acq: 04 Aug 2022 00:54

Tgt Ion:228 Resp: 47836
 Ion Ratio Lower Upper
 228 100
 226 32.8 22.1 33.1
 229 22.4 15.8 23.8





#83

Chrysene

Concen: 2.969 ng

RT: 14.069 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129558.D

Acq: 04 Aug 2022 00:54

Instrument :

BNA_F

ClientSampleId :

RVE-97

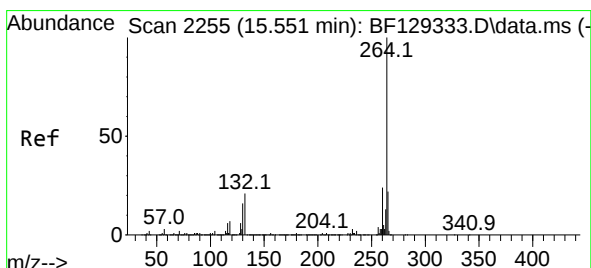
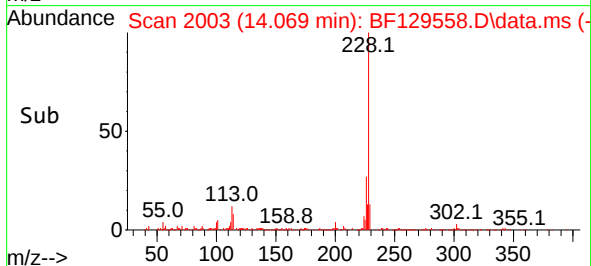
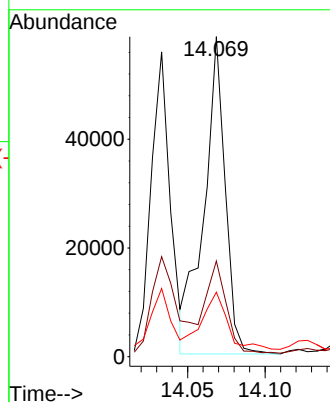
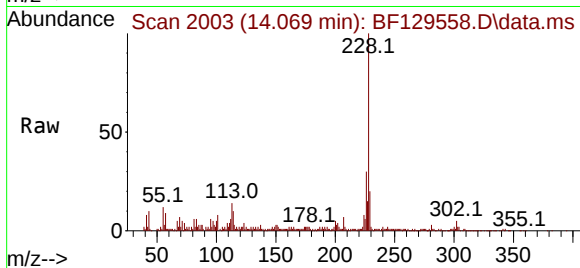
Tgt Ion:228 Resp: 55789

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 20.1 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF129558.D

Acq: 04 Aug 2022 00:54

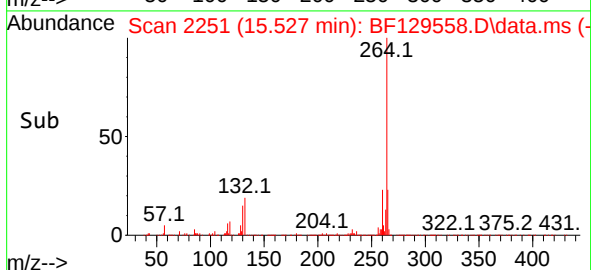
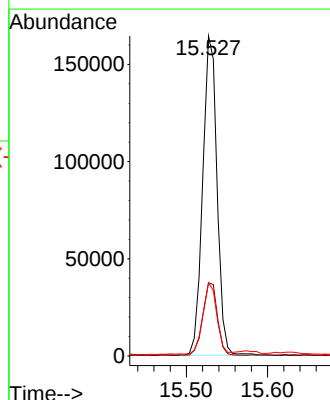
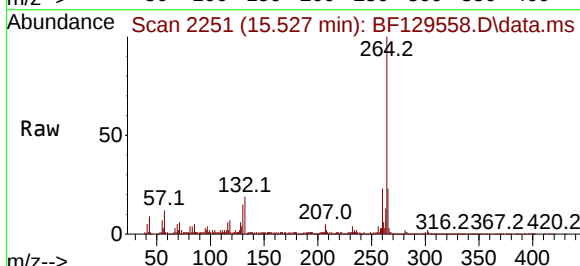
Tgt Ion:264 Resp: 201199

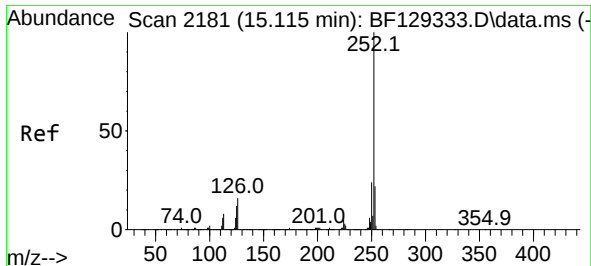
Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 22.9 17.2 25.8

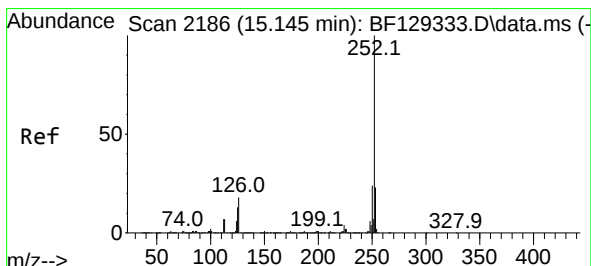
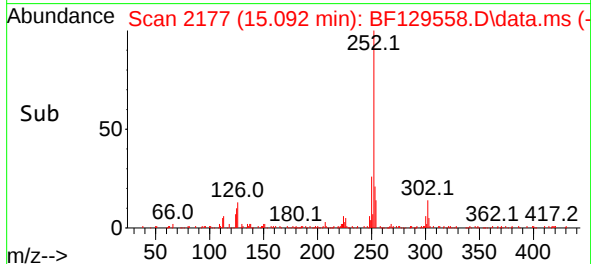
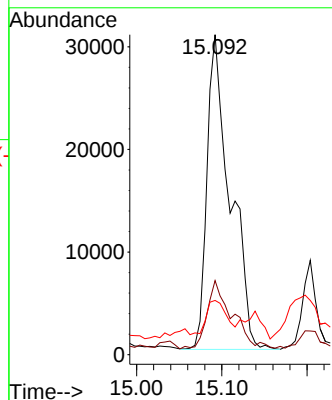
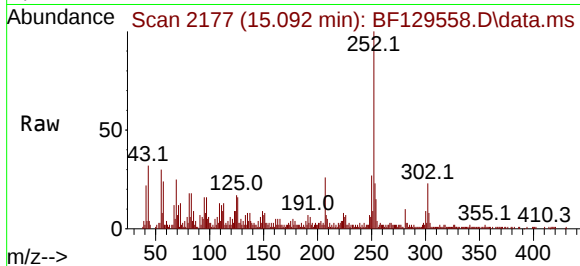




#88
Benzo(b)fluoranthene
Concen: 4.336 ng
RT: 15.092 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

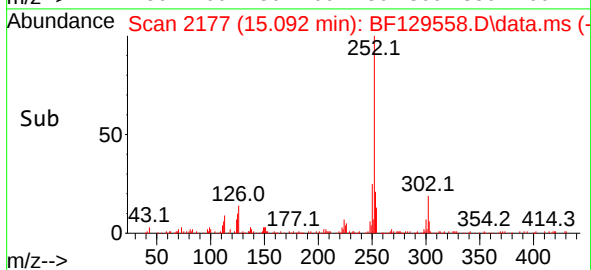
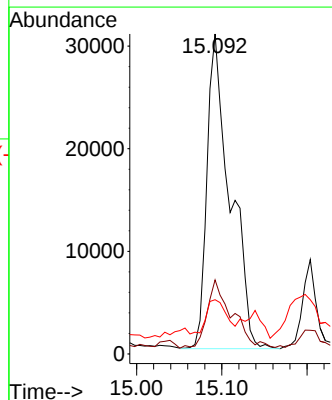
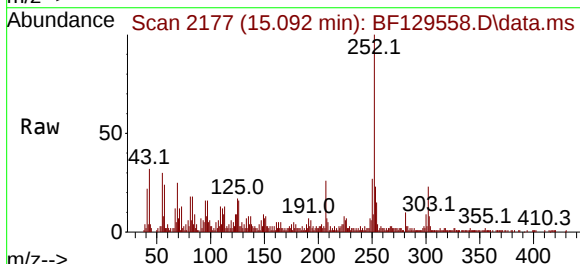
Instrument :
BNA_F
ClientSampleId :
RVE-97

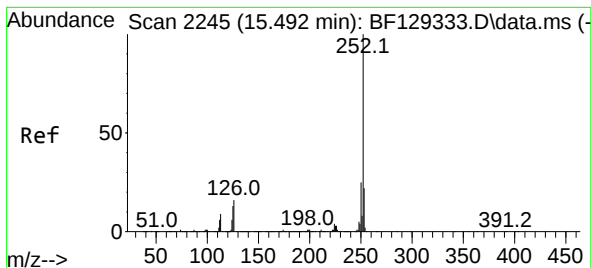
Tgt Ion:252 Resp: 57867
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 16.9 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 4.424 ng
RT: 15.092 min Scan# 2177
Delta R.T. -0.029 min
Lab File: BF129558.D
Acq: 04 Aug 2022 00:54

Tgt Ion:252 Resp: 57867
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 16.9 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 3.223 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129558.D

Acq: 04 Aug 2022 00:54

Instrument :

BNA_F

ClientSampleId :

RVE-97

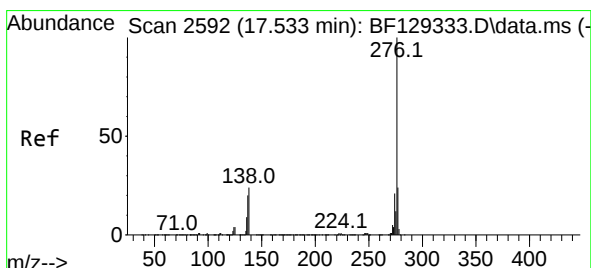
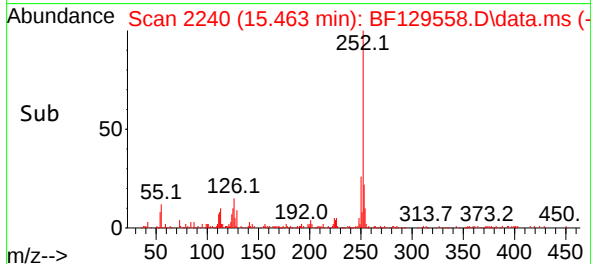
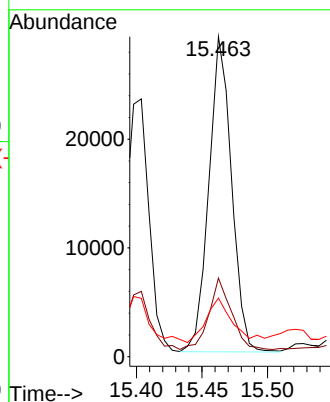
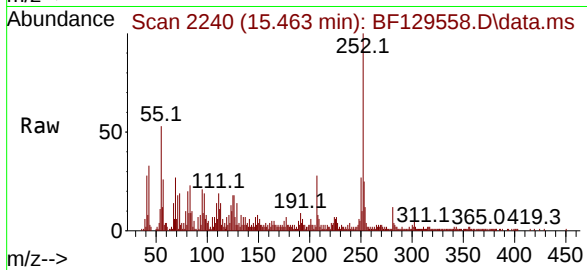
Tgt Ion:252 Resp: 34914

Ion Ratio Lower Upper

252 100

253 24.6 17.0 25.6

125 18.3 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 2.116 ng

RT: 17.486 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BF129558.D

Acq: 04 Aug 2022 00:54

Tgt Ion:276 Resp: 23843

Ion Ratio Lower Upper

276 100

277 27.0 19.1 28.7

138 27.2 18.0 27.0#

