

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129617.D
 Acq On : 06 Aug 2022 00:39
 Operator : CG\JU
 Sample : N3961-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-178

Quant Time: Aug 08 02:16:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

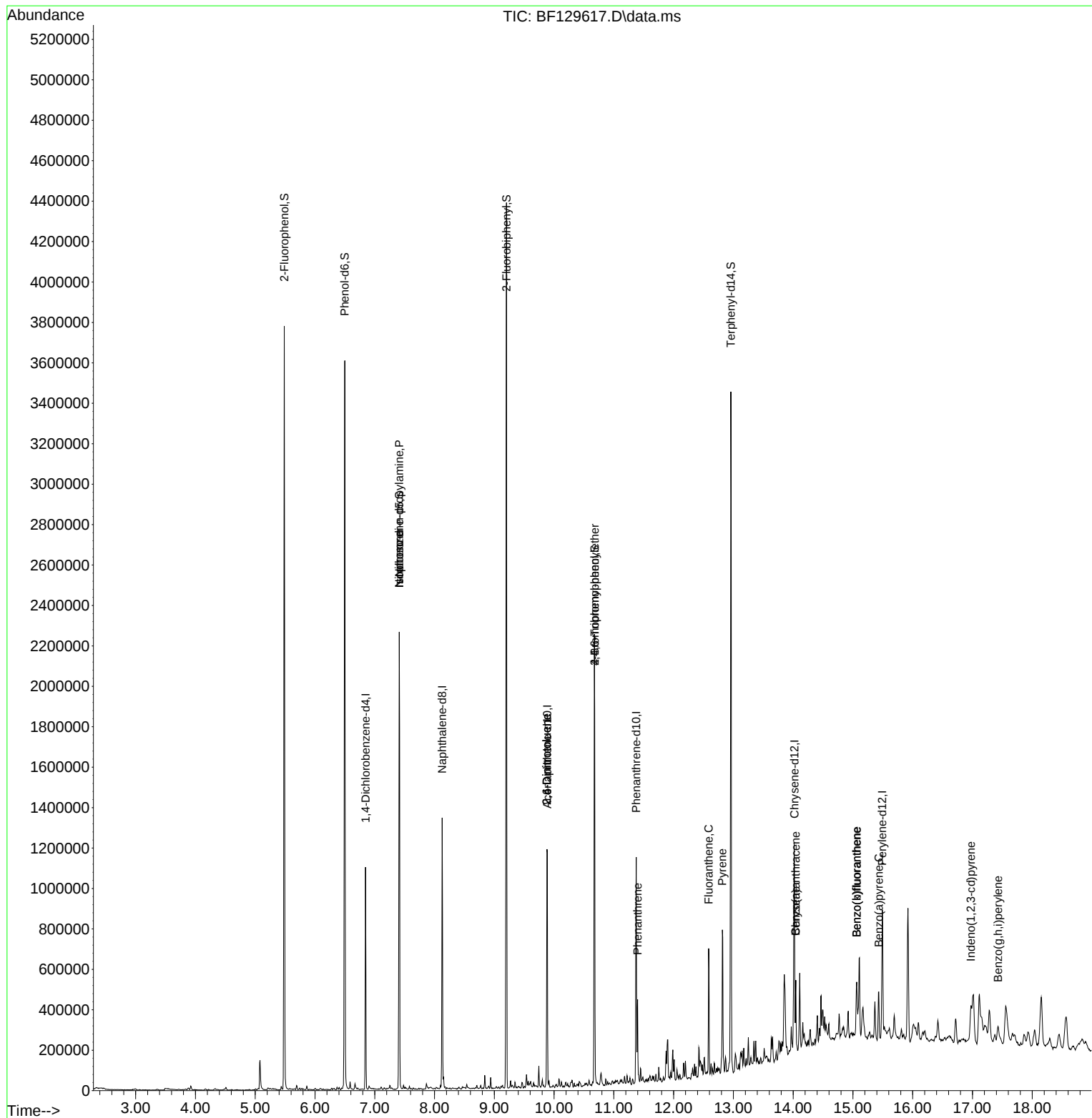
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	144716	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	539927	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	247157	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	379423	20.000	ng	0.00
76) Chrysene-d12	14.021	240	297987	20.000	ng	0.00
86) Perylene-d12	15.492	264	245513	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	982150	110.556	ng	0.00
7) Phenol-d6	6.498	99	1185277	106.147	ng	0.00
23) Nitrobenzene-d5	7.410	82	741491	74.967	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	250713	105.509	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1239875	77.603	ng	0.00
79) Terphenyl-d14	12.957	244	1129319	71.498	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	100082	14.805	ng	# 76
25) Isophorone	7.410	82	738626	41.661	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	33404	8.747	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	33404	6.696	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	15692	3.777	ng	# 1
71) Phenanthrene	11.398	178	137250	6.627	ng	99
75) Fluoranthene	12.586	202	228097	10.869	ng	98
78) Pyrene	12.816	202	281092	11.280	ng	97
81) Benzo(a)anthracene	14.045	228	137788	6.769	ng	94
83) Chrysene	14.045	228	137788	7.182	ng	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	63010	3.811	ng	98
88) Benzo(b)fluoranthene	15.062	252	190241	11.682	ng	# 97
89) Benzo(k)fluoranthene	15.062	252	190241	11.920	ng	# 97
90) Benzo(a)pyrene	15.433	252	104406	7.897	ng	100
92) Benzo(g,h,i)perylene	17.427	276	69817	5.078	ng	96

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

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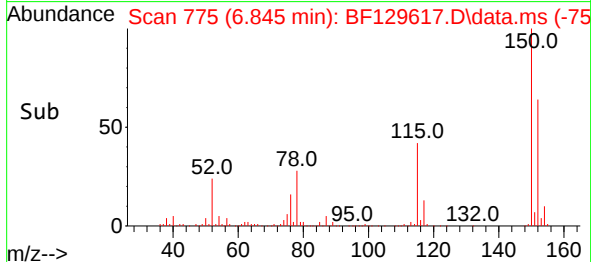
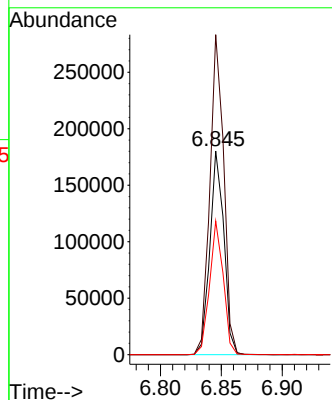
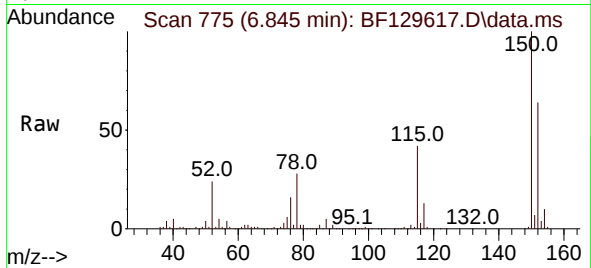




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129617.D
 Acq: 06 Aug 2022 00:39

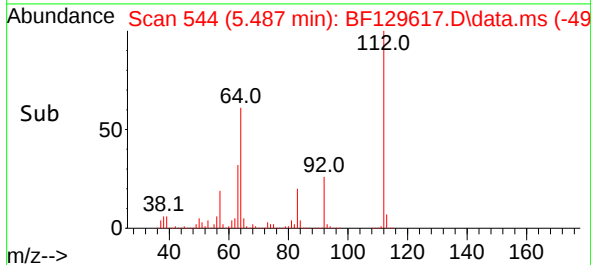
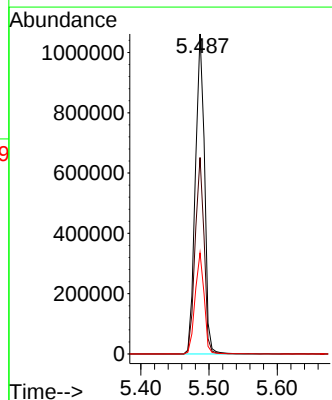
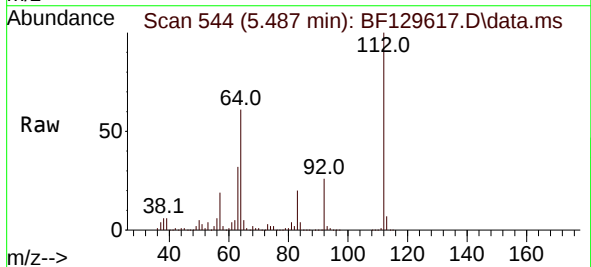
Instrument :
 BNA_F
 ClientSampleId :
 RVE-178

Tgt Ion:152 Resp: 144716
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.7 185.5
 115 65.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 110.556 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129617.D
 Acq: 06 Aug 2022 00:39

Tgt Ion:112 Resp: 982150
 Ion Ratio Lower Upper
 112 100
 64 61.4 53.3 79.9
 63 31.6 28.0 42.0



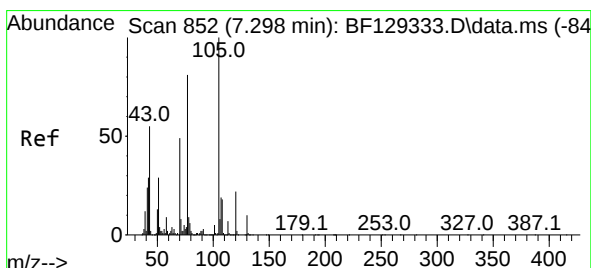
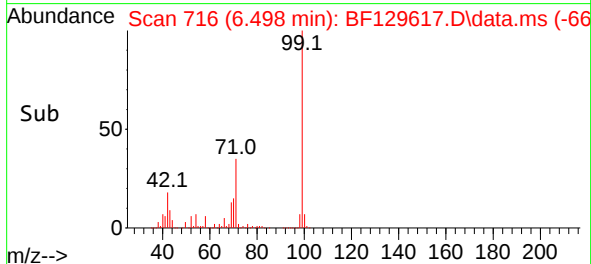
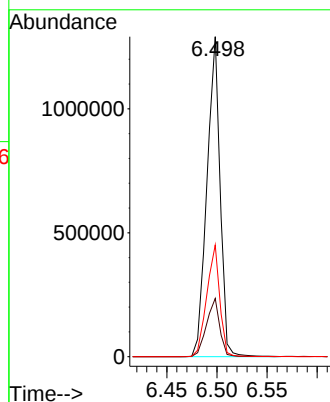
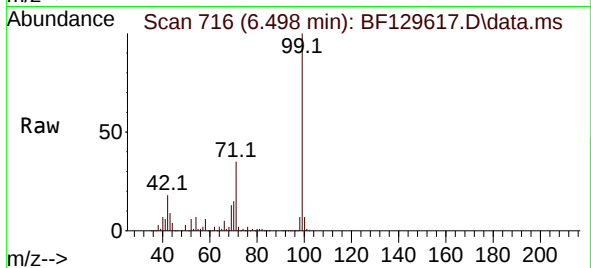


#7
Phenol-d6
Concen: 106.147 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

Instrument :
BNA_F
ClientSampleId :
RVE-178

Tgt Ion: 99 Resp: 1185277

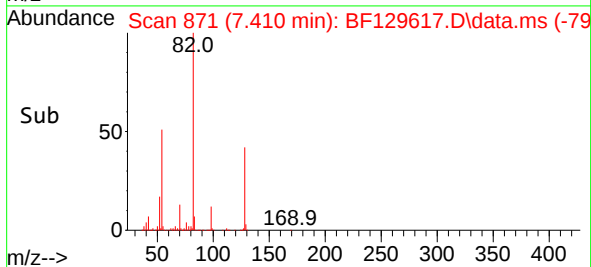
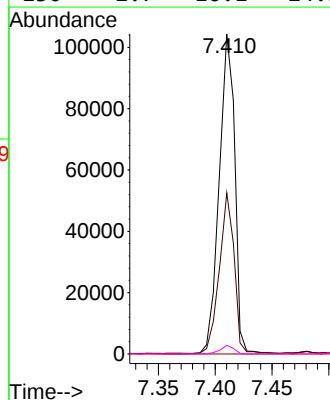
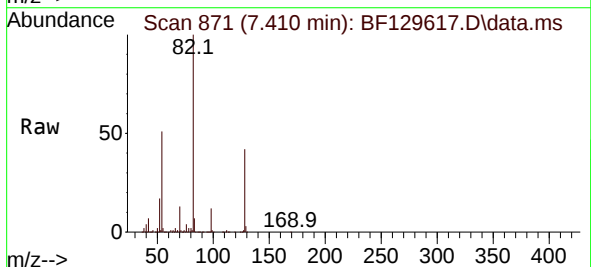
Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.3	25.9
71	34.9	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.805 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

Tgt Ion: 70 Resp: 100082

Ion	Ratio	Lower	Upper
70	100		
42	50.3	52.3	78.5#
101	0.0	7.5	11.3#
130	2.7	16.1	24.1#



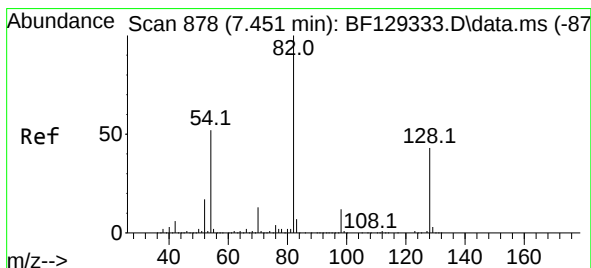
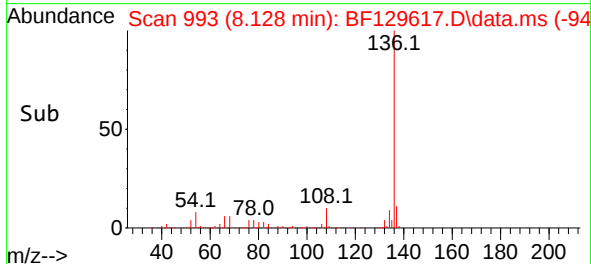
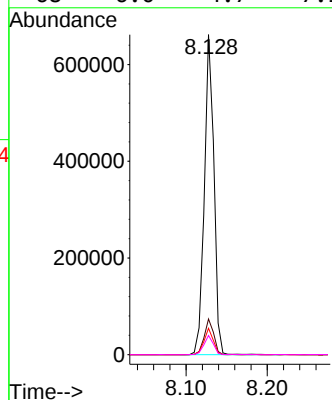
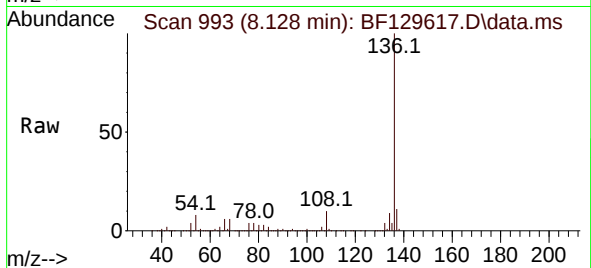


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

Instrument :
BNA_F
ClientSampleId :
RVE-178

Tgt Ion:136 Resp: 539927

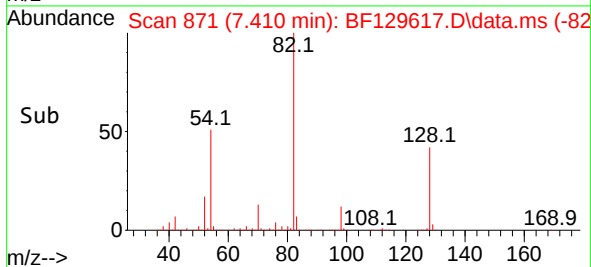
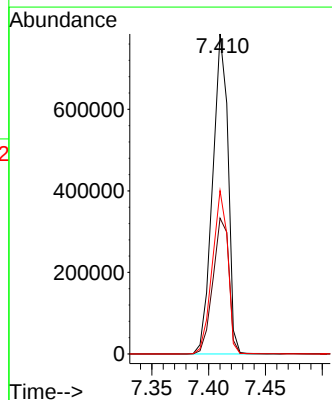
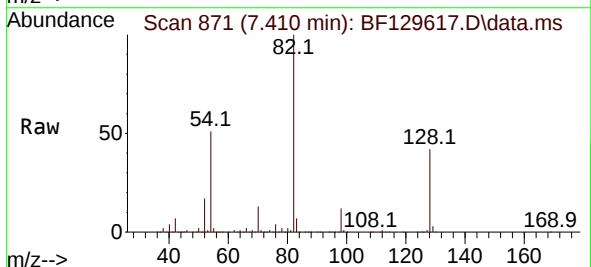
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.3	7.5	11.3
68	6.0	4.7	7.1

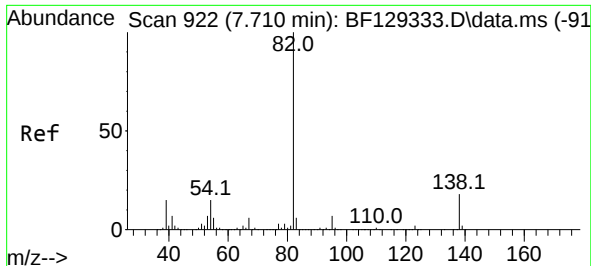


#23
Nitrobenzene-d5
Concen: 74.967 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

Tgt Ion: 82 Resp: 741491

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.0	51.0
54	51.1	46.9	70.3

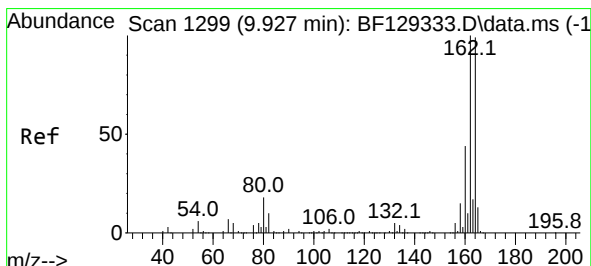
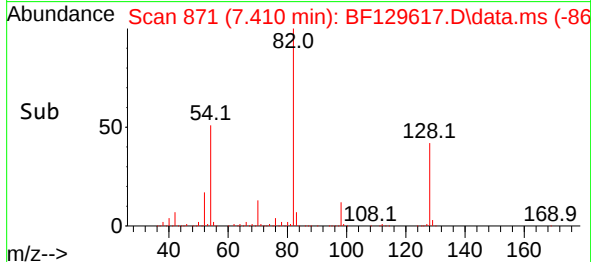
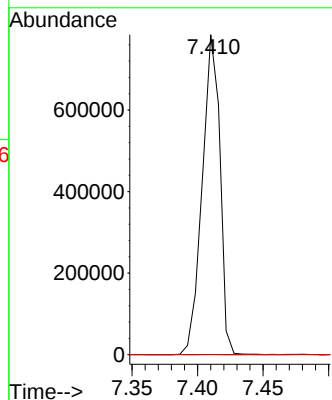
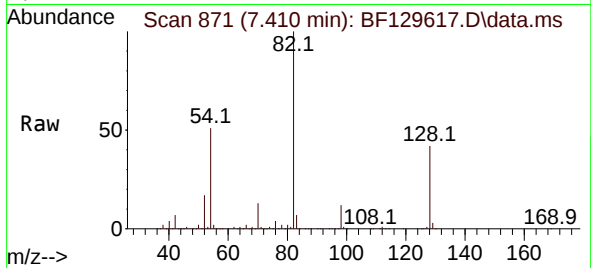




#25
Isophorone
Concen: 41.661 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

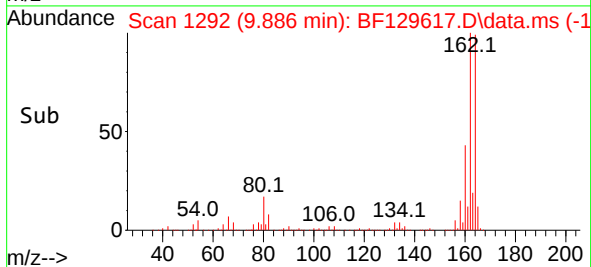
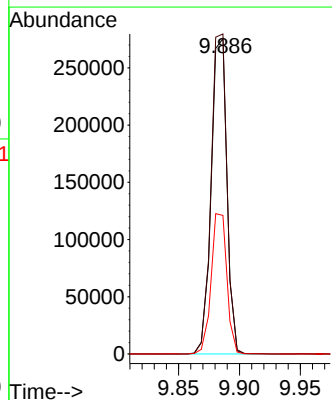
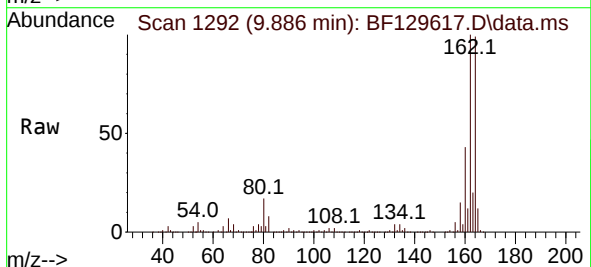
Instrument :
BNA_F
ClientSampleId :
RVE-178

Tgt Ion: 82 Resp: 738626
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: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

Tgt Ion: 164 Resp: 247157
Ion Ratio Lower Upper
164 100
162 101.5 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 105.509 ng

RT: 10.680 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129617.D

Acq: 06 Aug 2022 00:39

Instrument :

BNA_F

ClientSampleId :

RVE-178

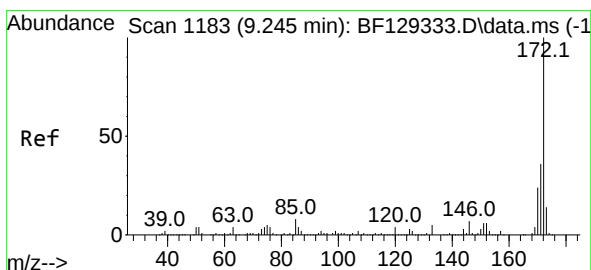
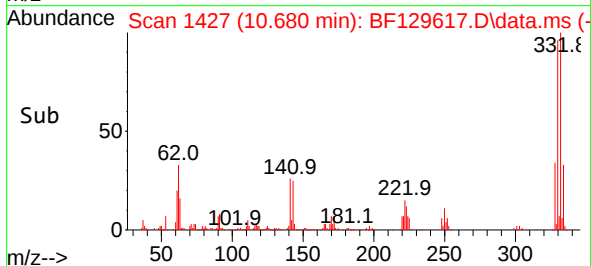
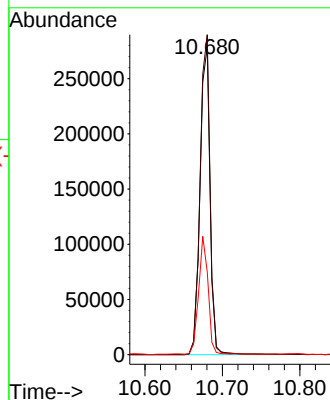
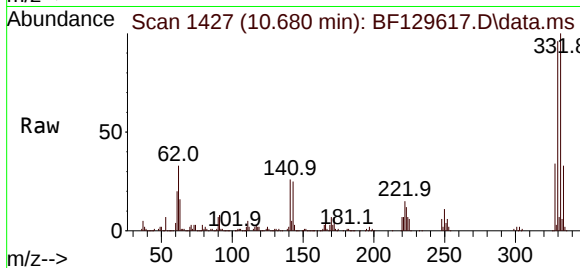
Tgt Ion:330 Resp: 250713

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 36.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.603 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129617.D

Acq: 06 Aug 2022 00:39

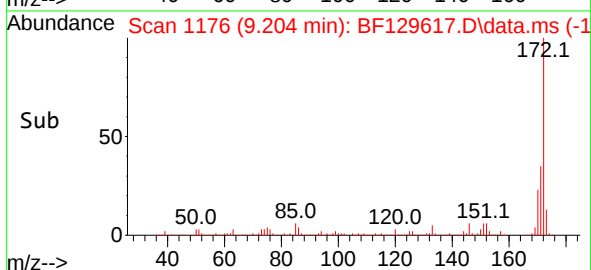
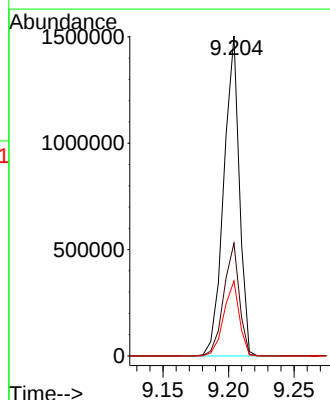
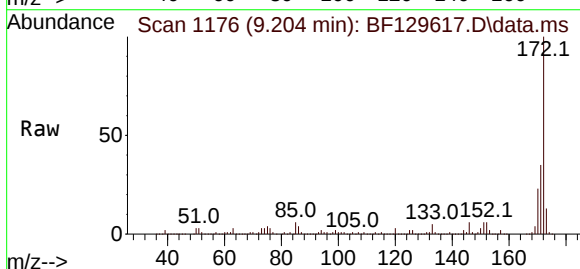
Tgt Ion:172 Resp: 1239875

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.747 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129617.D

Acq: 06 Aug 2022 00:39

Instrument :

BNA_F

ClientSampleId :

RVE-178

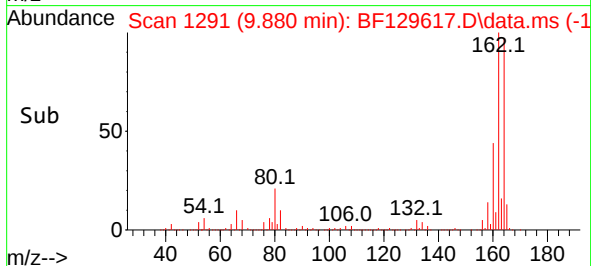
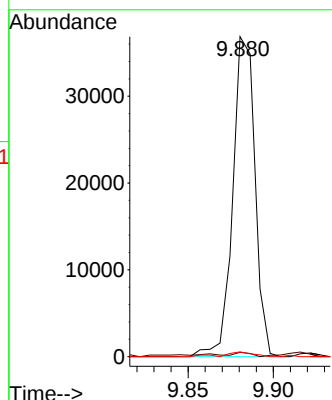
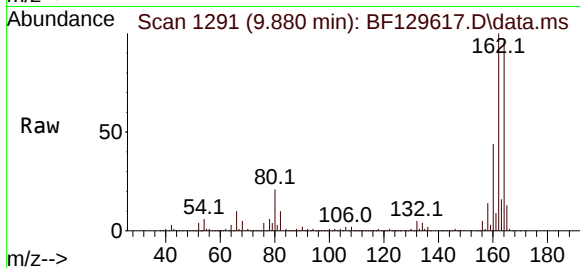
Tgt Ion:165 Resp: 33404

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.696 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129617.D

Acq: 06 Aug 2022 00:39

Tgt Ion:165 Resp: 33404

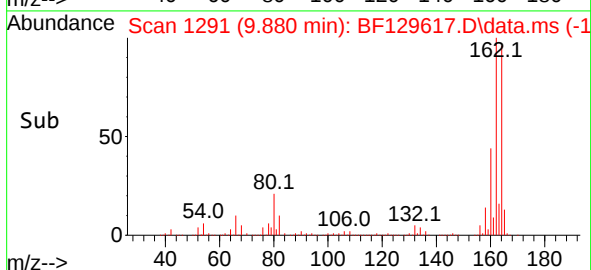
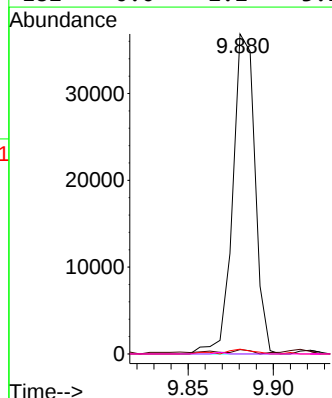
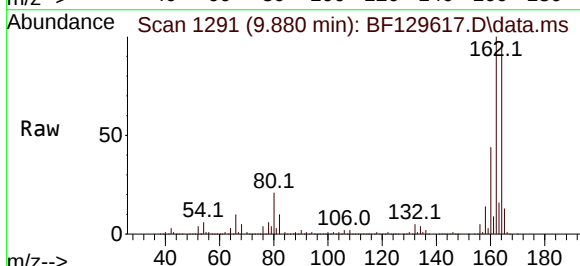
Ion Ratio Lower Upper

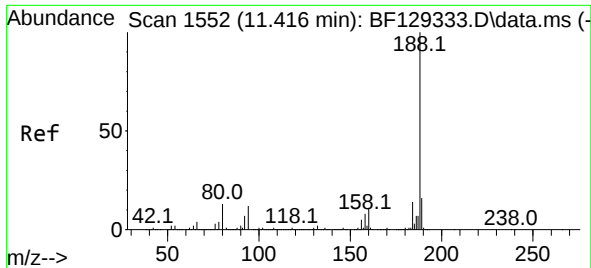
165 100

63 1.3 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

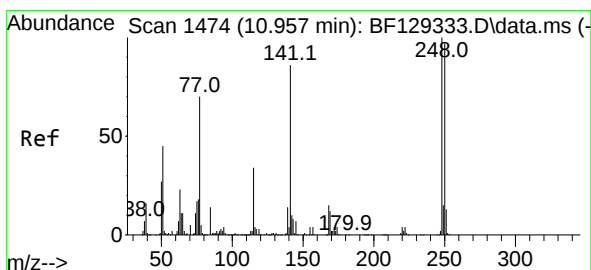
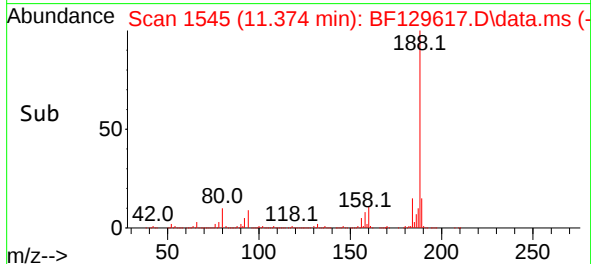
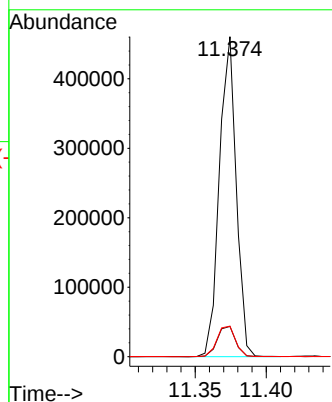
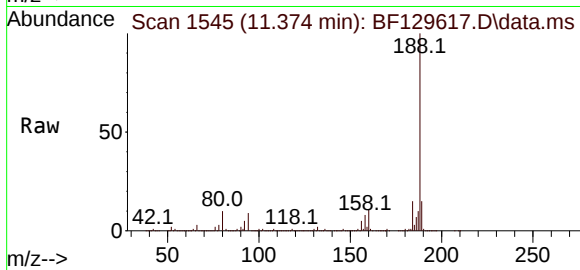




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

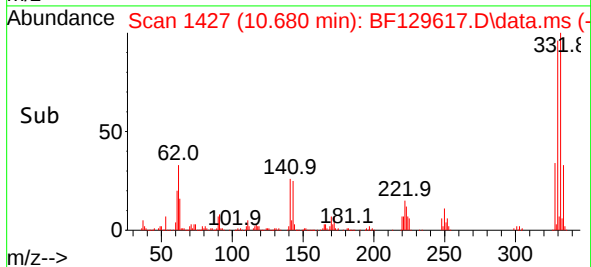
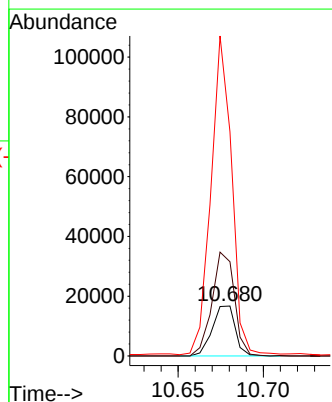
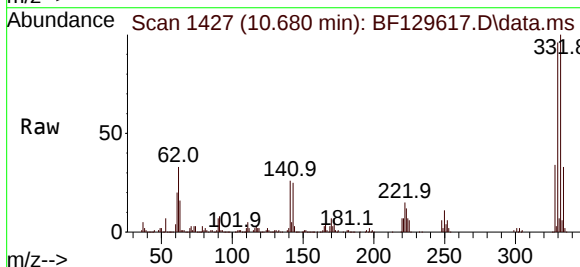
Instrument :
BNA_F
ClientSampleId :
RVE-178

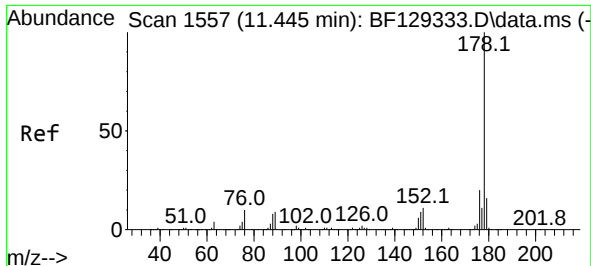
Tgt Ion:188 Resp: 379423
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.777 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

Tgt Ion:248 Resp: 15692
Ion Ratio Lower Upper
248 100
250 188.6 80.6 120.8#
141 448.4 58.9 88.3#

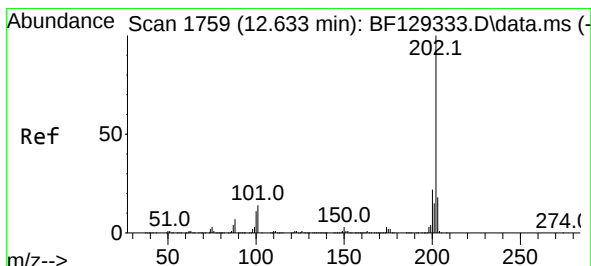
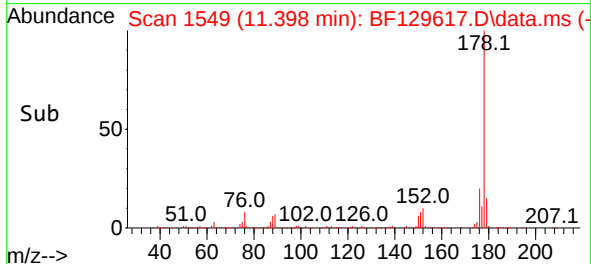
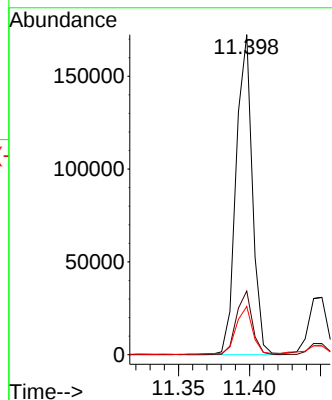
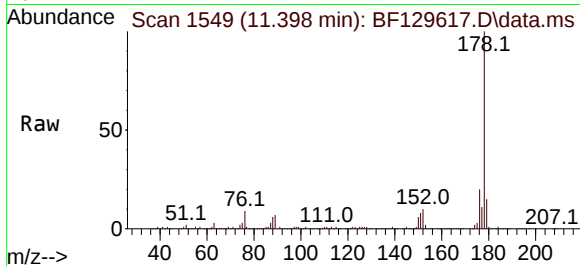




#71
Phenanthrene
Concen: 6.627 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.012 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

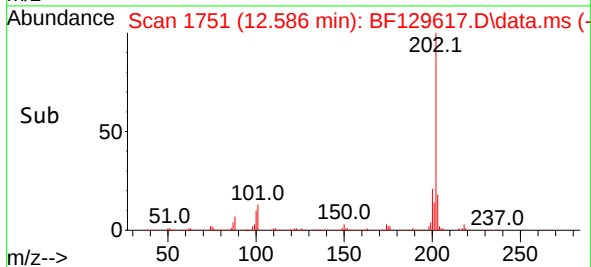
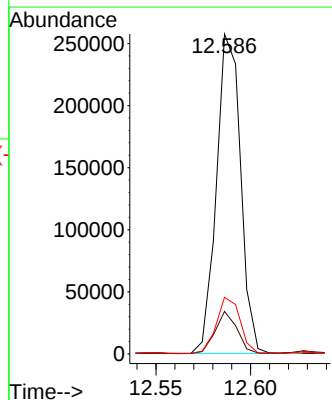
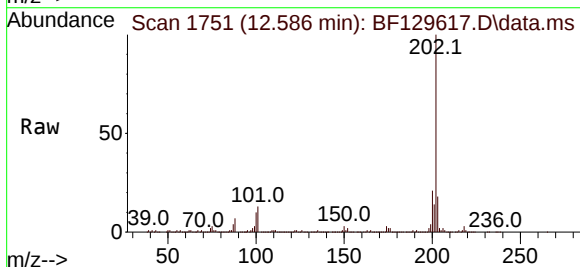
Instrument :
BNA_F
ClientSampleId :
RVE-178

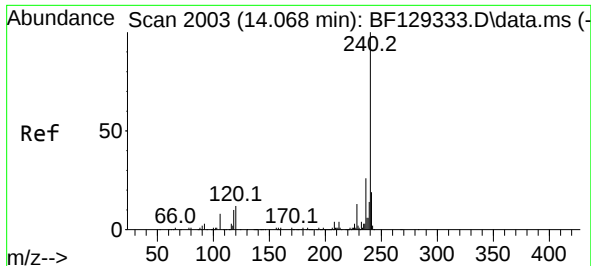
Tgt Ion:178 Resp: 137250
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.0 12.6 19.0



#75
Fluoranthene
Concen: 10.869 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

Tgt Ion:202 Resp: 228097
Ion Ratio Lower Upper
202 100
101 13.3 0.0 31.4
203 17.7 0.0 38.0

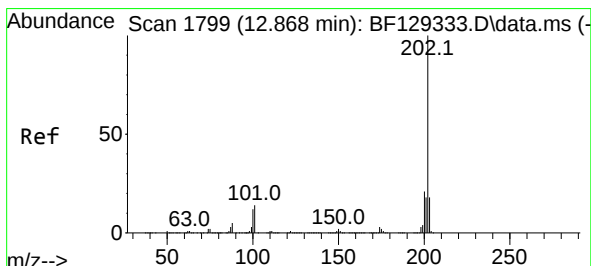
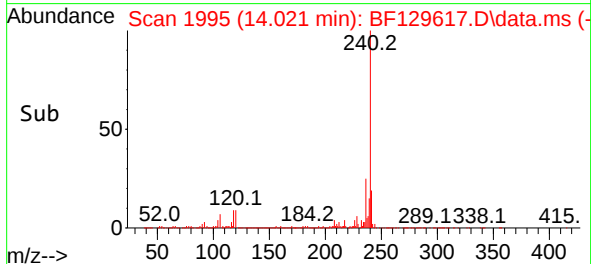
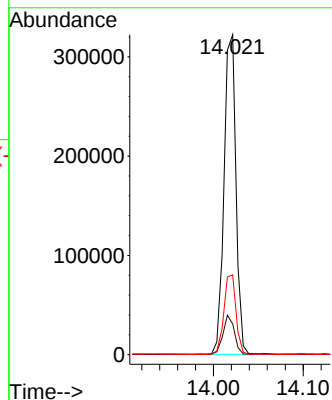
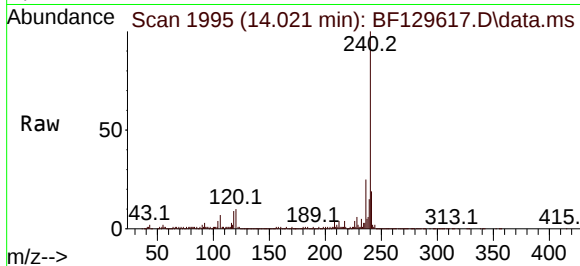




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

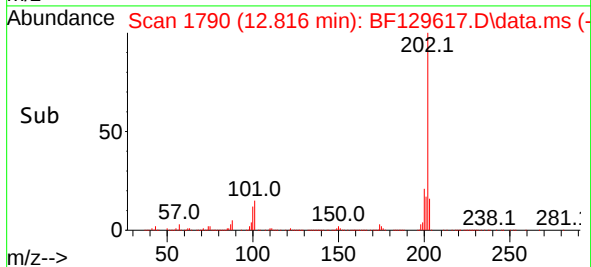
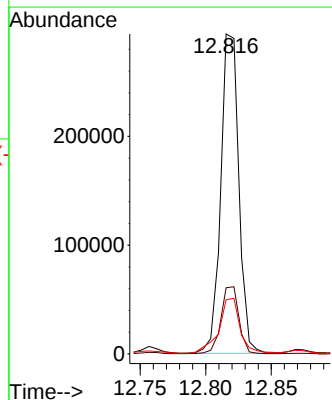
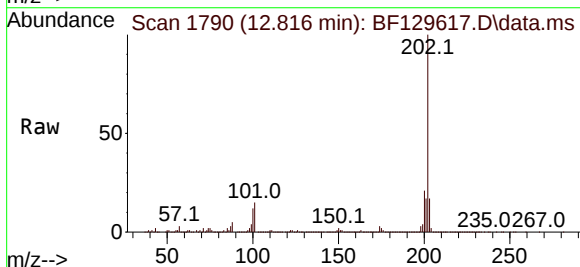
Instrument :
BNA_F
ClientSampleId :
RVE-178

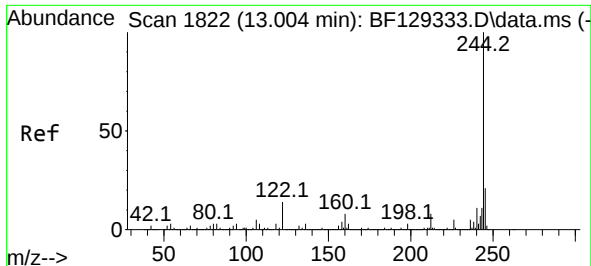
Tgt Ion:240 Resp: 297987
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 25.0 20.8 31.2



#78
Pyrene
Concen: 11.280 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

Tgt Ion:202 Resp: 281092
Ion Ratio Lower Upper
202 100
200 20.7 17.7 26.5
203 16.9 14.6 21.8

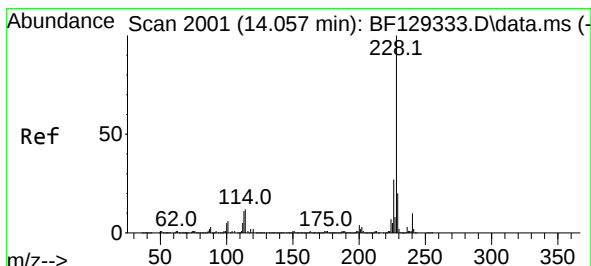
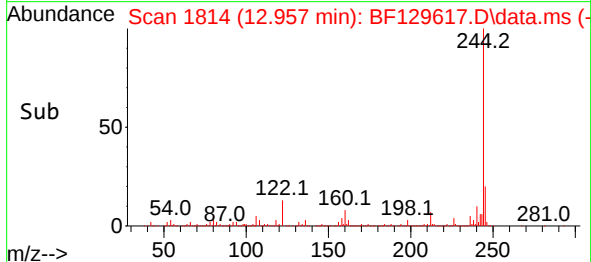
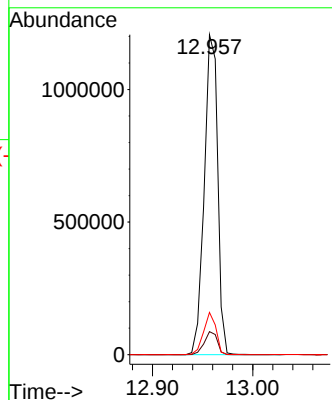
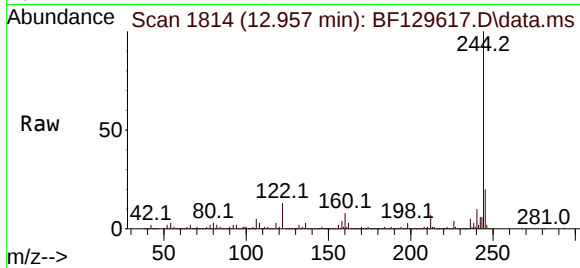




#79
 Terphenyl-d14
 Concen: 71.498 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129617.D
 Acq: 06 Aug 2022 00:39

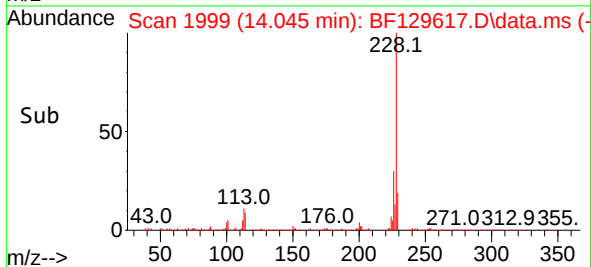
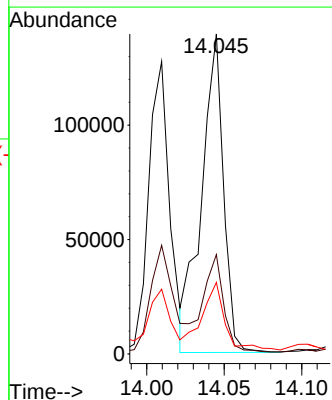
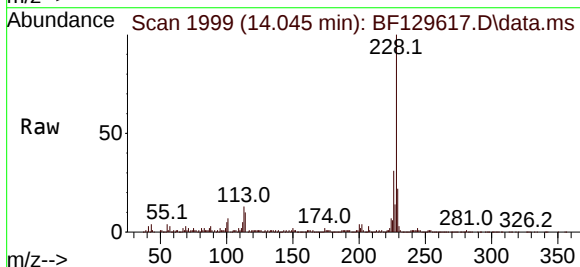
Instrument :
 BNA_F
 ClientSampleId :
 RVE-178

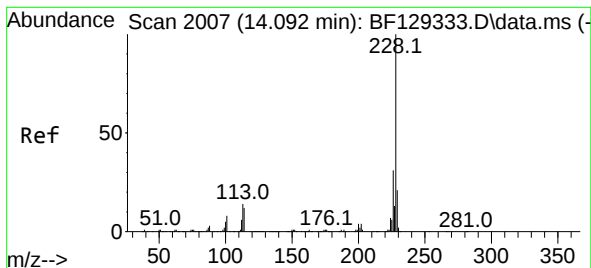
Tgt Ion:244 Resp: 1129319
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 13.2 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 6.769 ng
 RT: 14.045 min Scan# 1999
 Delta R.T. 0.029 min
 Lab File: BF129617.D
 Acq: 06 Aug 2022 00:39

Tgt Ion:228 Resp: 137788
 Ion Ratio Lower Upper
 228 100
 226 31.1 22.1 33.1
 229 22.4 15.8 23.8





#83

Chrysene

Concen: 7.182 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.012 min

Lab File: BF129617.D

Acq: 06 Aug 2022 00:39

Instrument :

BNA_F

ClientSampleId :

RVE-178

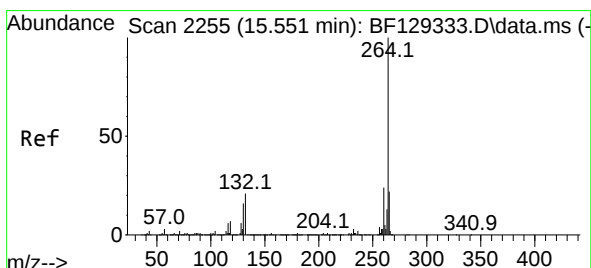
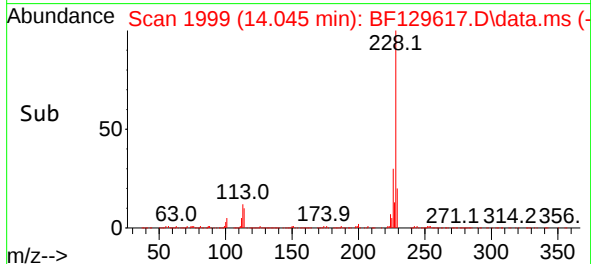
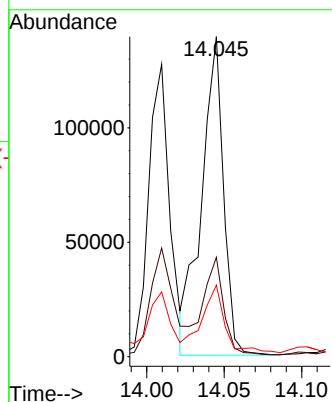
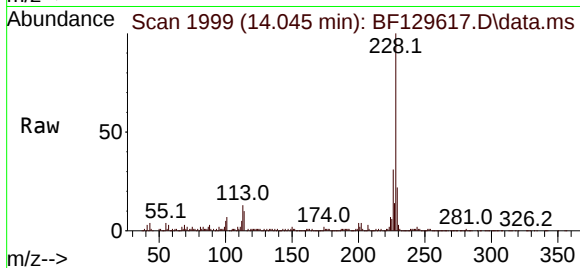
Tgt Ion:228 Resp: 137788

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 22.4 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2245

Delta R.T. -0.012 min

Lab File: BF129617.D

Acq: 06 Aug 2022 00:39

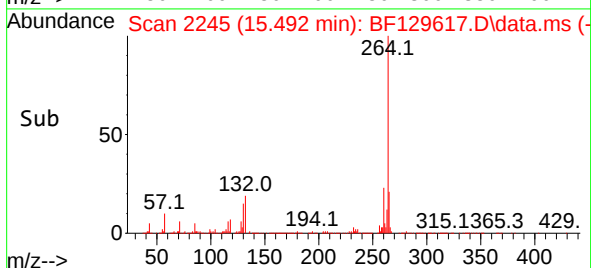
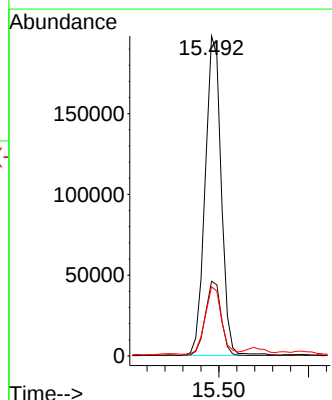
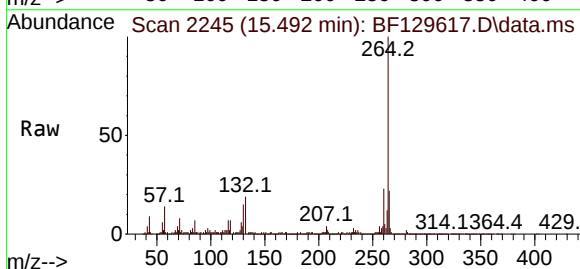
Tgt Ion:264 Resp: 245513

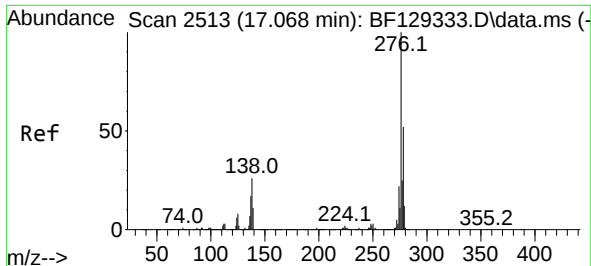
Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.6 17.2 25.8

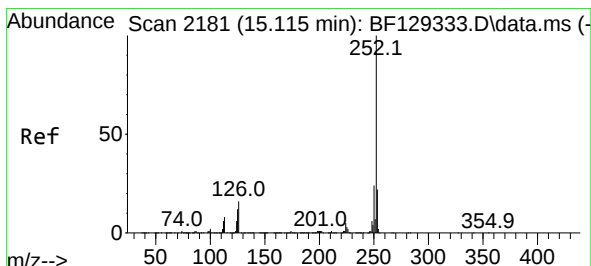
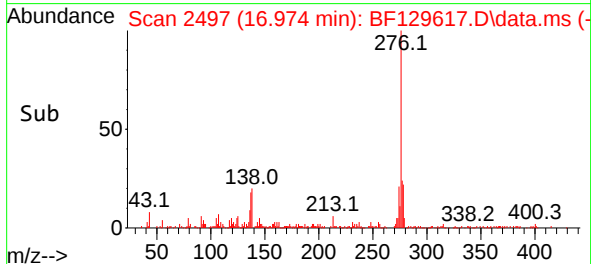
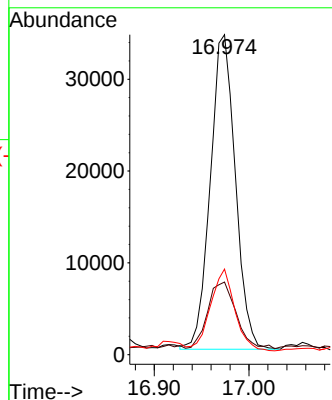
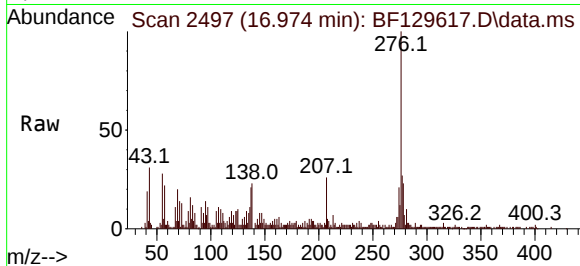




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.811 ng
RT: 16.974 min Scan# 2497
Delta R.T. -0.024 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

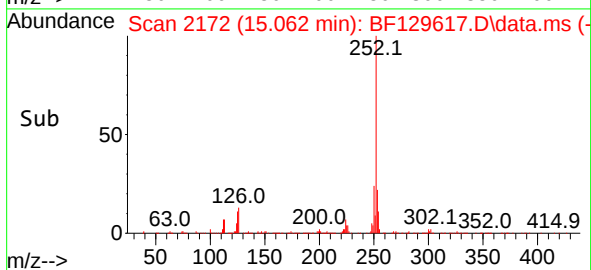
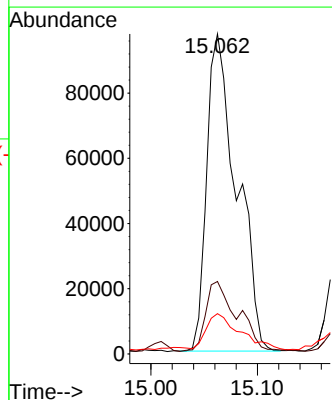
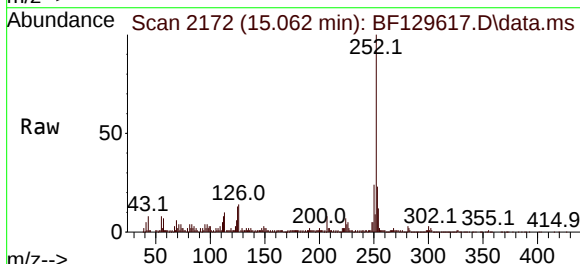
Instrument :
BNA_F
ClientSampleId :
RVE-178

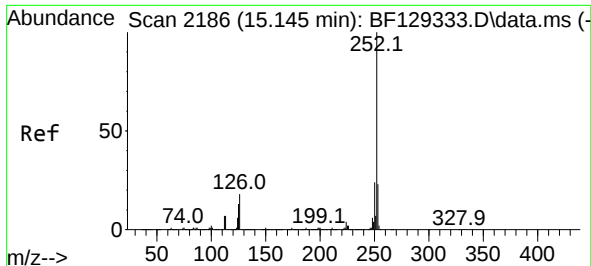
Tgt Ion:276 Resp: 63010
Ion Ratio Lower Upper
276 100
138 24.1 21.1 31.7
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 11.682 ng
RT: 15.062 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

Tgt Ion:252 Resp: 190241
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 12.6 8.0 12.0#

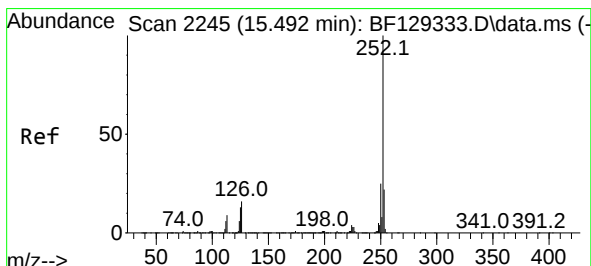
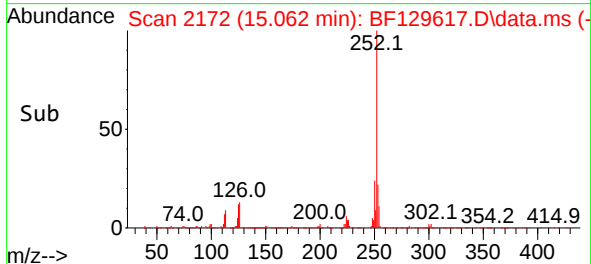
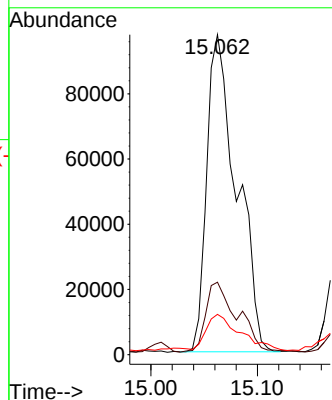
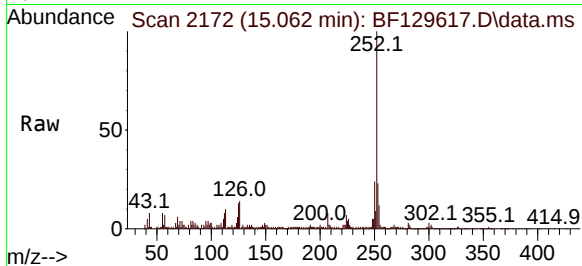




#89
Benzo(k)fluoranthene
Concen: 11.920 ng
RT: 15.062 min Scan# 2186
Delta R.T. -0.041 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

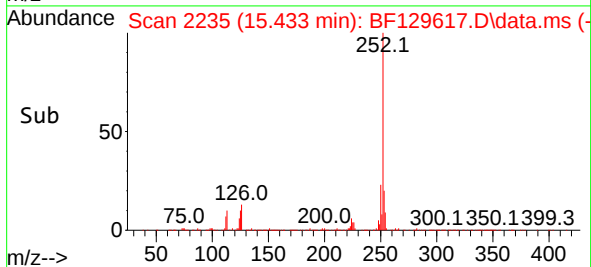
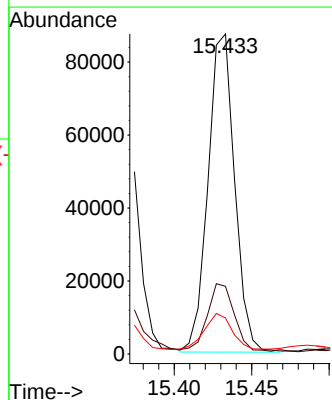
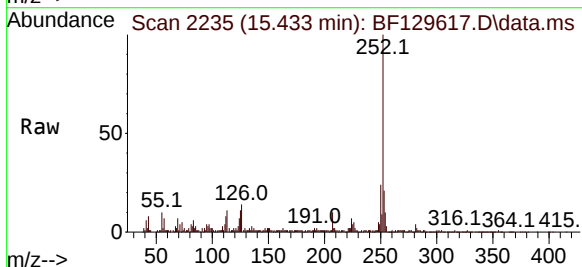
Instrument :
BNA_F
ClientSampleId :
RVE-178

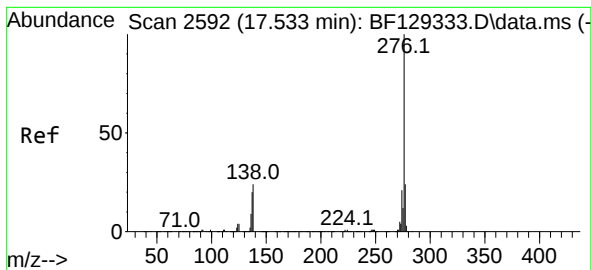
Tgt Ion:252 Resp: 190241
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 12.6 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 7.897 ng
RT: 15.433 min Scan# 2235
Delta R.T. -0.006 min
Lab File: BF129617.D
Acq: 06 Aug 2022 00:39

Tgt Ion:252 Resp: 104406
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 11.2 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 5.078 ng

RT: 17.427 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF129617.D

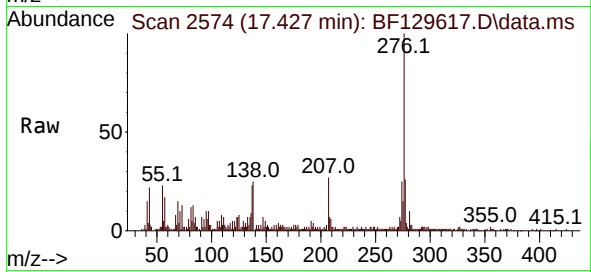
Acq: 06 Aug 2022 00:39

Instrument :

BNA_F

ClientSampleId :

RVE-178



Tgt Ion:276 Resp: 69817

Ion Ratio Lower Upper

276 100

277 25.5 19.1 28.7

138 24.9 18.0 27.0

