

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129648.D
 Acq On : 09 Aug 2022 00:30
 Operator : CG\JU
 Sample : N3962-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-202

Quant Time: Aug 09 01:24:26 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

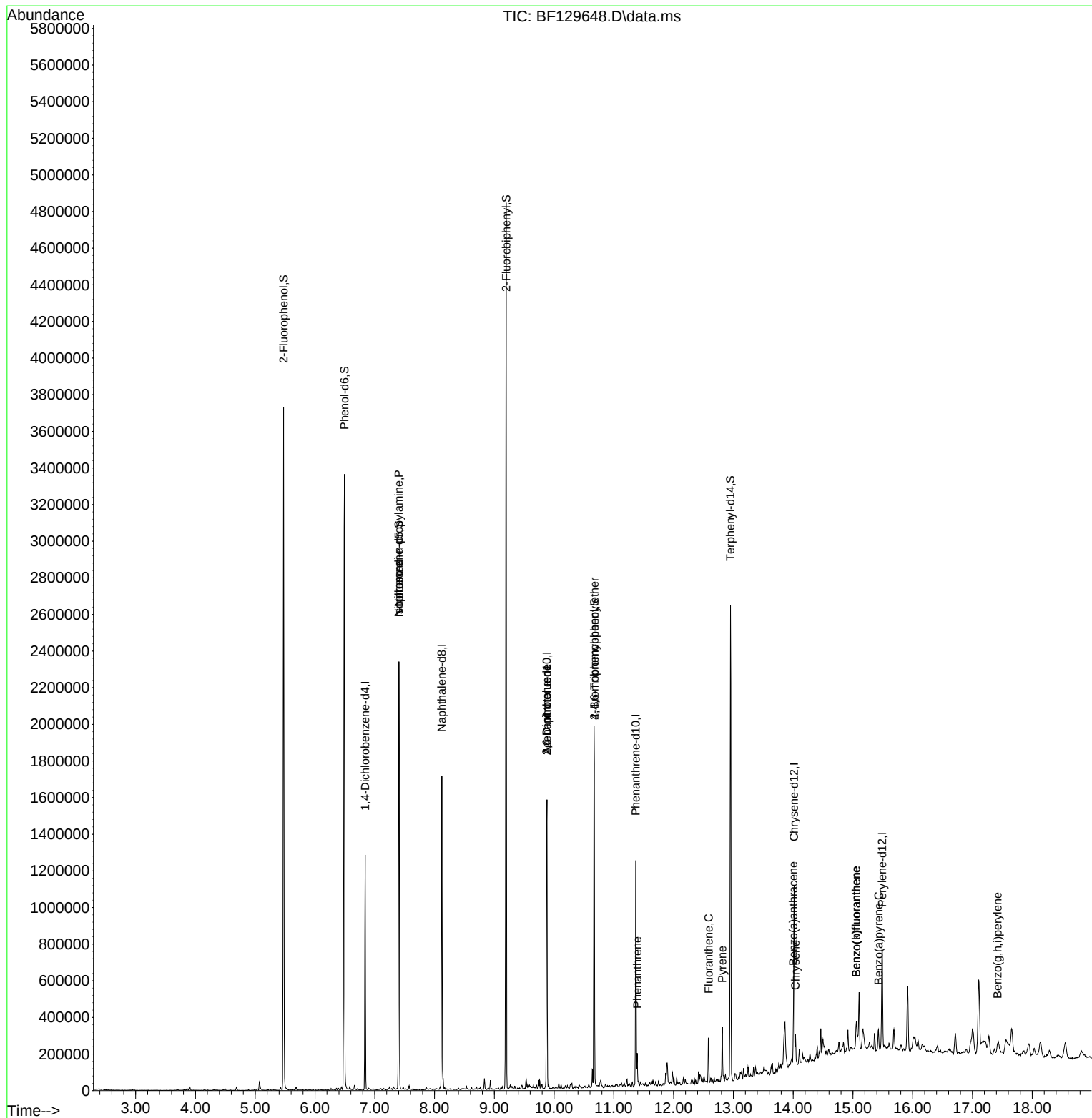
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	172226	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	663177	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	313299	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	401094	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	288918	20.000	ng	-0.01
86) Perylene-d12	15.492	264	240489	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	939398	88.853	ng	0.00
7) Phenol-d6	6.492	99	1162811	87.502	ng	-0.01
23) Nitrobenzene-d5	7.404	82	758404	62.427	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	226398	75.162	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1339755	66.152	ng	-0.01
79) Terphenyl-d14	12.951	244	873018	57.006	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	100545	12.498	ng	# 72
25) Isophorone	7.404	82	754701	34.657	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	41730	8.621	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	41730	6.599	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	14718	3.351	ng	# 1
71) Phenanthrene	11.392	178	58140	2.655	ng	97
75) Fluoranthene	12.586	202	91267	4.114	ng	97
78) Pyrene	12.816	202	108158	4.477	ng	97
81) Benzo(a)anthracene	14.004	228	55426	2.808	ng	91
83) Chrysene	14.039	228	61042	3.282	ng	96
88) Benzo(b)fluoranthene	15.057	252	94284	5.910	ng	# 91
89) Benzo(k)fluoranthene	15.057	252	94284	6.031	ng	# 91
90) Benzo(a)pyrene	15.427	252	46685	3.605	ng	# 95
92) Benzo(g,h,i)perylene	17.421	276	29125	2.162	ng	# 92

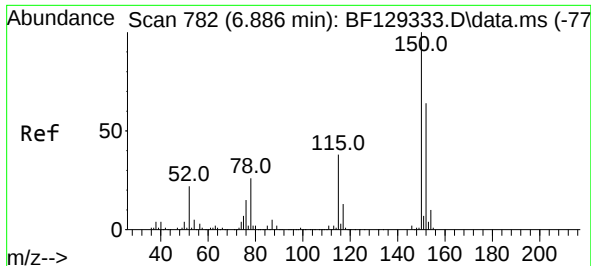
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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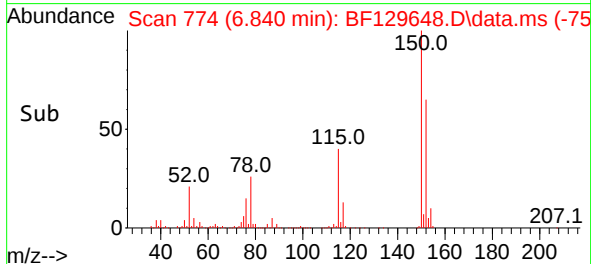
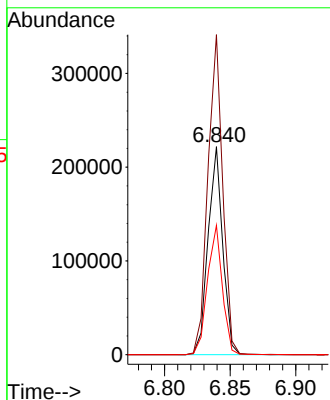
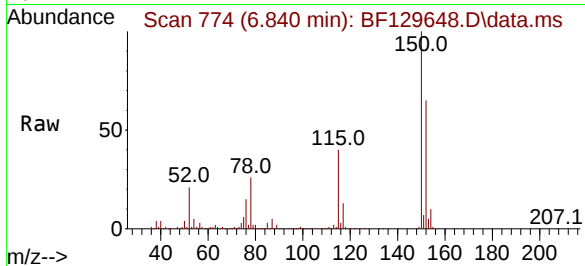




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129648.D
 Acq: 09 Aug 2022 00:30

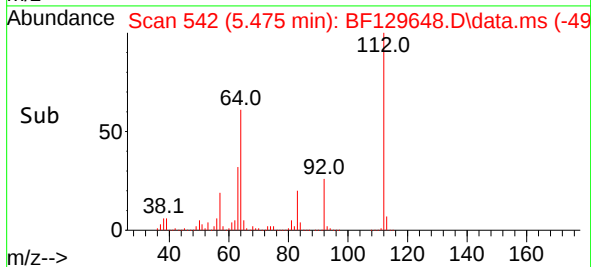
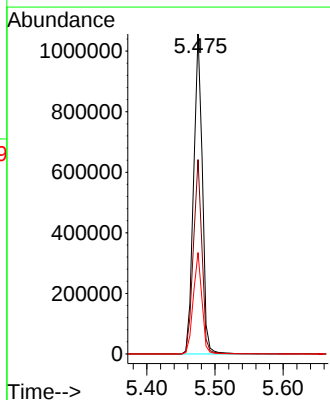
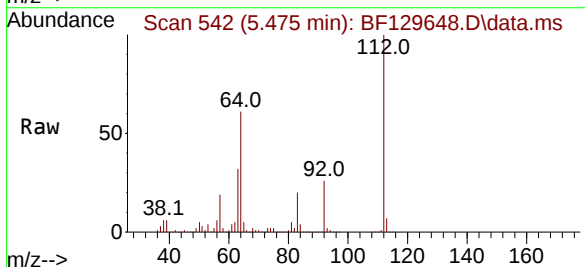
Instrument :
 BNA_F
 ClientSampleId :
 RVE-202

Tgt Ion:152 Resp: 172226
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.7 185.5
 115 62.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 88.853 ng
 RT: 5.475 min Scan# 542
 Delta R.T. -0.006 min
 Lab File: BF129648.D
 Acq: 09 Aug 2022 00:30

Tgt Ion:112 Resp: 939398
 Ion Ratio Lower Upper
 112 100
 64 60.8 53.3 79.9
 63 31.7 28.0 42.0



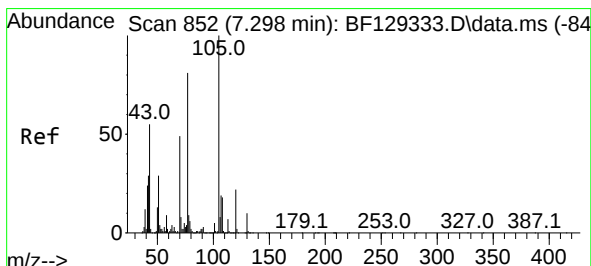
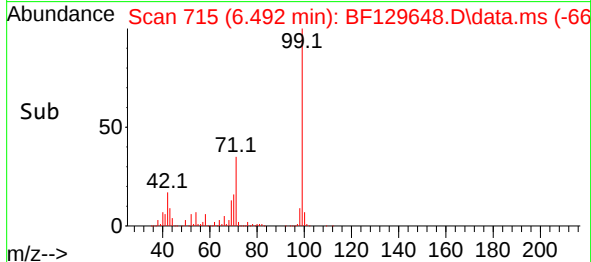
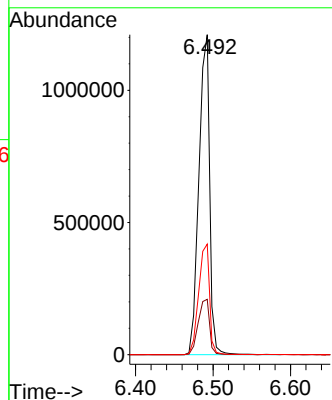
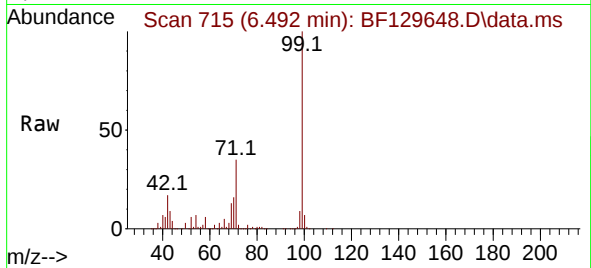


#7
Phenol-d6
Concen: 87.502 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Instrument :
BNA_F
ClientSampleId :
RVE-202

Tgt Ion: 99 Resp: 1162811

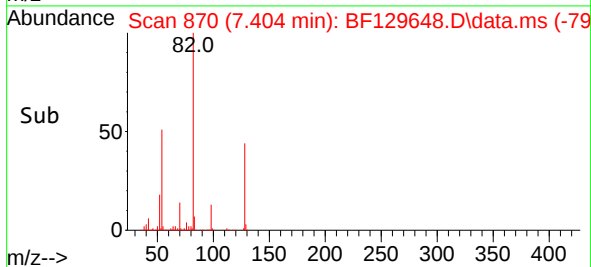
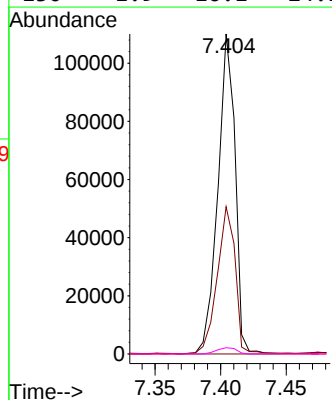
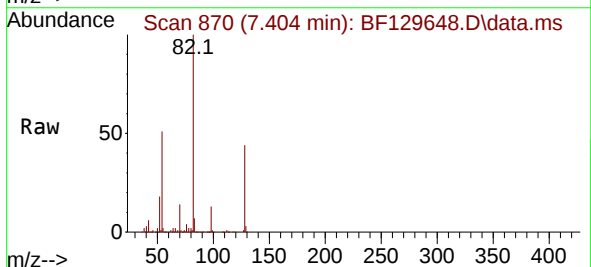
Ion	Ratio	Lower	Upper
99	100		
42	17.3	17.3	25.9
71	34.6	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.498 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Tgt Ion: 70 Resp: 100545

Ion	Ratio	Lower	Upper
70	100		
42	46.0	52.3	78.5#
101	0.0	7.5	11.3#
130	1.9	16.1	24.1#

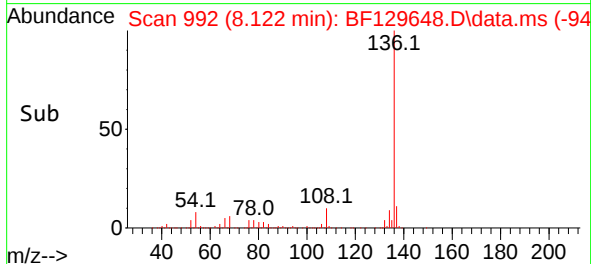
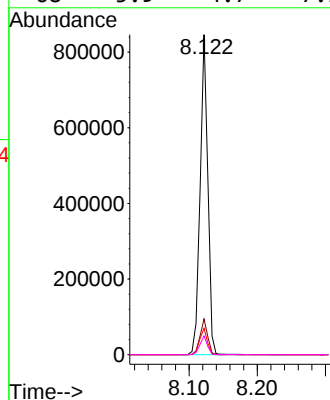
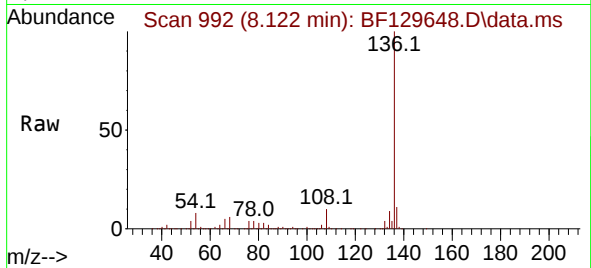




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

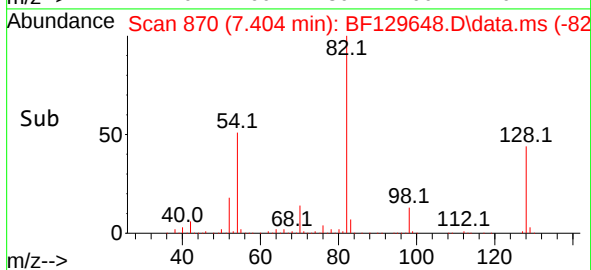
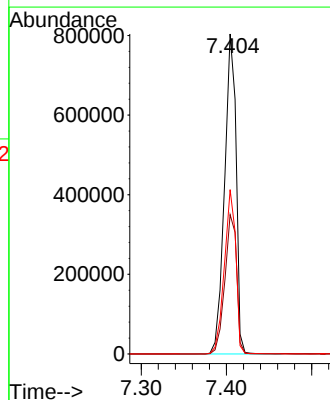
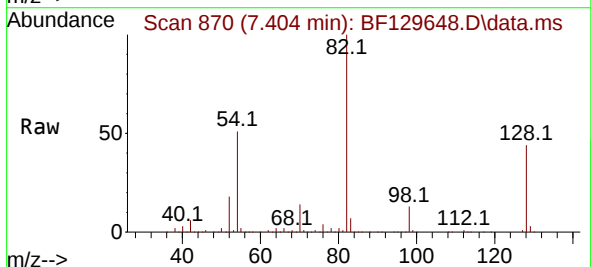
Instrument :
BNA_F
ClientSampleId :
RVE-202

Tgt Ion:136 Resp: 663177
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 7.5 11.3
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 62.427 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Tgt Ion: 82 Resp: 758404
Ion Ratio Lower Upper
82 100
128 43.5 34.0 51.0
54 51.3 46.9 70.3

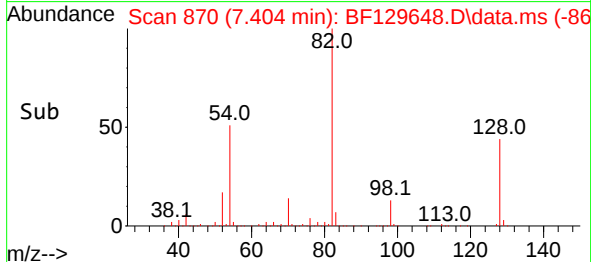
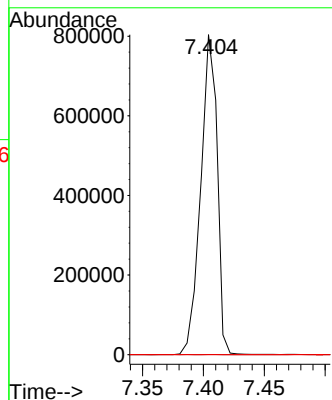
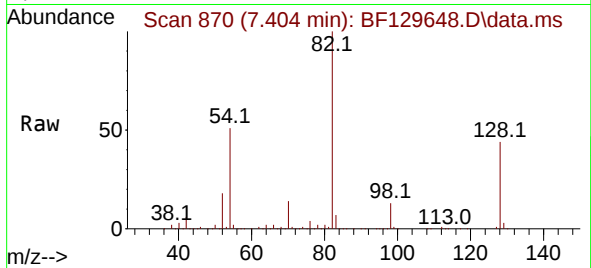




#25
Isophorone
Concen: 34.657 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

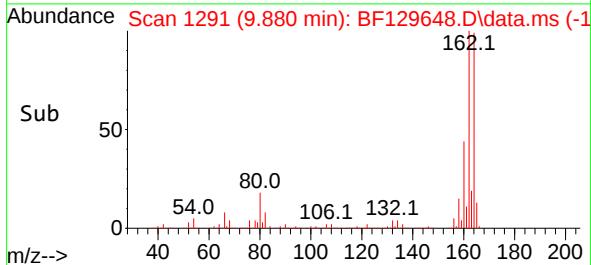
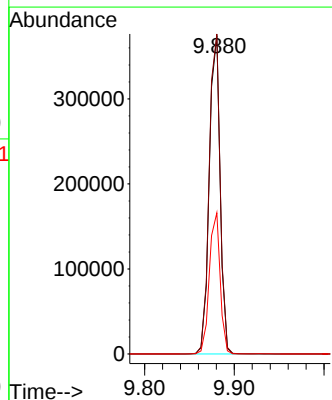
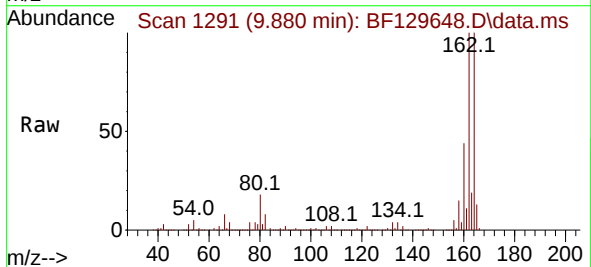
Instrument :
BNA_F
ClientSampleId :
RVE-202

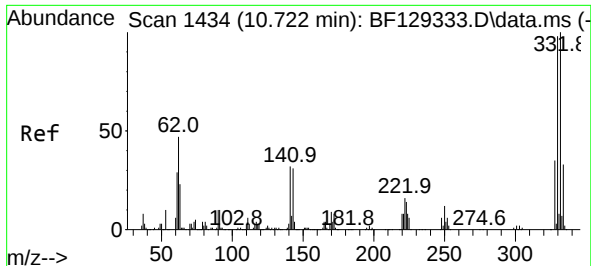
Tgt Ion: 82 Resp: 754701
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Tgt Ion:164 Resp: 313299
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 75.162 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129648.D

Acq: 09 Aug 2022 00:30

Instrument :

BNA_F

ClientSampleId :

RVE-202

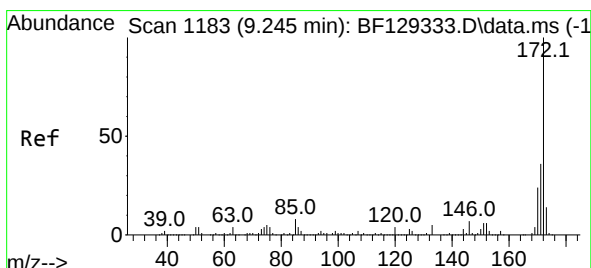
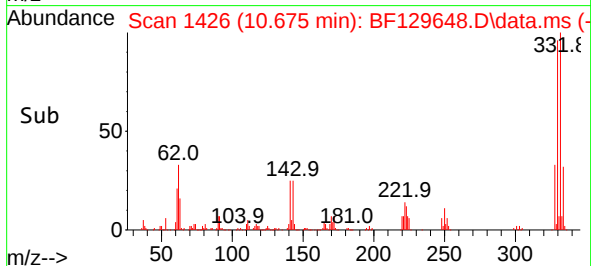
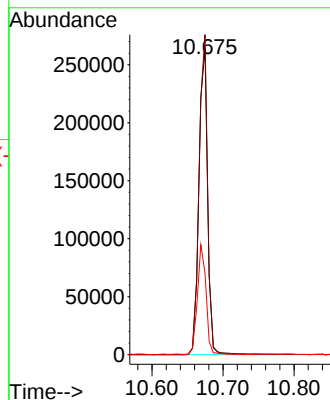
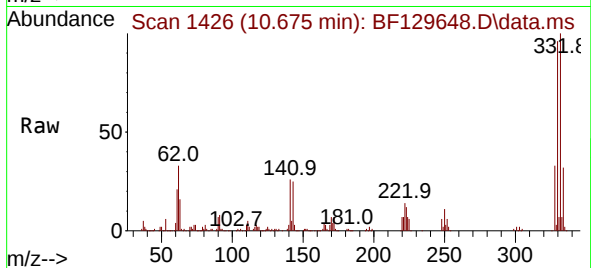
Tgt Ion:330 Resp: 226398

Ion Ratio Lower Upper

330 100

332 101.9 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 66.152 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129648.D

Acq: 09 Aug 2022 00:30

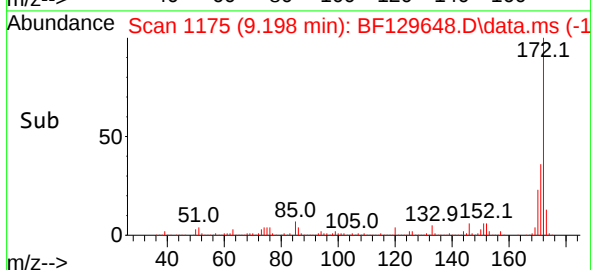
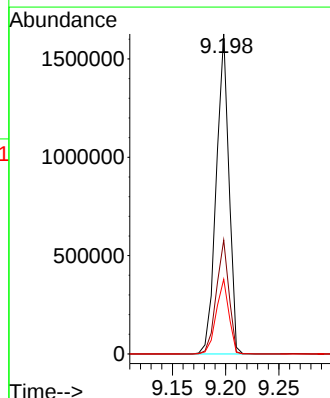
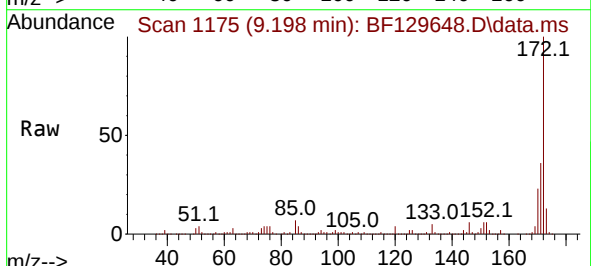
Tgt Ion:172 Resp: 1339755

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.621 ng

RT: 9.880 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF129648.D

Acq: 09 Aug 2022 00:30

Instrument :

BNA_F

ClientSampleId :

RVE-202

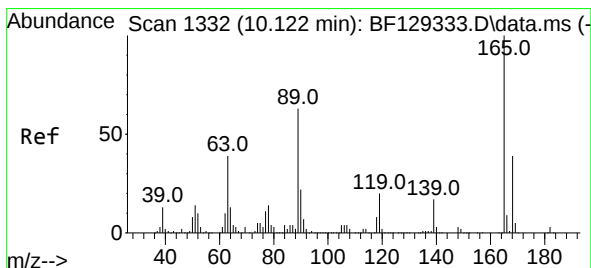
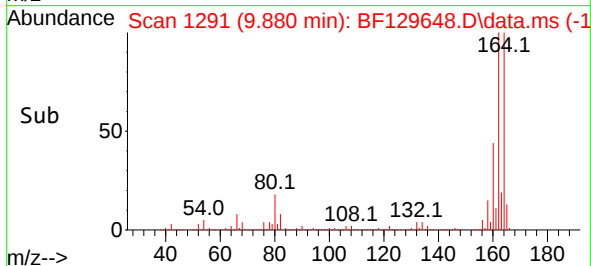
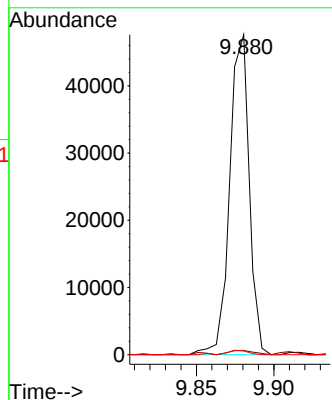
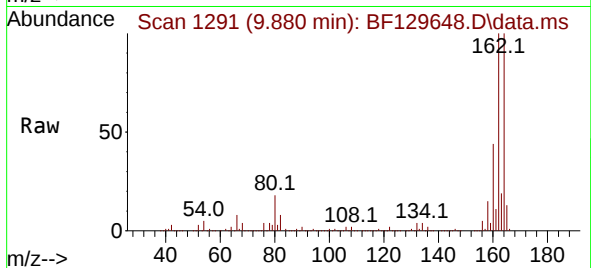
Tgt Ion:165 Resp: 41730

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.599 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129648.D

Acq: 09 Aug 2022 00:30

Tgt Ion:165 Resp: 41730

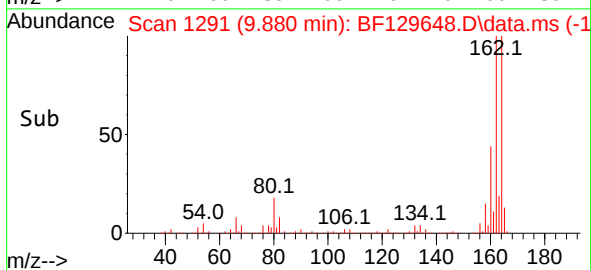
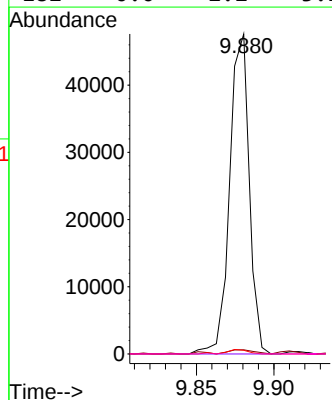
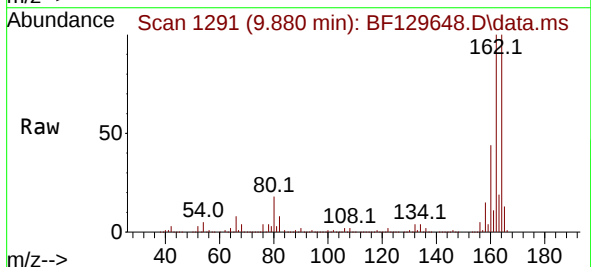
Ion Ratio Lower Upper

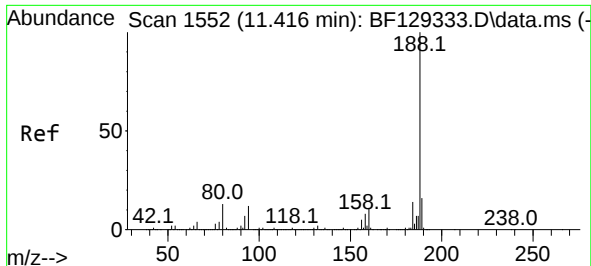
165 100

63 1.3 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#

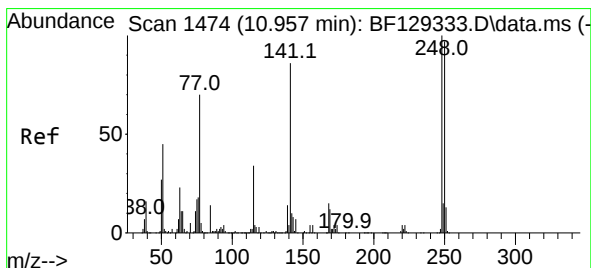
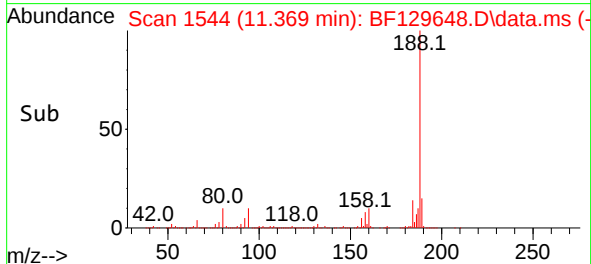
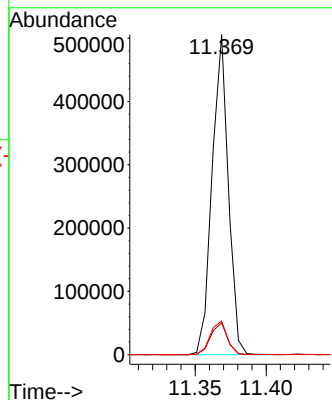
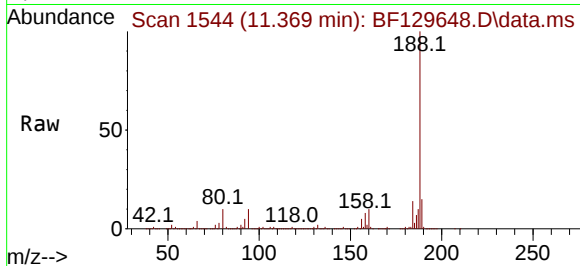




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

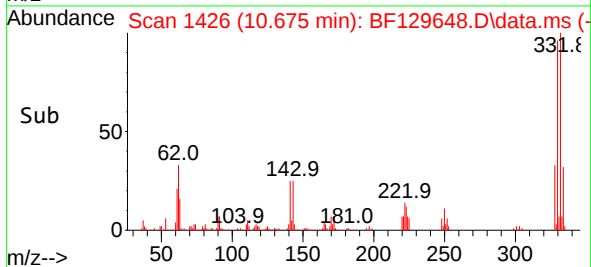
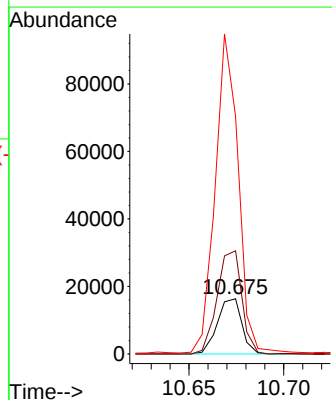
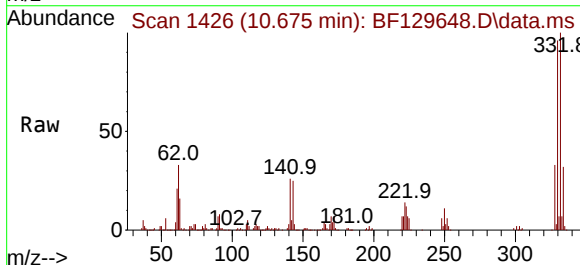
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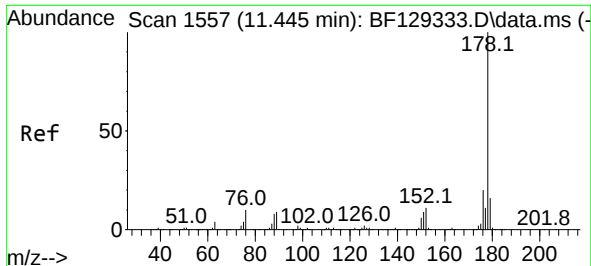
Tgt Ion:188 Resp: 401094
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.351 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Tgt Ion:248 Resp: 14718
Ion Ratio Lower Upper
248 100
250 186.9 80.6 120.8#
141 430.7 58.9 88.3#

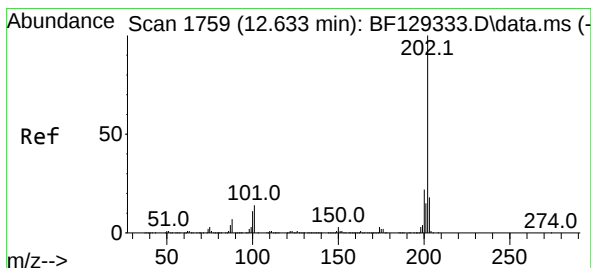
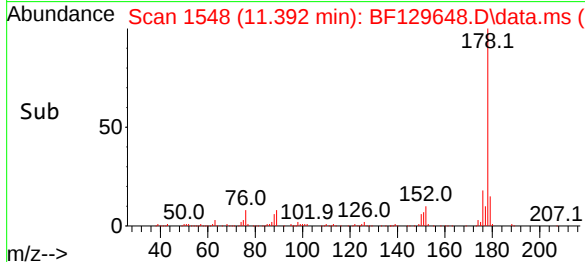
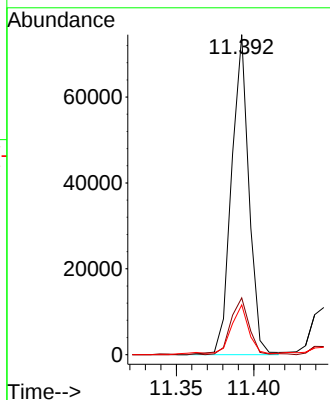
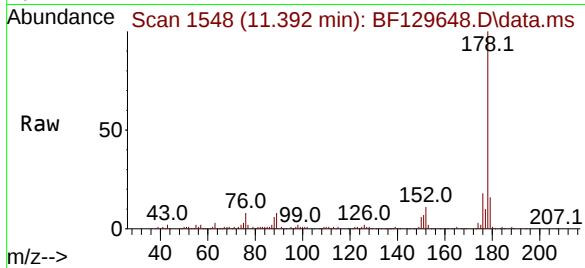




#71
Phenanthrene
Concen: 2.655 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

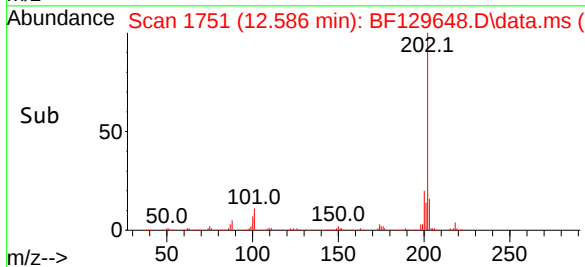
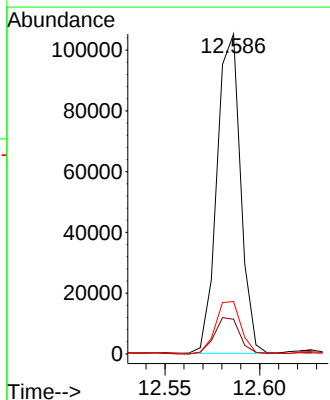
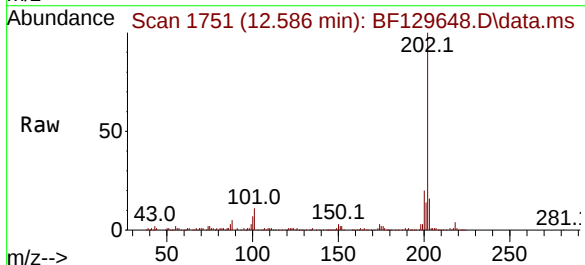
Instrument :
BNA_F
ClientSampleId :
RVE-202

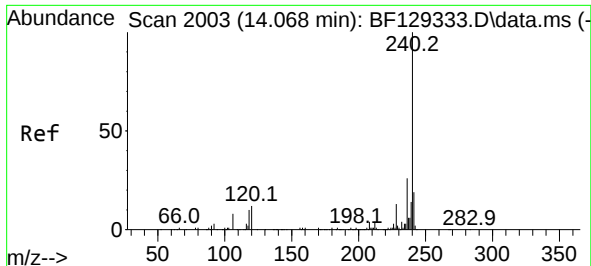
Tgt Ion:178 Resp: 58140
Ion Ratio Lower Upper
178 100
176 17.8 16.0 24.0
179 15.6 12.6 19.0



#75
Fluoranthene
Concen: 4.114 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Tgt Ion:202 Resp: 91267
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 16.4 0.0 38.0

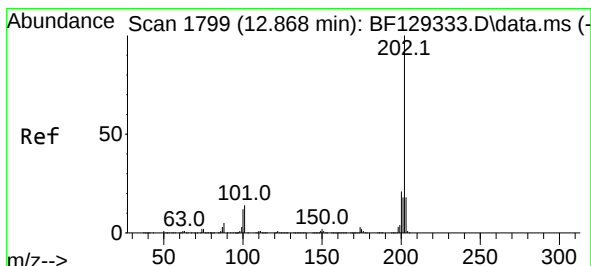
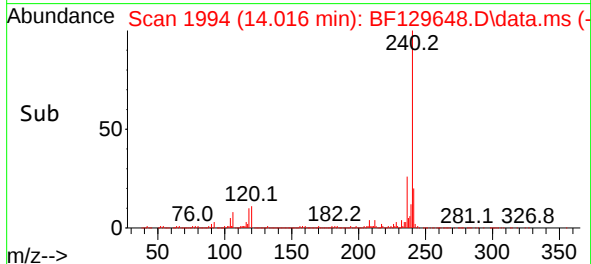
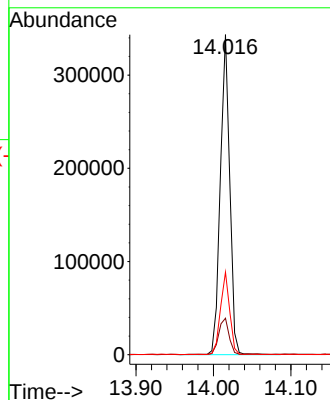
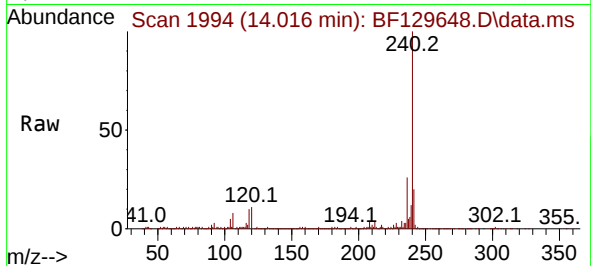




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

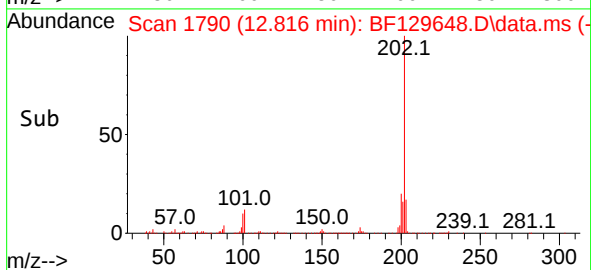
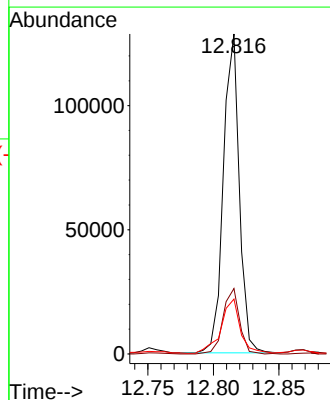
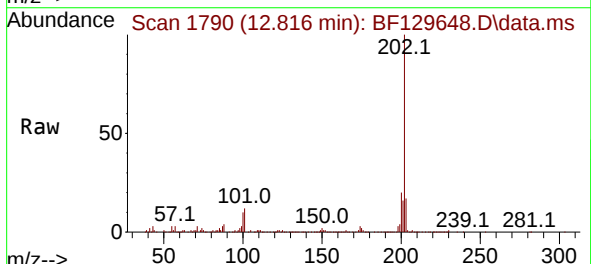
Instrument :
BNA_F
ClientSampleId :
RVE-202

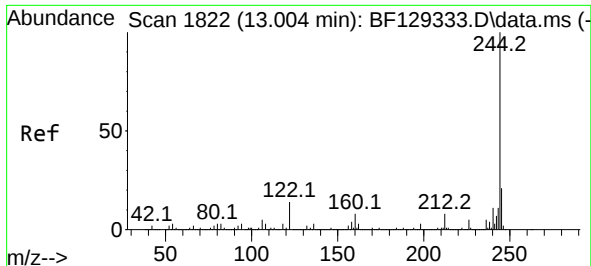
Tgt Ion:240 Resp: 288918
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.8 20.8 31.2



#78
Pyrene
Concen: 4.477 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129648.D
Acq: 09 Aug 2022 00:30

Tgt Ion:202 Resp: 108158
Ion Ratio Lower Upper
202 100
200 20.5 17.7 26.5
203 17.2 14.6 21.8

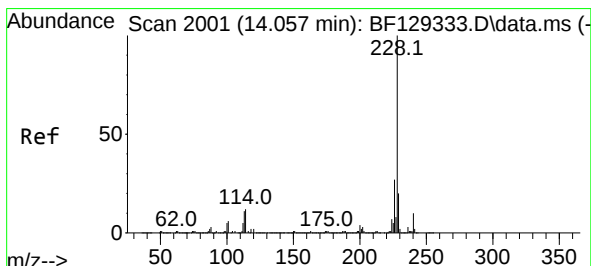
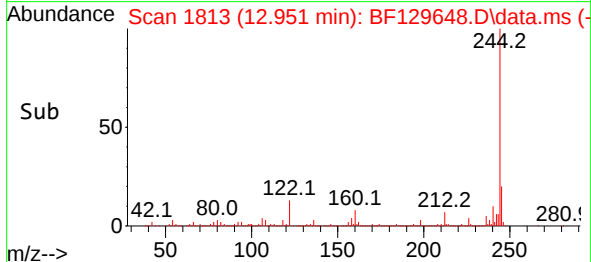
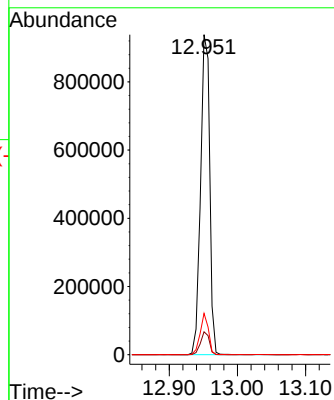
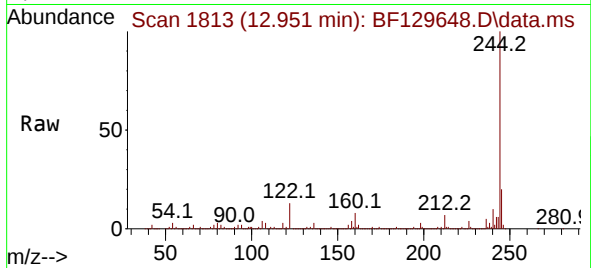




#79
 Terphenyl-d14
 Concen: 57.006 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF129648.D
 Acq: 09 Aug 2022 00:30

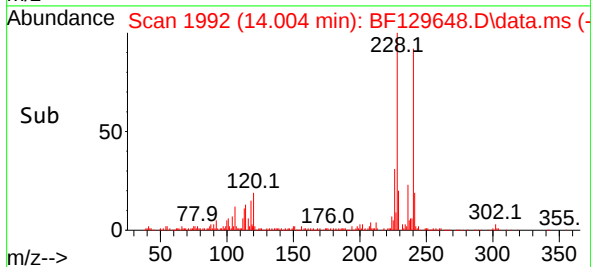
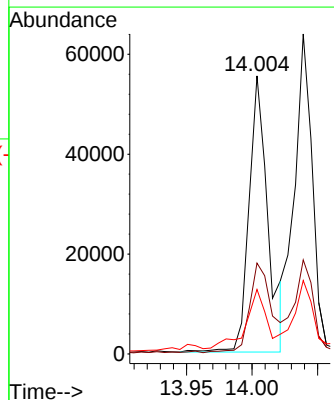
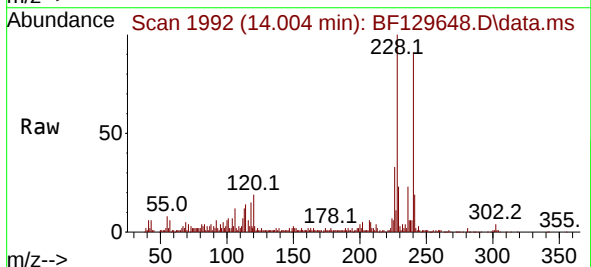
Instrument :
 BNA_F
 ClientSampleId :
 RVE-202

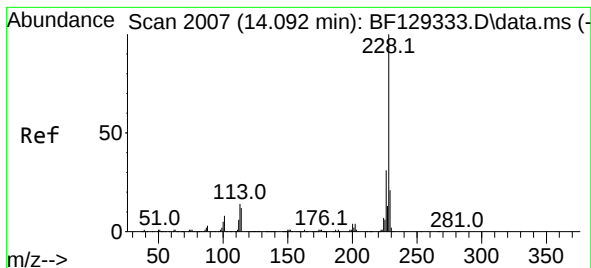
Tgt Ion:244 Resp: 873018
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 12.9 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 2.808 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF129648.D
 Acq: 09 Aug 2022 00:30

Tgt Ion:228 Resp: 55426
 Ion Ratio Lower Upper
 228 100
 226 32.7 22.1 33.1
 229 23.2 15.8 23.8





#83

Chrysene

Concen: 3.282 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.018 min

Lab File: BF129648.D

Acq: 09 Aug 2022 00:30

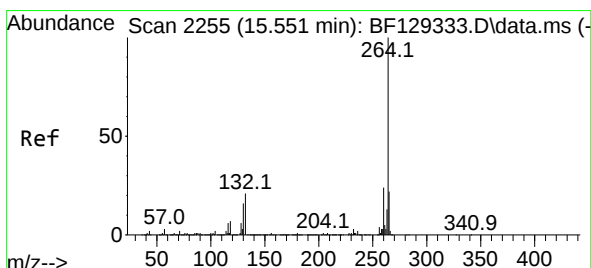
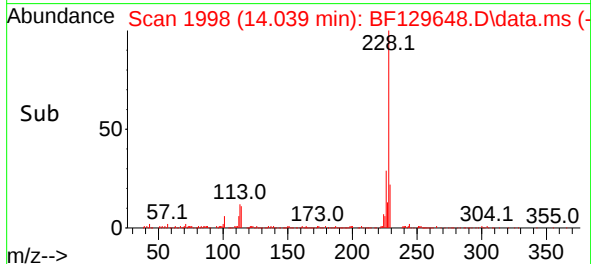
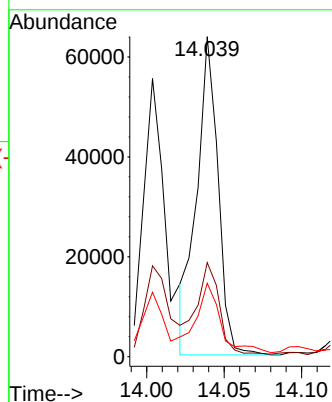
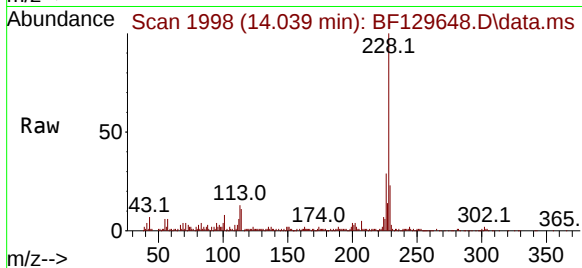
Instrument :

BNA_F

ClientSampleId :

RVE-202

Tgt Ion:228	Resp: 61042
Ion Ratio	Lower Upper
228	100
226	29.4 24.3 36.5
229	22.9 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

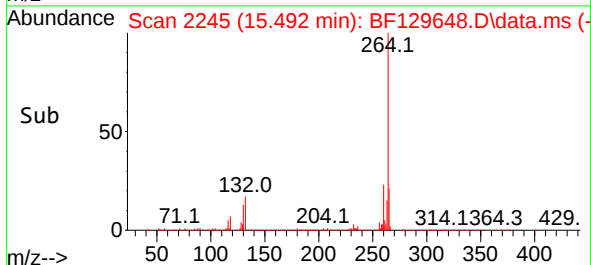
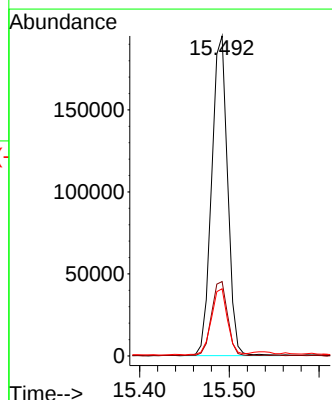
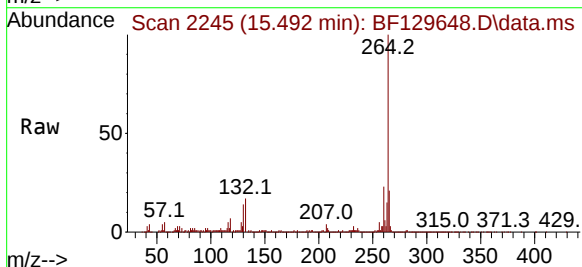
RT: 15.492 min Scan# 2245

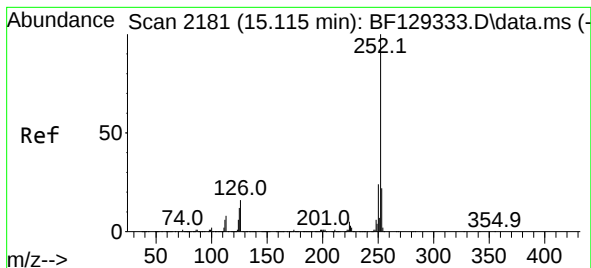
Delta R.T. -0.012 min

Lab File: BF129648.D

Acq: 09 Aug 2022 00:30

Tgt Ion:264	Resp: 240489
Ion Ratio	Lower Upper
264	100
260	23.3 18.4 27.6
265	21.0 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 5.910 ng

RT: 15.057 min Scan# 2171

Delta R.T. -0.012 min

Lab File: BF129648.D

Acq: 09 Aug 2022 00:30

Instrument :

BNA_F

ClientSampleId :

RVE-202

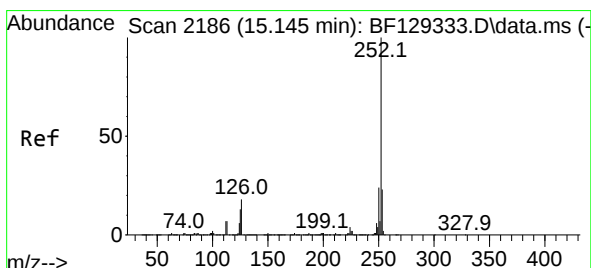
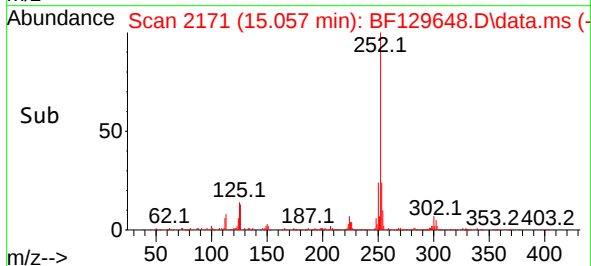
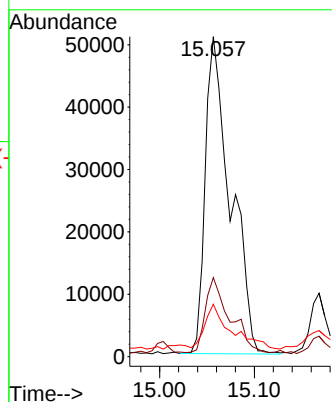
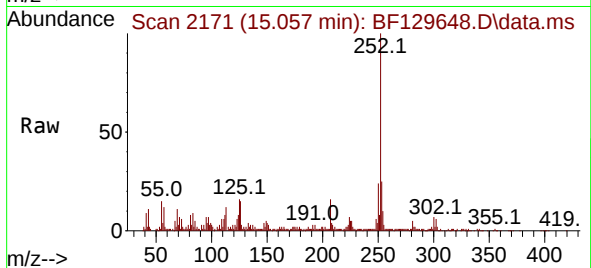
Tgt Ion:252 Resp: 94284

Ion Ratio Lower Upper

252 100

253 24.7 17.7 26.5

125 16.4 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 6.031 ng

RT: 15.057 min Scan# 2171

Delta R.T. -0.047 min

Lab File: BF129648.D

Acq: 09 Aug 2022 00:30

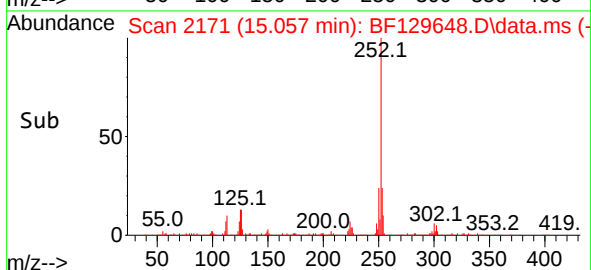
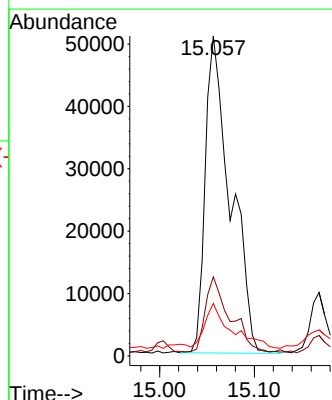
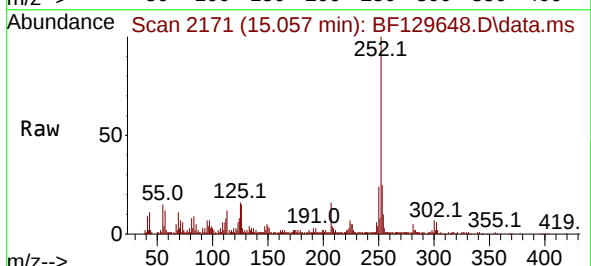
Tgt Ion:252 Resp: 94284

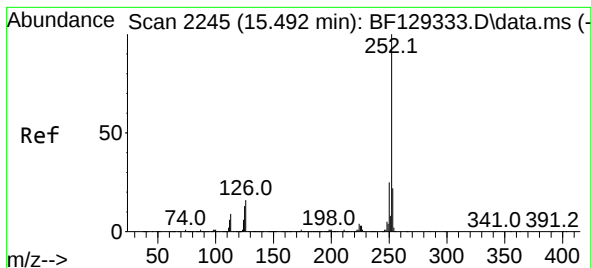
Ion Ratio Lower Upper

252 100

253 24.7 17.8 26.6

125 16.4 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 3.605 ng

RT: 15.427 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129648.D

Acq: 09 Aug 2022 00:30

Instrument :

BNA_F

ClientSampleId :

RVE-202

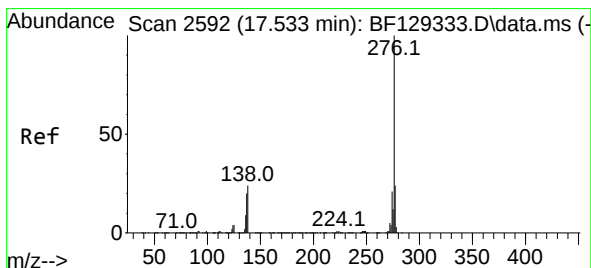
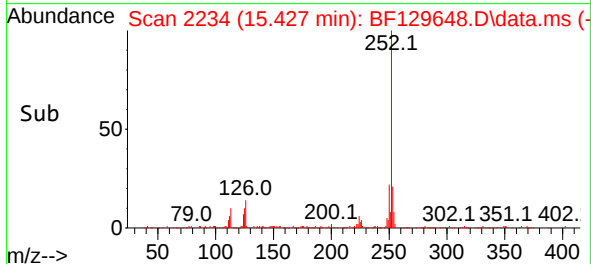
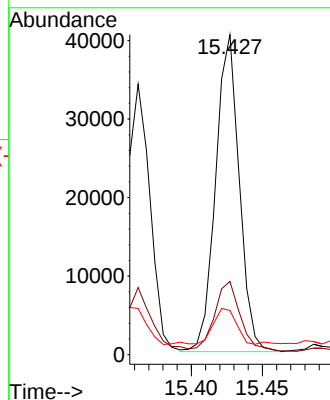
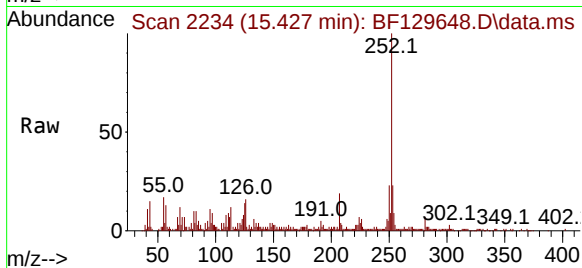
Tgt Ion:252 Resp: 46685

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

125 13.8 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 2.162 ng

RT: 17.421 min Scan# 2573

Delta R.T. -0.029 min

Lab File: BF129648.D

Acq: 09 Aug 2022 00:30

Tgt Ion:276 Resp: 29125

Ion Ratio Lower Upper

276 100

277 26.9 19.1 28.7

138 27.4 18.0 27.0#

