

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129646.D
 Acq On : 08 Aug 2022 23:23
 Operator : CG\JU
 Sample : N3961-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-176

Quant Time: Aug 09 00:37:55 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)

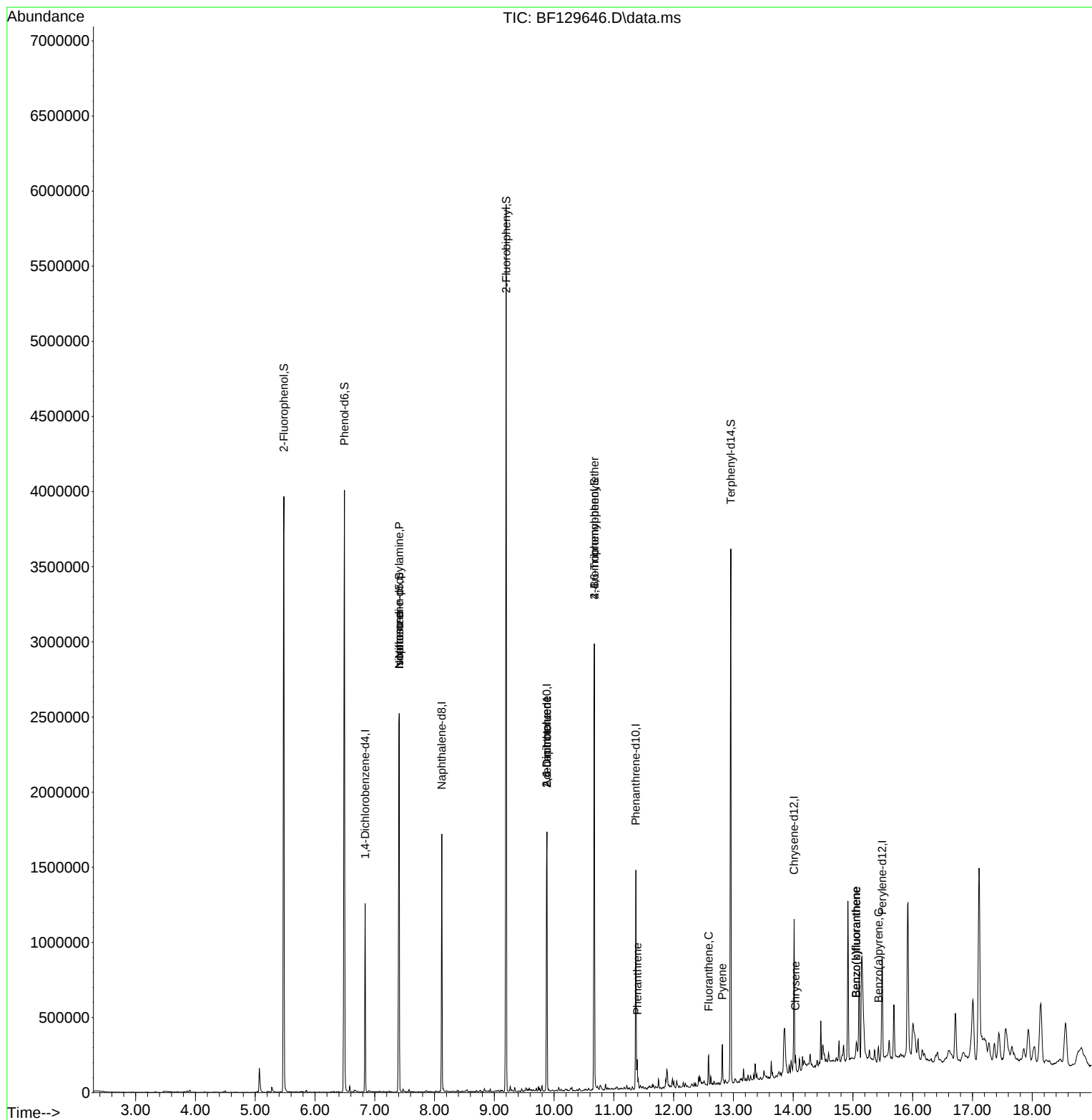
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	168591	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	671182	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	341458	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	467865	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	294094	20.000	ng	-0.01
86) Perylene-d12	15.492	264	289109	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1128406	109.031	ng	0.00
7) Phenol-d6	6.492	99	1412993	108.620	ng	-0.01
23) Nitrobenzene-d5	7.410	82	921479	74.946	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	339022	103.270	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1708611	77.407	ng	-0.01
79) Terphenyl-d14	12.957	244	1173368	75.270	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	123611	15.696	ng	# 72
25) Isophorone	7.410	82	918133	41.659	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	45808	8.683	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	45808	6.646	ng	# 21
67) 4-Bromophenyl-phenylether	10.674	248	21048	4.108	ng	# 1
71) Phenanthrene	11.392	178	61037	2.390	ng	98
75) Fluoranthene	12.586	202	73935	2.857	ng	97
78) Pyrene	12.816	202	83011	3.375	ng	97
83) Chrysene	14.039	228	40069	2.116	ng	98
88) Benzo(b)fluoranthene	15.057	252	69540	3.626	ng	# 94
89) Benzo(k)fluoranthene	15.057	252	69540	3.700	ng	# 94
90) Benzo(a)pyrene	15.427	252	35496	2.280	ng	# 90

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

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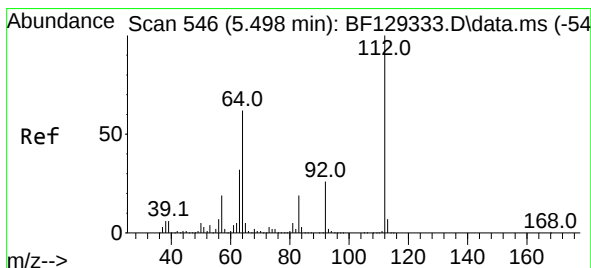
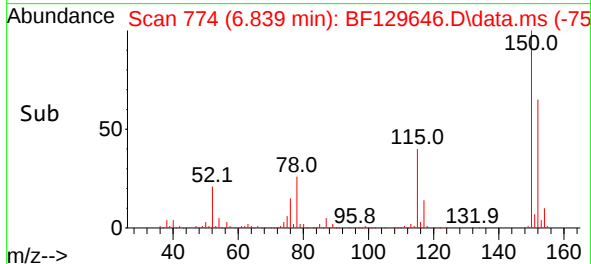
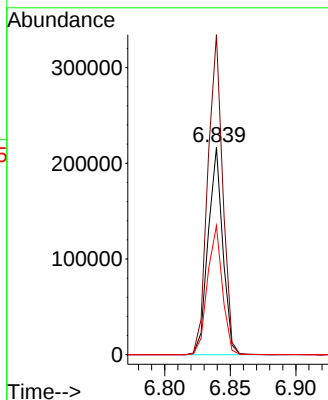
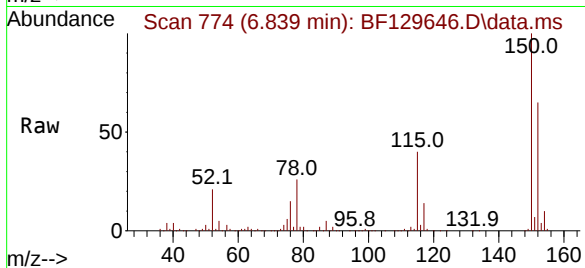




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129646.D
 Acq: 08 Aug 2022 23:23

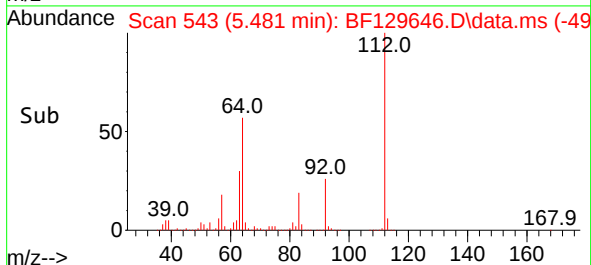
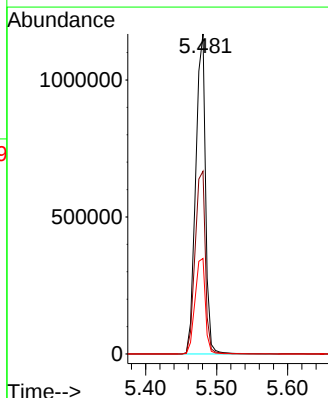
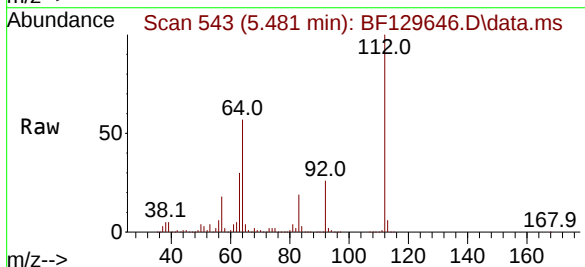
Instrument :
 BNA_F
 ClientSampleId :
 RVE-176

Tgt Ion:152 Resp: 168591
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.7 185.5
 115 62.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 109.031 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF129646.D
 Acq: 08 Aug 2022 23:23

Tgt Ion:112 Resp: 1128406
 Ion Ratio Lower Upper
 112 100
 64 57.1 53.3 79.9
 63 29.9 28.0 42.0

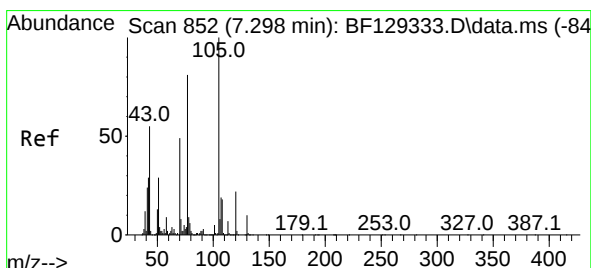
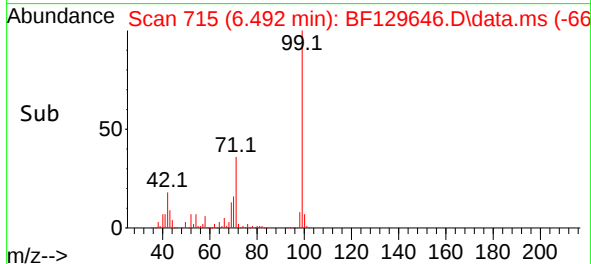
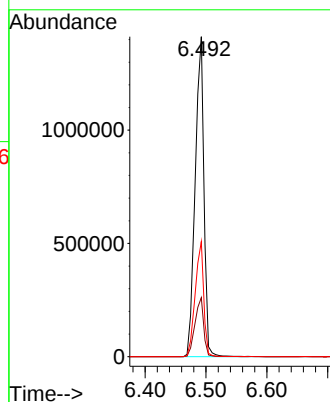
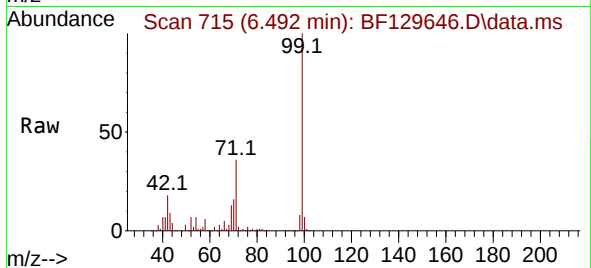




#7
Phenol-d6
Concen: 108.620 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

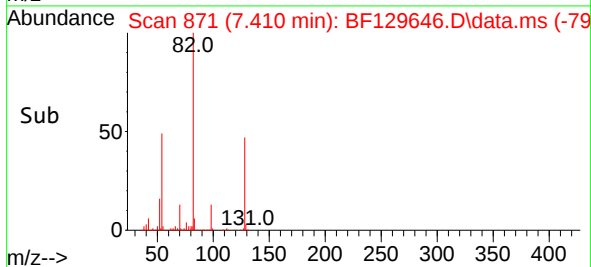
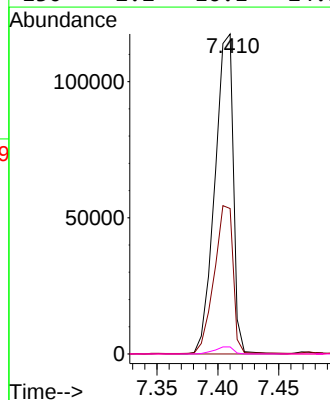
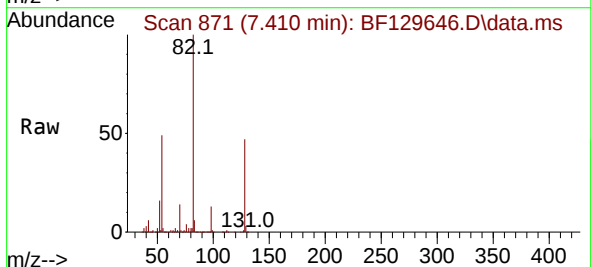
Instrument :
BNA_F
ClientSampleId :
RVE-176

Tgt Ion: 99 Resp: 1412993
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 35.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.696 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

Tgt Ion: 70 Resp: 123611
Ion Ratio Lower Upper
70 100
42 45.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

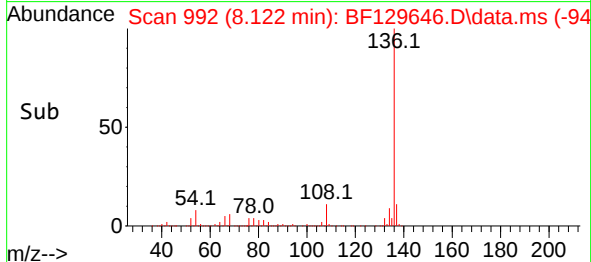
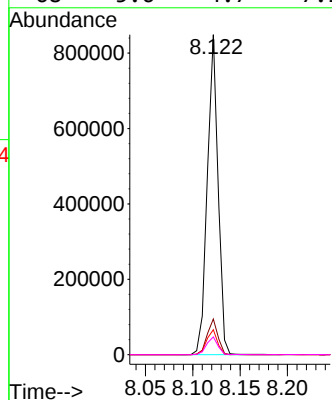
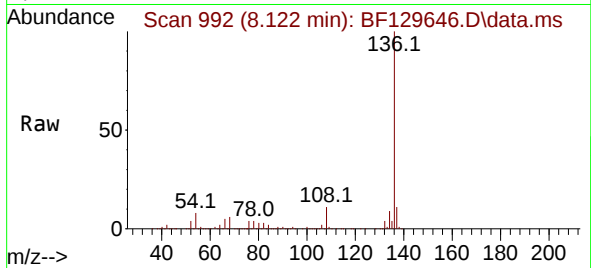




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

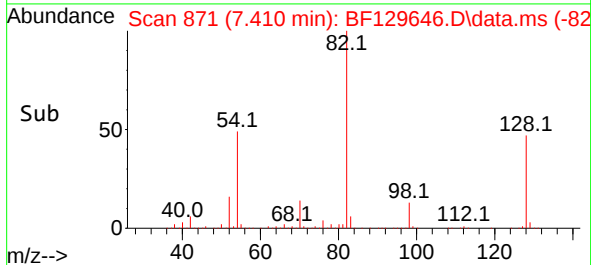
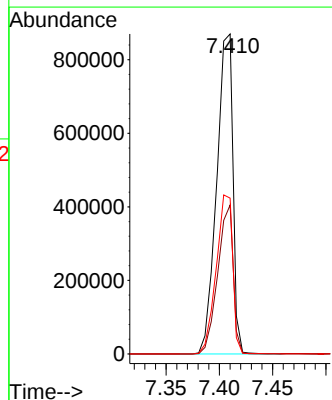
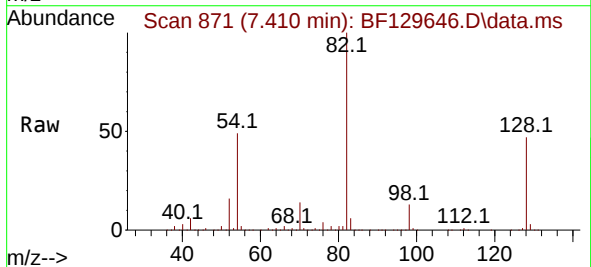
Instrument :
BNA_F
ClientSampleId :
RVE-176

Tgt Ion:136 Resp: 671182
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.8 7.5 11.3
68 5.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 74.946 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

Tgt Ion: 82 Resp: 921479
Ion Ratio Lower Upper
82 100
128 46.5 34.0 51.0
54 48.7 46.9 70.3

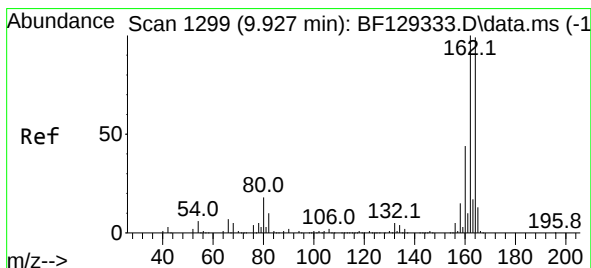
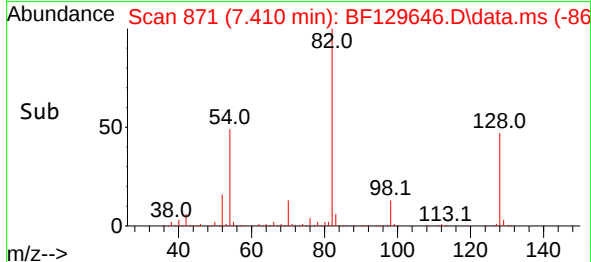
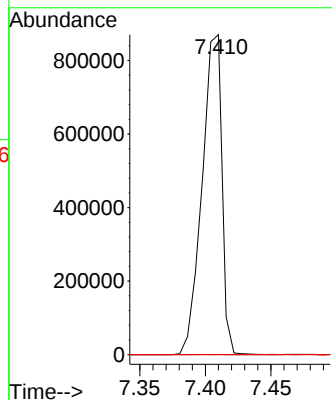
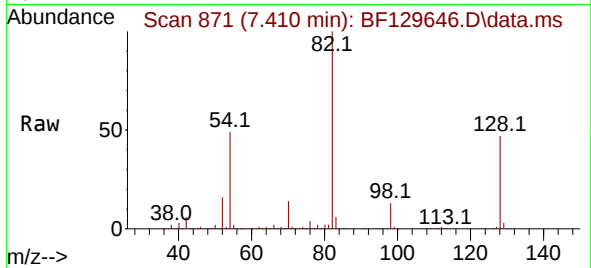




#25
Isophorone
Concen: 41.659 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

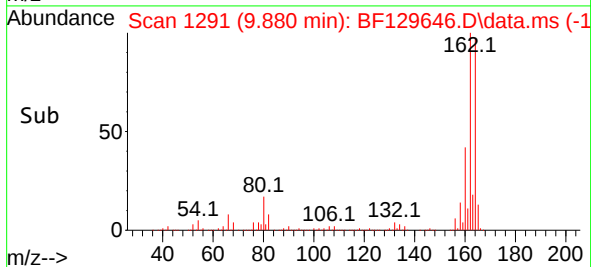
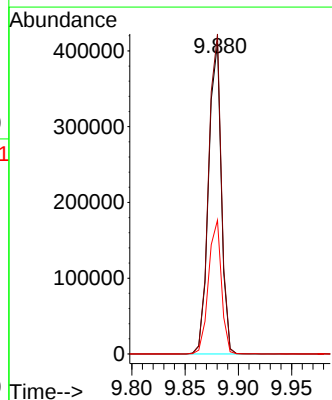
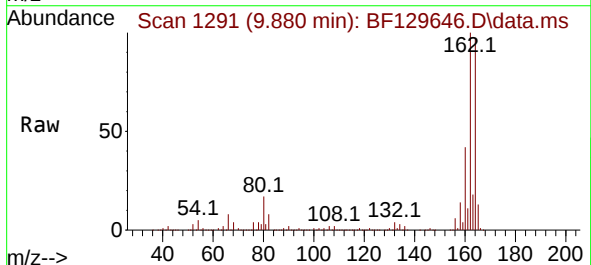
Instrument :
BNA_F
ClientSampleId :
RVE-176

Tgt Ion: 82 Resp: 918133
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: BF129646.D
Acq: 08 Aug 2022 23:23

Tgt Ion:164 Resp: 341458
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 43.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 103.270 ng

RT: 10.674 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129646.D

Acq: 08 Aug 2022 23:23

Instrument :

BNA_F

ClientSampleId :

RVE-176

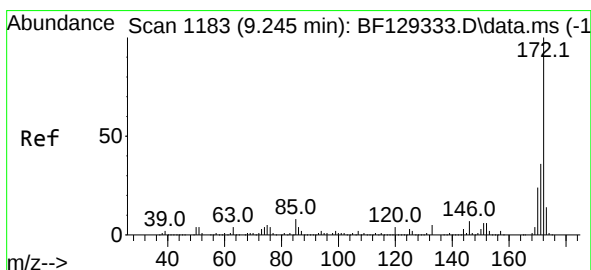
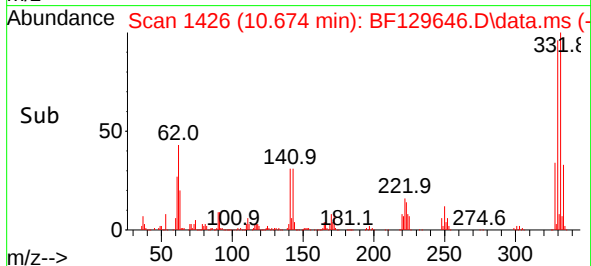
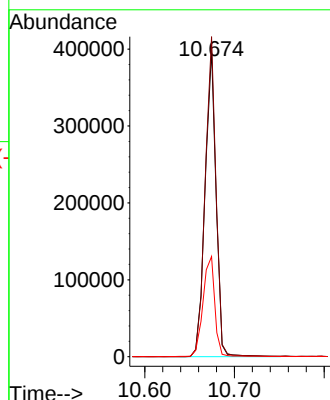
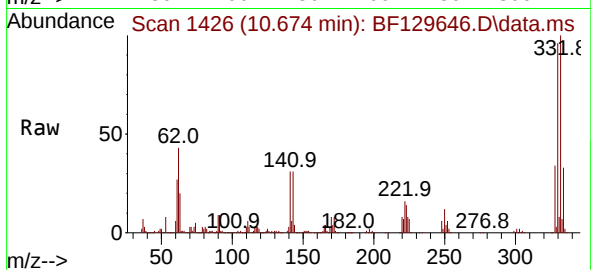
Tgt Ion:330 Resp: 339022

Ion Ratio Lower Upper

330 100

332 102.7 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.407 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129646.D

Acq: 08 Aug 2022 23:23

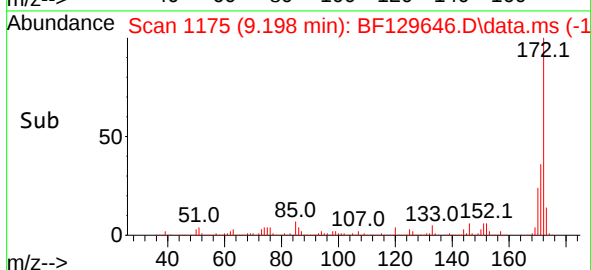
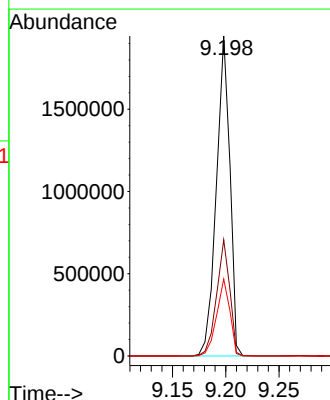
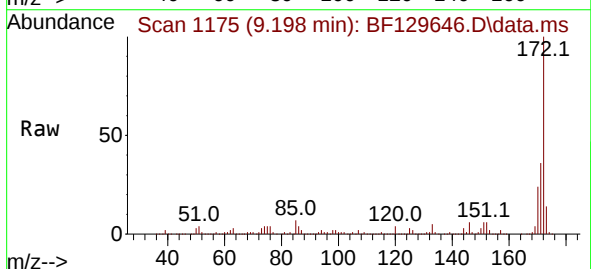
Tgt Ion:172 Resp: 1708611

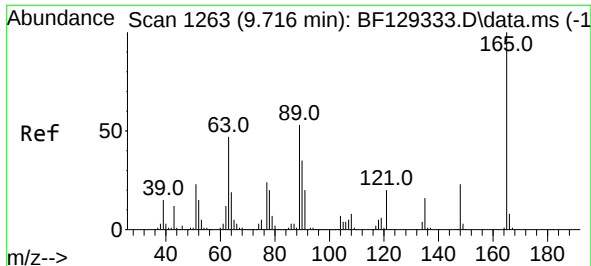
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.1 19.8 29.8

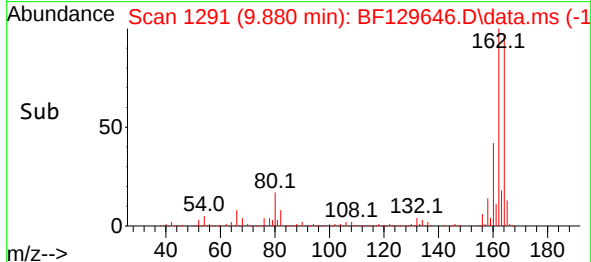
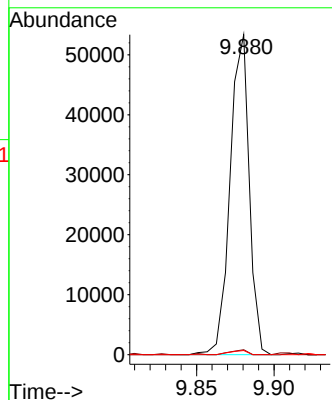
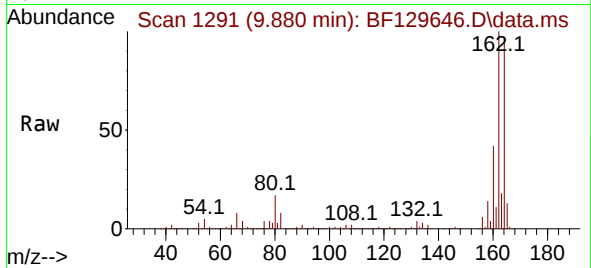




#51
2,6-Dinitrotoluene
Concen: 8.683 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

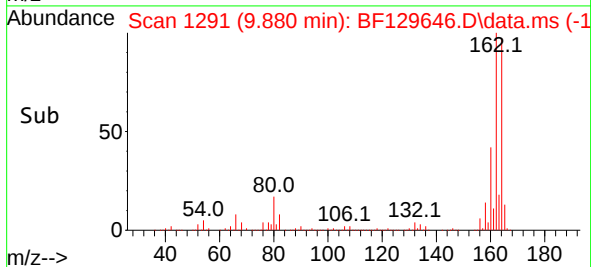
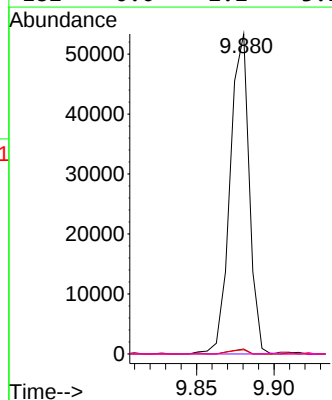
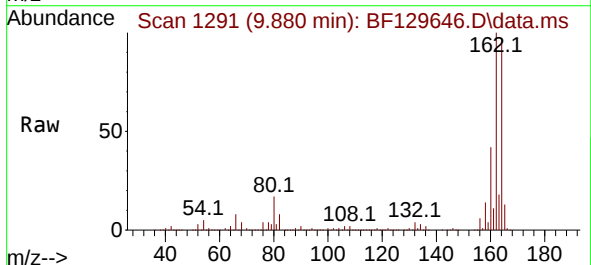
Instrument :
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RVE-176

Tgt Ion:165 Resp: 45808
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.646 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.206 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

Tgt Ion:165 Resp: 45808
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

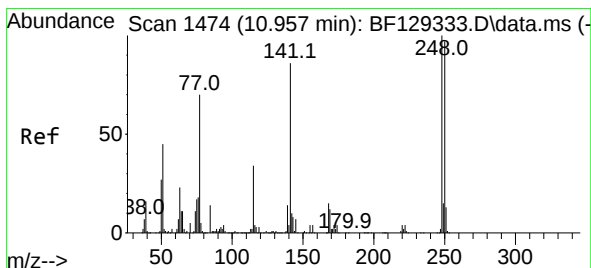
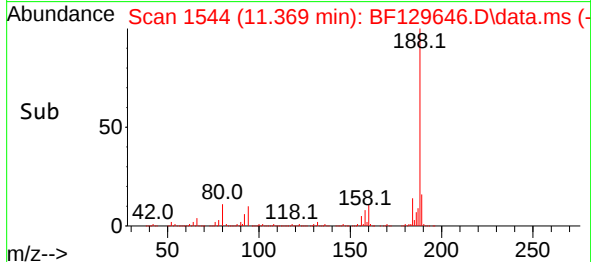
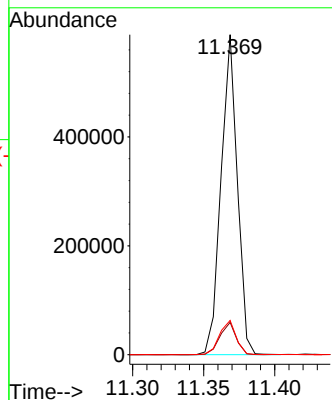
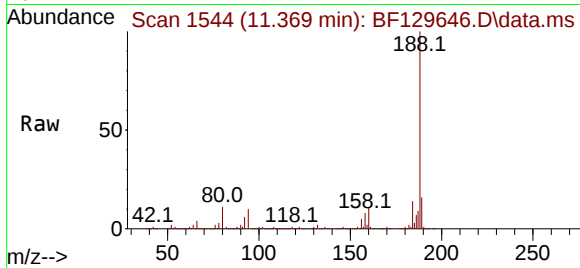




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

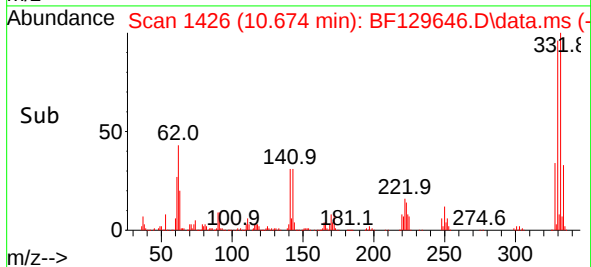
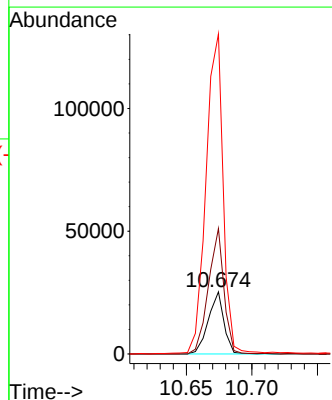
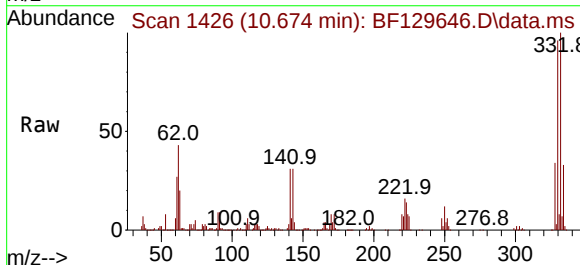
Instrument :
BNA_F
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RVE-176

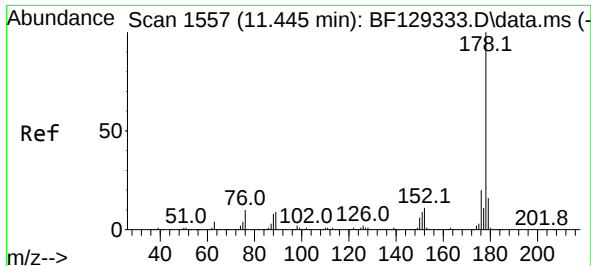
Tgt Ion:188 Resp: 467865
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.108 ng
RT: 10.674 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

Tgt Ion:248 Resp: 21048
Ion Ratio Lower Upper
248 100
250 202.2 80.6 120.8#
141 515.8 58.9 88.3#

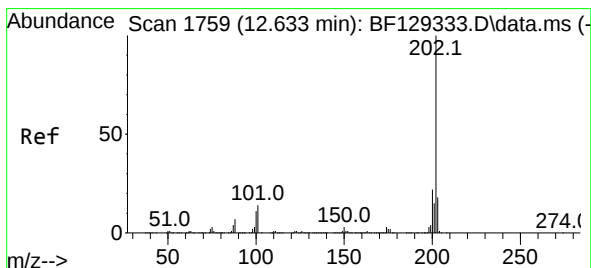
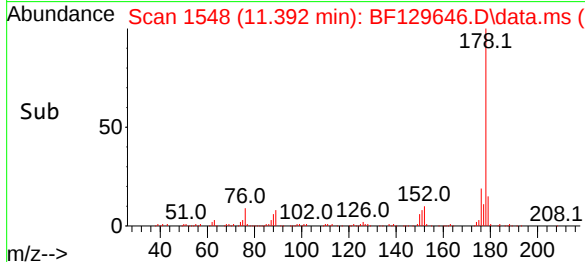
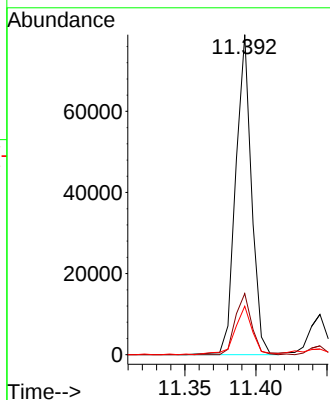
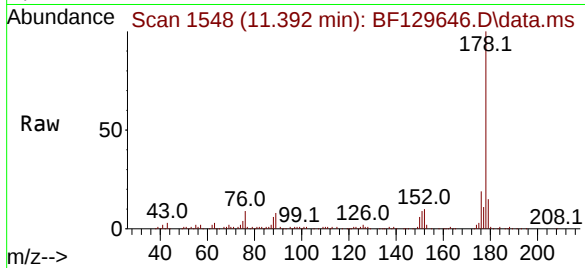




#71
Phenanthrene
Concen: 2.390 ng
RT: 11.392 min Scan# 11392
Delta R.T. -0.018 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

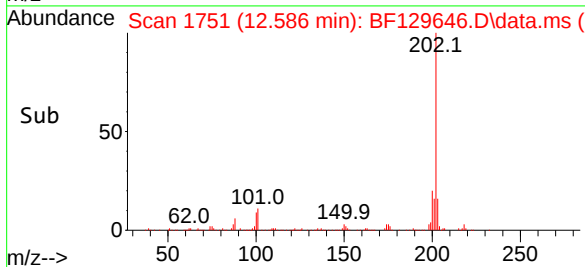
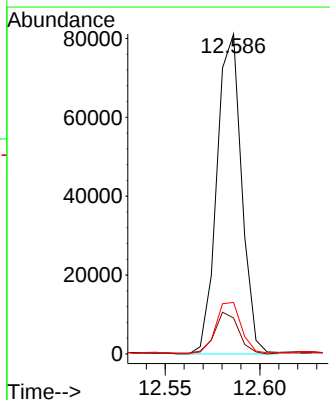
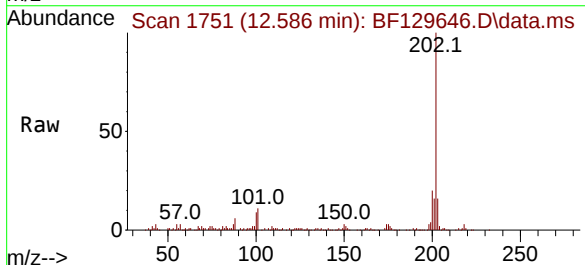
Instrument :
BNA_F
ClientSampleId :
RVE-176

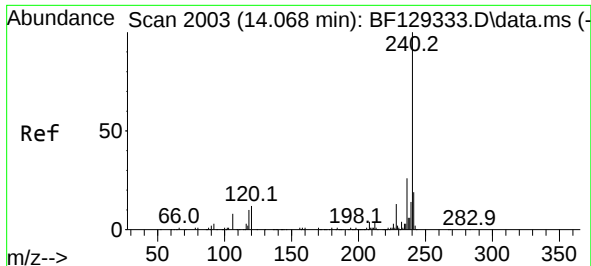
Tgt Ion:178 Resp: 61037
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.1 12.6 19.0



#75
Fluoranthene
Concen: 2.857 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

Tgt Ion:202 Resp: 73935
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 16.1 0.0 38.0

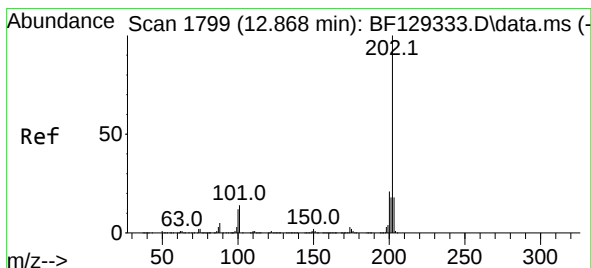
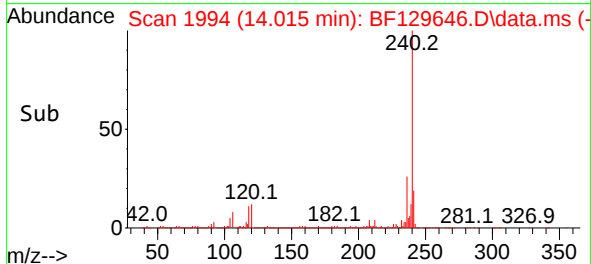
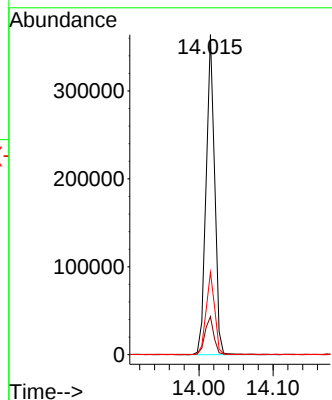
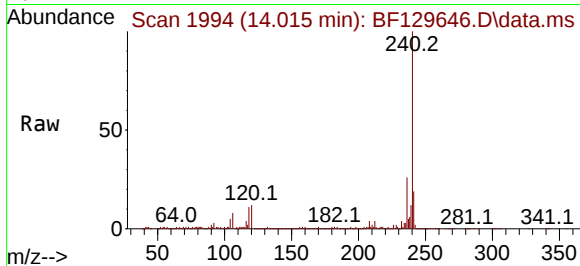




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

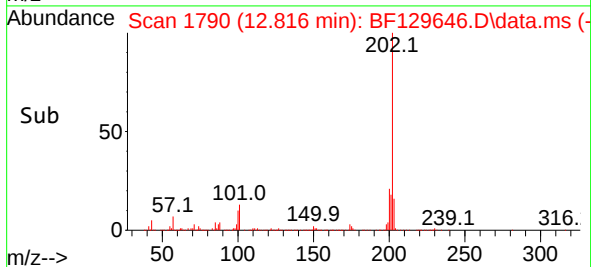
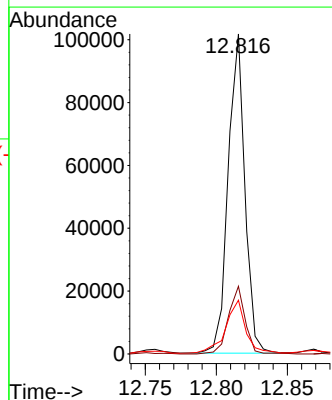
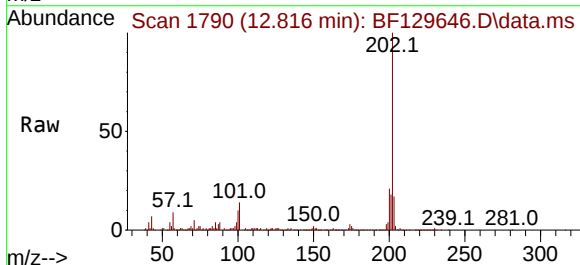
Instrument :
BNA_F
ClientSampleId :
RVE-176

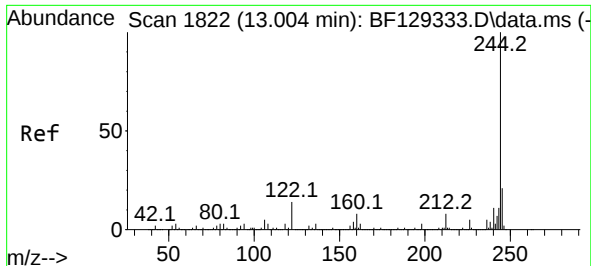
Tgt Ion:240 Resp: 294094
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.7 20.8 31.2



#78
Pyrene
Concen: 3.375 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

Tgt Ion:202 Resp: 83011
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 16.8 14.6 21.8

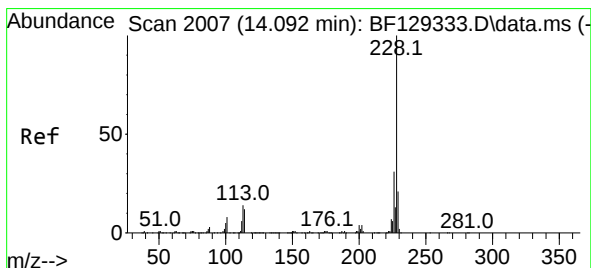
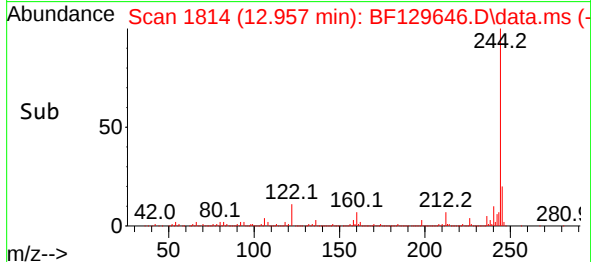
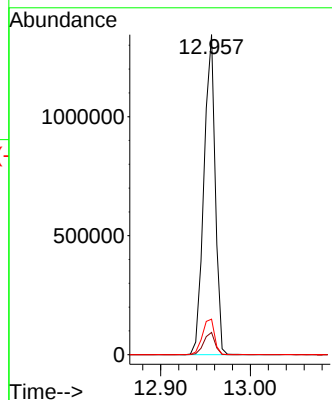
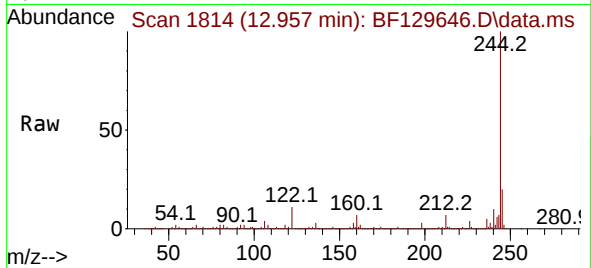




#79
 Terphenyl-d14
 Concen: 75.270 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129646.D
 Acq: 08 Aug 2022 23:23

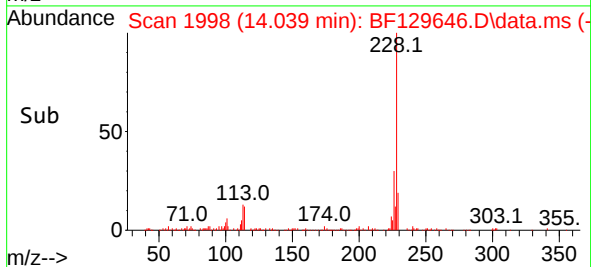
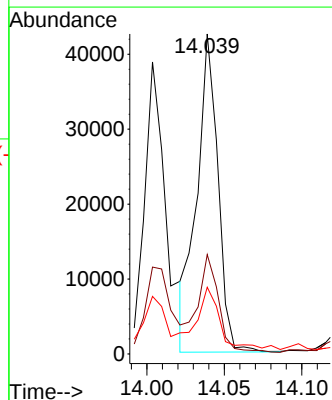
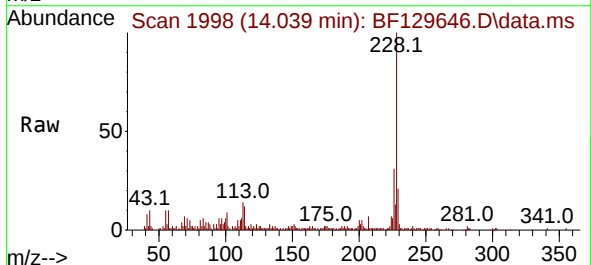
Instrument :
 BNA_F
 ClientSampleId :
 RVE-176

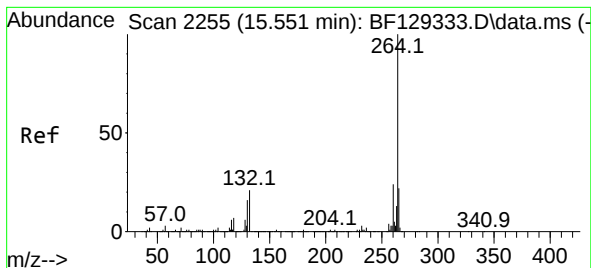
Tgt Ion:244 Resp: 1173368
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 11.1 8.8 13.2



#83
 Chrysene
 Concen: 2.116 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. -0.018 min
 Lab File: BF129646.D
 Acq: 08 Aug 2022 23:23

Tgt Ion:228 Resp: 40069
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.3 36.5
 229 20.9 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129646.D

Acq: 08 Aug 2022 23:23

Instrument :

BNA_F

ClientSampleId :

RVE-176

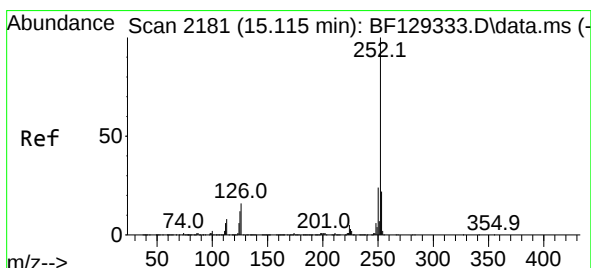
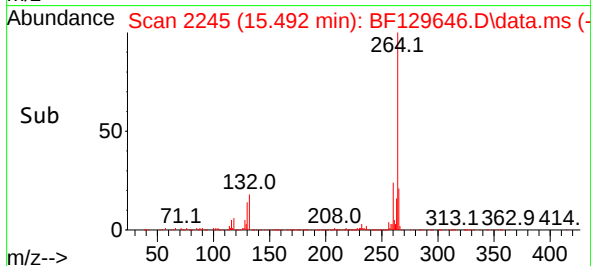
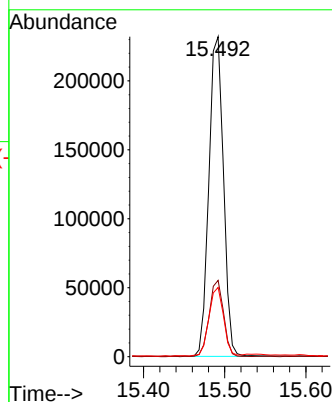
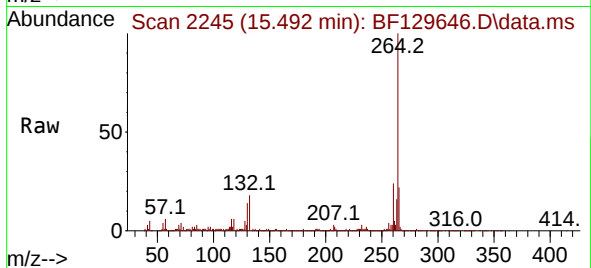
Tgt Ion:264 Resp: 289109

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.6 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 3.626 ng

RT: 15.057 min Scan# 2171

Delta R.T. -0.012 min

Lab File: BF129646.D

Acq: 08 Aug 2022 23:23

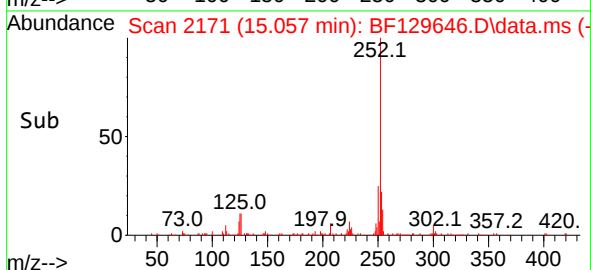
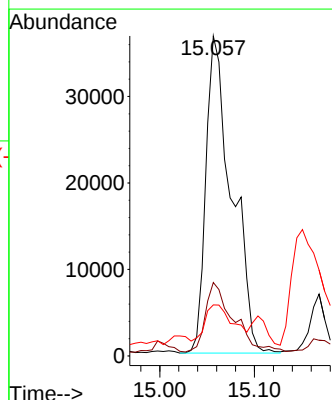
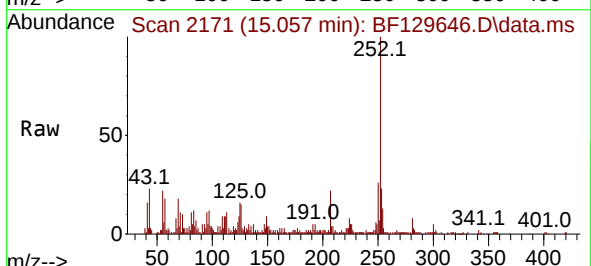
Tgt Ion:252 Resp: 69540

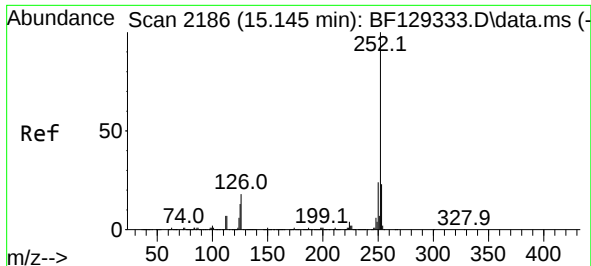
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 16.0 8.0 12.0#

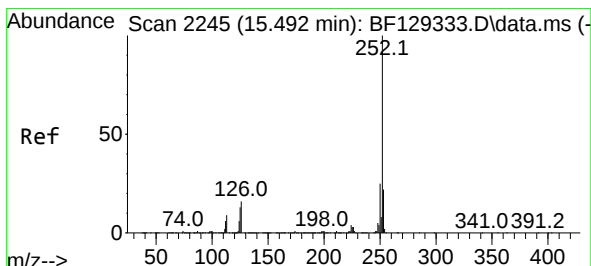
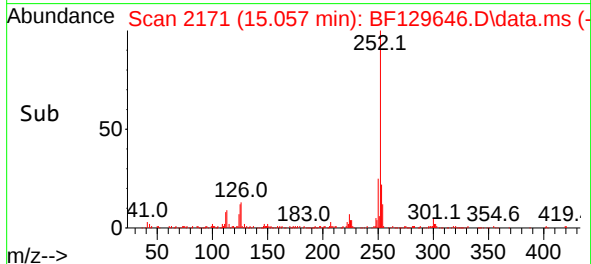
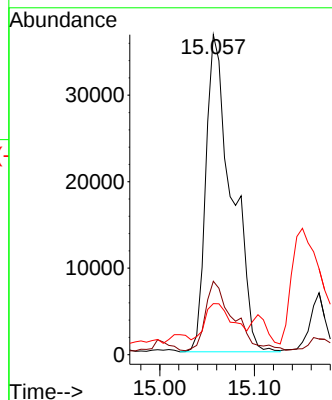
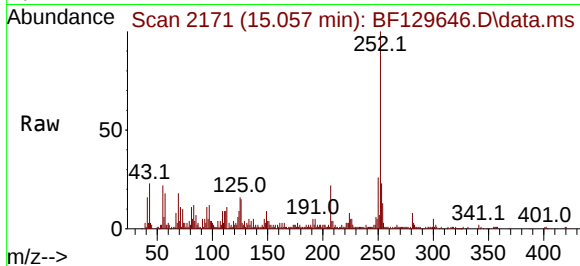




#89
Benzo(k)fluoranthene
Concen: 3.700 ng
RT: 15.057 min Scan# 2186
Delta R.T. -0.047 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

Instrument :
BNA_F
ClientSampleId :
RVE-176

Tgt Ion:252 Resp: 69540
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 16.0 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.280 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129646.D
Acq: 08 Aug 2022 23:23

Tgt Ion:252 Resp: 35496
Ion Ratio Lower Upper
252 100
253 24.7 17.0 25.6
125 16.8 8.8 13.2#

