

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129612.D
 Acq On : 05 Aug 2022 21:50
 Operator : CG\JU
 Sample : N3961-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-169

Quant Time: Aug 08 02:02:41 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)

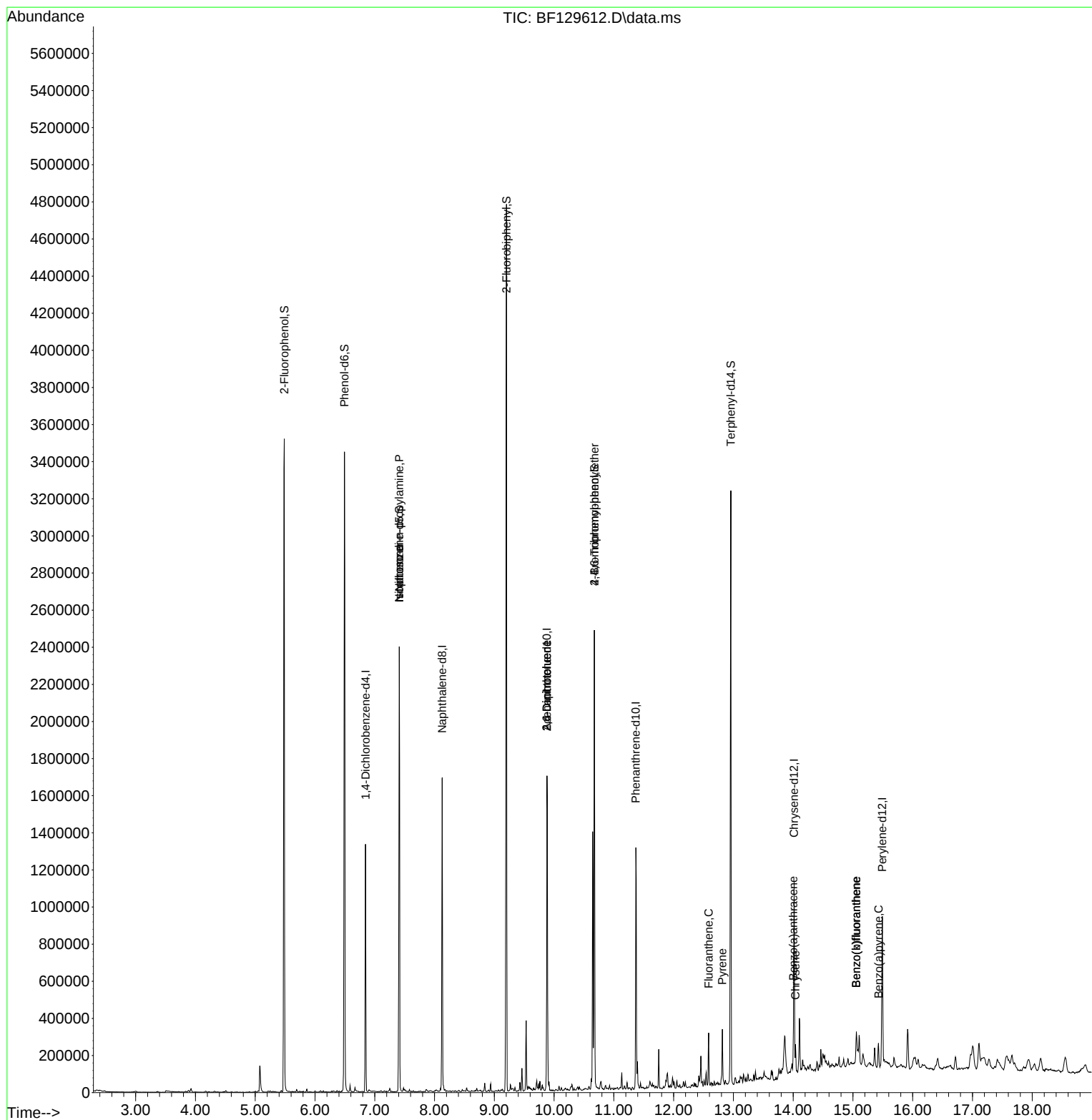
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	174814	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	680924	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	325838	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	461050	20.000	ng	#-0.01
76) Chrysene-d12	14.015	240	298955	20.000	ng	-0.01
86) Perylene-d12	15.492	264	330239	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	990529	92.302	ng	0.00
7) Phenol-d6	6.492	99	1240826	91.990	ng	-0.01
23) Nitrobenzene-d5	7.410	82	783103	62.780	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	265798	84.847	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1372256	65.149	ng	0.00
79) Terphenyl-d14	12.957	244	982907	62.027	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	104397	12.784	ng	# 73
25) Isophorone	7.410	82	779803	34.876	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	42712	8.484	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	42712	6.494	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	16732	3.314	ng	# 1
75) Fluoranthene	12.586	202	98086	3.846	ng	99
78) Pyrene	12.816	202	101456	4.058	ng	99
81) Benzo(a)anthracene	14.004	228	52422	2.567	ng	97
83) Chrysene	14.039	228	57385	2.982	ng	97
88) Benzo(b)fluoranthene	15.057	252	107371	4.901	ng	# 96
89) Benzo(k)fluoranthene	15.057	252	107371	5.002	ng	# 96
90) Benzo(a)pyrene	15.427	252	50963	2.866	ng	# 97

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

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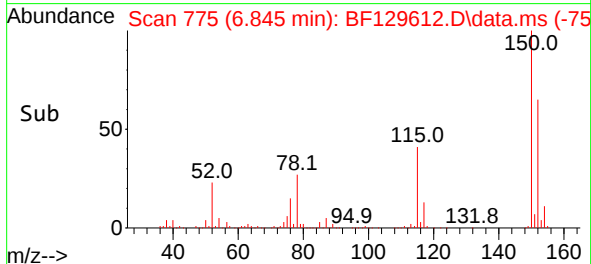
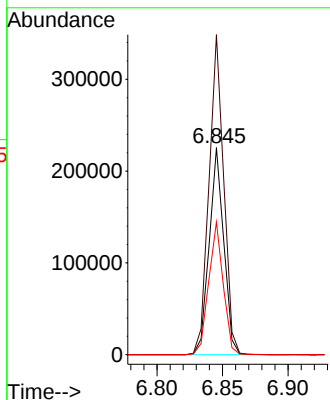
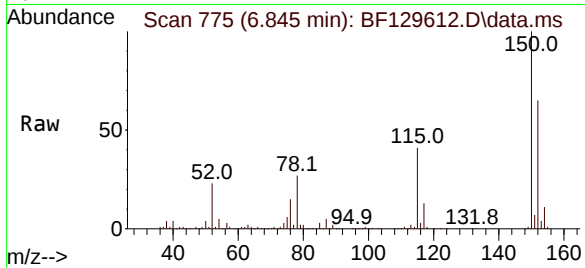




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129612.D
 Acq: 05 Aug 2022 21:50

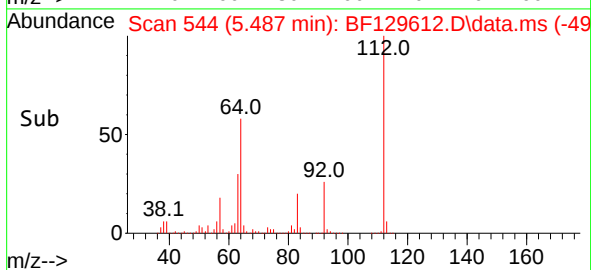
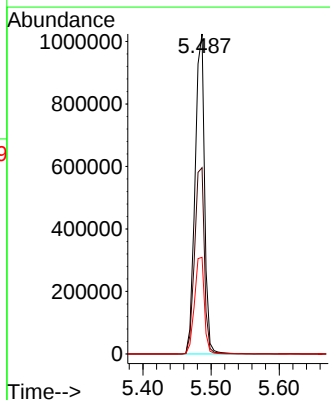
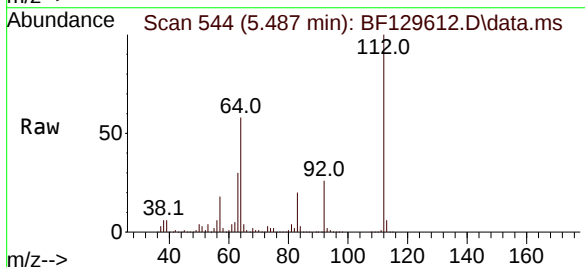
Instrument :
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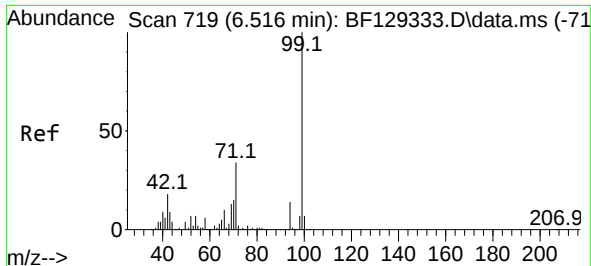
Tgt Ion:152 Resp: 174814
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.7 185.5
 115 64.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 92.302 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129612.D
 Acq: 05 Aug 2022 21:50

Tgt Ion:112 Resp: 990529
 Ion Ratio Lower Upper
 112 100
 64 58.2 53.3 79.9
 63 30.2 28.0 42.0

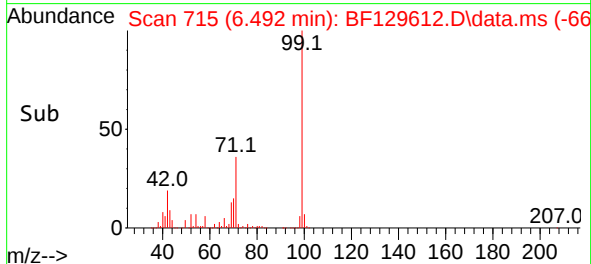
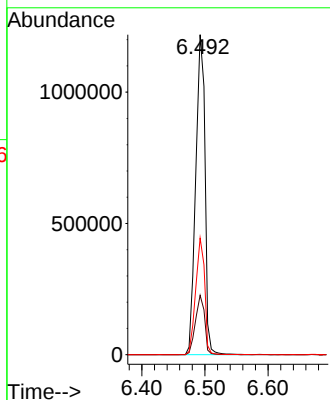
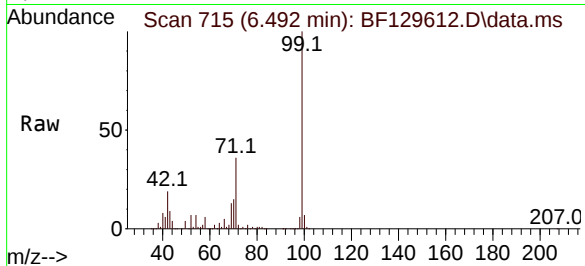




#7
Phenol-d6
Concen: 91.990 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

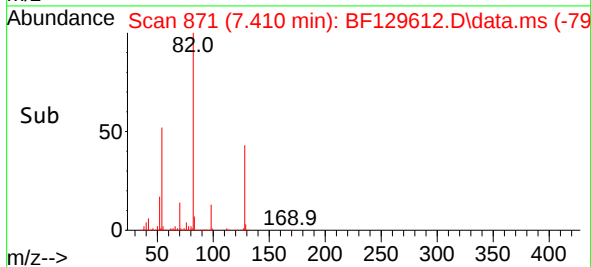
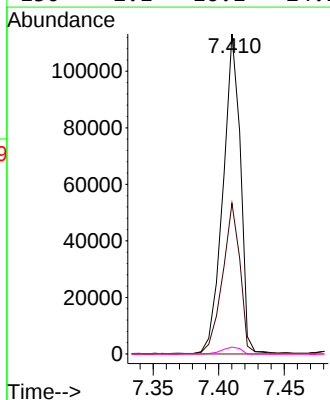
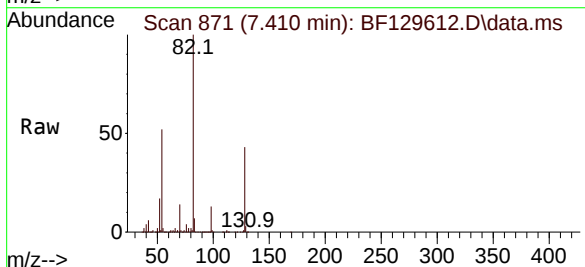
Instrument :
BNA_F
ClientSampleId :
RVE-169

Tgt Ion: 99 Resp: 1240826
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.784 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Tgt Ion: 70 Resp: 104397
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



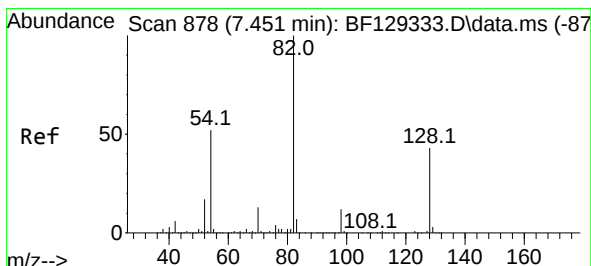
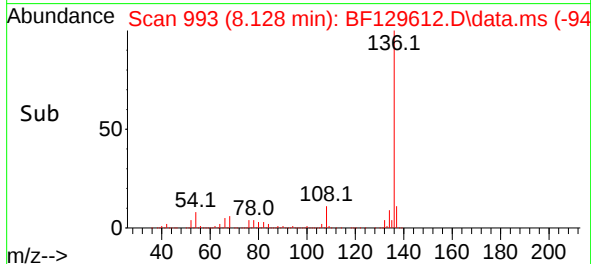
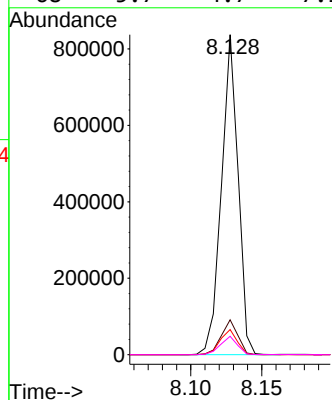
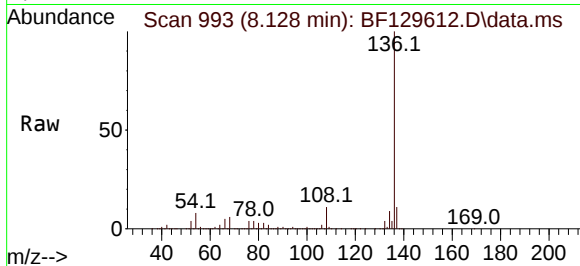


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Instrument :
BNA_F
ClientSampleId :
RVE-169

Tgt Ion:136 Resp: 680924

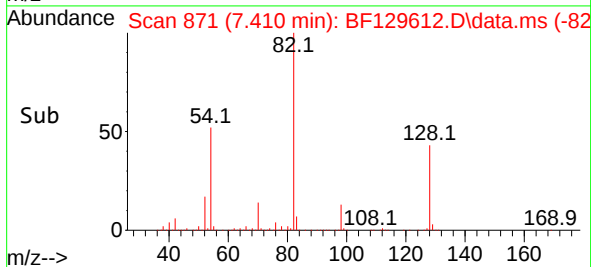
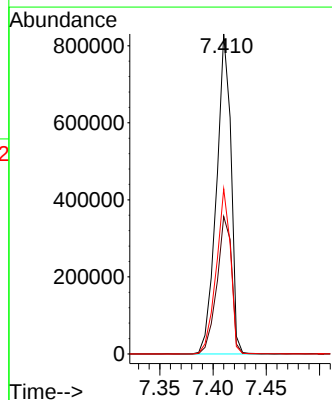
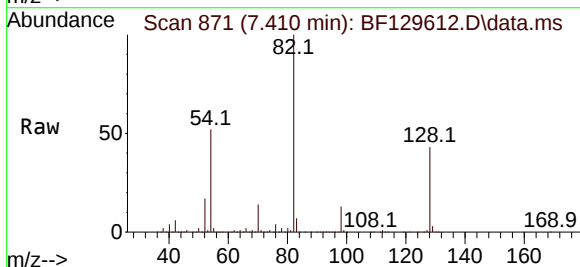
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	7.5	11.3
68	5.7	4.7	7.1

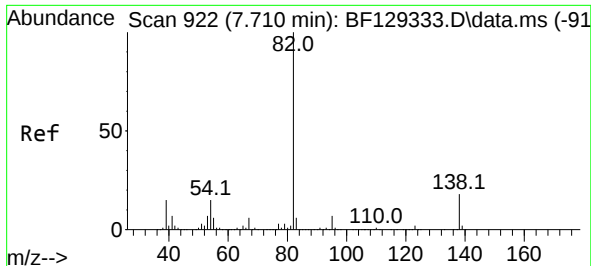


#23
Nitrobenzene-d5
Concen: 62.780 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Tgt Ion: 82 Resp: 783103

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.0	51.0
54	51.6	46.9	70.3

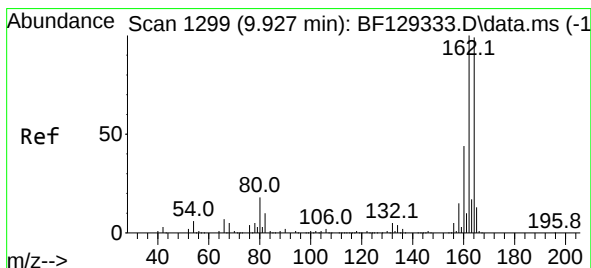
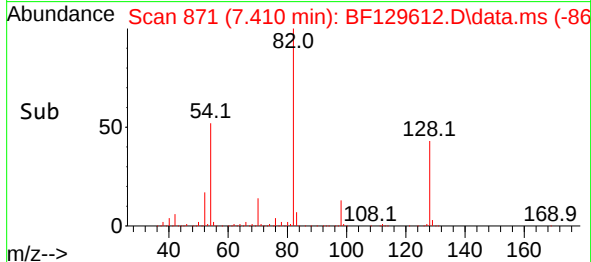
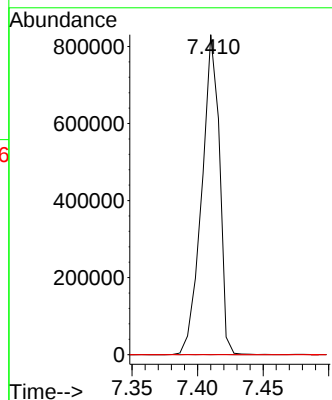
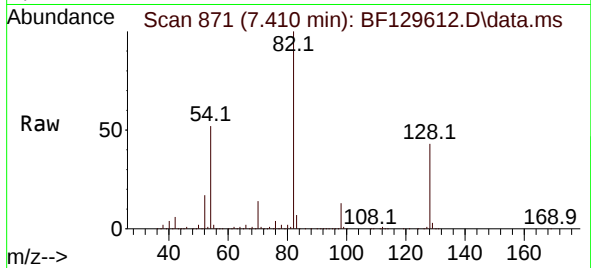




#25
Isophorone
Concen: 34.876 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

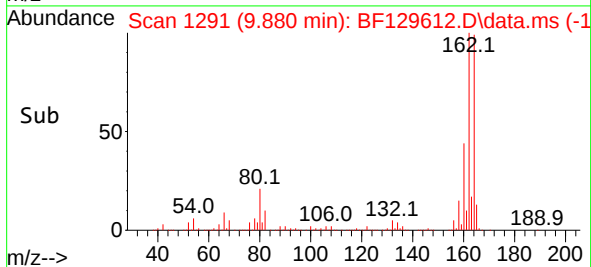
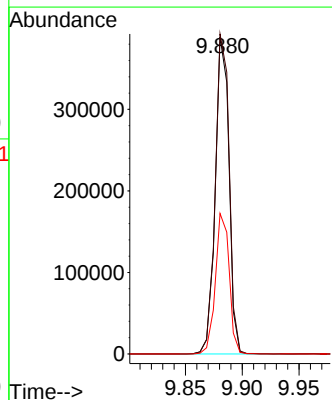
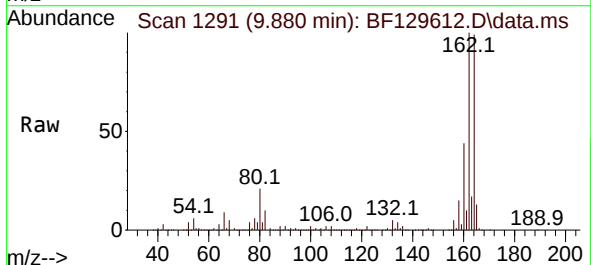
Instrument :
BNA_F
ClientSampleId :
RVE-169

Tgt Ion: 82 Resp: 779803
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: BF129612.D
Acq: 05 Aug 2022 21:50

Tgt Ion: 164 Resp: 325838
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 84.847 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129612.D

Acq: 05 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

RVE-169

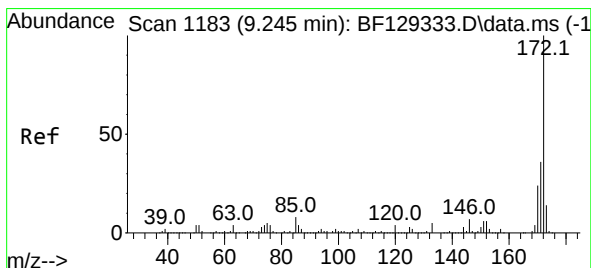
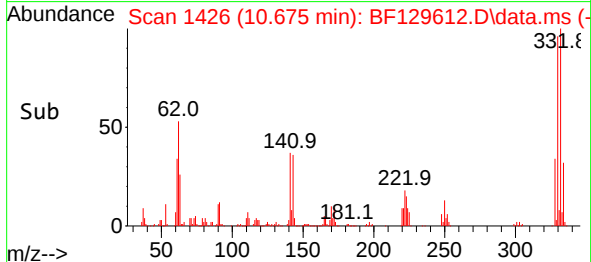
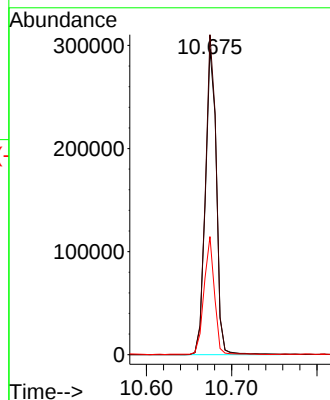
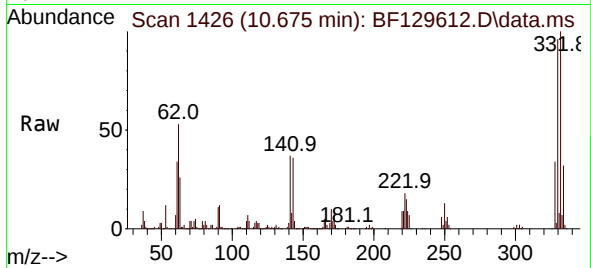
Tgt Ion:330 Resp: 265798

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 36.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 65.149 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129612.D

Acq: 05 Aug 2022 21:50

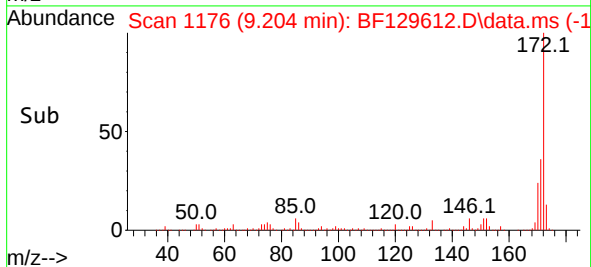
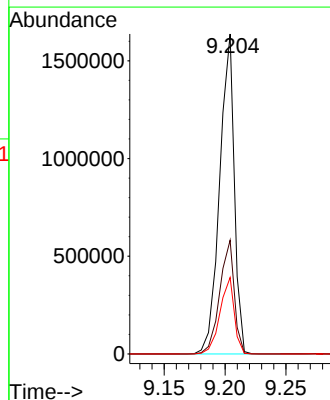
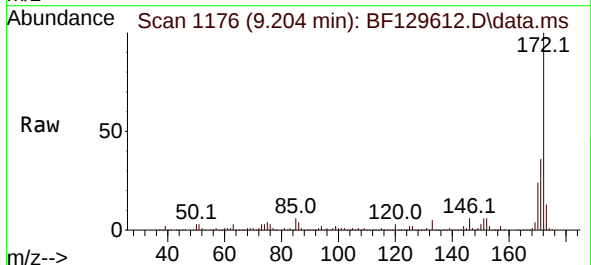
Tgt Ion:172 Resp: 1372256

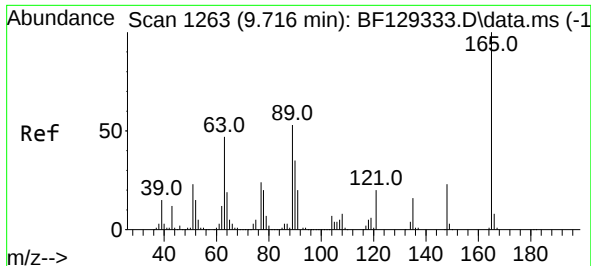
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.9 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.484 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129612.D

Acq: 05 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

RVE-169

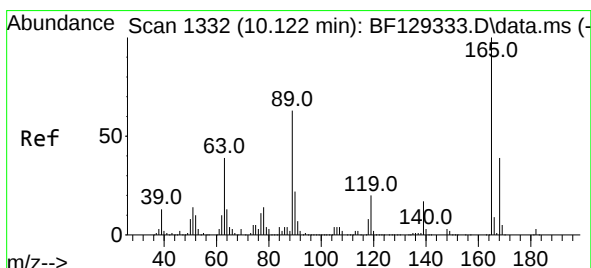
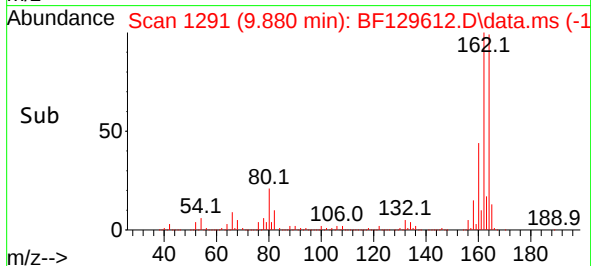
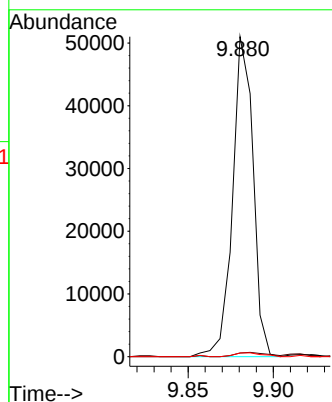
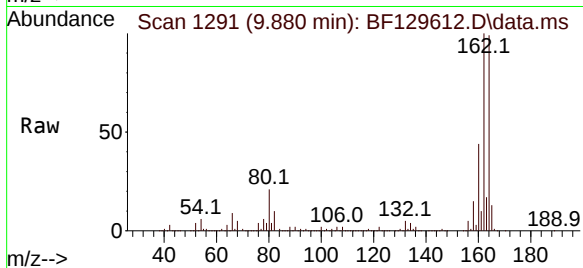
Tgt Ion:165 Resp: 42712

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.494 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129612.D

Acq: 05 Aug 2022 21:50

Tgt Ion:165 Resp: 42712

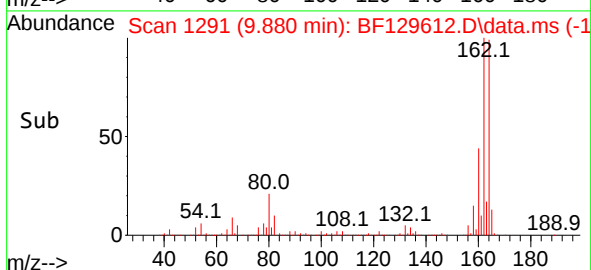
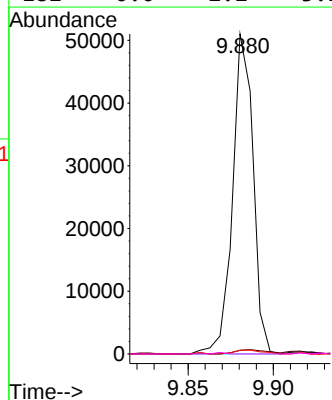
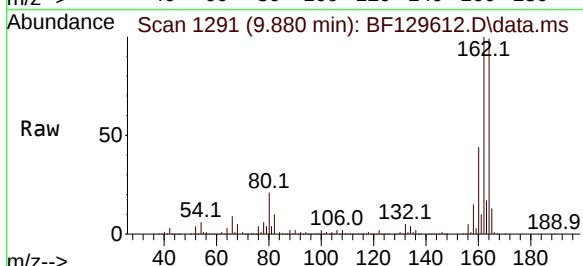
Ion Ratio Lower Upper

165 100

63 1.2 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#

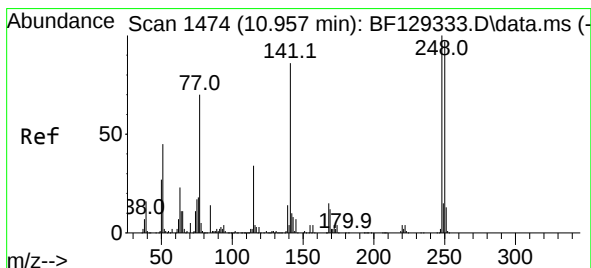
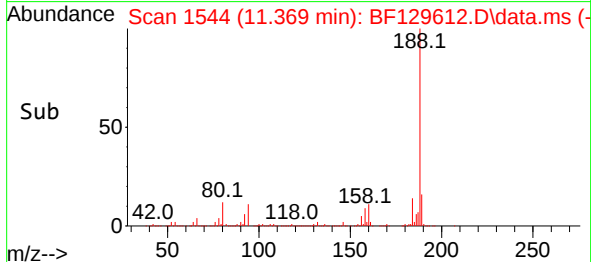
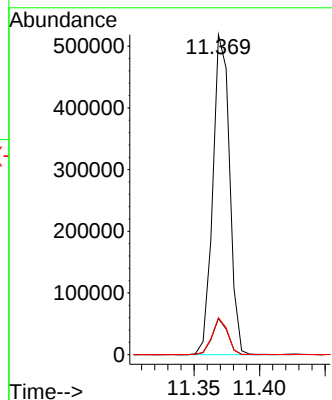
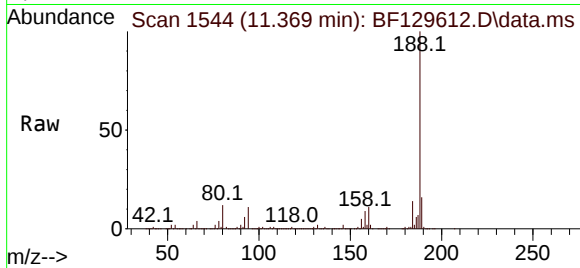




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

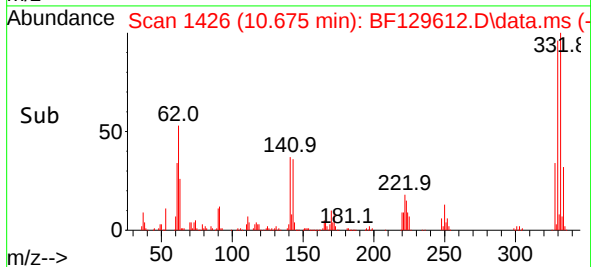
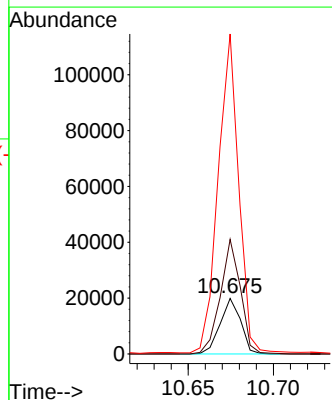
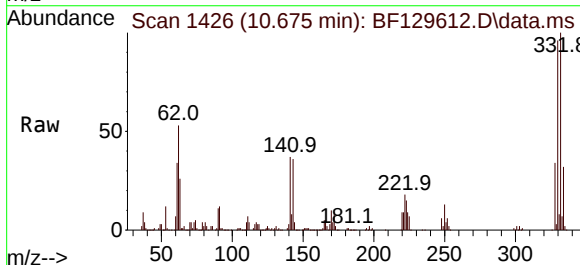
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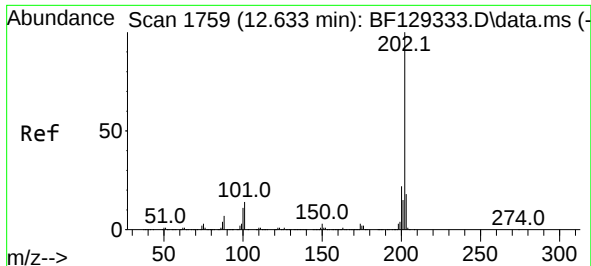
Tgt Ion:188 Resp: 461050
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 11.6 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 3.314 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Tgt Ion:248 Resp: 16732
Ion Ratio Lower Upper
248 100
250 206.4 80.6 120.8#
141 576.1 58.9 88.3#

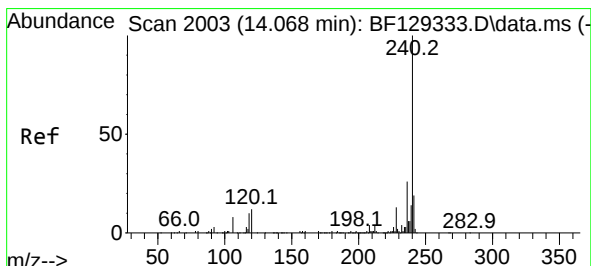
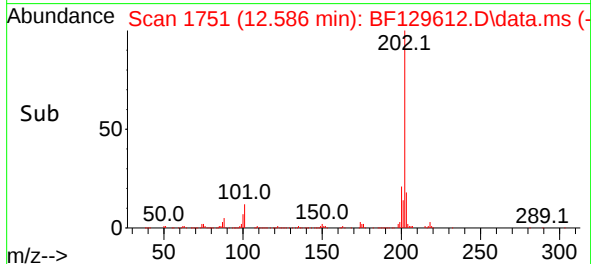
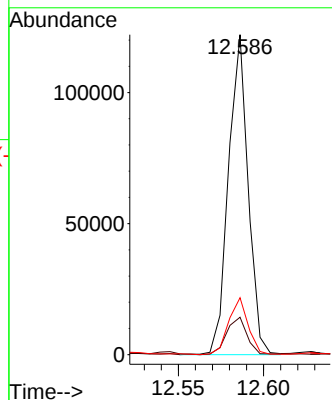
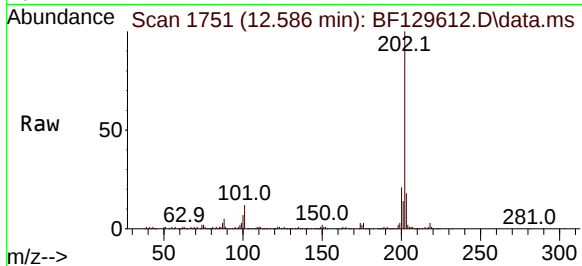




#75
Fluoranthene
Concen: 3.846 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

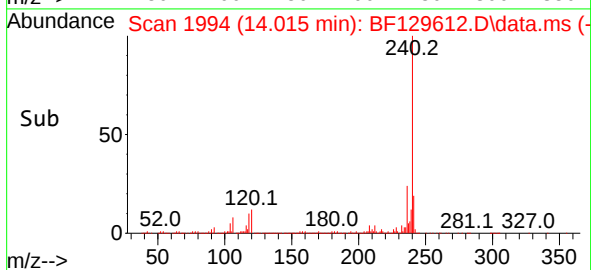
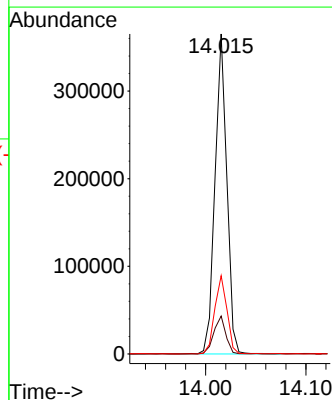
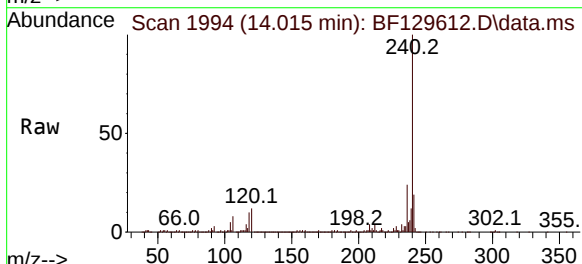
Instrument :
BNA_F
ClientSampleId :
RVE-169

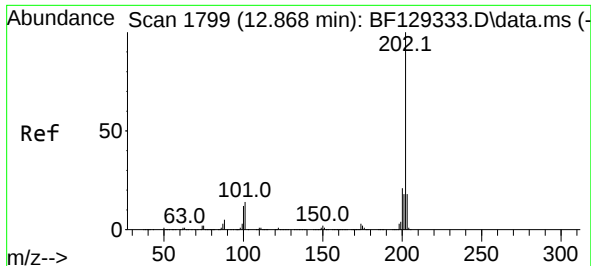
Tgt Ion:202 Resp: 98086
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Tgt Ion:240 Resp: 298955
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 24.4 20.8 31.2

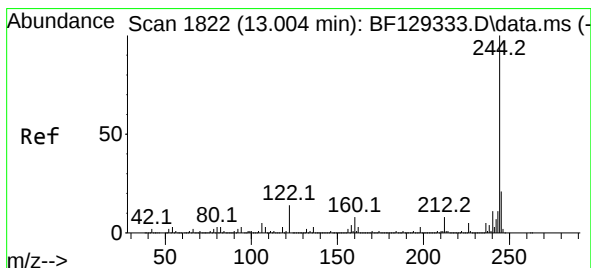
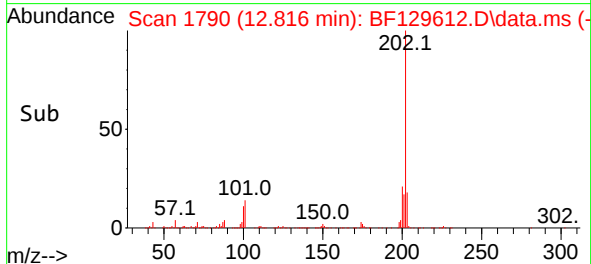
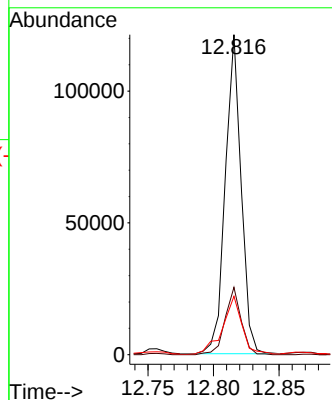
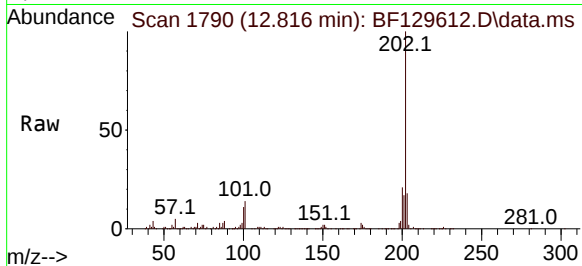




#78
Pyrene
Concen: 4.058 ng
RT: 12.816 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

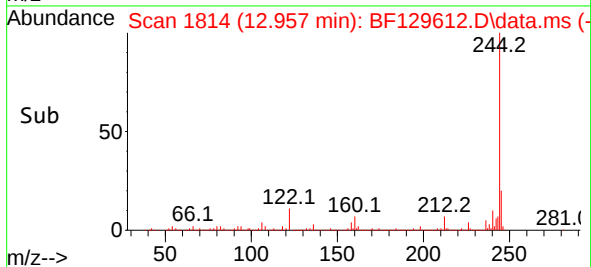
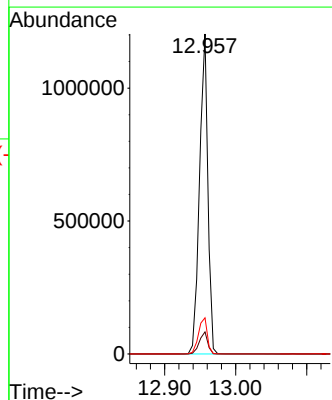
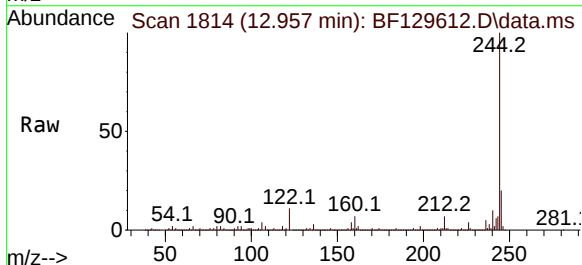
Instrument :
BNA_F
ClientSampleId :
RVE-169

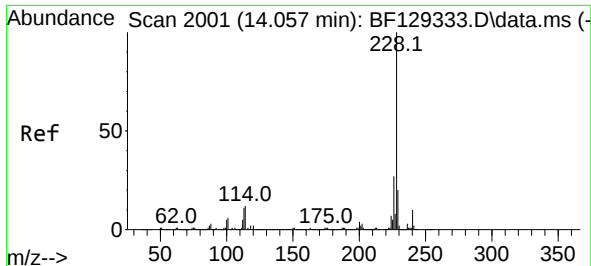
Tgt Ion:202 Resp: 101456
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 18.3 14.6 21.8



#79
Terphenyl-d14
Concen: 62.027 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Tgt Ion:244 Resp: 982907
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 11.3 8.8 13.2

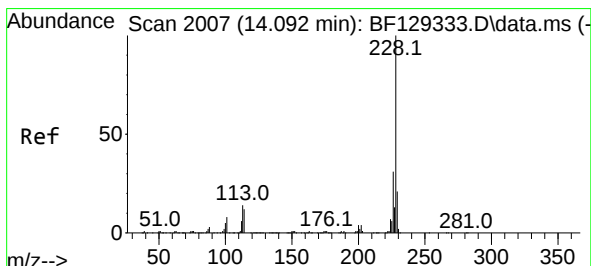
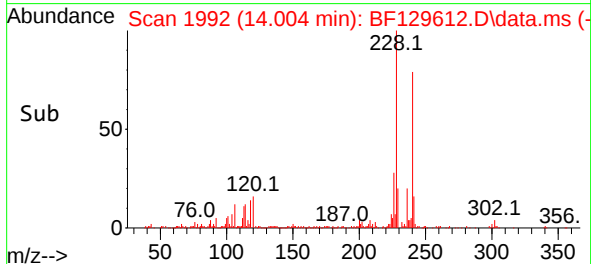
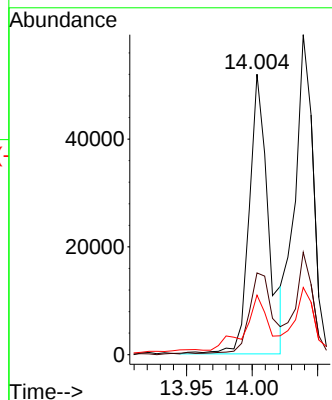
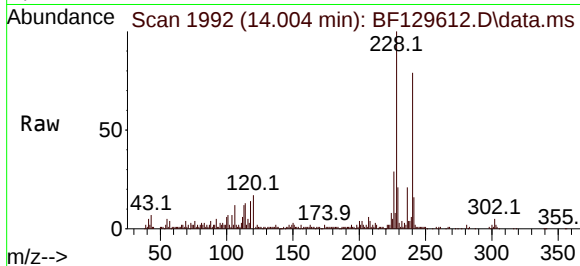




#81
Benzo(a)anthracene
Concen: 2.567 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

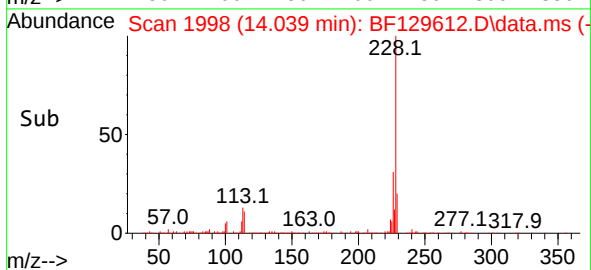
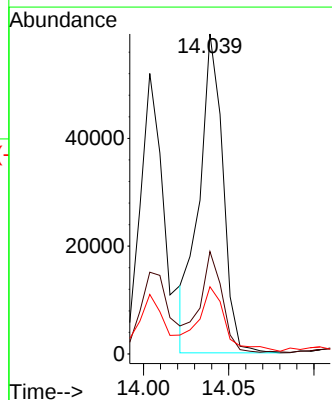
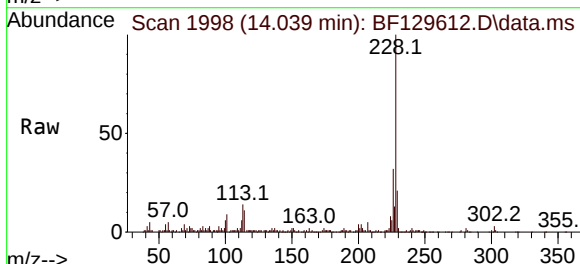
Instrument :
BNA_F
ClientSampleId :
RVE-169

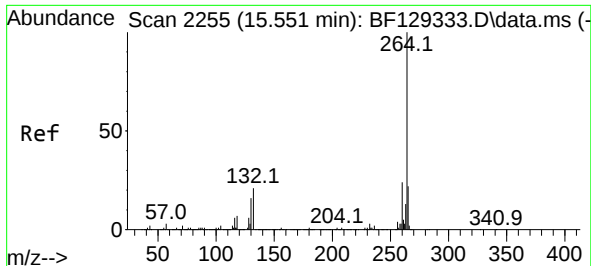
Tgt Ion:228 Resp: 52422
Ion Ratio Lower Upper
228 100
226 29.1 22.1 33.1
229 21.3 15.8 23.8



#83
Chrysene
Concen: 2.982 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Tgt Ion:228 Resp: 57385
Ion Ratio Lower Upper
228 100
226 32.0 24.3 36.5
229 21.0 15.9 23.9

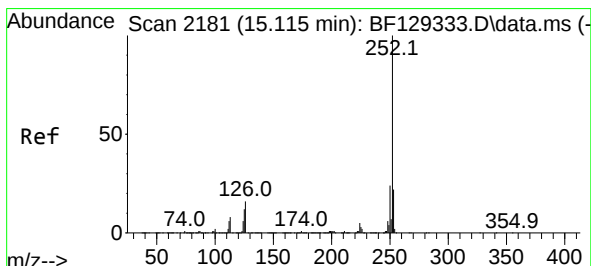
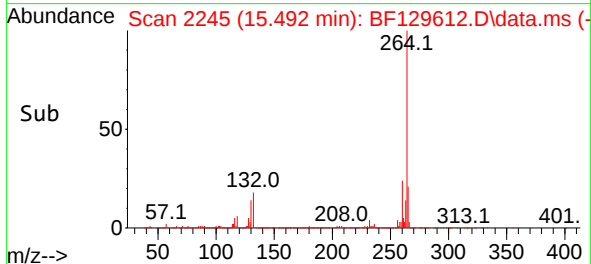
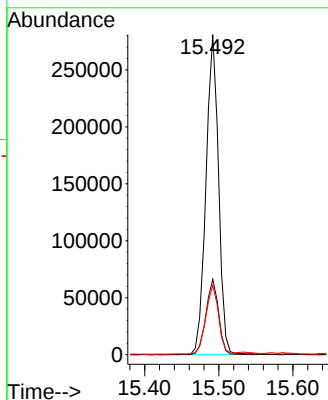
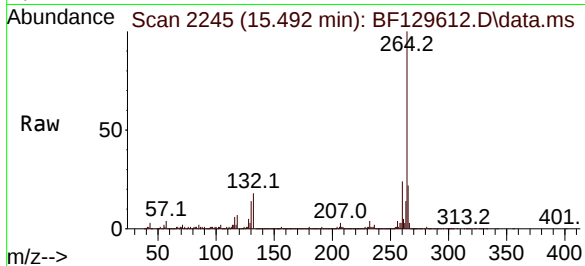




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129612.D
 Acq: 05 Aug 2022 21:50

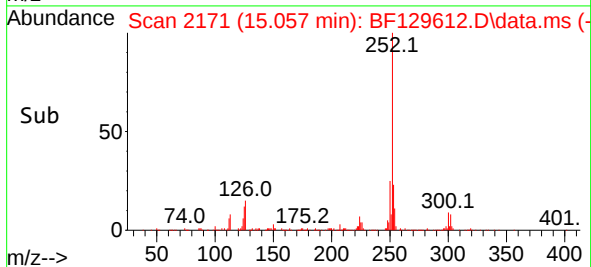
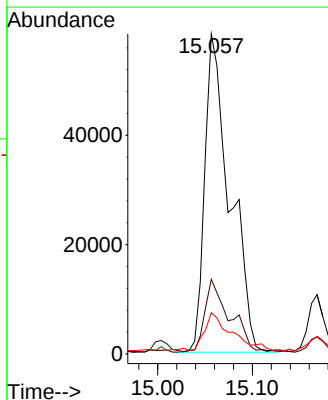
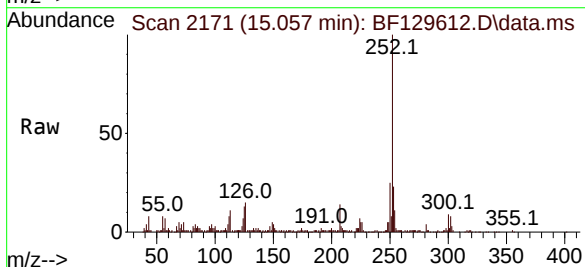
Instrument :
 BNA_F
 ClientSampleId :
 RVE-169

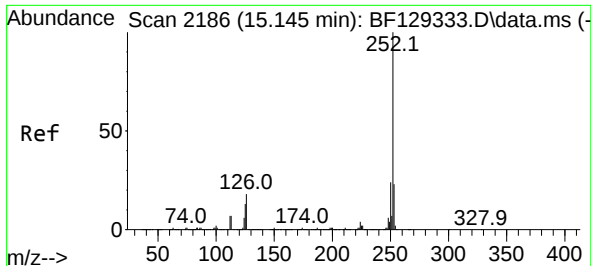
Tgt Ion:264 Resp: 330239
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.6 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 4.901 ng
 RT: 15.057 min Scan# 2171
 Delta R.T. -0.012 min
 Lab File: BF129612.D
 Acq: 05 Aug 2022 21:50

Tgt Ion:252 Resp: 107371
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.7 26.5
 125 12.9 8.0 12.0#

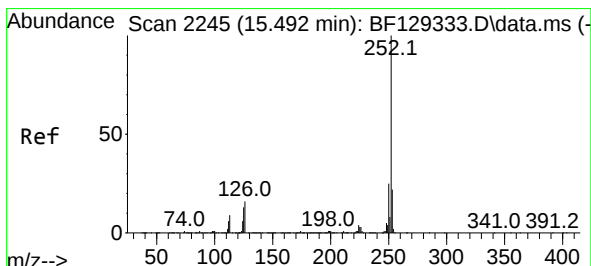
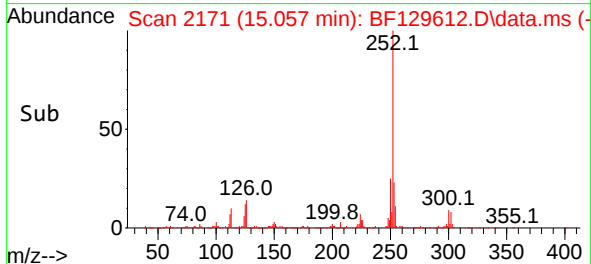
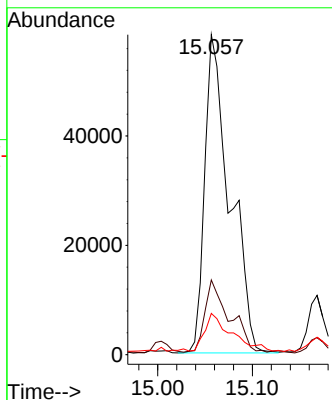
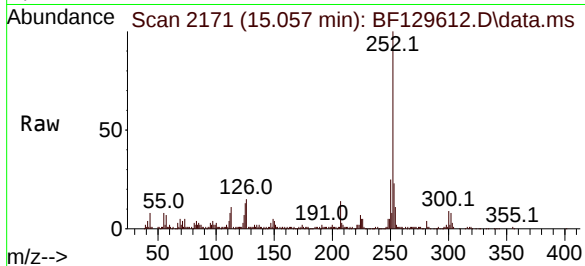




#89
Benzo(k)fluoranthene
Concen: 5.002 ng
RT: 15.057 min Scan# 2186
Delta R.T. -0.047 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Instrument :
BNA_F
ClientSampleId :
RVE-169

Tgt Ion:252 Resp: 107371
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 12.9 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.866 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129612.D
Acq: 05 Aug 2022 21:50

Tgt Ion:252 Resp: 50963
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 13.3 8.8 13.2#

