

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129610.D
 Acq On : 05 Aug 2022 20:41
 Operator : CG\JU
 Sample : N3960-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-158

Quant Time: Aug 08 02:01:41 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)

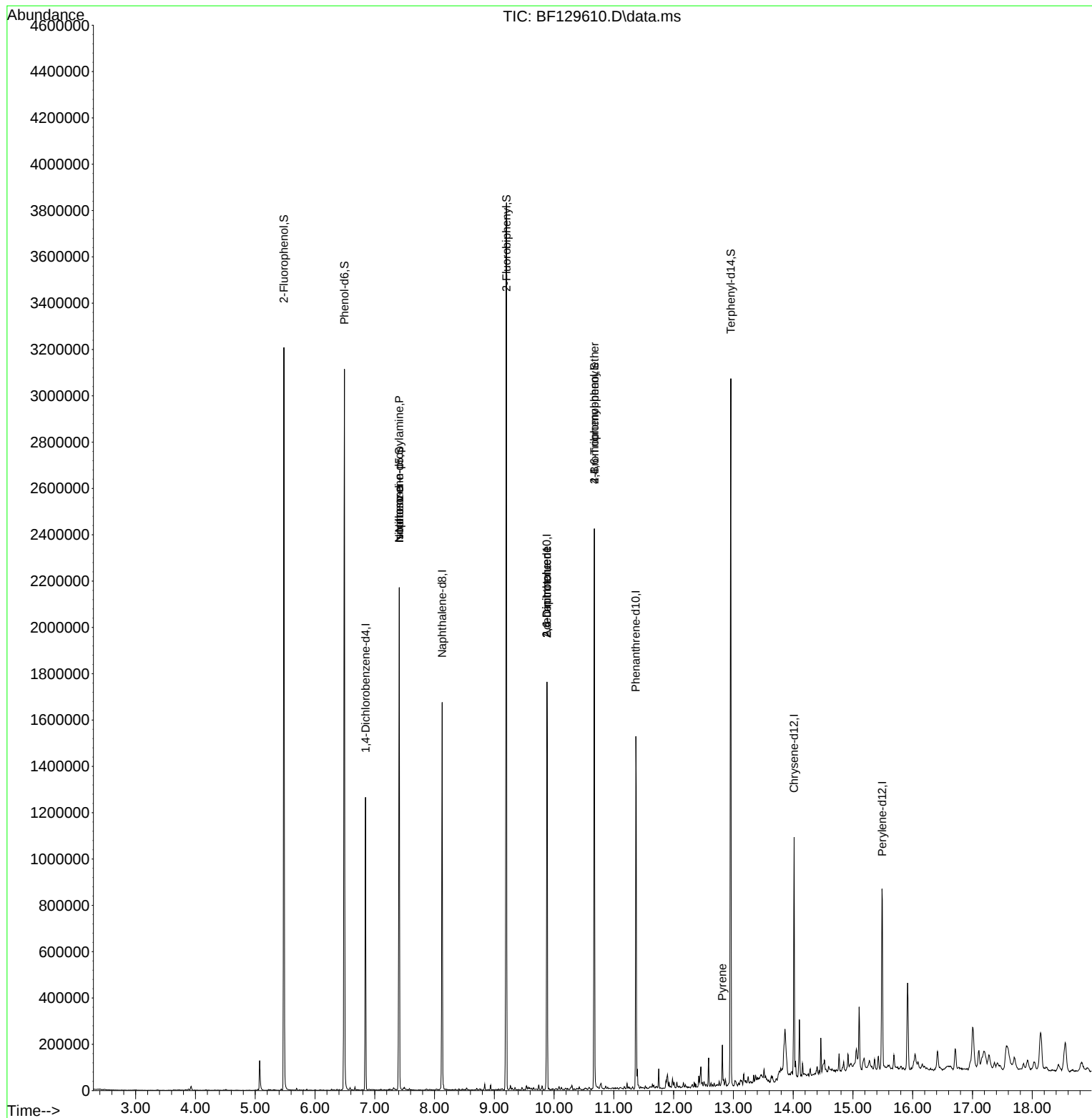
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	178800	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	695743	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	354228	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	541527	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	300095	20.000	ng	-0.01
86) Perylene-d12	15.492	264	318957	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	810618	73.853	ng	0.00
7) Phenol-d6	6.492	99	1028286	74.534	ng	-0.01
23) Nitrobenzene-d5	7.410	82	666264	52.276	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	253242	74.360	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1228626	53.655	ng	0.00
79) Terphenyl-d14	12.957	244	972588	61.143	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	88690	10.619	ng	# 72
25) Isophorone	7.410	82	661454	28.953	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	46316	8.462	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	46316	6.478	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	16076	2.711	ng	# 1
78) Pyrene	12.816	202	54284	2.163	ng	97

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

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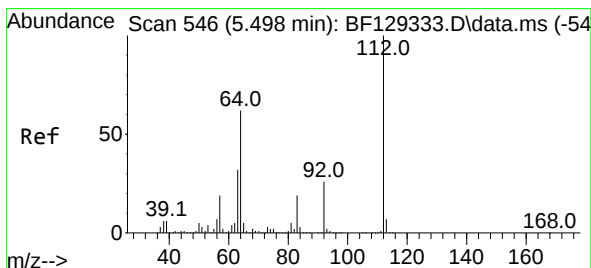
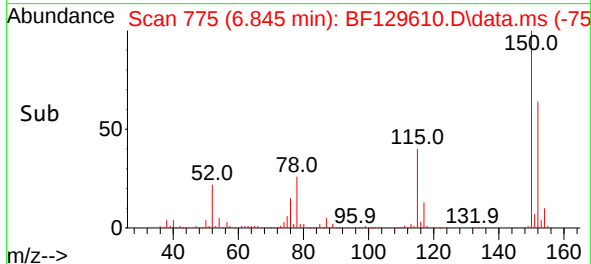
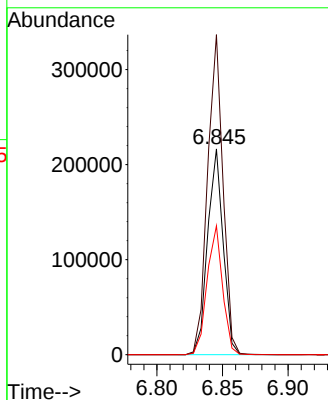
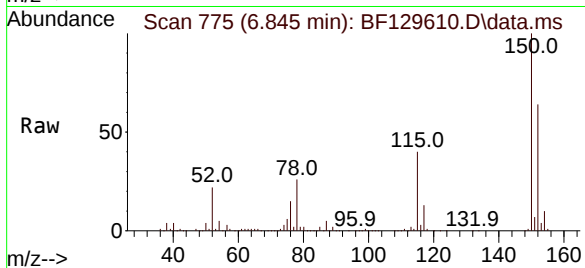




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129610.D
 Acq: 05 Aug 2022 20:41

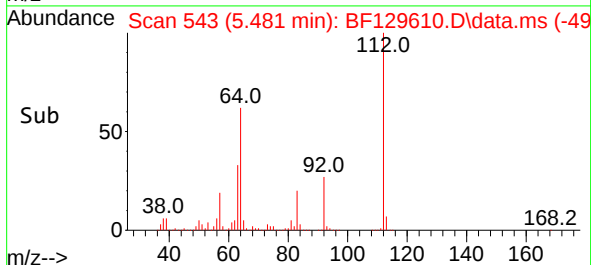
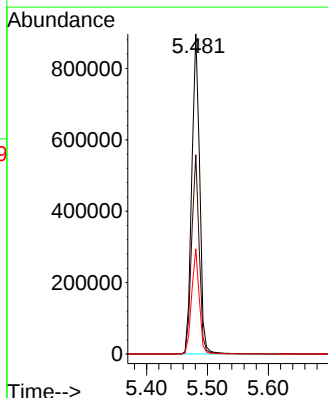
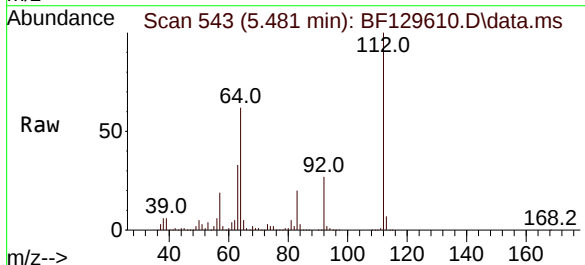
Instrument :
 BNA_F
 ClientSampleId :
 RVE-158

Tgt Ion:152 Resp: 178800
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.7 185.5
 115 62.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 73.853 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF129610.D
 Acq: 05 Aug 2022 20:41

Tgt Ion:112 Resp: 810618
 Ion Ratio Lower Upper
 112 100
 64 62.2 53.3 79.9
 63 32.9 28.0 42.0

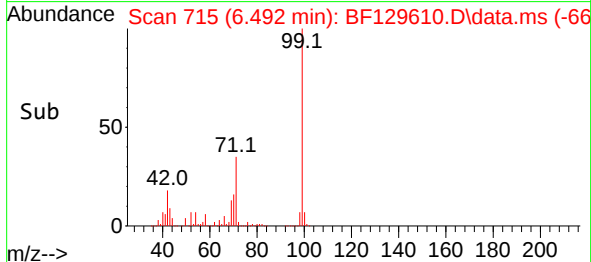
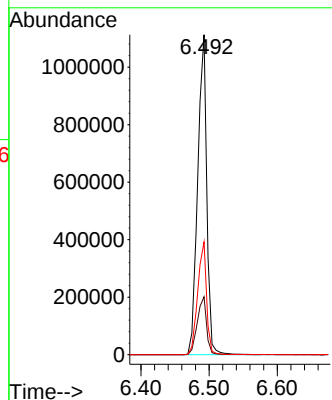
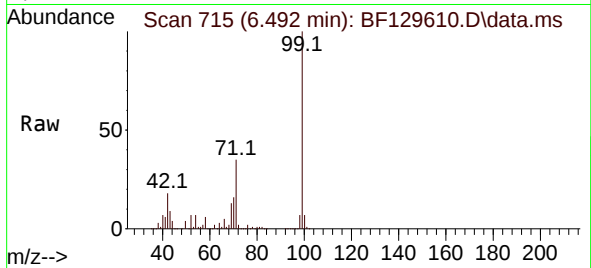




#7
Phenol-d6
Concen: 74.534 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129610.D
Acq: 05 Aug 2022 20:41

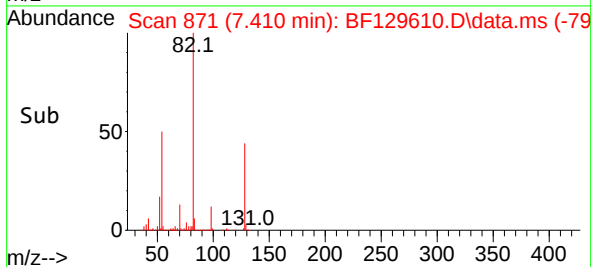
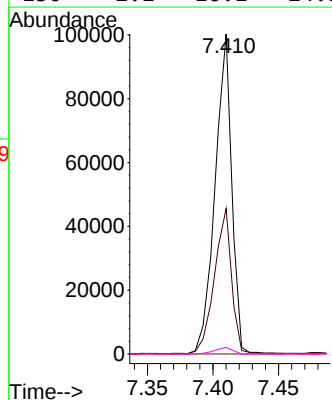
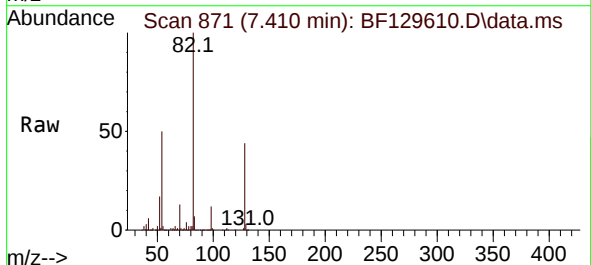
Instrument :
BNA_F
ClientSampleId :
RVE-158

Tgt Ion: 99 Resp: 1028286
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 35.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.619 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129610.D
Acq: 05 Aug 2022 20:41

Tgt Ion: 70 Resp: 88690
Ion Ratio Lower Upper
70 100
42 45.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



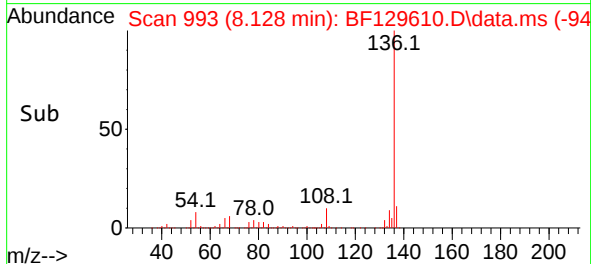
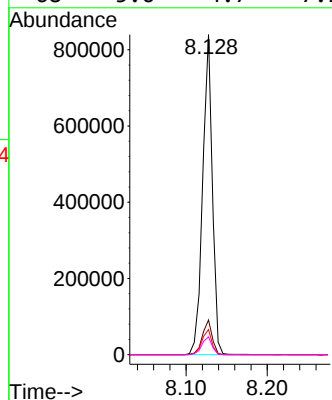
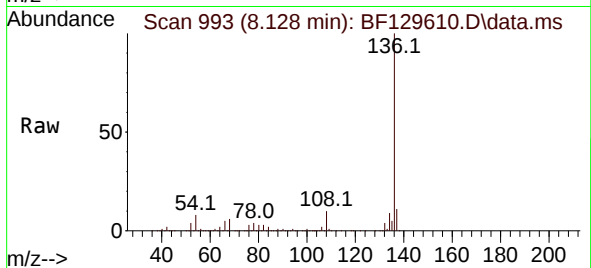


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129610.D
Acq: 05 Aug 2022 20:41

Instrument :
BNA_F
ClientSampleId :
RVE-158

Tgt Ion:136 Resp: 695743

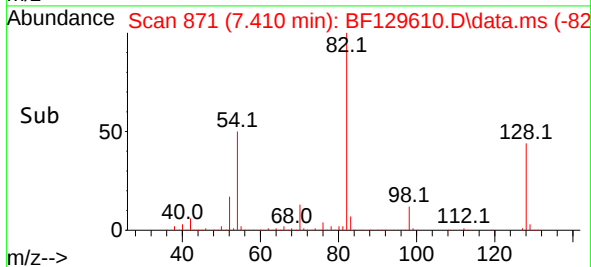
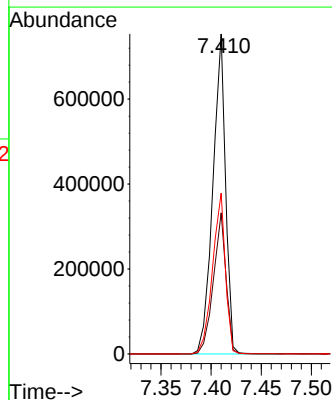
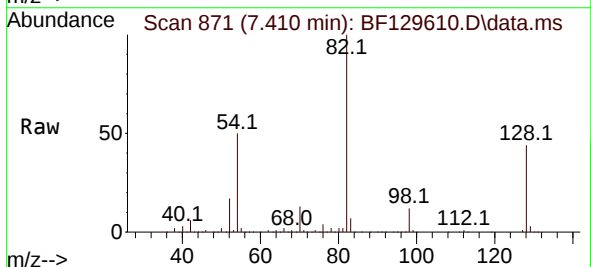
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	7.5	11.3
68	5.6	4.7	7.1



#23
Nitrobenzene-d5
Concen: 52.276 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129610.D
Acq: 05 Aug 2022 20:41

Tgt Ion: 82 Resp: 666264

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	50.3	46.9	70.3

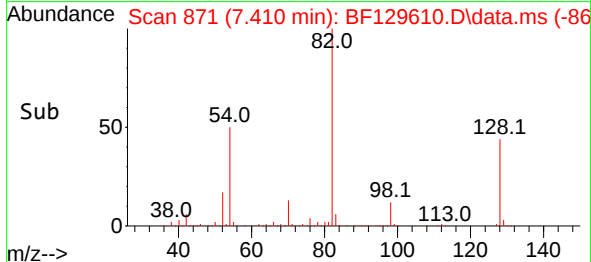
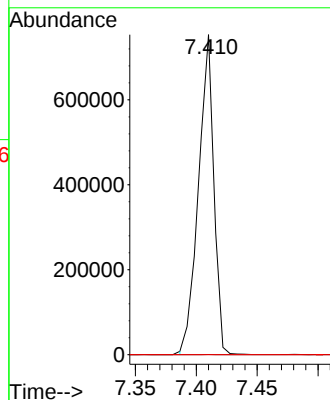
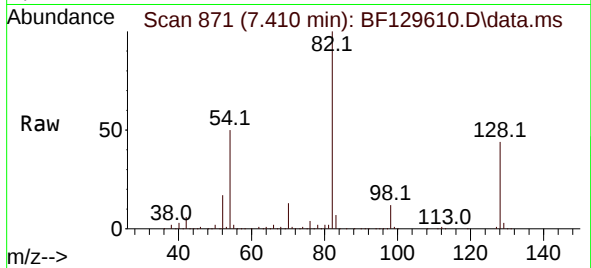




#25
Isophorone
Concen: 28.953 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129610.D
Acq: 05 Aug 2022 20:41

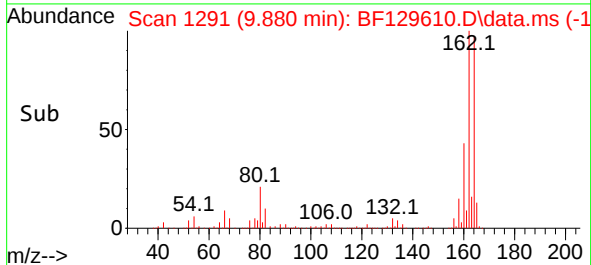
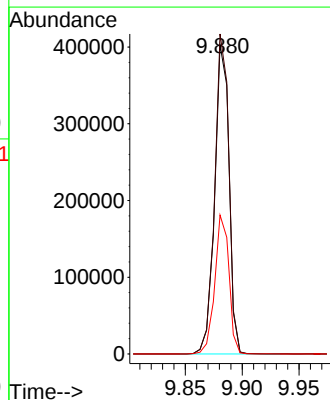
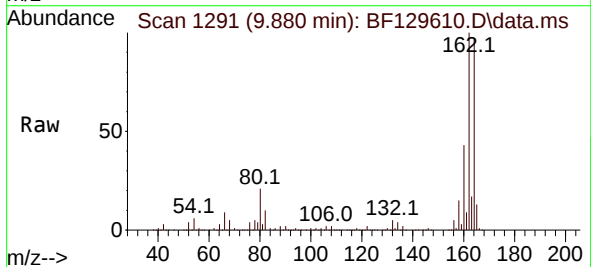
Instrument :
BNA_F
ClientSampleId :
RVE-158

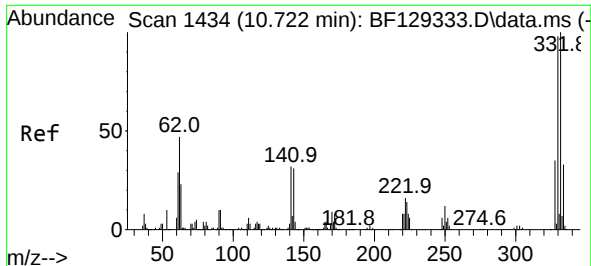
Tgt Ion: 82 Resp: 661454
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129610.D
Acq: 05 Aug 2022 20:41

Tgt Ion:164 Resp: 354228
Ion Ratio Lower Upper
164 100
162 103.6 79.5 119.3
160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 74.360 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129610.D

Acq: 05 Aug 2022 20:41

Instrument :

BNA_F

ClientSampleId :

RVE-158

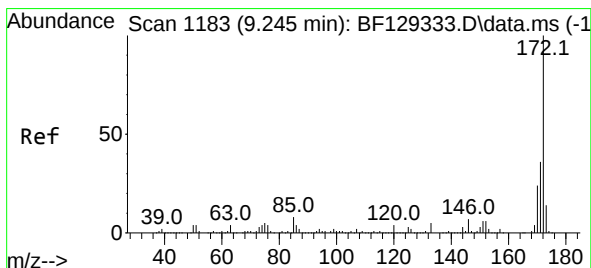
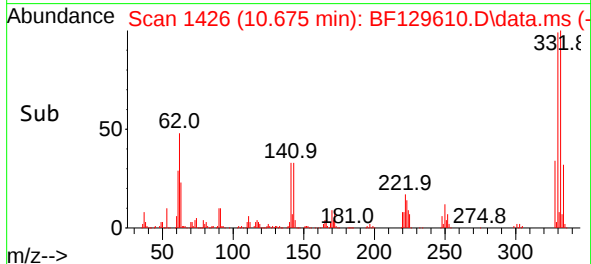
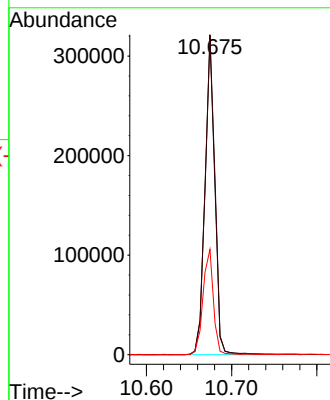
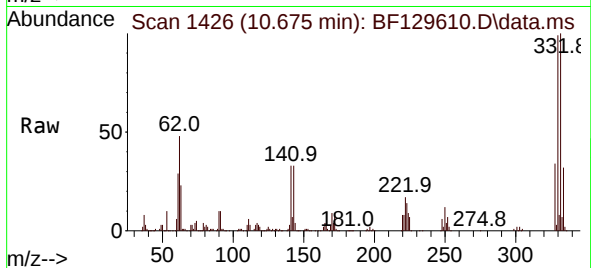
Tgt Ion:330 Resp: 253242

Ion Ratio Lower Upper

330 100

332 102.6 76.8 115.2

141 35.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 53.655 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129610.D

Acq: 05 Aug 2022 20:41

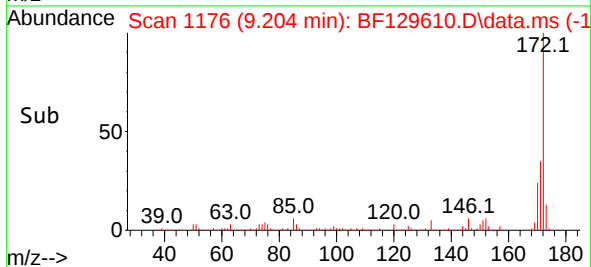
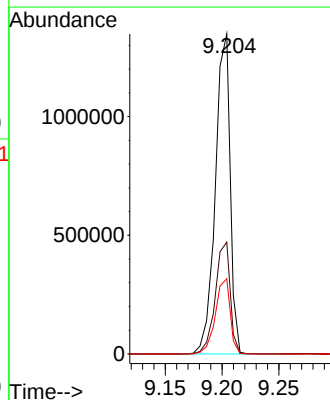
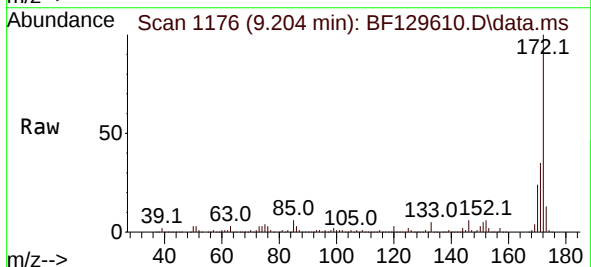
Tgt Ion:172 Resp: 1228626

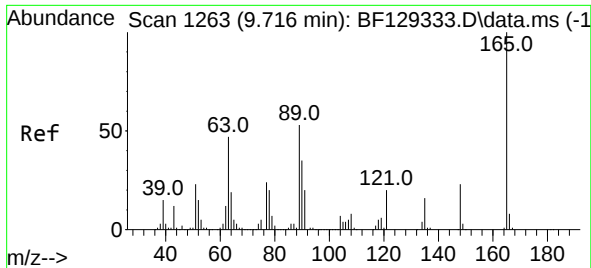
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.462 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129610.D

Acq: 05 Aug 2022 20:41

Instrument :

BNA_F

ClientSampleId :

RVE-158

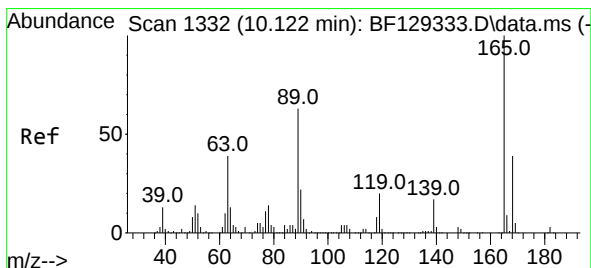
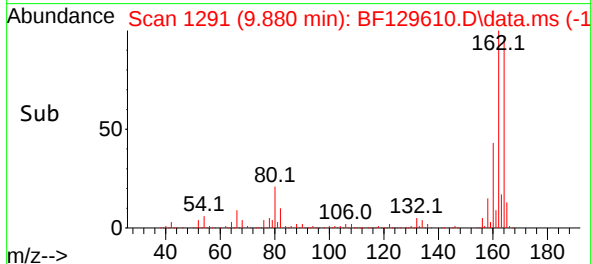
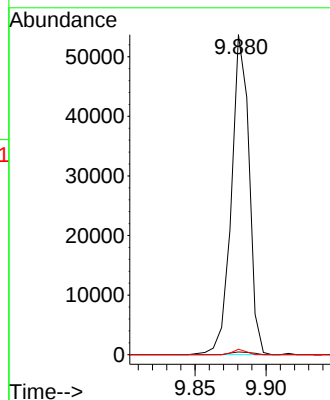
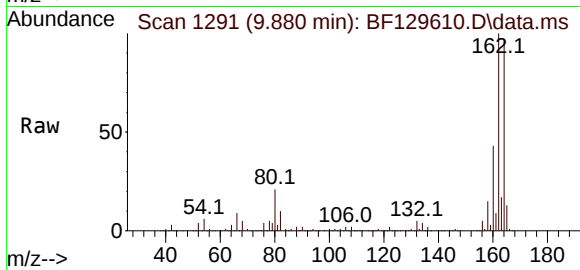
Tgt Ion:165 Resp: 46316

Ion Ratio Lower Upper

165 100

63 0.8 44.9 67.3#

89 1.7 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.478 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129610.D

Acq: 05 Aug 2022 20:41

Tgt Ion:165 Resp: 46316

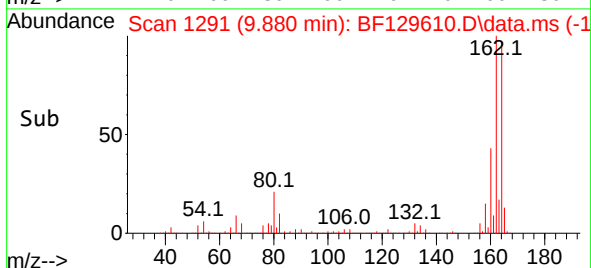
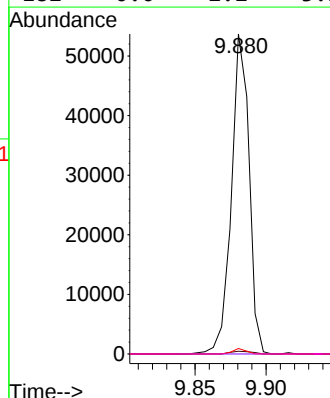
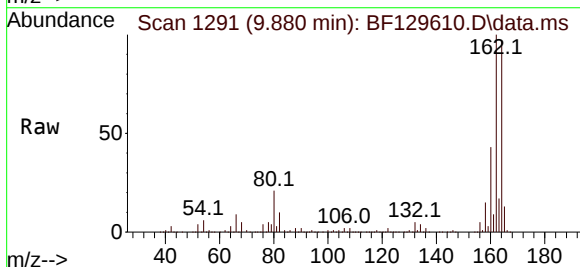
Ion Ratio Lower Upper

165 100

63 0.8 39.8 59.6#

89 1.7 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129610.D

Acq: 05 Aug 2022 20:41

Instrument :

BNA_F

ClientSampleId :

RVE-158

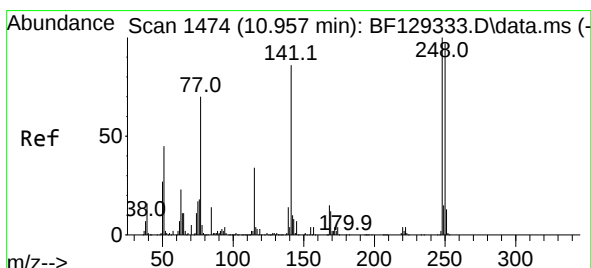
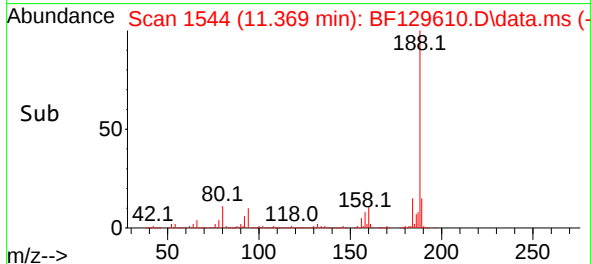
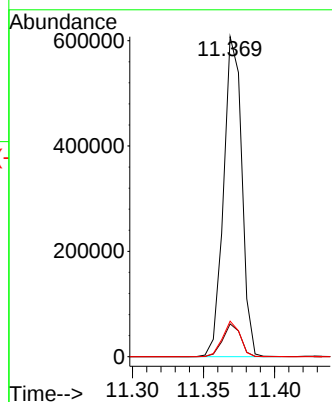
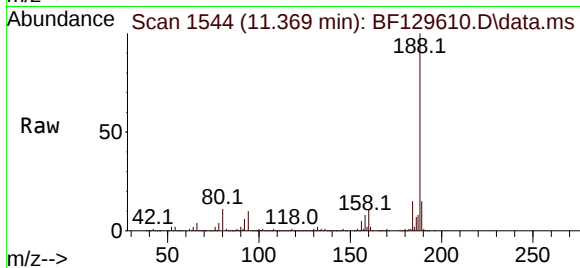
Tgt Ion:188 Resp: 541527

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

80 11.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 2.711 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF129610.D

Acq: 05 Aug 2022 20:41

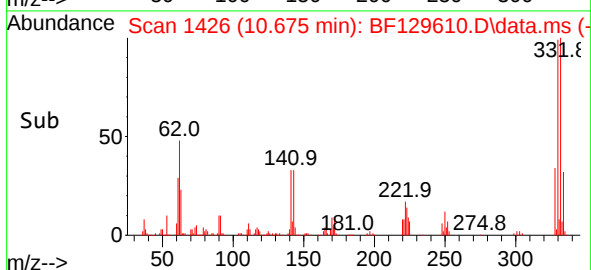
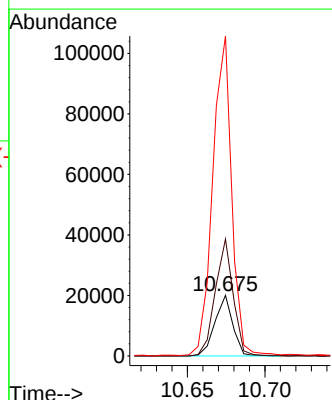
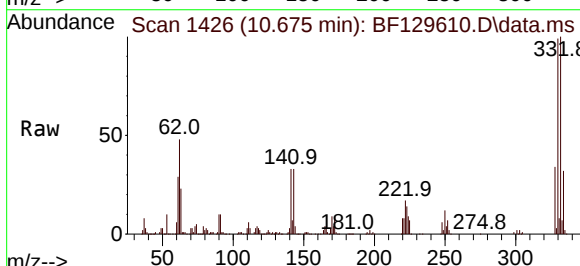
Tgt Ion:248 Resp: 16076

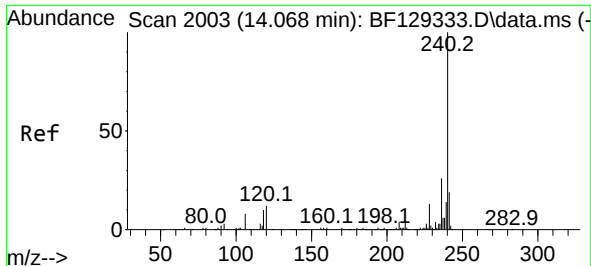
Ion Ratio Lower Upper

248 100

250 193.0 80.6 120.8#

141 528.2 58.9 88.3#

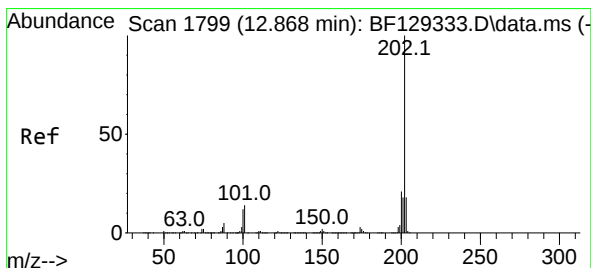
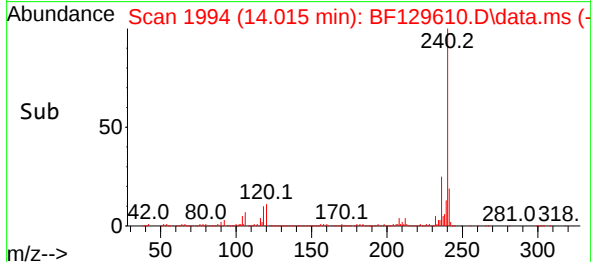
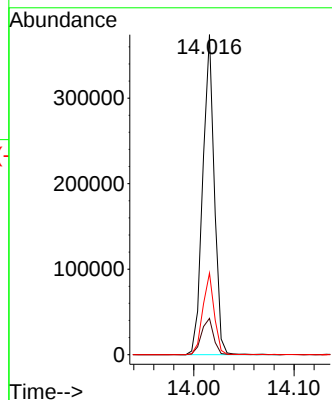
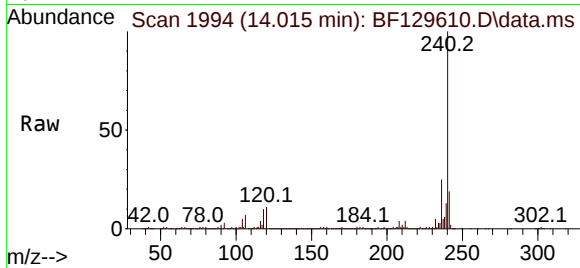




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129610.D
Acq: 05 Aug 2022 20:41

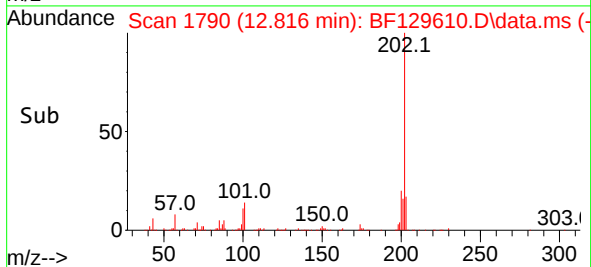
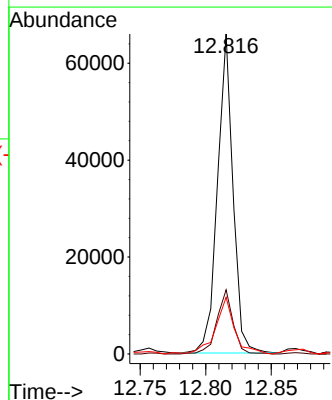
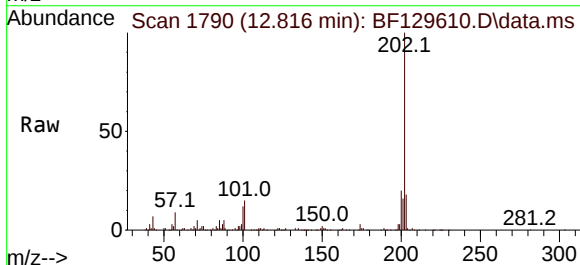
Instrument :
BNA_F
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RVE-158

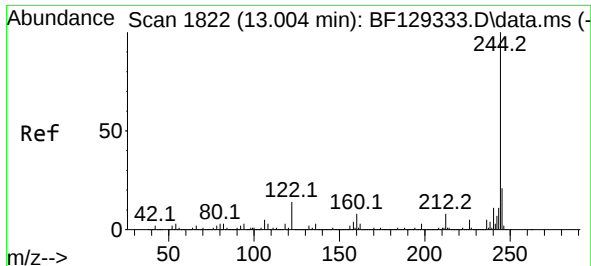
Tgt Ion:240 Resp: 300095
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.5 20.8 31.2



#78
Pyrene
Concen: 2.163 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129610.D
Acq: 05 Aug 2022 20:41

Tgt Ion:202 Resp: 54284
Ion Ratio Lower Upper
202 100
200 20.1 17.7 26.5
203 17.7 14.6 21.8

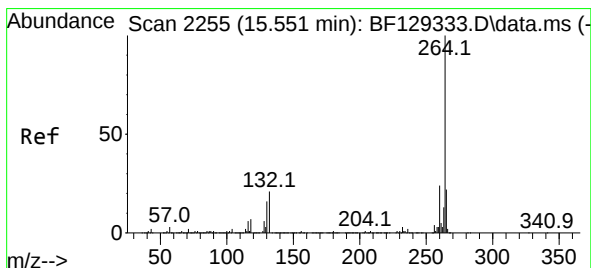
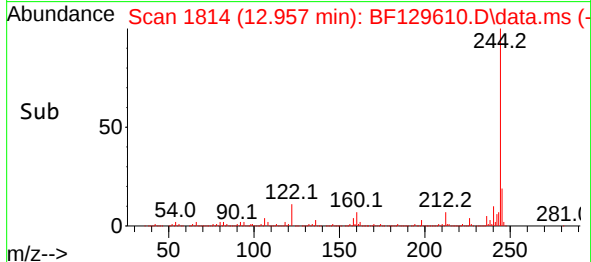
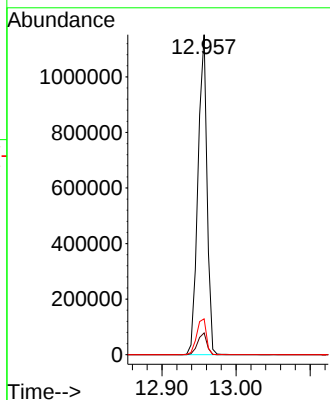
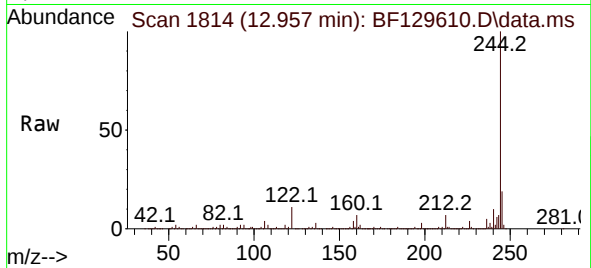




#79
 Terphenyl-d14
 Concen: 61.143 ng
 RT: 12.957 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF129610.D
 Acq: 05 Aug 2022 20:41

Instrument :
 BNA_F
 ClientSampleId :
 RVE-158

Tgt Ion:244 Resp: 972588
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2245
 Delta R.T. -0.012 min
 Lab File: BF129610.D
 Acq: 05 Aug 2022 20:41

Tgt Ion:264 Resp: 318957
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.6 17.2 25.8

