

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129501.D
 Acq On : 02 Aug 2022 11:29
 Operator : CG\JU
 Sample : N3927-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-77

Quant Time: Aug 02 17:35:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

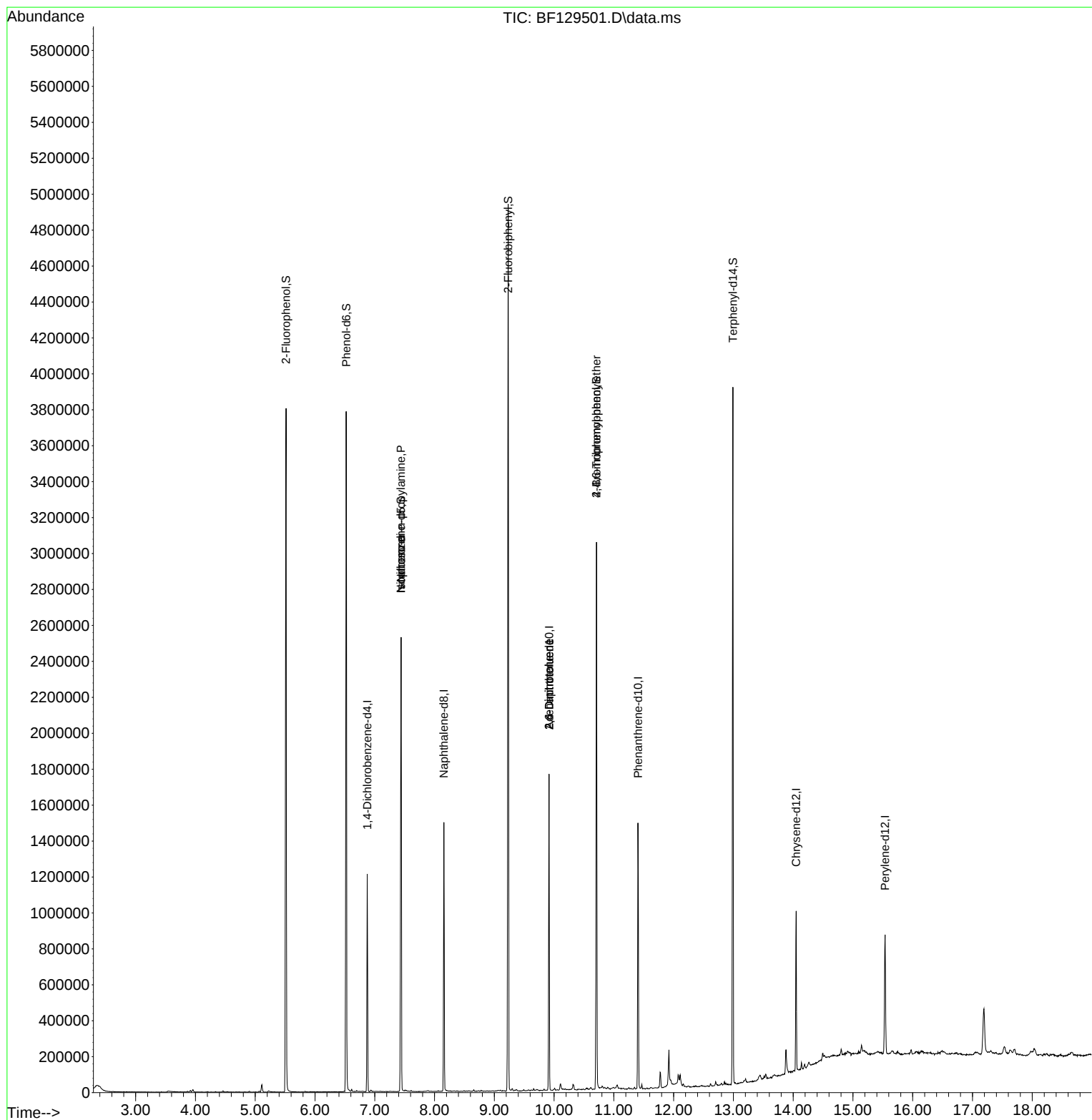
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	157595	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	618368	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	318842	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	514023	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	284619	20.000	ng	0.00
86) Perylene-d12	15.539	264	296788	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1016645	105.087	ng	0.01
7) Phenol-d6	6.522	99	1284950	105.670	ng	0.00
23) Nitrobenzene-d5	7.439	82	811628	71.649	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	335986	109.605	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1462092	70.937	ng	0.00
79) Terphenyl-d14	12.992	244	1258507	83.419	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	108413	14.727	ng	# 74
25) Isophorone	7.439	82	810596	39.921	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	41858	8.497	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	41858	6.504	ng	# 22
67) 4-Bromophenyl-phenylether	10.710	248	21038	3.738	ng	# 1

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

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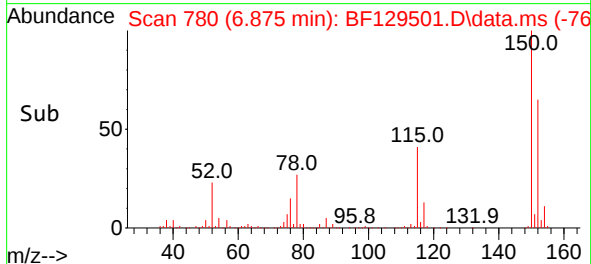
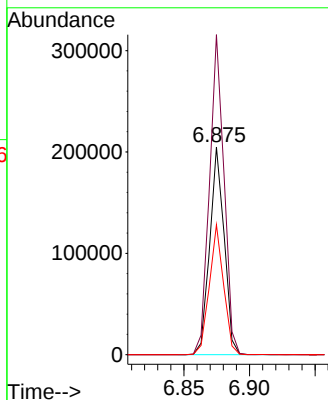
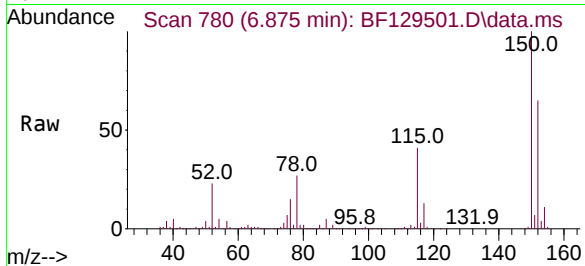




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129501.D
 Acq: 02 Aug 2022 11:29

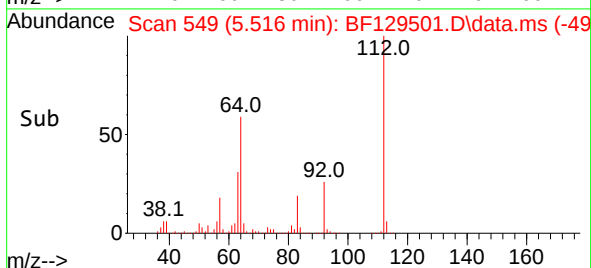
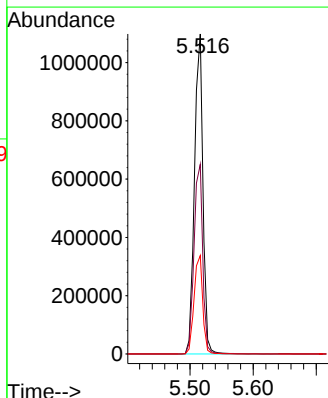
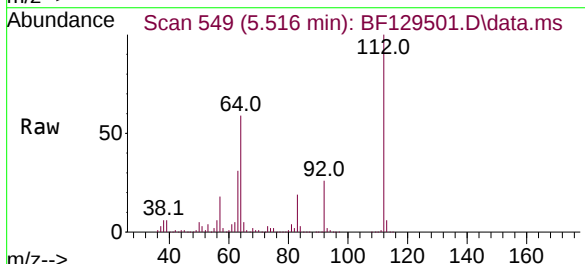
Instrument :
 BNA_F
 ClientSampleId :
 RVE-77

Tgt Ion:152 Resp: 157595
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.7 185.5
 115 62.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 105.087 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: BF129501.D
 Acq: 02 Aug 2022 11:29

Tgt Ion:112 Resp: 1016645
 Ion Ratio Lower Upper
 112 100
 64 59.2 53.3 79.9
 63 30.7 28.0 42.0

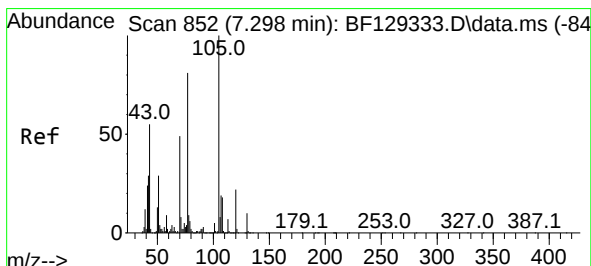
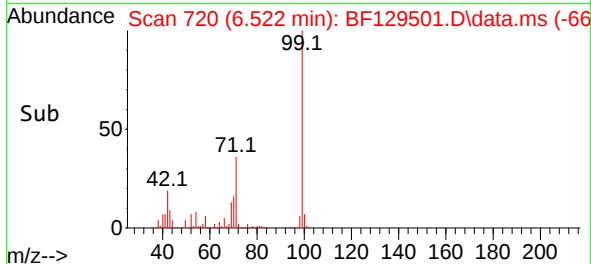
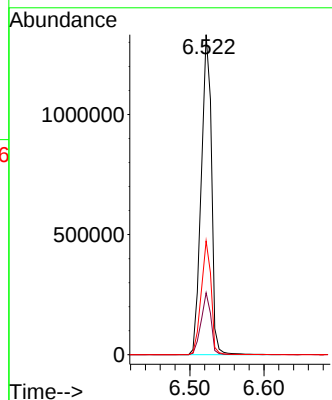
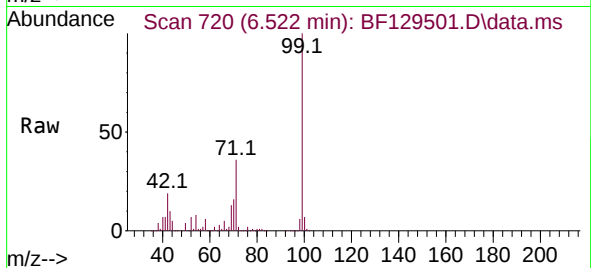




#7
Phenol-d6
Concen: 105.670 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129501.D
Acq: 02 Aug 2022 11:29

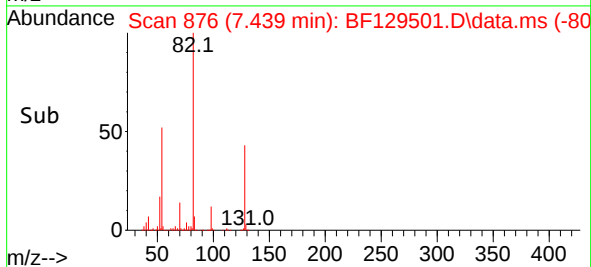
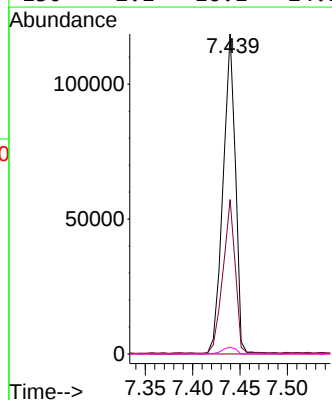
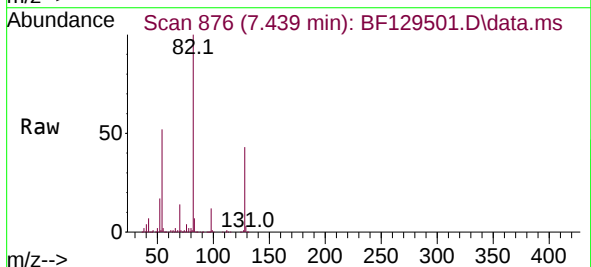
Instrument :
BNA_F
ClientSampleId :
RVE-77

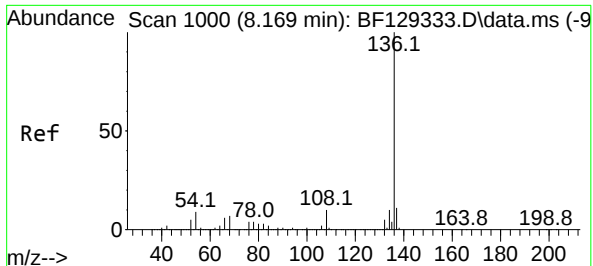
Tgt Ion: 99 Resp: 1284950
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 35.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.727 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129501.D
Acq: 02 Aug 2022 11:29

Tgt Ion: 70 Resp: 108413
Ion Ratio Lower Upper
70 100
42 48.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



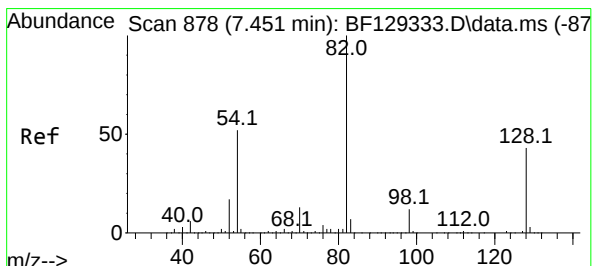
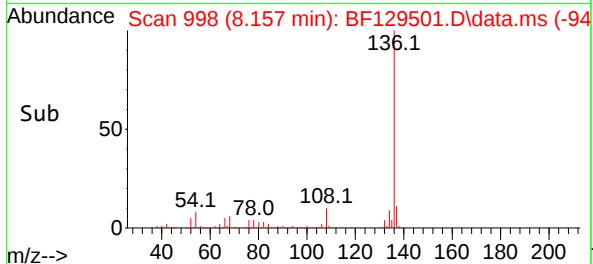
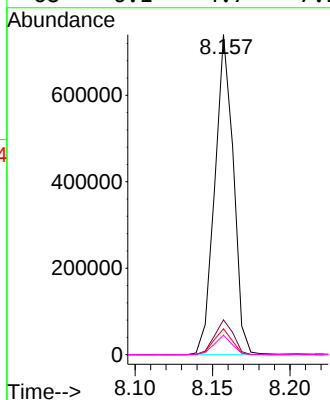
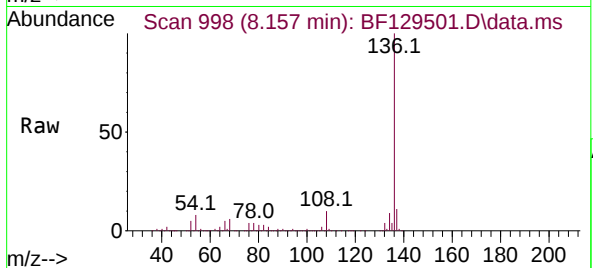


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129501.D
Acq: 02 Aug 2022 11:29

Instrument :
BNA_F
ClientSampleId :
RVE-77

Tgt Ion:136 Resp: 618368

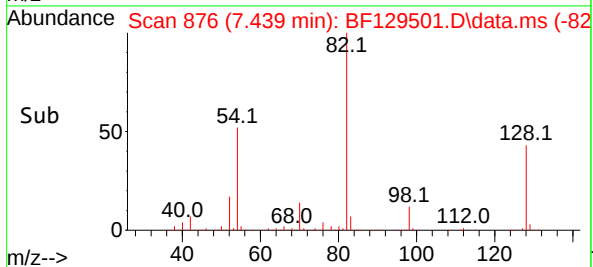
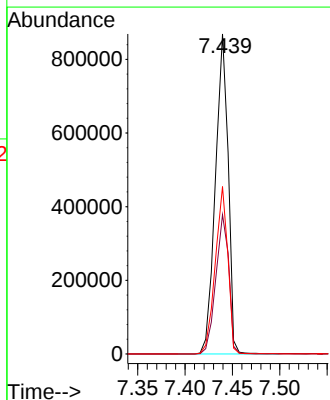
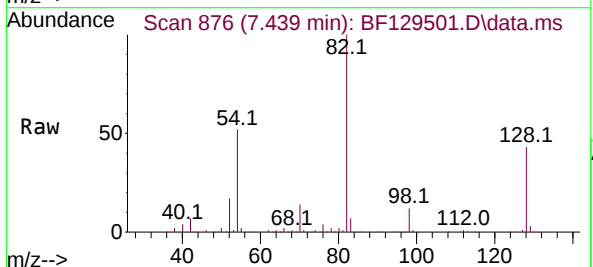
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	7.5	11.3
68	6.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 71.649 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129501.D
Acq: 02 Aug 2022 11:29

Tgt Ion: 82 Resp: 811628

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	52.3	46.9	70.3

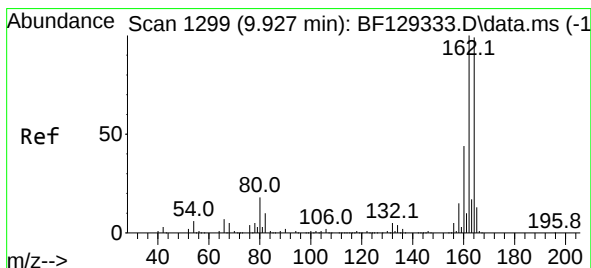
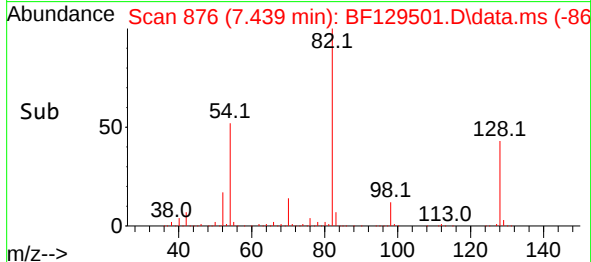
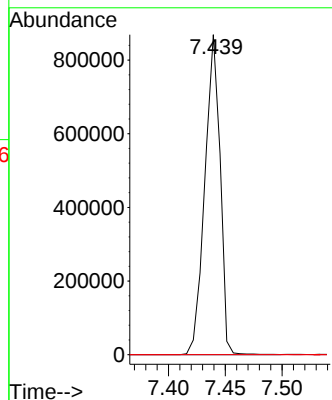
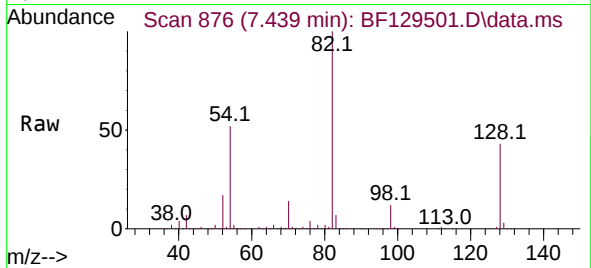




#25
Isophorone
Concen: 39.921 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129501.D
Acq: 02 Aug 2022 11:29

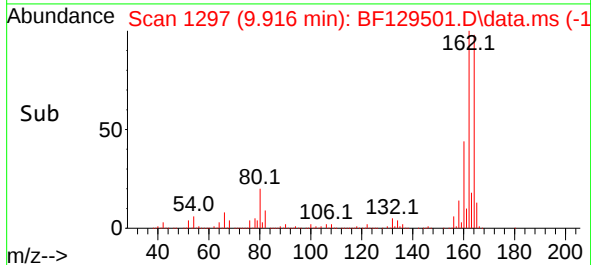
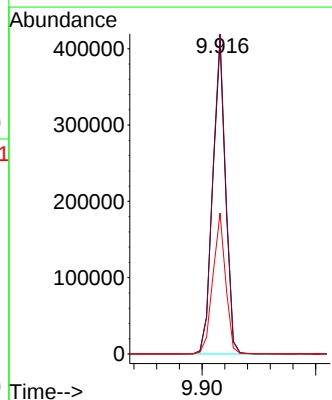
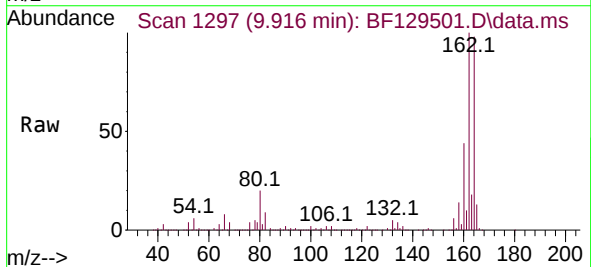
Instrument :
BNA_F
ClientSampleId :
RVE-77

Tgt Ion: 82 Resp: 810596
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: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129501.D
Acq: 02 Aug 2022 11:29

Tgt Ion: 164 Resp: 318842
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 109.605 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF129501.D

Acq: 02 Aug 2022 11:29

Instrument :

BNA_F

ClientSampleId :

RVE-77

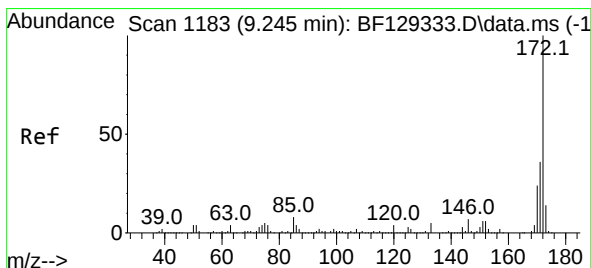
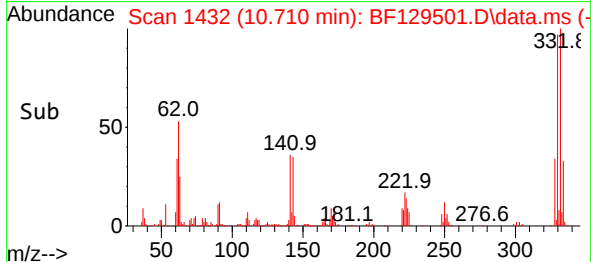
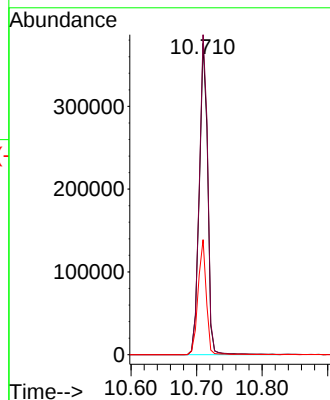
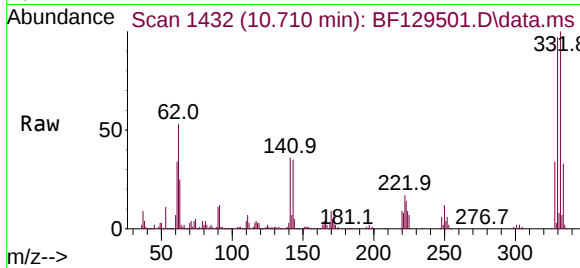
Tgt Ion:330 Resp: 335986

Ion Ratio Lower Upper

330 100

332 102.5 76.8 115.2

141 35.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 70.937 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129501.D

Acq: 02 Aug 2022 11:29

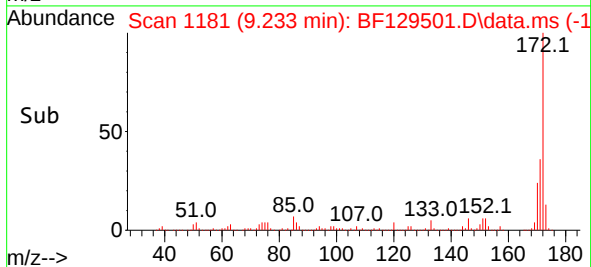
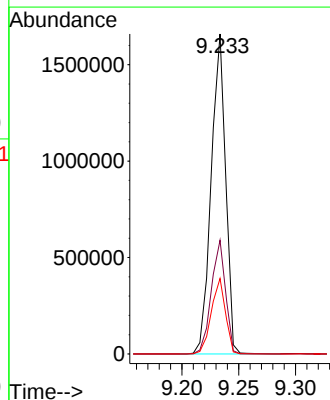
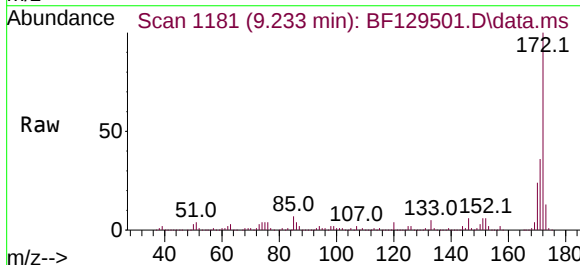
Tgt Ion:172 Resp: 1462092

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.497 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129501.D

Acq: 02 Aug 2022 11:29

Instrument :

BNA_F

ClientSampleId :

RVE-77

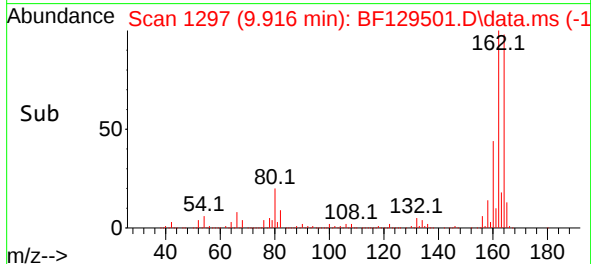
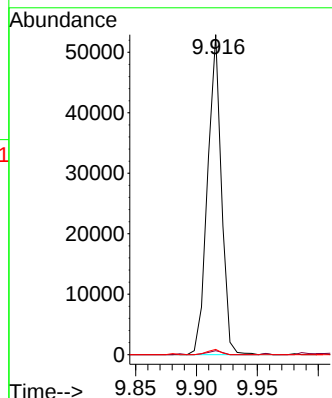
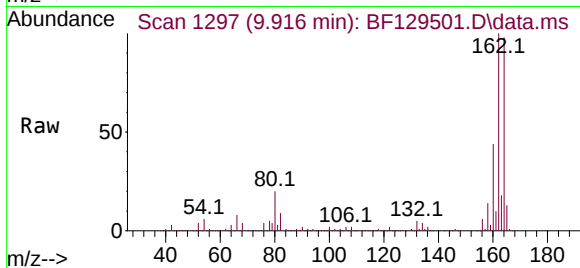
Tgt Ion:165 Resp: 41858

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.7 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.504 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.194 min

Lab File: BF129501.D

Acq: 02 Aug 2022 11:29

Tgt Ion:165 Resp: 41858

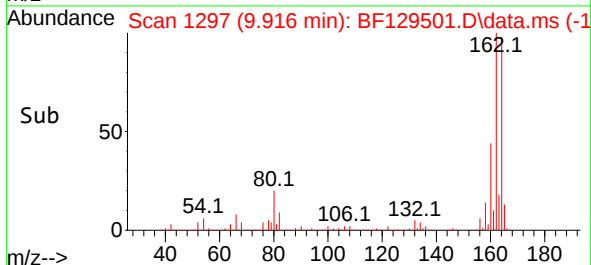
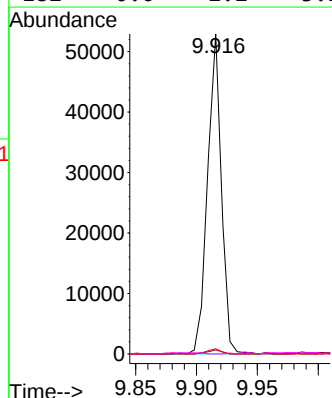
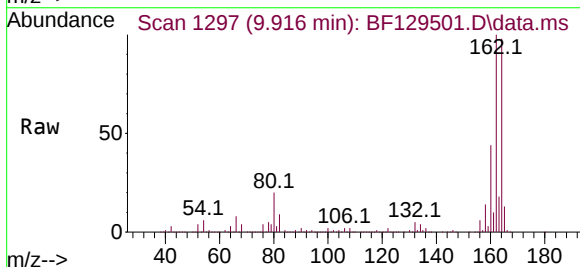
Ion Ratio Lower Upper

165 100

63 1.3 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: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129501.D

Acq: 02 Aug 2022 11:29

Instrument :

BNA_F

ClientSampleId :

RVE-77

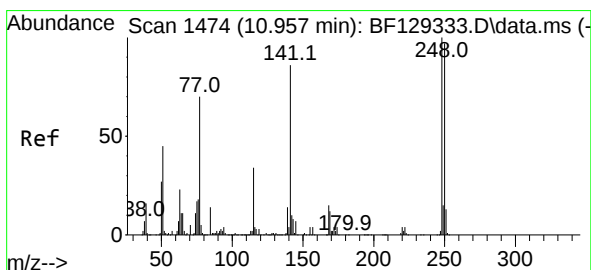
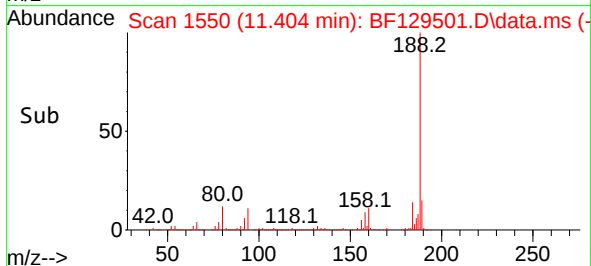
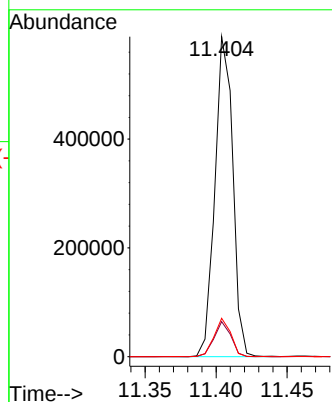
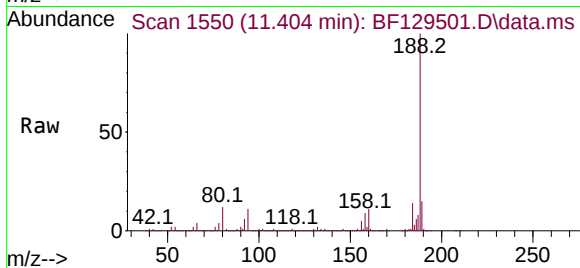
Tgt Ion:188 Resp: 514023

Ion Ratio Lower Upper

188 100

94 10.9 7.0 10.6#

80 12.0 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.738 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.235 min

Lab File: BF129501.D

Acq: 02 Aug 2022 11:29

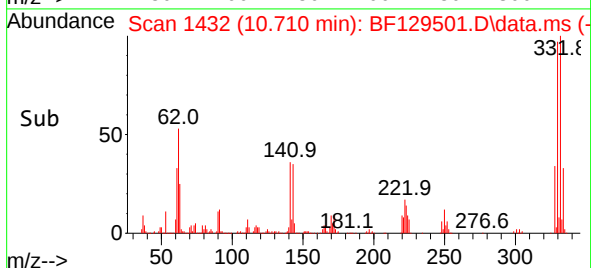
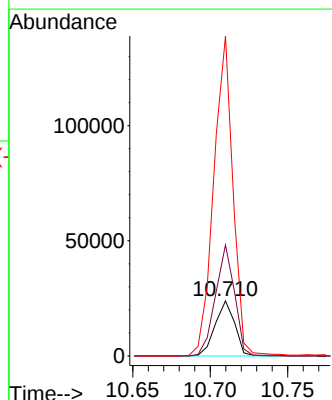
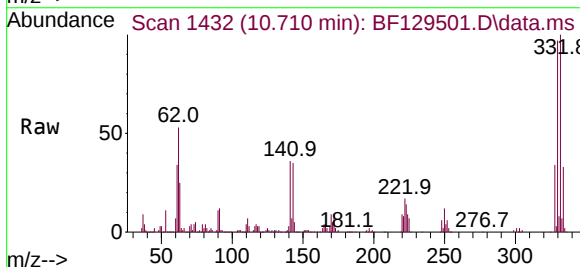
Tgt Ion:248 Resp: 21038

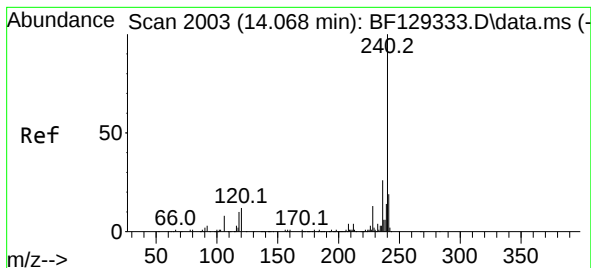
Ion Ratio Lower Upper

248 100

250 201.9 80.6 120.8#

141 581.5 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BF129501.D

Acq: 02 Aug 2022 11:29

Instrument :

BNA_F

ClientSampleId :

RVE-77

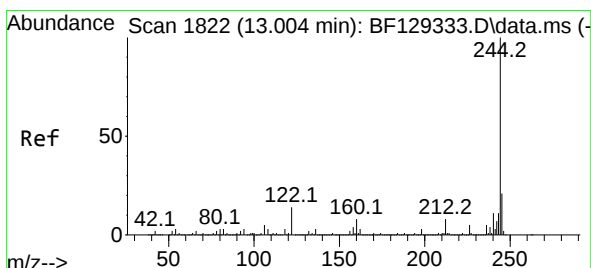
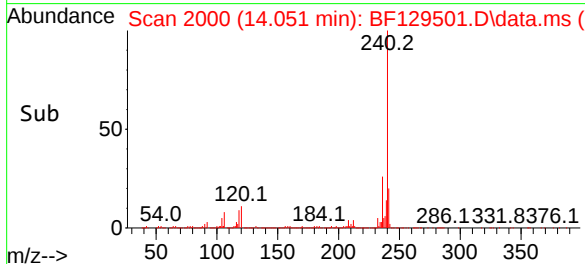
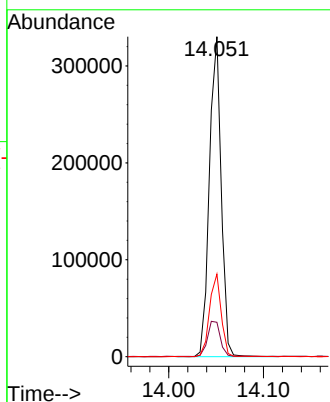
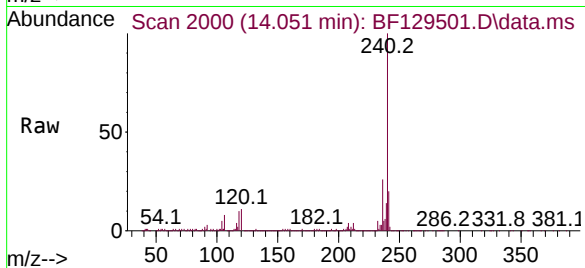
Tgt Ion:240 Resp: 284619

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.8 20.8 31.2



#79

Terphenyl-d14

Concen: 83.419 ng

RT: 12.992 min Scan# 1820

Delta R.T. 0.006 min

Lab File: BF129501.D

Acq: 02 Aug 2022 11:29

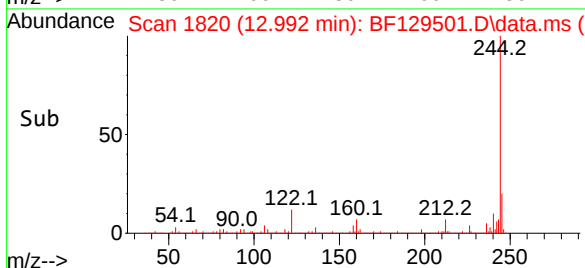
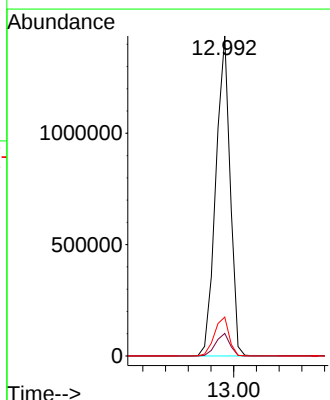
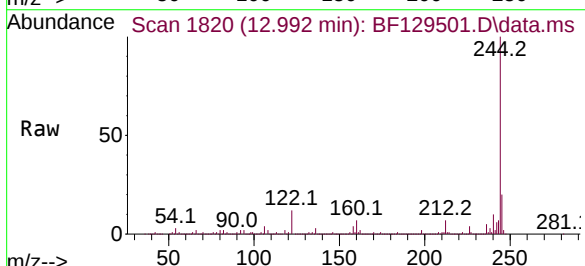
Tgt Ion:244 Resp: 1258507

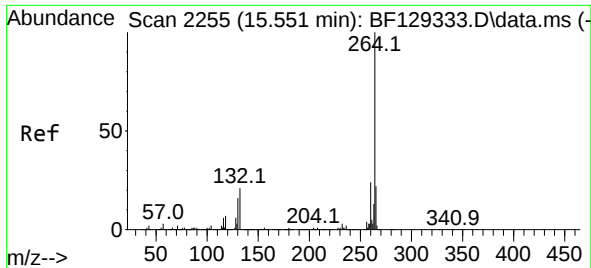
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 12.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129501.D
Acq: 02 Aug 2022 11:29

Instrument :
BNA_F
ClientSampleId :
RVE-77

Tgt Ion:264 Resp: 296788

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	21.8	17.2	25.8

