

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129601.D
 Acq On : 05 Aug 2022 15:00
 Operator : CG\JU
 Sample : N3961-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-177

Quant Time: Aug 05 16:34:07 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)

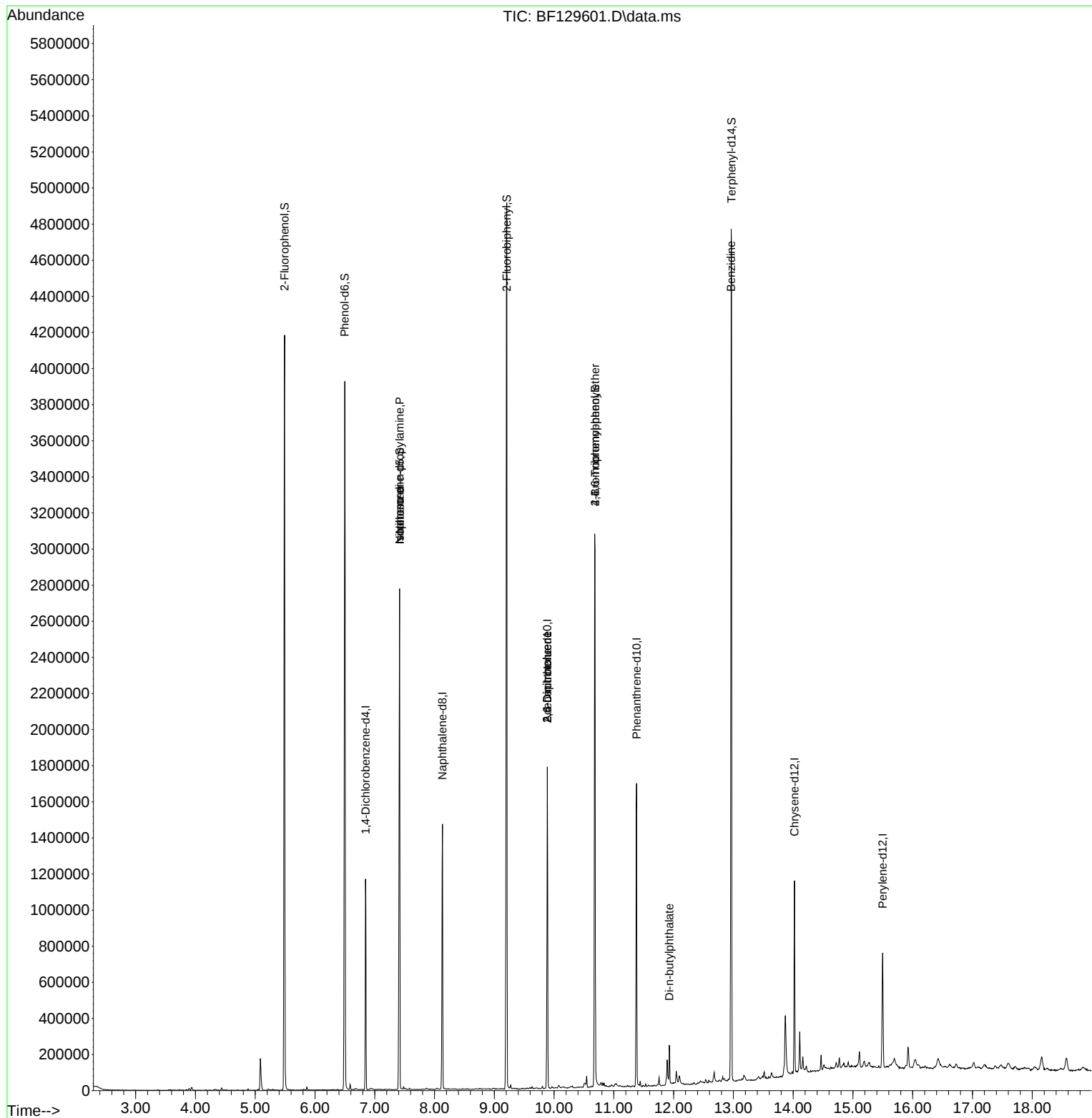
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	171587	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	673379	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	359754	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	594927	20.000	ng	0.00
76) Chrysene-d12	14.021	240	329703	20.000	ng	0.00
86) Perylene-d12	15.498	264	274586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1166674	110.761	ng	0.01
7) Phenol-d6	6.498	99	1487805	112.374	ng	0.00
23) Nitrobenzene-d5	7.416	82	944119	76.537	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	403902	116.776	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1736937	74.689	ng	0.00
79) Terphenyl-d14	12.969	244	1763440	100.905	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	126163	15.740	ng	# 74
25) Isophorone	7.416	82	929241	42.025	ng	# 65
51) 2,6-Dinitrotoluene	9.886	165	46424	8.352	ng	# 26
57) 2,4-Dinitrotoluene	9.886	165	46424	6.393	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	25217	3.871	ng	# 1
74) Di-n-butylphthalate	11.927	149	97216	2.717	ng	98
77) Benzidine	12.963	184	24800	2.129	ng	# 92

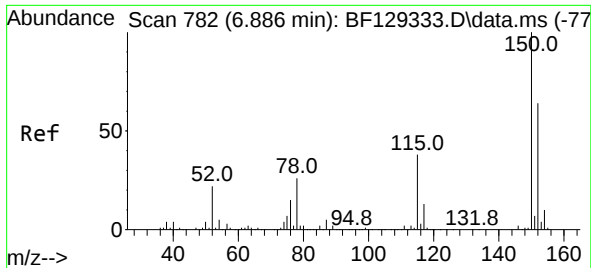
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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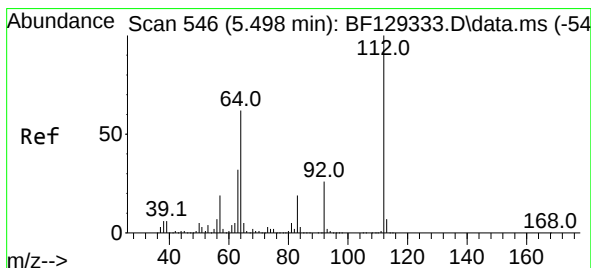
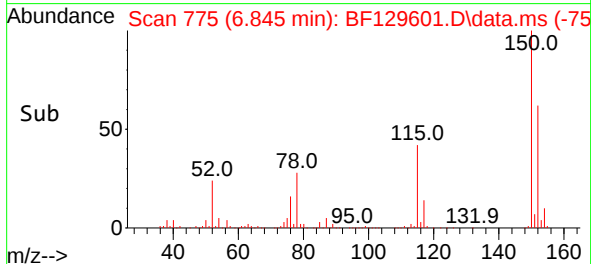
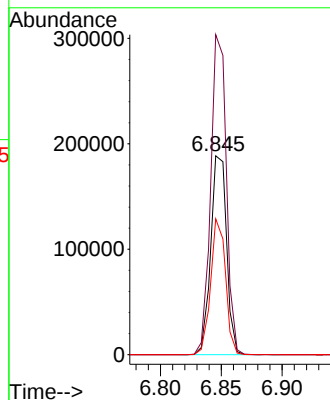
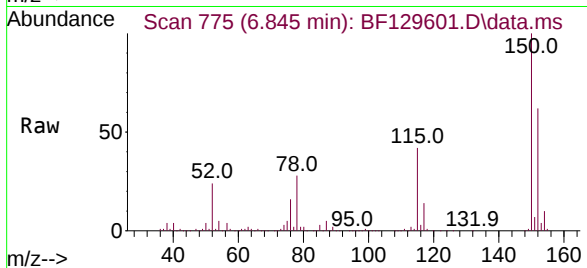




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129601.D
 Acq: 05 Aug 2022 15:00

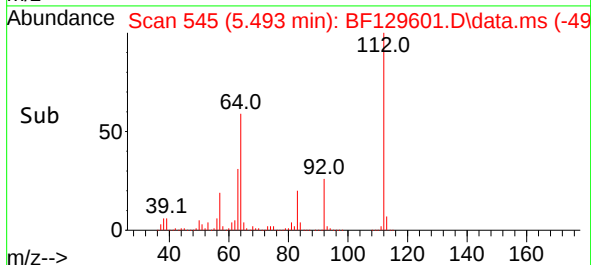
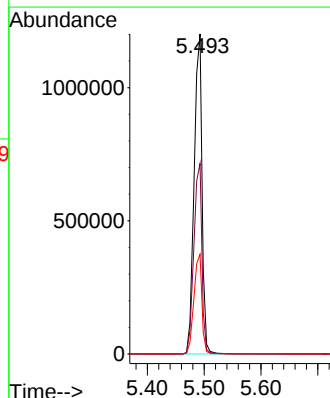
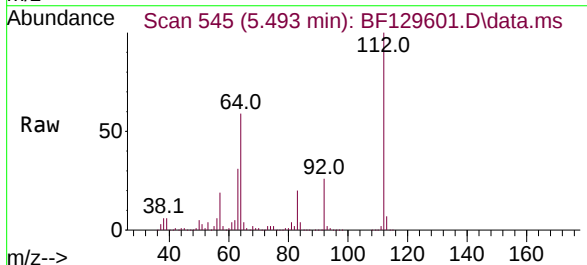
Instrument :
 BNA_F
 ClientSampleId :
 RVE-177

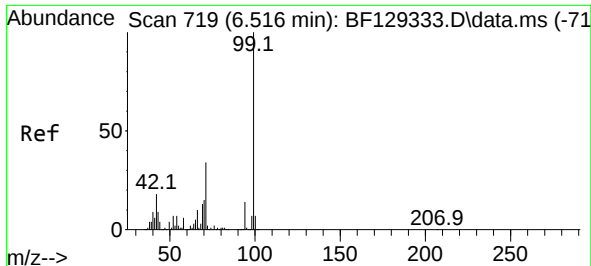
Tgt Ion:152 Resp: 171587
 Ion Ratio Lower Upper
 152 100
 150 160.9 123.7 185.5
 115 68.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 110.761 ng
 RT: 5.493 min Scan# 545
 Delta R.T. 0.012 min
 Lab File: BF129601.D
 Acq: 05 Aug 2022 15:00

Tgt Ion:112 Resp: 1166674
 Ion Ratio Lower Upper
 112 100
 64 59.5 53.3 79.9
 63 31.1 28.0 42.0

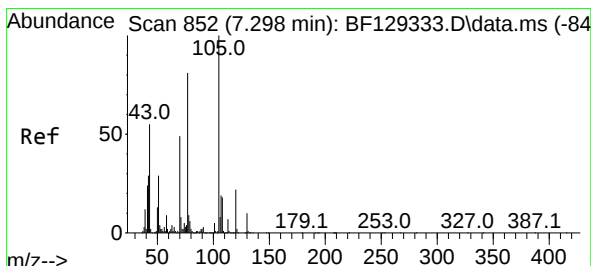
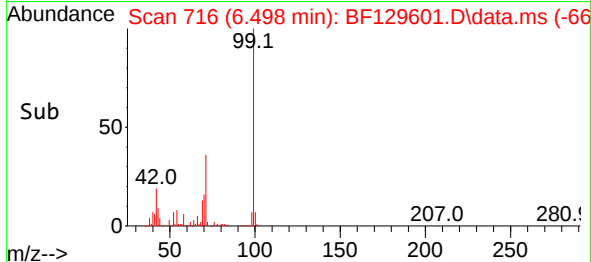
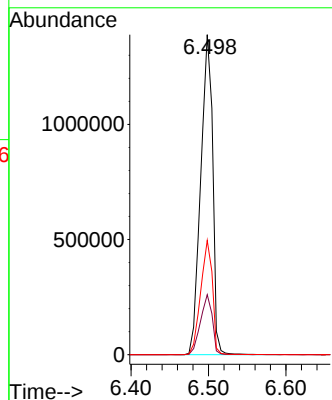
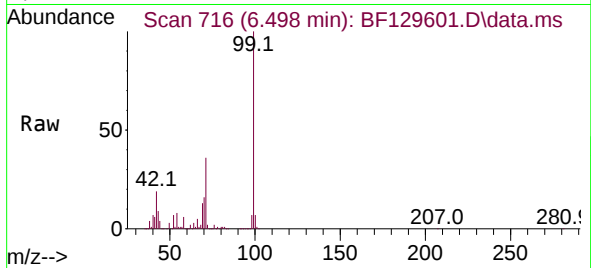




#7
Phenol-d6
Concen: 112.374 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

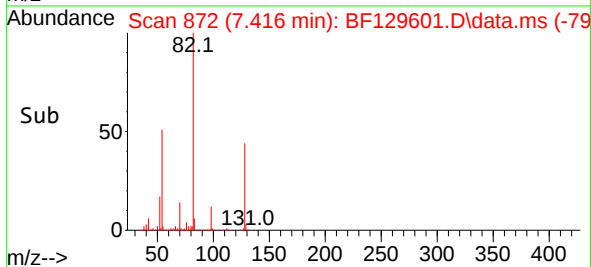
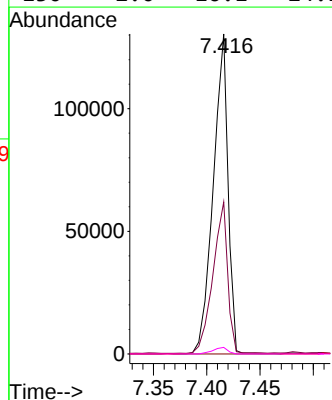
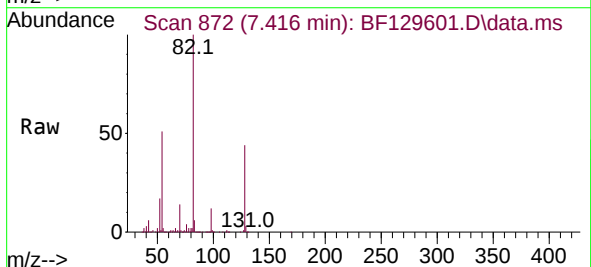
Instrument :
BNA_F
ClientSampleId :
RVE-177

Tgt Ion: 99 Resp: 1487805
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 35.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.740 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.147 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

Tgt Ion: 70 Resp: 126163
Ion Ratio Lower Upper
70 100
42 47.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



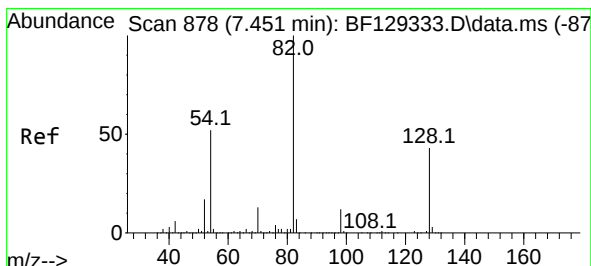
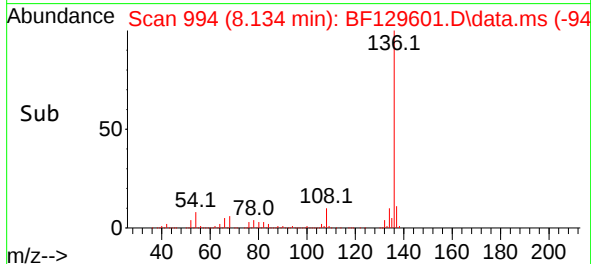
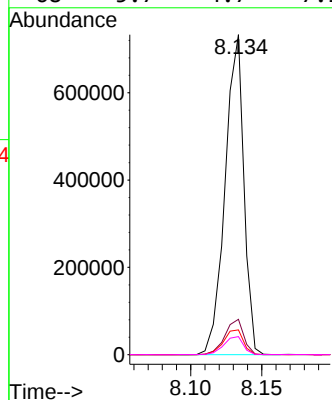
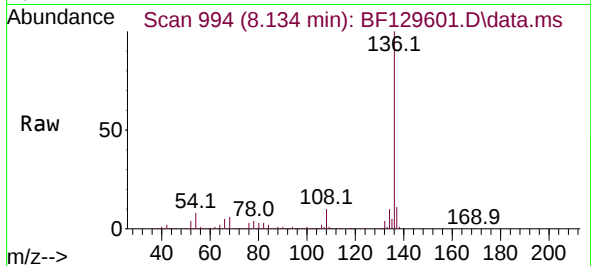


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

Instrument :
BNA_F
ClientSampleId :
RVE-177

Tgt Ion:136 Resp: 673379

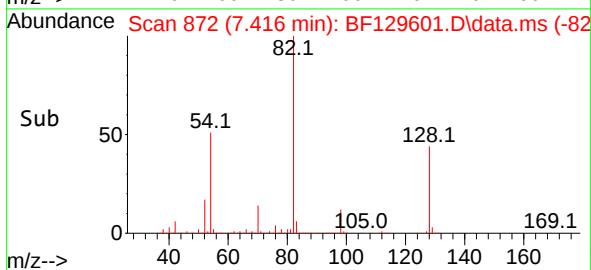
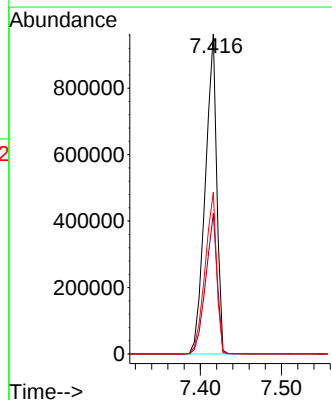
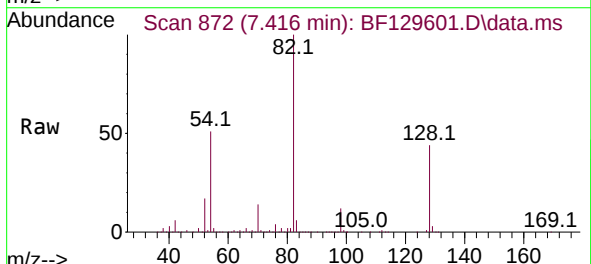
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	7.5	11.3
68	5.7	4.7	7.1

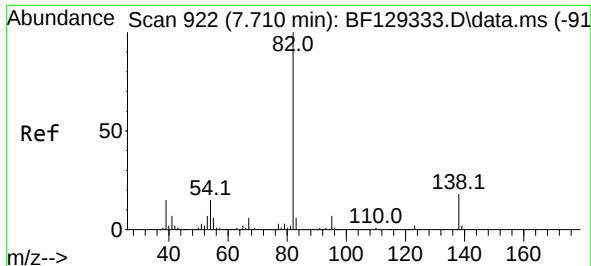


#23
Nitrobenzene-d5
Concen: 76.537 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

Tgt Ion: 82 Resp: 944119

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	50.6	46.9	70.3

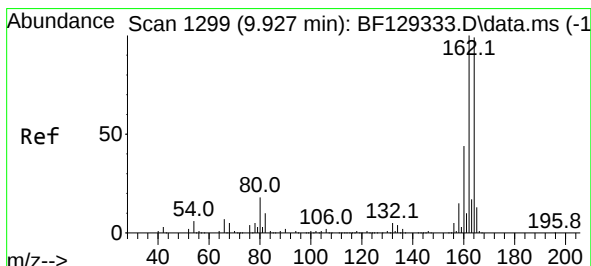
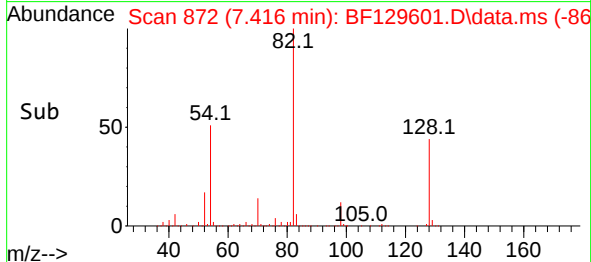
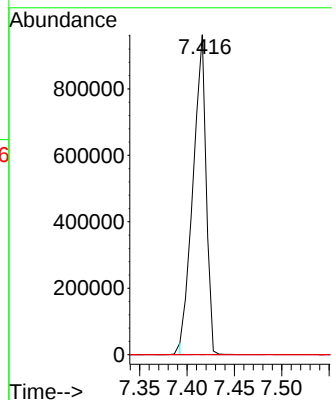
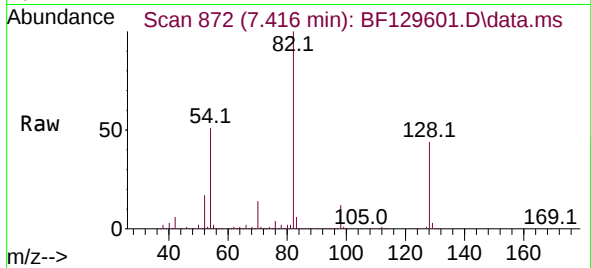




#25
Isophorone
Concen: 42.025 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

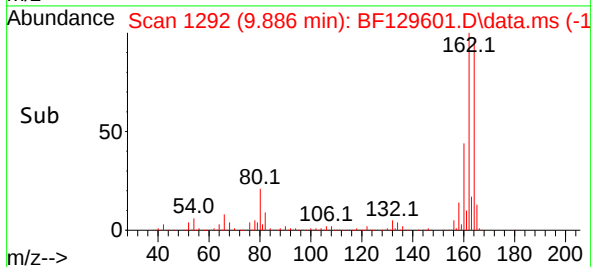
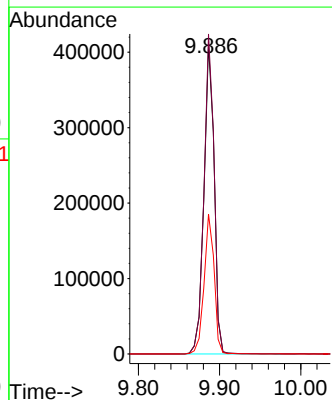
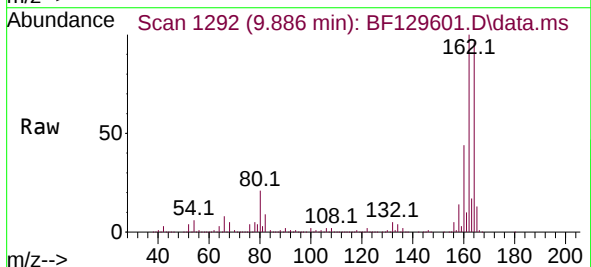
Instrument :
BNA_F
ClientSampleId :
RVE-177

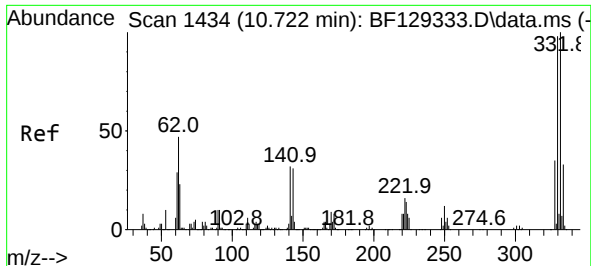
Tgt Ion: 82 Resp: 929241
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

Tgt Ion: 164 Resp: 359754
Ion Ratio Lower Upper
164 100
162 103.6 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 116.776 ng

RT: 10.686 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129601.D

Acq: 05 Aug 2022 15:00

Instrument :

BNA_F

ClientSampleId :

RVE-177

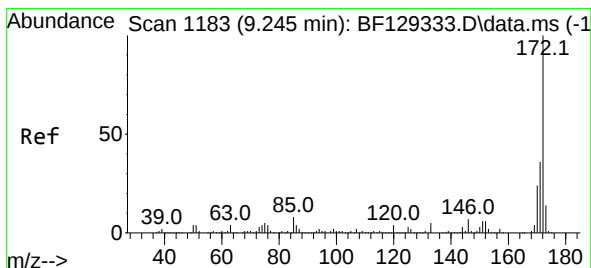
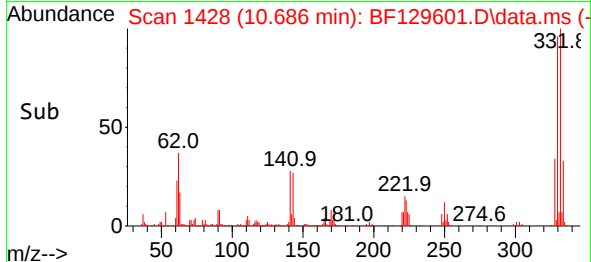
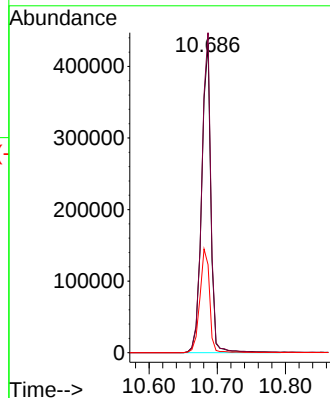
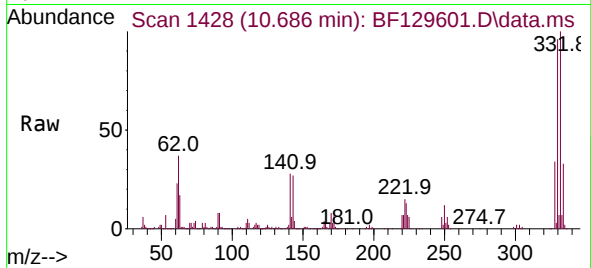
Tgt Ion:330 Resp: 403902

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 74.689 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF129601.D

Acq: 05 Aug 2022 15:00

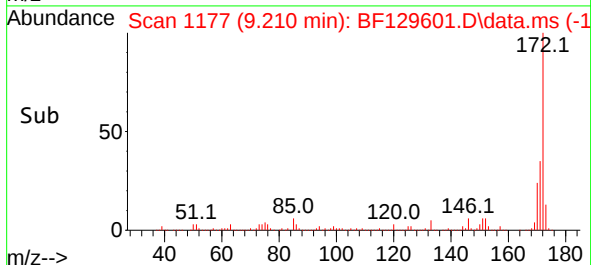
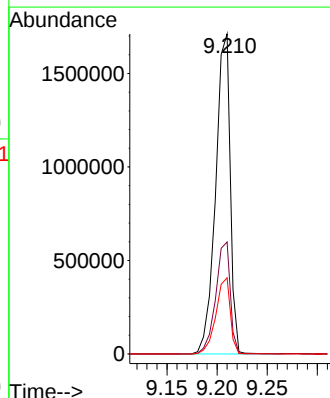
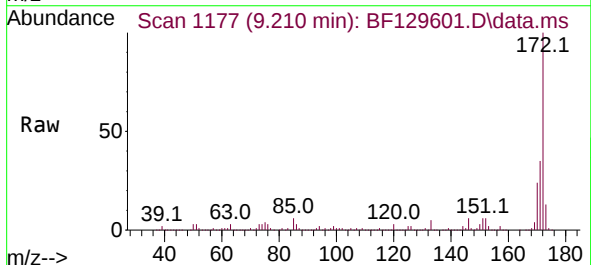
Tgt Ion:172 Resp: 1736937

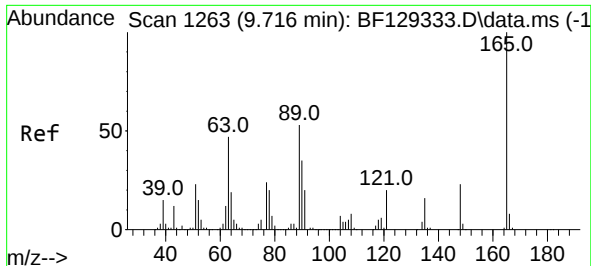
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.8 19.8 29.8

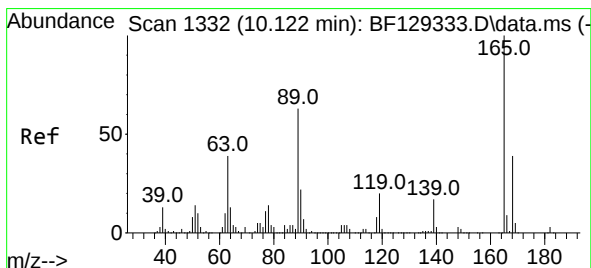
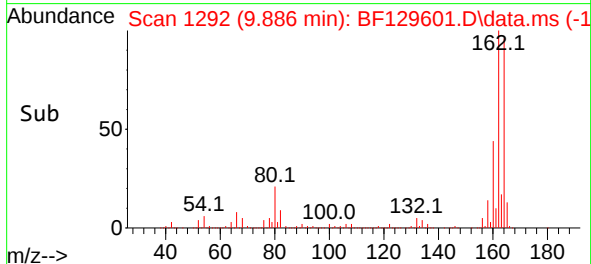
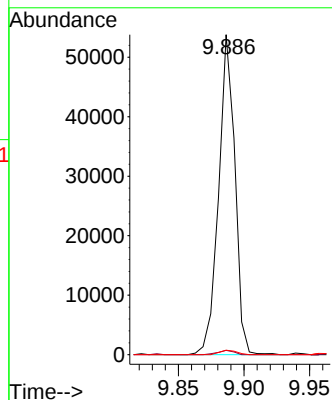
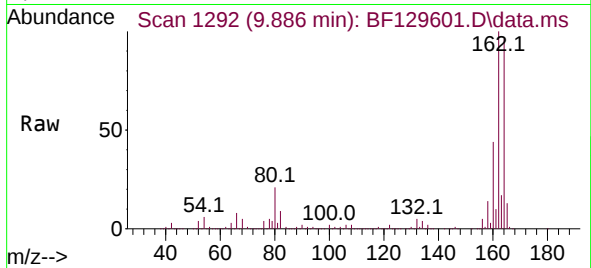




#51
2,6-Dinitrotoluene
Concen: 8.352 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

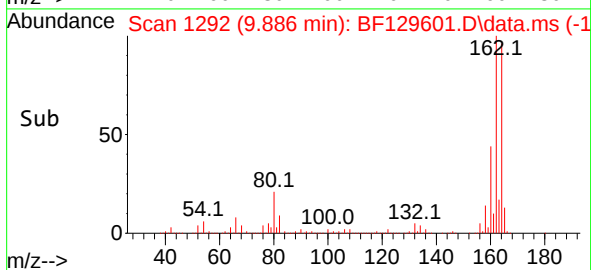
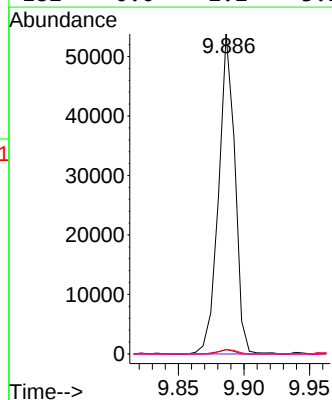
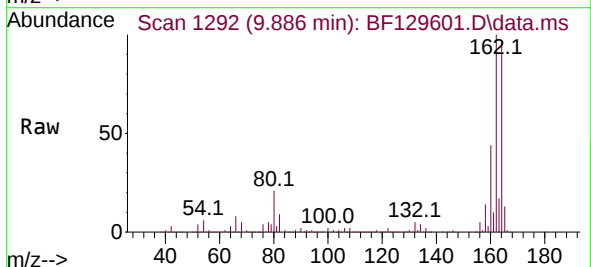
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RVE-177

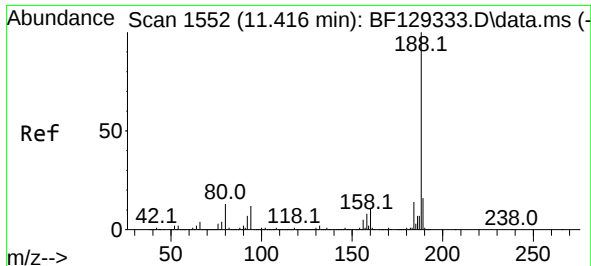
Tgt Ion:165 Resp: 46424
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.393 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

Tgt Ion:165 Resp: 46424
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

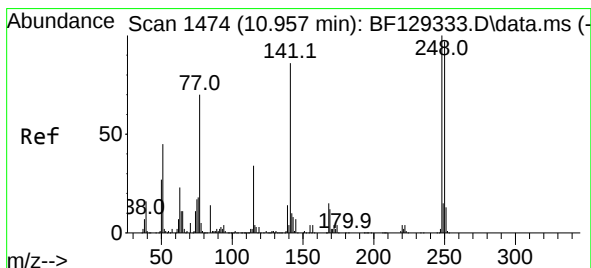
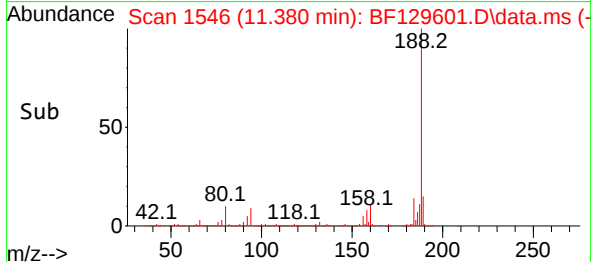
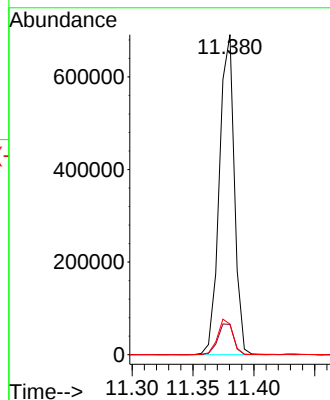
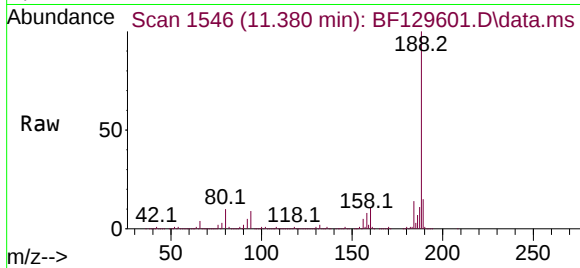




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

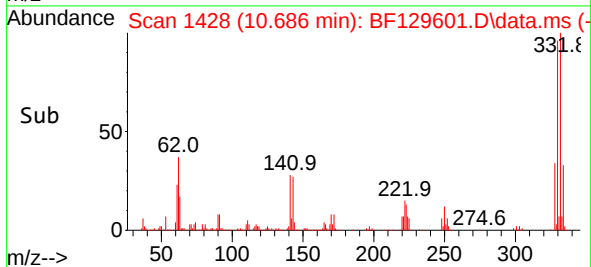
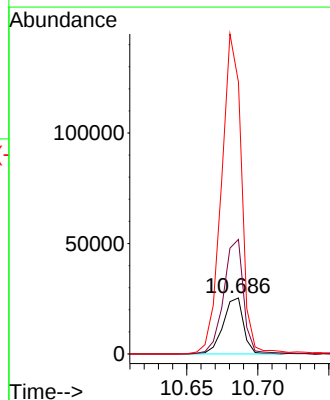
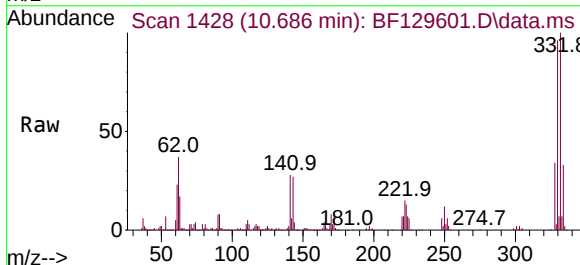
Instrument :
BNA_F
ClientSampleId :
RVE-177

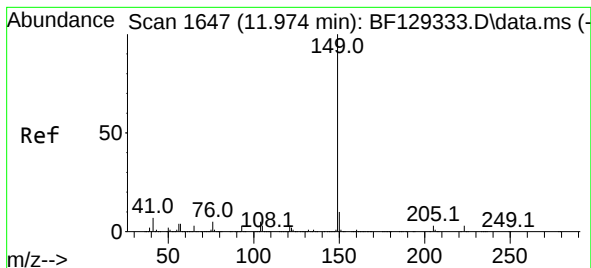
Tgt Ion:188 Resp: 594927
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.871 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.235 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

Tgt Ion:248 Resp: 25217
Ion Ratio Lower Upper
248 100
250 204.5 80.6 120.8#
141 485.0 58.9 88.3#





#74

Di-n-butylphthalate

Concen: 2.717 ng

RT: 11.927 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129601.D

Acq: 05 Aug 2022 15:00

Instrument :

BNA_F

ClientSampleId :

RVE-177

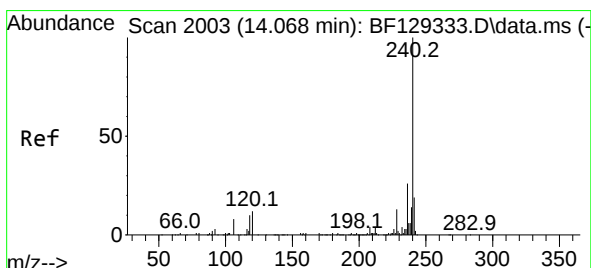
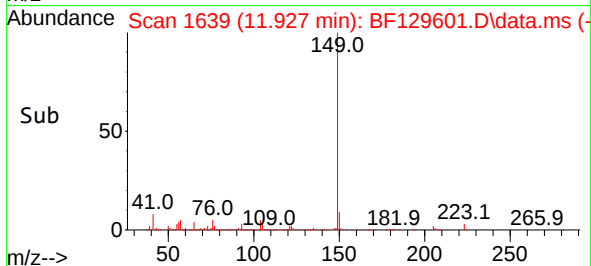
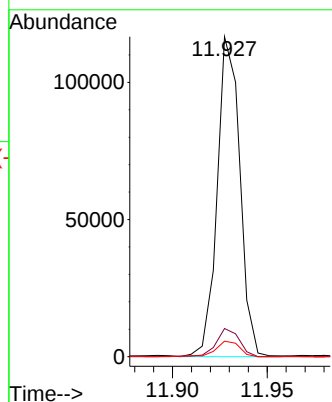
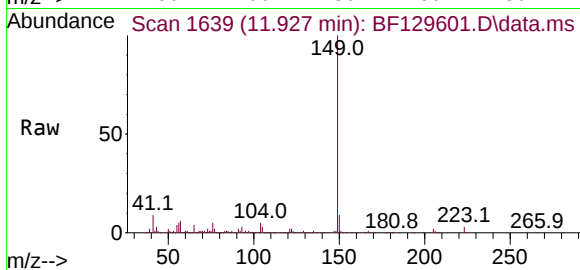
Tgt Ion:149 Resp: 97216

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

104 4.9 4.4 6.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF129601.D

Acq: 05 Aug 2022 15:00

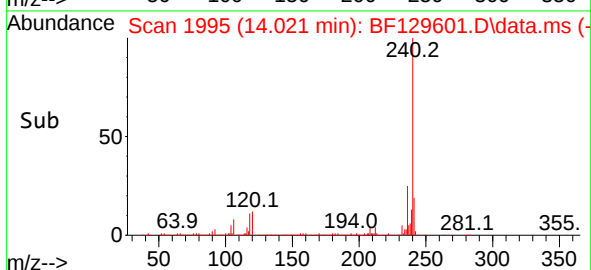
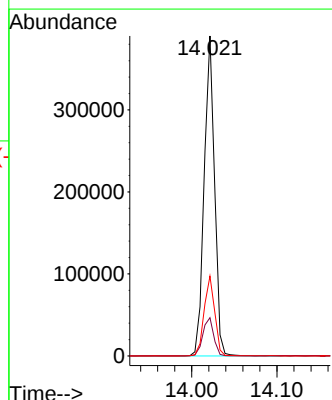
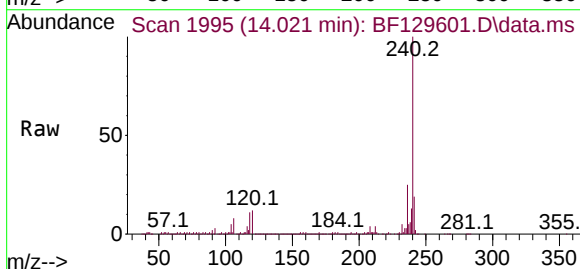
Tgt Ion:240 Resp: 329703

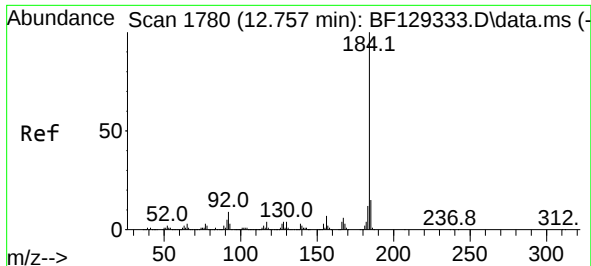
Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

236 25.0 20.8 31.2

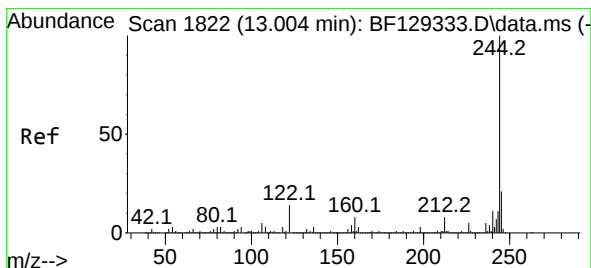
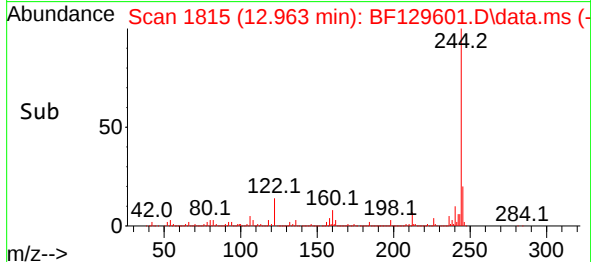
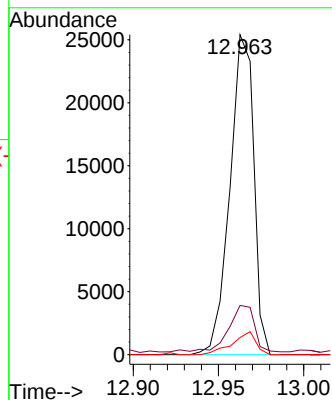
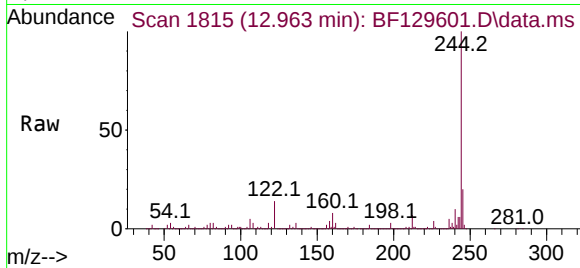




#77
Benzidine
Concen: 2.129 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

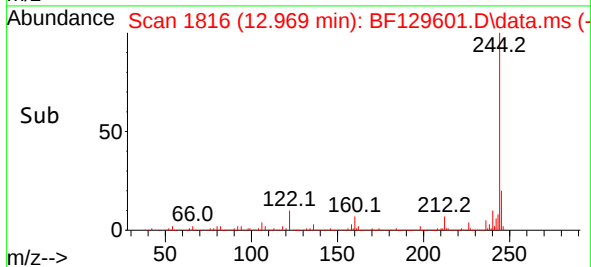
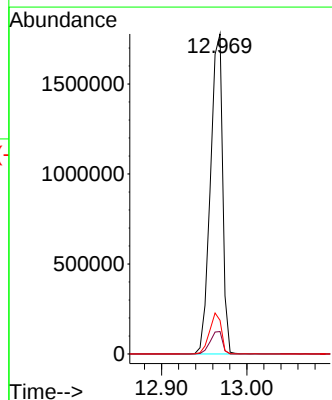
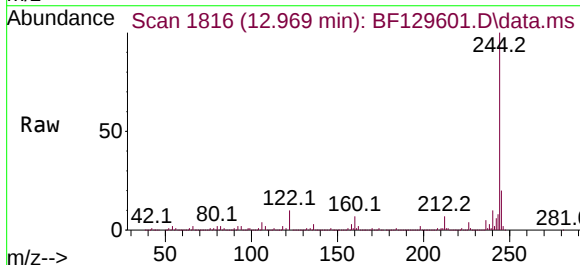
Instrument :
BNA_F
ClientSampleId :
RVE-177

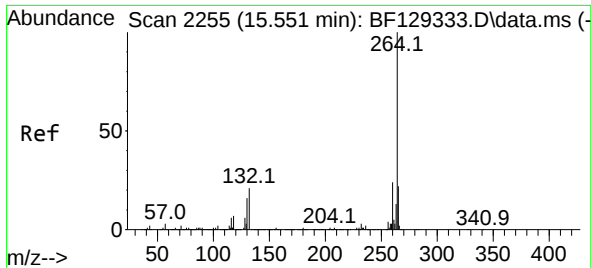
Tgt Ion:184 Resp: 24800
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 5.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 100.905 ng
RT: 12.969 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

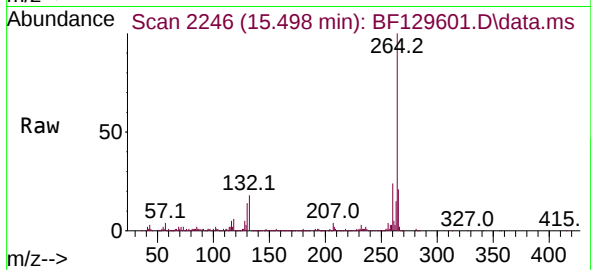
Tgt Ion:244 Resp: 1763440
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 10.5 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129601.D
Acq: 05 Aug 2022 15:00

Instrument :
BNA_F
ClientSampleId :
RVE-177



Tgt Ion:264 Resp: 274586
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 21.2 17.2 25.8

