

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129665.D
 Acq On : 09 Aug 2022 14:12
 Operator : CG\JU
 Sample : N3962-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-196

Quant Time: Aug 09 15:17:44 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)

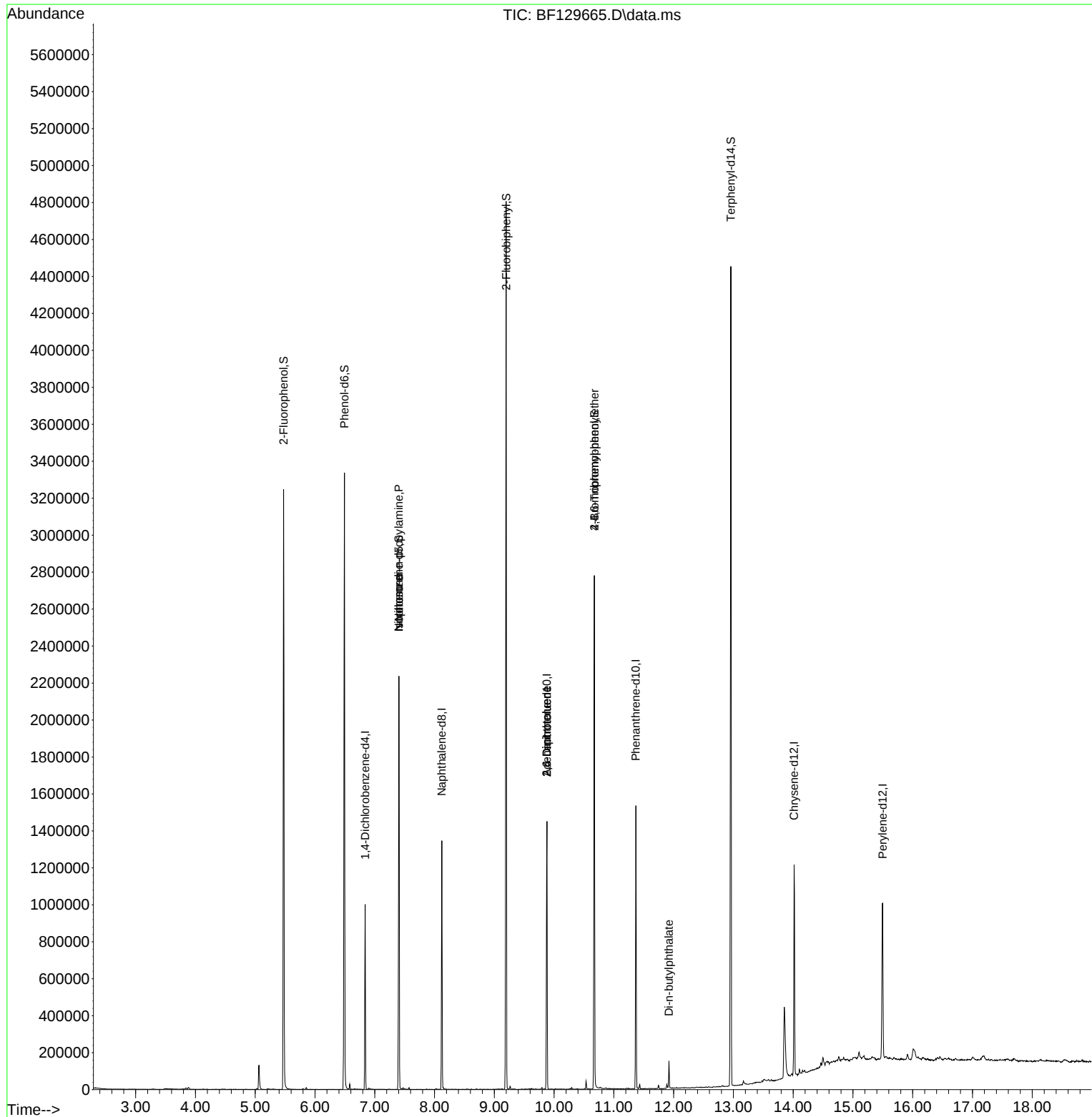
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	132267	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	528278	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	283696	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	480388	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	379825	20.000	ng	#-0.01
86) Perylene-d12	15.498	264	392549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	860741	106.009	ng	0.00
7) Phenol-d6	6.492	99	1071619	105.001	ng	-0.01
23) Nitrobenzene-d5	7.404	82	677257	69.983	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	302090	110.756	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1328675	72.451	ng	-0.01
79) Terphenyl-d14	12.957	244	1458263	72.432	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	91562	14.820	ng	# 73
25) Isophorone	7.404	82	674782	38.899	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	36977	8.436	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	36977	6.457	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	18784	3.571	ng	# 1
74) Di-n-butylphthalate	11.922	149	61069	2.114	ng	98

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

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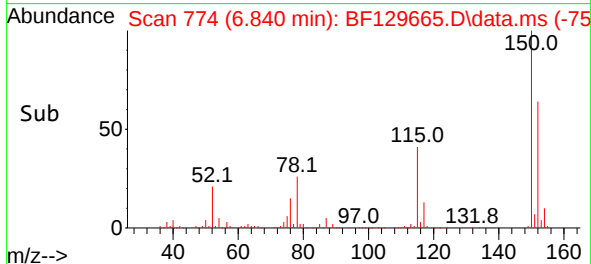
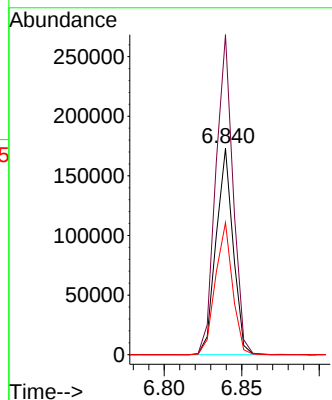
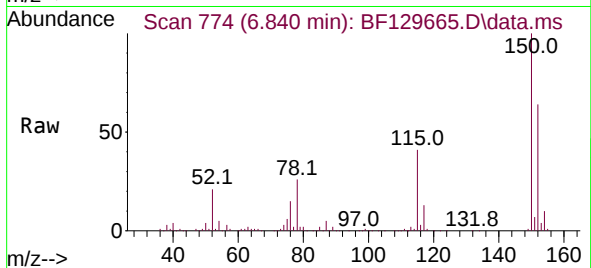




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129665.D
 Acq: 09 Aug 2022 14:12

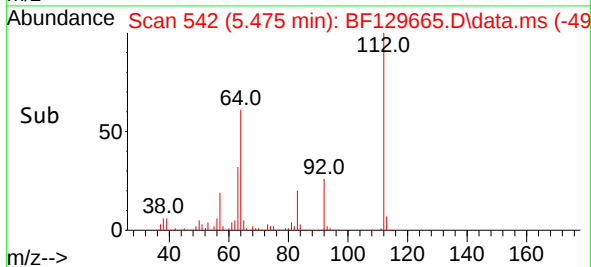
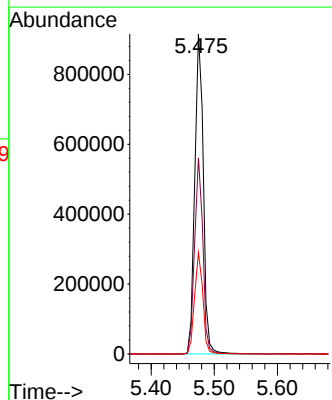
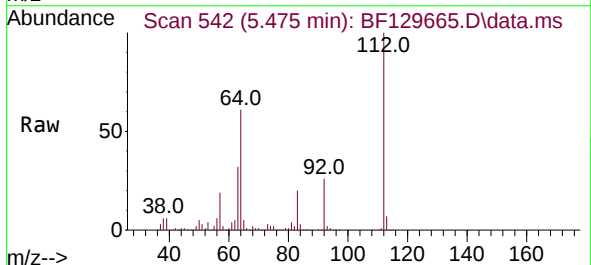
Instrument :
 BNA_F
 ClientSampleId :
 RVE-196

Tgt Ion:152 Resp: 132267
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.7 185.5
 115 64.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 106.009 ng
 RT: 5.475 min Scan# 542
 Delta R.T. -0.006 min
 Lab File: BF129665.D
 Acq: 09 Aug 2022 14:12

Tgt Ion:112 Resp: 860741
 Ion Ratio Lower Upper
 112 100
 64 61.3 53.3 79.9
 63 31.6 28.0 42.0

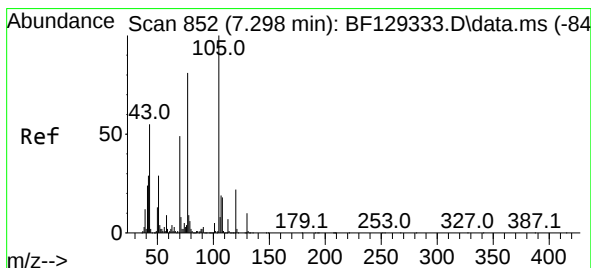
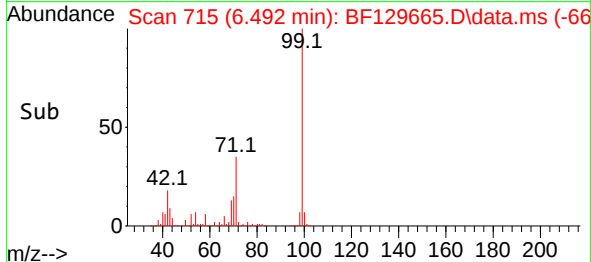
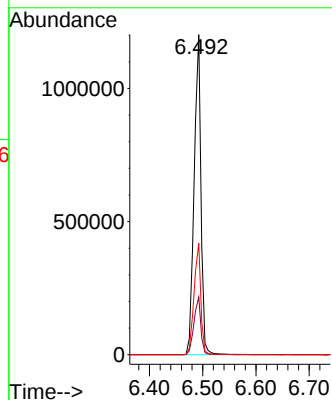
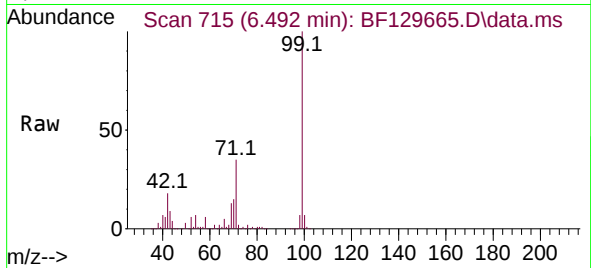




#7
Phenol-d6
Concen: 105.001 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129665.D
Acq: 09 Aug 2022 14:12

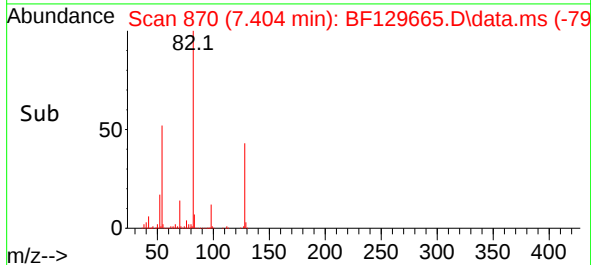
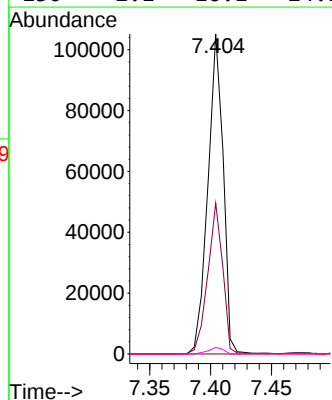
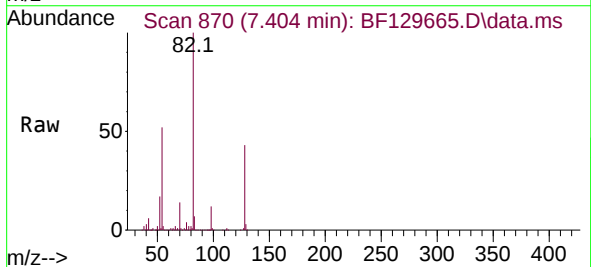
Instrument :
BNA_F
ClientSampleId :
RVE-196

Tgt Ion: 99 Resp: 1071619
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 34.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.820 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129665.D
Acq: 09 Aug 2022 14:12

Tgt Ion: 70 Resp: 91562
Ion Ratio Lower Upper
70 100
42 47.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



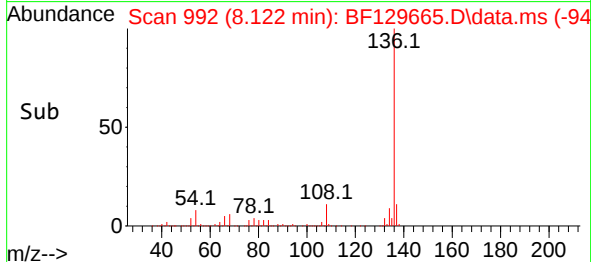
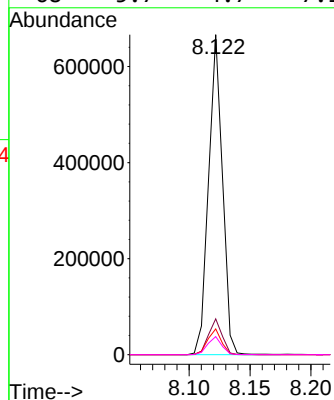
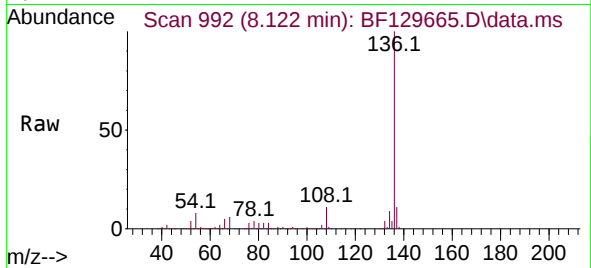


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129665.D
Acq: 09 Aug 2022 14:12

Instrument :
BNA_F
ClientSampleId :
RVE-196

Tgt Ion:136 Resp: 528278

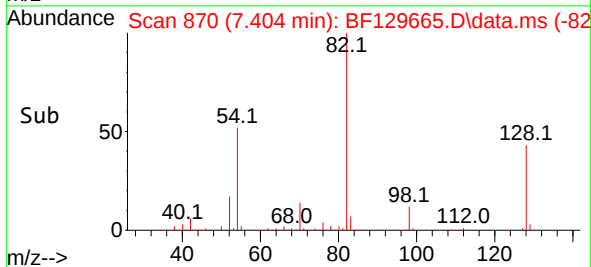
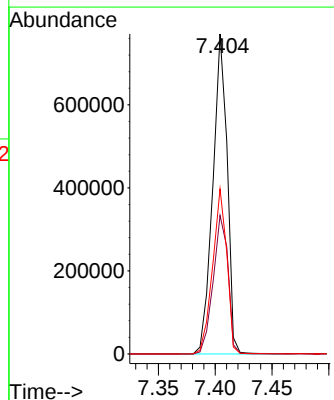
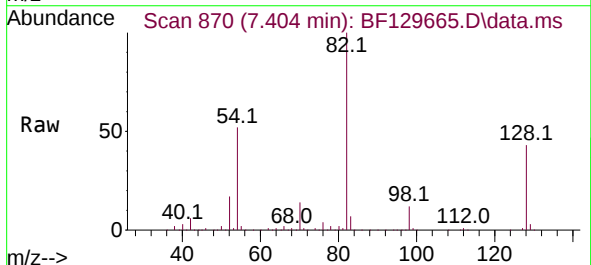
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.0	7.5	11.3
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 69.983 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129665.D
Acq: 09 Aug 2022 14:12

Tgt Ion: 82 Resp: 677257

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	51.6	46.9	70.3

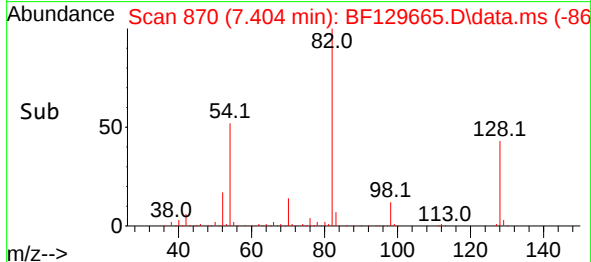
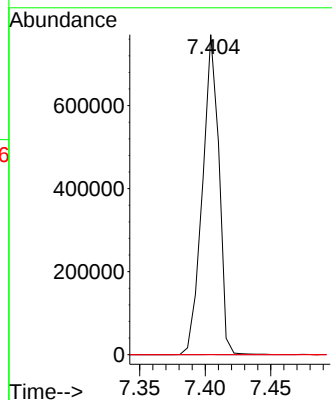
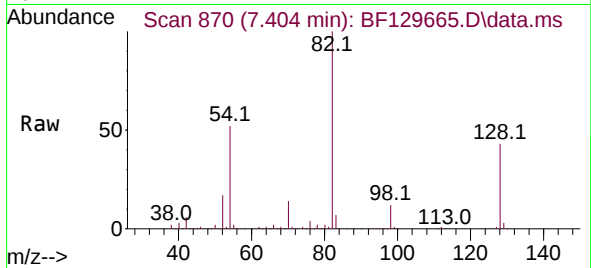




#25
Isophorone
Concen: 38.899 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129665.D
Acq: 09 Aug 2022 14:12

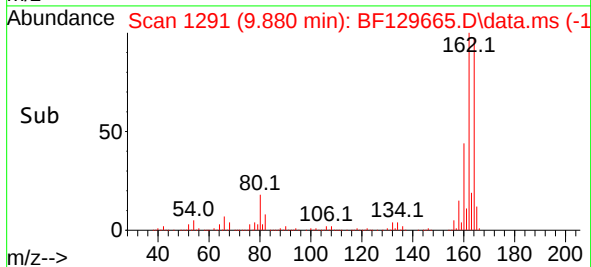
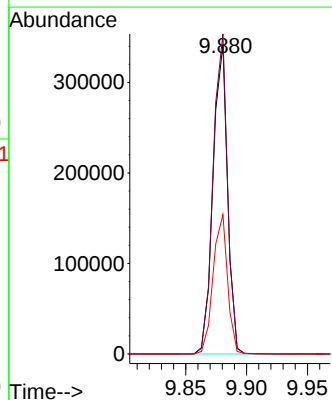
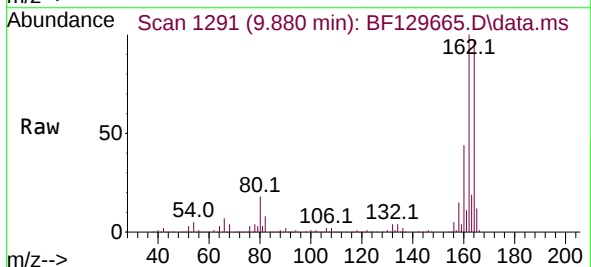
Instrument :
BNA_F
ClientSampleId :
RVE-196

Tgt Ion: 82 Resp: 674782
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: BF129665.D
Acq: 09 Aug 2022 14:12

Tgt Ion:164 Resp: 283696
Ion Ratio Lower Upper
164 100
162 103.4 79.5 119.3
160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 110.756 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129665.D

Acq: 09 Aug 2022 14:12

Instrument :

BNA_F

ClientSampleId :

RVE-196

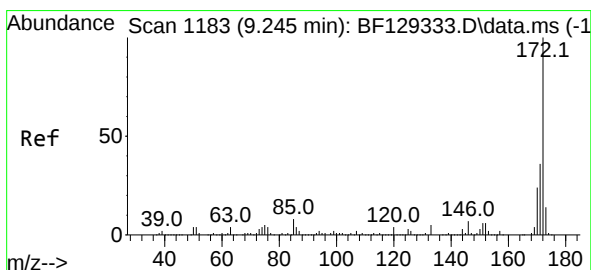
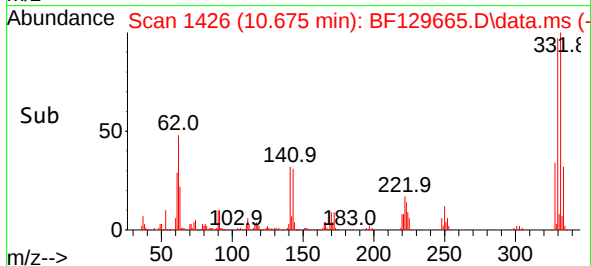
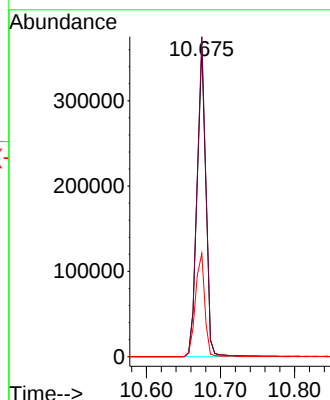
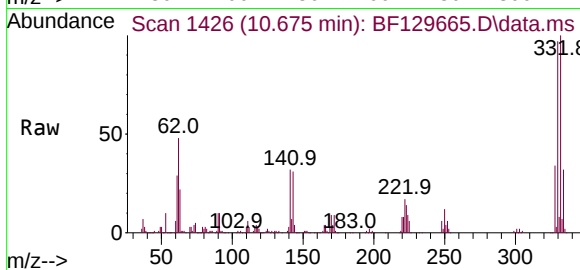
Tgt Ion:330 Resp: 302090

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 72.451 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129665.D

Acq: 09 Aug 2022 14:12

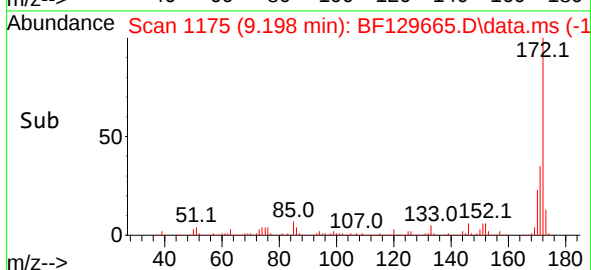
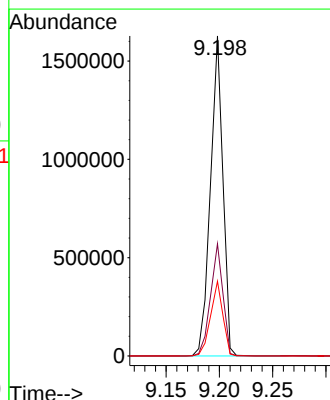
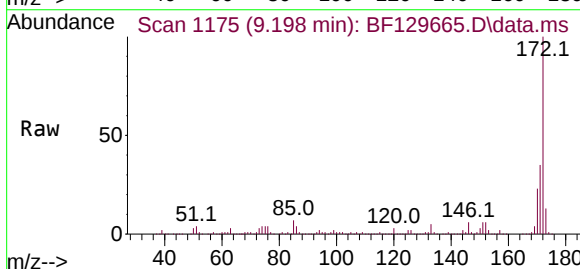
Tgt Ion:172 Resp: 1328675

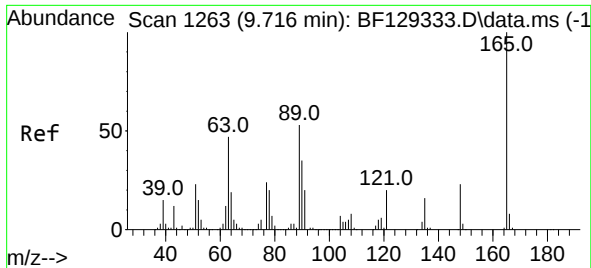
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.4 19.8 29.8

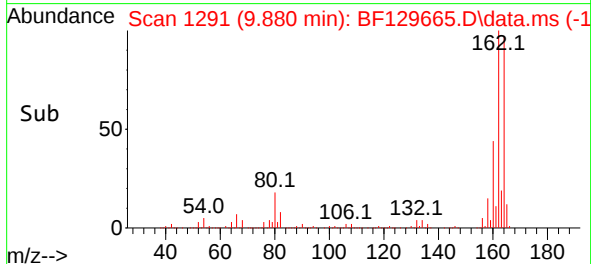
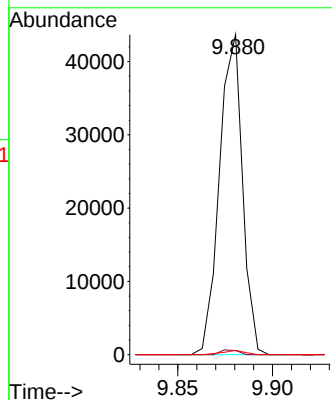
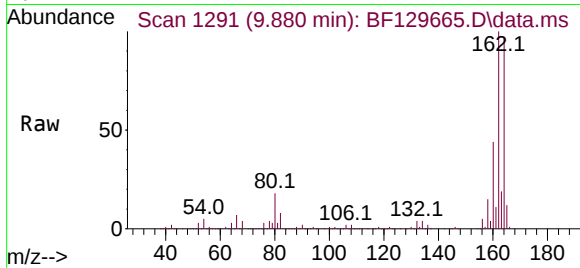




#51
2,6-Dinitrotoluene
Concen: 8.436 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF129665.D
Acq: 09 Aug 2022 14:12

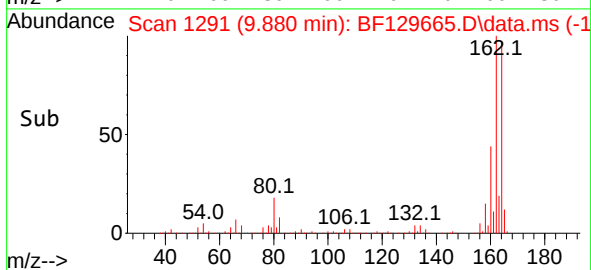
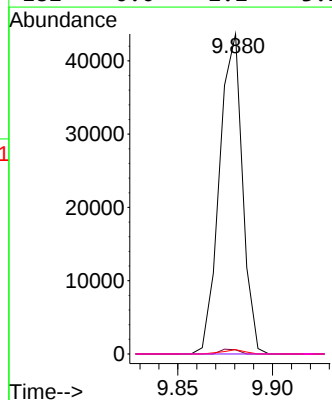
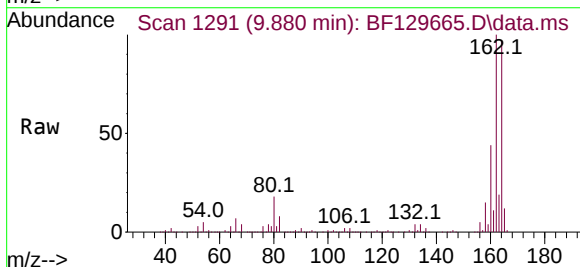
Instrument :
BNA_F
ClientSampleId :
RVE-196

Tgt Ion:165 Resp: 36977
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.457 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.206 min
Lab File: BF129665.D
Acq: 09 Aug 2022 14:12

Tgt Ion:165 Resp: 36977
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

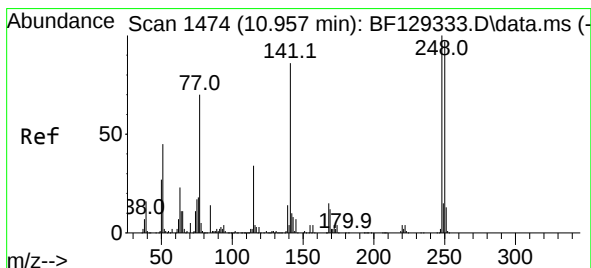
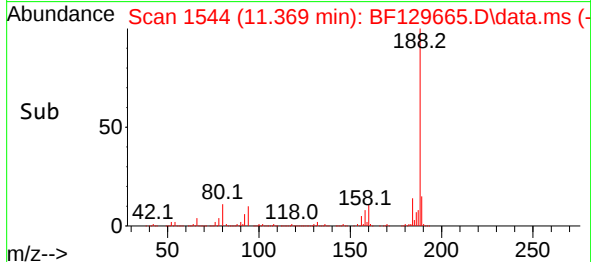
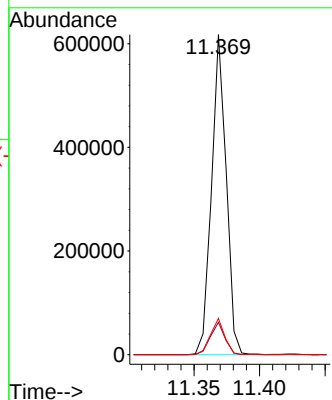
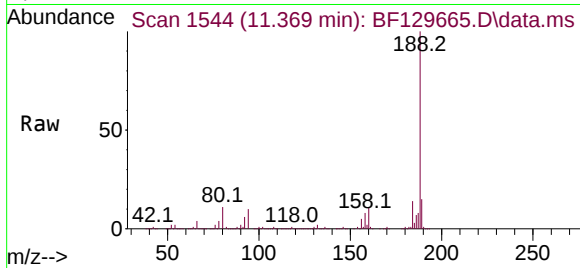




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129665.D
Acq: 09 Aug 2022 14:12

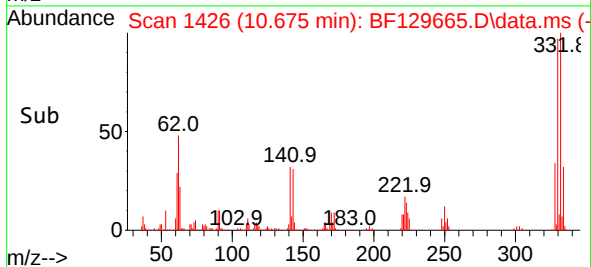
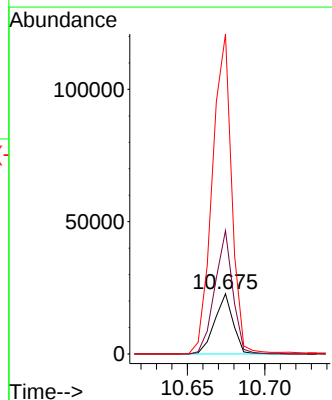
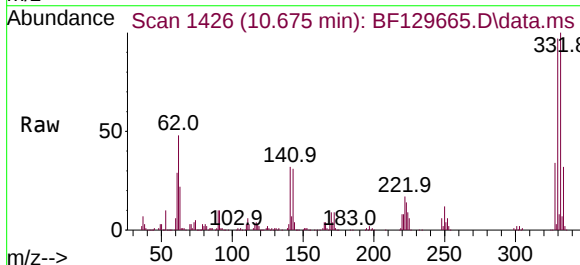
Instrument :
BNA_F
ClientSampleId :
RVE-196

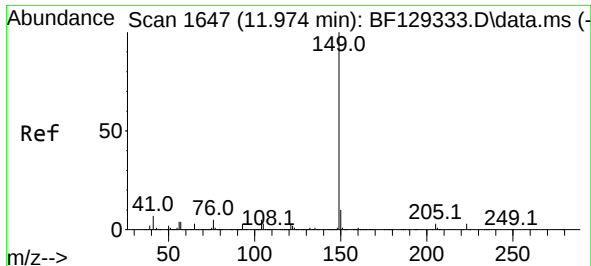
Tgt Ion:188 Resp: 480388
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.571 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129665.D
Acq: 09 Aug 2022 14:12

Tgt Ion:248 Resp: 18784
Ion Ratio Lower Upper
248 100
250 205.3 80.6 120.8#
141 532.3 58.9 88.3#

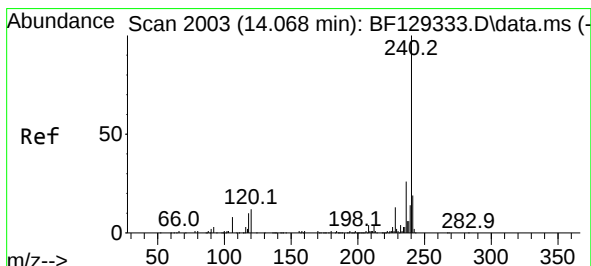
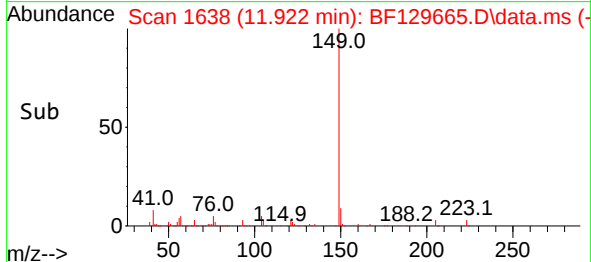
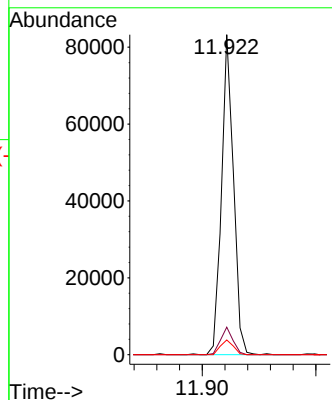
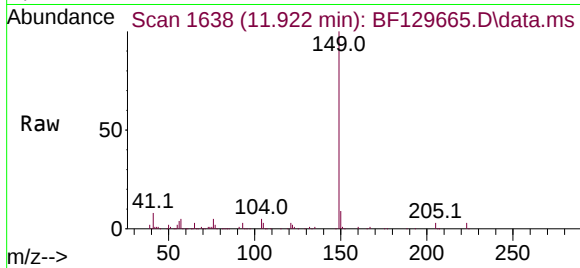




#74
Di-n-butylphthalate
Concen: 2.114 ng
RT: 11.922 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF129665.D
Acq: 09 Aug 2022 14:12

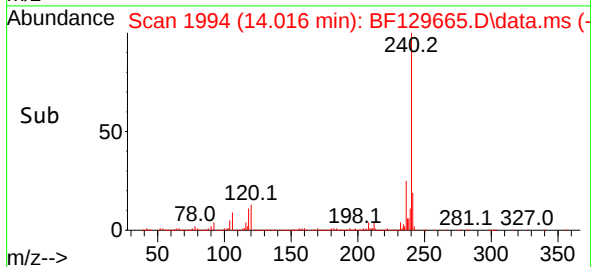
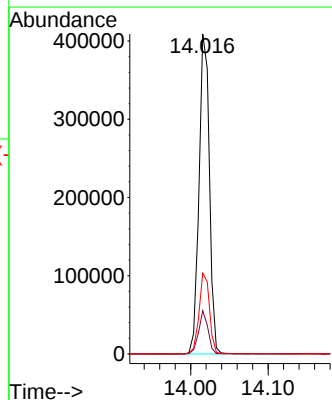
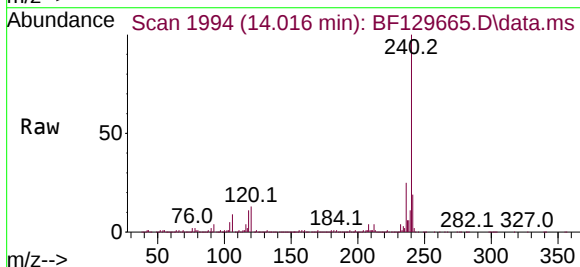
Instrument :
BNA_F
ClientSampleId :
RVE-196

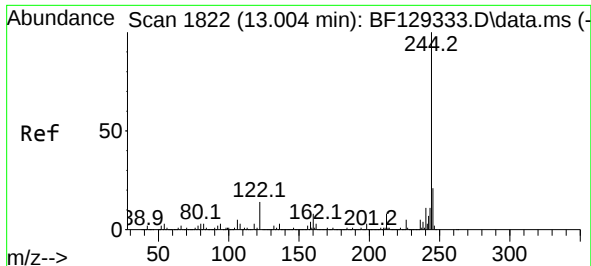
Tgt Ion:149 Resp: 61069
Ion Ratio Lower Upper
149 100
150 8.6 7.5 11.3
104 4.6 4.4 6.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129665.D
Acq: 09 Aug 2022 14:12

Tgt Ion:240 Resp: 379825
Ion Ratio Lower Upper
240 100
120 13.5 8.9 13.3#
236 25.3 20.8 31.2

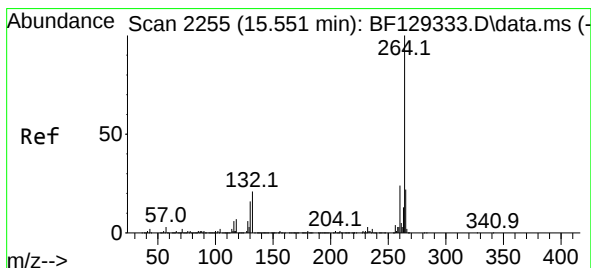
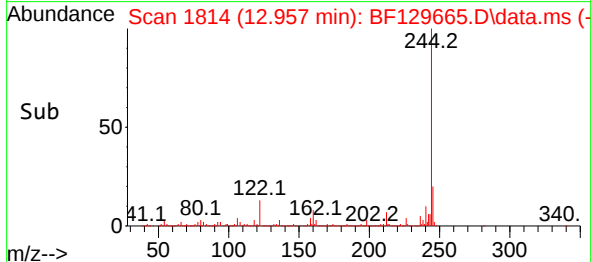
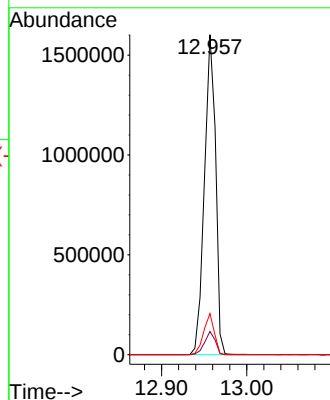
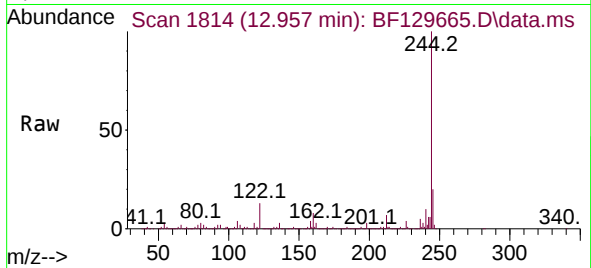




#79
 Terphenyl-d14
 Concen: 72.432 ng
 RT: 12.957 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF129665.D
 Acq: 09 Aug 2022 14:12

Instrument :
 BNA_F
 ClientSampleId :
 RVE-196

Tgt Ion:244 Resp: 1458263
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF129665.D
 Acq: 09 Aug 2022 14:12

Tgt Ion:264 Resp: 392549
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.2 17.2 25.8

