

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129912.D
 Acq On : 19 Aug 2022 15:12
 Operator : CG\JU
 Sample : N4225-01RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-70-1

Quant Time: Aug 20 07:44:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

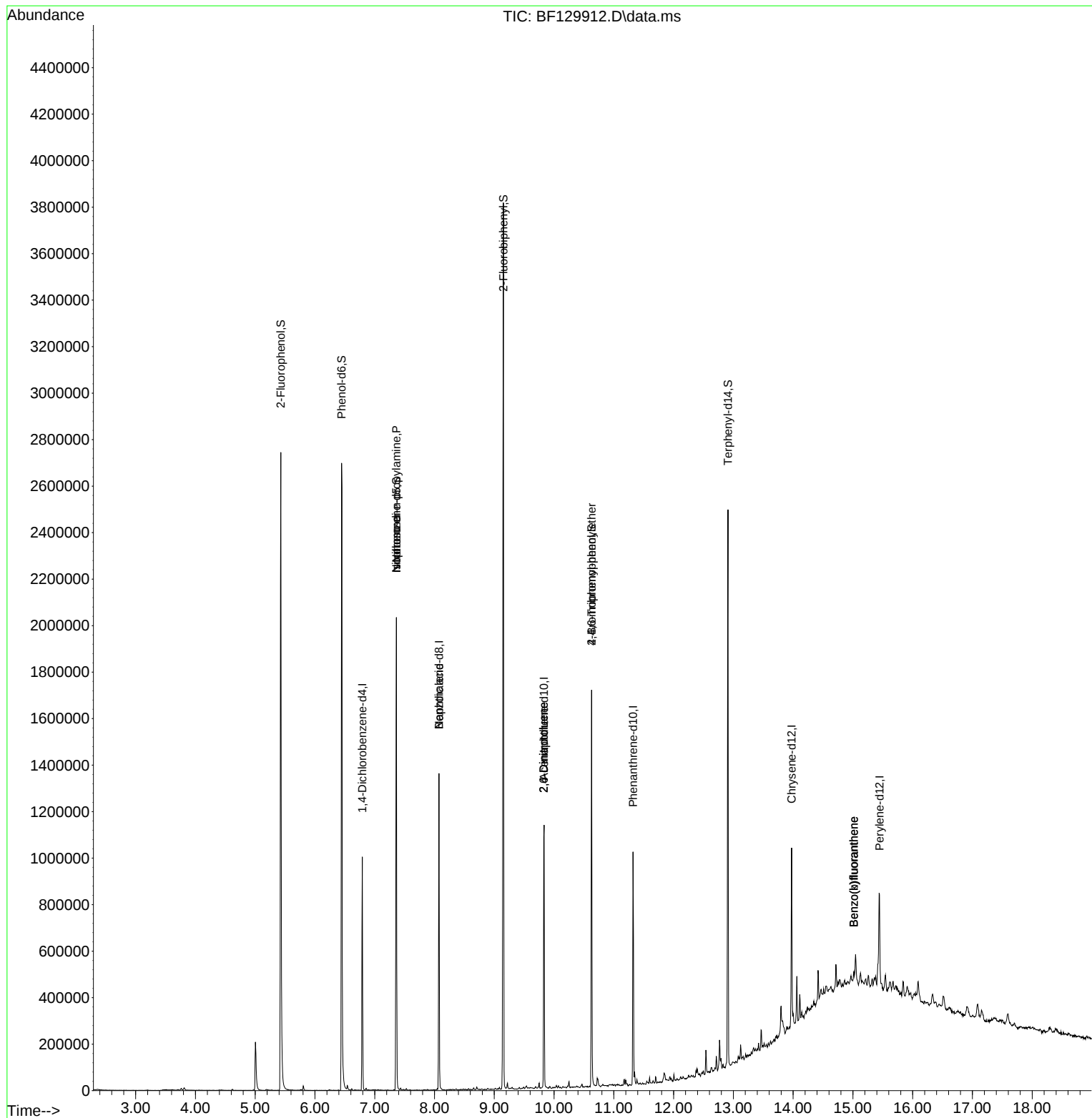
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	137789	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	519693	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	240119	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	322929	20.000	ng	0.00
76) Chrysene-d12	13.975	240	243232	20.000	ng	0.00
86) Perylene-d12	15.445	264	193788	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	792772	95.261	ng	0.00
7) Phenol-d6	6.446	99	969937	93.070	ng	0.00
23) Nitrobenzene-d5	7.363	82	615319	63.382	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	178908	74.237	ng	0.00
45) 2-Fluorobiphenyl	9.152	172	1046209	66.175	ng	0.00
79) Terphenyl-d14	12.910	244	756975	51.784	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.346	77	53	Below Cal	#	25
19) n-Nitroso-di-n-propyla...	7.363	70	80718	12.253	ng	# 76
25) Isophorone	7.363	82	615313	36.825	ng	# 65
32) Benzoic acid	8.075	122	105	2.193	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	32339	8.661	ng	# 22
57) 2,4-Dinitrotoluene	9.828	165	32339	6.672	ng	# 17
67) 4-Bromophenyl-phenylether	10.628	248	11348	3.000	ng	# 1
77) Benzidine	12.710	184	360	Below Cal	#	1
88) Benzo(b)fluoranthene	15.016	252	30636	2.309	ng	# 73
89) Benzo(k)fluoranthene	15.016	252	30636	2.407	ng	# 73

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

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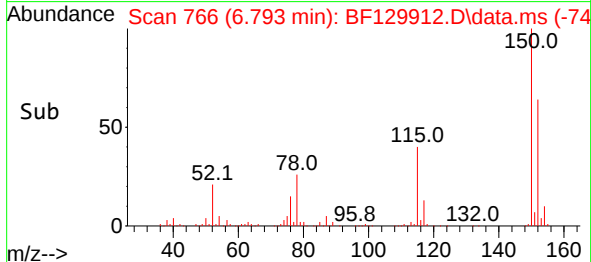
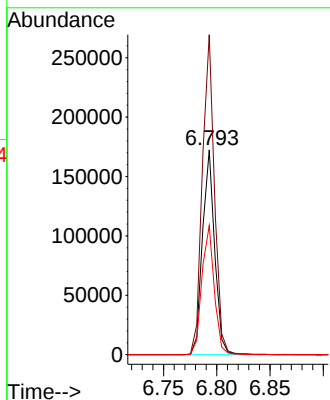
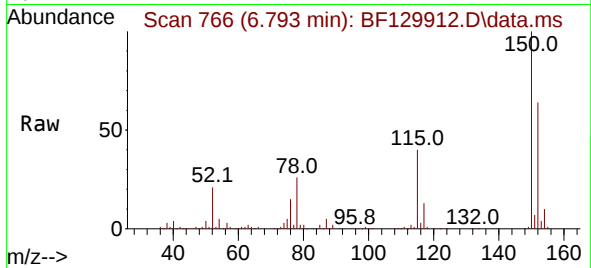




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

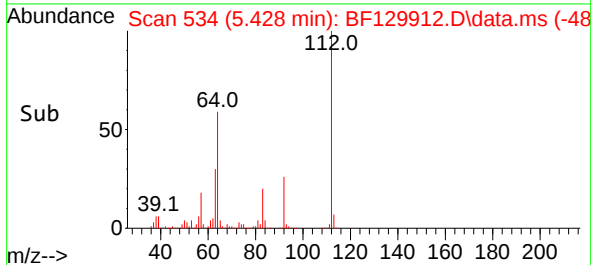
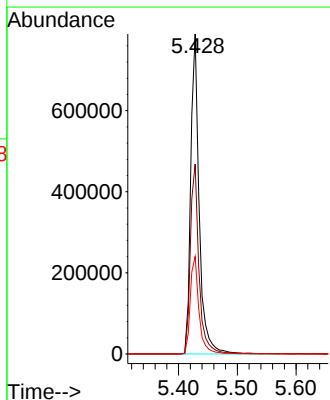
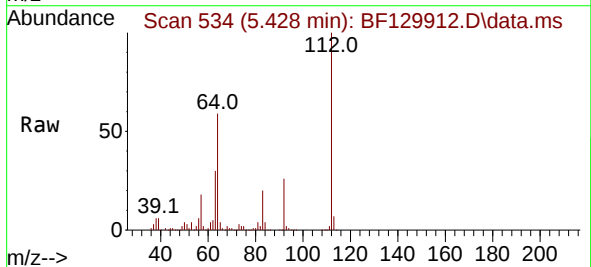
Instrument :
BNA_F
ClientSampleId :
R-70-1

Tgt Ion:152 Resp: 137789
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 63.0 53.4 80.0



#5
2-Fluorophenol
Concen: 95.261 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.001 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

Tgt Ion:112 Resp: 792772
Ion Ratio Lower Upper
112 100
64 59.3 47.6 71.4
63 30.5 24.6 37.0

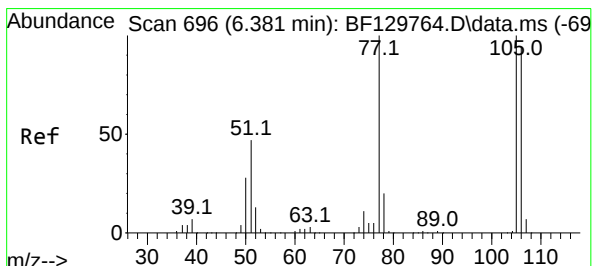
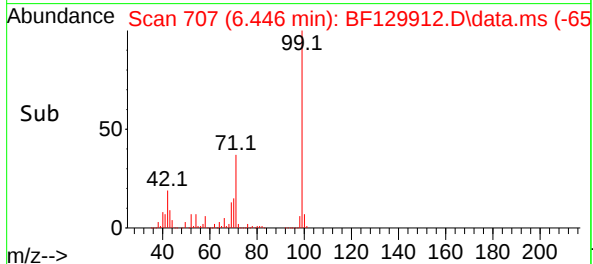
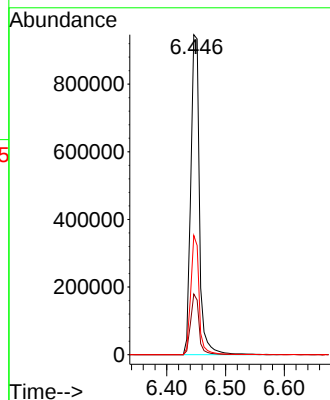
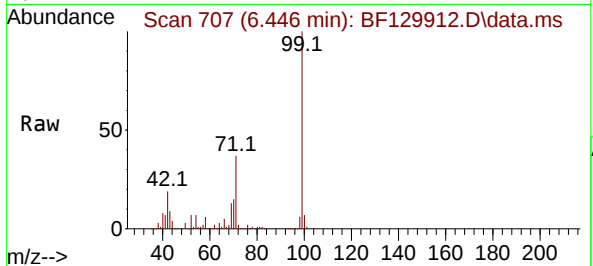




#7
Phenol-d6
Concen: 93.070 ng
RT: 6.446 min Scan# 70
Delta R.T. -0.005 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

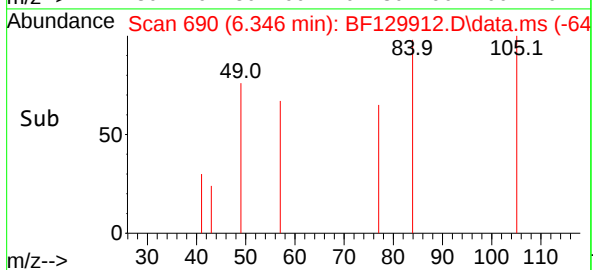
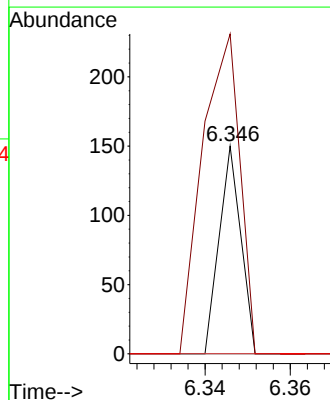
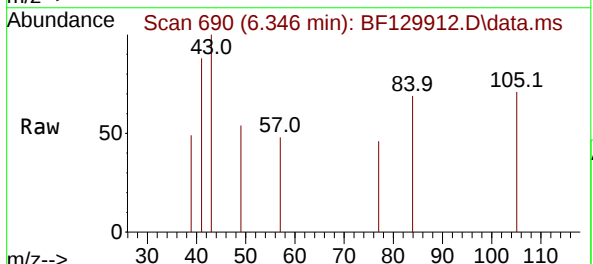
Instrument :
BNA_F
ClientSampleId :
R-70-1

Tgt Ion: 99 Resp: 969937
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 37.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.346 min Scan# 690
Delta R.T. -0.005 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

Tgt Ion: 77 Resp: 53
Ion Ratio Lower Upper
77 100
105 154.0 80.3 120.3#
106 0.0 74.3 114.3#

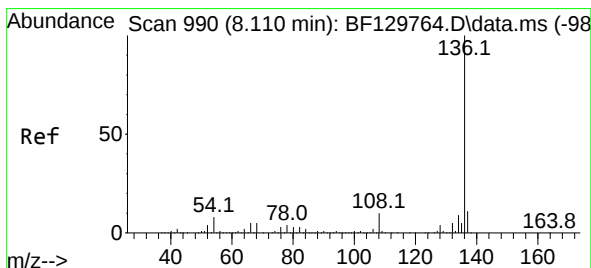
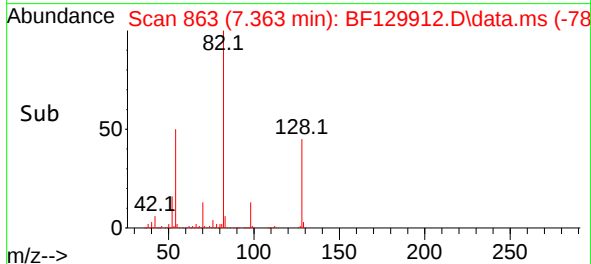
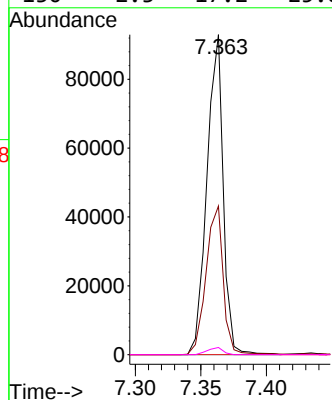
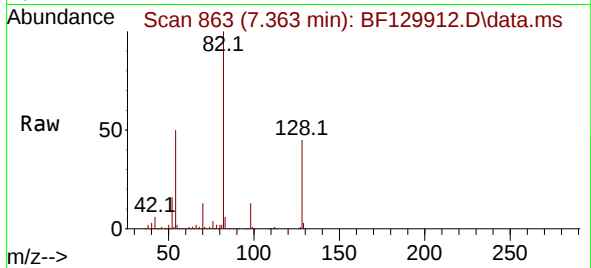




#19
n-Nitroso-di-n-propylamine
Concen: 12.253 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

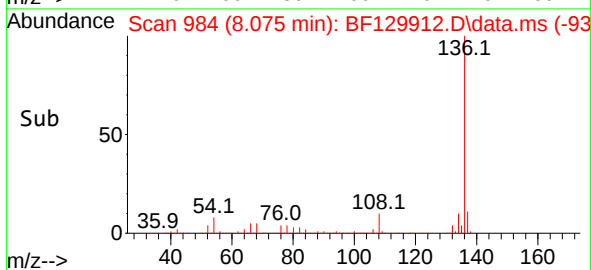
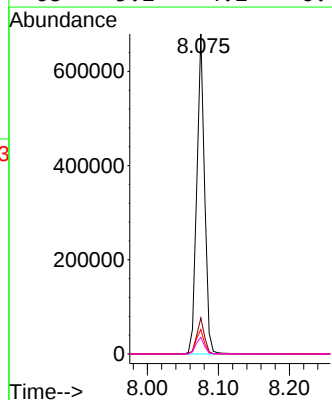
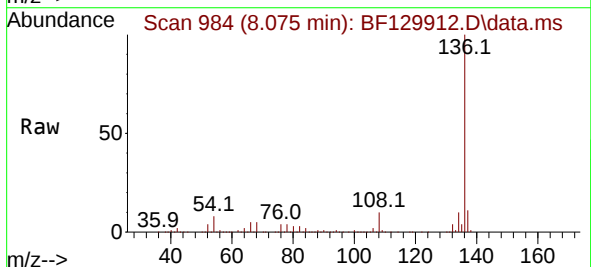
Instrument :
BNA_F
ClientSampleId :
R-70-1

Tgt Ion: 70 Resp: 80718
Ion Ratio Lower Upper
70 100
42 46.5 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.005 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

Tgt Ion: 136 Resp: 519693
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.7 6.2 9.2
68 5.2 4.2 6.4

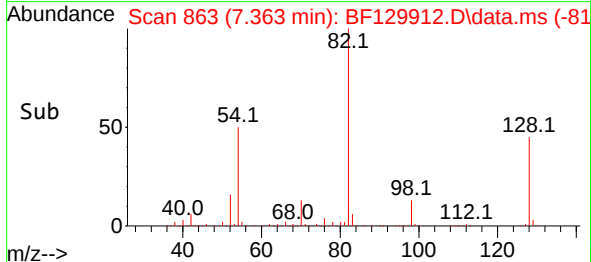
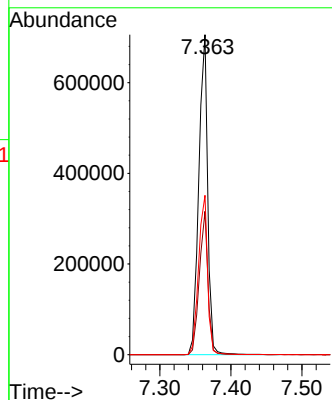
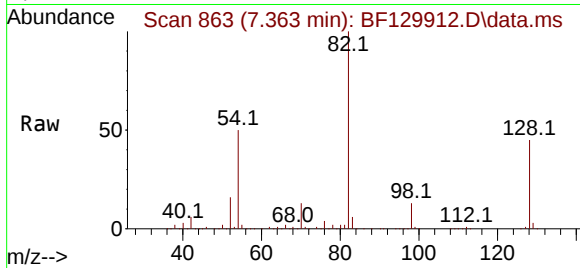




#23
Nitrobenzene-d5
Concen: 63.382 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

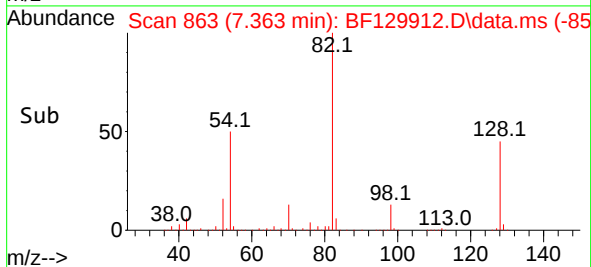
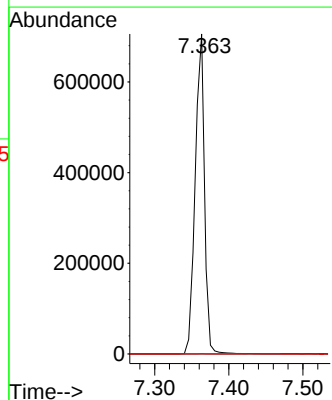
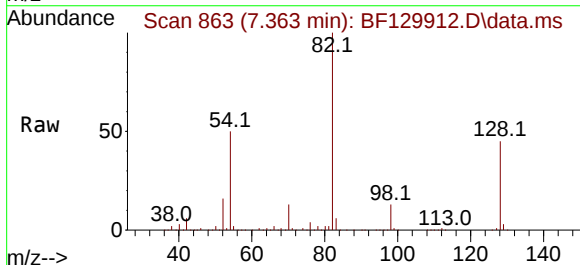
Instrument :
BNA_F
ClientSampleId :
R-70-1

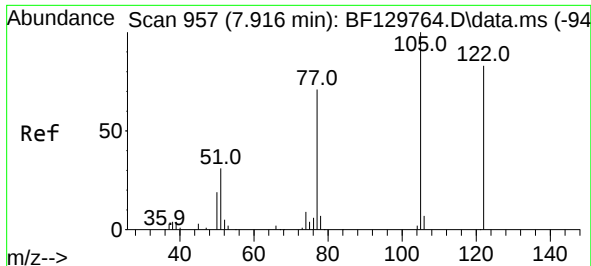
Tgt Ion: 82 Resp: 615319
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 49.8 40.0 60.0



#25
Isophorone
Concen: 36.825 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.258 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

Tgt Ion: 82 Resp: 615313
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

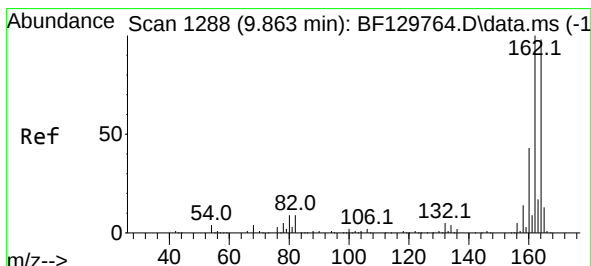
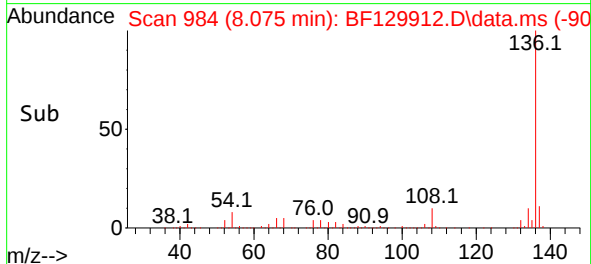
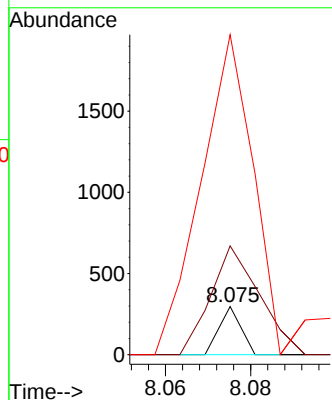
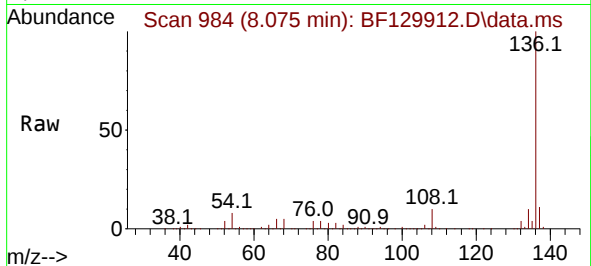




#32
Benzoic acid
Concen: 2.193 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.189 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

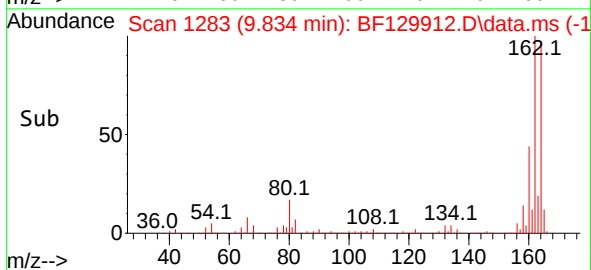
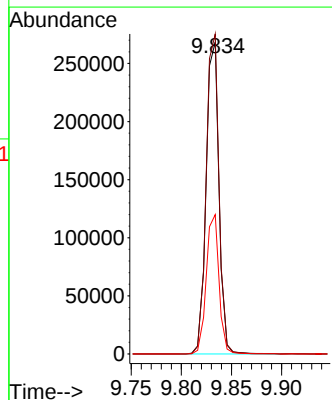
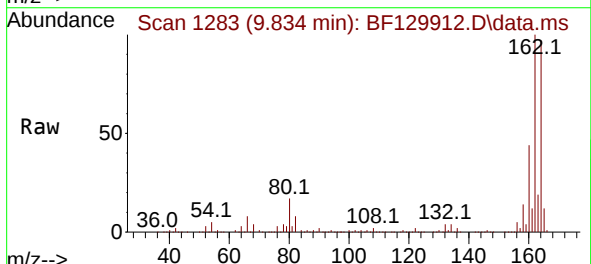
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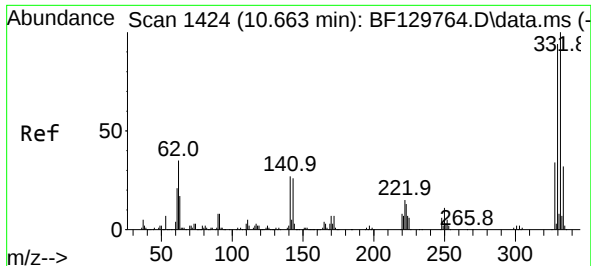
Tgt Ion:	122	Resp:	105
Ion	Ratio	Lower	Upper
122	100		
105	225.6	99.9	139.9#
77	663.6	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1283
Delta R.T. 0.001 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

Tgt Ion:	164	Resp:	240119
Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.0	123.0
160	44.7	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 74.237 ng

RT: 10.628 min Scan# 1418

Delta R.T. 0.001 min

Lab File: BF129912.D

Acq: 19 Aug 2022 15:12

Instrument :

BNA_F

ClientSampleId :

R-70-1

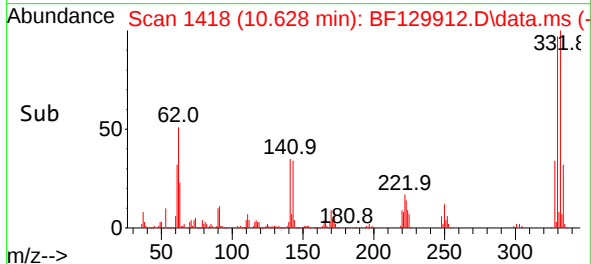
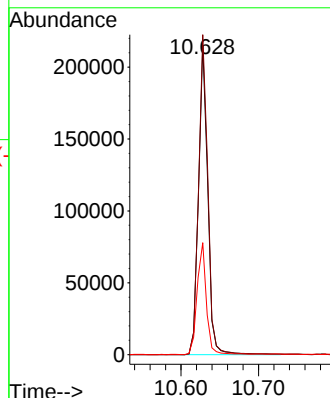
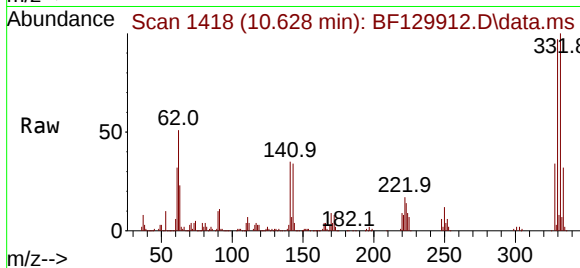
Tgt Ion:330 Resp: 178908

Ion Ratio Lower Upper

330 100

332 103.9 82.6 124.0

141 36.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 66.175 ng

RT: 9.152 min Scan# 1167

Delta R.T. 0.001 min

Lab File: BF129912.D

Acq: 19 Aug 2022 15:12

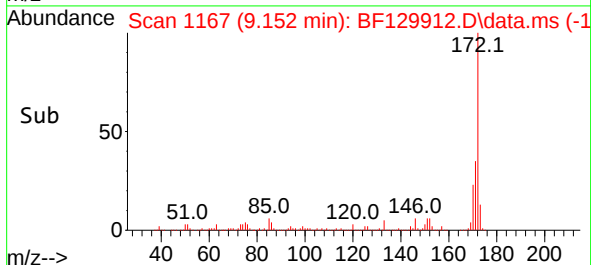
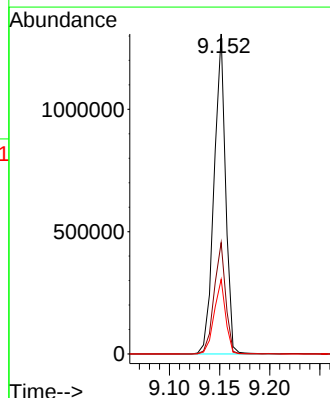
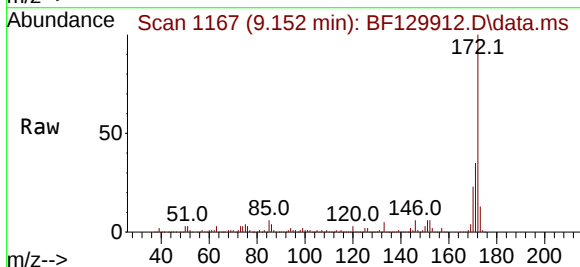
Tgt Ion:172 Resp: 1046209

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.3 19.1 28.7

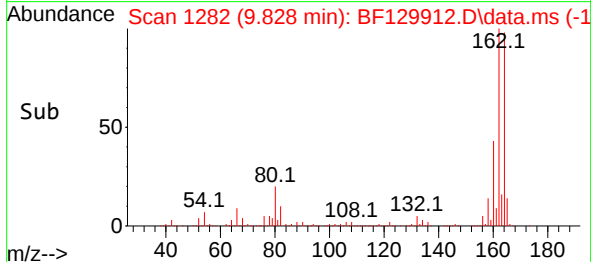
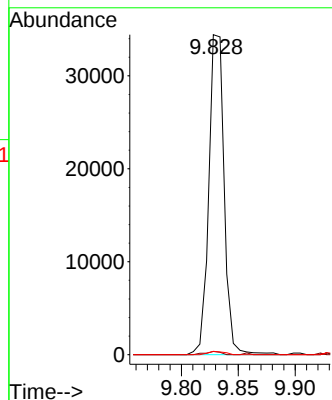
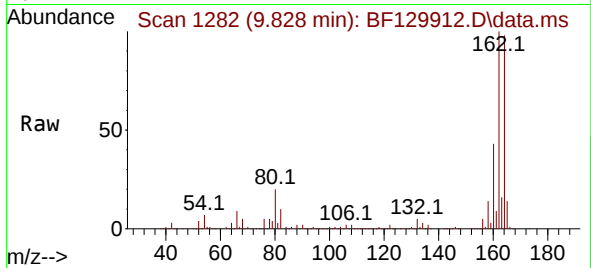




#51
2,6-Dinitrotoluene
Concen: 8.661 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.201 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

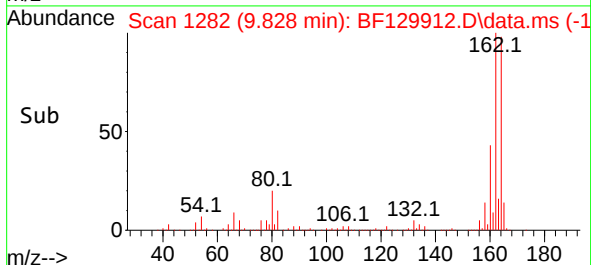
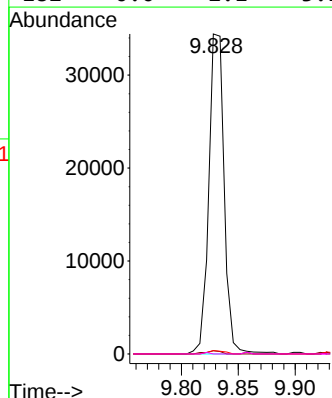
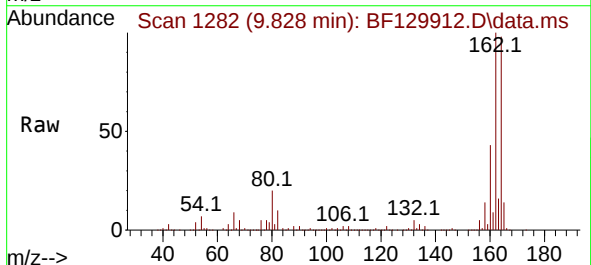
Instrument :
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Tgt Ion:165 Resp: 32339
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.672 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.211 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

Tgt Ion:165 Resp: 32339
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#

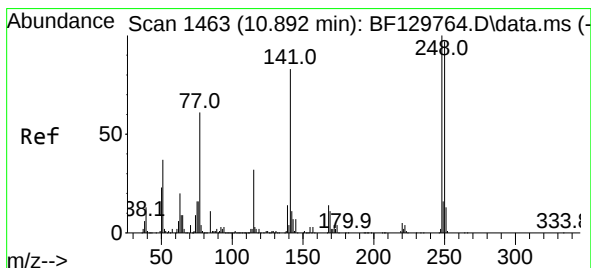
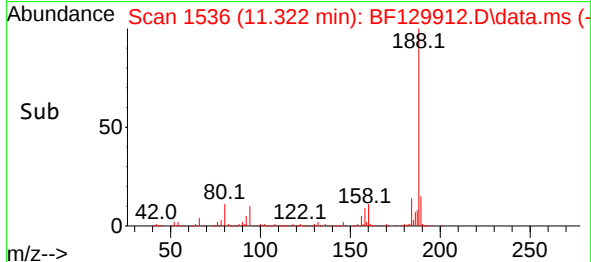
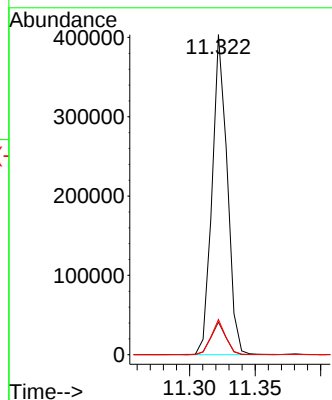
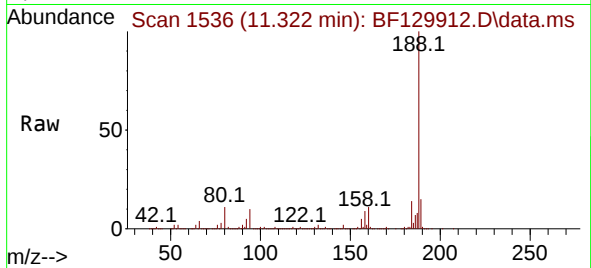




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

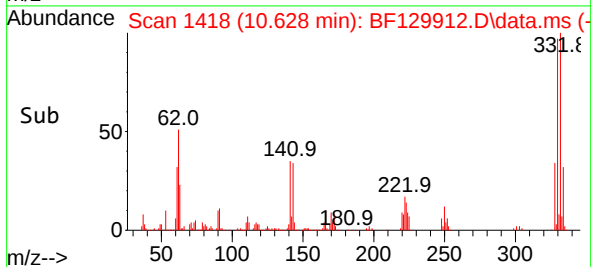
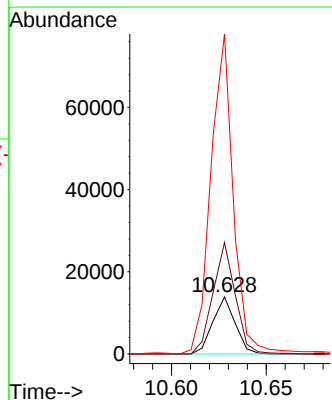
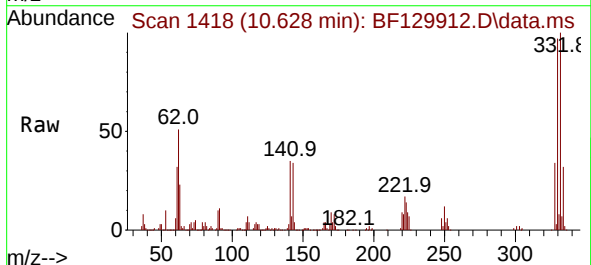
Instrument :
BNA_F
ClientSampleId :
R-70-1

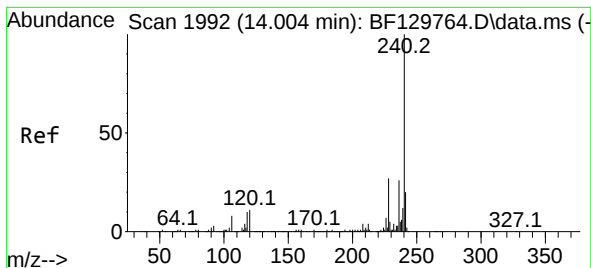
Tgt Ion:188 Resp: 322929
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 11.0 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.000 ng
RT: 10.628 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129912.D
Acq: 19 Aug 2022 15:12

Tgt Ion:248 Resp: 11348
Ion Ratio Lower Upper
248 100
250 195.5 77.8 116.6#
141 561.2 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.975 min Scan# 1992

Delta R.T. 0.001 min

Lab File: BF129912.D

Acq: 19 Aug 2022 15:12

Instrument :

BNA_F

ClientSampleId :

R-70-1

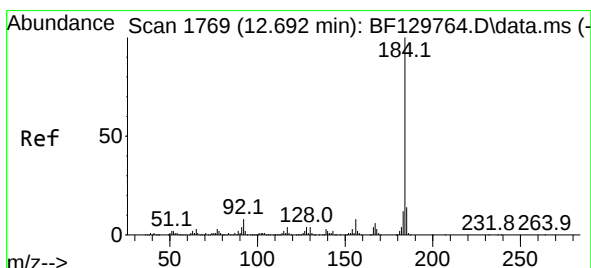
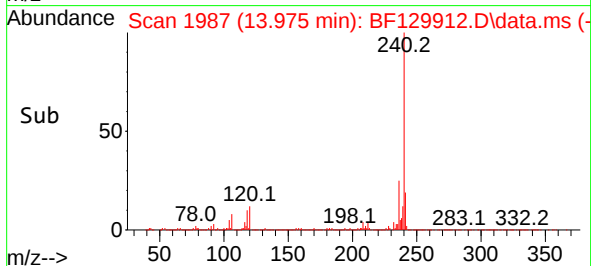
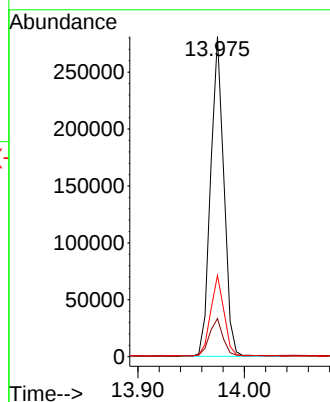
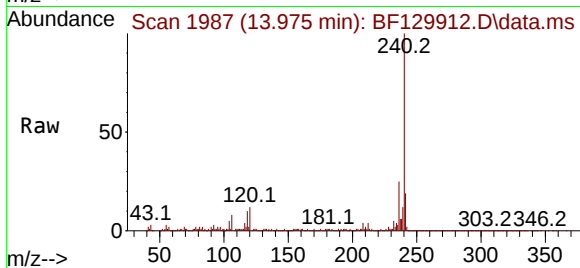
Tgt Ion:240 Resp: 243232

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 25.4 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.710 min Scan# 1772

Delta R.T. 0.048 min

Lab File: BF129912.D

Acq: 19 Aug 2022 15:12

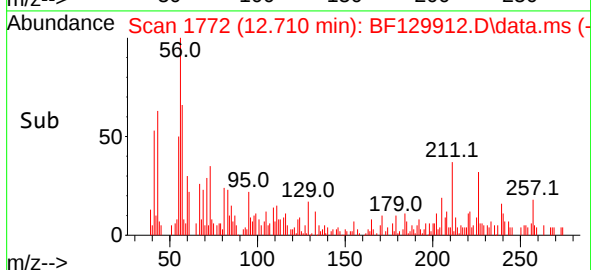
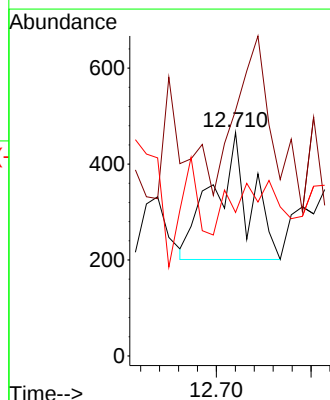
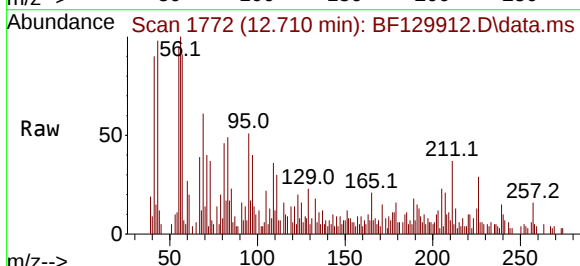
Tgt Ion:184 Resp: 360

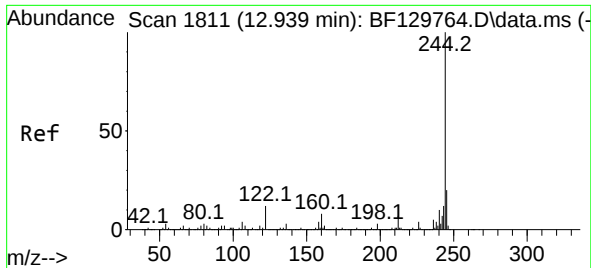
Ion Ratio Lower Upper

184 100

185 109.9 11.4 17.2#

183 64.2 9.4 14.2#

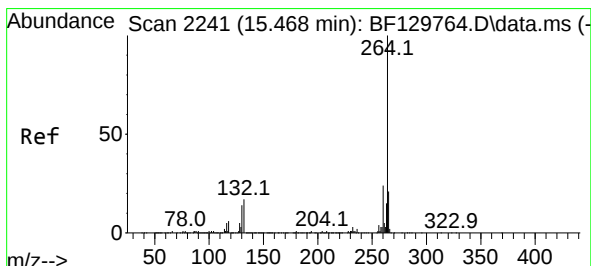
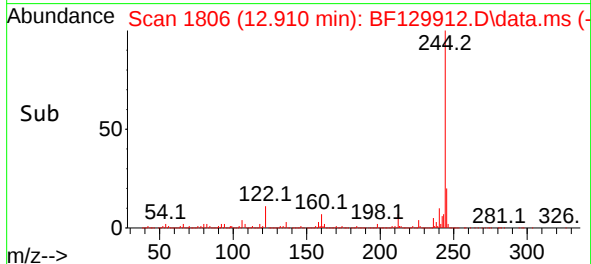
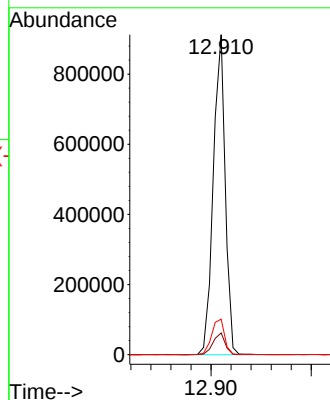
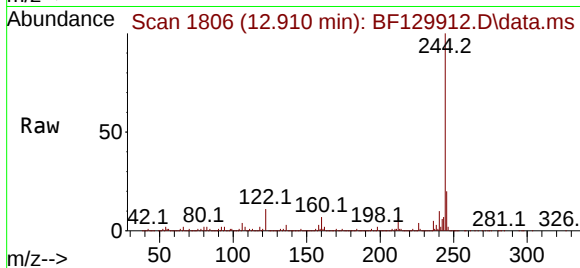




#79
 Terphenyl-d14
 Concen: 51.784 ng
 RT: 12.910 min Scan# 1806
 Delta R.T. 0.001 min
 Lab File: BF129912.D
 Acq: 19 Aug 2022 15:12

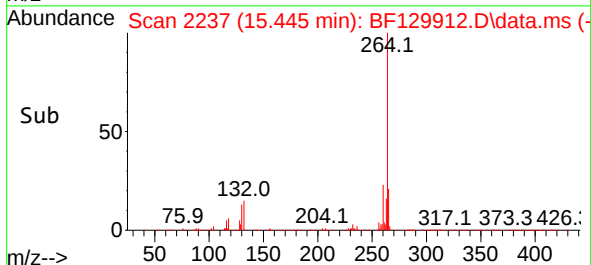
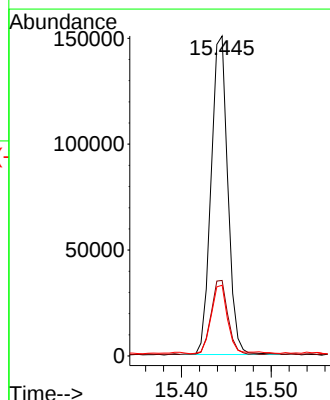
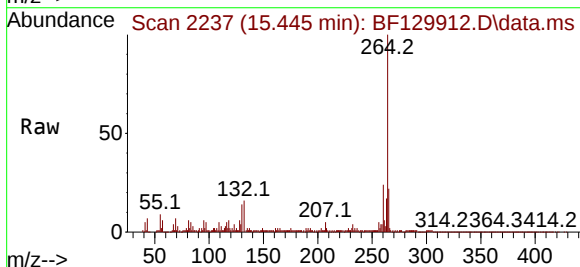
Instrument :
 BNA_F
 ClientSampleId :
 R-70-1

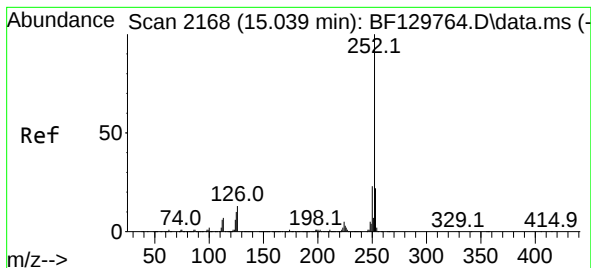
Tgt Ion:244 Resp: 756975
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2237
 Delta R.T. 0.018 min
 Lab File: BF129912.D
 Acq: 19 Aug 2022 15:12

Tgt Ion:264 Resp: 193788
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.1 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 2.309 ng

RT: 15.016 min Scan# 2164

Delta R.T. 0.012 min

Lab File: BF129912.D

Acq: 19 Aug 2022 15:12

Instrument :

BNA_F

ClientSampleId :

R-70-1

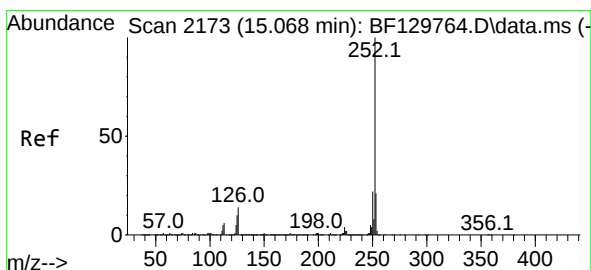
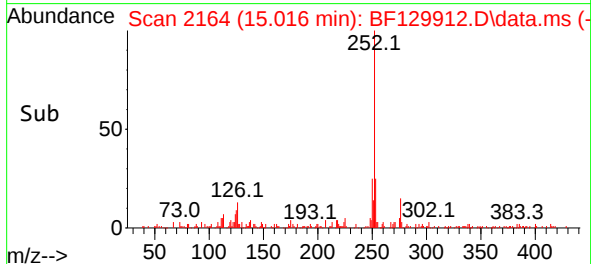
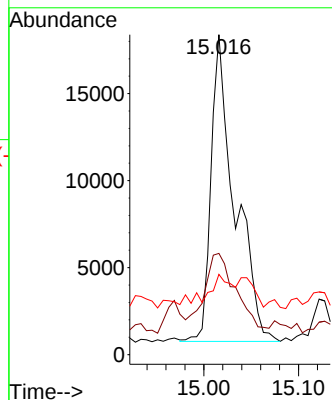
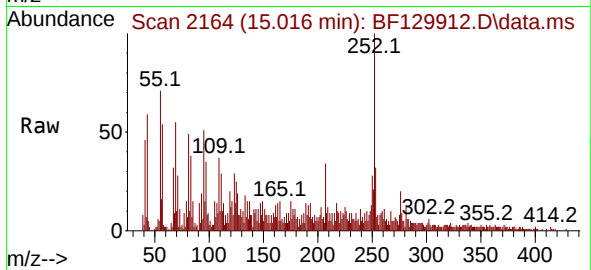
Tgt Ion:252 Resp: 30636

Ion Ratio Lower Upper

252 100

253 31.7 17.5 26.3#

125 25.1 8.3 12.5#



#89

Benzo(k)fluoranthene

Concen: 2.407 ng

RT: 15.016 min Scan# 2164

Delta R.T. -0.017 min

Lab File: BF129912.D

Acq: 19 Aug 2022 15:12

Tgt Ion:252 Resp: 30636

Ion Ratio Lower Upper

252 100

253 31.7 17.1 25.7#

125 25.1 8.3 12.5#

