

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129842.D
 Acq On : 17 Aug 2022 13:27
 Operator : CG\JU
 Sample : N4189-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB19

Quant Time: Aug 17 16:47:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

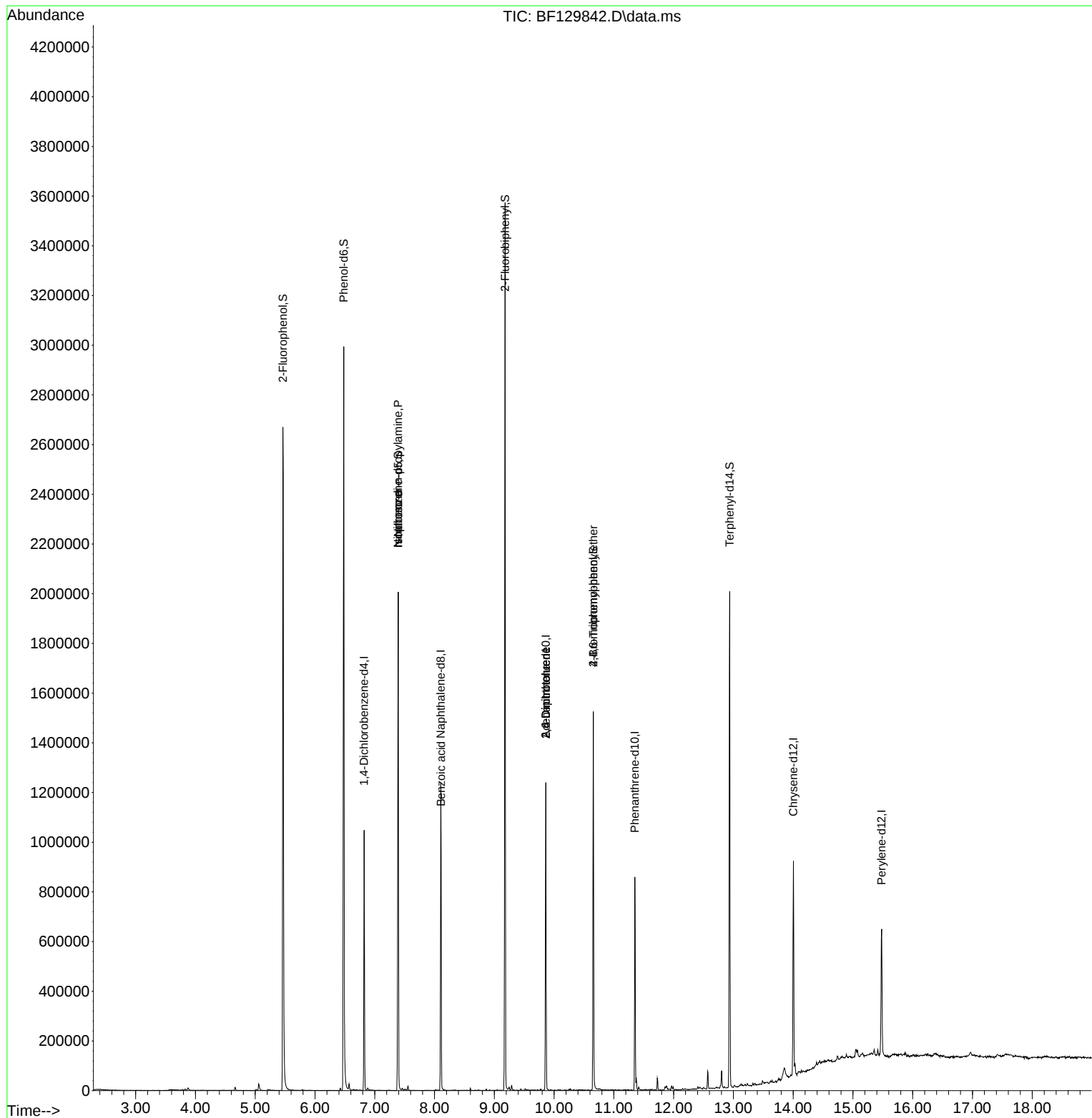
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	135834	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	515048	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	230715	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	291830	20.000	ng	0.00
76) Chrysene-d12	14.004	240	267621	20.000	ng	0.00
86) Perylene-d12	15.480	264	233053	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	788701	96.136	ng	0.00
7) Phenol-d6	6.481	99	965892	94.016	ng	0.00
23) Nitrobenzene-d5	7.392	82	599506	62.310	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	163420	70.574	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	958819	63.119	ng	0.00
79) Terphenyl-d14	12.939	244	655022	40.726	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1588	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	78887	12.148	ng	# 77
25) Isophorone	7.392	82	599583	36.207	ng	# 65
32) Benzoic acid	8.110	122	70	2.179	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	29856	8.322	ng	# 23
57) 2,4-Dinitrotoluene	9.863	165	29856	6.411	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	9967	2.916	ng	# 1
77) Benzidine	12.939	184	9079	Below Cal	#	92

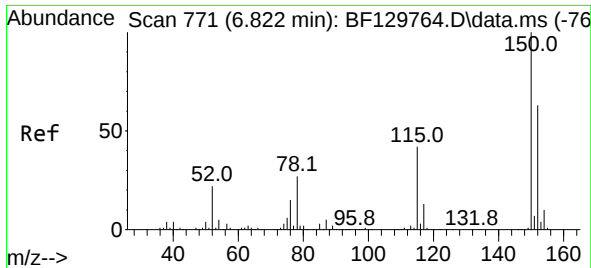
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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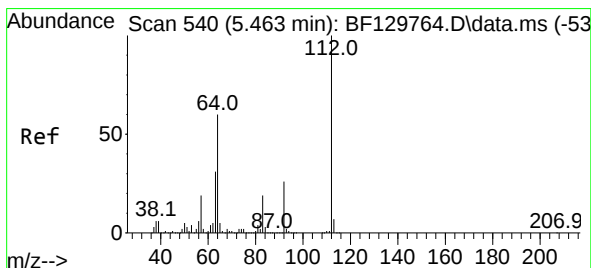
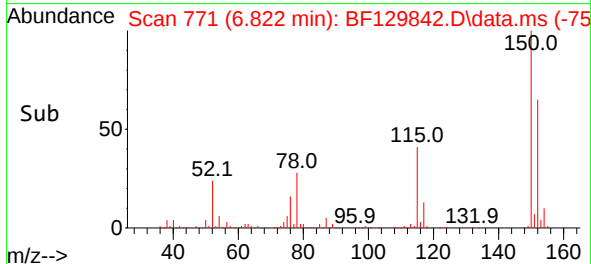
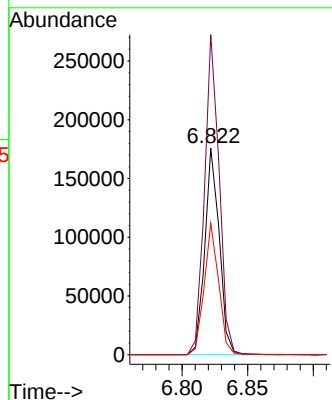
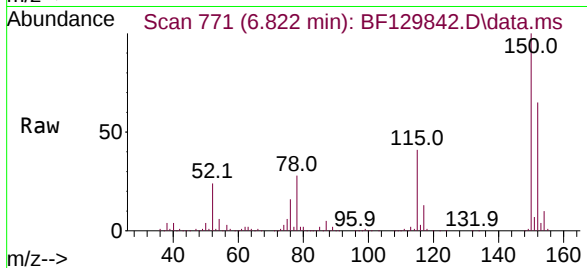




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

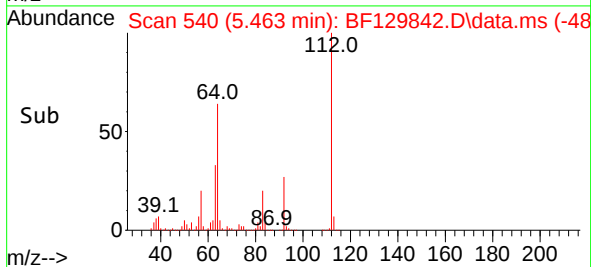
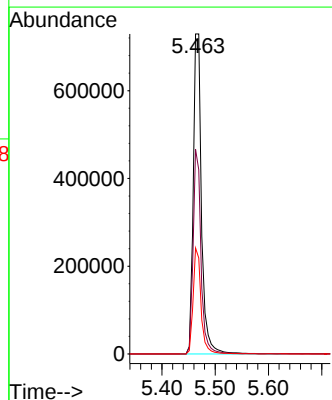
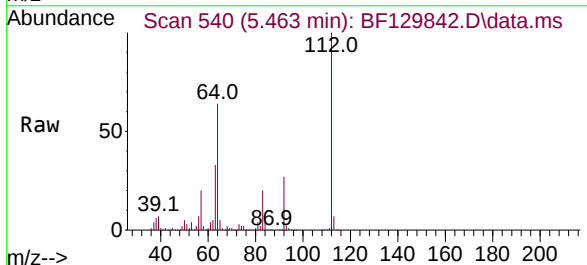
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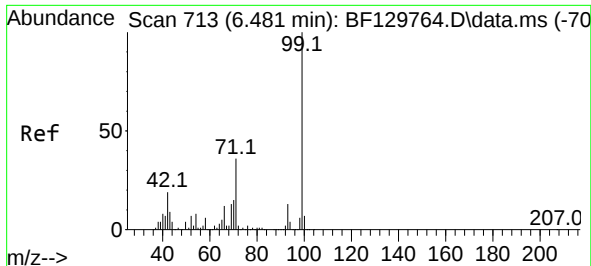
Tgt Ion:152 Resp: 135834
Ion Ratio Lower Upper
152 100
150 155.0 126.9 190.3
115 63.6 53.4 80.0



#5
2-Fluorophenol
Concen: 96.136 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

Tgt Ion:112 Resp: 788701
Ion Ratio Lower Upper
112 100
64 63.9 47.6 71.4
63 33.1 24.6 37.0

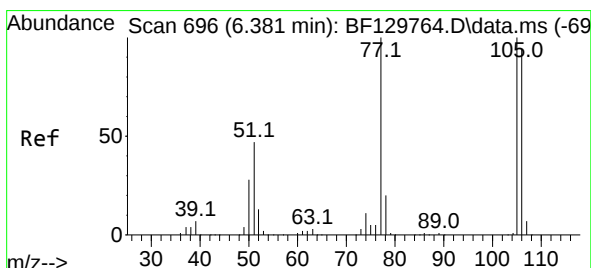
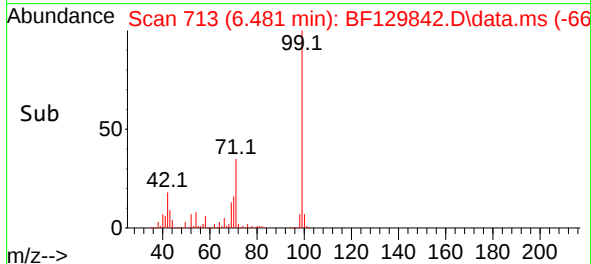
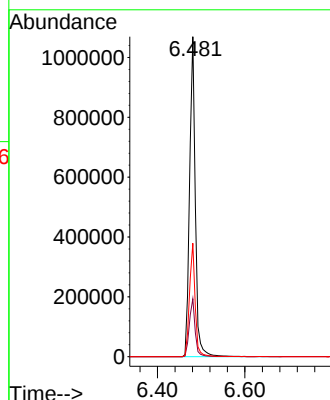
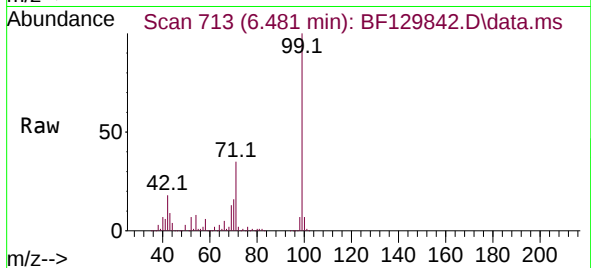




#7
Phenol-d6
Concen: 94.016 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

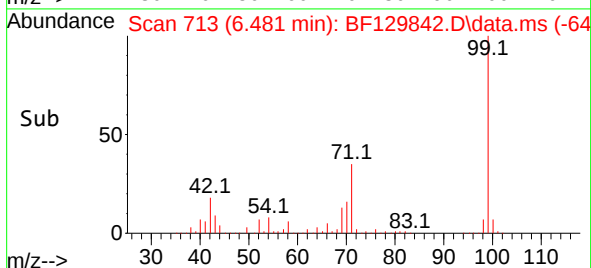
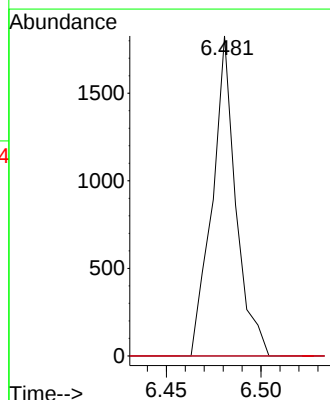
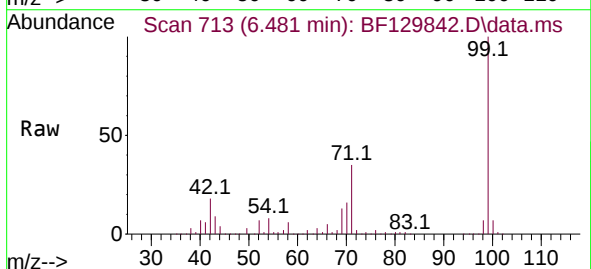
Instrument :
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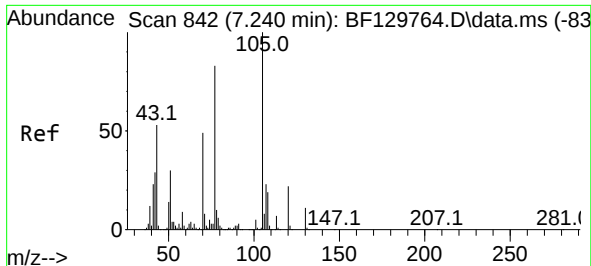
Tgt Ion: 99 Resp: 965892
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 35.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.100 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

Tgt Ion: 77 Resp: 1588
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

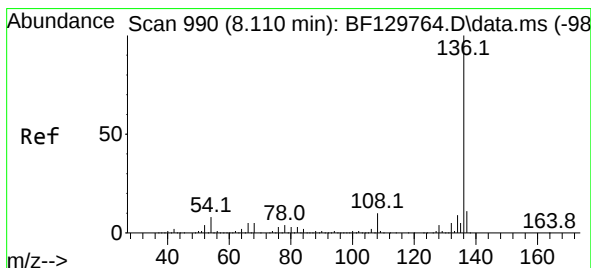
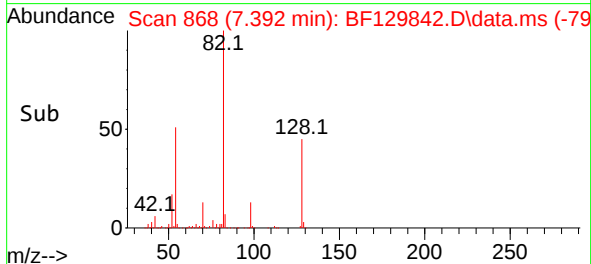
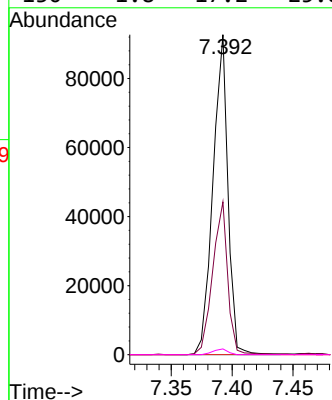
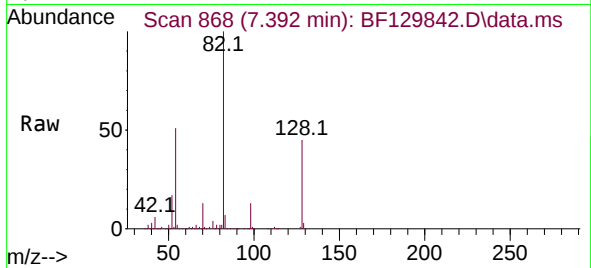




#19
n-Nitroso-di-n-propylamine
Concen: 12.148 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

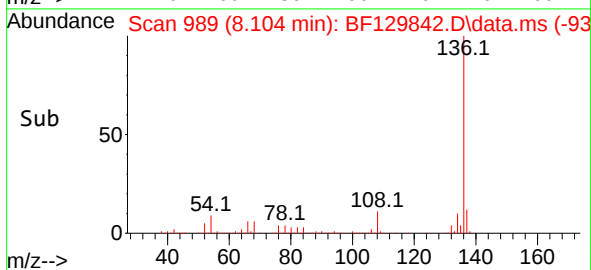
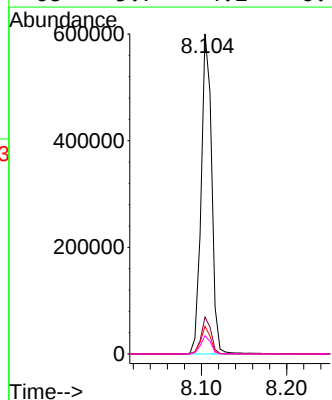
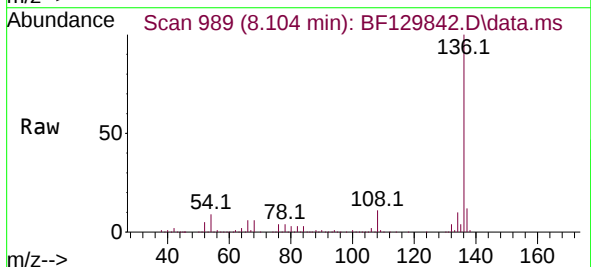
Instrument :
BNA_F
ClientSampleId :
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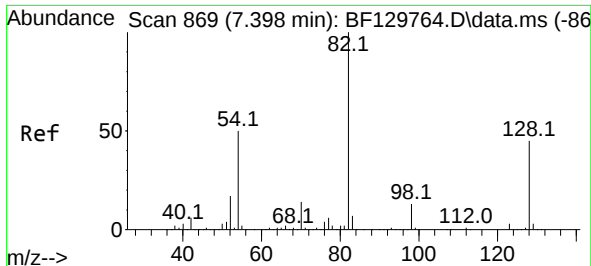
Tgt Ion: 70 Resp: 78887
Ion Ratio Lower Upper
70 100
42 47.7 47.6 71.4
101 0.0 8.1 12.1#
130 1.8 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

Tgt Ion: 136 Resp: 515048
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.7 6.2 9.2
68 5.7 4.2 6.4

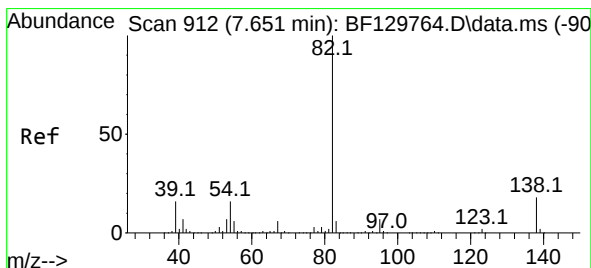
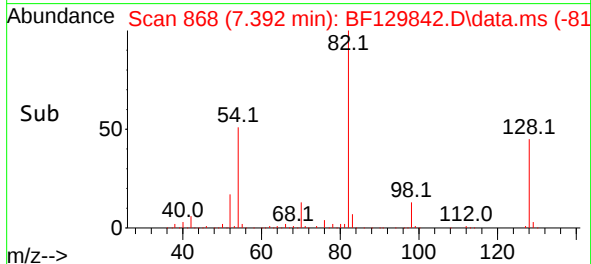
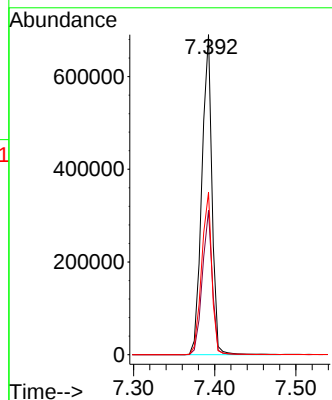
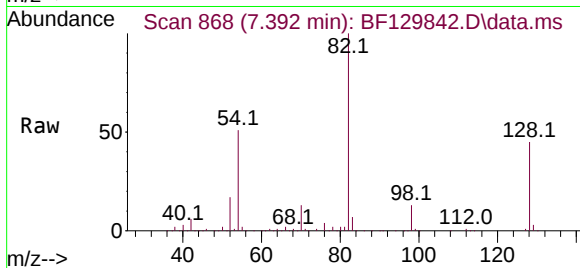




#23
Nitrobenzene-d5
Concen: 62.310 ng
RT: 7.392 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

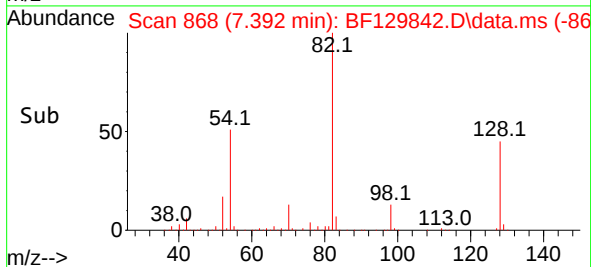
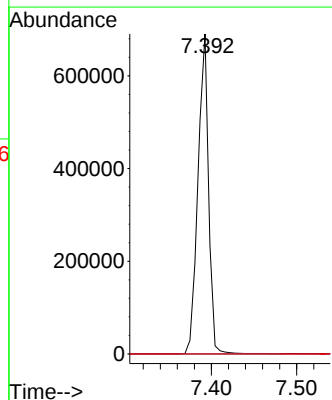
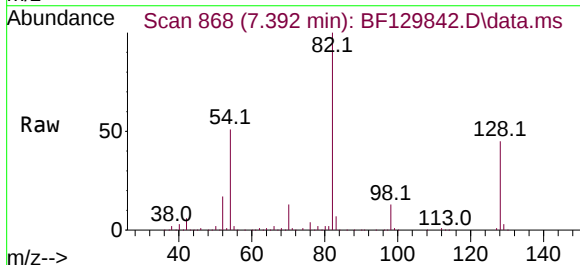
Instrument :
BNA_F
ClientSampleId :
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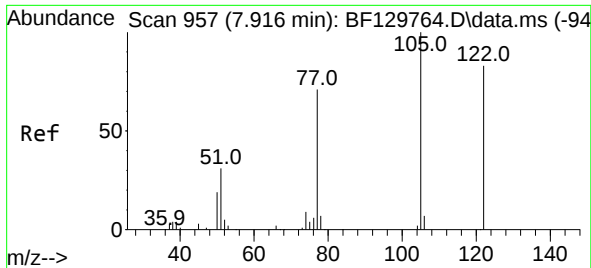
Tgt Ion: 82 Resp: 599506
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 50.7 40.0 60.0



#25
Isophorone
Concen: 36.207 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

Tgt Ion: 82 Resp: 599583
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

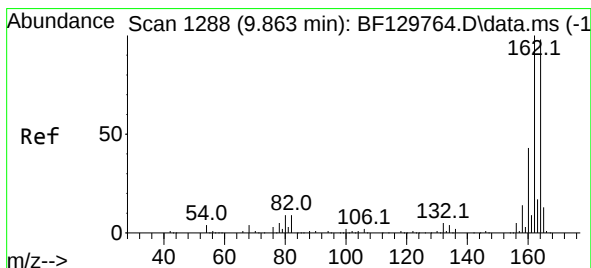
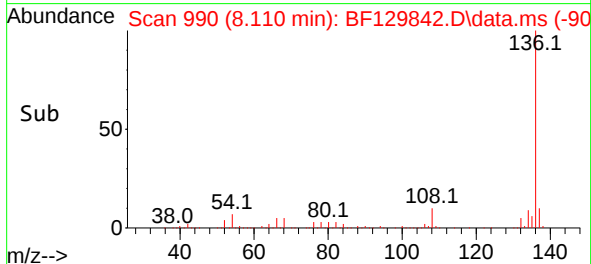
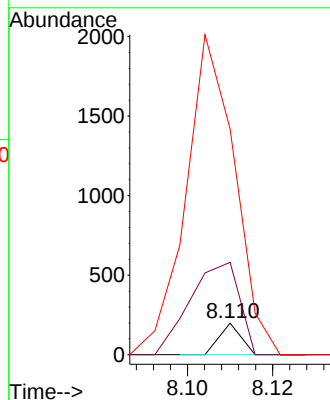
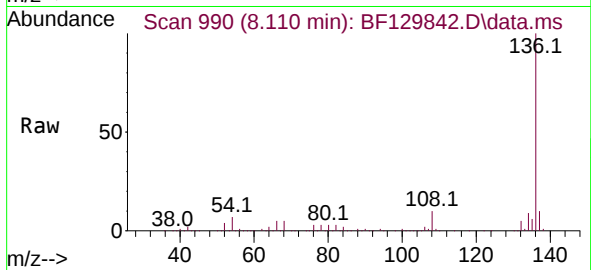




#32
Benzoic acid
Concen: 2.179 ng
RT: 8.110 min Scan# 91
Delta R.T. 0.194 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

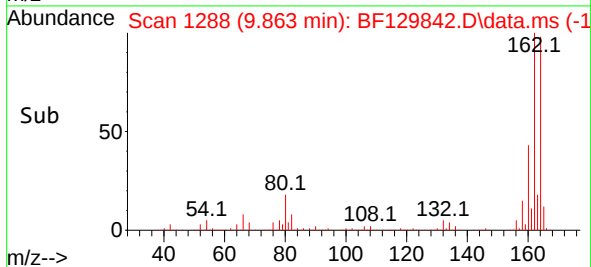
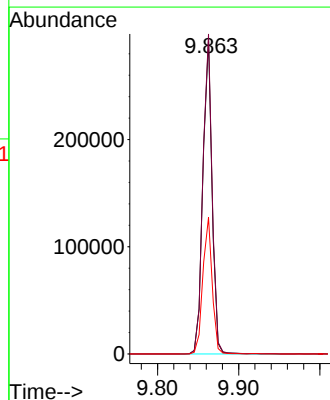
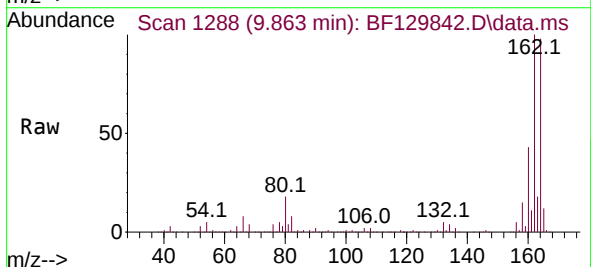
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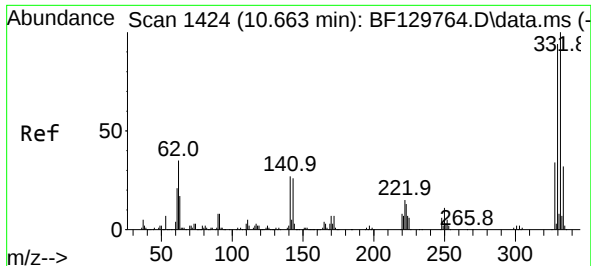
Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 292.0 99.9 139.9#
77 713.1 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

Tgt Ion:164 Resp: 230715
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 43.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 70.574 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129842.D

Acq: 17 Aug 2022 13:27

Instrument :

BNA_F

ClientSampleId :

SB19

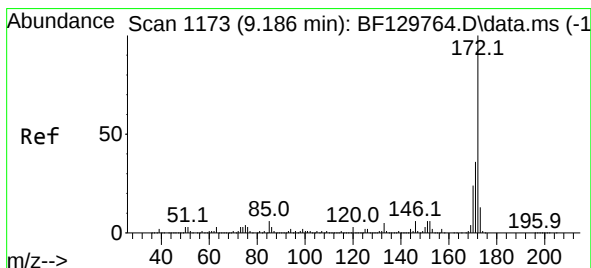
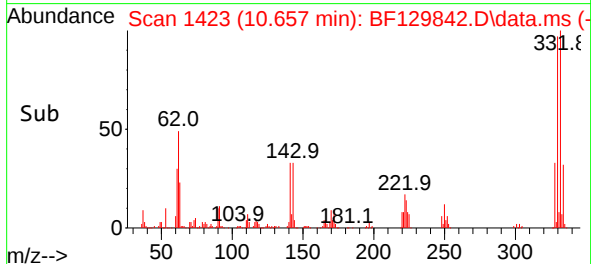
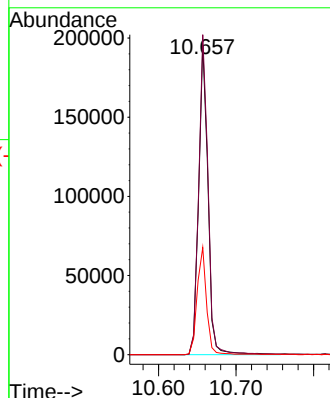
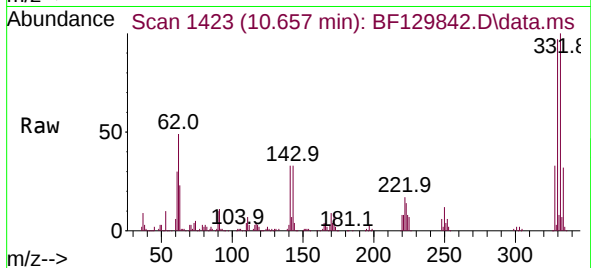
Tgt Ion:330 Resp: 163420

Ion Ratio Lower Upper

330 100

332 103.9 82.6 124.0

141 34.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 63.119 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129842.D

Acq: 17 Aug 2022 13:27

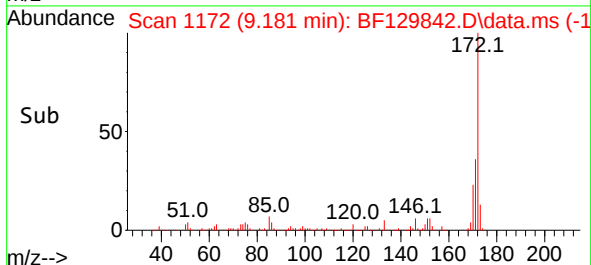
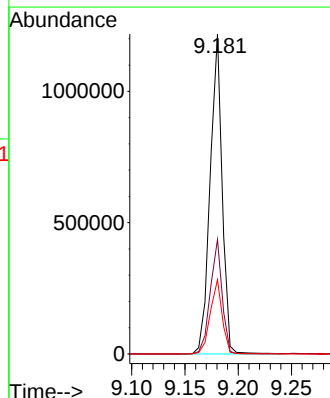
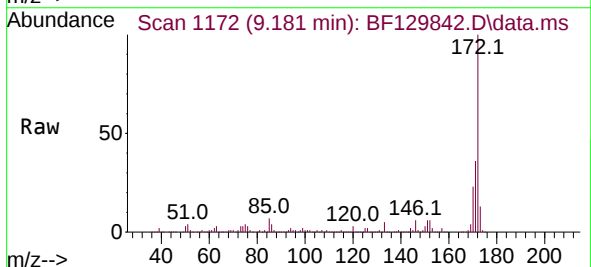
Tgt Ion:172 Resp: 958819

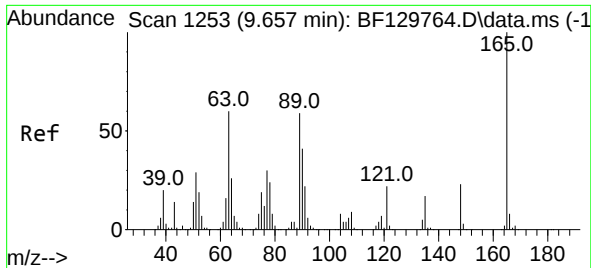
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.2 19.1 28.7

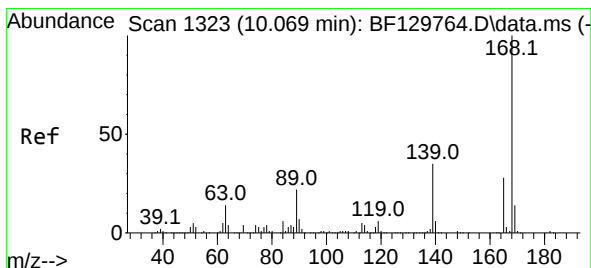
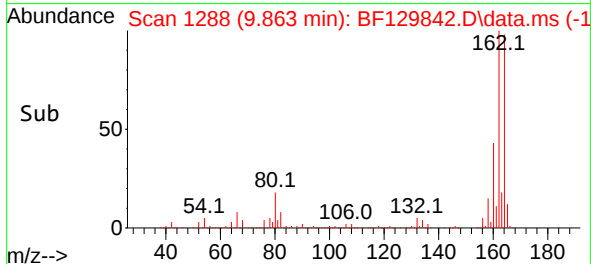
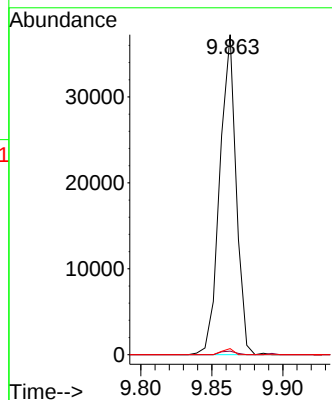
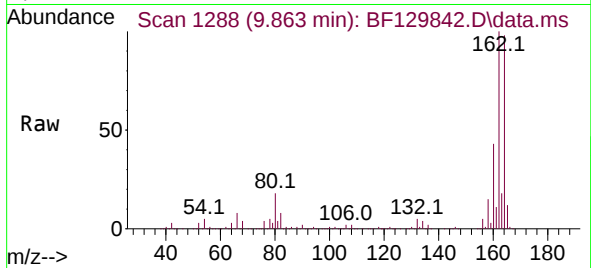




#51
2,6-Dinitrotoluene
Concen: 8.322 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

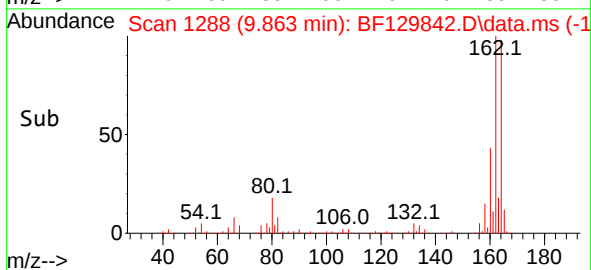
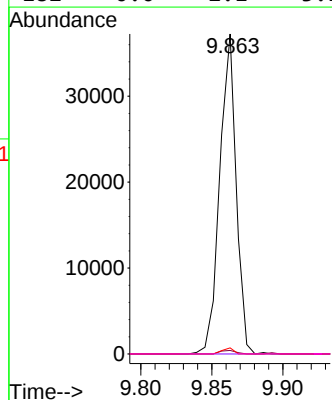
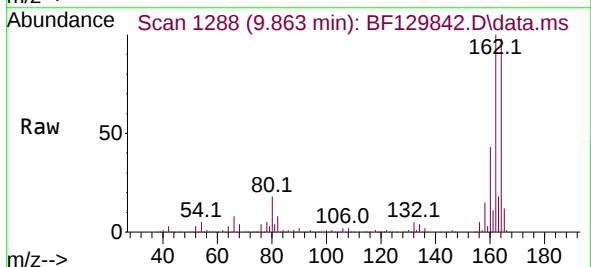
Instrument :
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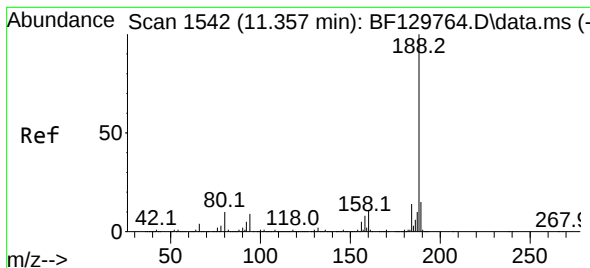
Tgt Ion:165 Resp: 29856
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.9 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.411 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.206 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

Tgt Ion:165 Resp: 29856
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.9 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129842.D

Acq: 17 Aug 2022 13:27

Instrument :

BNA_F

ClientSampleId :

SB19

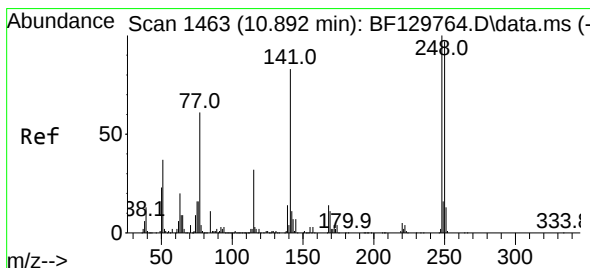
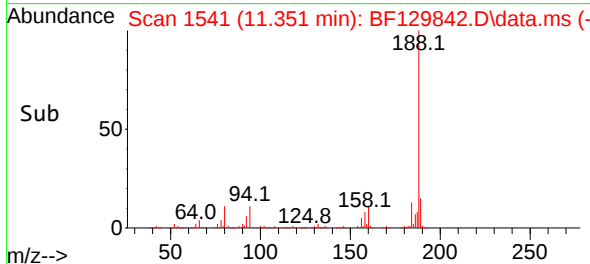
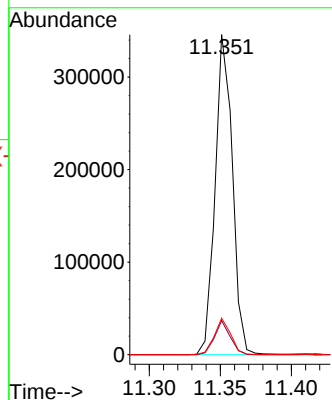
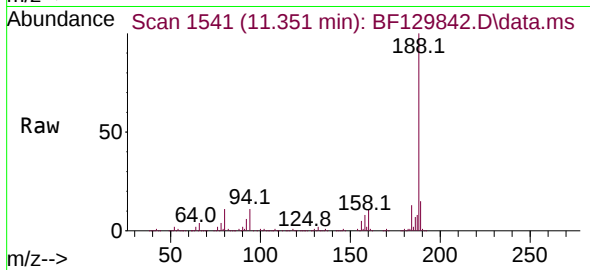
Tgt Ion:188 Resp: 291830

Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.2

80 11.4 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.916 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.235 min

Lab File: BF129842.D

Acq: 17 Aug 2022 13:27

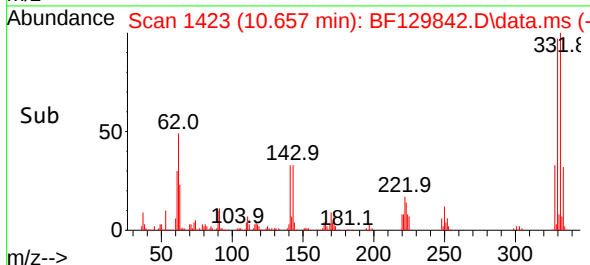
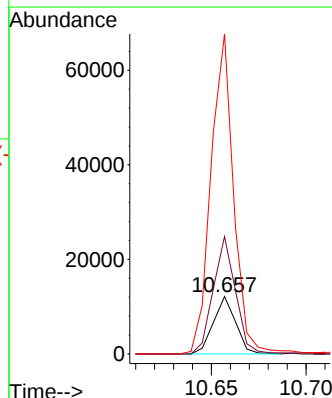
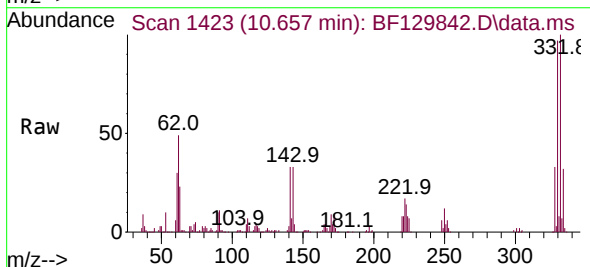
Tgt Ion:248 Resp: 9967

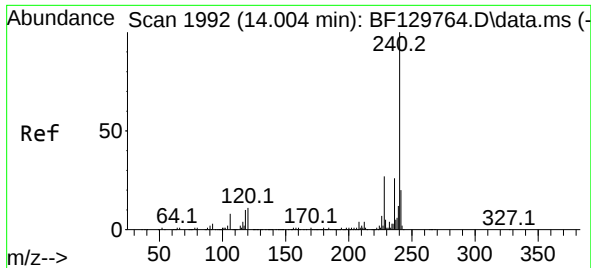
Ion Ratio Lower Upper

248 100

250 204.4 77.8 116.6#

141 556.9 66.2 99.2#

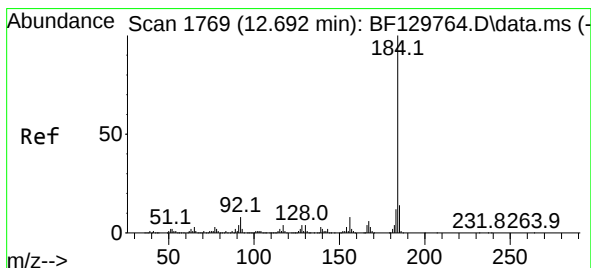
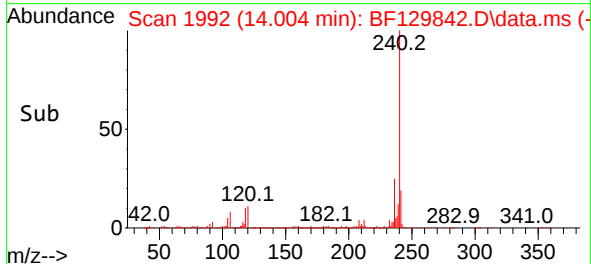
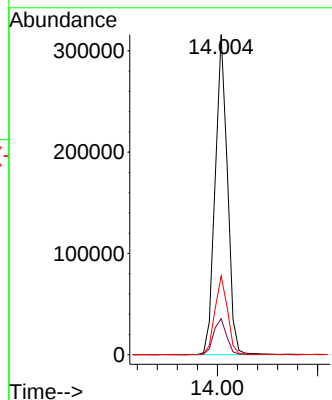
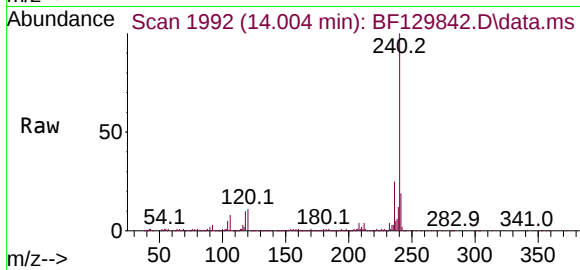




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

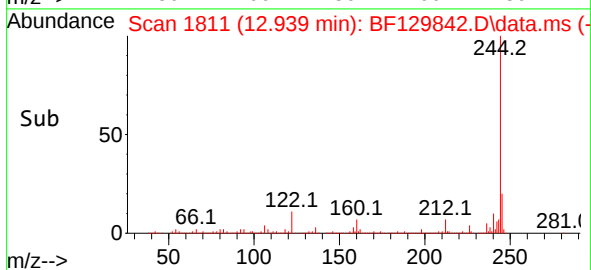
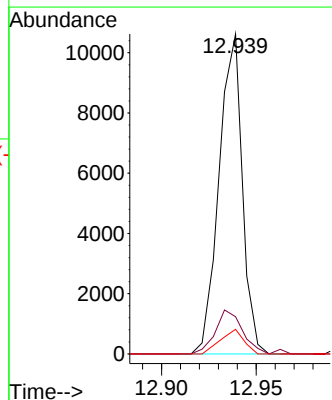
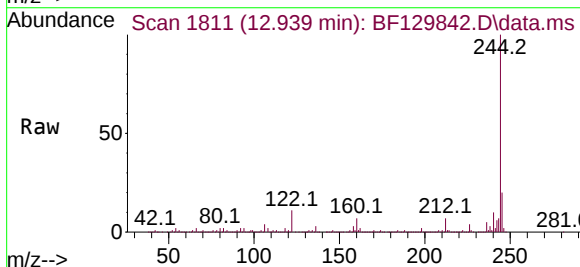
Instrument :
BNA_F
ClientSampleId :
SB19

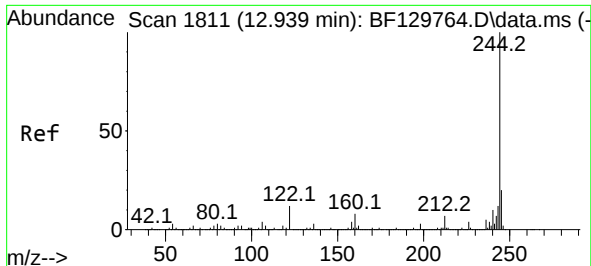
Tgt Ion:240 Resp: 267621
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 24.6 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF129842.D
Acq: 17 Aug 2022 13:27

Tgt Ion:184 Resp: 9079
Ion Ratio Lower Upper
184 100
185 11.6 11.4 17.2
183 7.7 9.4 14.2#

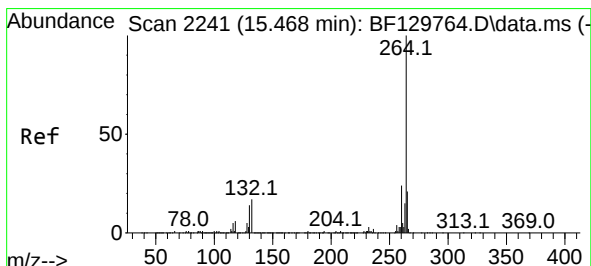
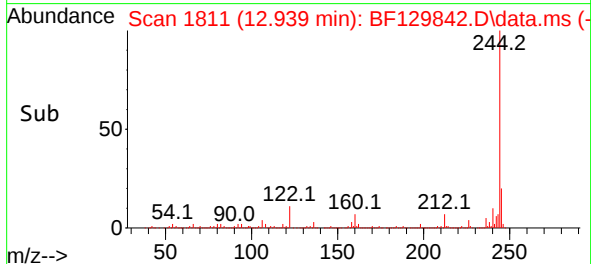
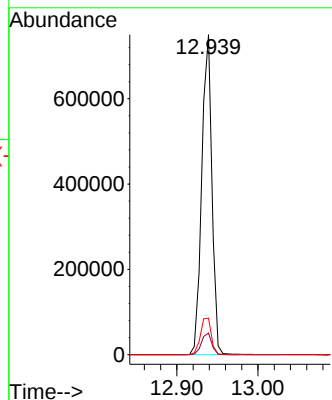
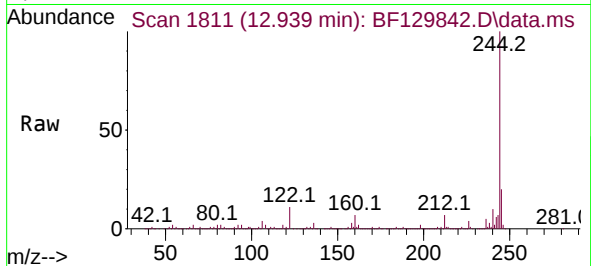




#79
 Terphenyl-d14
 Concen: 40.726 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129842.D
 Acq: 17 Aug 2022 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SB19

Tgt Ion:244 Resp: 655022
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2243
 Delta R.T. 0.012 min
 Lab File: BF129842.D
 Acq: 17 Aug 2022 13:27

Tgt Ion:264 Resp: 233053
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 22.3 16.7 25.1

