

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129849.D
 Acq On : 17 Aug 2022 17:59
 Operator : CG\JU
 Sample : N1488-25
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6

Quant Time: Aug 18 05:33:57 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 05:28:24 2022
 Response via : Initial Calibration

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

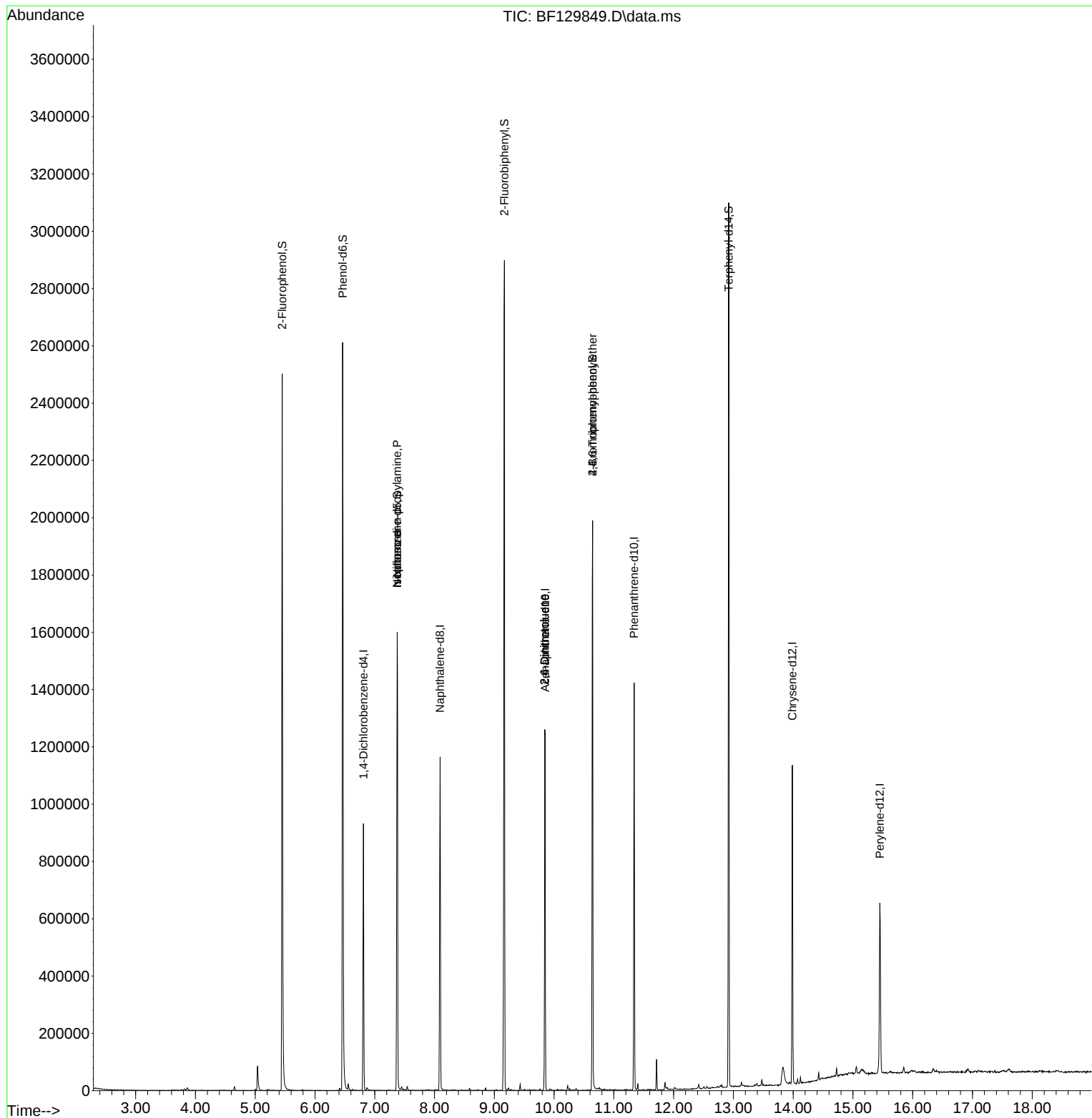
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	128228	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	511981	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	275433	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	466475	20.000	ng	0.00
76) Chrysene-d12	13.986	240	351386	20.000	ng	0.00
86) Perylene-d12	15.451	264	264327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	680759	87.901	ng	0.00
7) Phenol-d6	6.463	99	882728	91.017	ng	0.00
23) Nitrobenzene-d5	7.375	82	563599	58.929	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	229525	83.029	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	954334	52.624	ng	0.00
79) Terphenyl-d14	12.922	244	1002249	47.460	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.463	77	1458	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.375	70	74377	12.133	ng	# 77
25) Isophorone	7.375	82	563586	34.237	ng	# 65
51) 2,6-Dinitrotoluene	9.845	165	34798	8.124	ng	# 23
57) 2,4-Dinitrotoluene	9.845	165	34798	6.259	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	14808	2.710	ng	# 1
77) Benizidine	12.922	184	13581	Below Cal	#	88

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

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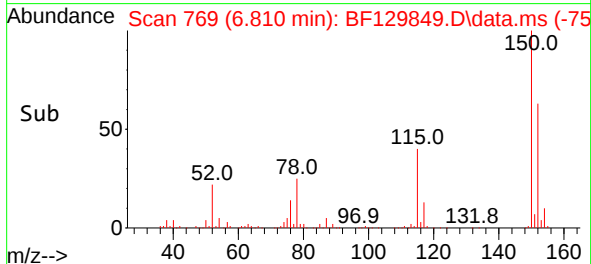
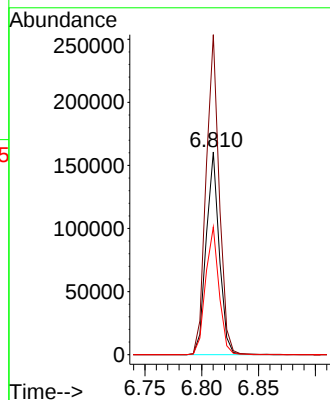
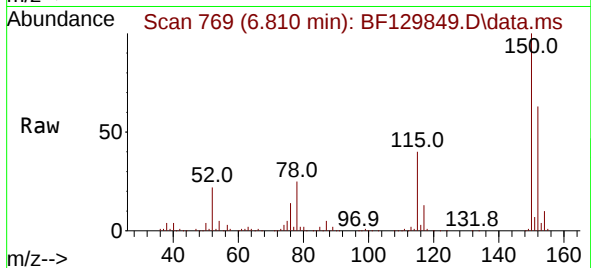




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

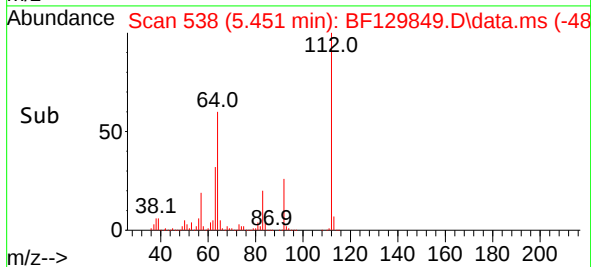
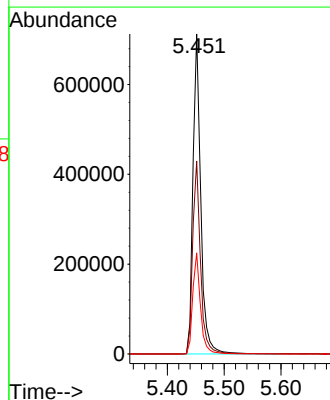
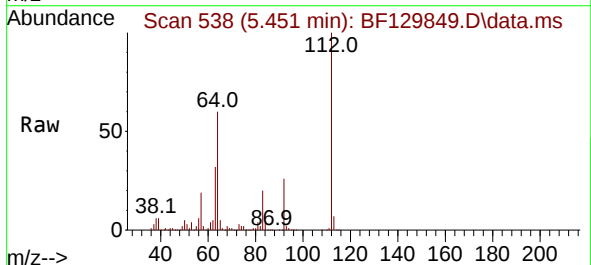
Instrument :
BNA_F
ClientSampleId :
S6

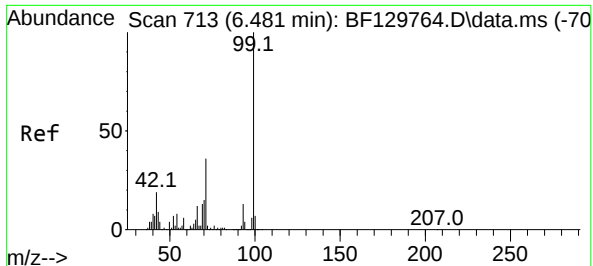
Tgt Ion:152 Resp: 128228
Ion Ratio Lower Upper
152 100
150 157.9 126.9 190.3
115 63.0 53.4 80.0



#5
2-Fluorophenol
Concen: 87.901 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

Tgt Ion:112 Resp: 680759
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 31.6 24.6 37.0

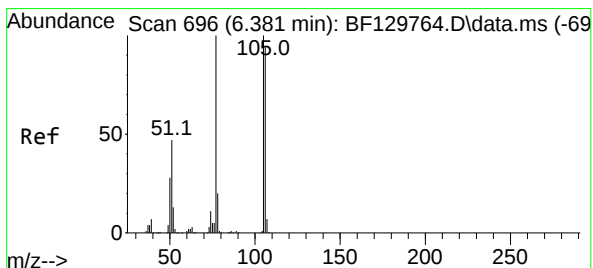
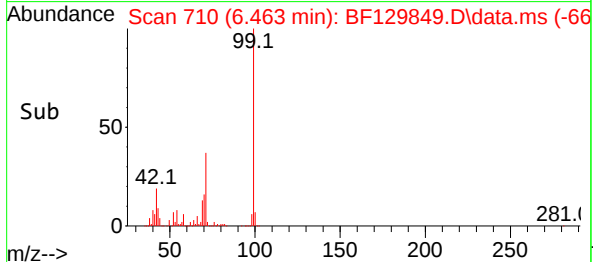
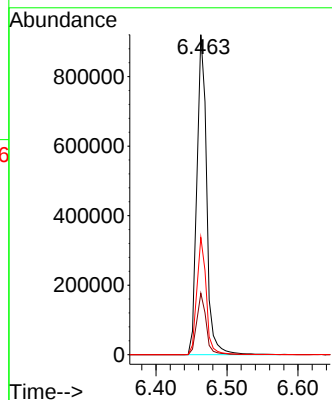
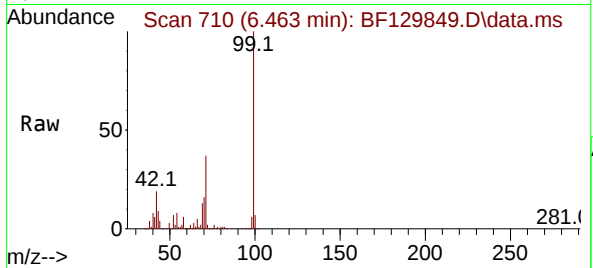




#7
Phenol-d6
Concen: 91.017 ng
RT: 6.463 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

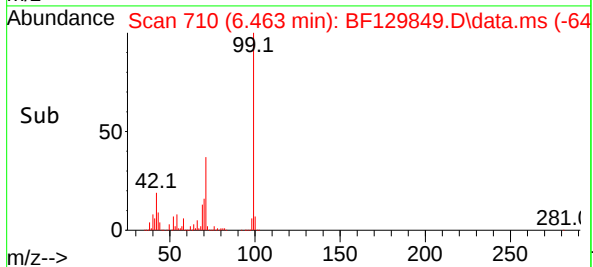
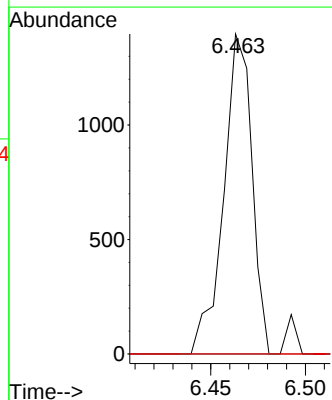
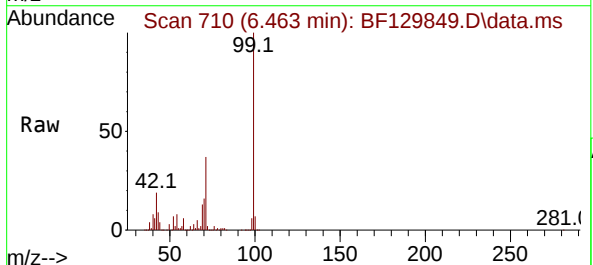
Instrument :
BNA_F
ClientSampleId :
S6

Tgt Ion: 99 Resp: 882728
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 36.7 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 710
Delta R.T. 0.094 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

Tgt Ion: 77 Resp: 1458
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

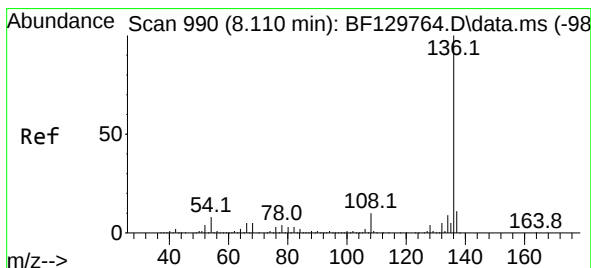
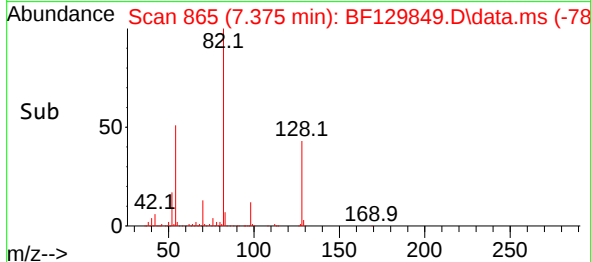
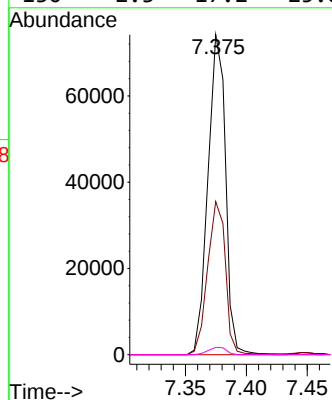
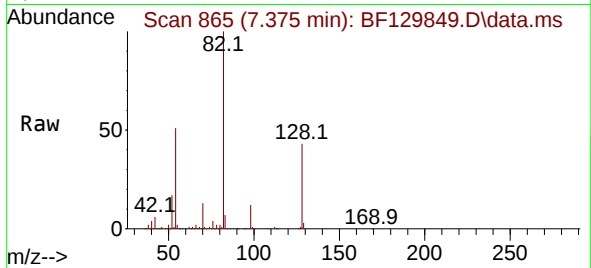




#19
n-Nitroso-di-n-propylamine
Concen: 12.133 ng
RT: 7.375 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

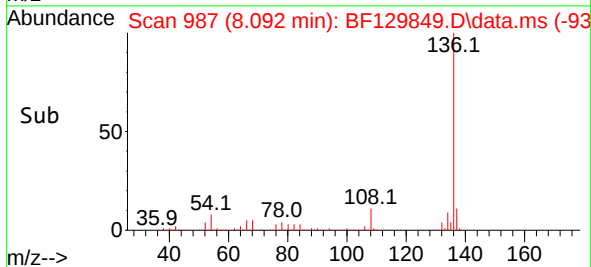
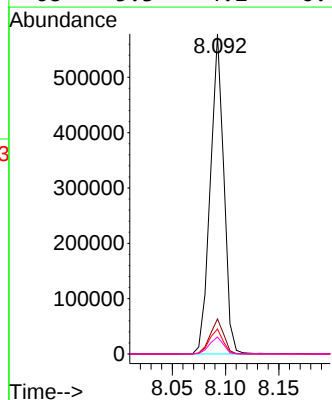
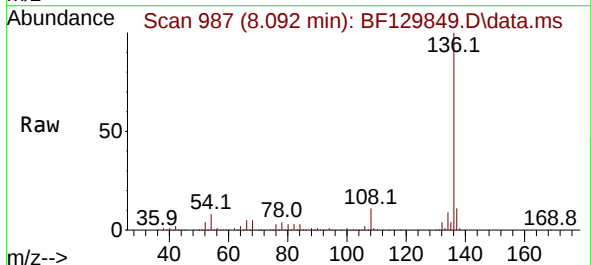
Instrument :
BNA_F
ClientSampleId :
S6

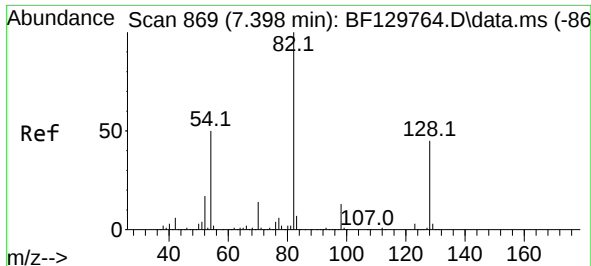
Tgt Ion: 70 Resp: 74377
Ion Ratio Lower Upper
70 100
42 47.8 47.6 71.4
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

Tgt Ion:136 Resp: 511981
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 6.2 9.2
68 5.3 4.2 6.4

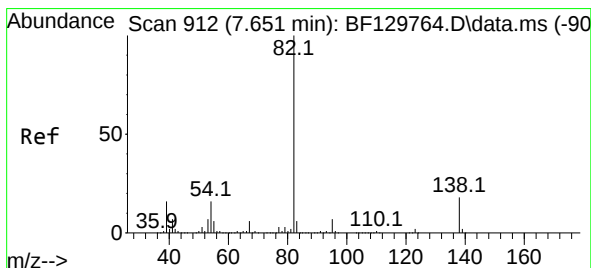
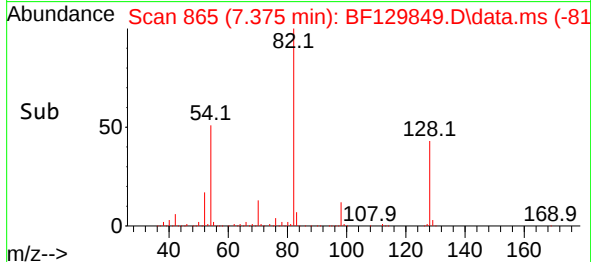
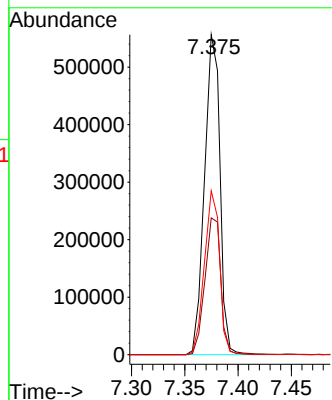
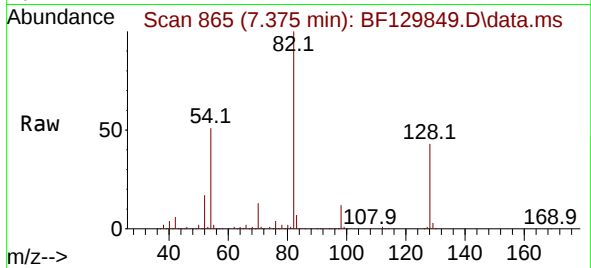




#23
Nitrobenzene-d5
Concen: 58.929 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

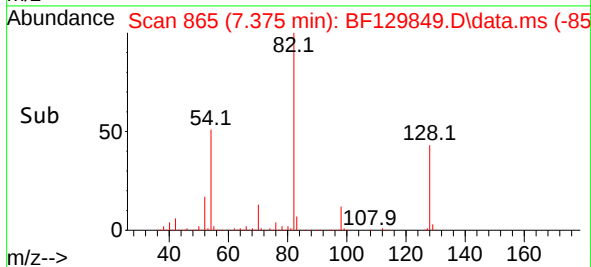
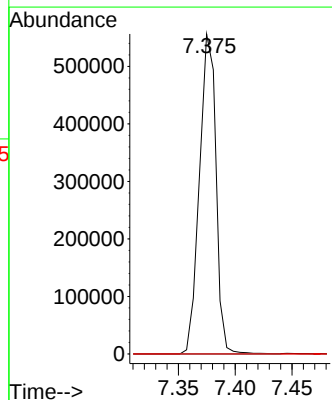
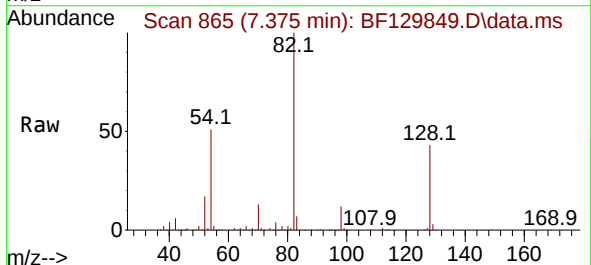
Instrument :
BNA_F
ClientSampleId :
S6

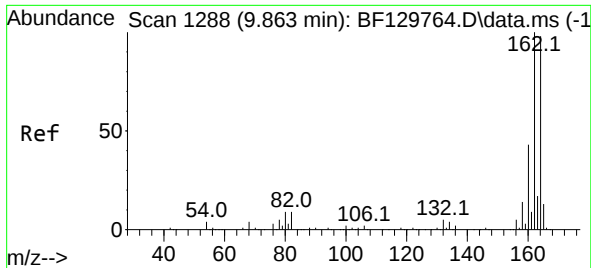
Tgt Ion: 82 Resp: 563599
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 51.2 40.0 60.0



#25
Isophorone
Concen: 34.237 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.265 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

Tgt Ion: 82 Resp: 563586
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

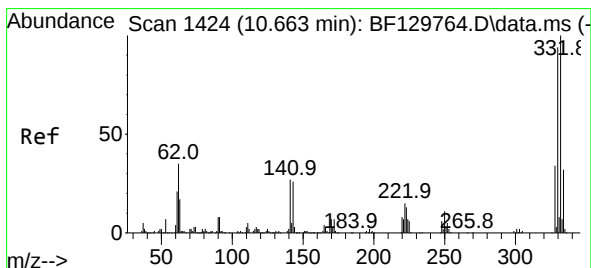
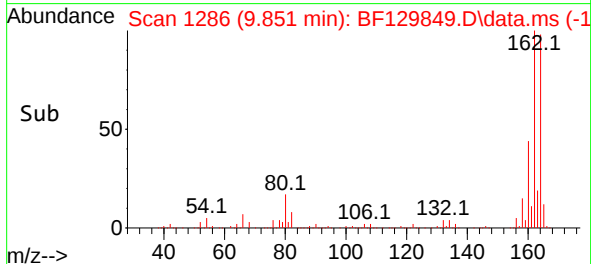
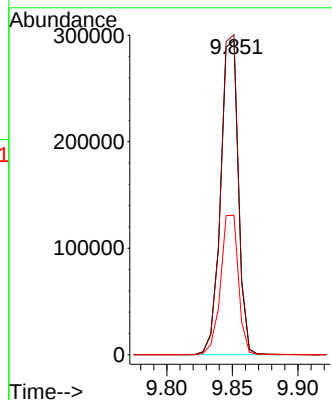
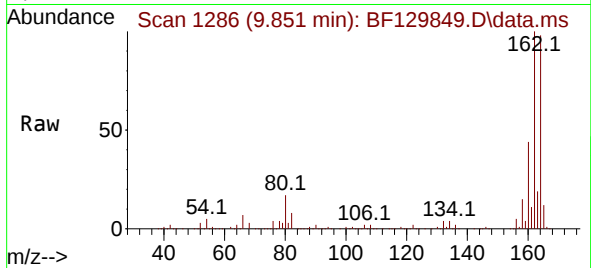




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

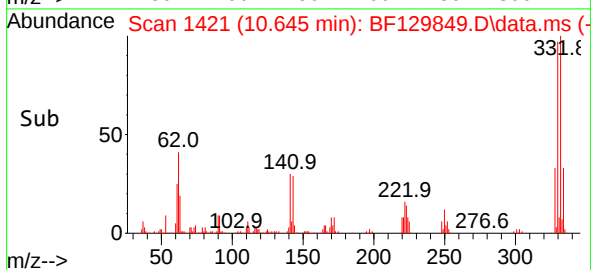
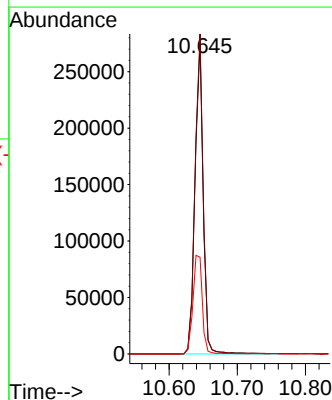
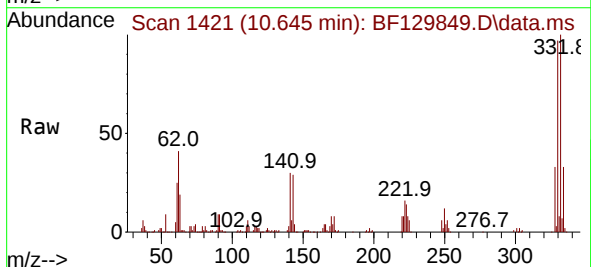
Instrument :
BNA_F
ClientSampleId :
S6

Tgt Ion:164 Resp: 275433
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 83.029 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

Tgt Ion:330 Resp: 229525
Ion Ratio Lower Upper
330 100
332 102.3 82.6 124.0
141 36.3 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 52.624 ng

RT: 9.169 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF129849.D

Acq: 17 Aug 2022 17:59

Instrument :

BNA_F

ClientSampleId :

S6

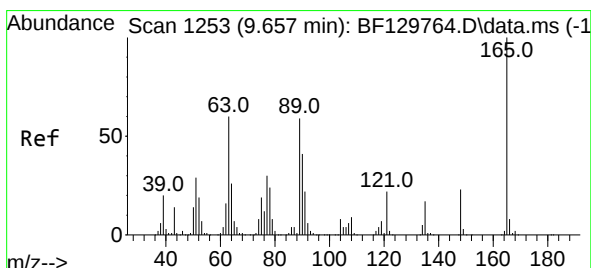
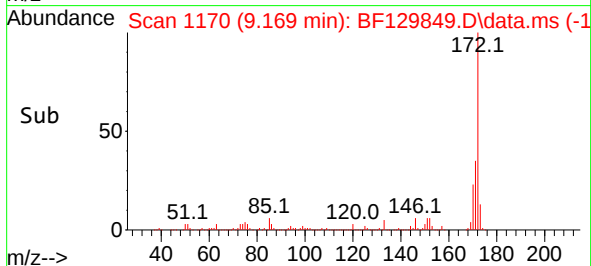
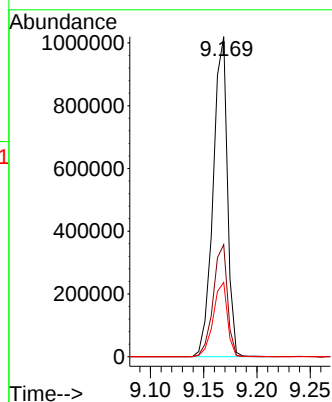
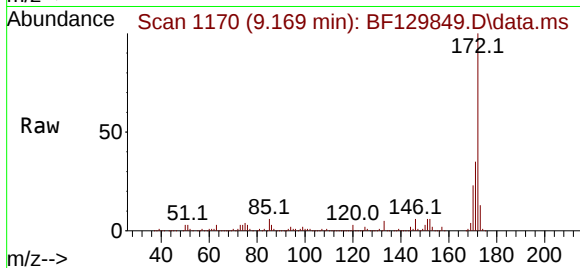
Tgt Ion:172 Resp: 954334

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.2 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.124 ng

RT: 9.845 min Scan# 1285

Delta R.T. 0.200 min

Lab File: BF129849.D

Acq: 17 Aug 2022 17:59

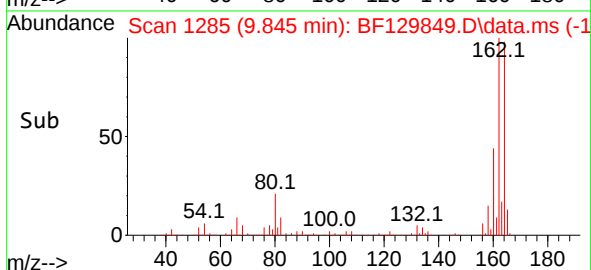
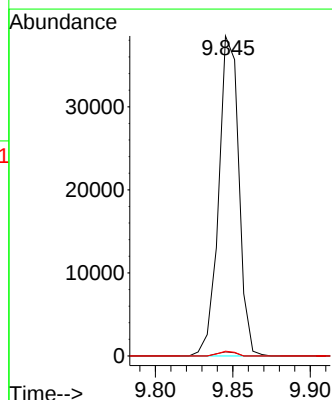
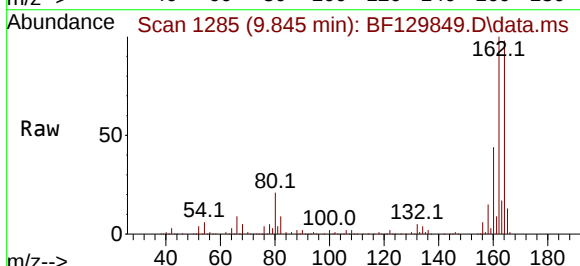
Tgt Ion:165 Resp: 34798

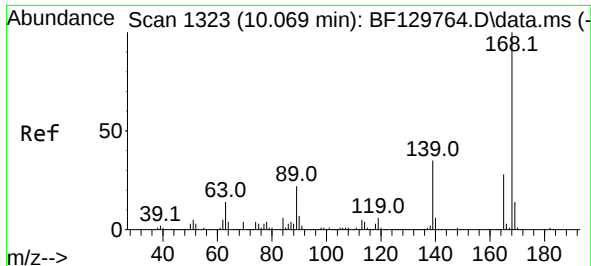
Ion Ratio Lower Upper

165 100

63 1.3 47.8 71.8#

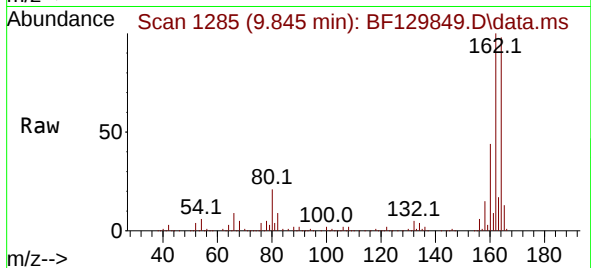
89 1.5 47.2 70.8#



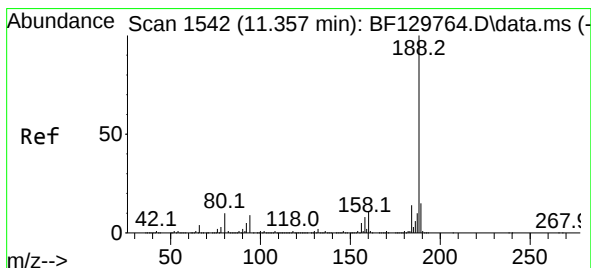
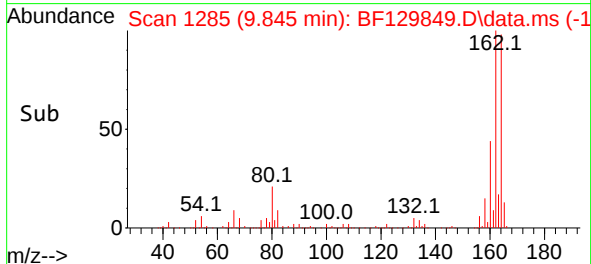
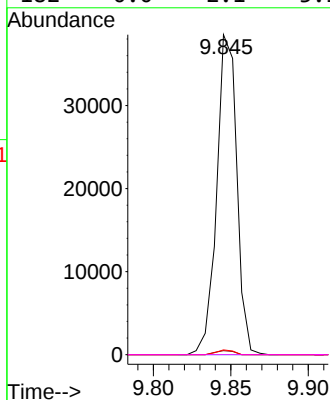


#57
2,4-Dinitrotoluene
Concen: 6.259 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

Instrument :
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ClientSampleId :
S6

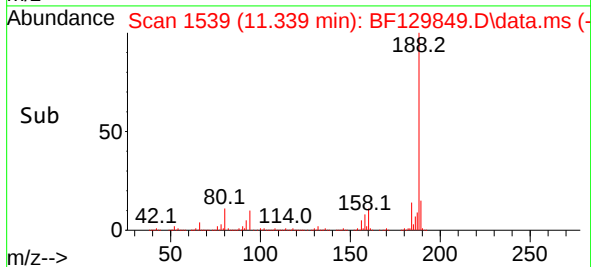
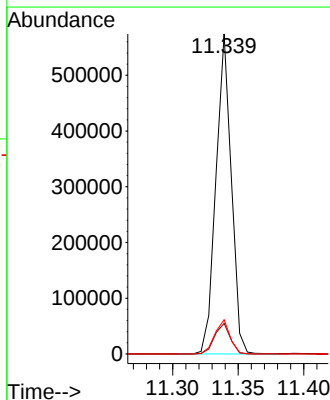
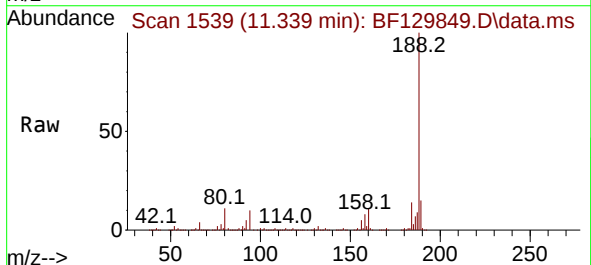


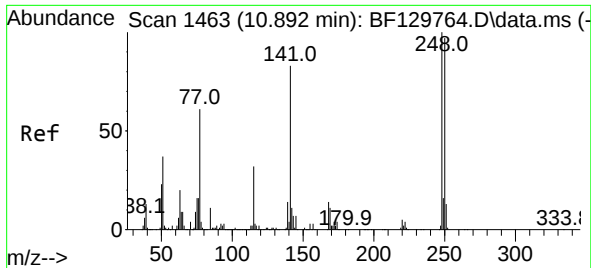
Tgt Ion:165 Resp: 34798
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

Tgt Ion:188 Resp: 466475
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.7 7.9 11.9

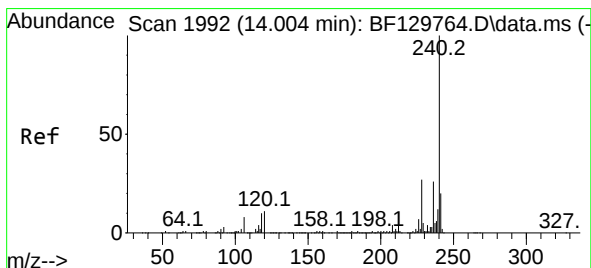
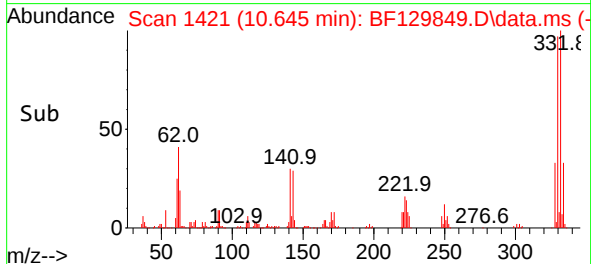
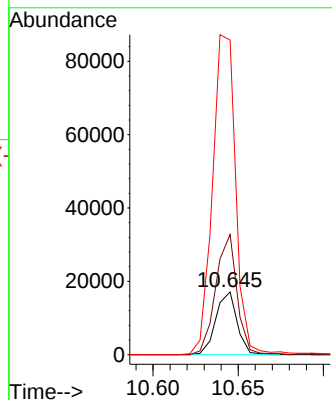
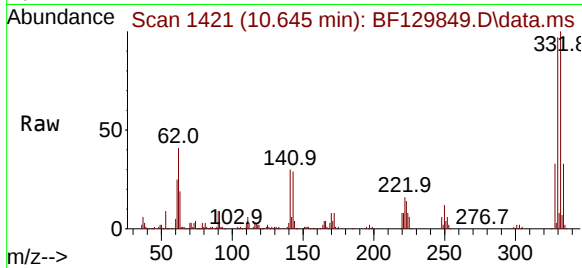




#67
4-Bromophenyl-phenylether
Concen: 2.710 ng
RT: 10.645 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

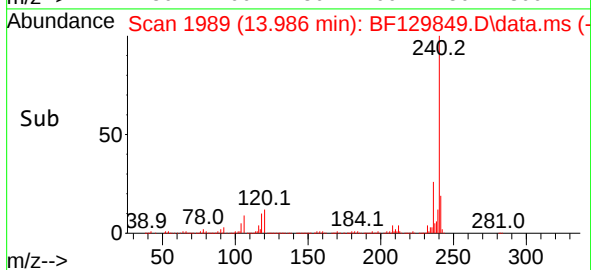
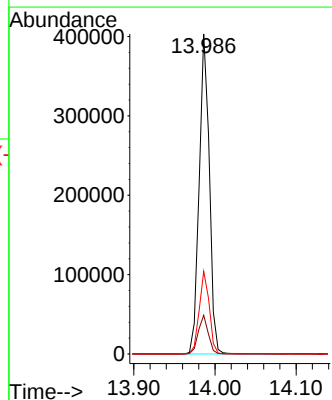
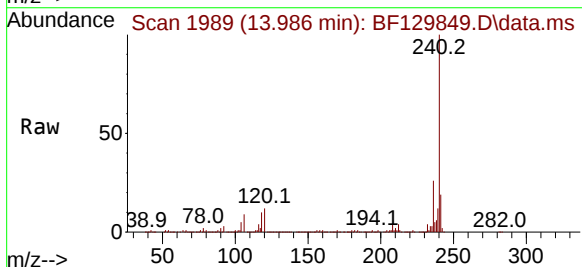
Instrument :
BNA_F
ClientSampleId :
S6

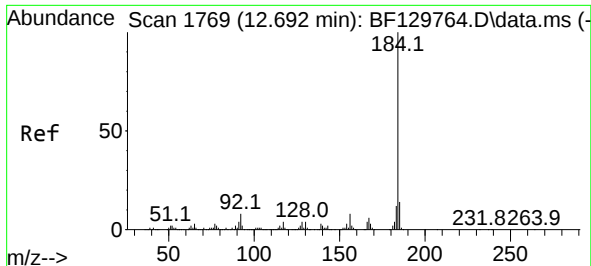
Tgt Ion:248 Resp: 14808
Ion Ratio Lower Upper
248 100
250 191.7 77.8 116.6#
141 502.1 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

Tgt Ion:240 Resp: 351386
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.8 20.7 31.1

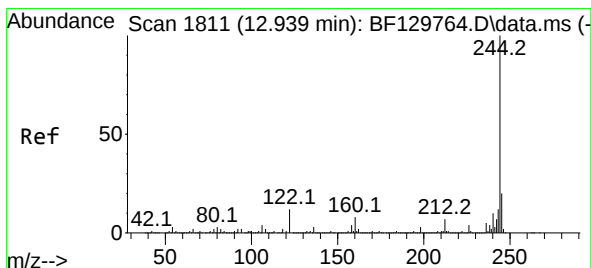
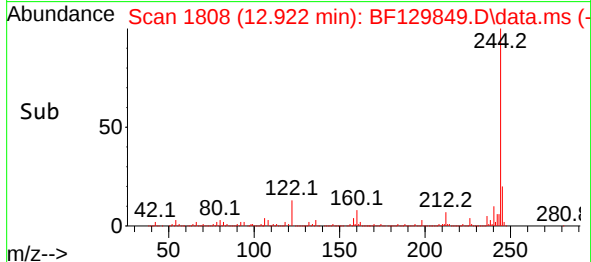
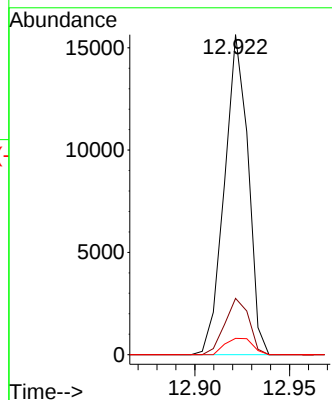
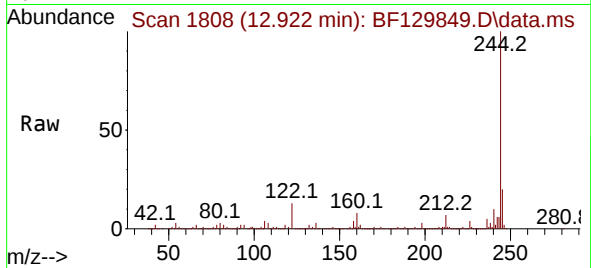




#77
Benzidine
Concen: Below Cal
RT: 12.922 min Scan# 1808
Delta R.T. 0.241 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

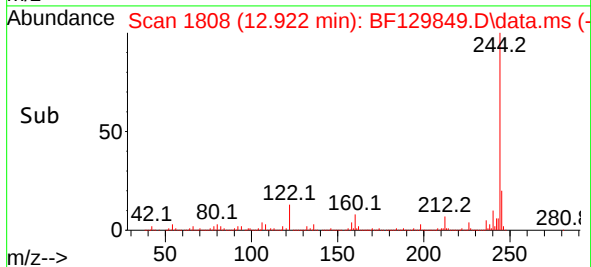
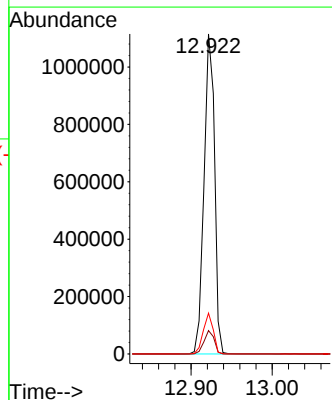
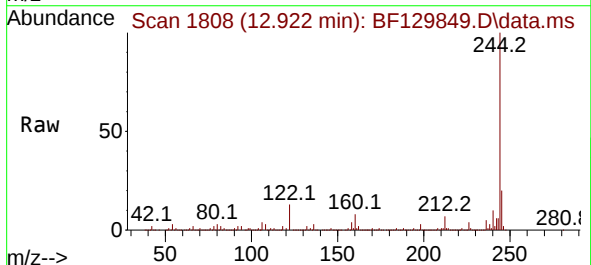
Instrument :
BNA_F
ClientSampleId :
S6

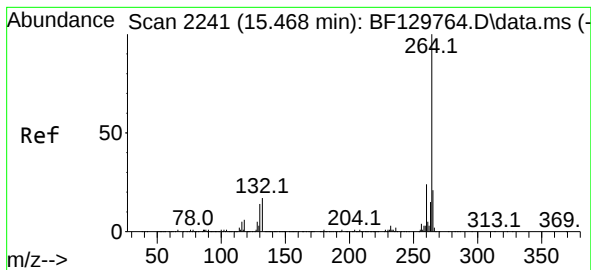
Tgt Ion:184 Resp: 13581
Ion Ratio Lower Upper
184 100
185 17.6 11.4 17.2#
183 5.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 47.460 ng
RT: 12.922 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF129849.D
Acq: 17 Aug 2022 17:59

Tgt Ion:244 Resp: 1002249
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.8 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129849.D
 Acq: 17 Aug 2022 17:59

Instrument :
 BNA_F
 ClientSampleId :
 S6

Tgt Ion:264 Resp: 264327
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.9 16.7 25.1

