

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129818.D
 Acq On : 16 Aug 2022 19:10
 Operator : CG\JU
 Sample : N4208-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Quant Time: Aug 17 02:36:31 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)

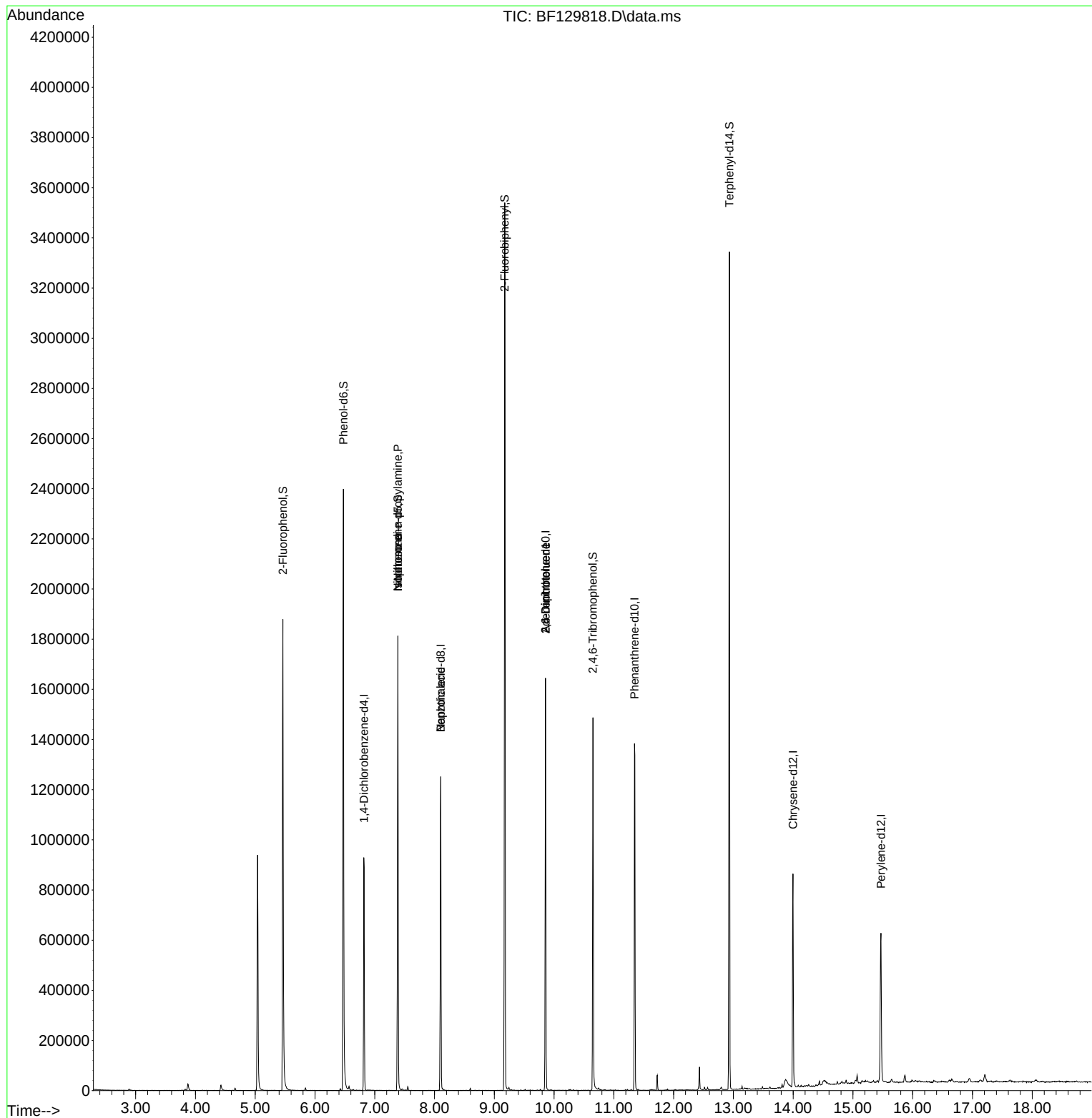
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	145182	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	576282	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	306434	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	514466	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	275502	20.000	ng	0.00
86) Perylene-d12	15.468	264	274380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	549875	62.709	ng	0.00
7) Phenol-d6	6.475	99	772205	70.323	ng	0.00
23) Nitrobenzene-d5	7.386	82	544760	50.604	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	162968	52.989	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	1068121	52.940	ng	-0.01
79) Terphenyl-d14	12.933	244	1013985	61.241	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.469	77	1266	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.386	70	71992	10.372	ng	# 75
25) Isophorone	7.386	82	544754	29.401	ng	# 65
32) Benzoic acid	8.104	122	68	2.175	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	39601	8.310	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	39601	6.402	ng	# 18
77) Benzidine	12.933	184	14472	Below Cal	#	94

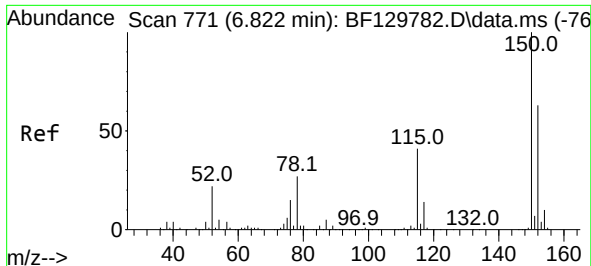
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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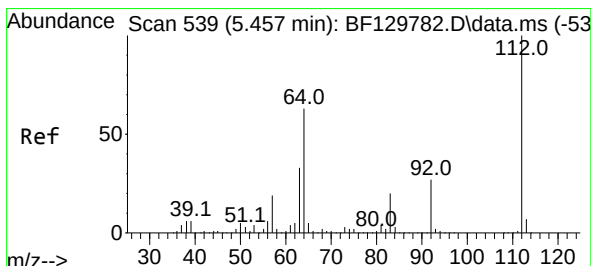
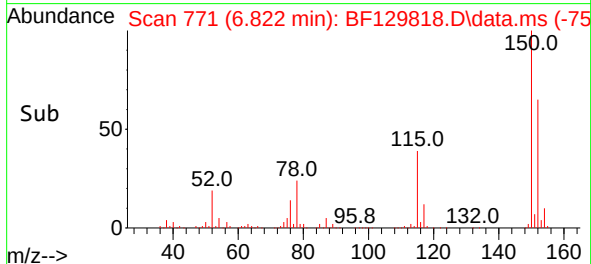
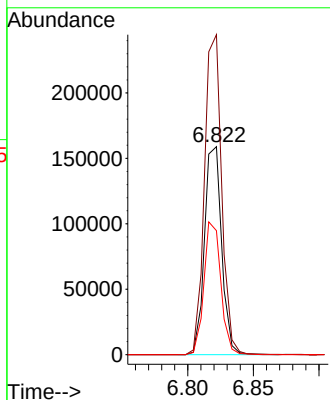
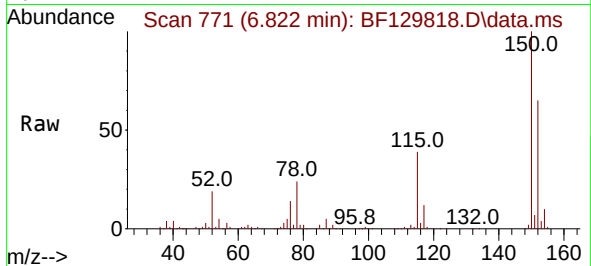




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

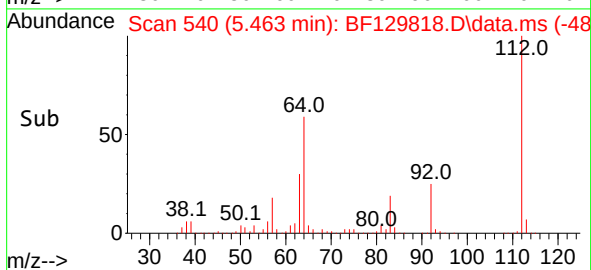
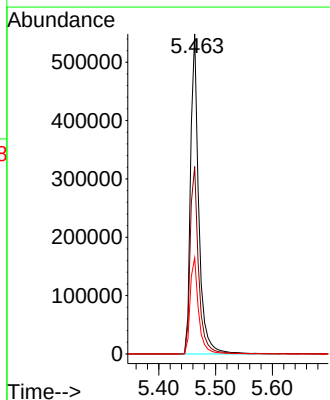
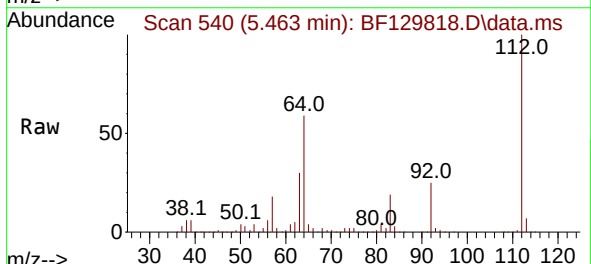
Instrument :
BNA_F
ClientSampleId :
W-2

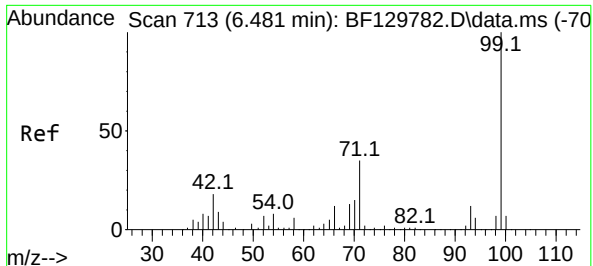
Tgt Ion:152 Resp: 145182
Ion Ratio Lower Upper
152 100
150 153.8 126.9 190.3
115 59.6 53.4 80.0



#5
2-Fluorophenol
Concen: 62.709 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

Tgt Ion:112 Resp: 549875
Ion Ratio Lower Upper
112 100
64 58.6 47.6 71.4
63 30.0 24.6 37.0

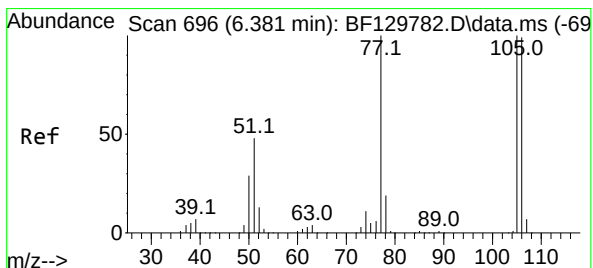
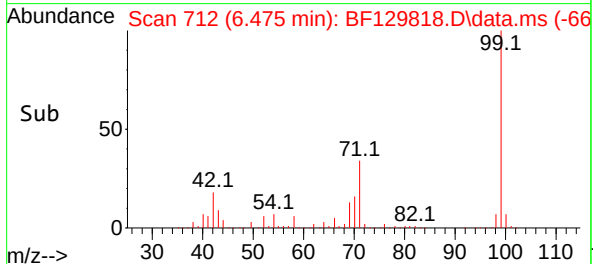
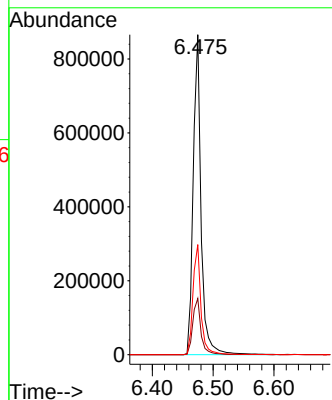
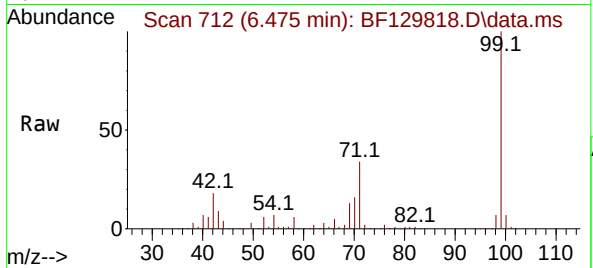




#7
Phenol-d6
Concen: 70.323 ng
RT: 6.475 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

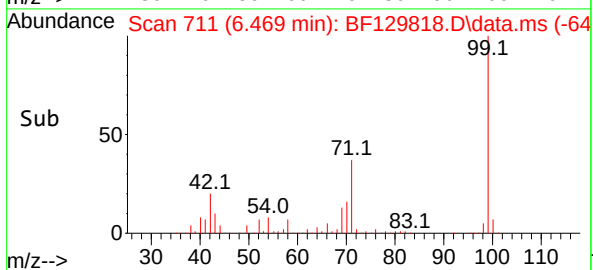
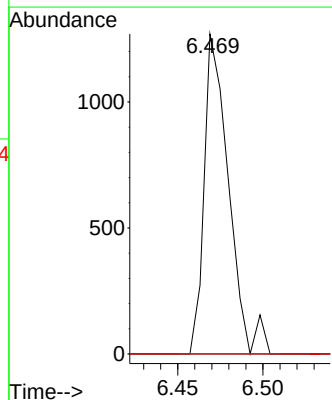
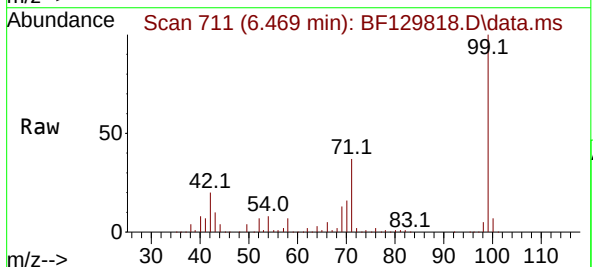
Instrument :
BNA_F
ClientSampleId :
W-2

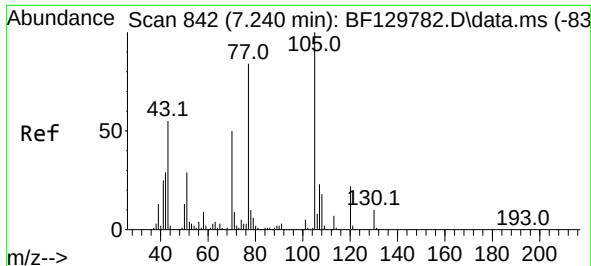
Tgt Ion: 99 Resp: 772205
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 34.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.469 min Scan# 711
Delta R.T. 0.088 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

Tgt Ion: 77 Resp: 1266
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

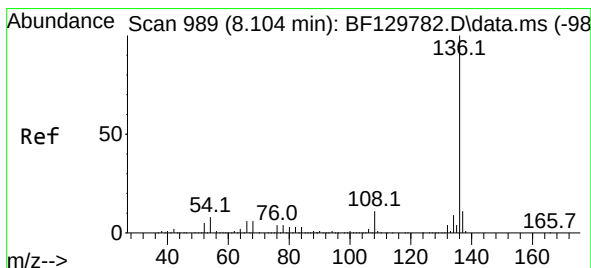
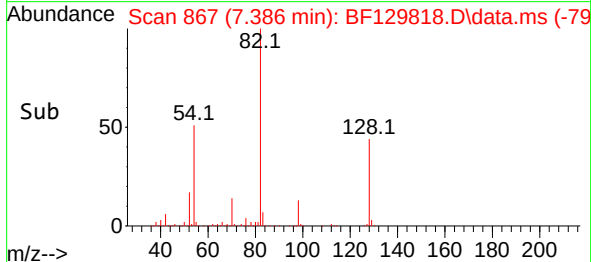
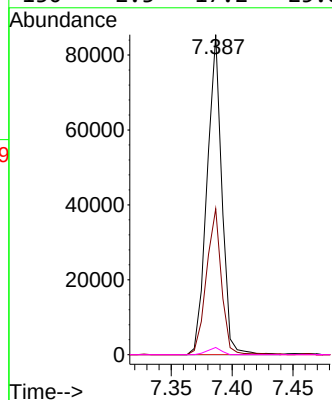
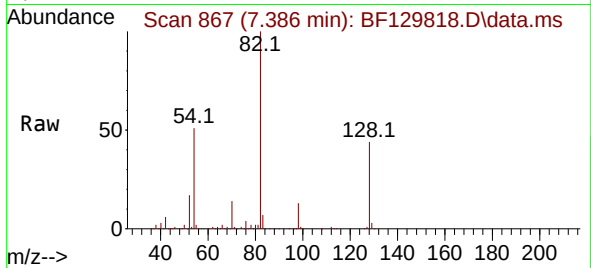




#19
n-Nitroso-di-n-propylamine
Concen: 10.372 ng
RT: 7.386 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

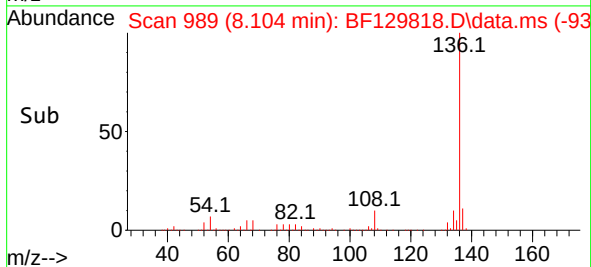
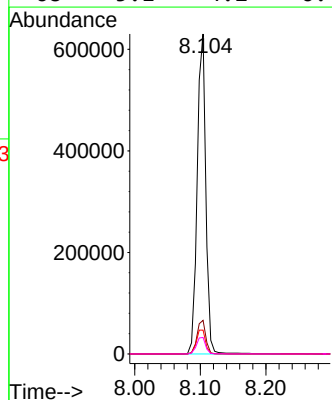
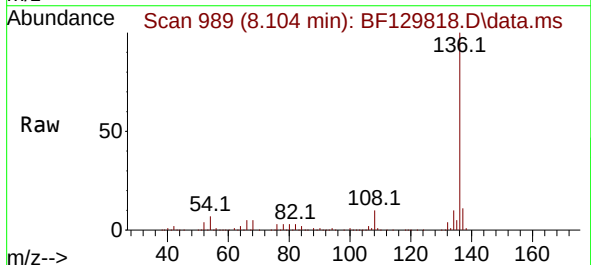
Instrument :
BNA_F
ClientSampleId :
W-2

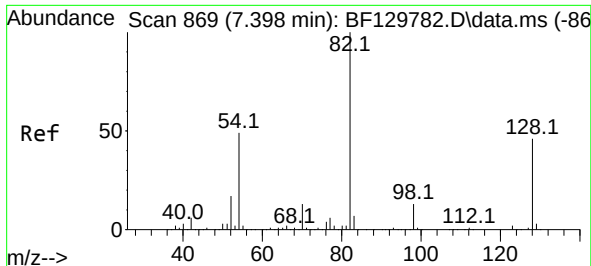
Tgt Ion:	70	Resp:	71992
Ion	Ratio	Lower	Upper
70	100		
42	45.6	47.6	71.4#
101	0.0	8.1	12.1#
130	2.3	17.2	25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

Tgt Ion:	136	Resp:	576282
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.5	6.2	9.2
68	5.1	4.2	6.4

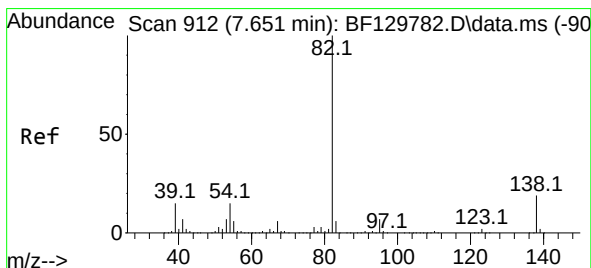
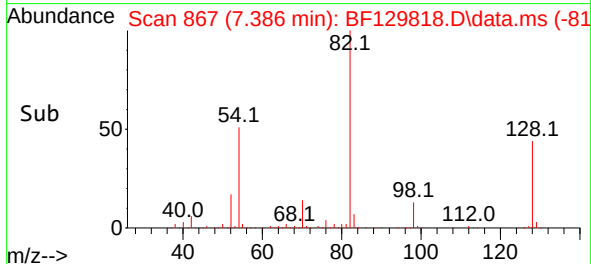
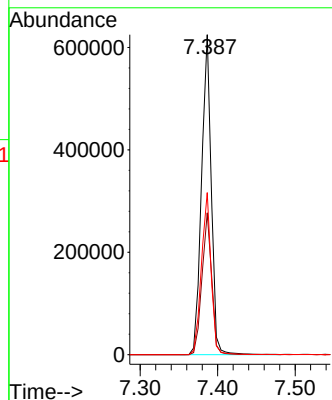
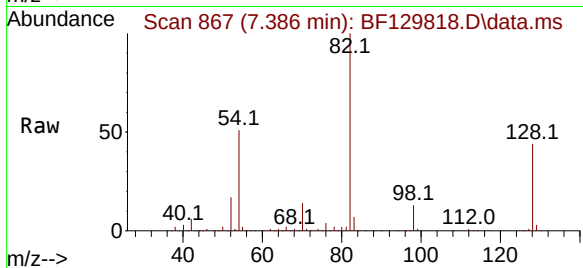




#23
Nitrobenzene-d5
Concen: 50.604 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

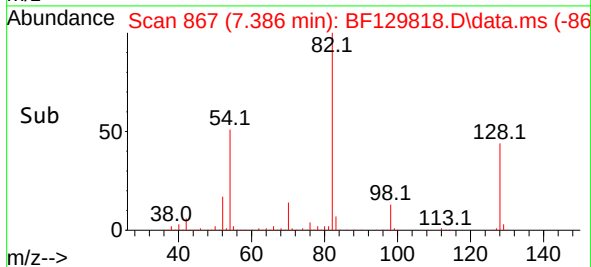
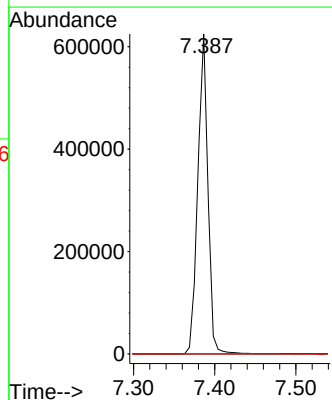
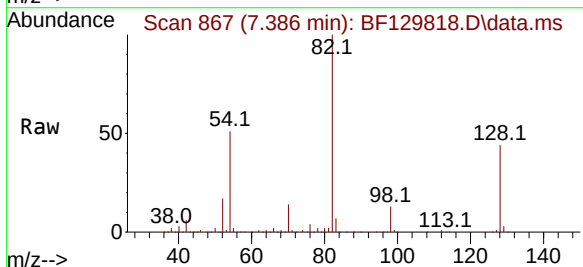
Instrument :
BNA_F
ClientSampleId :
W-2

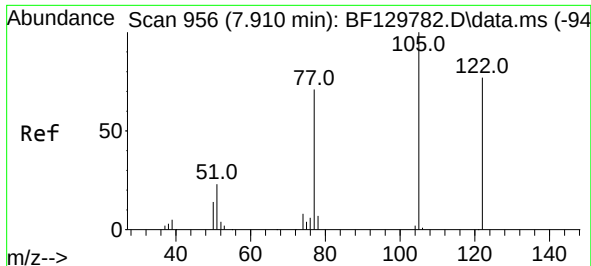
Tgt Ion: 82 Resp: 544760
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 50.6 40.0 60.0



#25
Isophorone
Concen: 29.401 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

Tgt Ion: 82 Resp: 544754
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

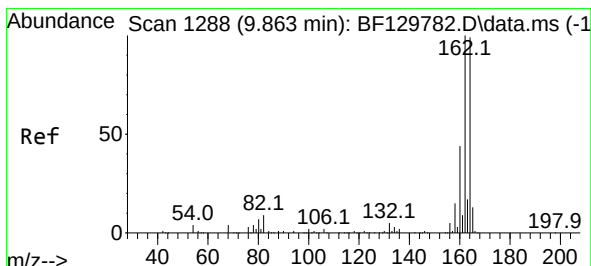
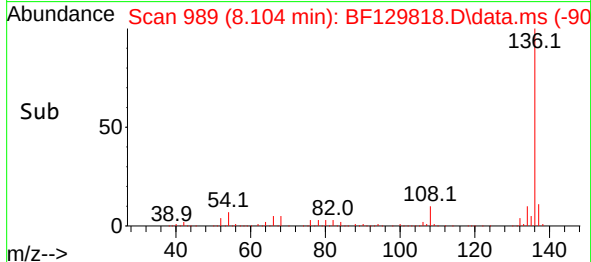
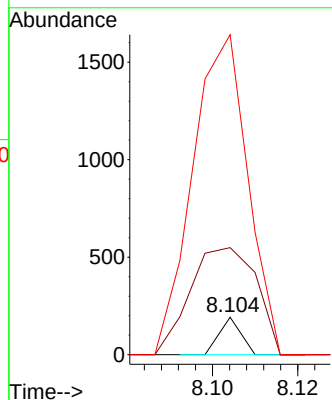
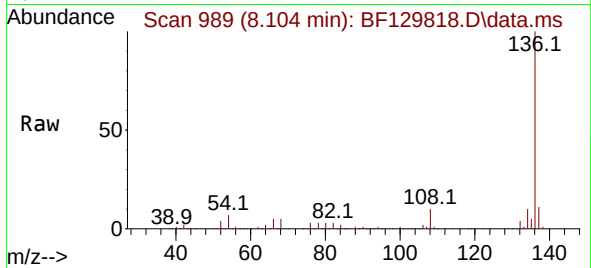




#32
Benzoic acid
Concen: 2.175 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

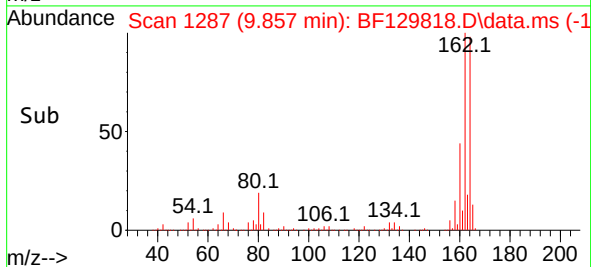
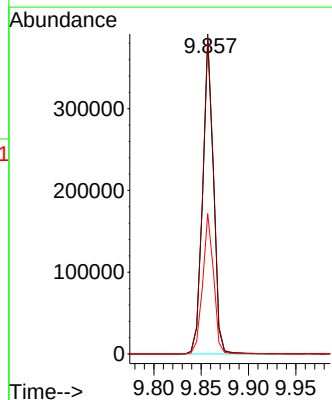
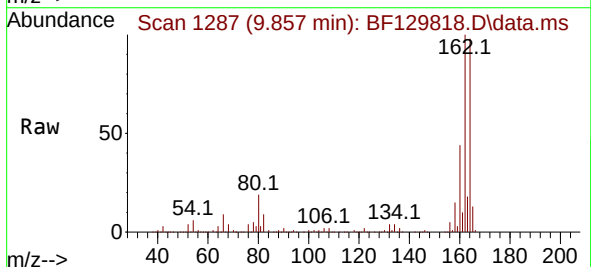
Instrument :
BNA_F
ClientSampleId :
W-2

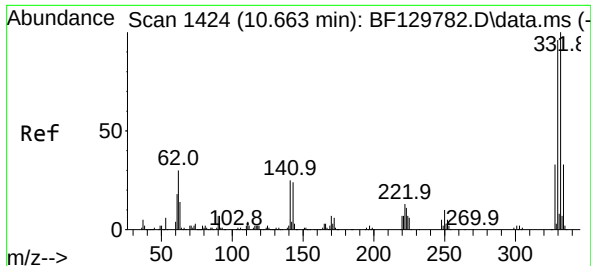
Tgt Ion:	122	Resp:	68
Ion	Ratio	Lower	Upper
122	100		
105	285.9	99.9	139.9#
77	854.7	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

Tgt Ion:	164	Resp:	306434
Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.0	123.0
160	44.6	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 52.989 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF129818.D

Acq: 16 Aug 2022 19:10

Instrument :

BNA_F

ClientSampleId :

W-2

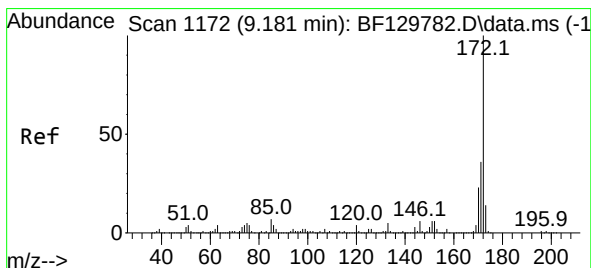
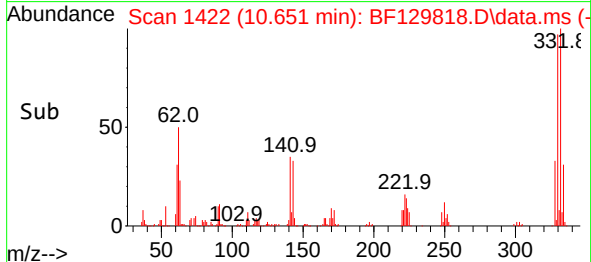
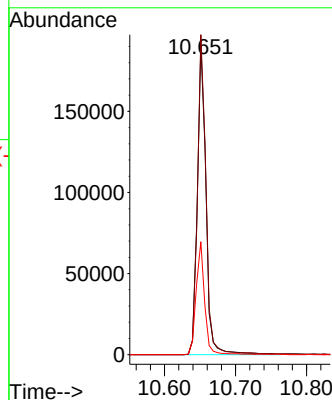
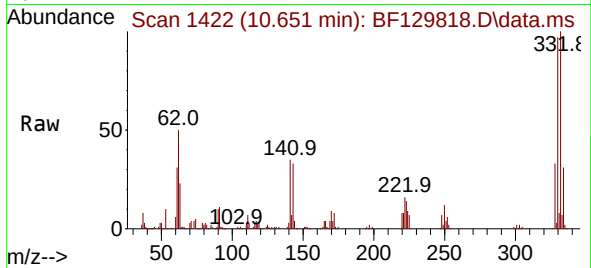
Tgt Ion:330 Resp: 162968

Ion Ratio Lower Upper

330 100

332 100.3 82.6 124.0

141 35.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 52.940 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF129818.D

Acq: 16 Aug 2022 19:10

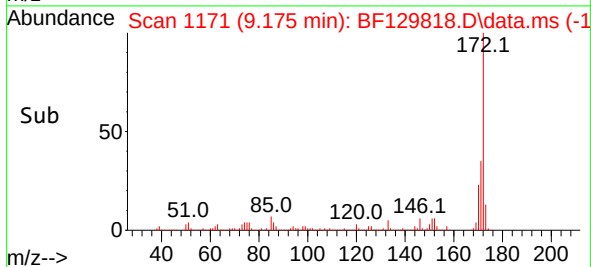
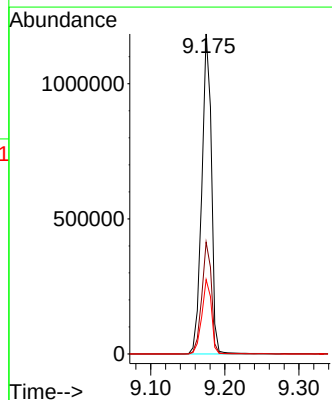
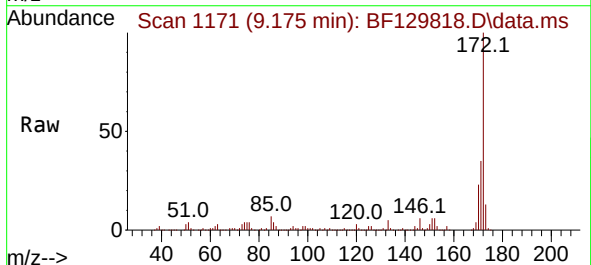
Tgt Ion:172 Resp: 1068121

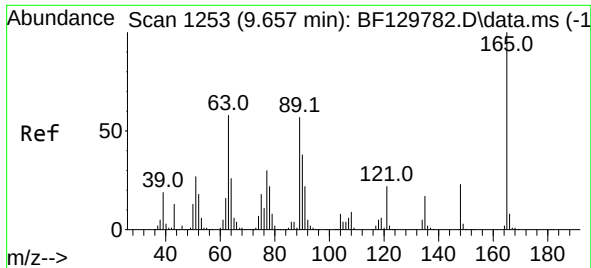
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.2 19.1 28.7

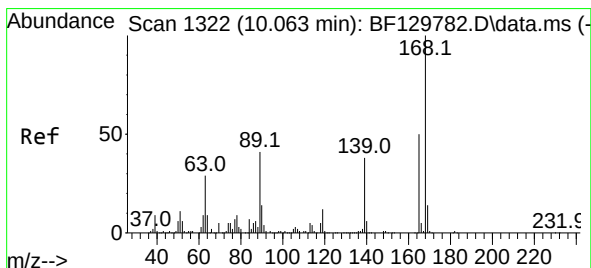
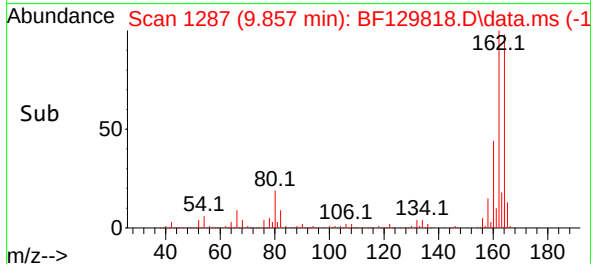
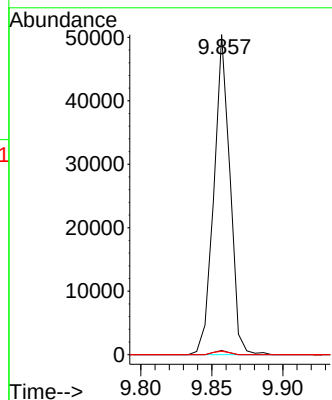
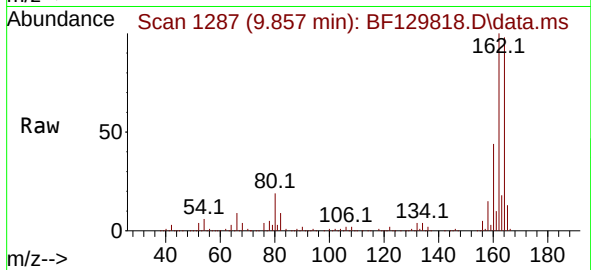




#51
2,6-Dinitrotoluene
Concen: 8.310 ng
RT: 9.857 min Scan# 1287
Delta R.T. 0.200 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

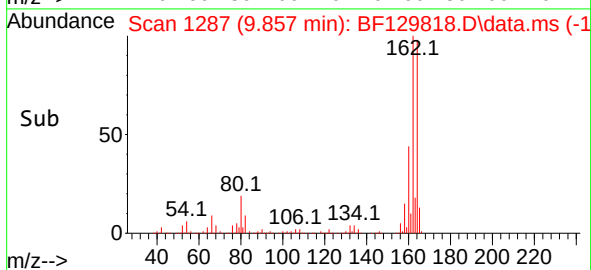
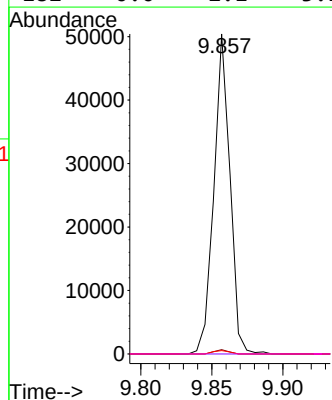
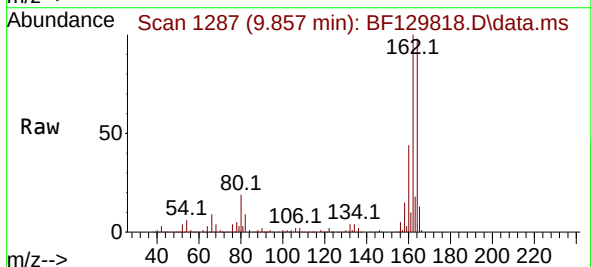
Instrument :
BNA_F
ClientSampleId :
W-2

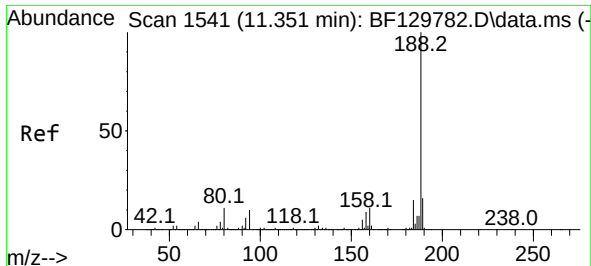
Tgt Ion:165 Resp: 39601
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.402 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

Tgt Ion:165 Resp: 39601
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.0 62.3 93.5#
182 0.0 2.1 3.1#

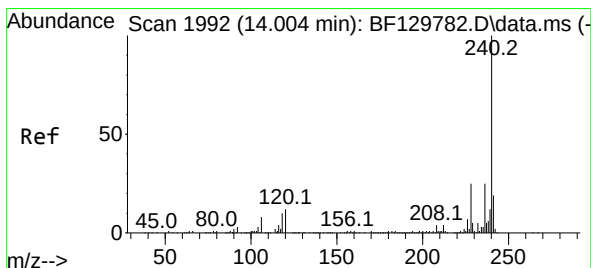
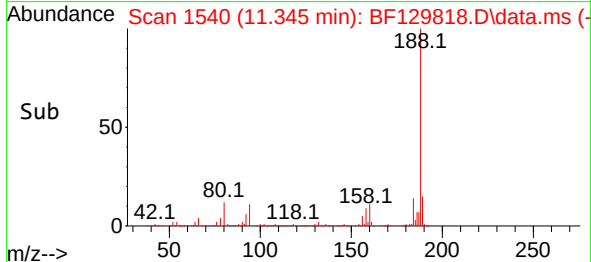
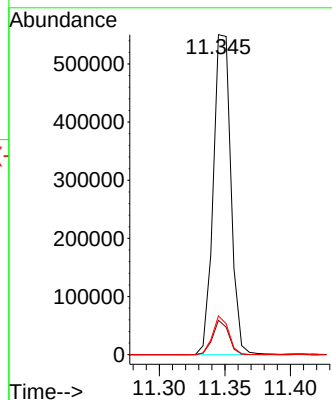
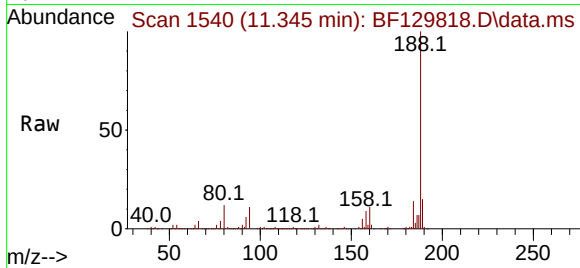




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

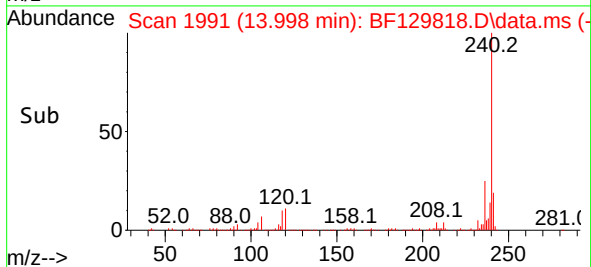
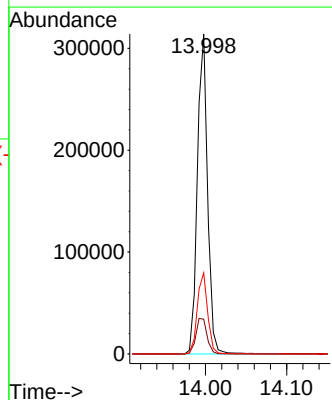
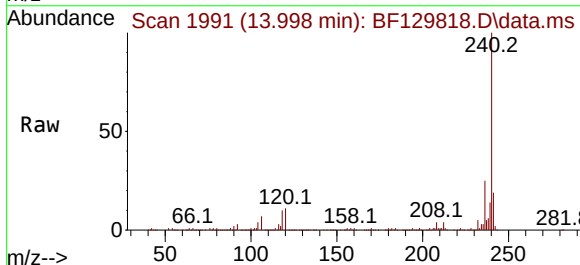
Instrument :
BNA_F
ClientSampleId :
W-2

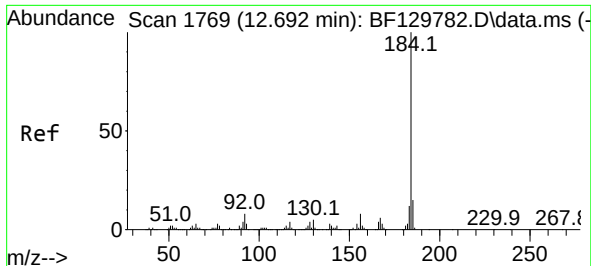
Tgt Ion:188 Resp: 514466
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.2
80 12.1 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

Tgt Ion:240 Resp: 275502
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.4 20.7 31.1

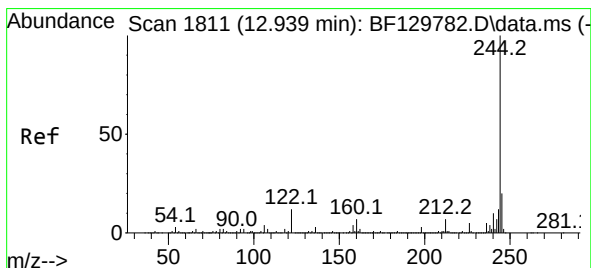
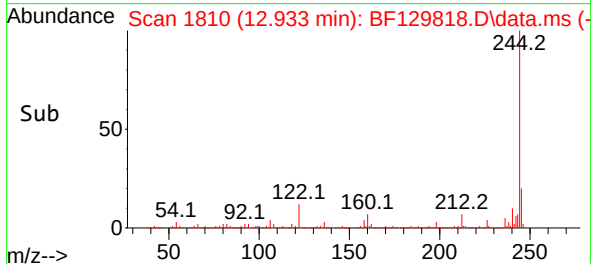
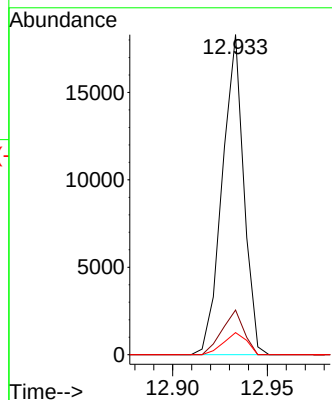
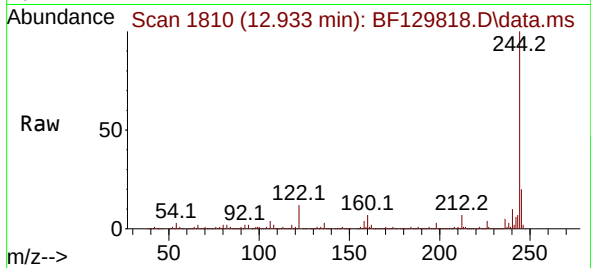




#77
Benzidine
Concen: Below Cal
RT: 12.933 min Scan# 1810
Delta R.T. 0.241 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

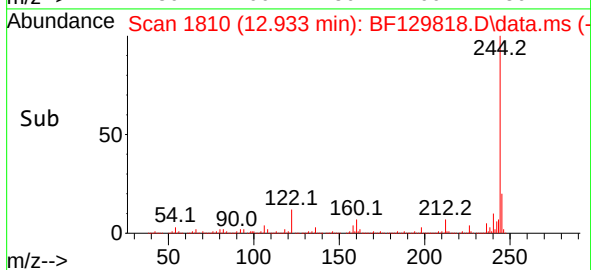
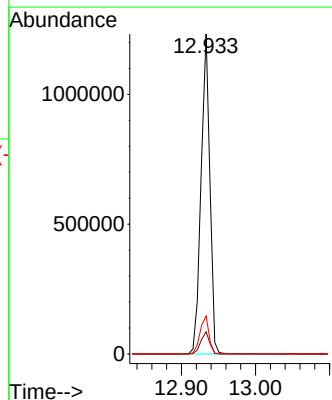
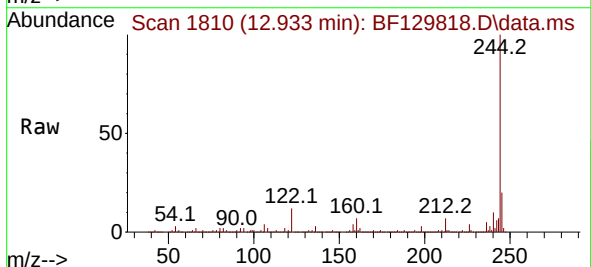
Instrument :
BNA_F
ClientSampleId :
W-2

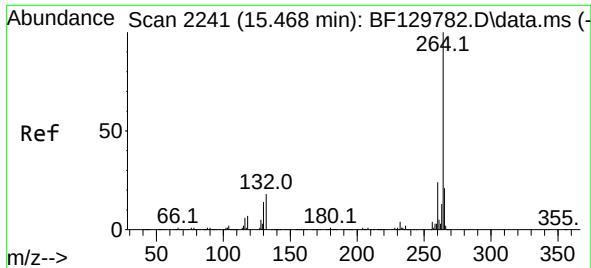
Tgt Ion:184 Resp: 14472
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 6.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 61.241 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129818.D
Acq: 16 Aug 2022 19:10

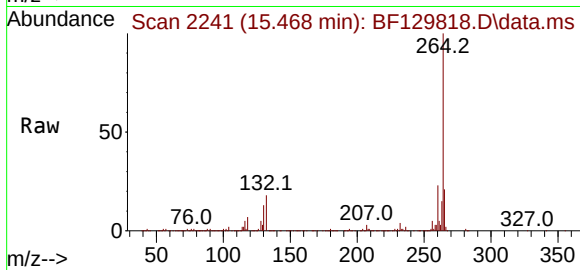
Tgt Ion:244 Resp: 1013985
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.9 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF129818.D
 Acq: 16 Aug 2022 19:10

Instrument :
 BNA_F
 ClientSampleId :
 W-2



Tgt Ion:264 Resp: 274380
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.1 16.7 25.1

