

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129889.D
 Acq On : 18 Aug 2022 22:23
 Operator : CG\JU
 Sample : N4227-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Aug 19 01:05:48 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)

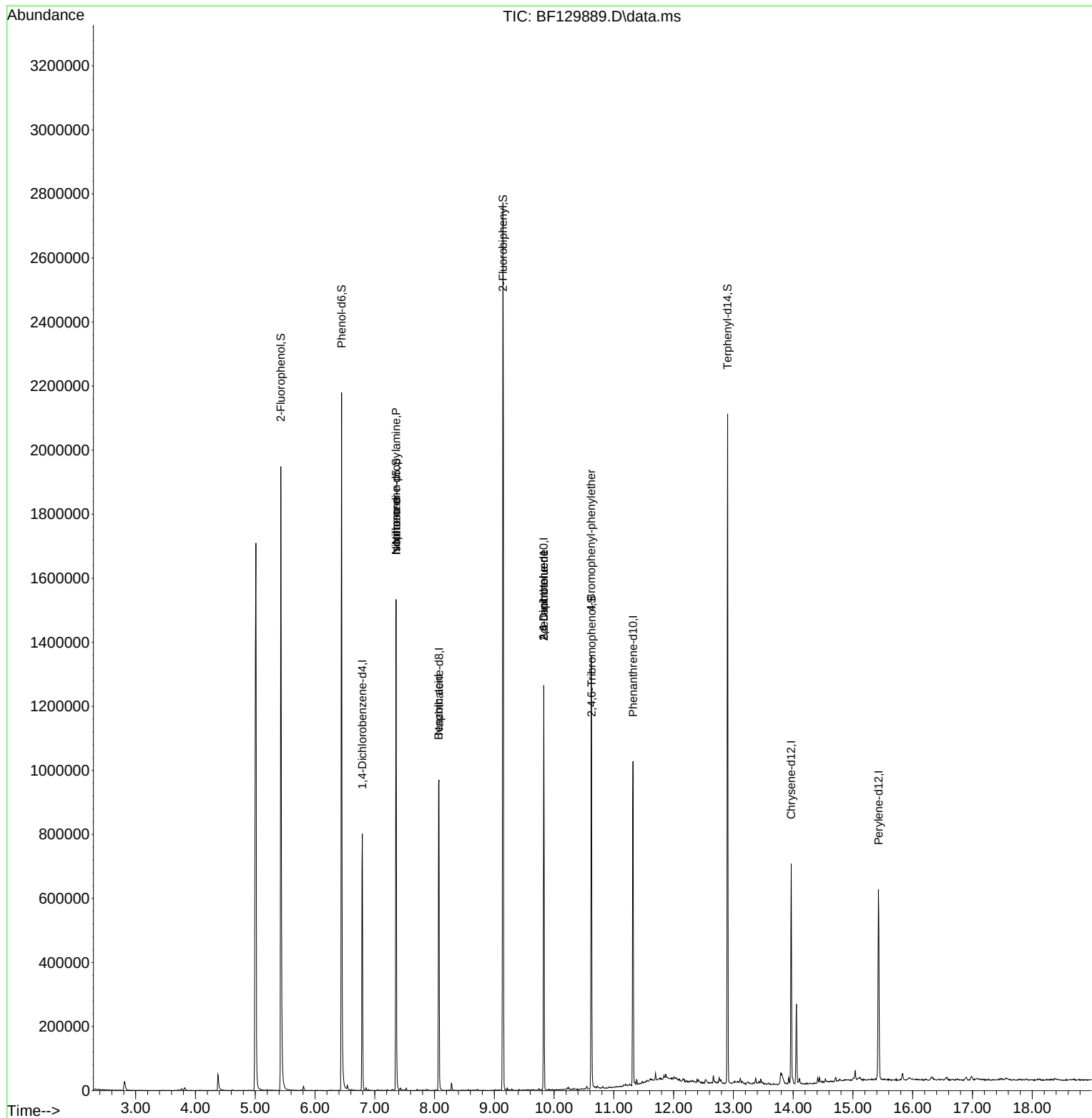
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	116680	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	461181	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	232670	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	357209	20.000	ng	0.00
76) Chrysene-d12	13.968	240	218145	20.000	ng	0.00
86) Perylene-d12	15.427	264	257110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	559219	79.354	ng	0.00
7) Phenol-d6	6.445	99	695128	78.768	ng	0.00
23) Nitrobenzene-d5	7.357	82	442151	51.323	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	149111	63.854	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	826348	53.942	ng	0.00
79) Terphenyl-d14	12.904	244	645730	49.254	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	70	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	58771	10.536	ng	# 75
25) Isophorone	7.357	82	442147	29.819	ng	# 65
32) Benzoic acid	8.069	122	79	2.186	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	31058	8.584	ng	# 22
57) 2,4-Dinitrotoluene	9.828	165	31058	6.613	ng	# 17
67) 4-Bromophenyl-phenylether	10.622	248	9588	2.292	ng	# 1
77) Benzidine	12.669	184	8137	Below Cal	#	92

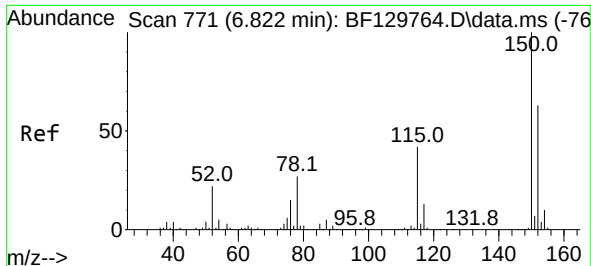
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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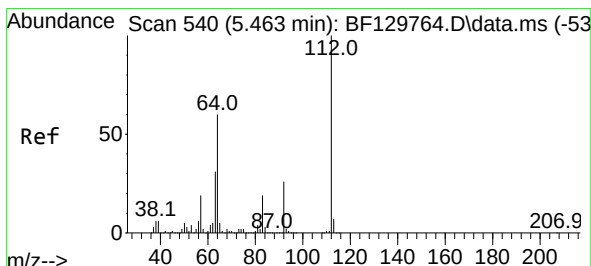
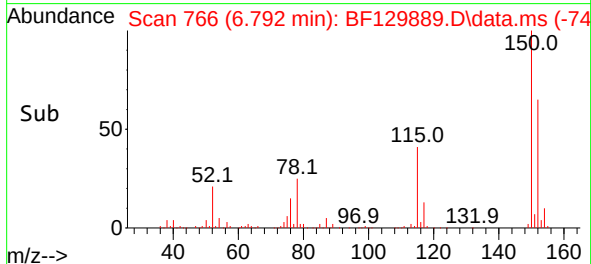
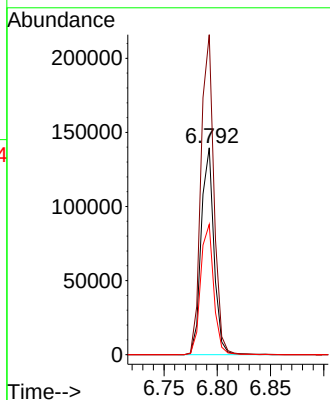
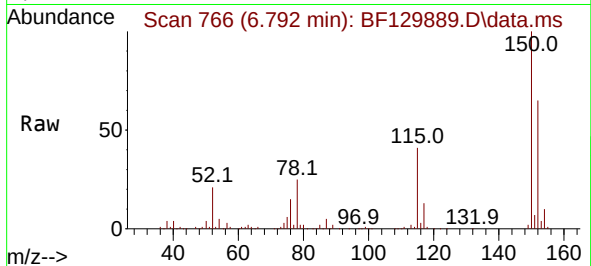




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

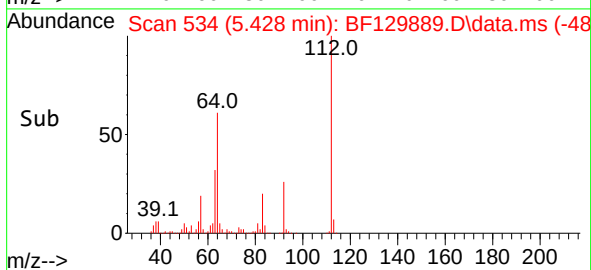
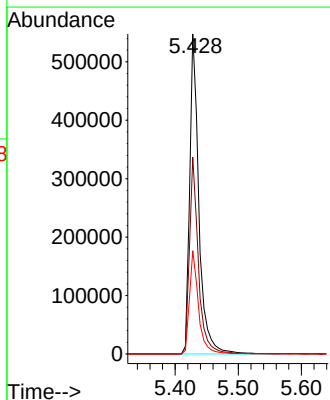
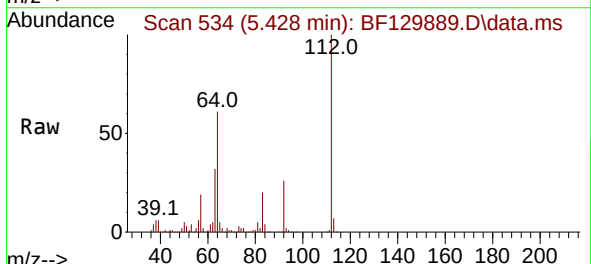
Instrument :
BNA_F
ClientSampleId :
SP-1

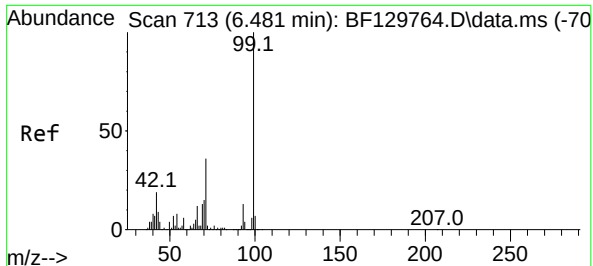
Tgt Ion:152 Resp: 116680
Ion Ratio Lower Upper
152 100
150 154.6 126.9 190.3
115 62.9 53.4 80.0



#5
2-Fluorophenol
Concen: 79.354 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

Tgt Ion:112 Resp: 559219
Ion Ratio Lower Upper
112 100
64 61.4 47.6 71.4
63 32.3 24.6 37.0

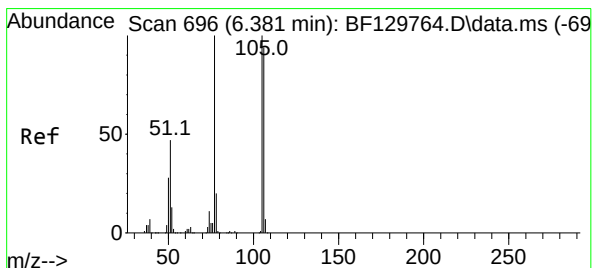
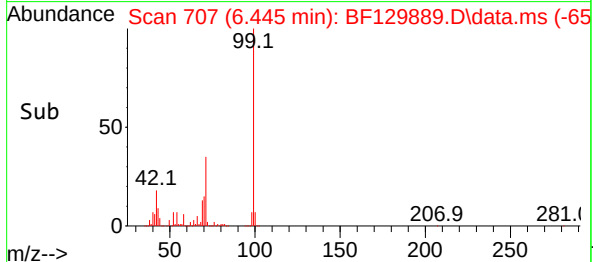
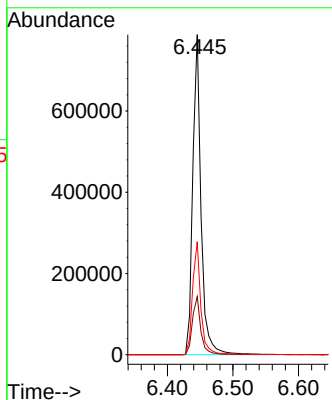
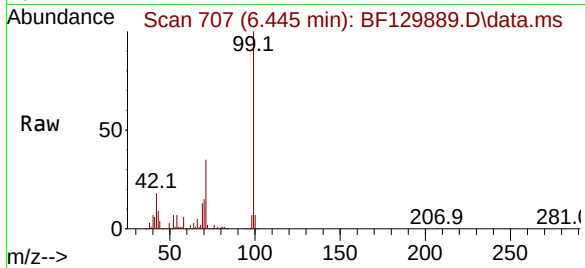




#7
Phenol-d6
Concen: 78.768 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

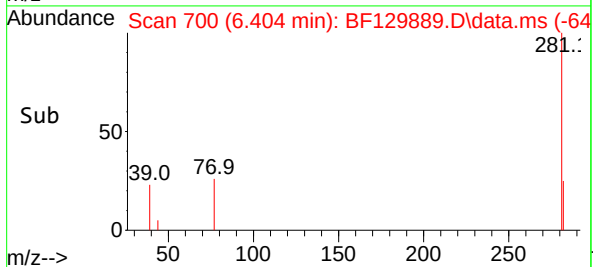
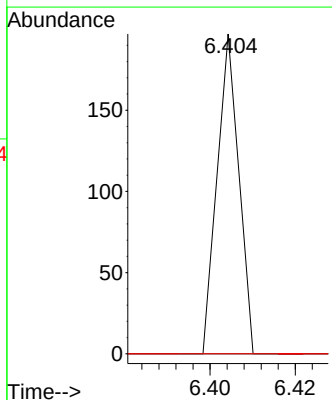
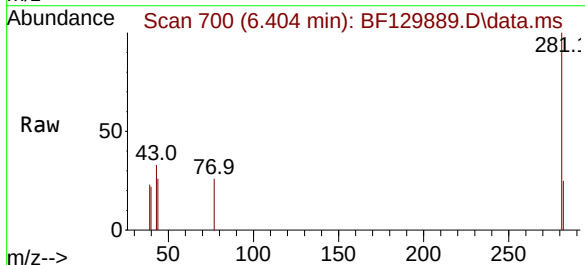
Instrument :
BNA_F
ClientSampleId :
SP-1

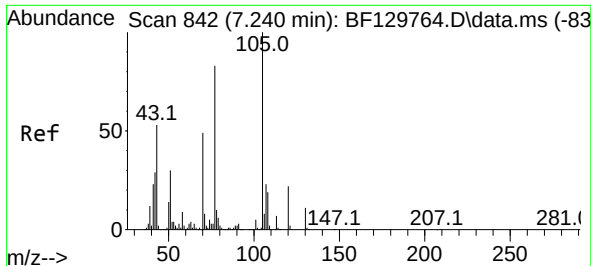
Tgt Ion: 99 Resp: 695128
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 700
Delta R.T. 0.053 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

Tgt Ion: 77 Resp: 70
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

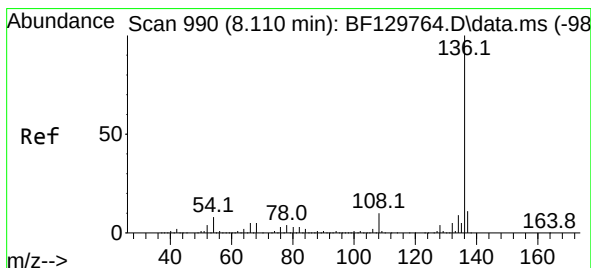
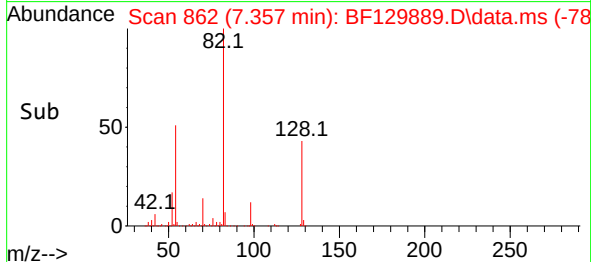
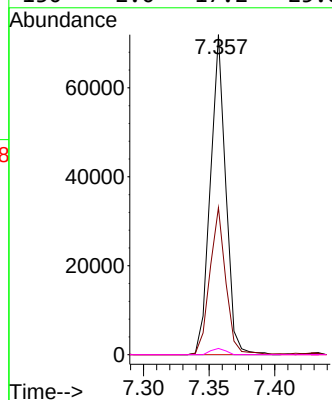
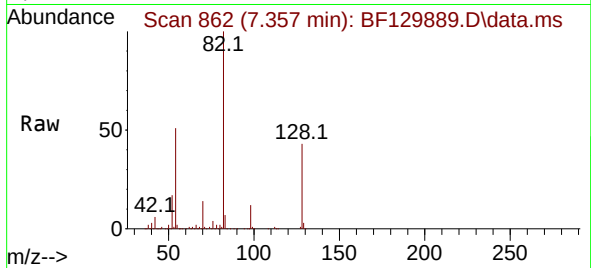




#19
n-Nitroso-di-n-propylamine
Concen: 10.536 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

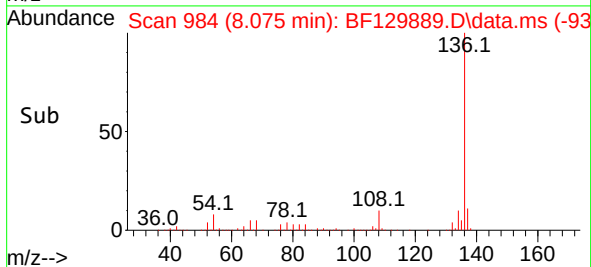
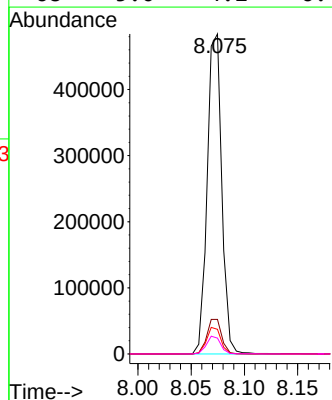
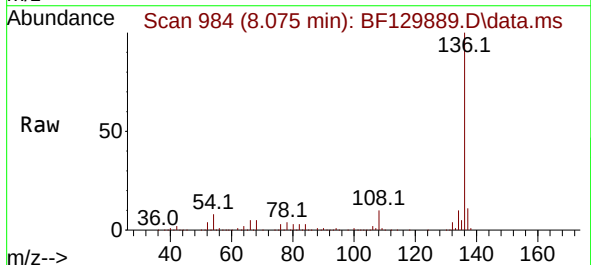
Instrument :
BNA_F
ClientSampleId :
SP-1

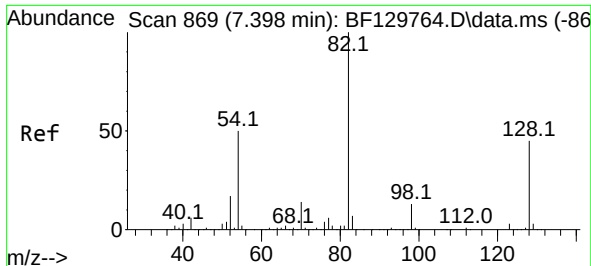
Tgt Ion: 70 Resp: 58771
Ion Ratio Lower Upper
70 100
42 45.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

Tgt Ion: 136 Resp: 461181
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.7 6.2 9.2
68 5.0 4.2 6.4

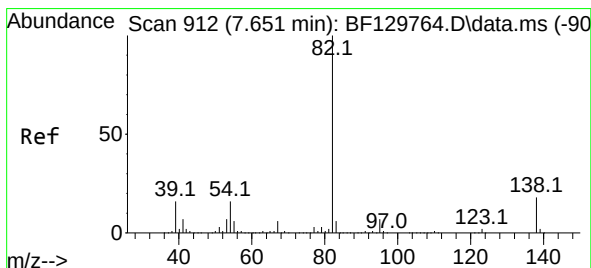
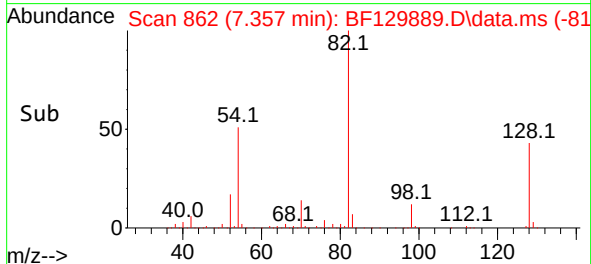
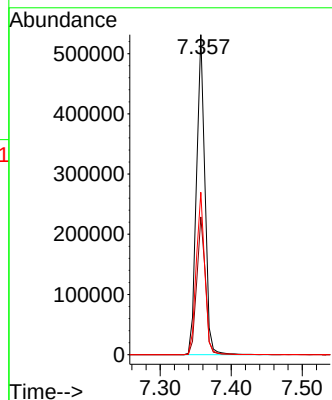
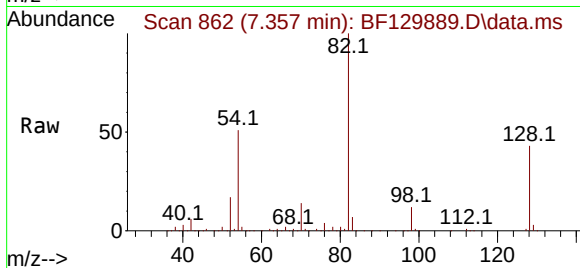




#23
Nitrobenzene-d5
Concen: 51.323 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

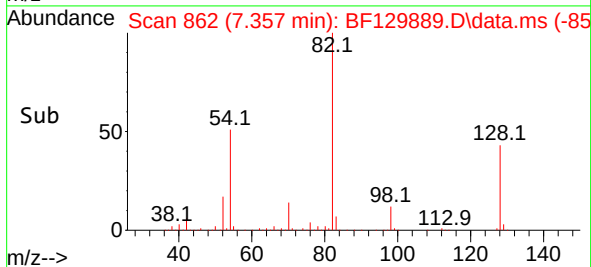
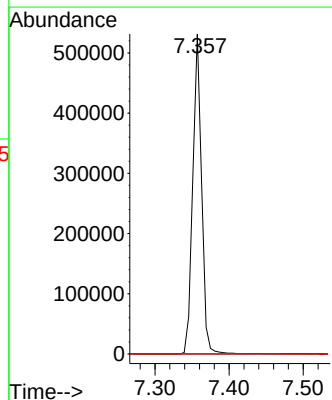
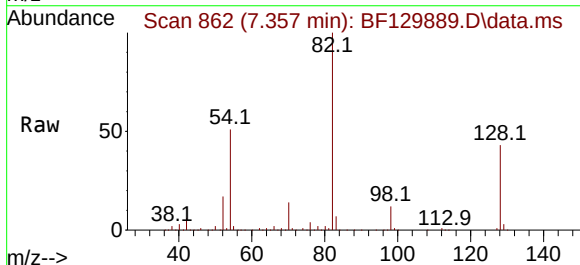
Instrument :
BNA_F
ClientSampleId :
SP-1

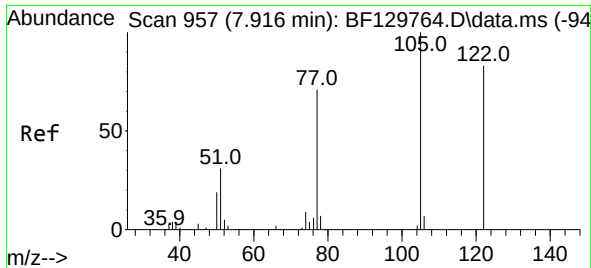
Tgt Ion: 82 Resp: 442151
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 50.8 40.0 60.0



#25
Isophorone
Concen: 29.819 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.265 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

Tgt Ion: 82 Resp: 442147
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

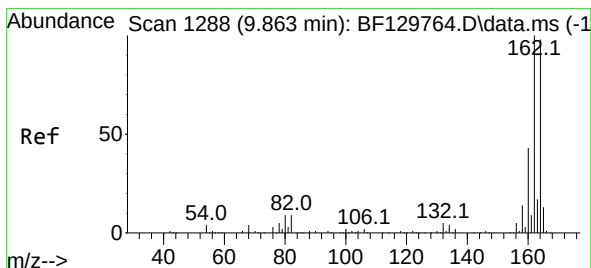
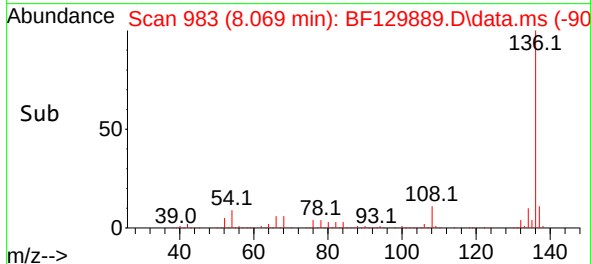
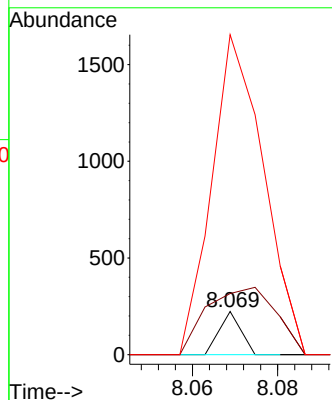
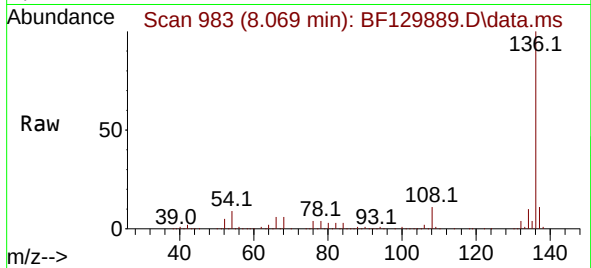




#32
Benzoic acid
Concen: 2.186 ng
RT: 8.069 min Scan# 91
Delta R.T. 0.182 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

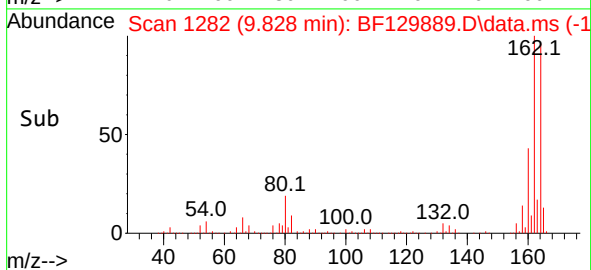
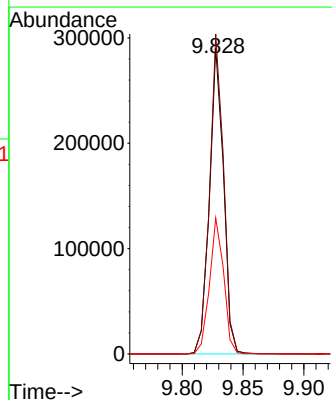
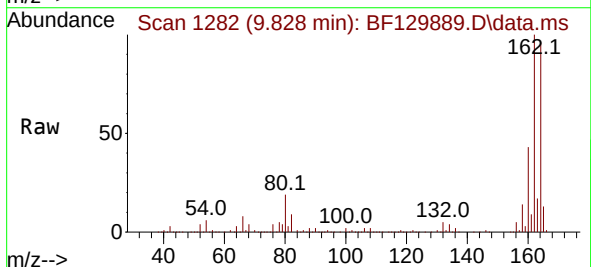
Instrument :
BNA_F
ClientSampleId :
SP-1

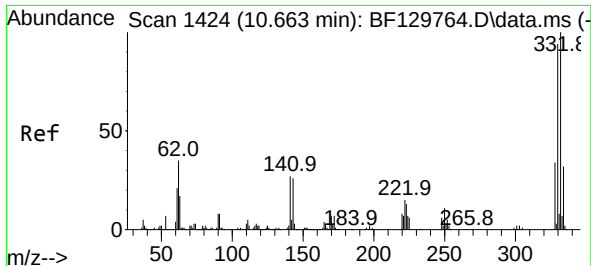
Tgt Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 141.7 99.9 139.9#
77 742.2 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

Tgt Ion:164 Resp: 232670
Ion Ratio Lower Upper
164 100
162 104.5 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 63.854 ng

RT: 10.627 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF129889.D

Acq: 18 Aug 2022 22:23

Instrument :

BNA_F

ClientSampleId :

SP-1

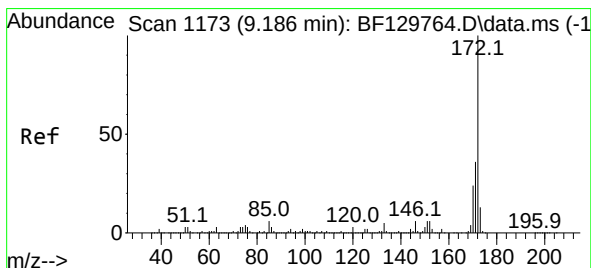
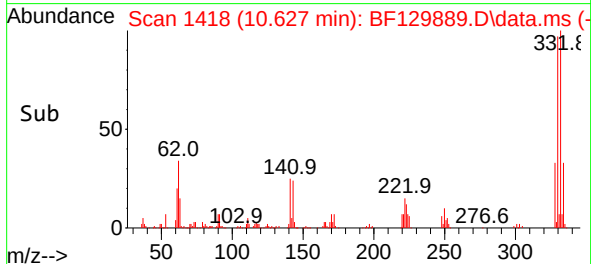
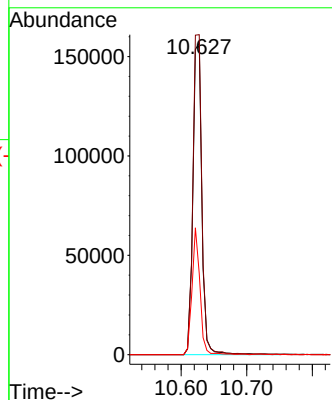
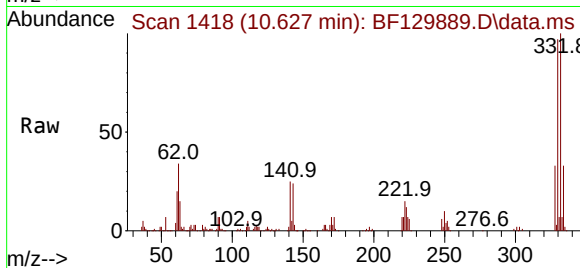
Tgt Ion:330 Resp: 149111

Ion Ratio Lower Upper

330 100

332 103.7 82.6 124.0

141 35.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 53.942 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF129889.D

Acq: 18 Aug 2022 22:23

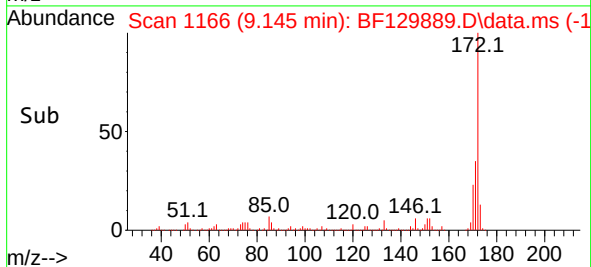
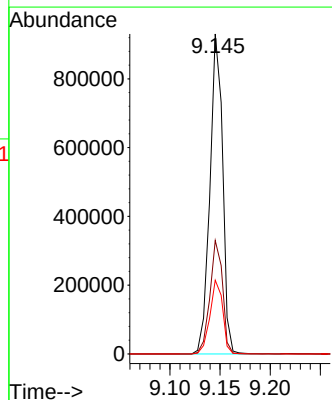
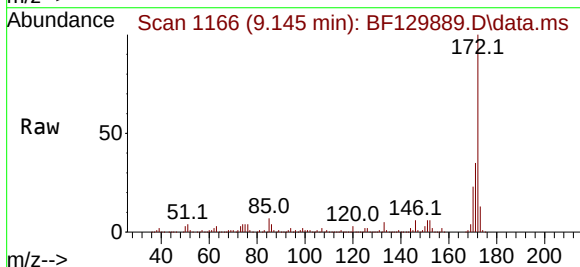
Tgt Ion:172 Resp: 826348

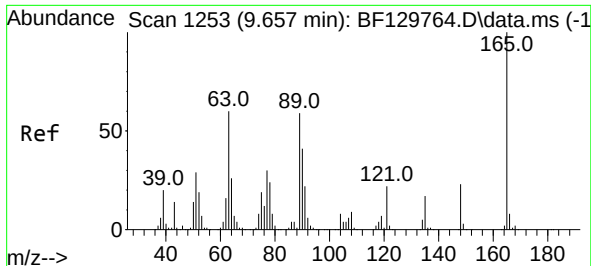
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.0 19.1 28.7

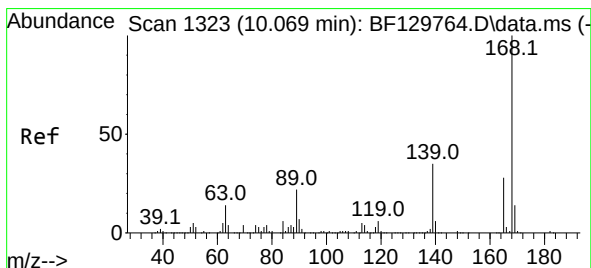
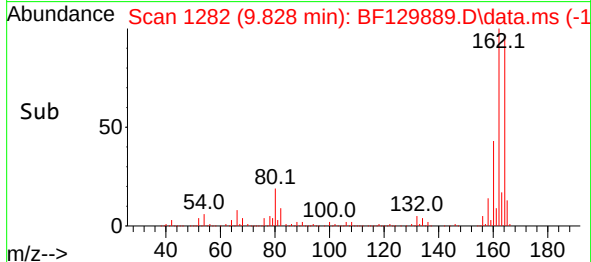
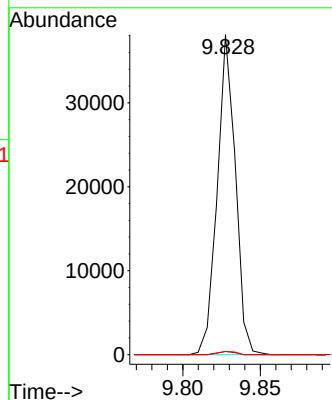
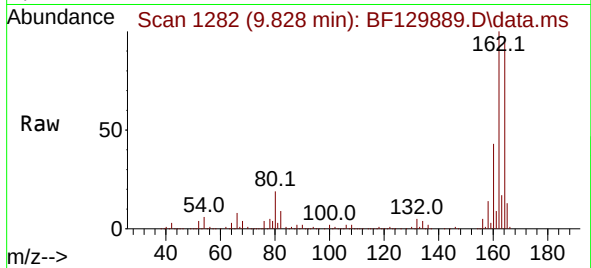




#51
2,6-Dinitrotoluene
Concen: 8.584 ng
RT: 9.828 min Scan# 1282
Delta R.T. 0.200 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

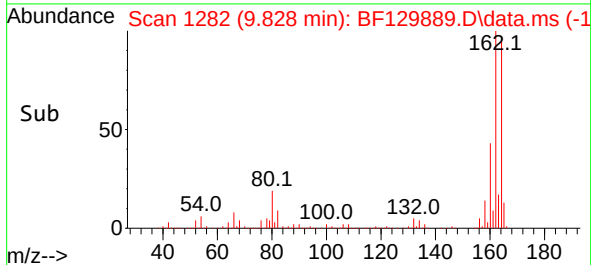
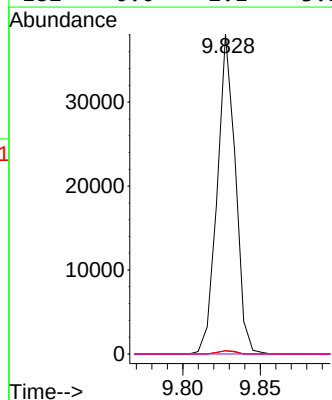
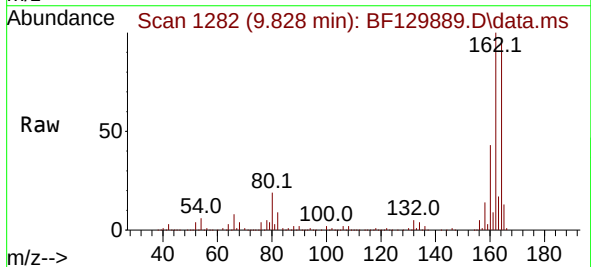
Instrument :
BNA_F
ClientSampleId :
SP-1

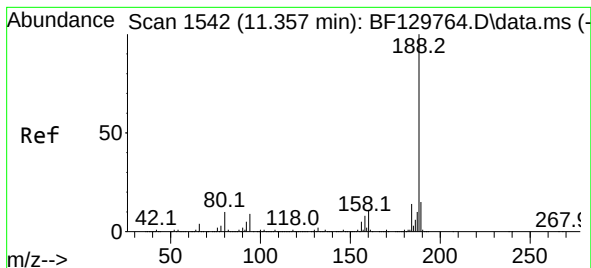
Tgt Ion:165 Resp: 31058
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.613 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.212 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

Tgt Ion:165 Resp: 31058
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.322 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129889.D

Acq: 18 Aug 2022 22:23

Instrument :

BNA_F

ClientSampleId :

SP-1

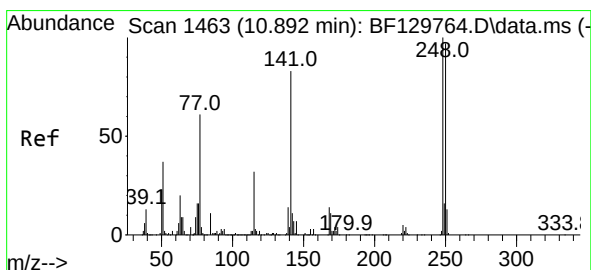
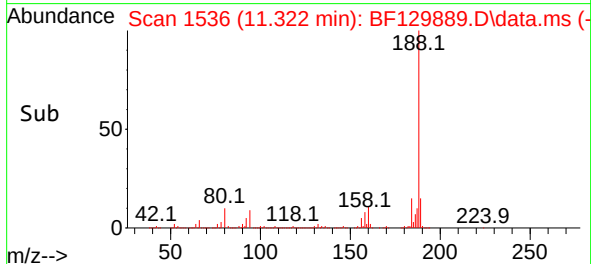
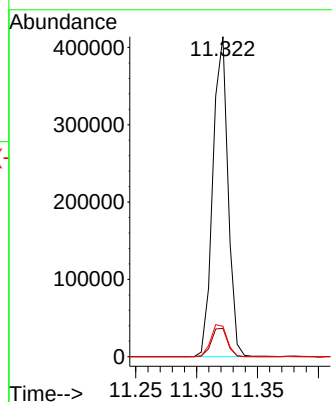
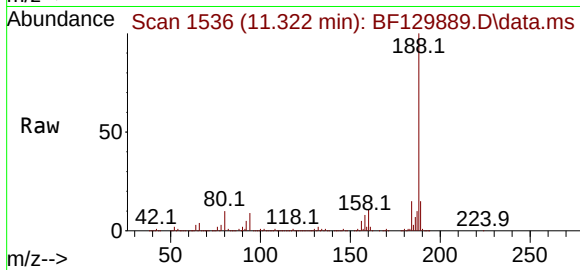
Tgt Ion:188 Resp: 357209

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 9.5 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.292 ng

RT: 10.622 min Scan# 1417

Delta R.T. -0.241 min

Lab File: BF129889.D

Acq: 18 Aug 2022 22:23

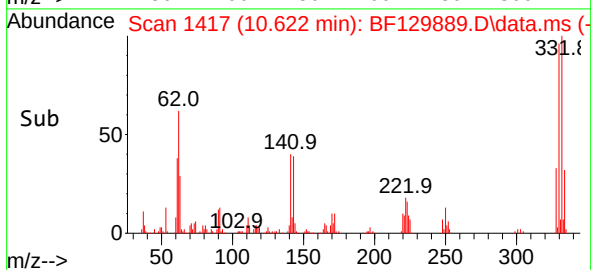
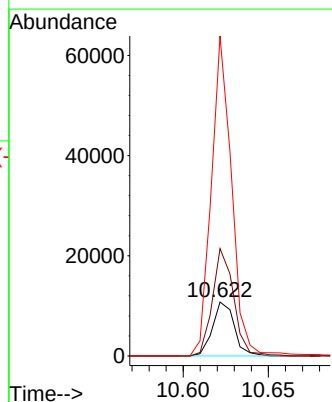
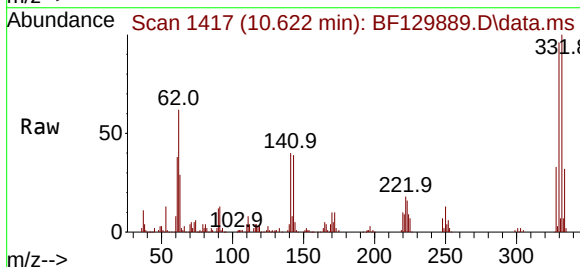
Tgt Ion:248 Resp: 9588

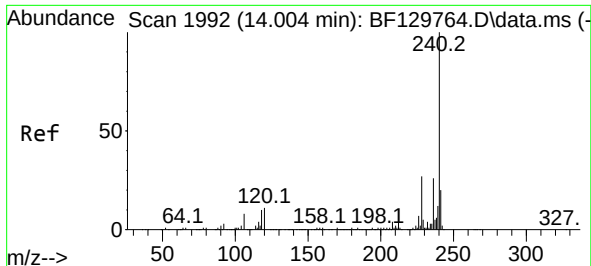
Ion Ratio Lower Upper

248 100

250 198.9 77.8 116.6#

141 592.5 66.2 99.2#

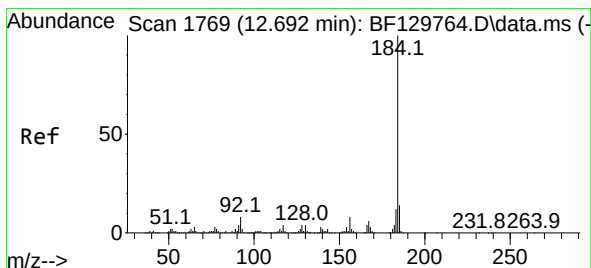
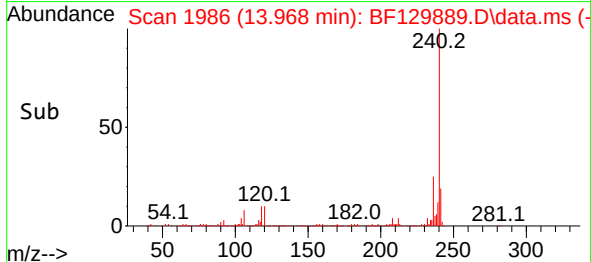
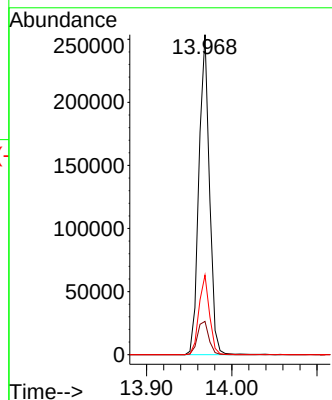
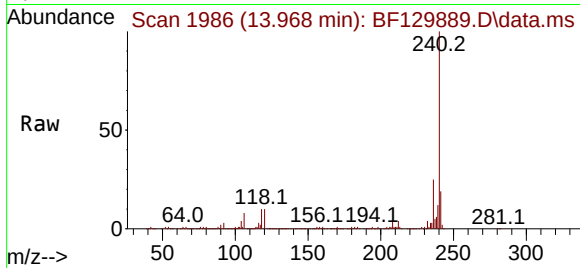




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

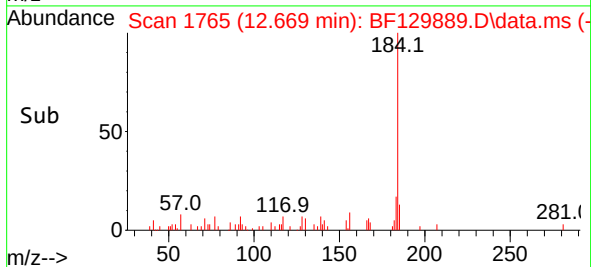
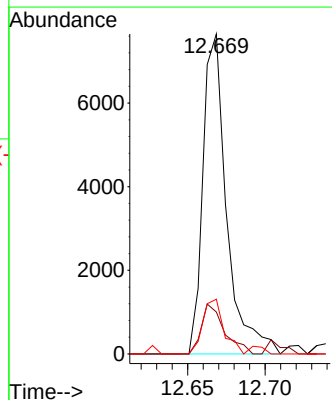
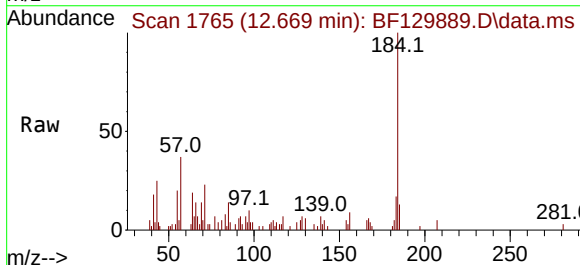
Instrument :
BNA_F
ClientSampleId :
SP-1

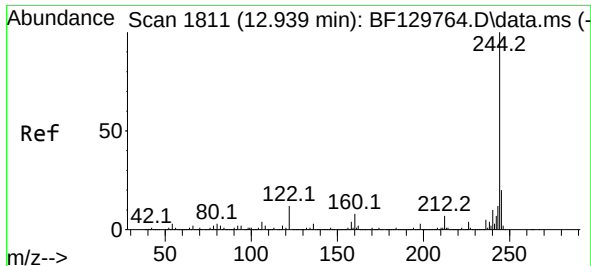
Tgt Ion:240 Resp: 218145
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 24.9 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.669 min Scan# 1765
Delta R.T. 0.006 min
Lab File: BF129889.D
Acq: 18 Aug 2022 22:23

Tgt Ion:184 Resp: 8137
Ion Ratio Lower Upper
184 100
185 13.1 11.4 17.2
183 17.1 9.4 14.2#

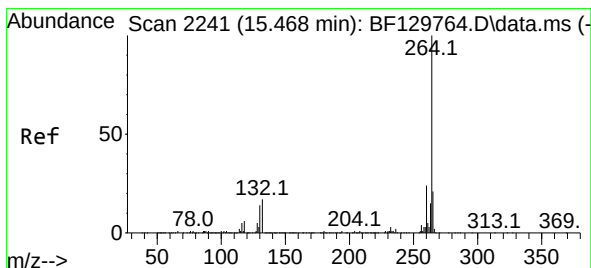
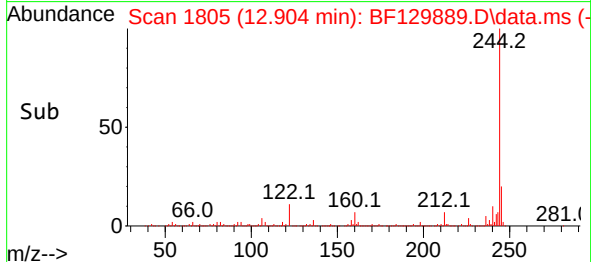
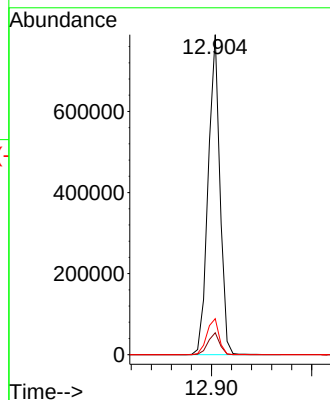
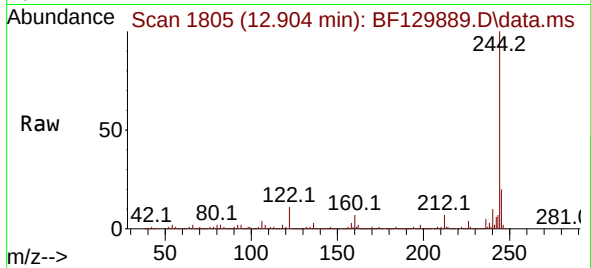




#79
 Terphenyl-d14
 Concen: 49.254 ng
 RT: 12.904 min Scan# 1805
 Delta R.T. -0.006 min
 Lab File: BF129889.D
 Acq: 18 Aug 2022 22:23

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:244 Resp: 645730
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.3 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2234
 Delta R.T. 0.000 min
 Lab File: BF129889.D
 Acq: 18 Aug 2022 22:23

Tgt Ion:264 Resp: 257110
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.1 16.7 25.1

