

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129862.D
 Acq On : 18 Aug 2022 00:58
 Operator : CG\JU
 Sample : N4189-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB16

Quant Time: Aug 18 05:41:44 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)

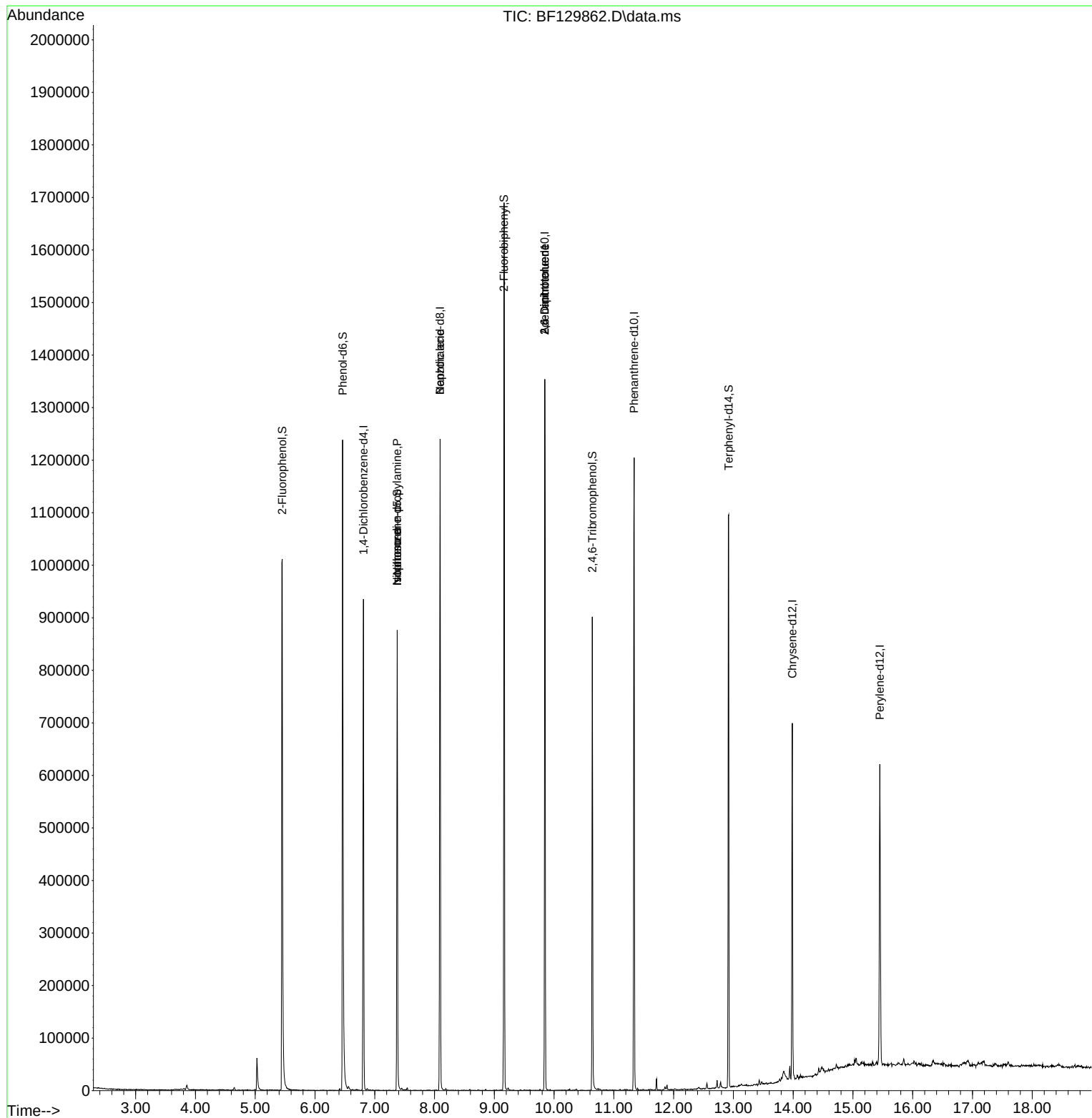
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	130880	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	528633	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	268187	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	429023	20.000	ng	0.00
76) Chrysene-d12	13.986	240	218663	20.000	ng	0.00
86) Perylene-d12	15.451	264	245210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	335552	42.449	ng	0.00
7) Phenol-d6	6.463	99	418896	42.317	ng	0.00
23) Nitrobenzene-d5	7.375	82	254991	25.822	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	94317	35.040	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	475513	26.929	ng	0.00
79) Terphenyl-d14	12.921	244	376081	28.618	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.392	77	73	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.375	70	33487	5.352 ng	#	78
25) Isophorone	7.375	82	255033	15.005 ng	#	65
32) Benzoic acid	8.092	122	71	2.178 ng	#	1
51) 2,6-Dinitrotoluene	9.845	165	34654	8.309 ng	#	22
57) 2,4-Dinitrotoluene	9.845	165	34654	6.401 ng	#	17
77) Benzidine	12.698	184	378	Below Cal	#	67

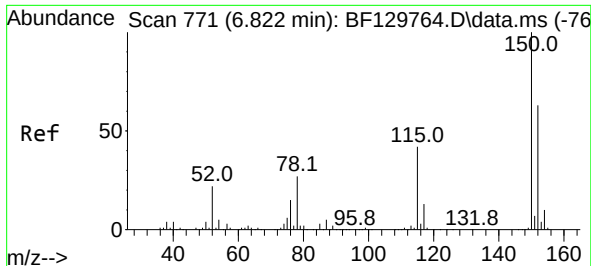
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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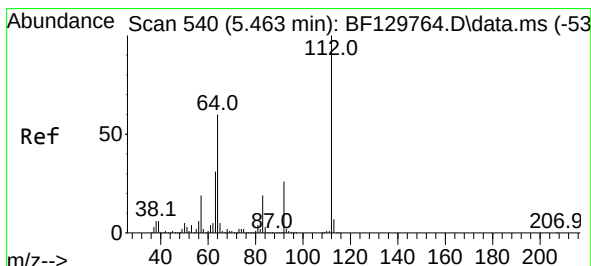
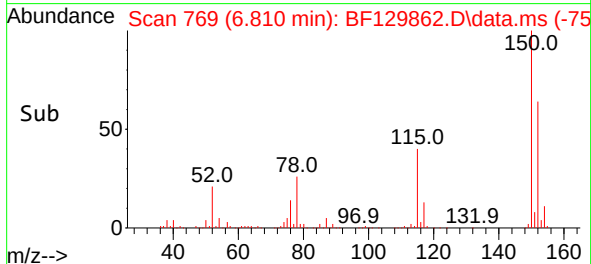
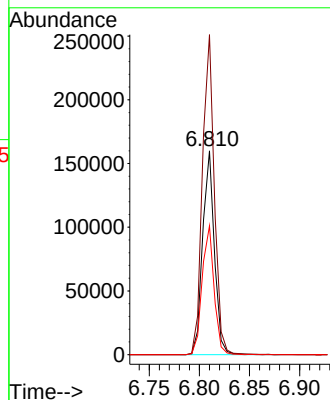
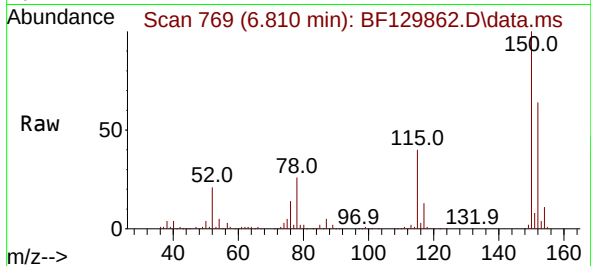




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

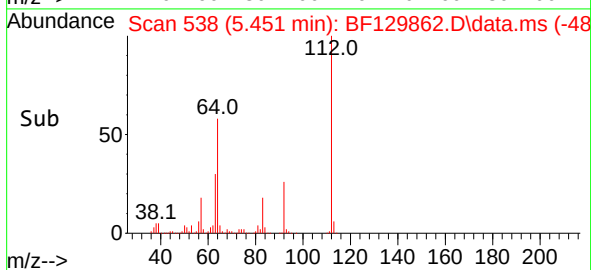
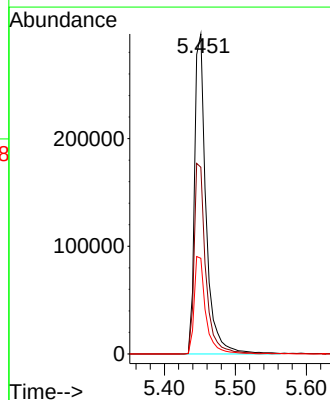
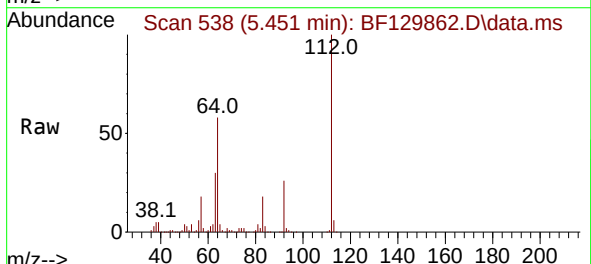
Instrument :
BNA_F
ClientSampleId :
SB16

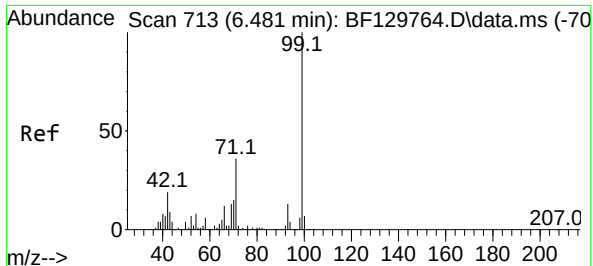
Tgt Ion:152 Resp: 130880
Ion Ratio Lower Upper
152 100
150 157.0 126.9 190.3
115 63.2 53.4 80.0



#5
2-Fluorophenol
Concen: 42.449 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

Tgt Ion:112 Resp: 335552
Ion Ratio Lower Upper
112 100
64 58.4 47.6 71.4
63 29.9 24.6 37.0

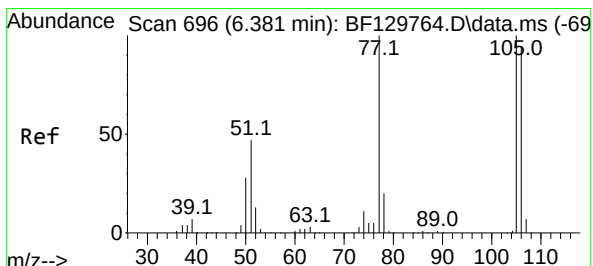
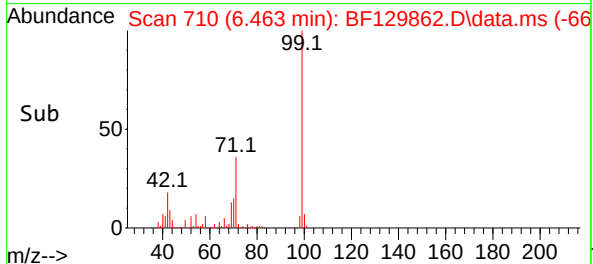
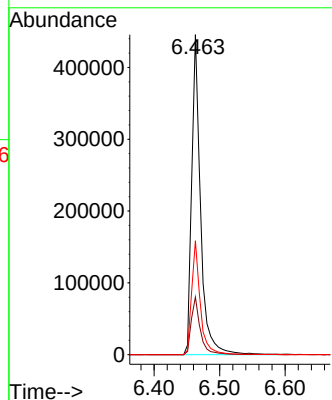
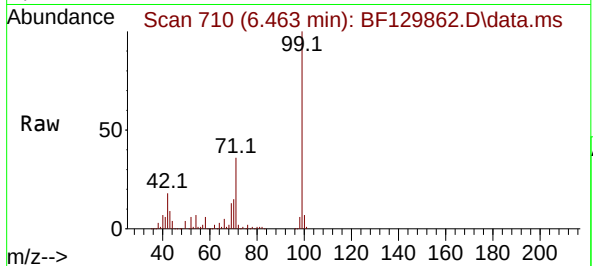




#7
Phenol-d6
Concen: 42.317 ng
RT: 6.463 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

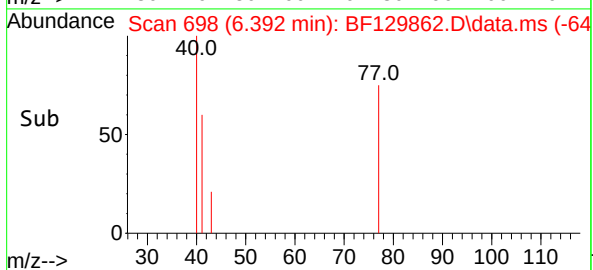
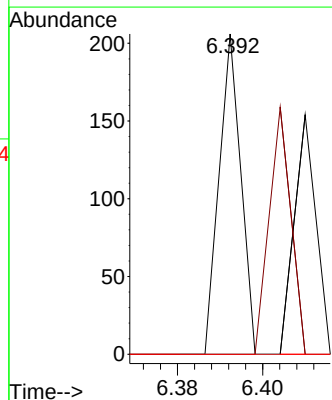
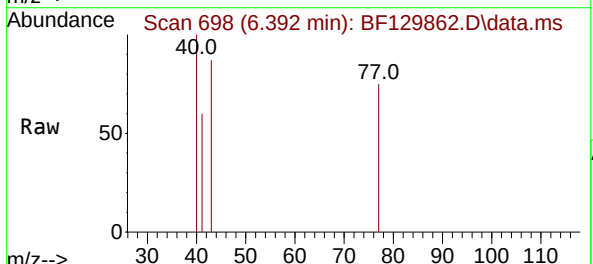
Instrument :
BNA_F
ClientSampleId :
SB16

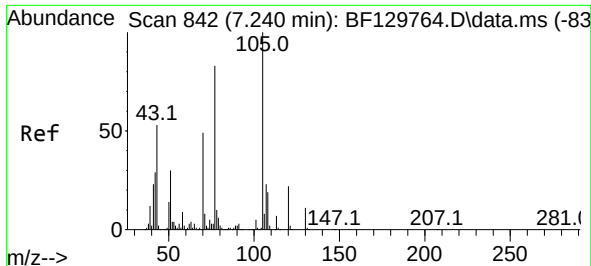
Tgt Ion: 99 Resp: 418896
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.4
71 35.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.392 min Scan# 698
Delta R.T. 0.023 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

Tgt Ion: 77 Resp: 73
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

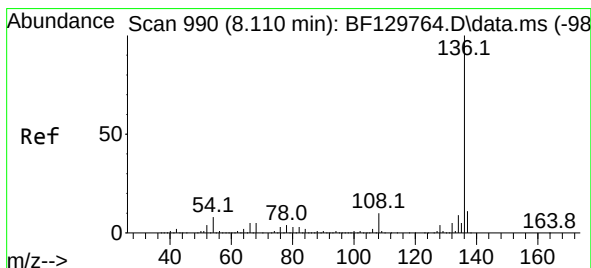
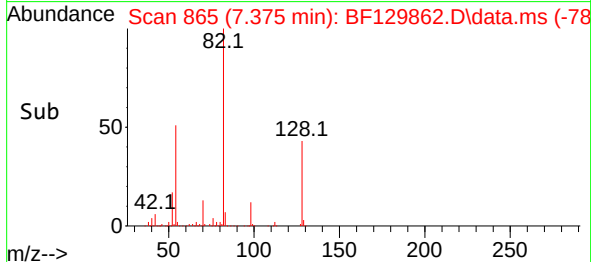
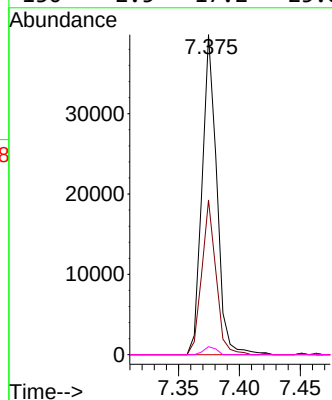
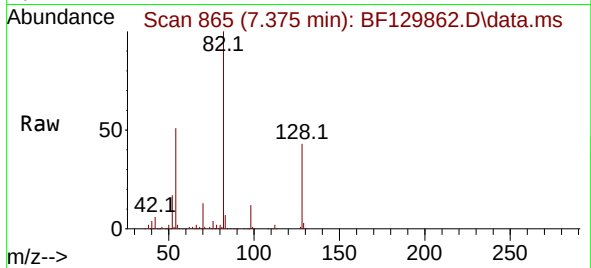




#19
n-Nitroso-di-n-propylamine
Concen: 5.352 ng
RT: 7.375 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

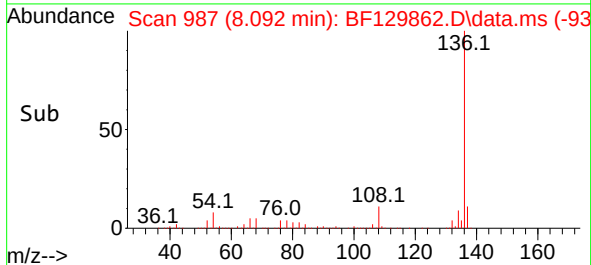
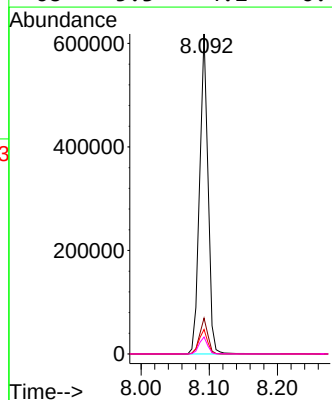
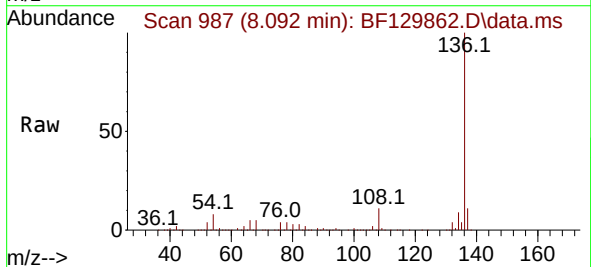
Instrument :
BNA_F
ClientSampleId :
SB16

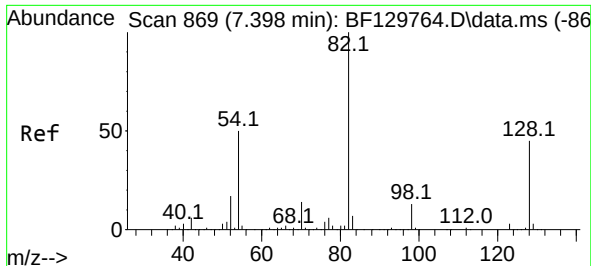
Tgt Ion: 70 Resp: 33487
Ion Ratio Lower Upper
70 100
42 48.4 47.6 71.4
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

Tgt Ion: 136 Resp: 528633
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.6 6.2 9.2
68 5.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 25.822 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF129862.D

Acq: 18 Aug 2022 00:58

Instrument :

BNA_F

ClientSampleId :

SB16

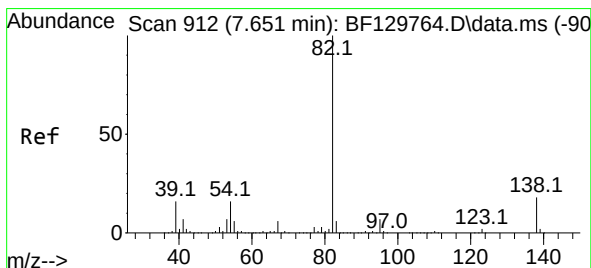
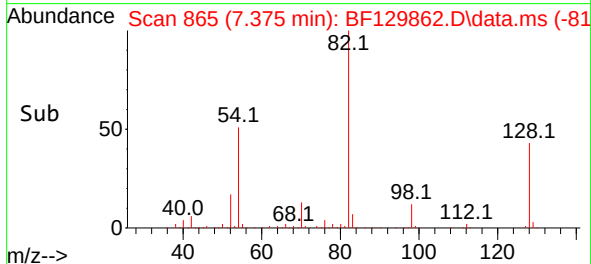
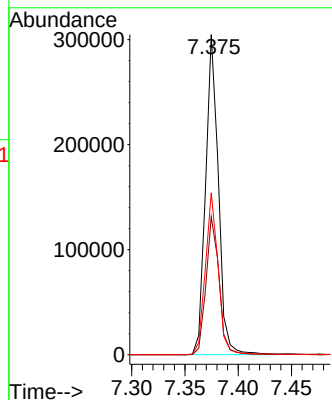
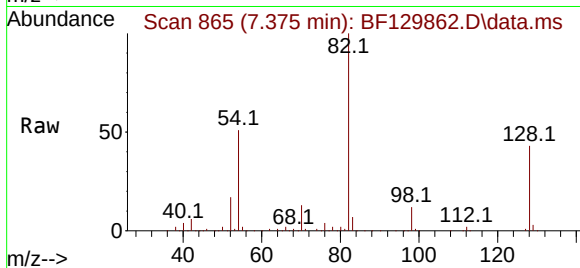
Tgt Ion: 82 Resp: 254991

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

54 50.6 40.0 60.0



#25

Isophorone

Concen: 15.005 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.265 min

Lab File: BF129862.D

Acq: 18 Aug 2022 00:58

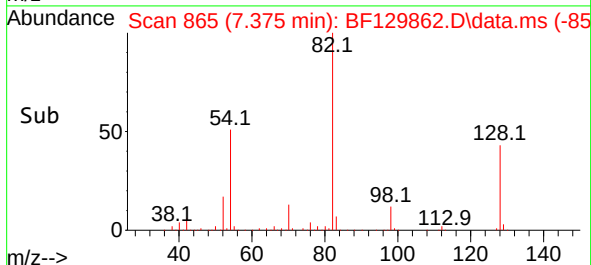
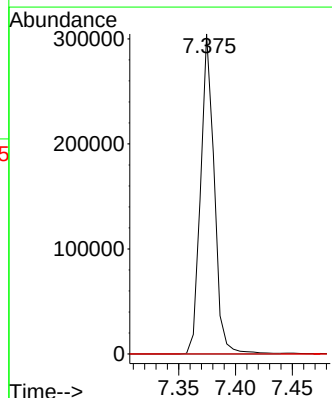
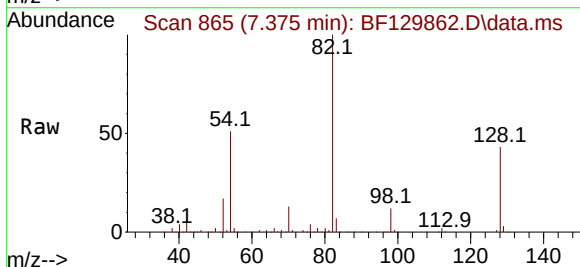
Tgt Ion: 82 Resp: 255033

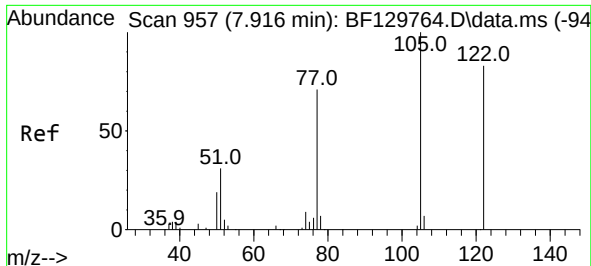
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

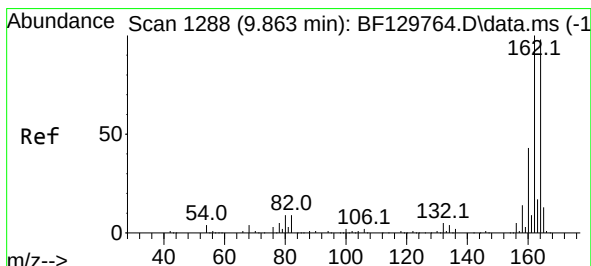
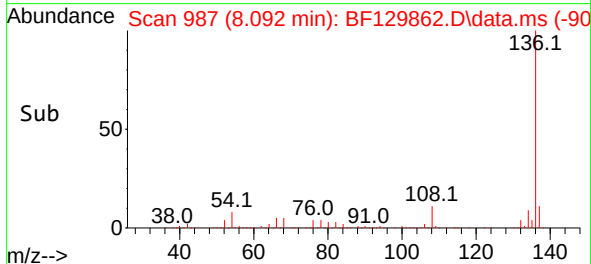
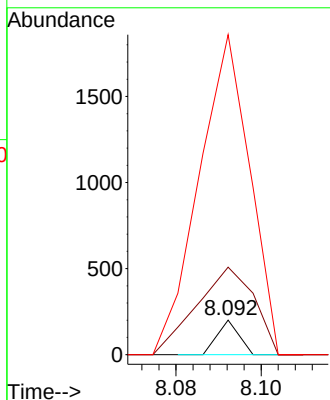
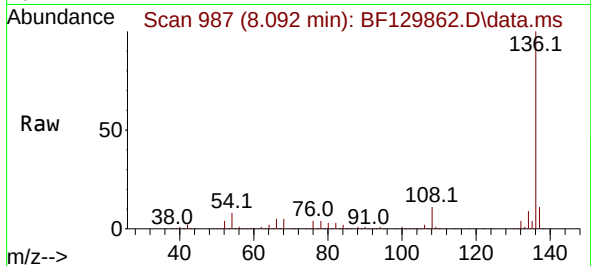




#32
Benzoic acid
Concen: 2.178 ng
RT: 8.092 min Scan# 91
Delta R.T. 0.194 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

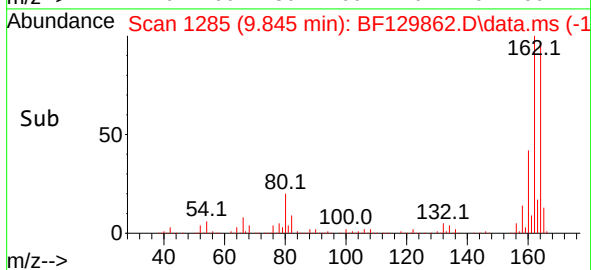
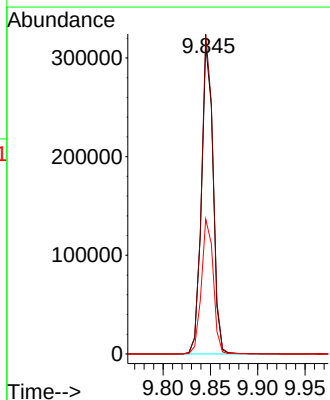
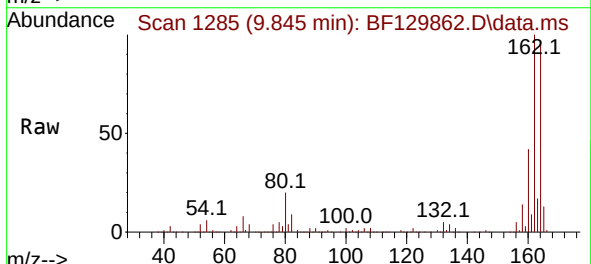
Instrument :
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SB16

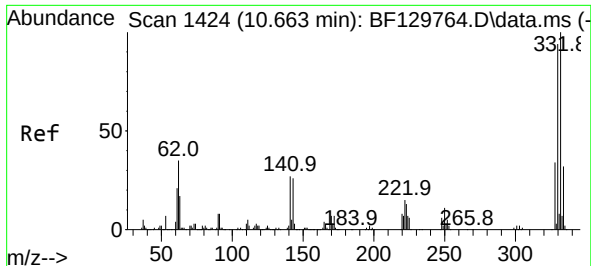
Tgt Ion:	122	Resp:	71
Ion	Ratio	Lower	Upper
122	100		
105	252.7	99.9	139.9#
77	924.9	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

Tgt Ion:	164	Resp:	268187
Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.0	123.0
160	43.6	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 35.040 ng

RT: 10.639 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF129862.D

Acq: 18 Aug 2022 00:58

Instrument :

BNA_F

ClientSampleId :

SB16

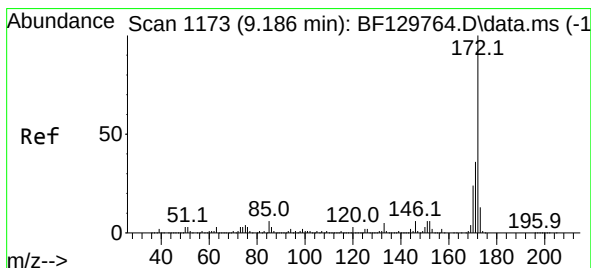
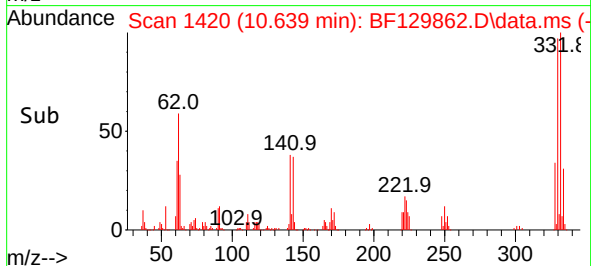
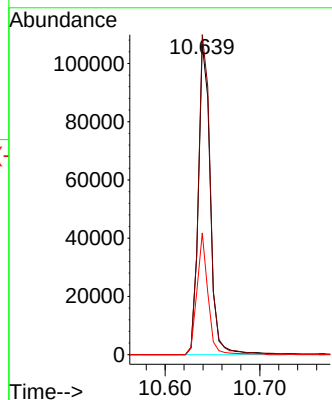
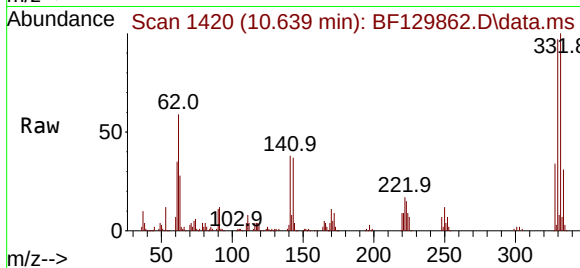
Tgt Ion:330 Resp: 94317

Ion Ratio Lower Upper

330 100

332 103.6 82.6 124.0

141 35.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 26.929 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF129862.D

Acq: 18 Aug 2022 00:58

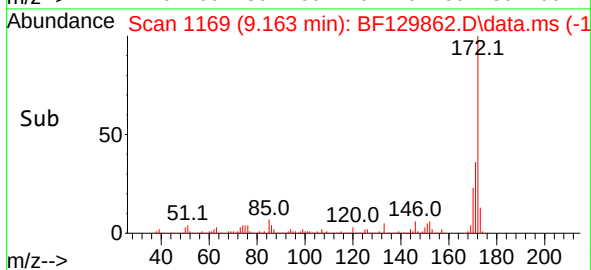
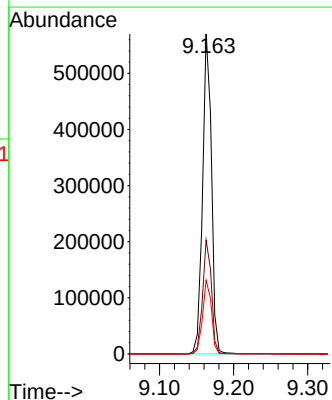
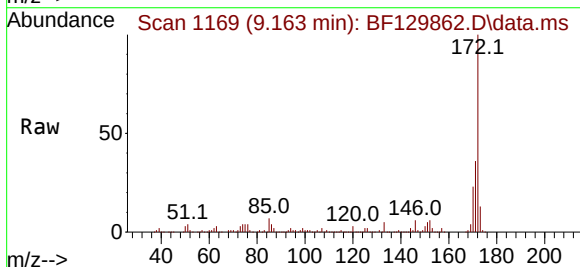
Tgt Ion:172 Resp: 475513

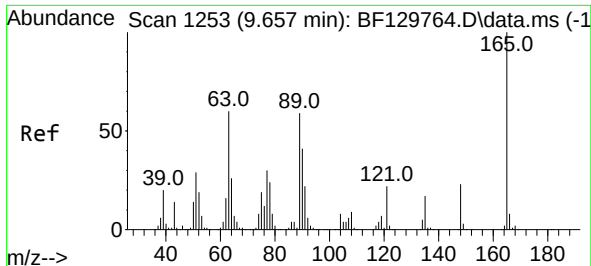
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.0 19.1 28.7

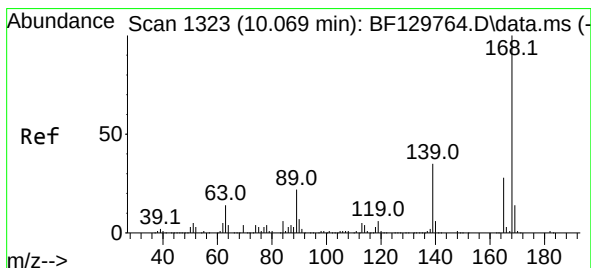
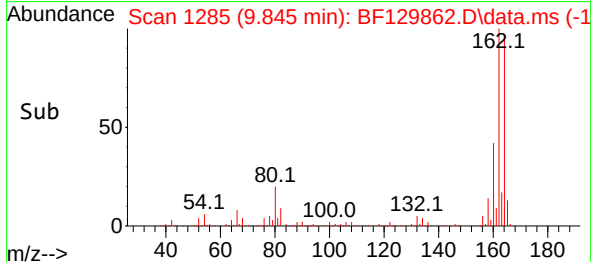
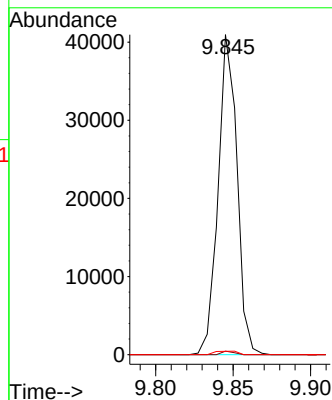
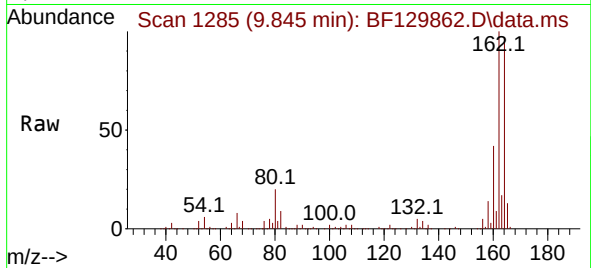




#51
2,6-Dinitrotoluene
Concen: 8.309 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

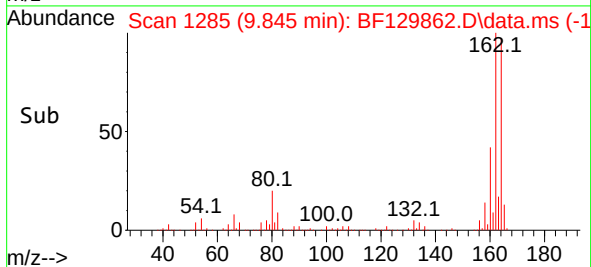
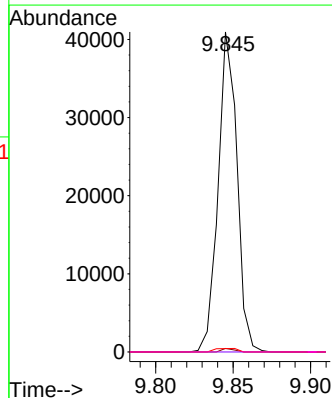
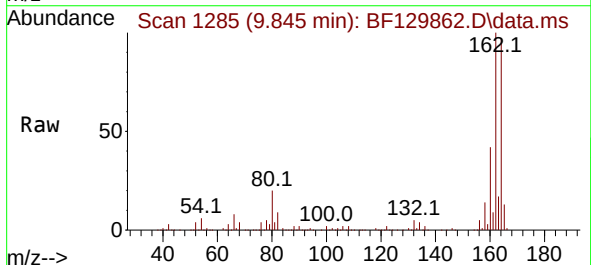
Instrument :
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ClientSampleId :
SB16

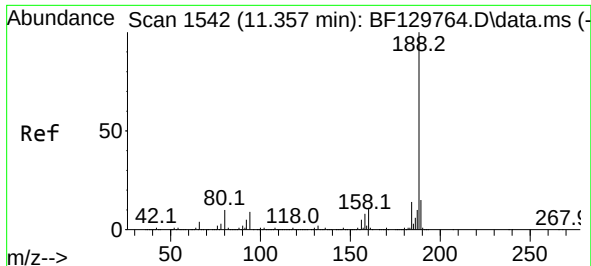
Tgt Ion:165 Resp: 34654
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.401 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.212 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

Tgt Ion:165 Resp: 34654
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.0 62.3 93.5#
182 0.0 2.1 3.1#

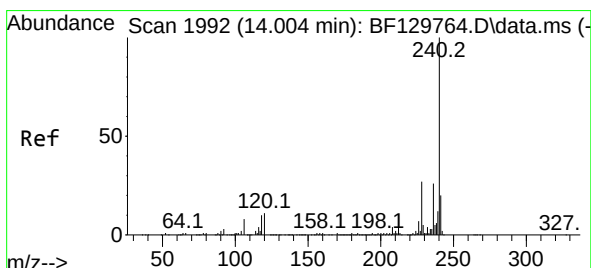
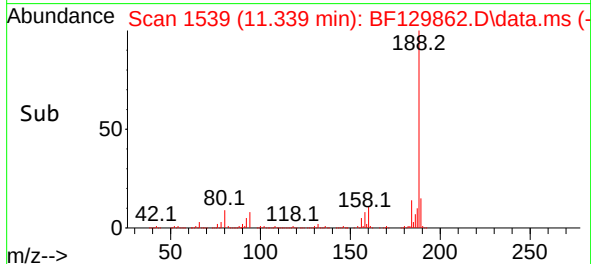
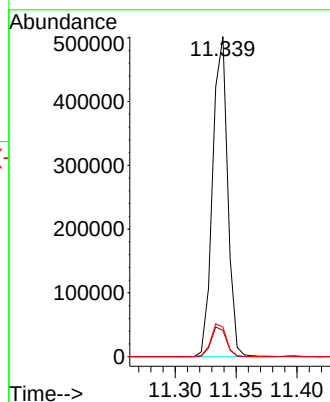
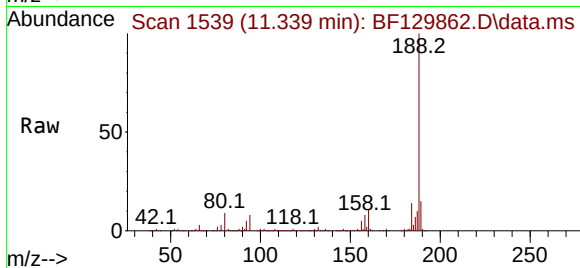




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

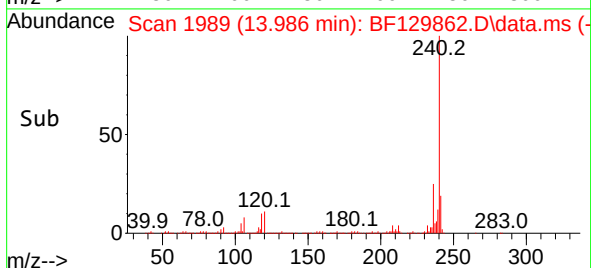
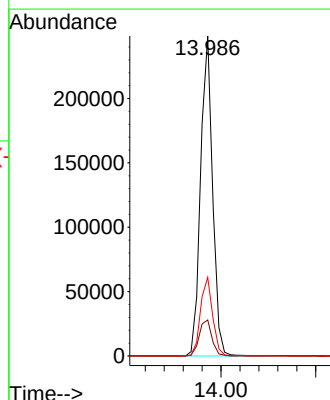
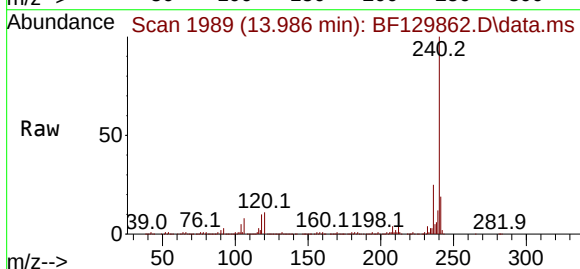
Instrument :
BNA_F
ClientSampleId :
SB16

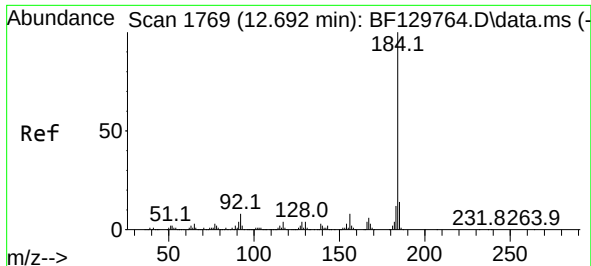
Tgt Ion:188 Resp: 429023
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

Tgt Ion:240 Resp: 218663
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 24.6 20.7 31.1

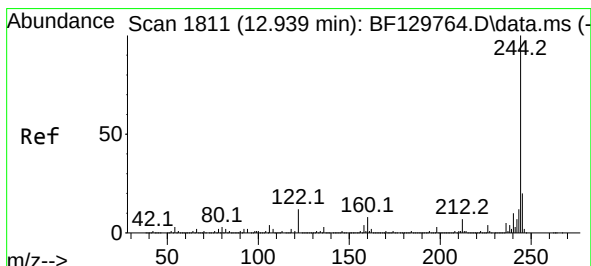
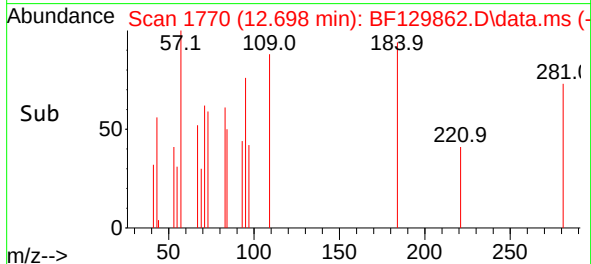
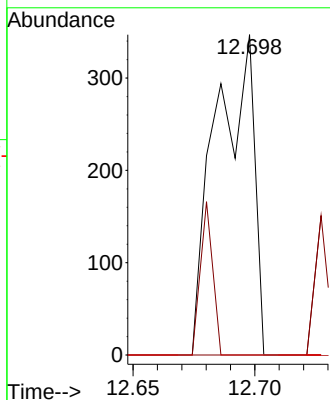
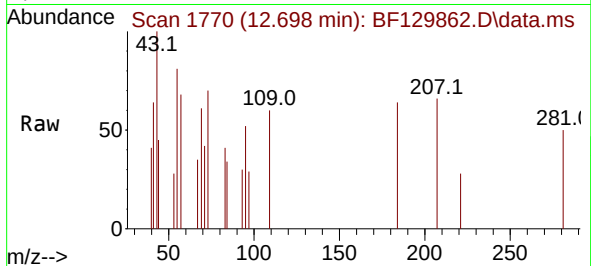




#77
Benzidine
Concen: Below Cal
RT: 12.698 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

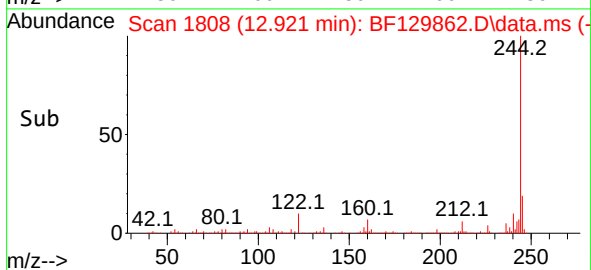
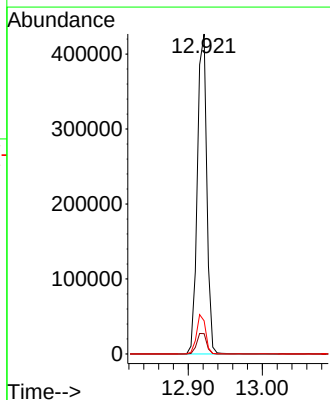
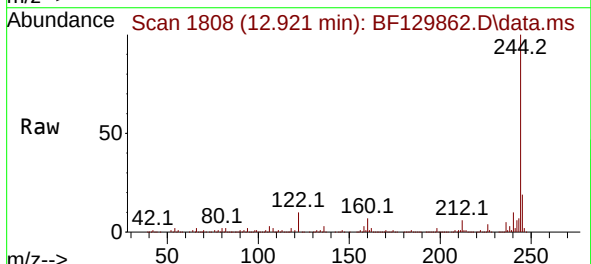
Instrument :
BNA_F
ClientSampleId :
SB16

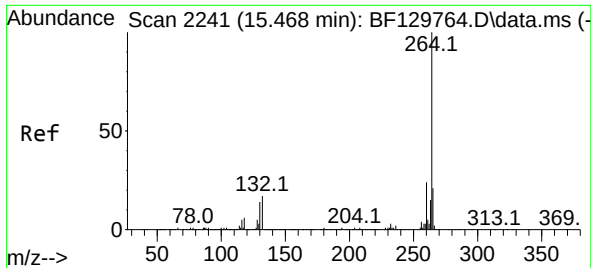
Tgt Ion:184 Resp: 378
Ion Ratio Lower Upper
184 100
185 0.0 11.4 17.2#
183 0.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 28.618 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF129862.D
Acq: 18 Aug 2022 00:58

Tgt Ion:244 Resp: 376081
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 10.4 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: BF129862.D
 Acq: 18 Aug 2022 00:58

Instrument :
 BNA_F
 ClientSampleId :
 SB16

Tgt Ion:264 Resp: 245210
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.5 16.7 25.1

