

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129871.D
 Acq On : 18 Aug 2022 12:36
 Operator : CG\JU
 Sample : N4188-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S11

Quant Time: Aug 18 13:36:58 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)

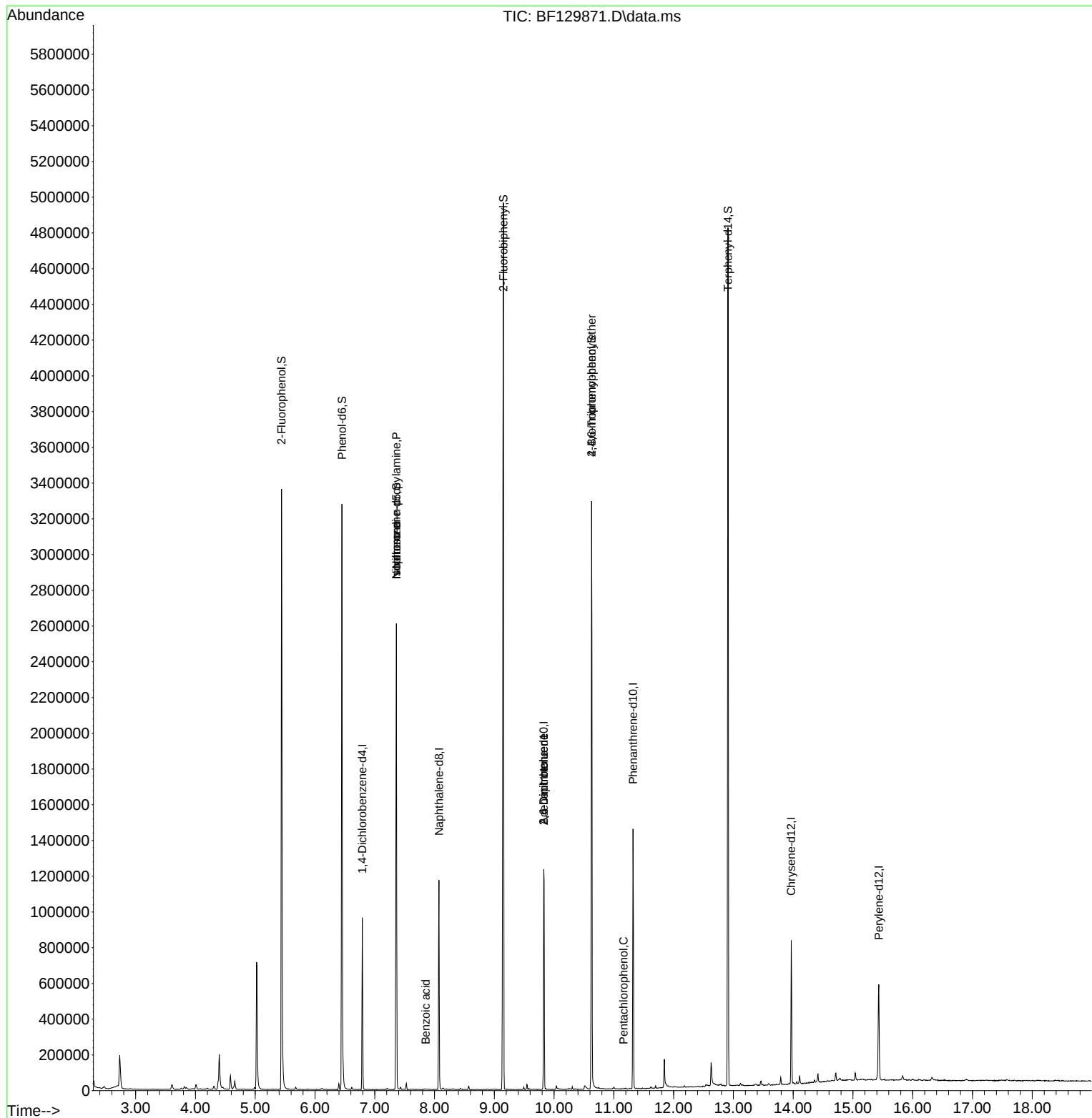
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	124957	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	500116	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	269858	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	457421	20.000	ng	0.00
76) Chrysene-d12	13.968	240	251365	20.000	ng	0.00
86) Perylene-d12	15.433	264	235345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	953539	126.345	ng	0.01
7) Phenol-d6	6.451	99	1089224	115.249	ng	0.00
23) Nitrobenzene-d5	7.363	82	824477	88.251	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	398941	147.296	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1550154	87.245	ng	0.00
79) Terphenyl-d14	12.910	244	1586592	105.026	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.363	77	74	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	110396	18.480	ng	# 75
25) Isophorone	7.363	82	824466	51.274	ng	# 65
32) Benzoic acid	7.851	122	1283	2.716	ng	# 78
51) 2,6-Dinitrotoluene	9.828	165	34914	8.320	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	34914	6.409	ng	# 18
67) 4-Bromophenyl-phenylether	10.628	248	25748	4.806	ng	# 1
70) Pentachlorophenol	11.163	266	144	5.259	ng	# 20
77) Benzidine	12.651	184	1665	Below Cal	#	1

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

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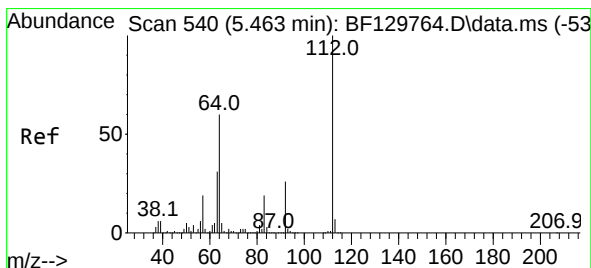
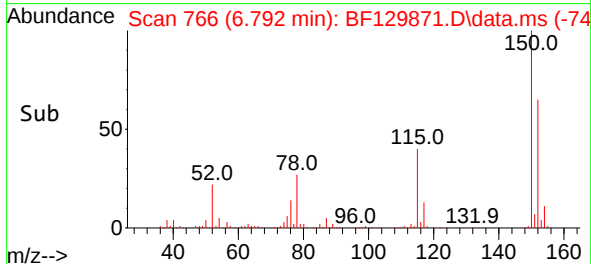
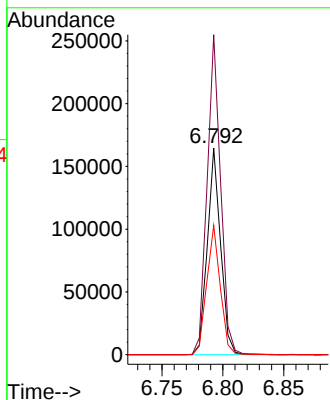
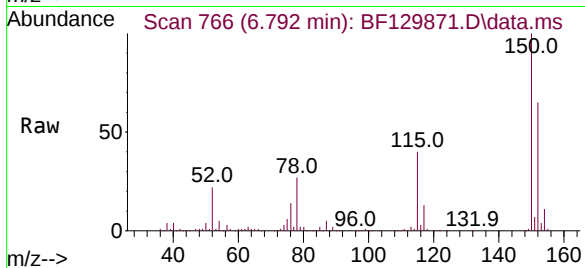




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

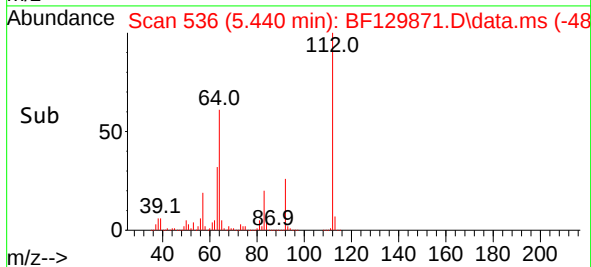
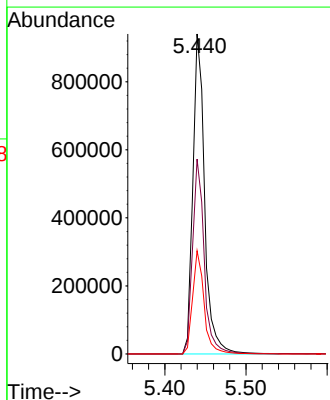
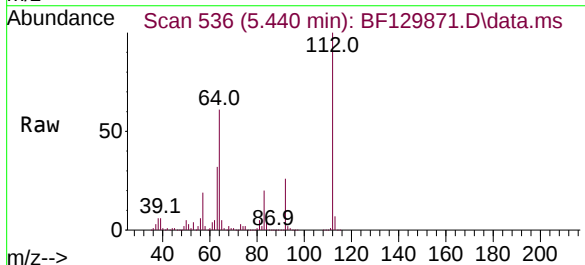
Instrument :
BNA_F
ClientSampleId :
S11

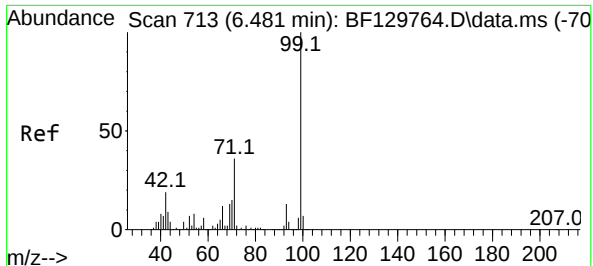
Tgt Ion:152 Resp: 124957
Ion Ratio Lower Upper
152 100
150 154.7 126.9 190.3
115 62.5 53.4 80.0



#5
2-Fluorophenol
Concen: 126.345 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.012 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

Tgt Ion:112 Resp: 953539
Ion Ratio Lower Upper
112 100
64 60.9 47.6 71.4
63 32.2 24.6 37.0

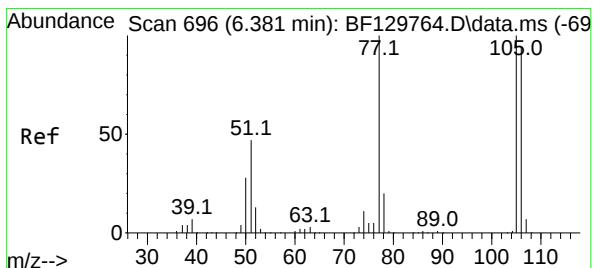
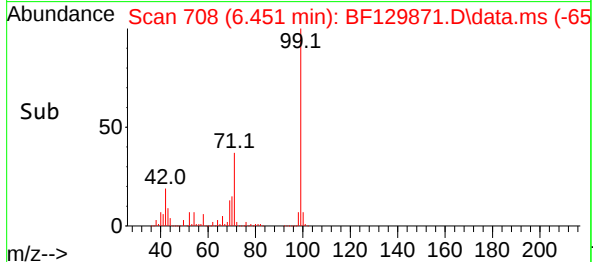
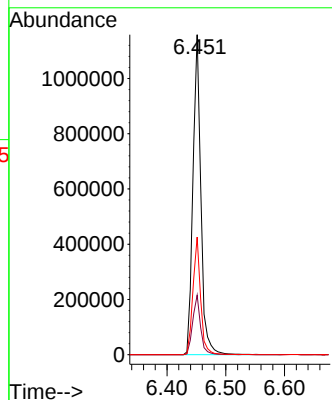
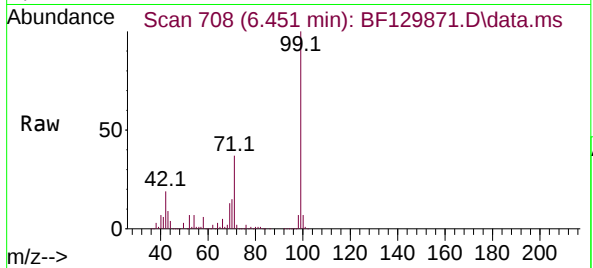




#7
Phenol-d6
Concen: 115.249 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

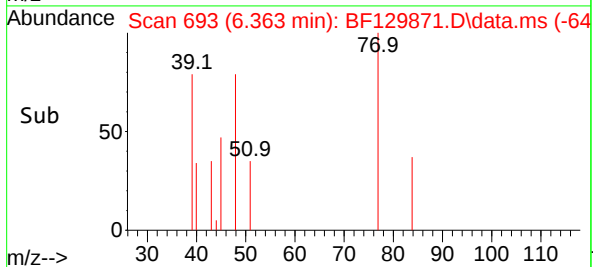
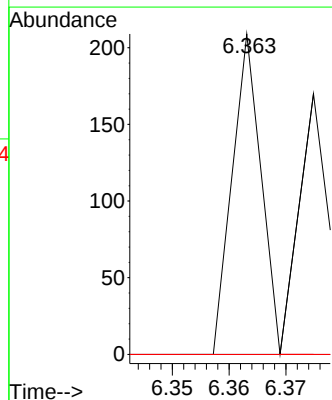
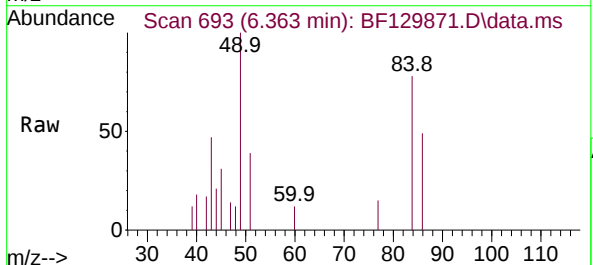
Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion: 99 Resp: 1089224
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.363 min Scan# 693
Delta R.T. 0.012 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

Tgt Ion: 77 Resp: 74
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

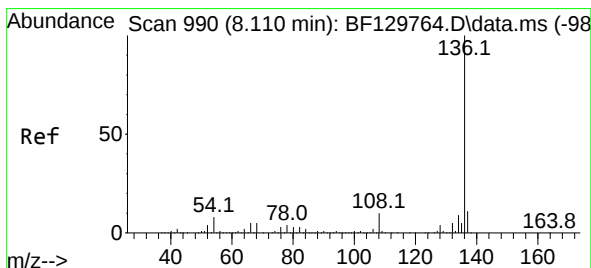
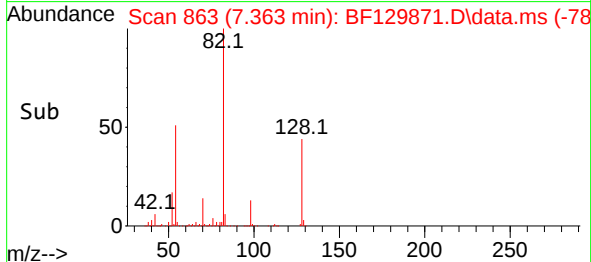
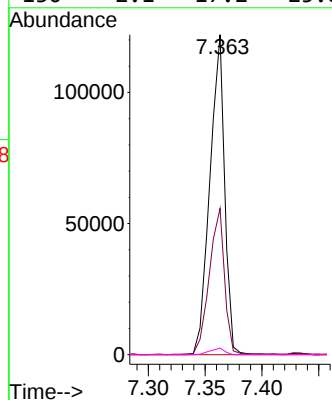
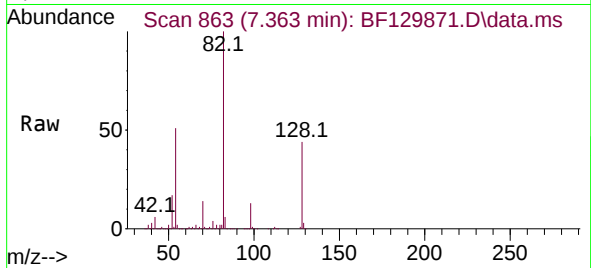




#19
n-Nitroso-di-n-propylamine
Concen: 18.480 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

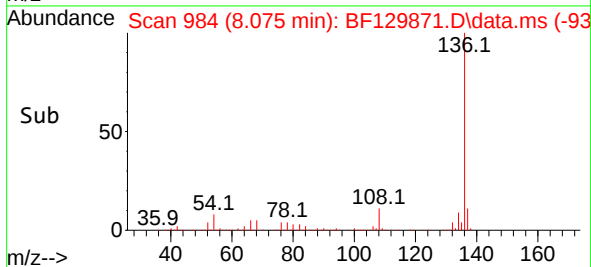
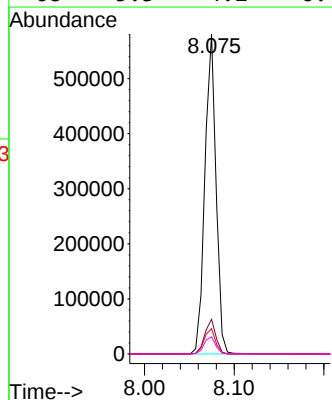
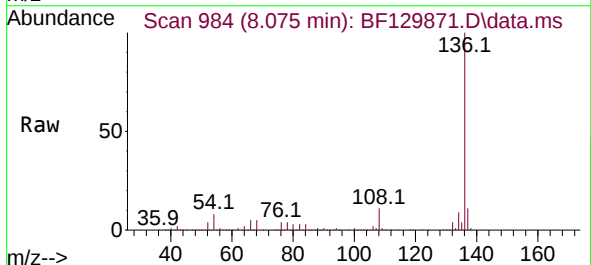
Instrument :
BNA_F
ClientSampleId :
S11

Tgt Ion: 70 Resp: 110396
Ion Ratio Lower Upper
70 100
42 45.7 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 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: BF129871.D
Acq: 18 Aug 2022 12:36

Tgt Ion: 136 Resp: 500116
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.9 6.2 9.2
68 5.3 4.2 6.4

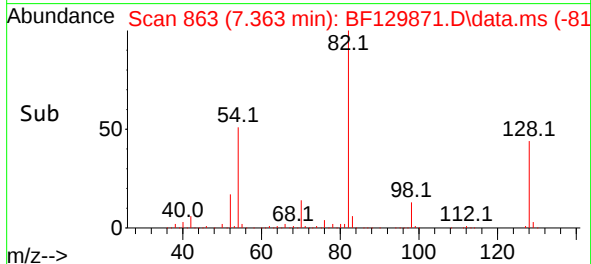
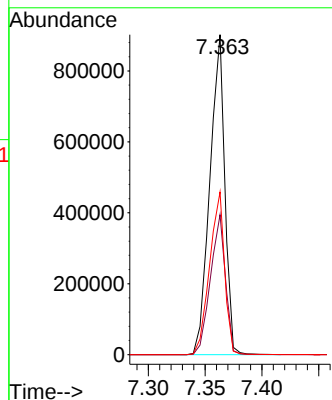
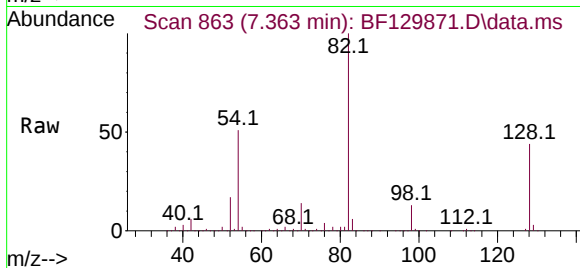




#23
Nitrobenzene-d5
Concen: 88.251 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

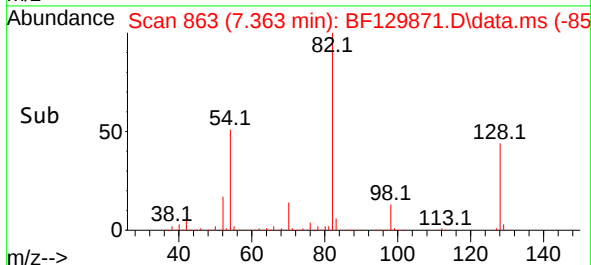
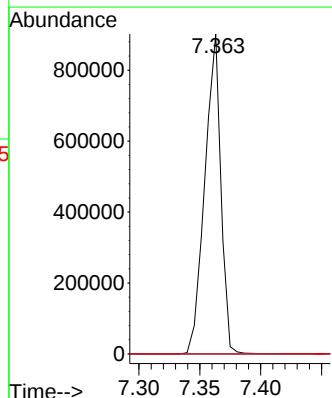
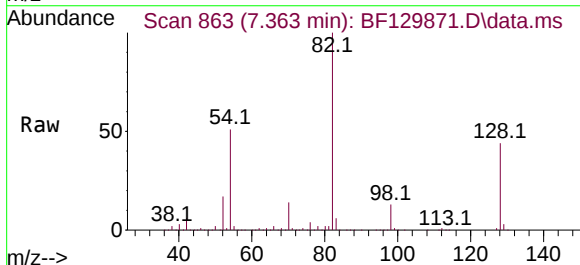
Instrument :
BNA_F
ClientSampleId :
S11

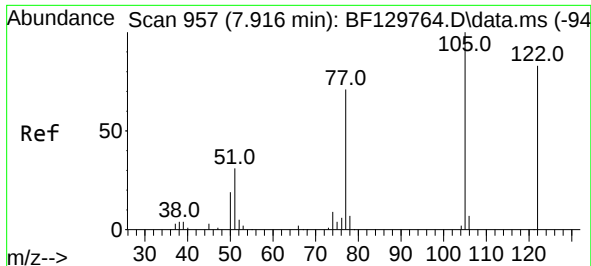
Tgt Ion: 82 Resp: 824477
Ion Ratio Lower Upper
82 100
128 43.8 36.1 54.1
54 50.8 40.0 60.0



#25
Isophorone
Concen: 51.274 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.259 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

Tgt Ion: 82 Resp: 824466
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

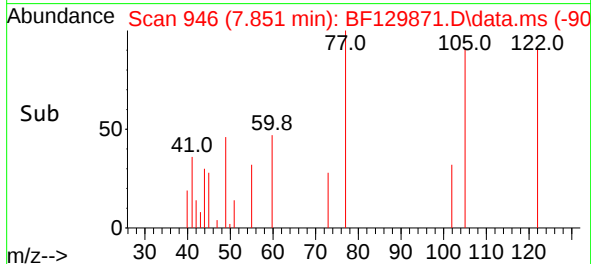
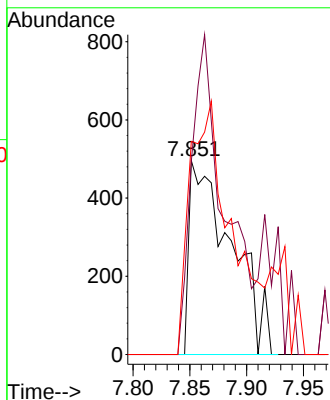
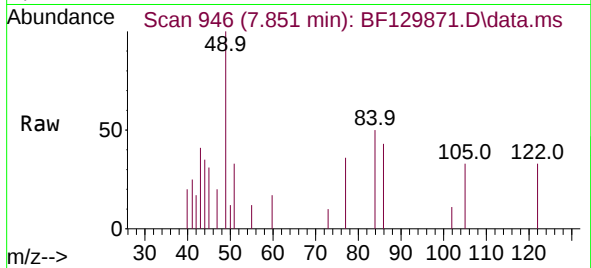




#32
Benzoic acid
Concen: 2.716 ng
RT: 7.851 min Scan# 94
Delta R.T. -0.035 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

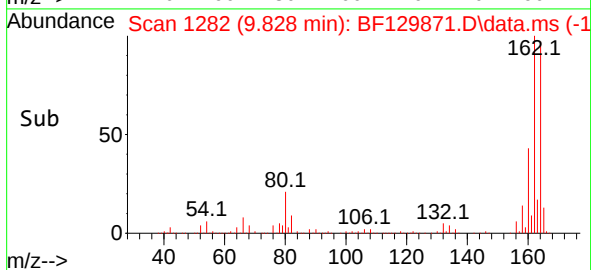
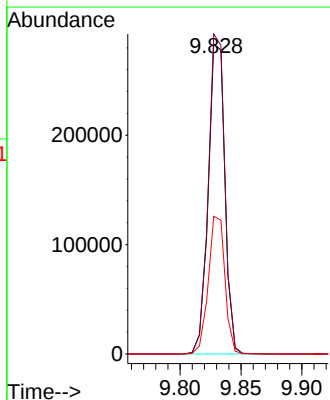
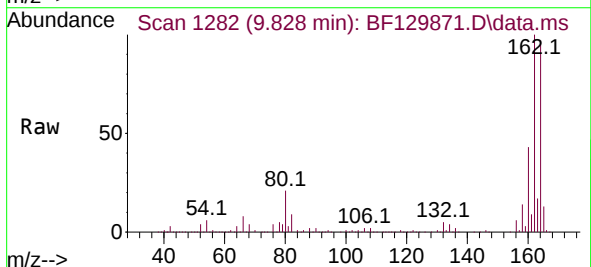
Instrument :
BNA_F
ClientSampleId :
S11

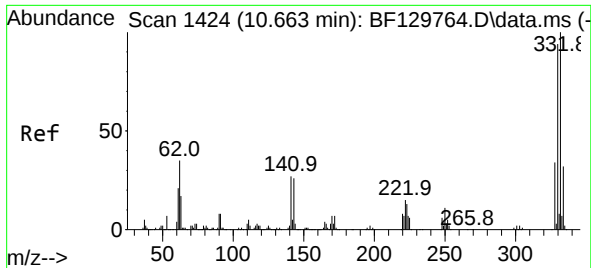
Tgt Ion:122 Resp: 1283
Ion Ratio Lower Upper
122 100
105 99.6 99.9 139.9#
77 109.9 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

Tgt Ion:164 Resp: 269858
Ion Ratio Lower Upper
164 100
162 103.2 82.0 123.0
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 147.296 ng

RT: 10.628 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF129871.D

Acq: 18 Aug 2022 12:36

Instrument :

BNA_F

ClientSampleId :

S11

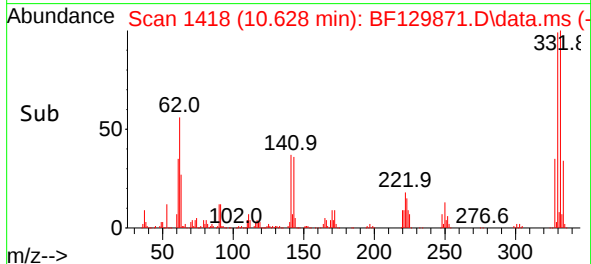
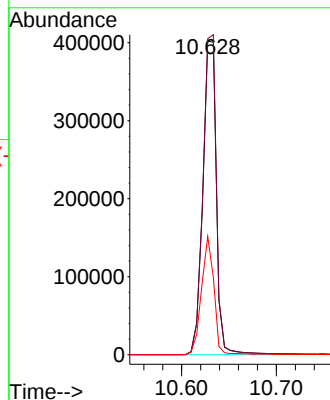
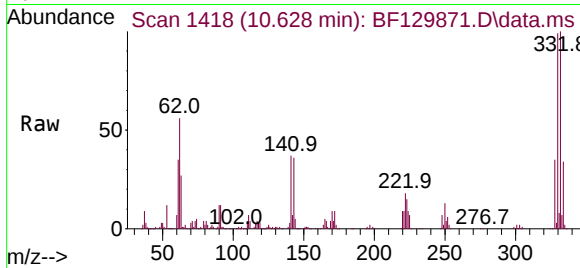
Tgt Ion:330 Resp: 398941

Ion Ratio Lower Upper

330 100

332 101.9 82.6 124.0

141 34.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 87.245 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129871.D

Acq: 18 Aug 2022 12:36

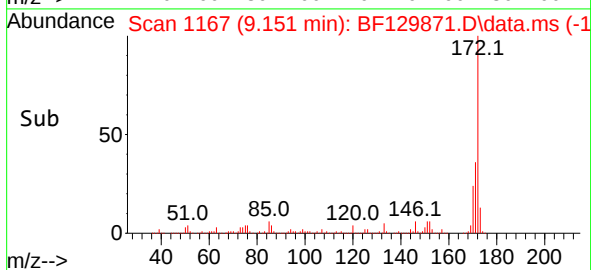
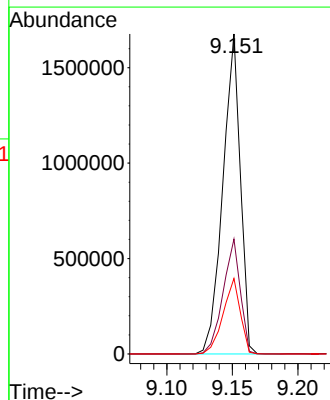
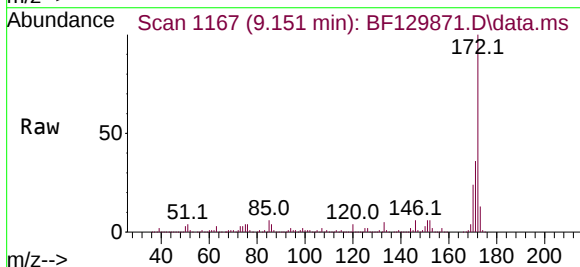
Tgt Ion:172 Resp: 1550154

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.6 19.1 28.7

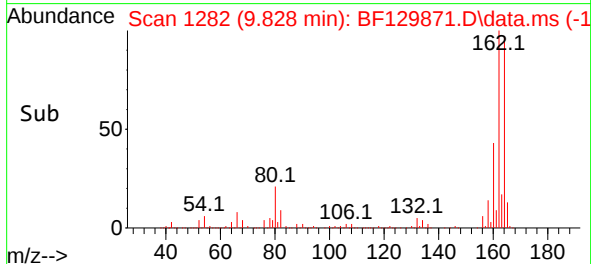
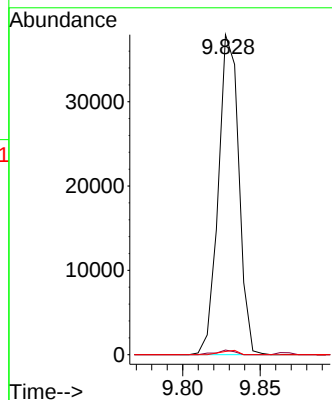
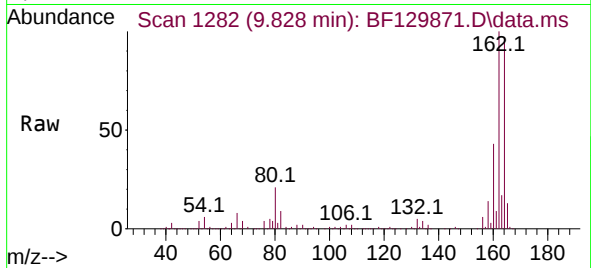




#51
2,6-Dinitrotoluene
Concen: 8.320 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

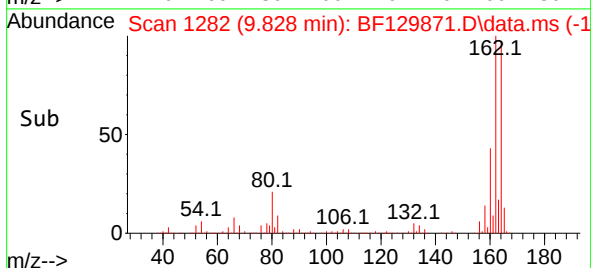
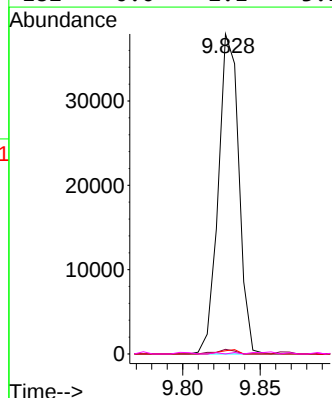
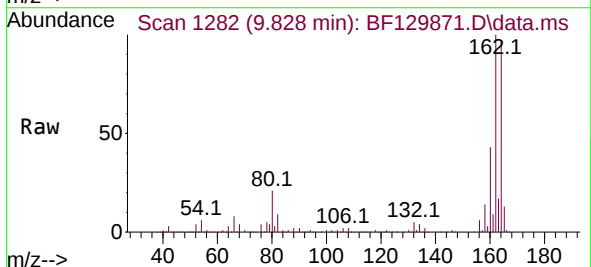
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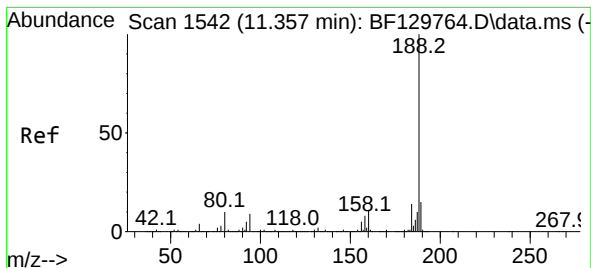
Tgt Ion:165 Resp: 34914
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.8#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.409 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.212 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

Tgt Ion:165 Resp: 34914
Ion Ratio Lower Upper
165 100
63 1.5 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: BF129871.D

Acq: 18 Aug 2022 12:36

Instrument :

BNA_F

ClientSampleId :

S11

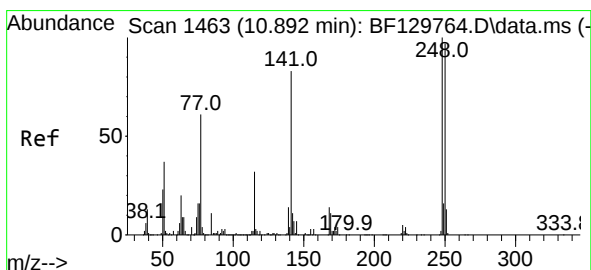
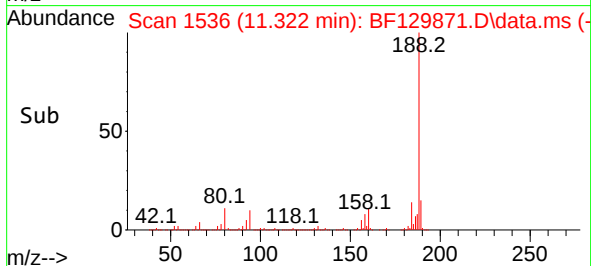
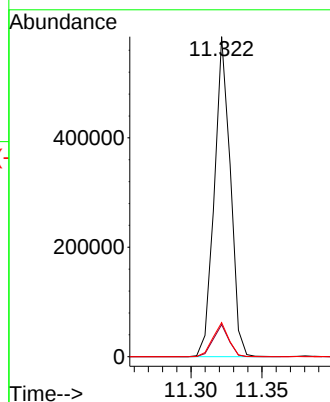
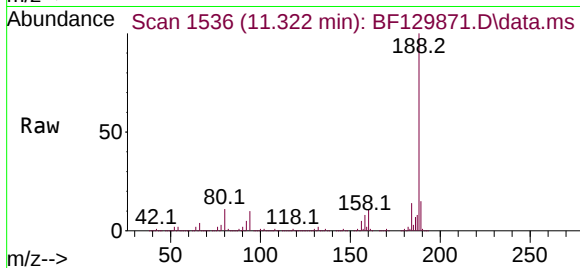
Tgt Ion:188 Resp: 457421

Ion Ratio Lower Upper

188 100

94 10.0 7.4 11.2

80 10.7 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.806 ng

RT: 10.628 min Scan# 1418

Delta R.T. -0.235 min

Lab File: BF129871.D

Acq: 18 Aug 2022 12:36

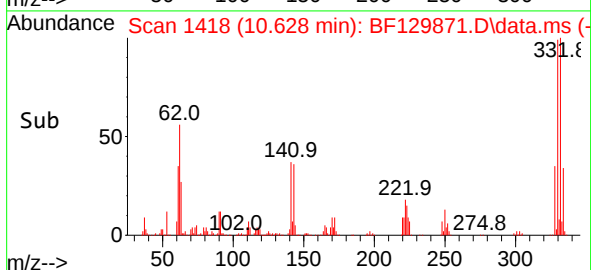
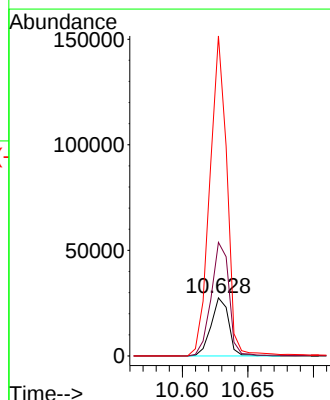
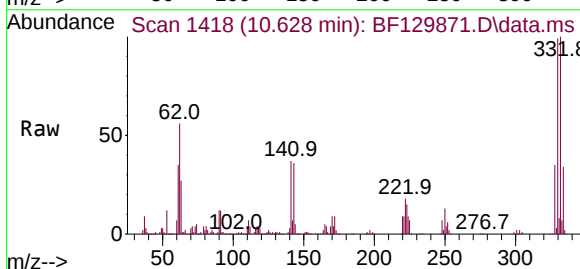
Tgt Ion:248 Resp: 25748

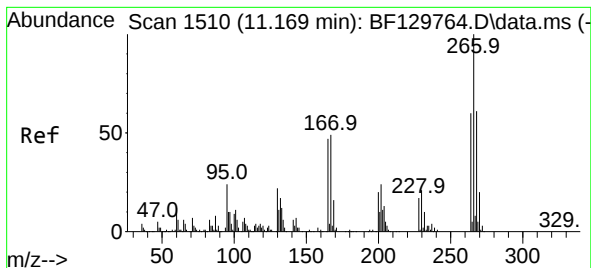
Ion Ratio Lower Upper

248 100

250 195.3 77.8 116.6#

141 550.4 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.259 ng

RT: 11.163 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF129871.D

Acq: 18 Aug 2022 12:36

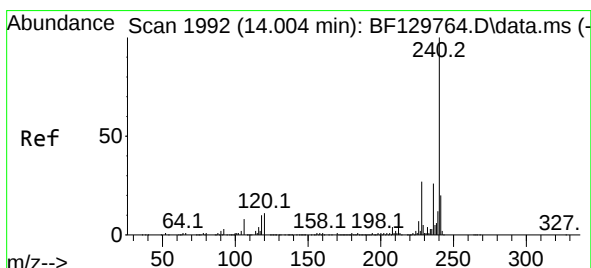
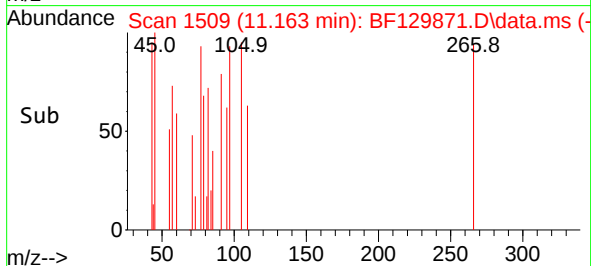
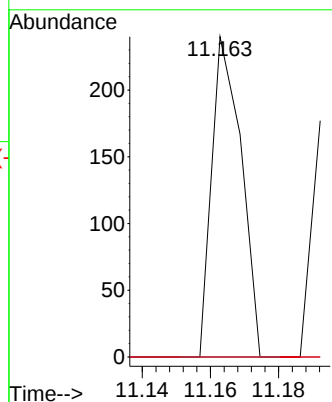
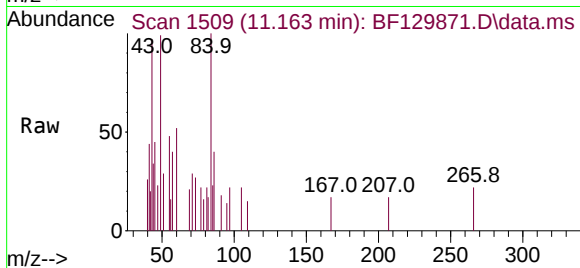
Instrument :

BNA_F

ClientSampleId :

S11

Tgt Ion:	266	Resp:	144
Ion Ratio	Lower	Upper	
266	100		
268	0.0	49.0	73.4#
264	0.0	47.9	71.9#



#76

Chrysene-d12

Concen: 20.000 ng

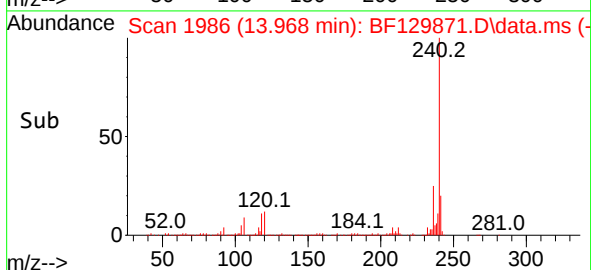
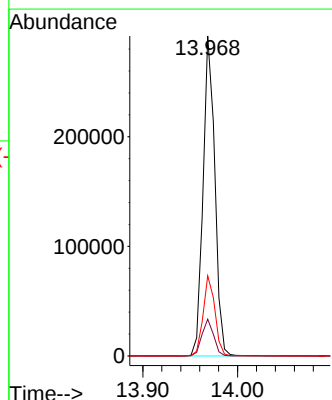
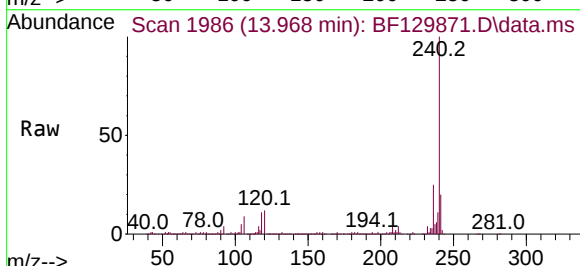
RT: 13.968 min Scan# 1986

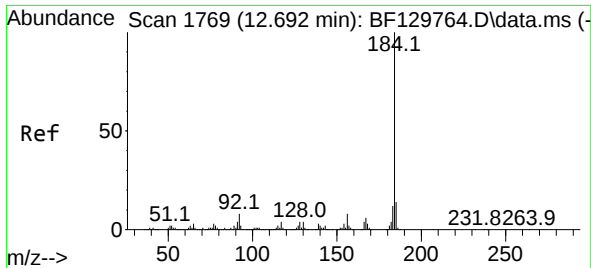
Delta R.T. -0.006 min

Lab File: BF129871.D

Acq: 18 Aug 2022 12:36

Tgt Ion:	240	Resp:	251365
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.2	13.8
236	25.0	20.7	31.1

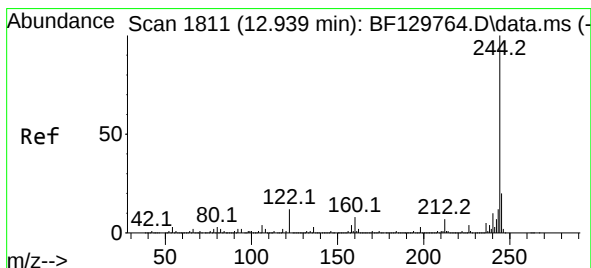
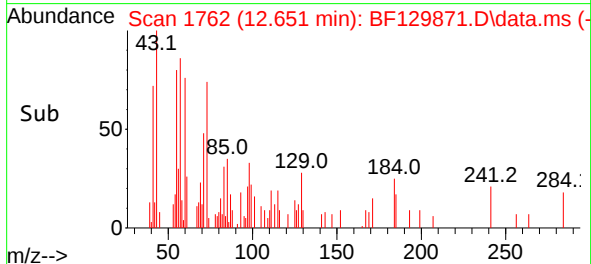
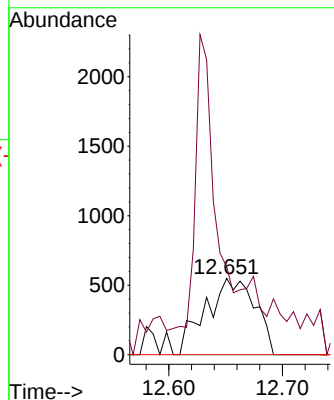
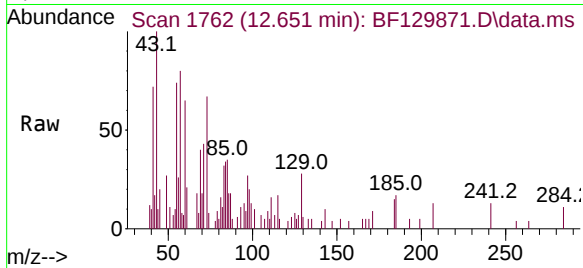




#77
Benzidine
Concen: Below Cal
RT: 12.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

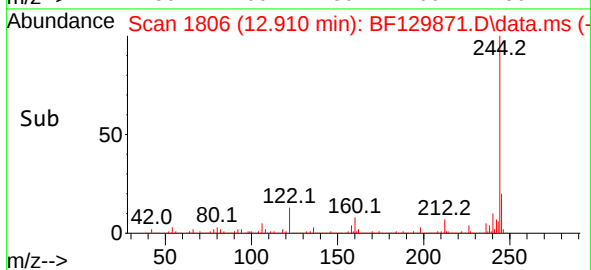
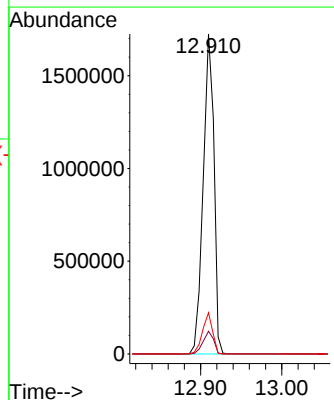
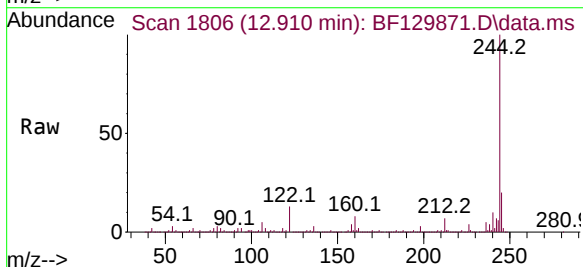
Instrument :
BNA_F
ClientSampleId :
S11

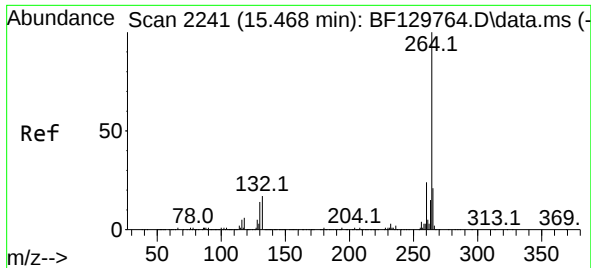
Tgt Ion:184 Resp: 1665
Ion Ratio Lower Upper
184 100
185 115.1 11.4 17.2#
183 0.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 105.026 ng
RT: 12.910 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

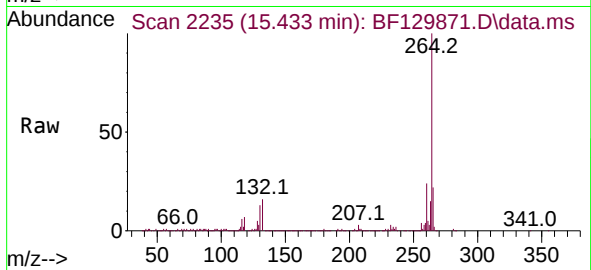
Tgt Ion:244 Resp: 1586592
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.9 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129871.D
Acq: 18 Aug 2022 12:36

Instrument :
BNA_F
ClientSampleId :
S11



Tgt Ion:264 Resp: 235345
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 22.1 16.7 25.1

