

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129876.D
 Acq On : 18 Aug 2022 15:16
 Operator : CG\JU
 Sample : N4200-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S9

Quant Time: Aug 19 00:58:39 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)

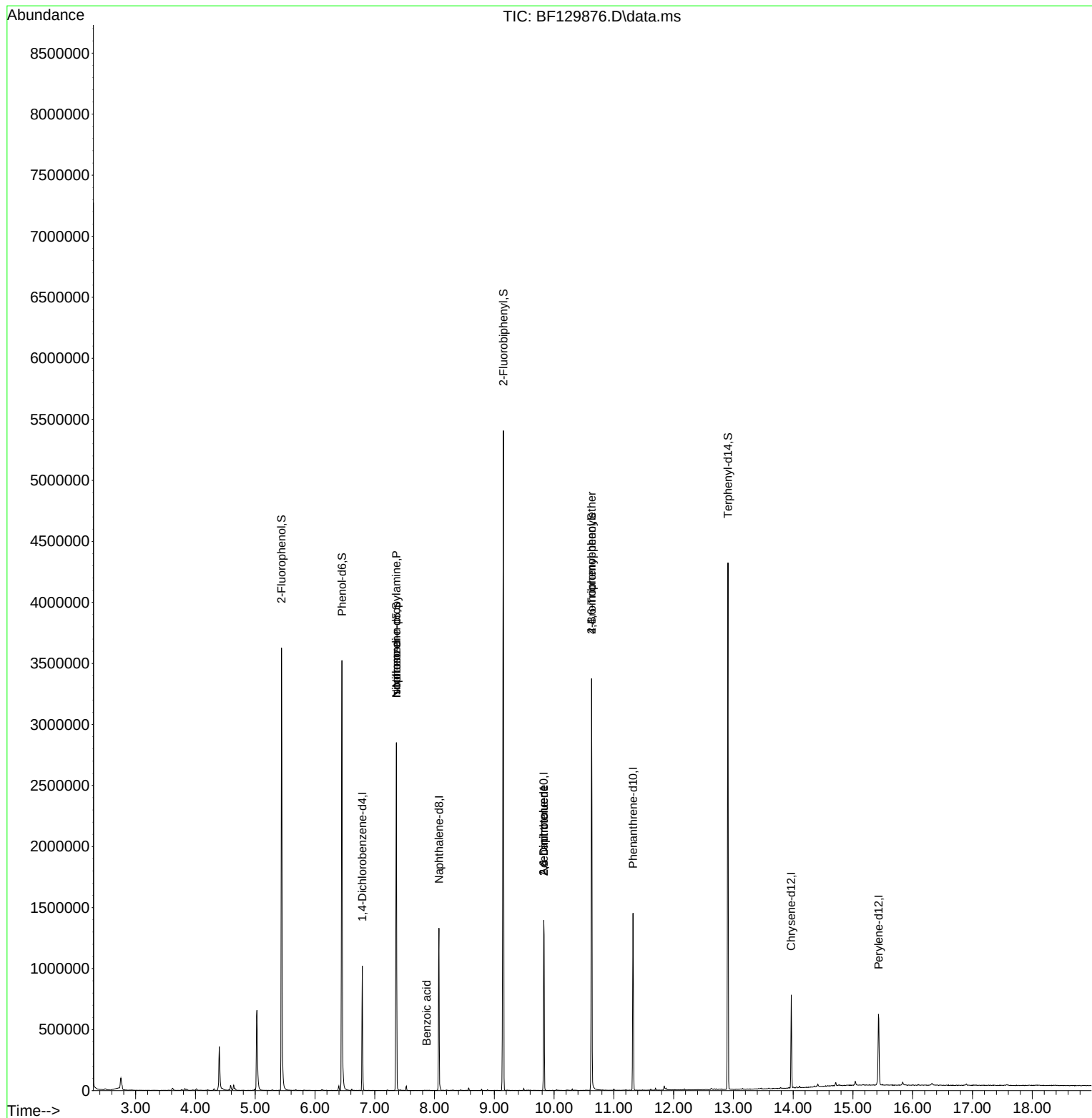
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	139254	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	558437	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	300910	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	476810	20.000	ng	0.00
76) Chrysene-d12	13.968	240	228571	20.000	ng	0.00
86) Perylene-d12	15.427	264	257263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1035092	123.070	ng	0.01
7) Phenol-d6	6.451	99	1200817	114.012	ng	0.00
23) Nitrobenzene-d5	7.363	82	888643	85.185	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	403315	133.544	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1621148	81.825	ng	0.00
79) Terphenyl-d14	12.910	244	1359727	98.984	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	148	Below Cal	#	50
19) n-Nitroso-di-n-propyla...	7.363	70	118223	17.758	ng	# 76
25) Isophorone	7.363	82	888636	49.493	ng	# 65
32) Benzoic acid	7.869	122	760	2.450	ng	# 94
51) 2,6-Dinitrotoluene	9.828	165	38677	8.266	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	38677	6.367	ng	# 18
67) 4-Bromophenyl-phenylether	10.627	248	25221	4.516	ng	# 1
77) Benzidine	12.910	184	18205	Below Cal	#	92

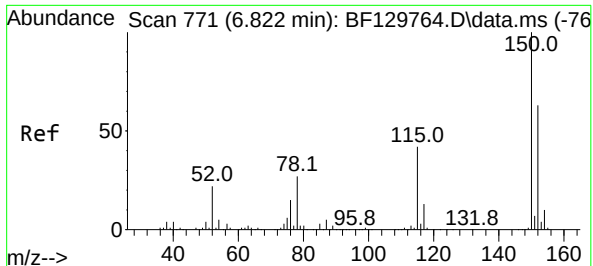
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
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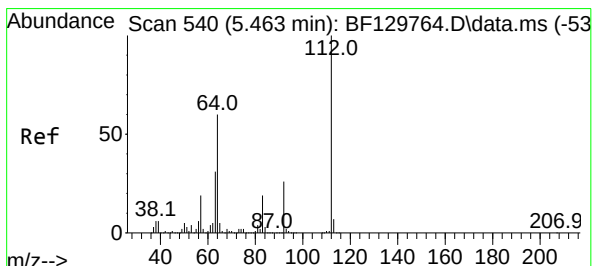
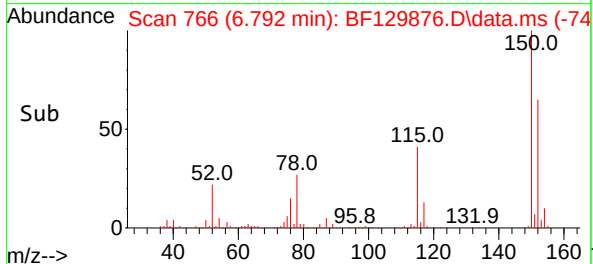
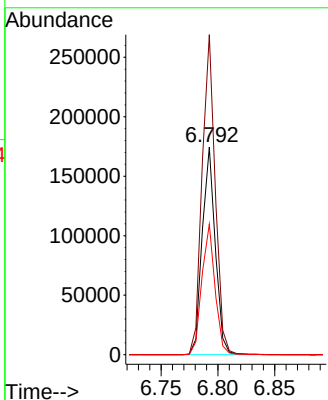
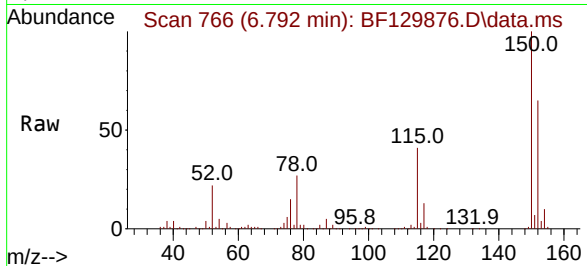




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129876.D
 Acq: 18 Aug 2022 15:16

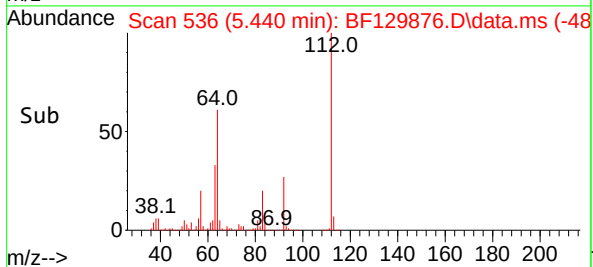
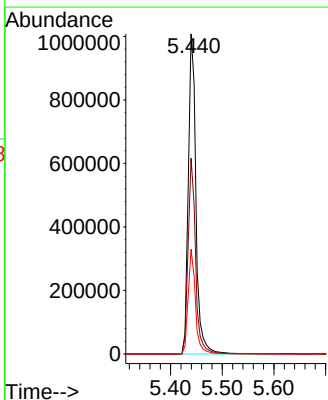
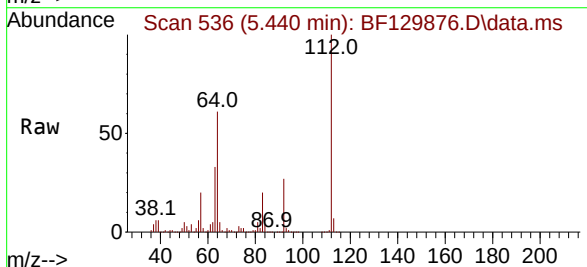
Instrument :
 BNA_F
 ClientSampleId :
 S9

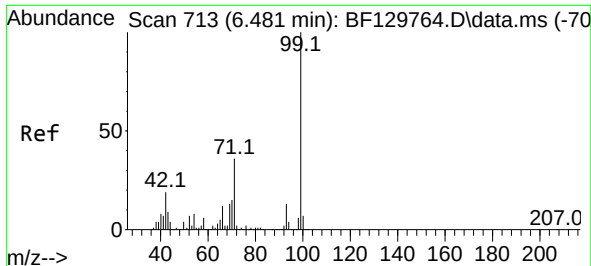
Tgt Ion:152 Resp: 139254
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.9 190.3
 115 62.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 123.070 ng
 RT: 5.440 min Scan# 536
 Delta R.T. 0.012 min
 Lab File: BF129876.D
 Acq: 18 Aug 2022 15:16

Tgt Ion:112 Resp: 1035092
 Ion Ratio Lower Upper
 112 100
 64 61.2 47.6 71.4
 63 32.7 24.6 37.0

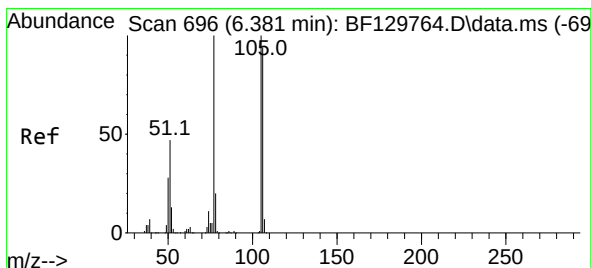
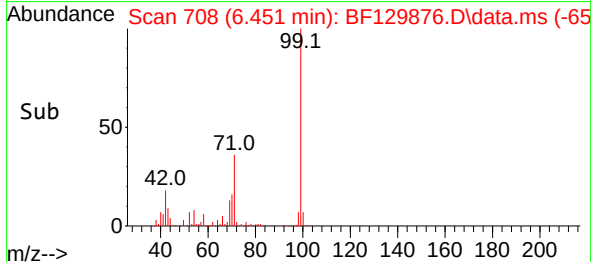
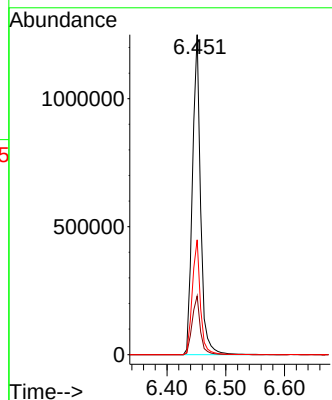
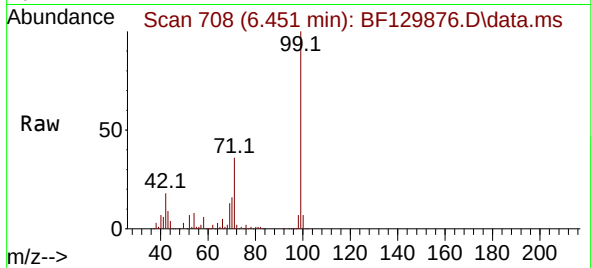




#7
Phenol-d6
Concen: 114.012 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

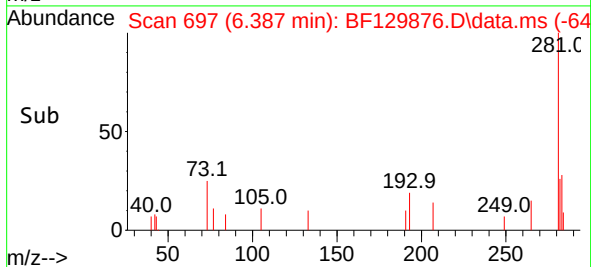
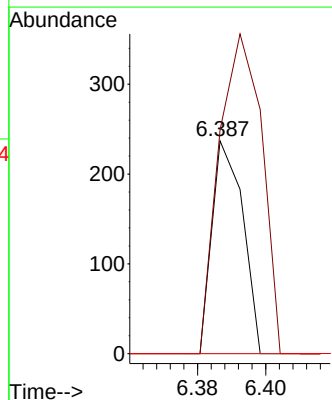
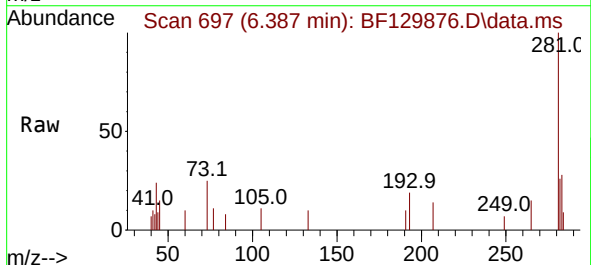
Instrument :
BNA_F
ClientSampleId :
S9

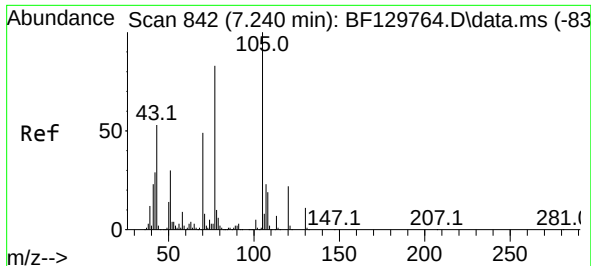
Tgt Ion: 99 Resp: 1200817
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 35.9 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.387 min Scan# 697
Delta R.T. 0.035 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

Tgt Ion: 77 Resp: 148
Ion Ratio Lower Upper
77 100
105 105.1 80.3 120.3
106 0.0 74.3 114.3#

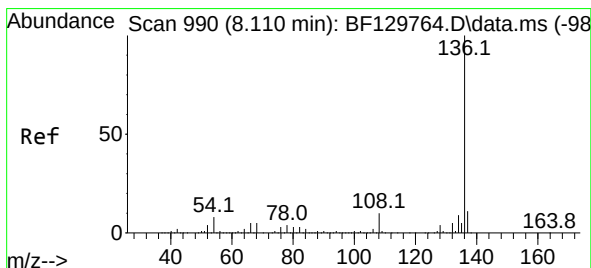
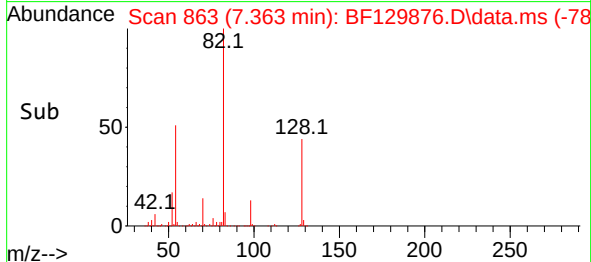
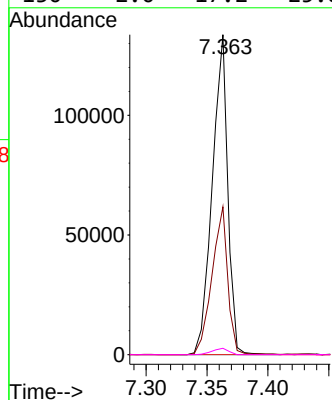
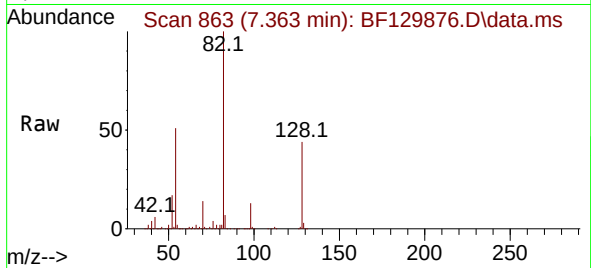




#19
n-Nitroso-di-n-propylamine
Concen: 17.758 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

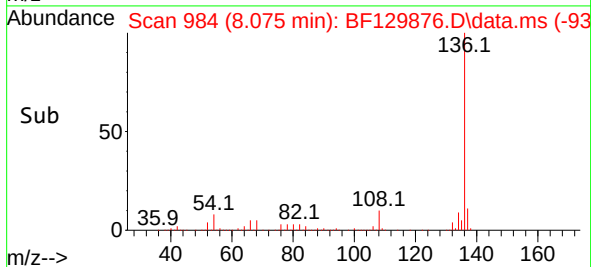
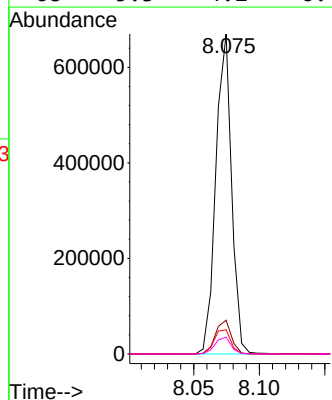
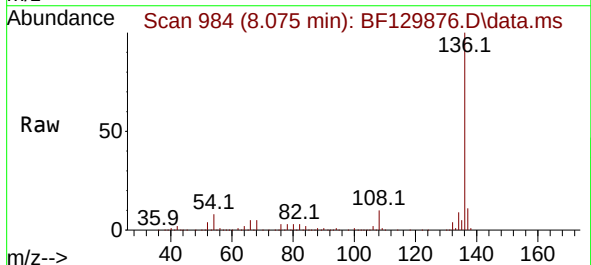
Instrument :
BNA_F
ClientSampleId :
S9

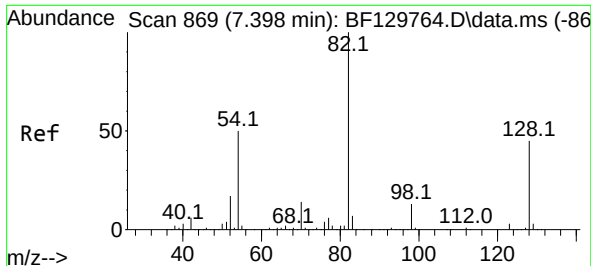
Tgt Ion: 70 Resp: 118223
Ion Ratio Lower Upper
70 100
42 46.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

Tgt Ion: 136 Resp: 558437
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.5 6.2 9.2
68 5.3 4.2 6.4

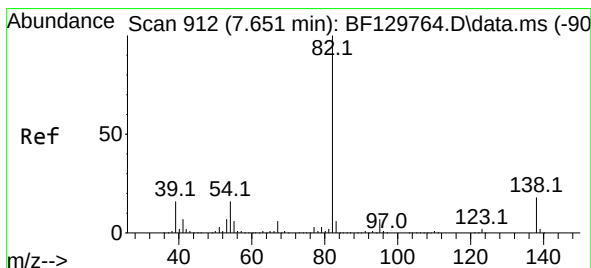
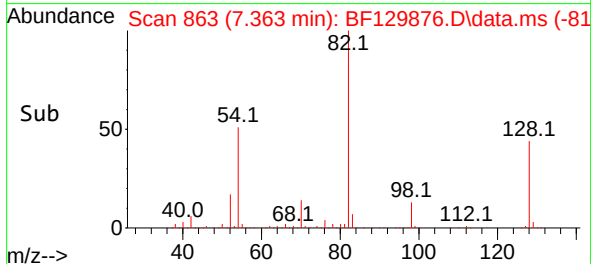
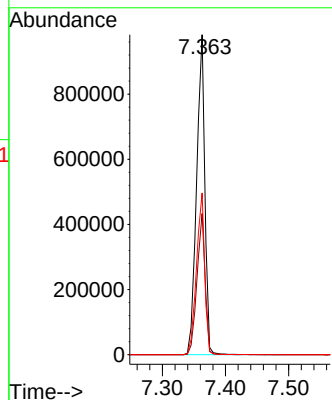
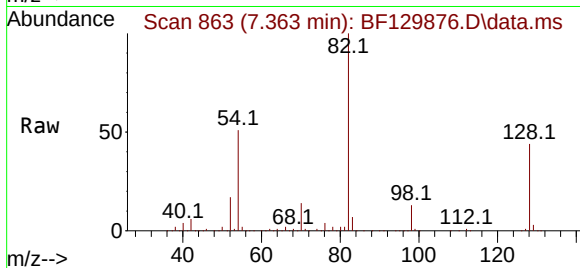




#23
Nitrobenzene-d5
Concen: 85.185 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

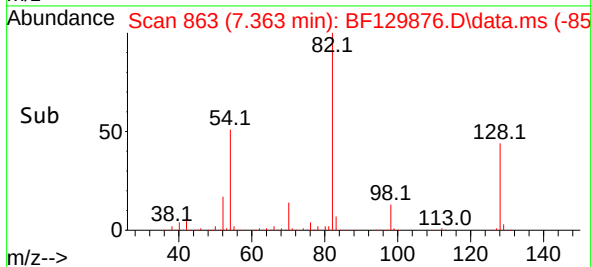
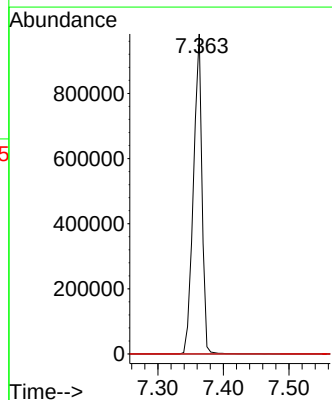
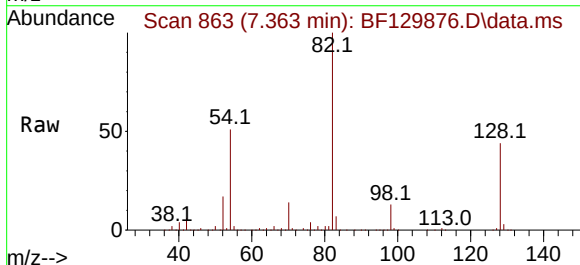
Instrument :
BNA_F
ClientSampleId :
S9

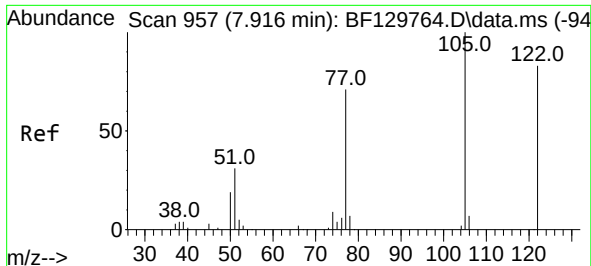
Tgt Ion: 82 Resp: 888643
Ion Ratio Lower Upper
82 100
128 44.1 36.1 54.1
54 50.5 40.0 60.0



#25
Isophorone
Concen: 49.493 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.259 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

Tgt Ion: 82 Resp: 888636
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

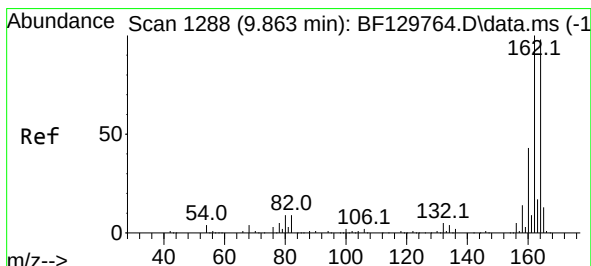
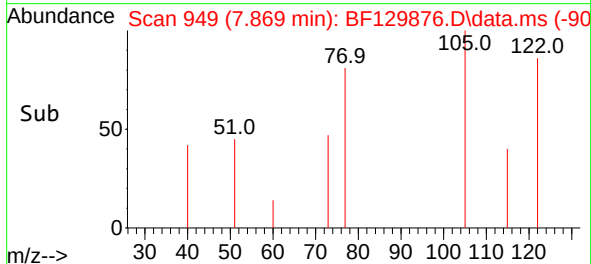
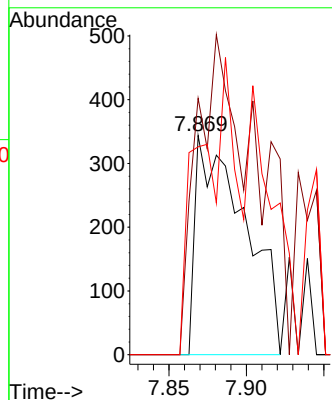
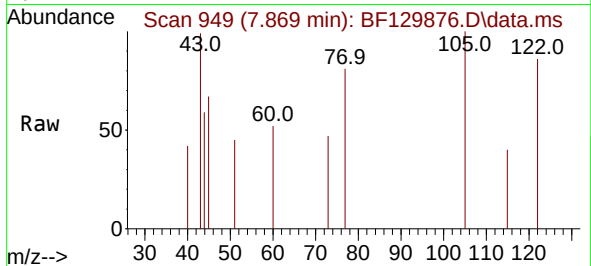




#32
Benzoic acid
Concen: 2.450 ng
RT: 7.869 min Scan# 949
Delta R.T. -0.018 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

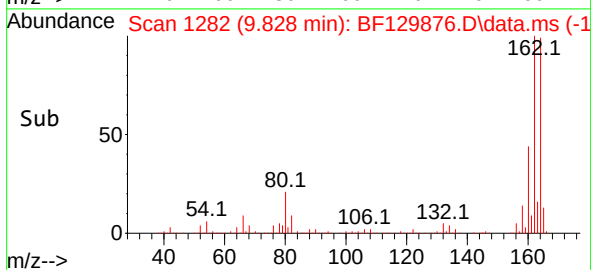
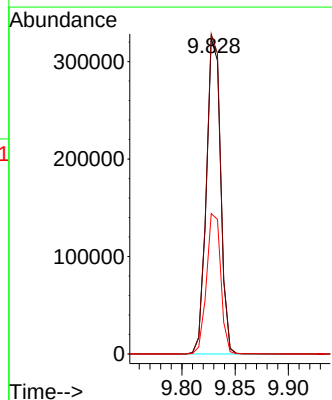
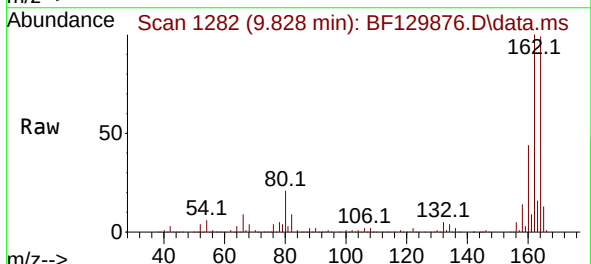
Instrument :
BNA_F
ClientSampleId :
S9

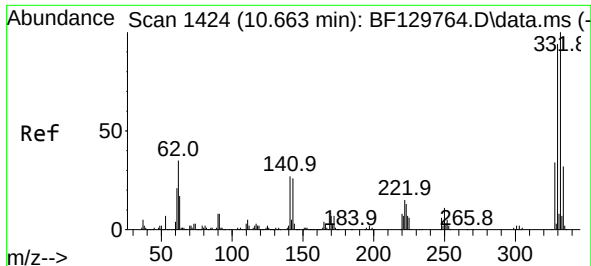
Tgt Ion:	122	Resp:	760
Ion	Ratio	Lower	Upper
122	100		
105	116.9	99.9	139.9
77	94.8	65.9	105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

Tgt Ion:	164	Resp:	300910
Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.0	123.0
160	44.4	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 133.544 ng

RT: 10.627 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF129876.D

Acq: 18 Aug 2022 15:16

Instrument :

BNA_F

ClientSampleId :

S9

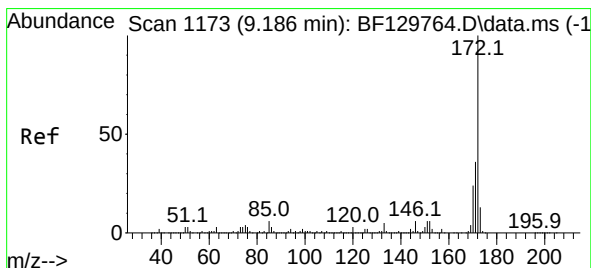
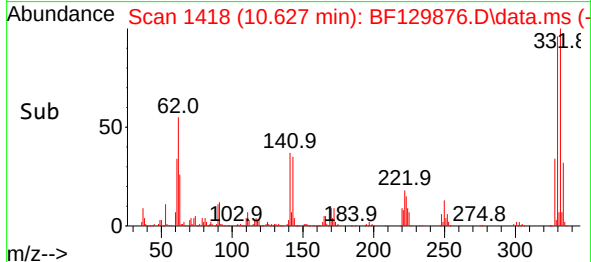
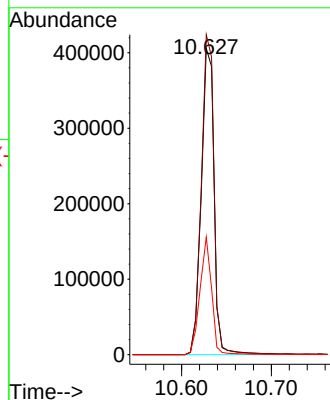
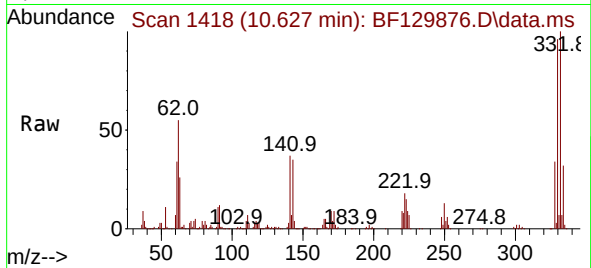
Tgt Ion:330 Resp: 403315

Ion Ratio Lower Upper

330 100

332 103.6 82.6 124.0

141 35.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 81.825 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129876.D

Acq: 18 Aug 2022 15:16

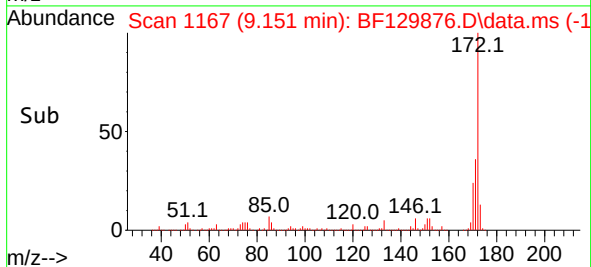
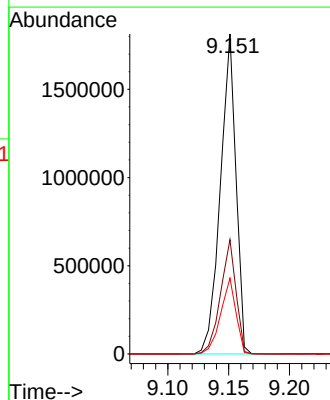
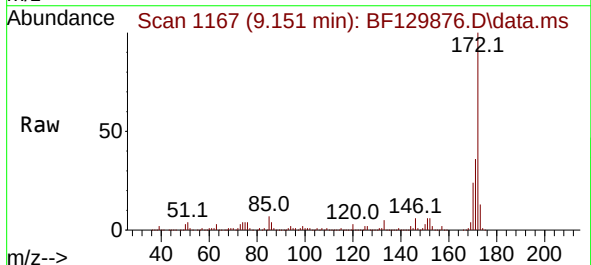
Tgt Ion:172 Resp: 1621148

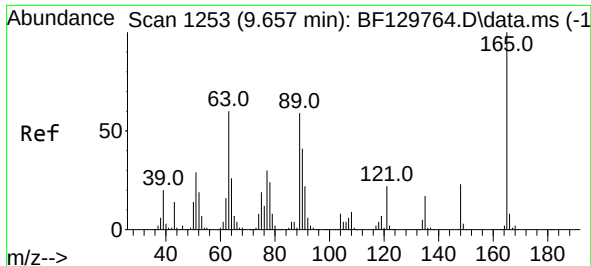
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.266 ng

RT: 9.828 min Scan# 1282

Delta R.T. 0.200 min

Lab File: BF129876.D

Acq: 18 Aug 2022 15:16

Instrument :

BNA_F

ClientSampleId :

S9

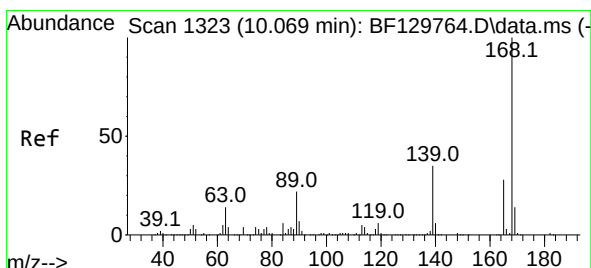
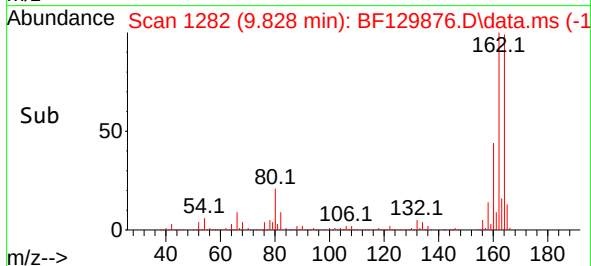
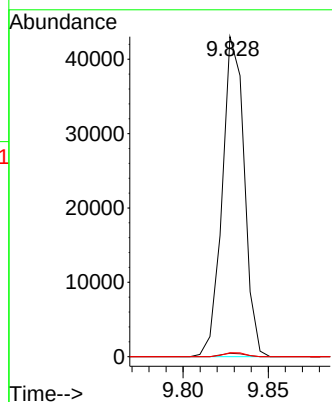
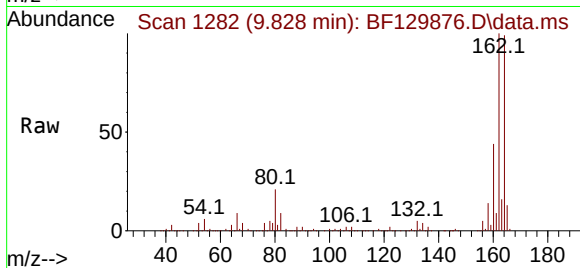
Tgt Ion:165 Resp: 38677

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.3 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.367 ng

RT: 9.828 min Scan# 1282

Delta R.T. -0.212 min

Lab File: BF129876.D

Acq: 18 Aug 2022 15:16

Tgt Ion:165 Resp: 38677

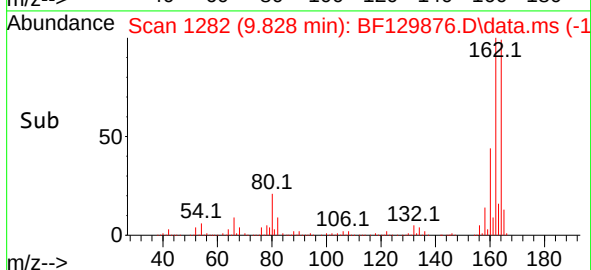
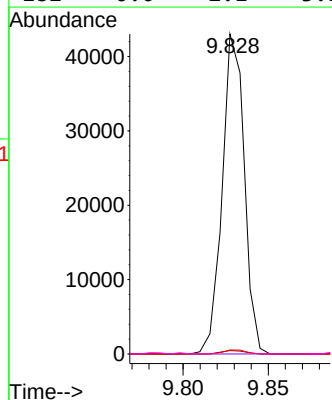
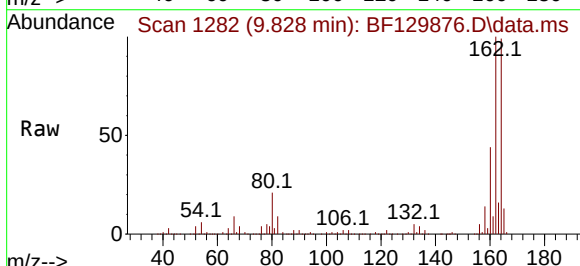
Ion Ratio Lower Upper

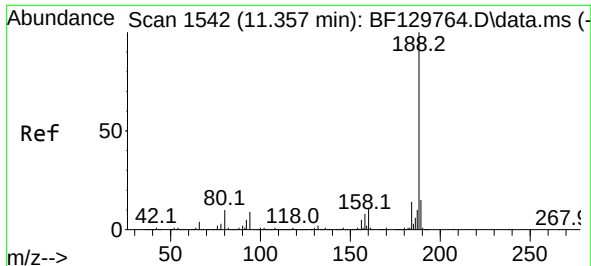
165 100

63 1.0 48.4 72.6#

89 1.3 62.3 93.5#

182 0.0 2.1 3.1#

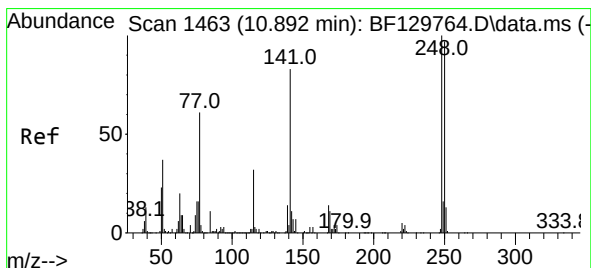
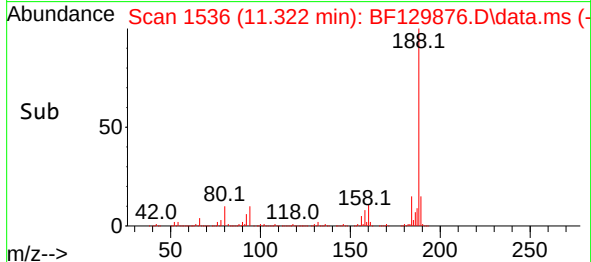
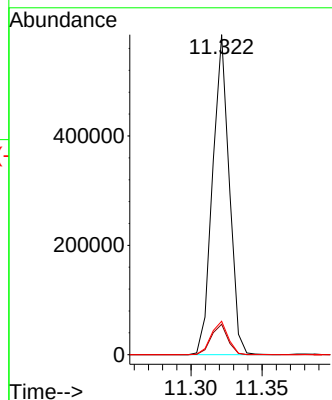
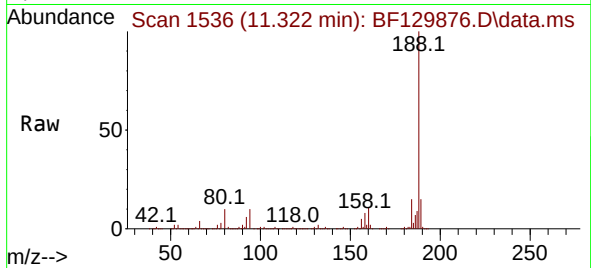




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

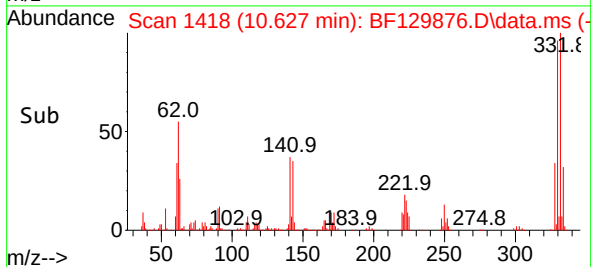
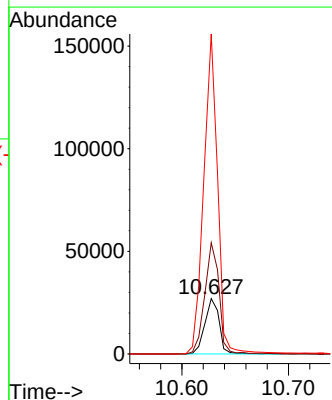
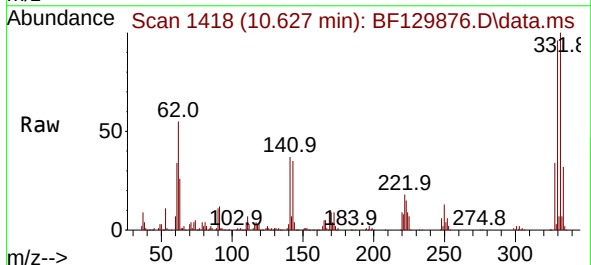
Instrument :
BNA_F
ClientSampleId :
S9

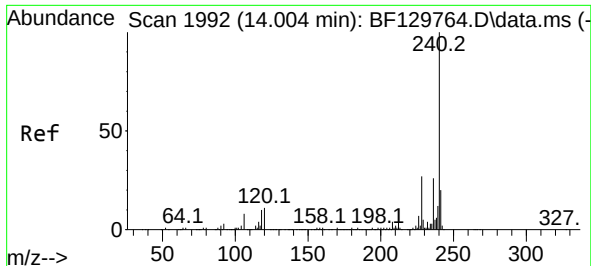
Tgt Ion:188 Resp: 476810
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.516 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

Tgt Ion:248 Resp: 25221
Ion Ratio Lower Upper
248 100
250 201.1 77.8 116.6#
141 578.6 66.2 99.2#

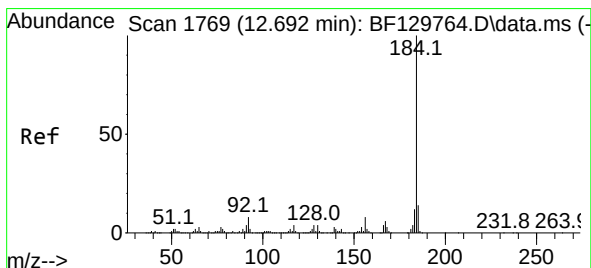
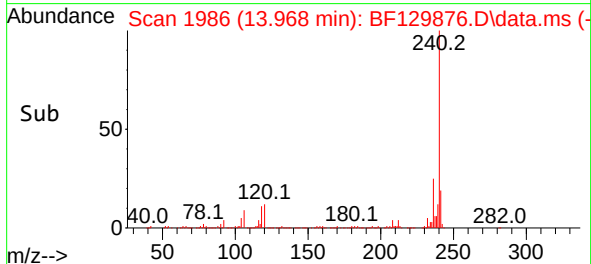
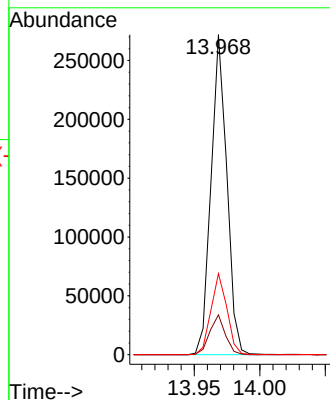
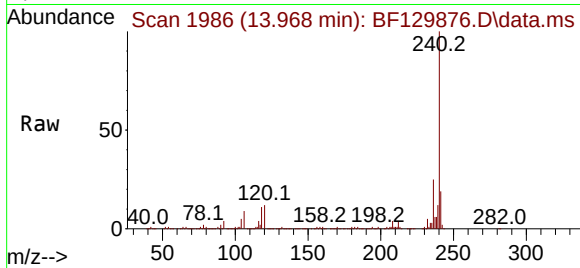




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

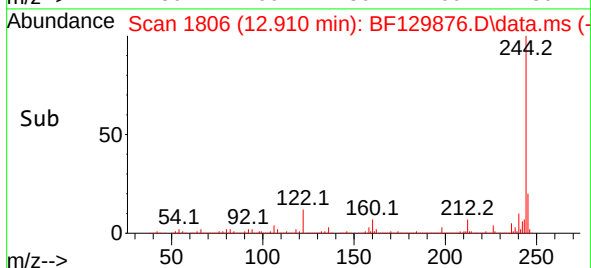
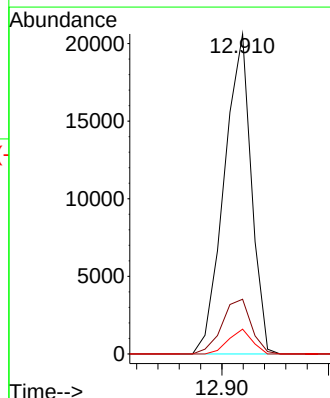
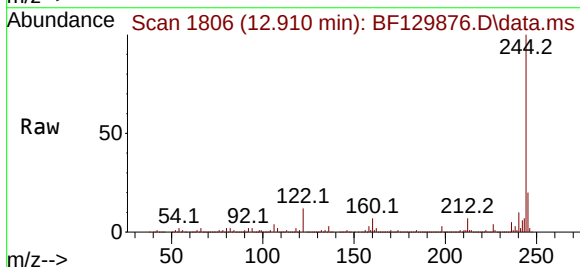
Instrument :
BNA_F
ClientSampleId :
S9

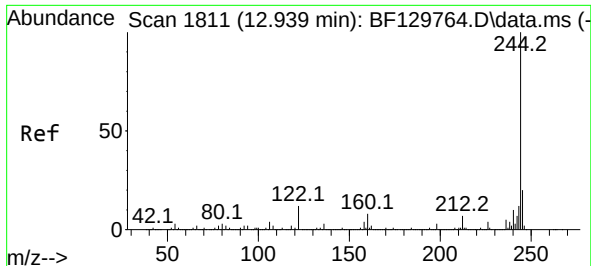
Tgt Ion:240 Resp: 228571
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 25.3 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.910 min Scan# 1806
Delta R.T. 0.247 min
Lab File: BF129876.D
Acq: 18 Aug 2022 15:16

Tgt Ion:184 Resp: 18205
Ion Ratio Lower Upper
184 100
185 17.1 11.4 17.2
183 7.8 9.4 14.2#

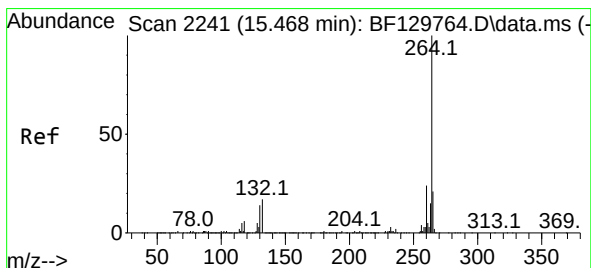
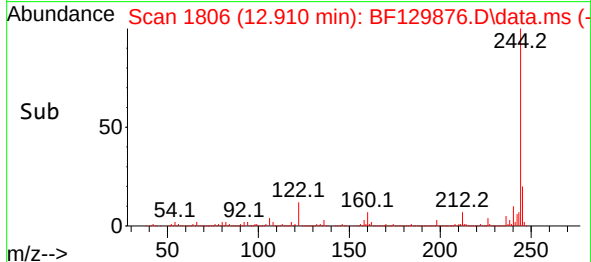
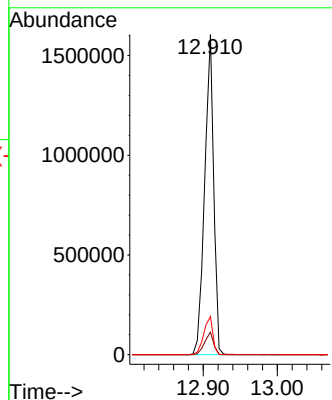
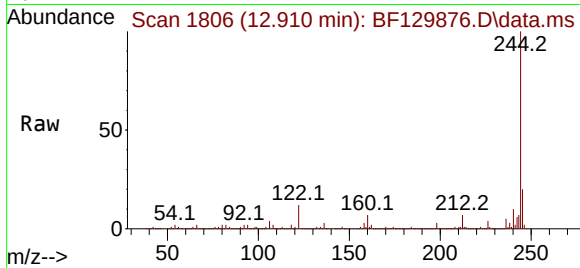




#79
 Terphenyl-d14
 Concen: 98.984 ng
 RT: 12.910 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: BF129876.D
 Acq: 18 Aug 2022 15:16

Instrument :
 BNA_F
 ClientSampleId :
 S9

Tgt Ion:244 Resp: 1359727
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.9 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: BF129876.D
 Acq: 18 Aug 2022 15:16

Tgt Ion:264 Resp: 257263
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.7 16.7 25.1

