

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129887.D
 Acq On : 18 Aug 2022 21:19
 Operator : CG\JU
 Sample : N4200-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Quant Time: Aug 19 01:04:47 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)

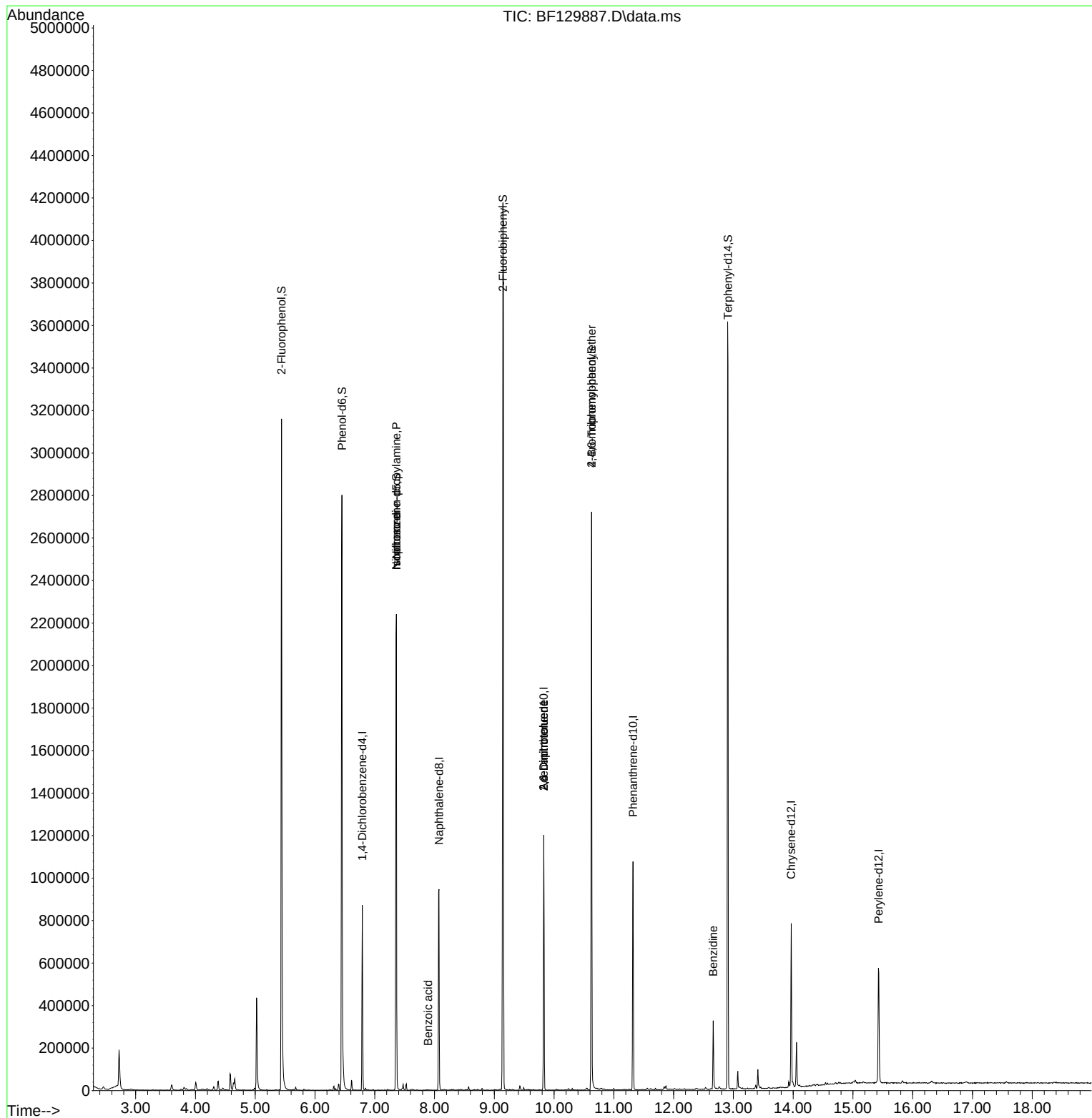
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	112512	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	450980	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	231888	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	361377	20.000	ng	0.00
76) Chrysene-d12	13.969	240	233628	20.000	ng	0.00
86) Perylene-d12	15.427	264	252356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	878319	129.251	ng	0.01
7) Phenol-d6	6.451	99	996331	117.081	ng	0.00
23) Nitrobenzene-d5	7.363	82	757353	89.899	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	311730	133.942	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1376760	90.174	ng	0.00
79) Terphenyl-d14	12.910	244	1257469	89.559	ng	0.00
Target Compounds						
9) Benzaldehyde	6.340	77	347	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.363	70	101219	18.818	ng	# 75
25) Isophorone	7.363	82	757347	52.231	ng	# 65
32) Benzoic acid	7.892	122	163	2.229	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	29993	8.318	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	29993	6.407	ng	# 18
67) 4-Bromophenyl-phenylether	10.628	248	19767	4.670	ng	# 1
77) Benzidine	12.663	184	111820	16.556	ng	100

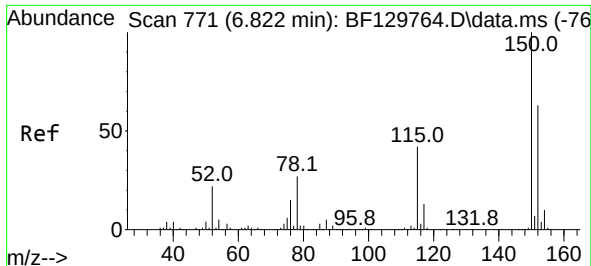
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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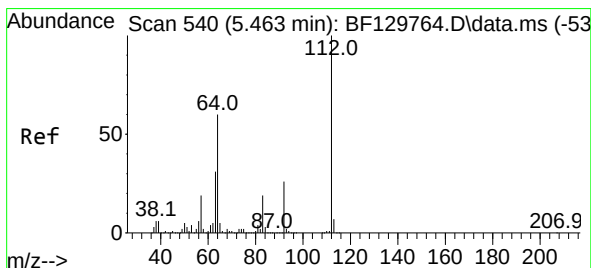
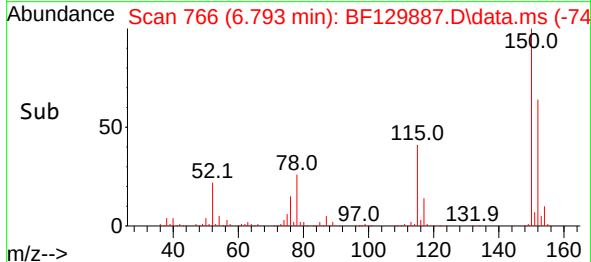
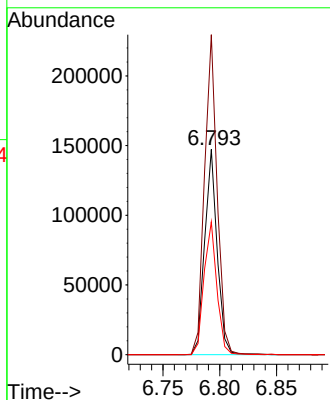
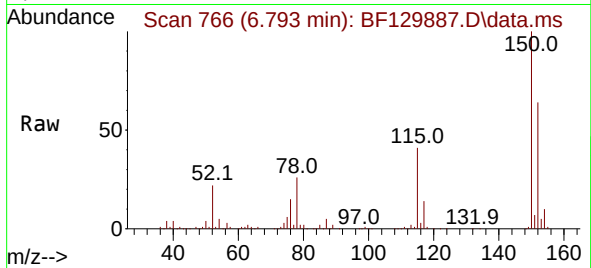




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

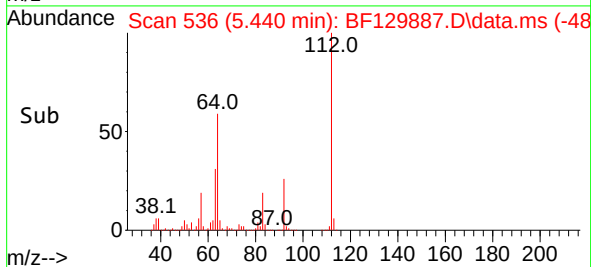
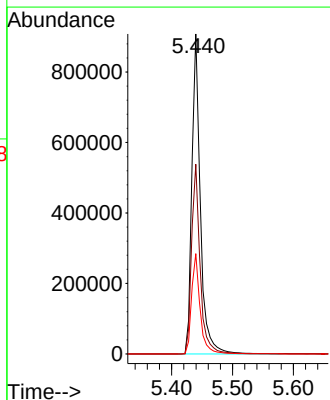
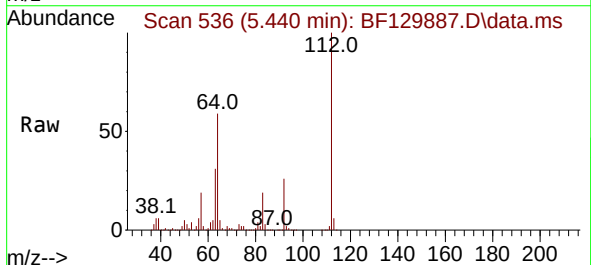
Instrument :
BNA_F
ClientSampleId :
S2

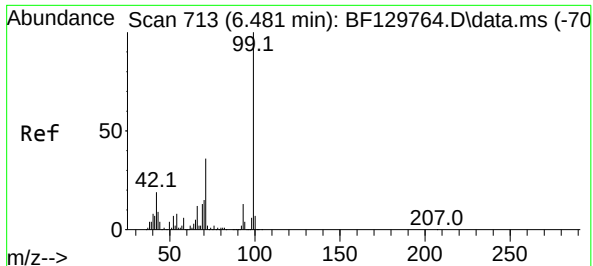
Tgt Ion:152 Resp: 112512
Ion Ratio Lower Upper
152 100
150 155.9 126.9 190.3
115 64.7 53.4 80.0



#5
2-Fluorophenol
Concen: 129.251 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.012 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

Tgt Ion:112 Resp: 878319
Ion Ratio Lower Upper
112 100
64 59.3 47.6 71.4
63 31.3 24.6 37.0

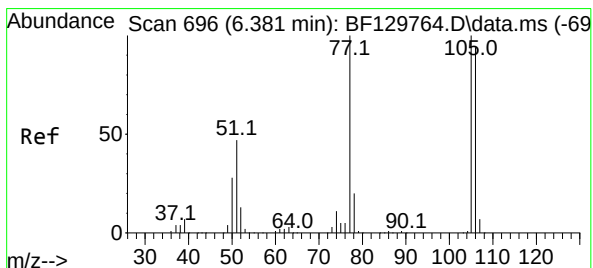
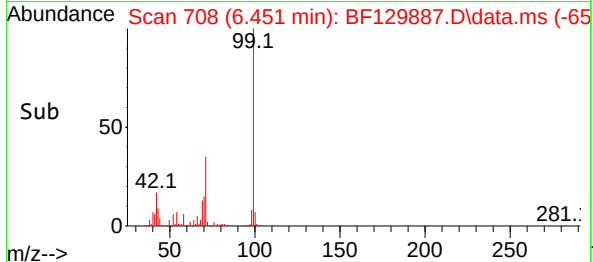
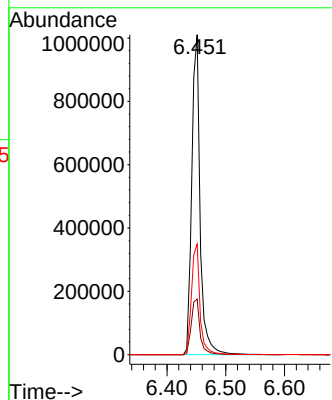
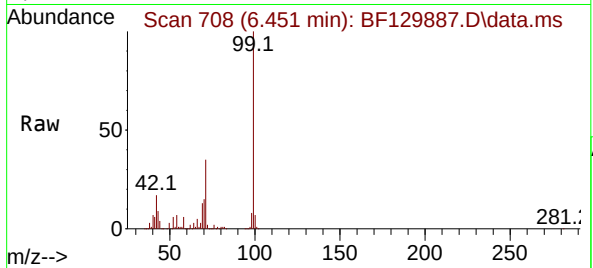




#7
Phenol-d6
Concen: 117.081 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

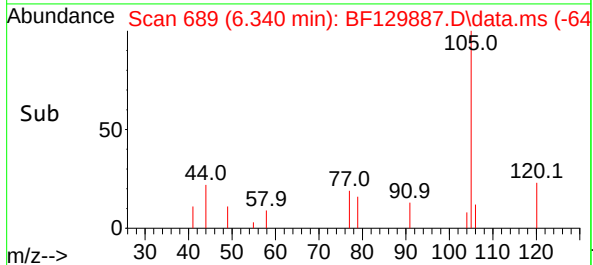
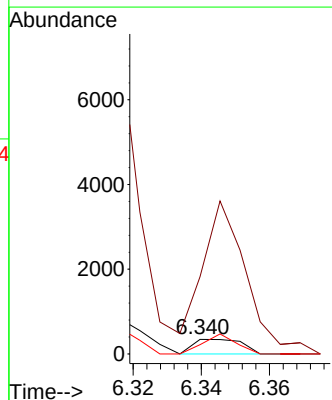
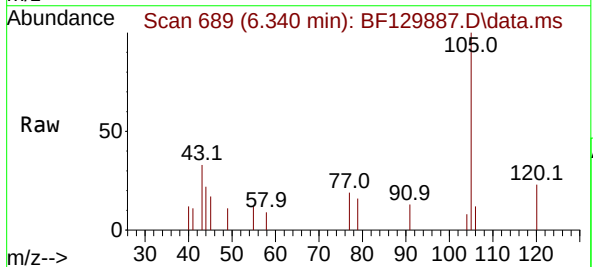
Instrument :
BNA_F
ClientSampleId :
S2

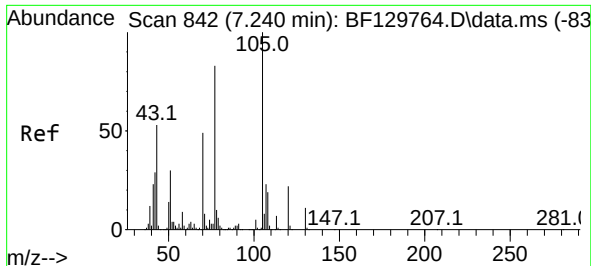
Tgt Ion: 99 Resp: 996331
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.4
71 34.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.340 min Scan# 689
Delta R.T. -0.012 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

Tgt Ion: 77 Resp: 347
Ion Ratio Lower Upper
77 100
105 530.2 80.3 120.3#
106 63.4 74.3 114.3#

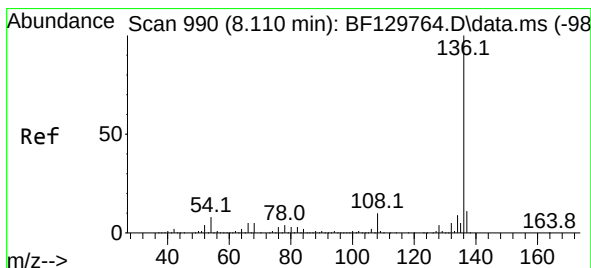
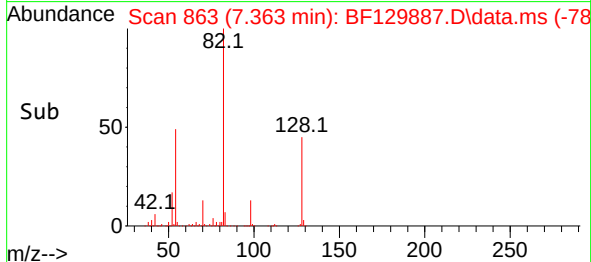
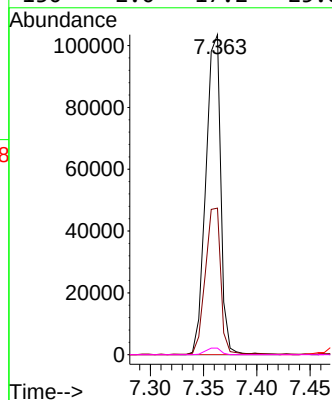
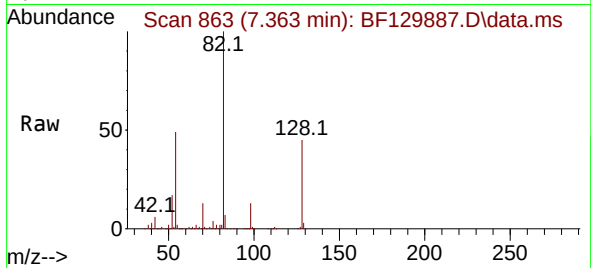




#19
n-Nitroso-di-n-propylamine
Concen: 18.818 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

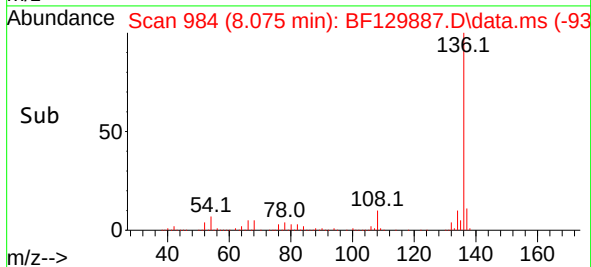
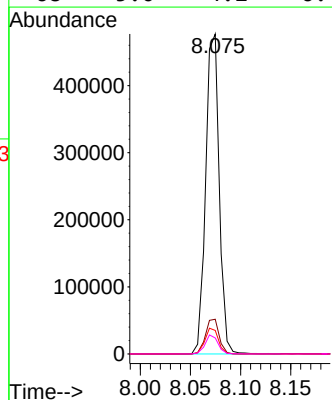
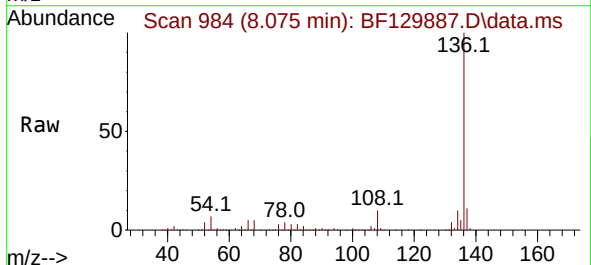
Instrument :
BNA_F
ClientSampleId :
S2

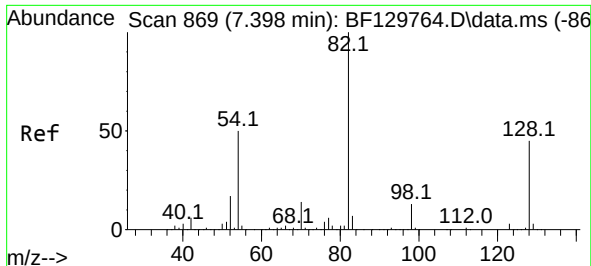
Tgt Ion: 70 Resp: 101219
Ion Ratio Lower Upper
70 100
42 45.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

Tgt Ion: 136 Resp: 450980
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.4 6.2 9.2
68 5.0 4.2 6.4

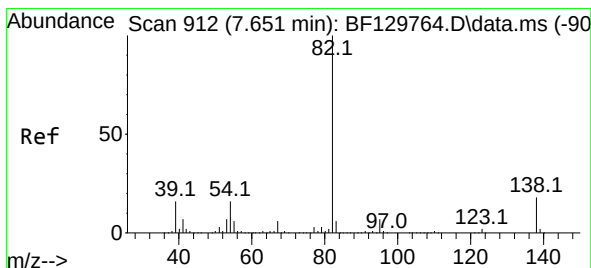
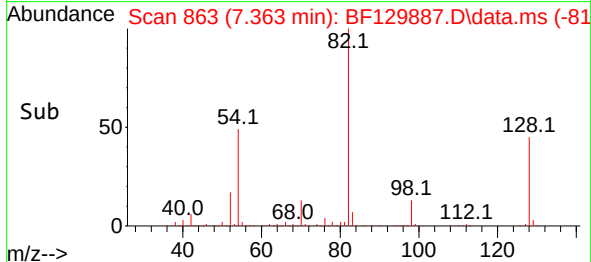
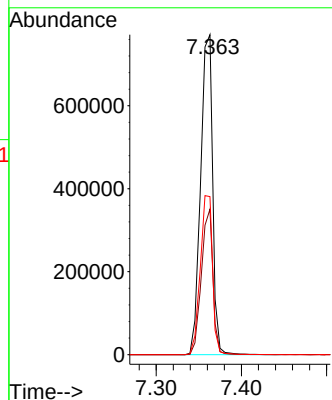
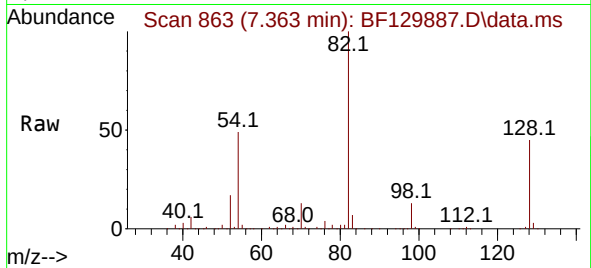




#23
Nitrobenzene-d5
Concen: 89.899 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

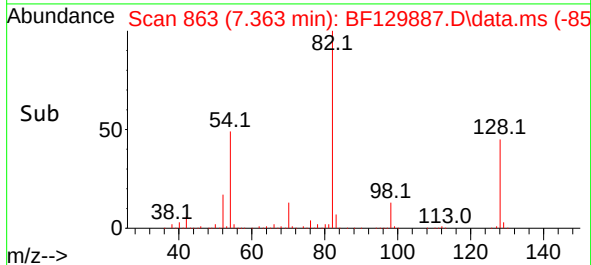
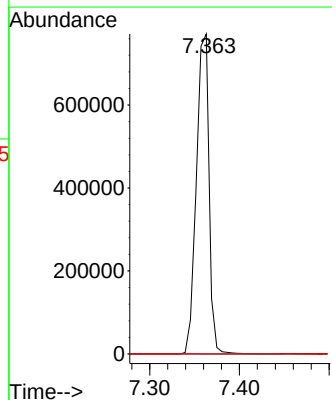
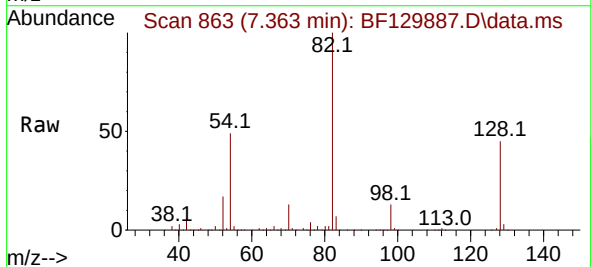
Instrument :
BNA_F
ClientSampleId :
S2

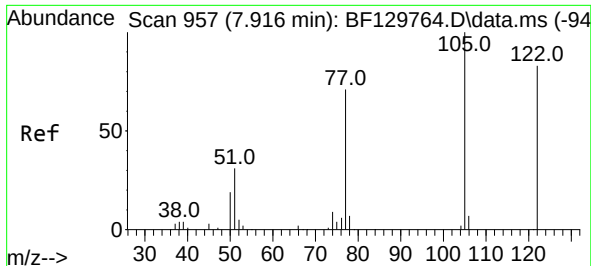
Tgt Ion: 82 Resp: 757353
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 49.4 40.0 60.0



#25
Isophorone
Concen: 52.231 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.259 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

Tgt Ion: 82 Resp: 757347
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

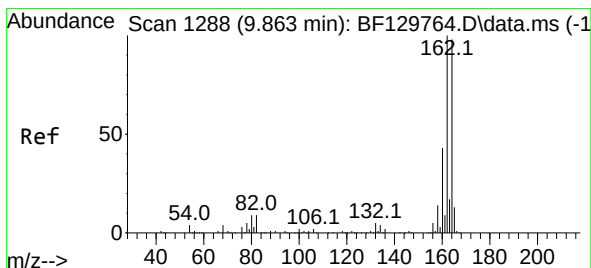
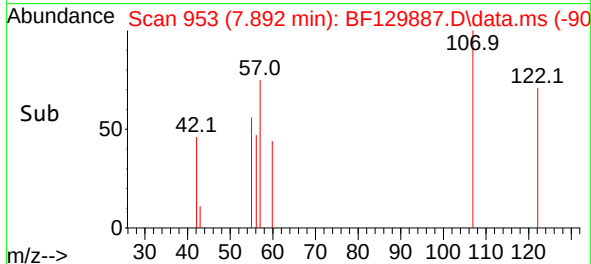
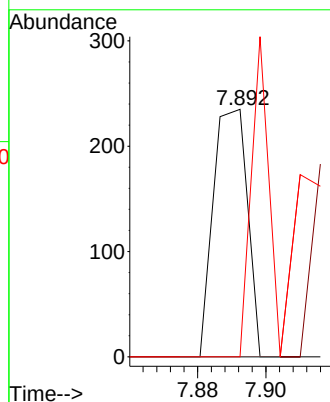
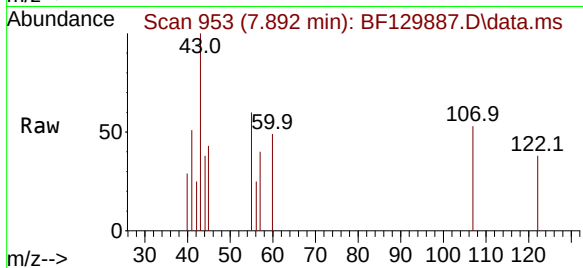




#32
Benzoic acid
Concen: 2.229 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

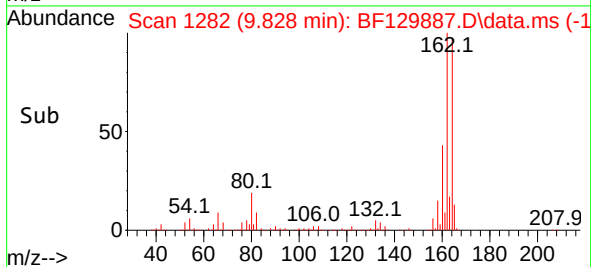
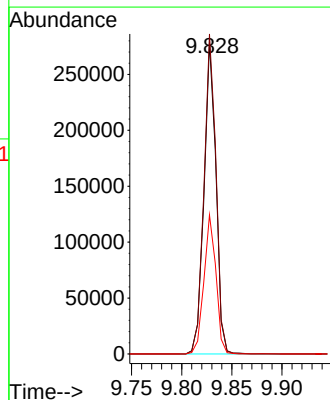
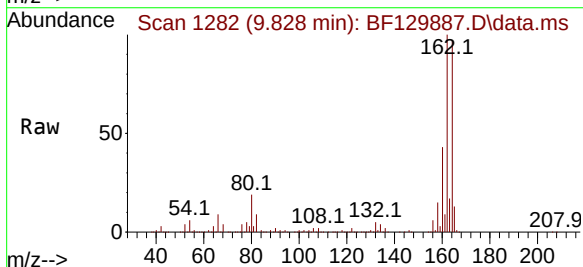
Instrument :
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ClientSampleId :
S2

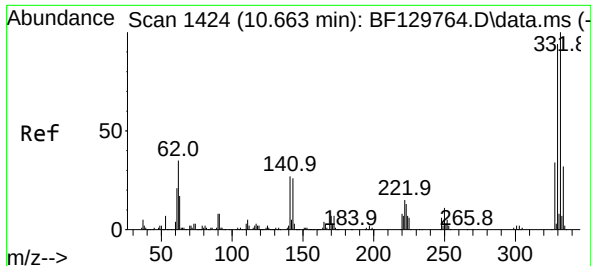
Tgt Ion:122 Resp: 163
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

Tgt Ion:164 Resp: 231888
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 44.7 35.4 53.0

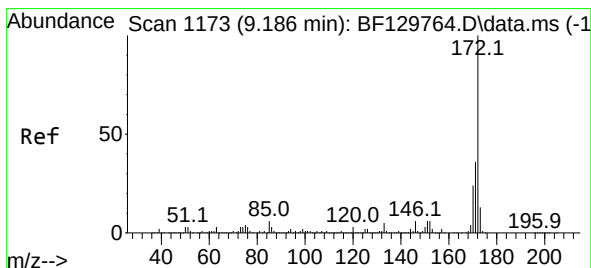
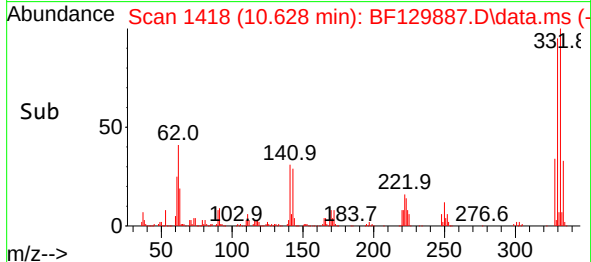
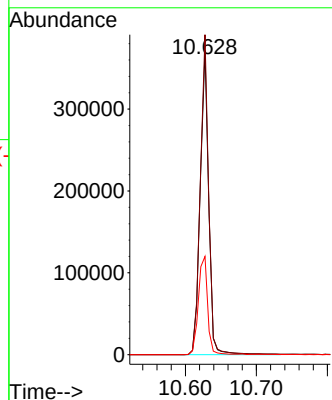
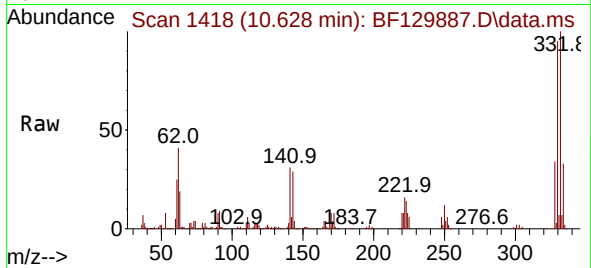




#42
2,4,6-Tribromophenol
Concen: 133.942 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

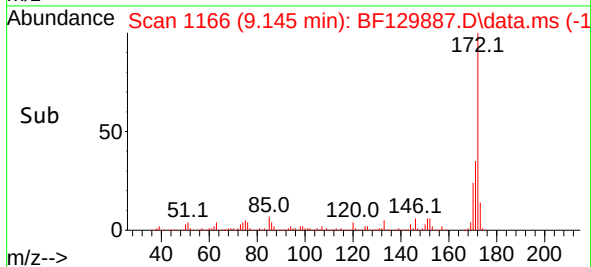
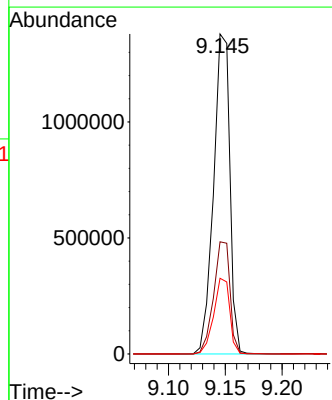
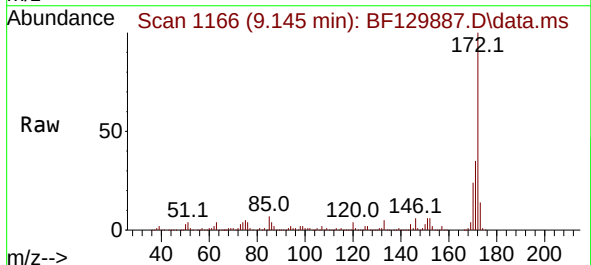
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ClientSampleId :
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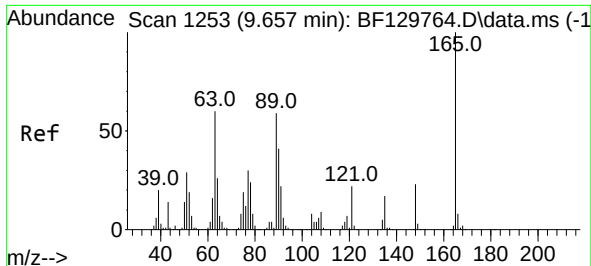
Tgt Ion: 330 Resp: 311730
Ion Ratio Lower Upper
330 100
332 103.5 82.6 124.0
141 35.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 90.174 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

Tgt Ion: 172 Resp: 1376760
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.318 ng

RT: 9.828 min Scan# 1282

Delta R.T. 0.200 min

Lab File: BF129887.D

Acq: 18 Aug 2022 21:19

Instrument :

BNA_F

ClientSampleId :

S2

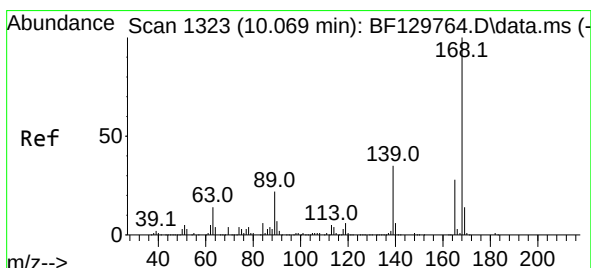
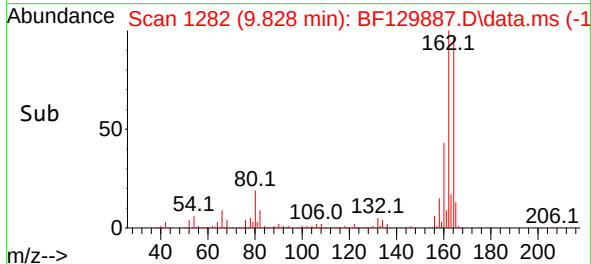
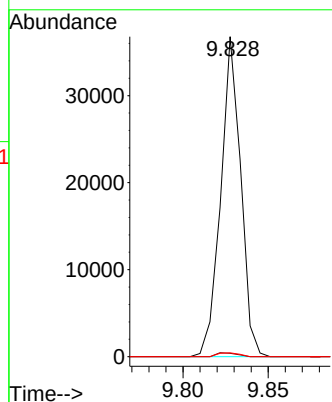
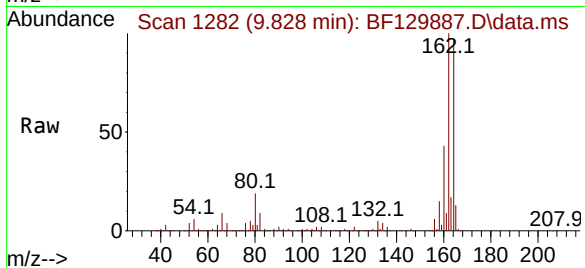
Tgt Ion:165 Resp: 29993

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.407 ng

RT: 9.828 min Scan# 1282

Delta R.T. -0.212 min

Lab File: BF129887.D

Acq: 18 Aug 2022 21:19

Tgt Ion:165 Resp: 29993

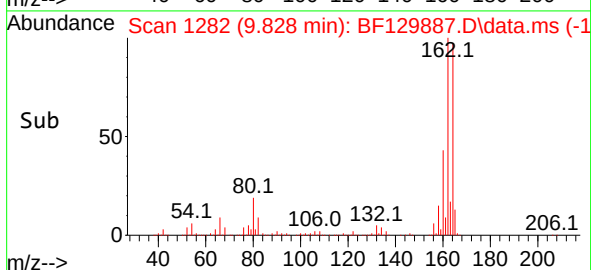
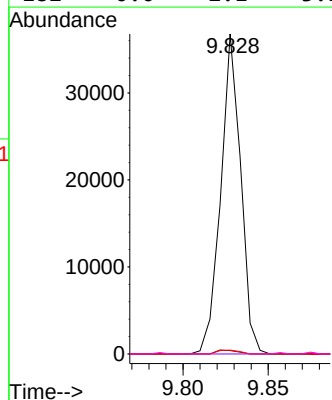
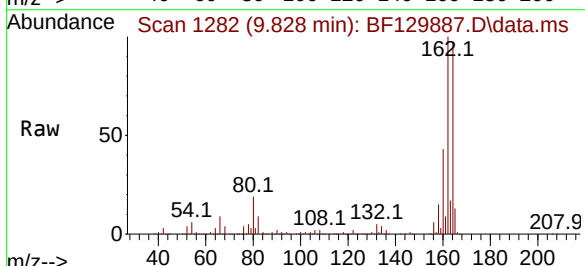
Ion Ratio Lower Upper

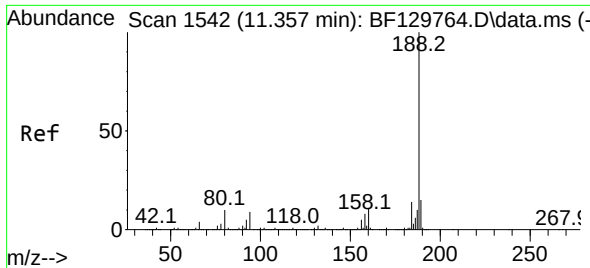
165 100

63 1.1 48.4 72.6#

89 1.2 62.3 93.5#

182 0.0 2.1 3.1#

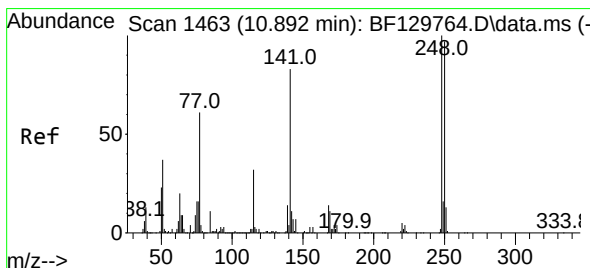
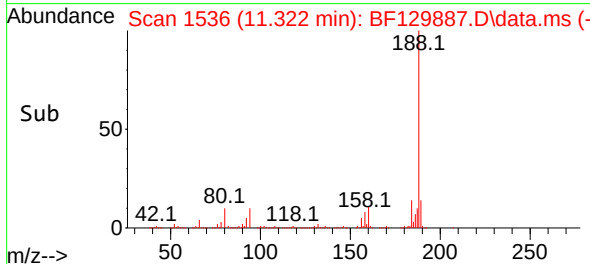
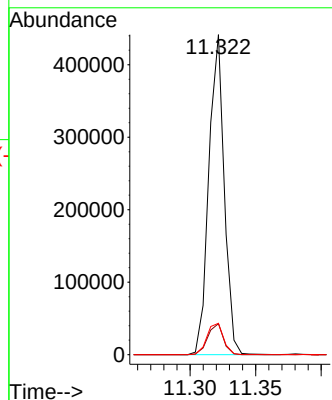
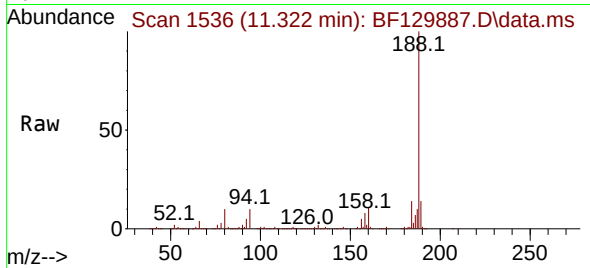




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

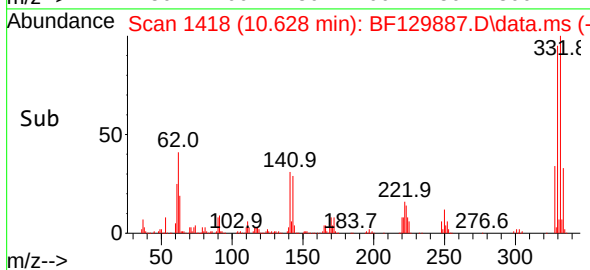
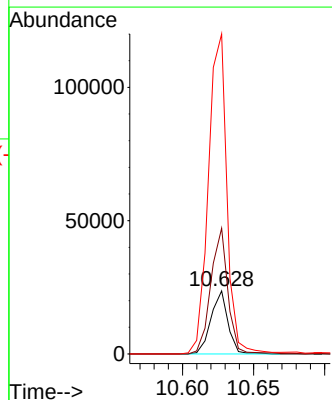
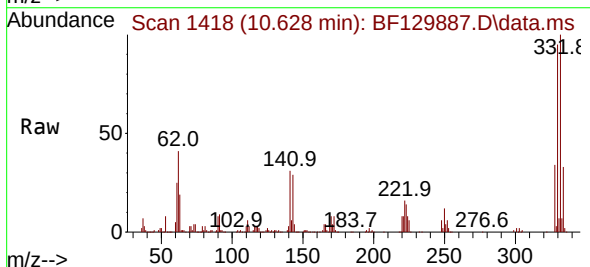
Instrument :
BNA_F
ClientSampleId :
S2

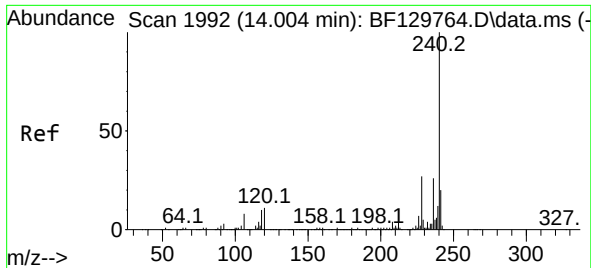
Tgt Ion:188 Resp: 361377
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 9.8 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.670 ng
RT: 10.628 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

Tgt Ion:248 Resp: 19767
Ion Ratio Lower Upper
248 100
250 199.3 77.8 116.6#
141 507.2 66.2 99.2#

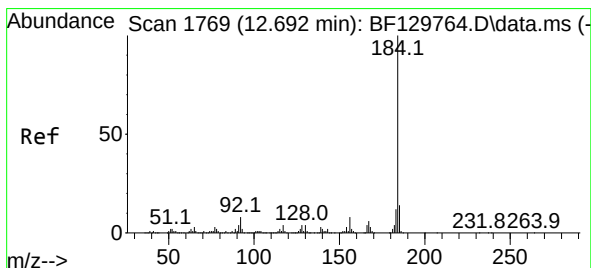
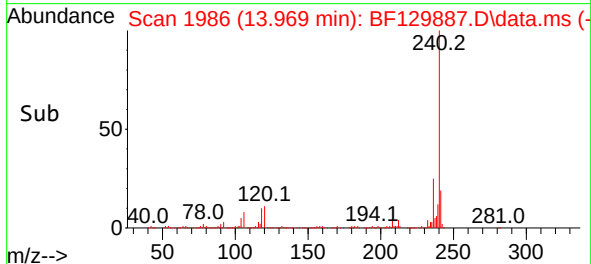
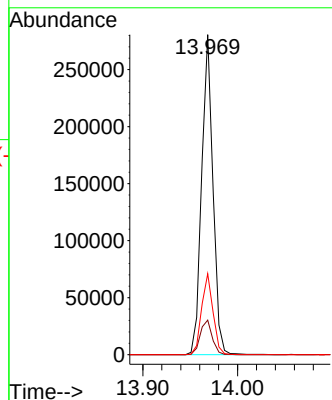
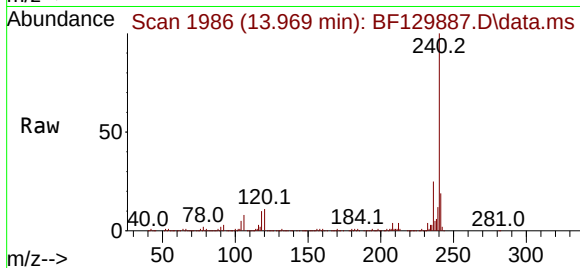




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

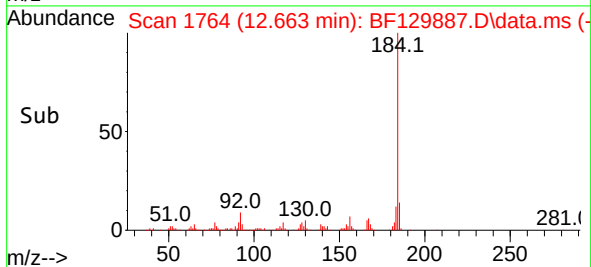
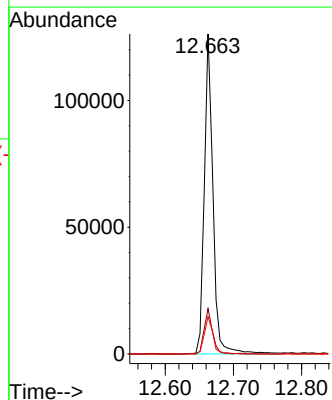
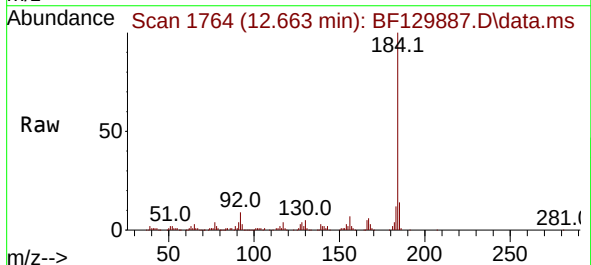
Instrument :
BNA_F
ClientSampleId :
S2

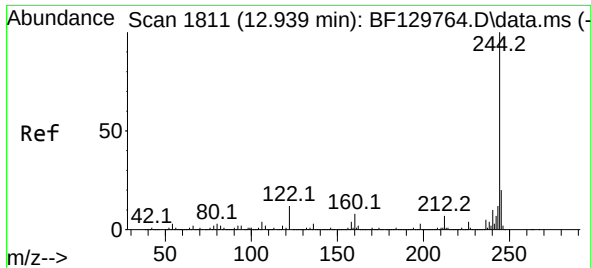
Tgt Ion:240 Resp: 233628
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.3 20.7 31.1



#77
Benzidine
Concen: 16.556 ng
RT: 12.663 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BF129887.D
Acq: 18 Aug 2022 21:19

Tgt Ion:184 Resp: 111820
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 11.6 9.4 14.2

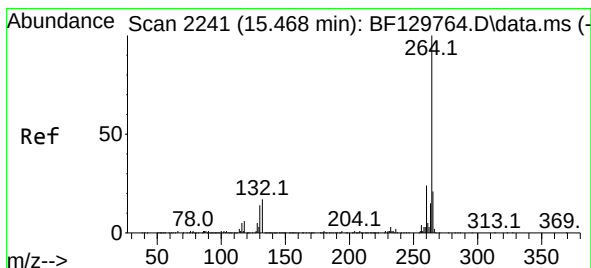
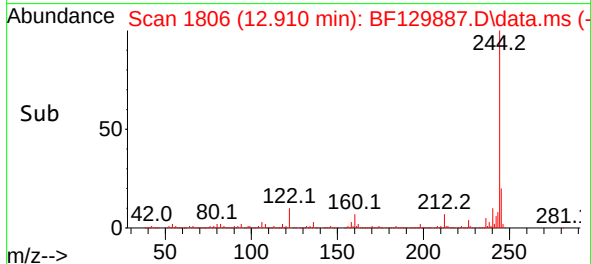
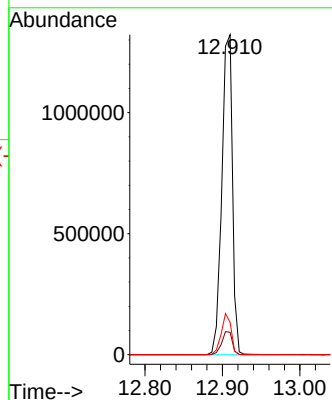
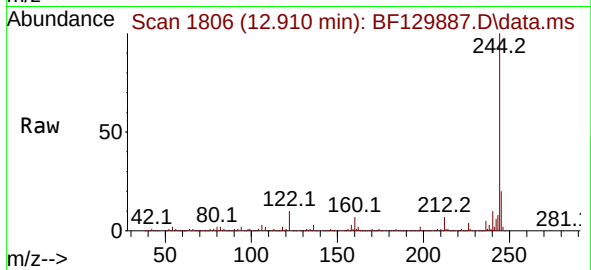




#79
 Terphenyl-d14
 Concen: 89.559 ng
 RT: 12.910 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: BF129887.D
 Acq: 18 Aug 2022 21:19

Instrument :
 BNA_F
 ClientSampleId :
 S2

Tgt Ion:244 Resp: 1257469
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.1 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: BF129887.D
 Acq: 18 Aug 2022 21:19

Tgt Ion:264 Resp: 252356
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.3 16.7 25.1

