

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134897.D
 Acq On : 23 Aug 2023 11:22
 Operator : CG\JU
 Sample : 04091-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-H

Quant Time: Aug 24 04:23:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

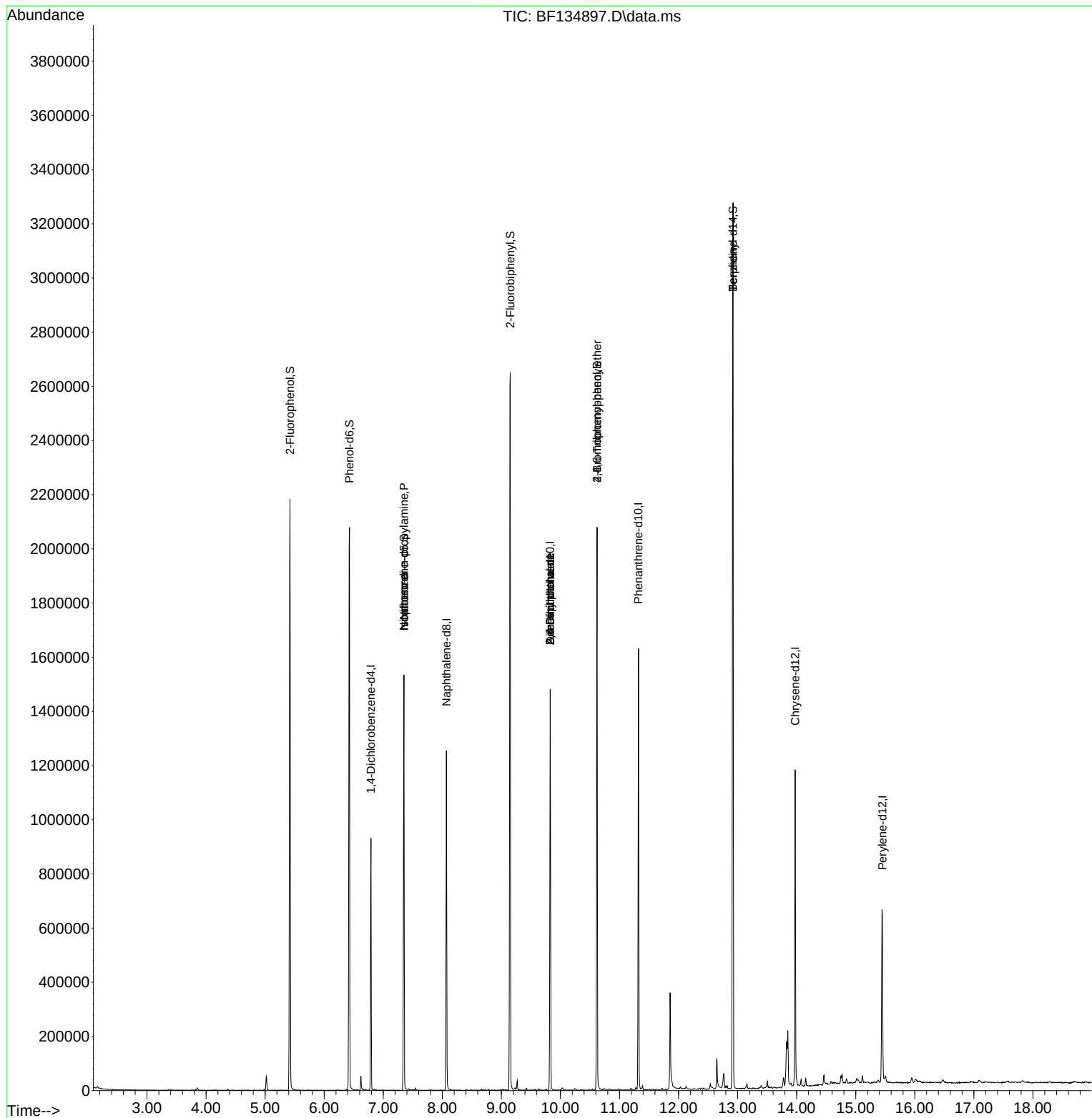
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	128720	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	511668	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	274174	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	545185	20.000	ng	0.00
76) Chrysene-d12	13.974	240	359862	20.000	ng	0.00
86) Perylene-d12	15.451	264	306507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	592660	73.422	ng	0.00
7) Phenol-d6	6.428	99	753749	73.077	ng	-0.01
23) Nitrobenzene-d5	7.351	82	457163	49.234	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	249186	77.169	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	899270	50.704	ng	0.00
79) Terphenyl-d14	12.921	244	1157831	44.253	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	61146	10.150	ng	# 78
25) Isophorone	7.351	82	453294	26.143	ng	# 64
50) Dimethylphthalate	9.827	163	55188	2.828	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	35505	8.249	ng	# 29
57) 2,4-Dinitrotoluene	9.827	165	35505	6.670	ng	# 25
67) 4-Bromophenyl-phenylether	10.622	248	16008	2.545	ng	# 1
77) Benzidine	12.921	184	14097	2.414	ng	# 93

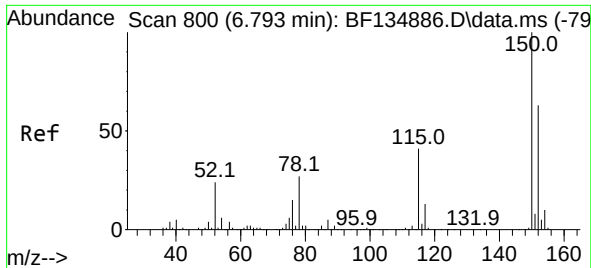
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
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Quant Time: Aug 24 04:23:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration

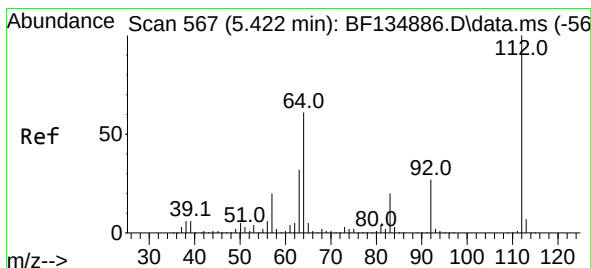
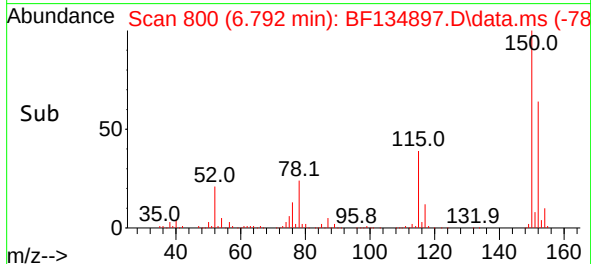
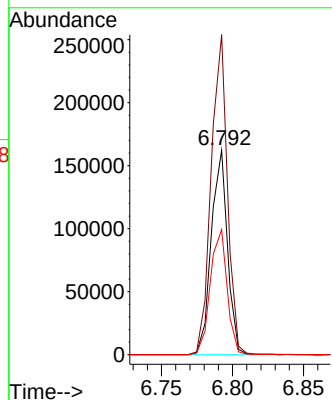
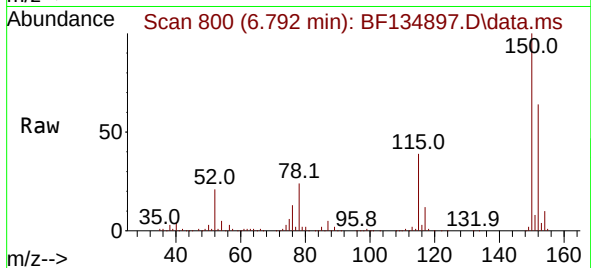




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

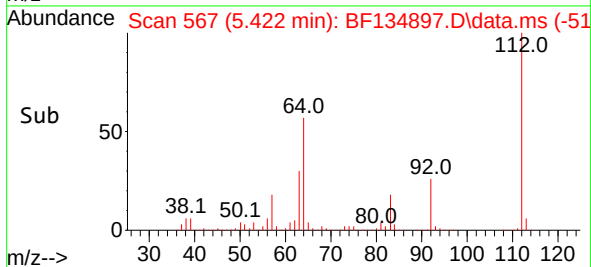
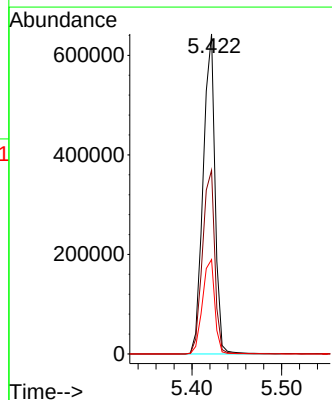
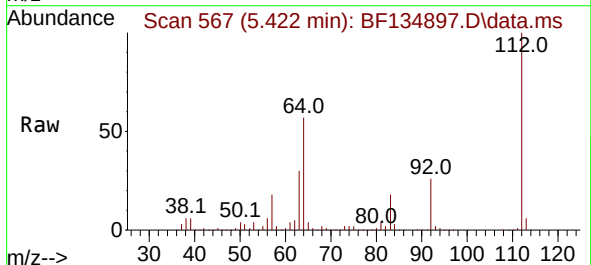
Instrument :
BNA_F
ClientSampleId :
TP-H

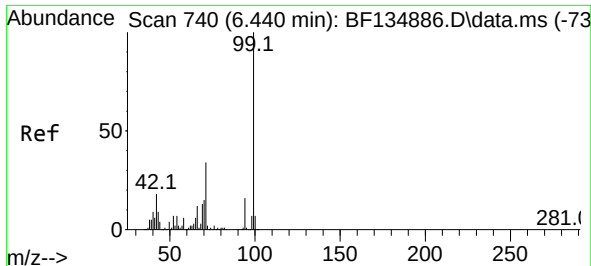
Tgt Ion:152 Resp: 128720
Ion Ratio Lower Upper
152 100
150 156.5 126.1 189.1
115 61.2 51.1 76.7



#5
2-Fluorophenol
Concen: 73.422 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

Tgt Ion:112 Resp: 592660
Ion Ratio Lower Upper
112 100
64 57.4 48.6 73.0
63 29.5 25.7 38.5

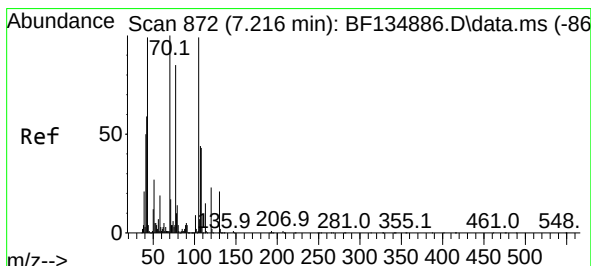
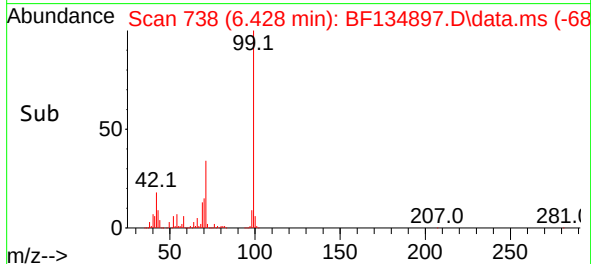
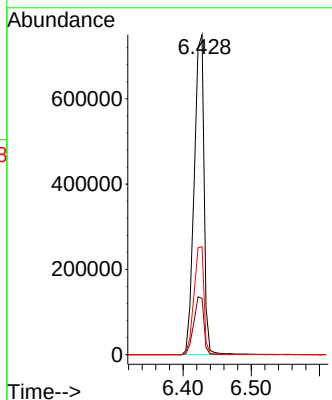
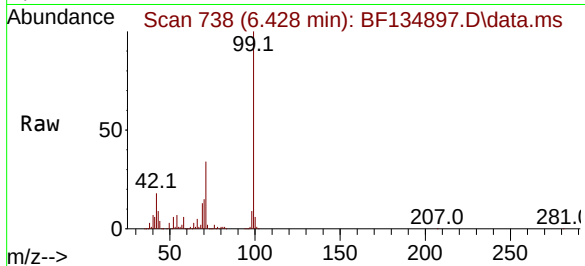




#7
Phenol-d6
Concen: 73.077 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

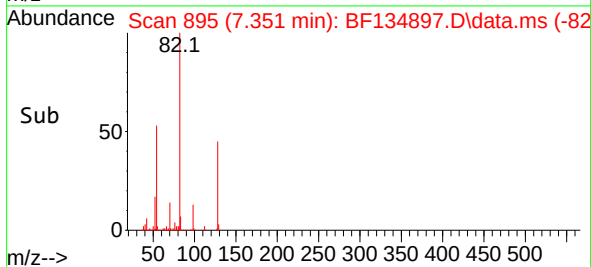
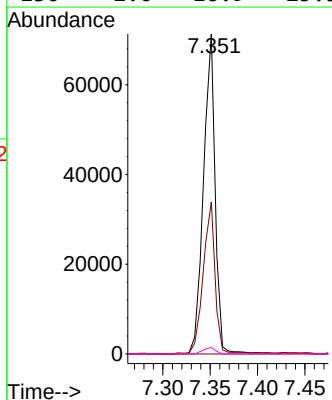
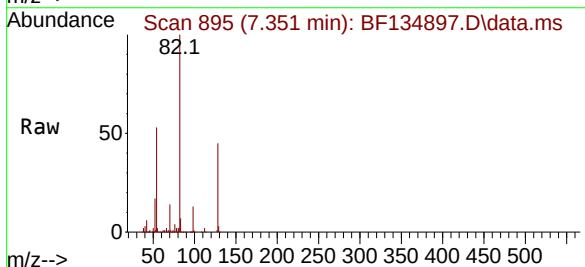
Instrument :
BNA_F
ClientSampleId :
TP-H

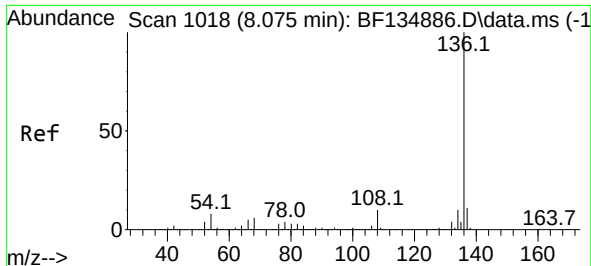
Tgt Ion: 99 Resp: 753749
Ion Ratio Lower Upper
99 100
42 17.6 14.6 22.0
71 33.7 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.150 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

Tgt Ion: 70 Resp: 61146
Ion Ratio Lower Upper
70 100
42 47.5 46.9 70.3
101 0.0 7.5 11.3#
130 2.0 16.9 25.3#

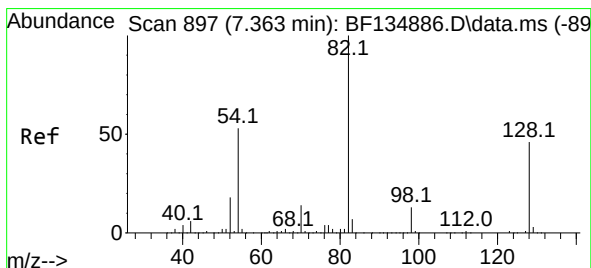
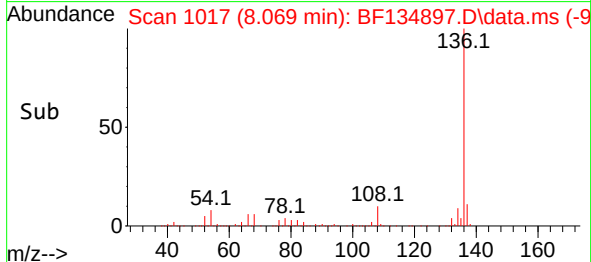
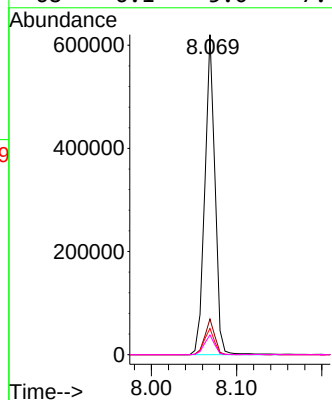
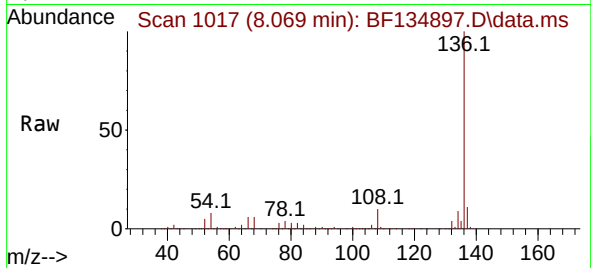




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

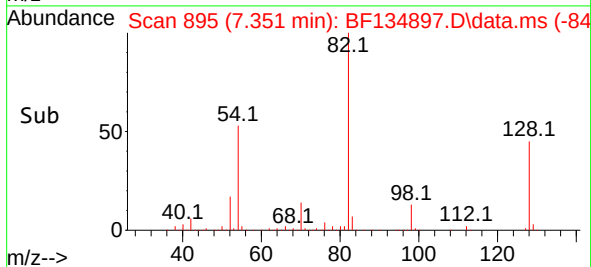
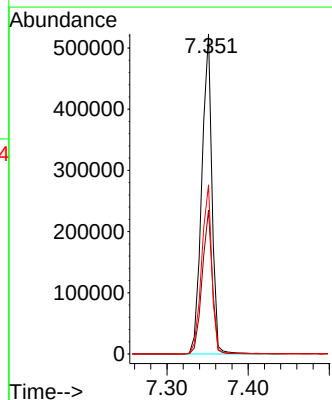
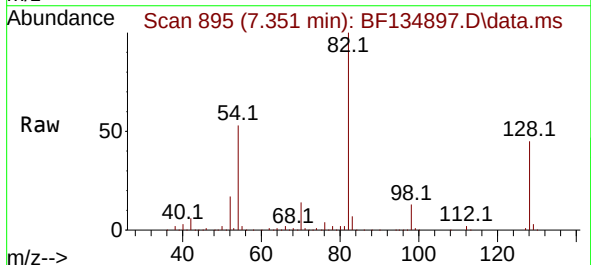
Instrument :
BNA_F
ClientSampleId :
TP-H

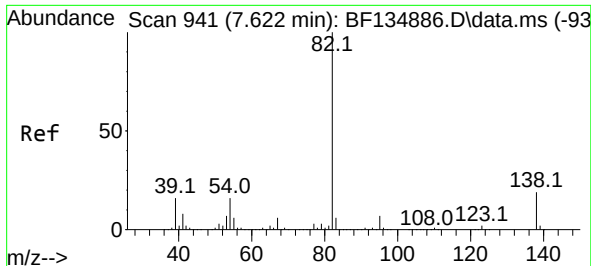
Tgt Ion:	136	Resp:	511668
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	6.6	9.8
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 49.234 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

Tgt Ion:	82	Resp:	457163
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.6	54.8
54	52.9	42.6	63.8

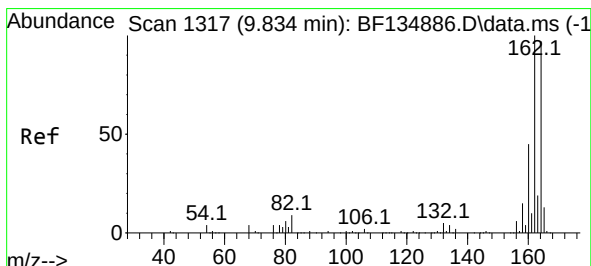
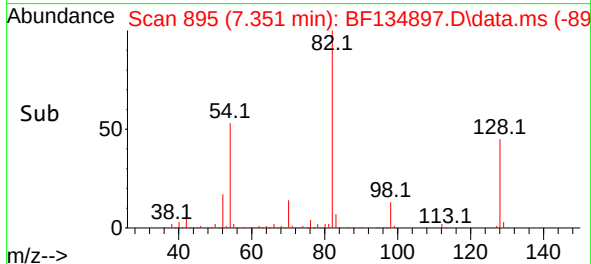
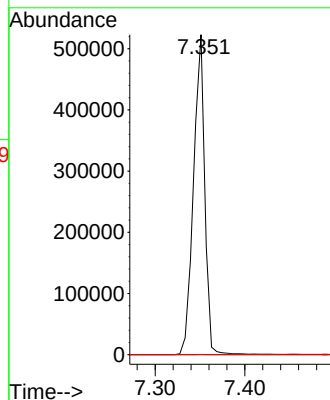
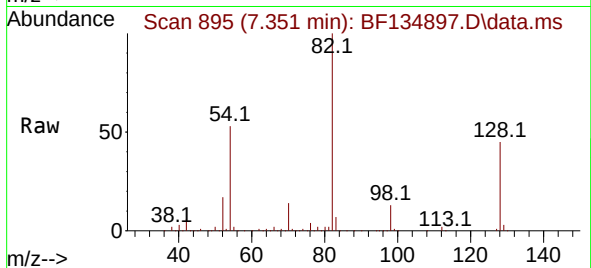




#25
Isophorone
Concen: 26.143 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

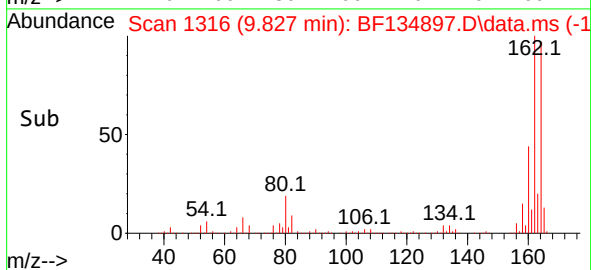
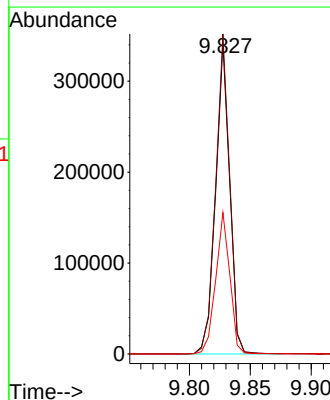
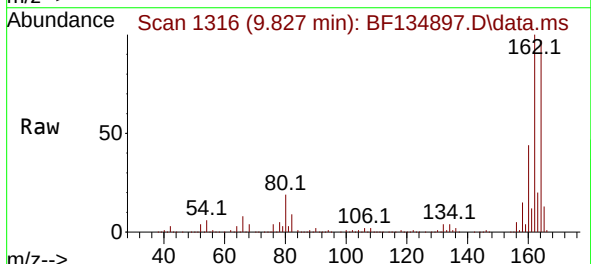
Instrument :
BNA_F
ClientSampleId :
TP-H

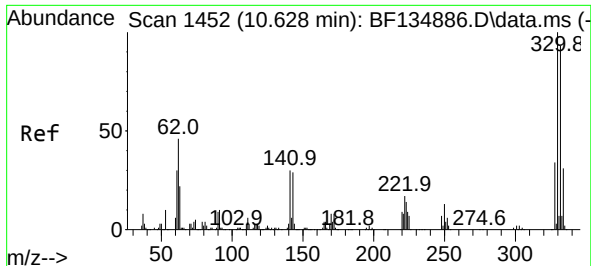
Tgt Ion: 82 Resp: 453294
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

Tgt Ion:164 Resp: 274174
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 77.169 ng

RT: 10.622 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF134897.D

Acq: 23 Aug 2023 11:22

Instrument :

BNA_F

ClientSampleId :

TP-H

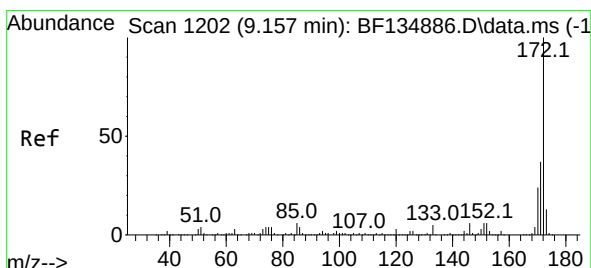
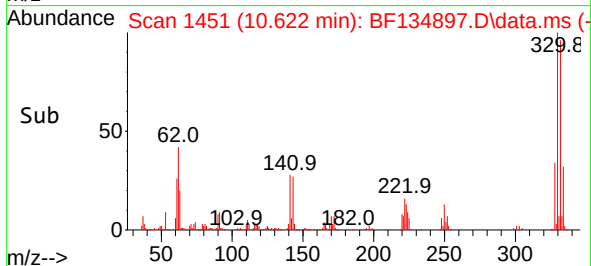
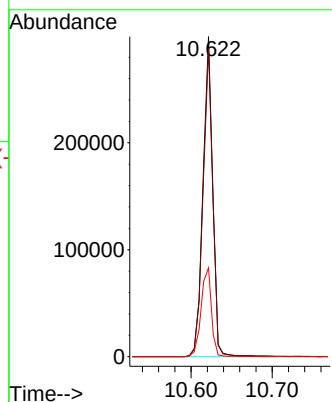
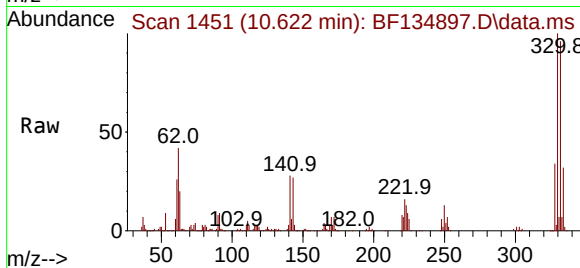
Tgt Ion:330 Resp: 249186

Ion Ratio Lower Upper

330 100

332 97.0 76.3 114.5

141 29.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 50.704 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134897.D

Acq: 23 Aug 2023 11:22

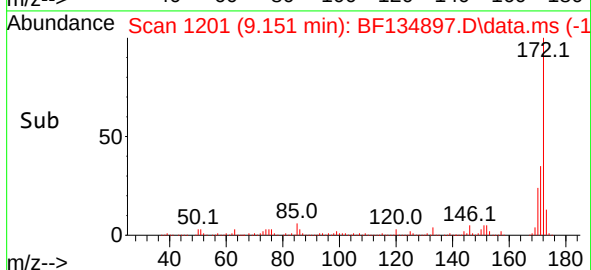
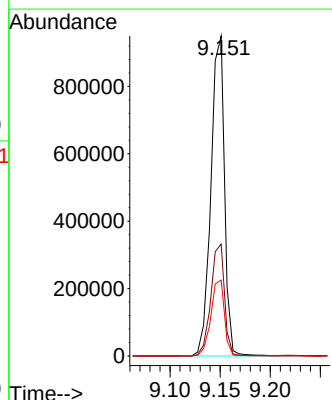
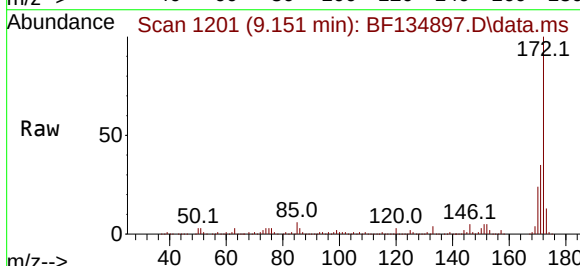
Tgt Ion:172 Resp: 899270

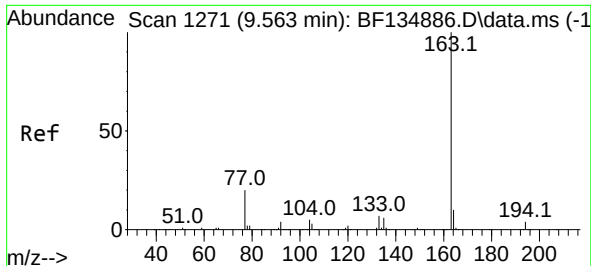
Ion Ratio Lower Upper

172 100

171 34.9 29.4 44.0

170 23.8 19.6 29.4

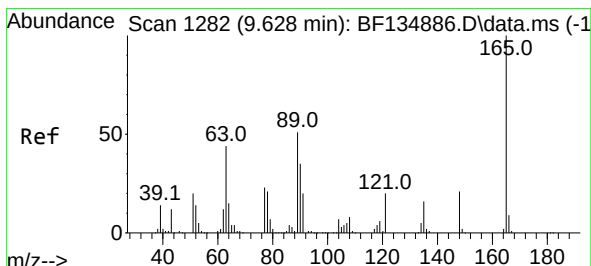
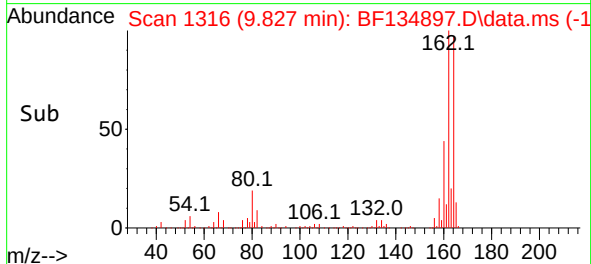
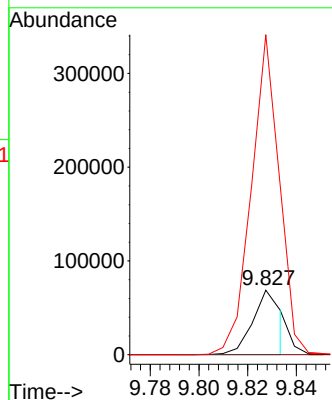
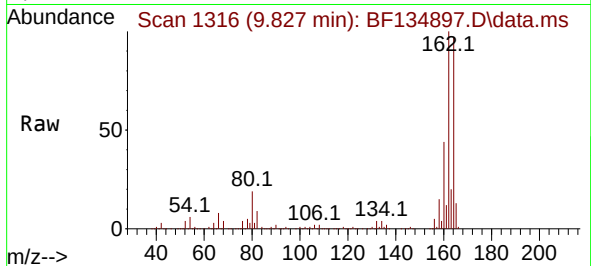




#50
Dimethylphthalate
Concen: 2.828 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.264 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

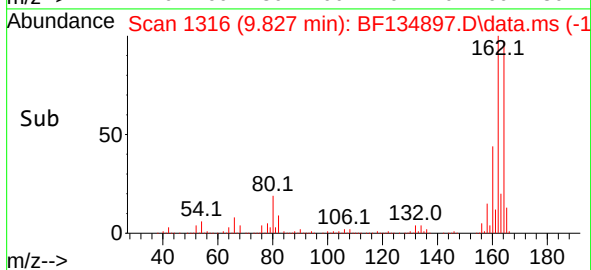
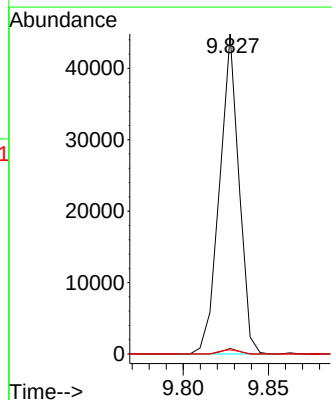
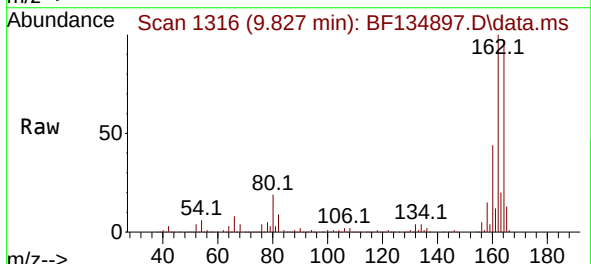
Instrument :
BNA_F
ClientSampleId :
TP-H

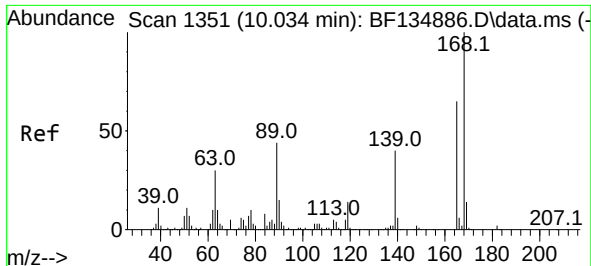
Tgt Ion:163 Resp: 55188
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 496.4 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.249 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.199 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

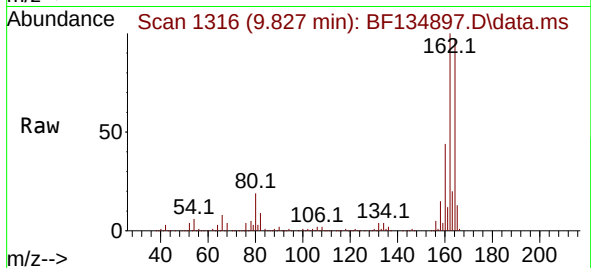
Tgt Ion:165 Resp: 35505
Ion Ratio Lower Upper
165 100
63 1.7 41.4 62.2#
89 1.3 40.9 61.3#



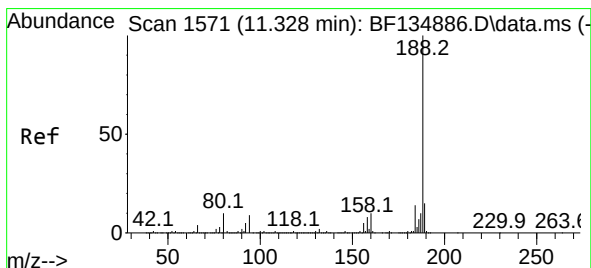
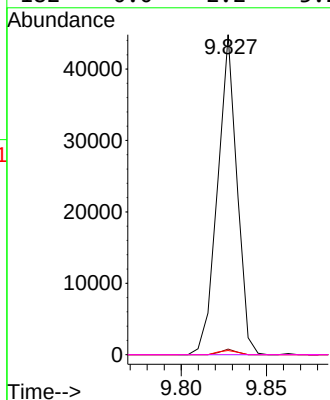
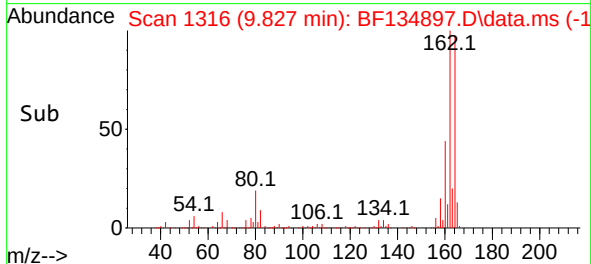


#57
2,4-Dinitrotoluene
Concen: 6.670 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.207 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

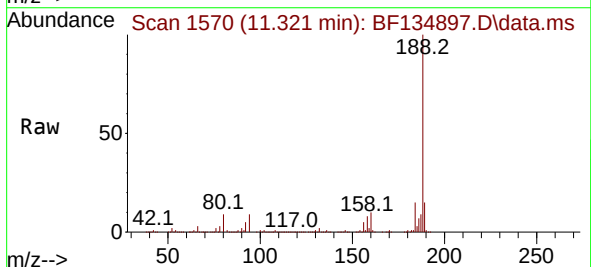
Instrument :
BNA_F
ClientSampleId :
TP-H



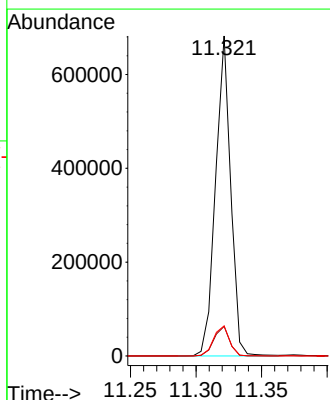
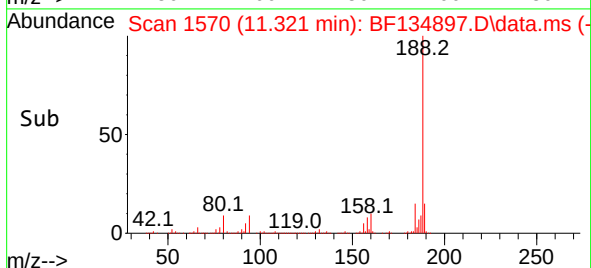
Tgt Ion:165 Resp: 35505
Ion Ratio Lower Upper
165 100
63 1.7 37.7 56.5#
89 1.3 54.2 81.4#
182 0.0 2.2 3.2#

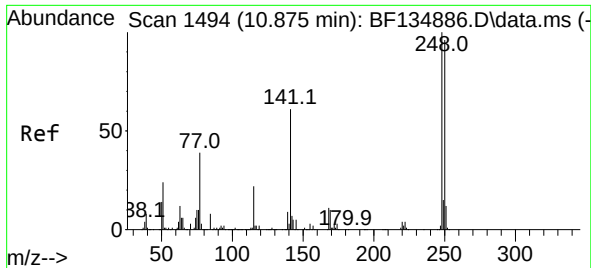


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22



Tgt Ion:188 Resp: 545185
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.4 7.8 11.6

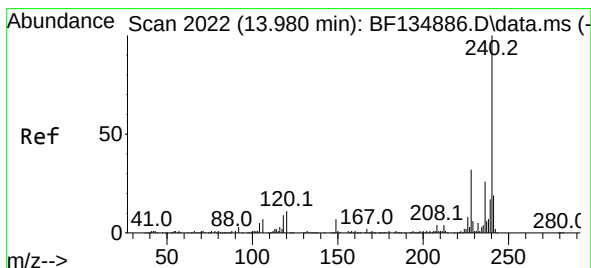
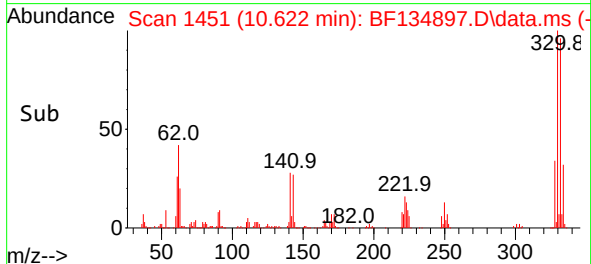
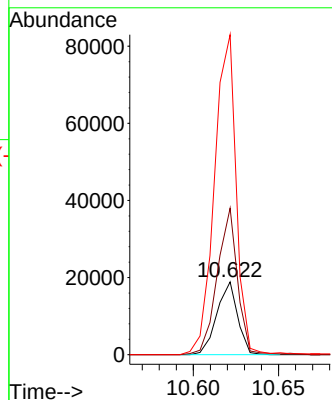
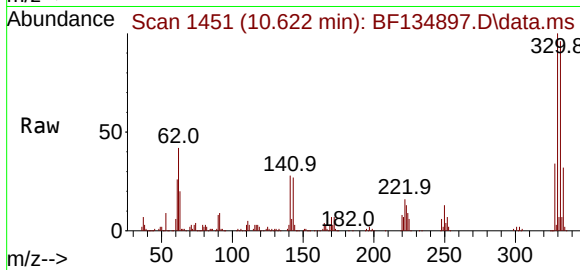




#67
4-Bromophenyl-phenylether
Concen: 2.545 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

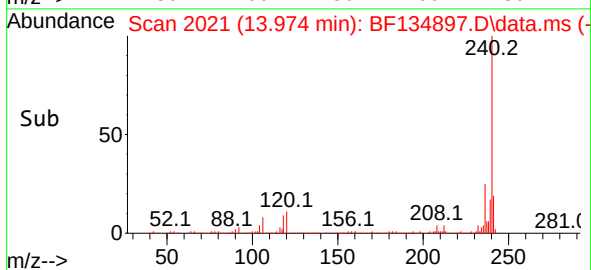
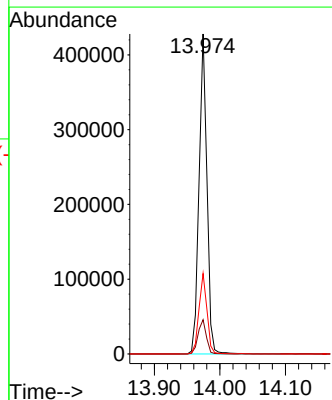
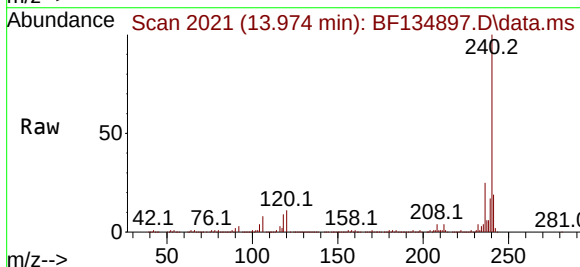
Instrument :
BNA_F
ClientSampleId :
TP-H

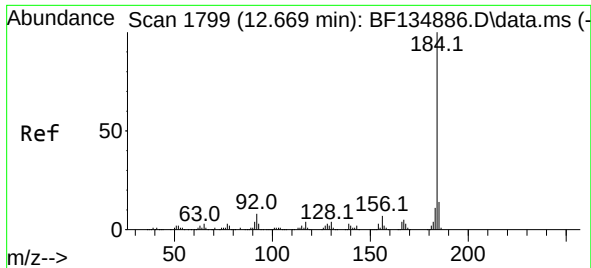
Tgt Ion:248 Resp: 16008
Ion Ratio Lower Upper
248 100
250 201.3 77.1 115.7#
141 439.6 49.0 73.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

Tgt Ion:240 Resp: 359862
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.1 20.6 31.0

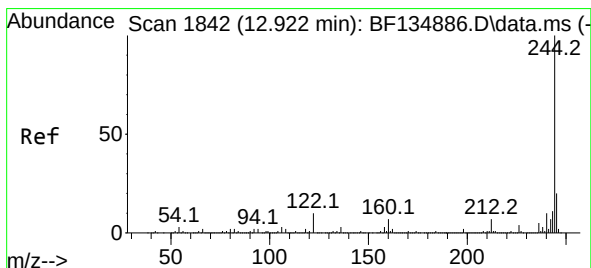
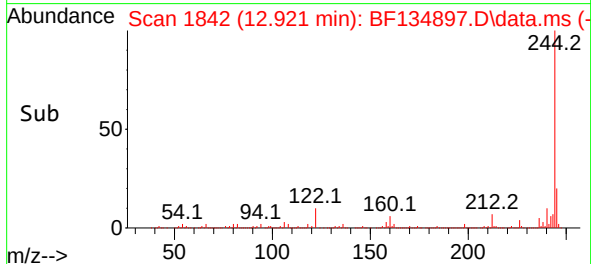
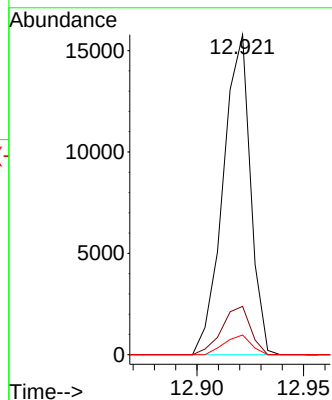
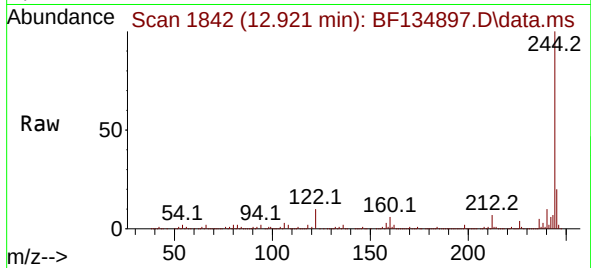




#77
Benzidine
Concen: 2.414 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.252 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

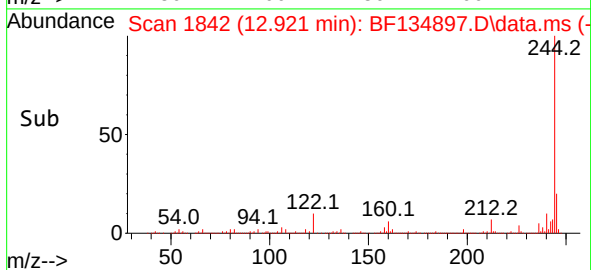
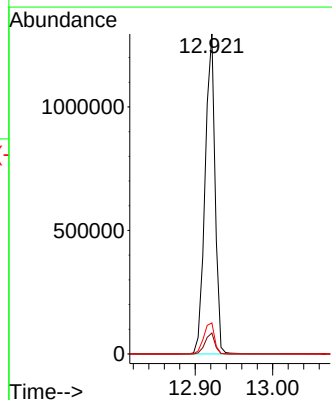
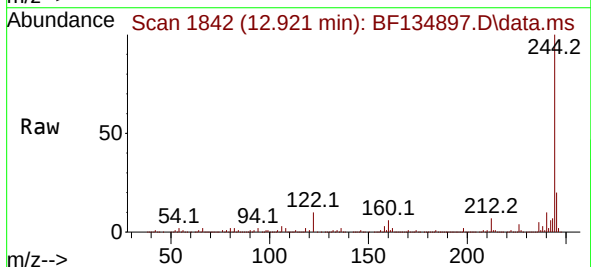
Instrument :
BNA_F
ClientSampleId :
TP-H

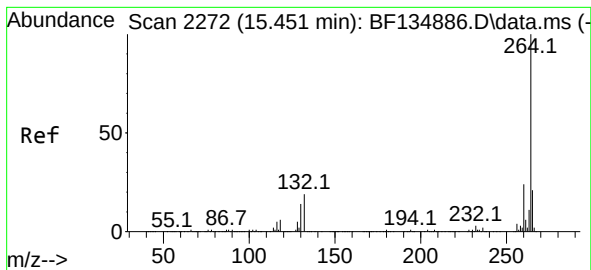
Tgt Ion:184 Resp: 14097
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.0
183 6.2 9.0 13.4#



#79
Terphenyl-d14
Concen: 44.253 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.001 min
Lab File: BF134897.D
Acq: 23 Aug 2023 11:22

Tgt Ion:244 Resp: 1157831
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.7 8.2 12.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134897.D

Acq: 23 Aug 2023 11:22

Instrument :

BNA_F

ClientSampleId :

TP-H

Tgt Ion:264 Resp: 306507

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 20.9 17.1 25.7

