

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134899.D
 Acq On : 23 Aug 2023 12:24
 Operator : CG\JU
 Sample : 04091-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Quant Time: Aug 24 04:24:02 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)

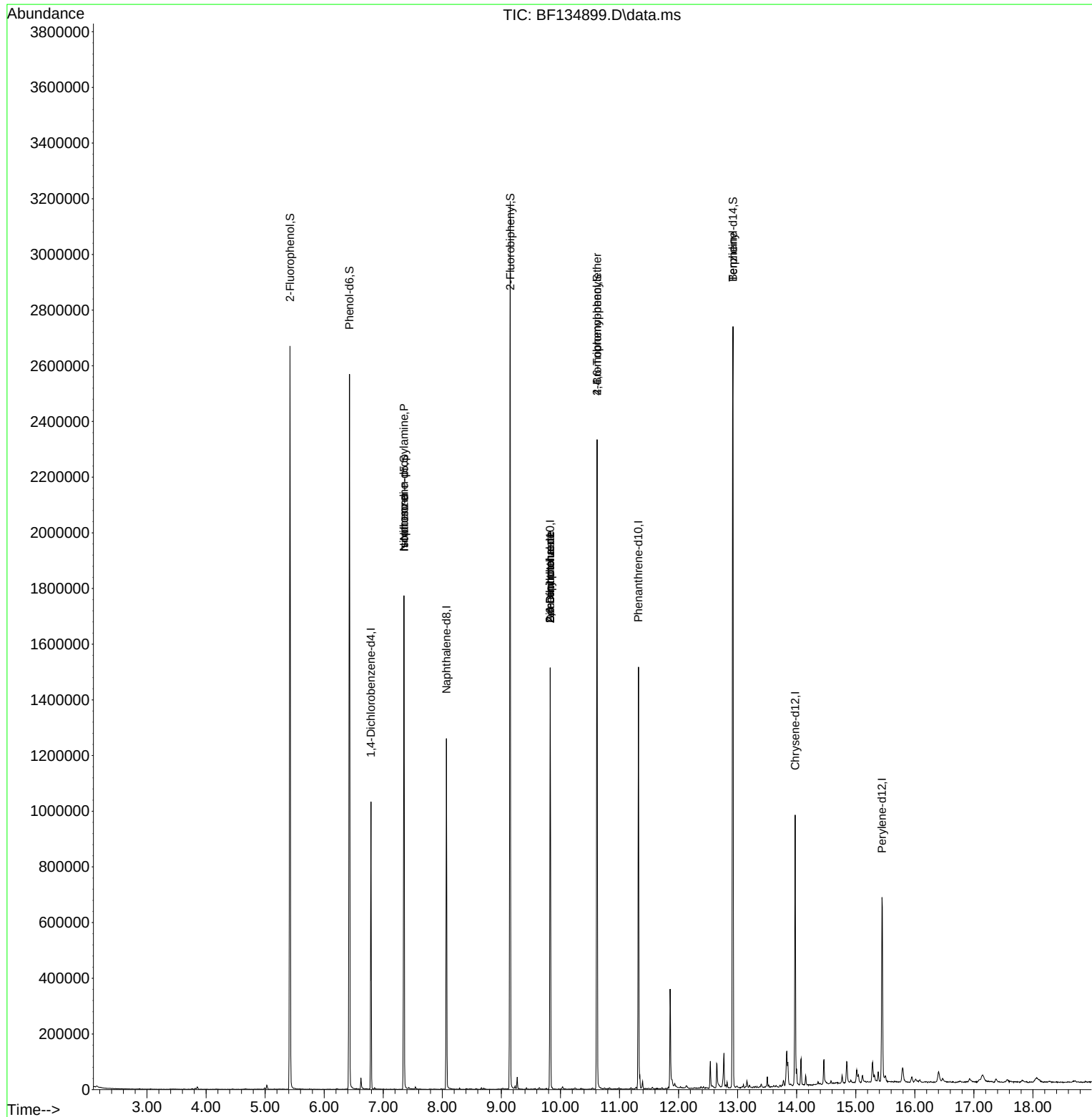
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	131613	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	522438	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	276967	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	524196	20.000	ng	0.00
76) Chrysene-d12	13.974	240	294492	20.000	ng	0.00
86) Perylene-d12	15.445	264	315325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	705674	85.501	ng	0.00
7) Phenol-d6	6.428	99	882814	83.708	ng	-0.01
23) Nitrobenzene-d5	7.351	82	534985	56.427	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	283554	86.927	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	971859	54.244	ng	0.00
79) Terphenyl-d14	12.921	244	996063	46.520	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	72228	11.726	ng	# 79
25) Isophorone	7.351	82	531940	30.047	ng	# 64
50) Dimethylphthalate	9.827	163	55481	2.814	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	35830	8.240	ng	# 28
57) 2,4-Dinitrotoluene	9.827	165	35830	6.663	ng	# 25
67) 4-Bromophenyl-phenylether	10.621	248	17763	2.937	ng	# 1
77) Benzidine	12.921	184	12106	2.534	ng	# 94

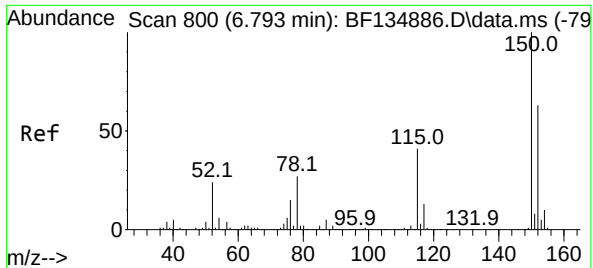
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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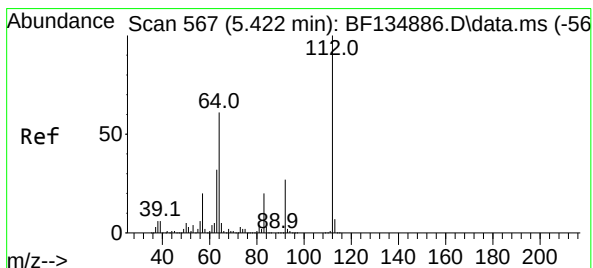
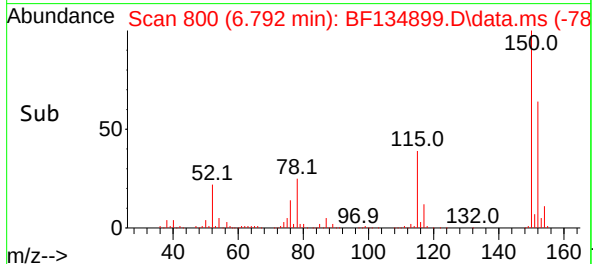
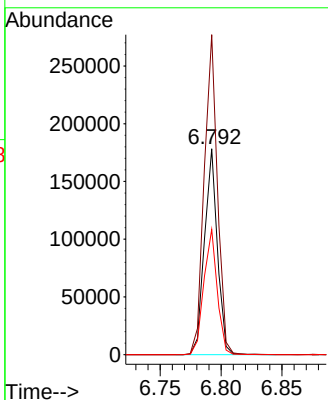
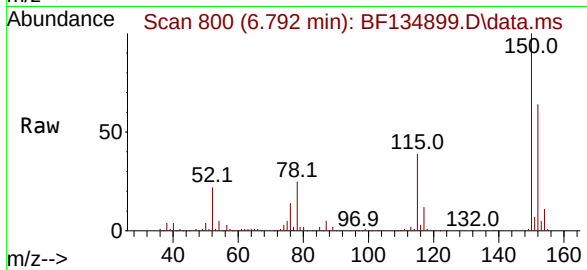




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

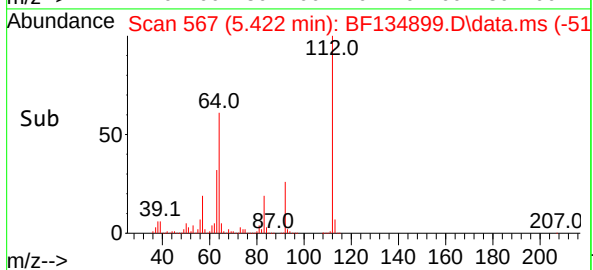
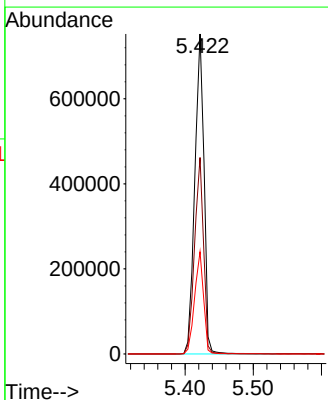
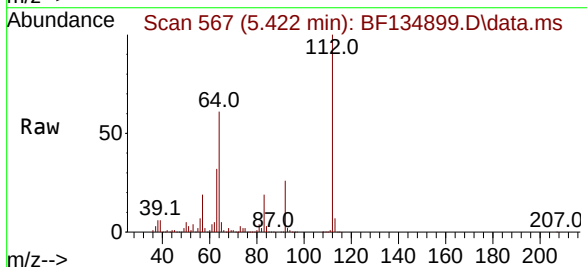
Instrument :
BNA_F
ClientSampleId :
TP-A

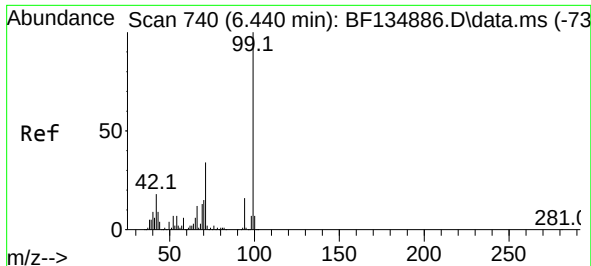
Tgt Ion:152 Resp: 131613
Ion Ratio Lower Upper
152 100
150 155.4 126.1 189.1
115 60.8 51.1 76.7



#5
2-Fluorophenol
Concen: 85.501 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

Tgt Ion:112 Resp: 705674
Ion Ratio Lower Upper
112 100
64 61.4 48.6 73.0
63 31.9 25.7 38.5

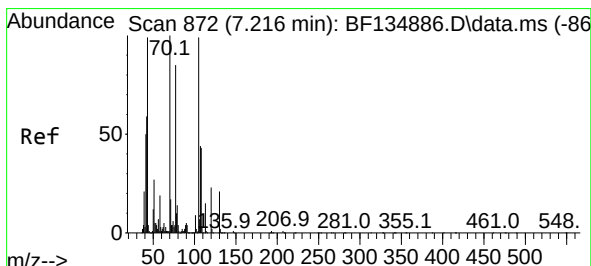
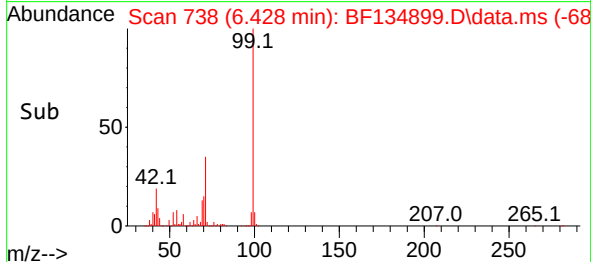
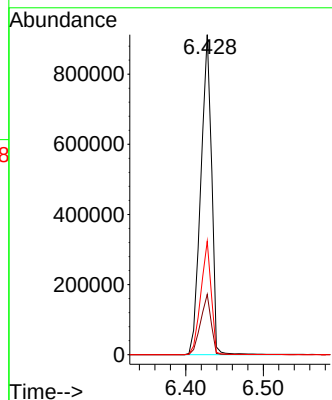
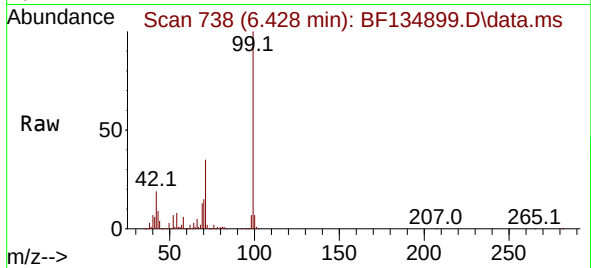




#7
Phenol-d6
Concen: 83.708 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

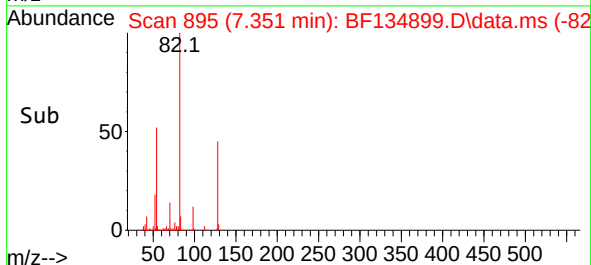
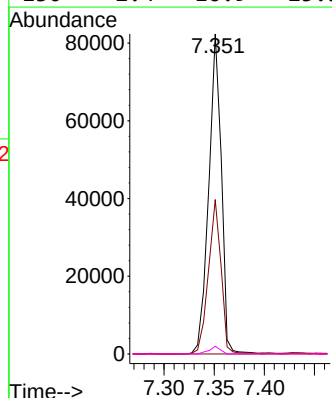
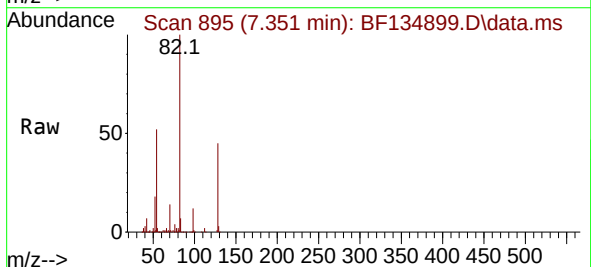
Instrument :
BNA_F
ClientSampleId :
TP-A

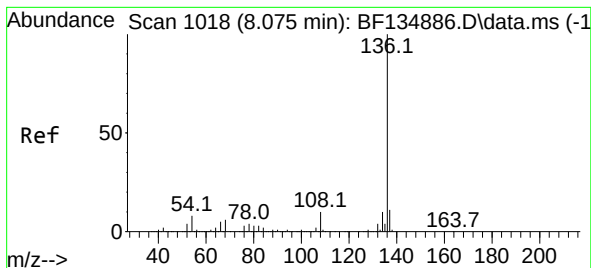
Tgt Ion: 99 Resp: 882814
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 35.4 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.726 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

Tgt Ion: 70 Resp: 72228
Ion Ratio Lower Upper
70 100
42 48.3 46.9 70.3
101 0.0 7.5 11.3#
130 2.4 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134899.D

Acq: 23 Aug 2023 12:24

Instrument :

BNA_F

ClientSampleId :

TP-A

Tgt Ion:136 Resp: 522438

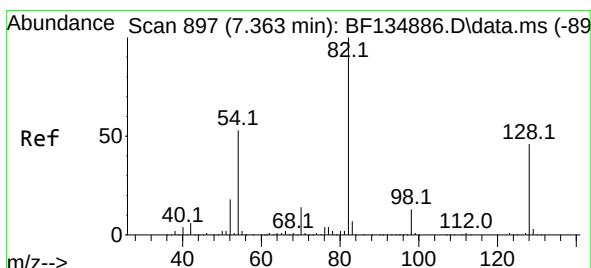
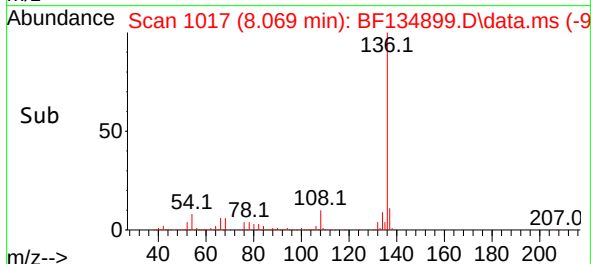
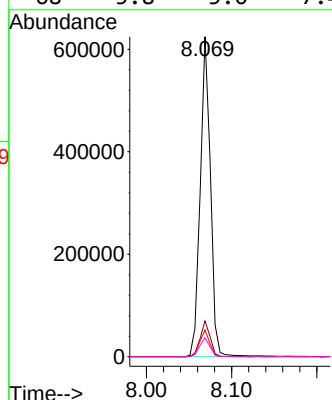
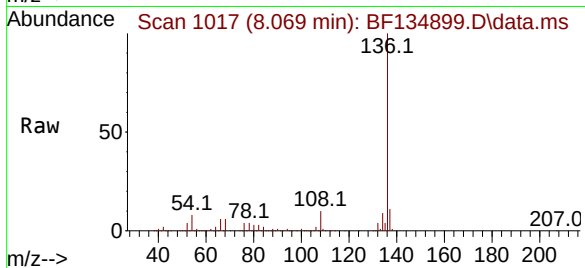
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 5.8 5.0 7.4



#23

Nitrobenzene-d5

Concen: 56.427 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF134899.D

Acq: 23 Aug 2023 12:24

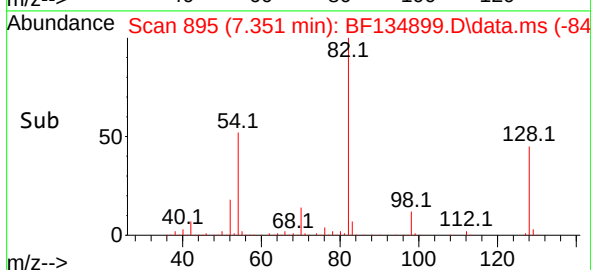
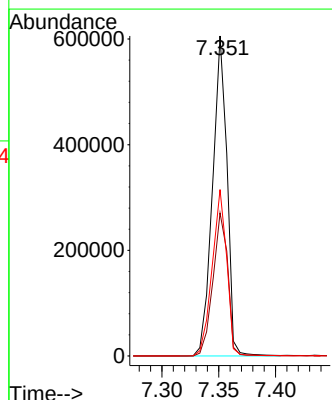
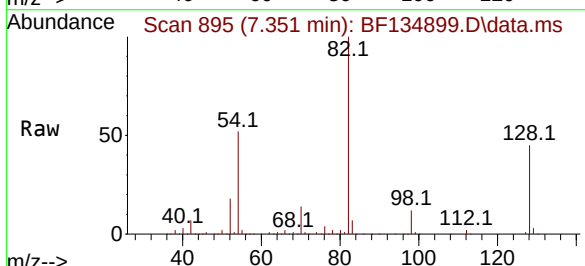
Tgt Ion: 82 Resp: 534985

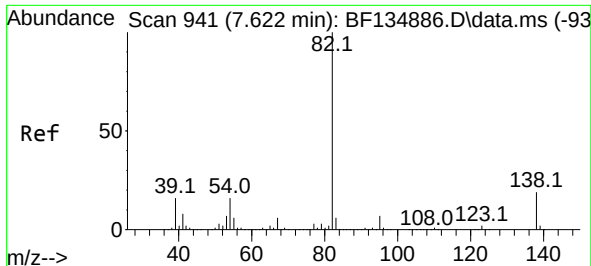
Ion Ratio Lower Upper

82 100

128 44.7 36.6 54.8

54 52.0 42.6 63.8

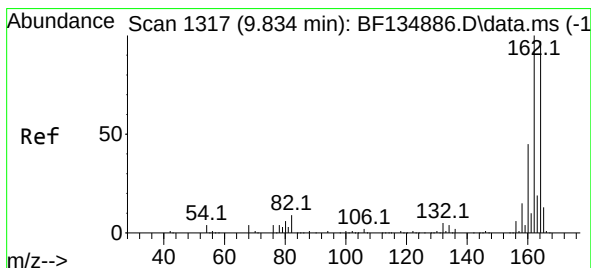
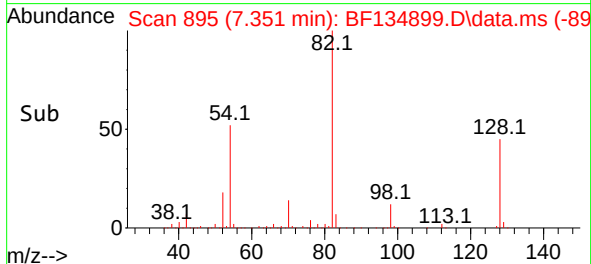
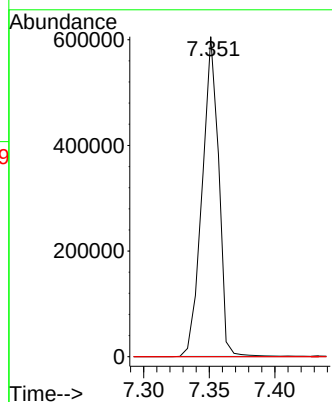
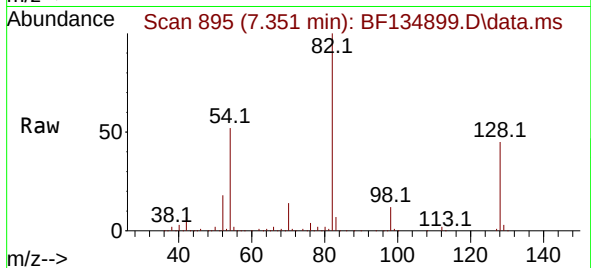




#25
Isophorone
Concen: 30.047 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

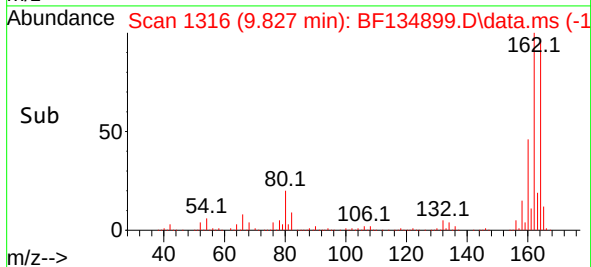
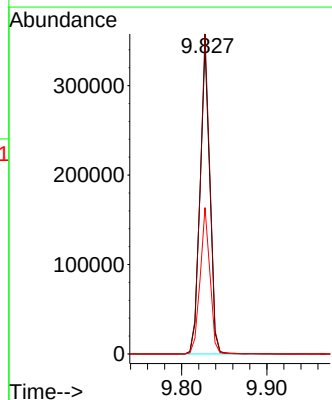
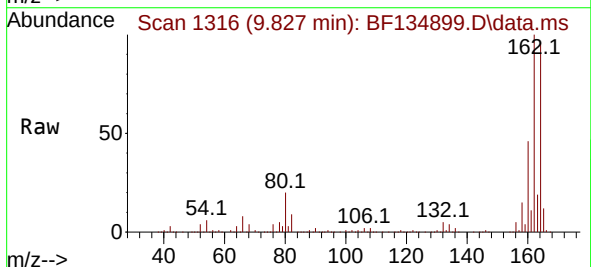
Instrument :
BNA_F
ClientSampleId :
TP-A

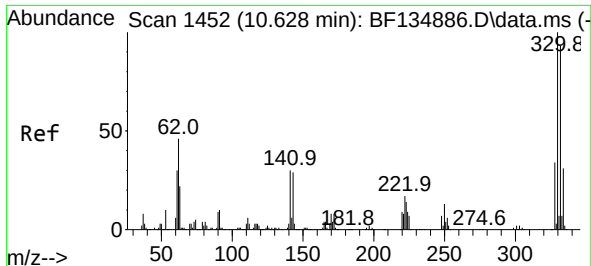
Tgt Ion: 82 Resp: 531940
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

Tgt Ion: 164 Resp: 276967
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 47.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 86.927 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134899.D

Acq: 23 Aug 2023 12:24

Instrument :

BNA_F

ClientSampleId :

TP-A

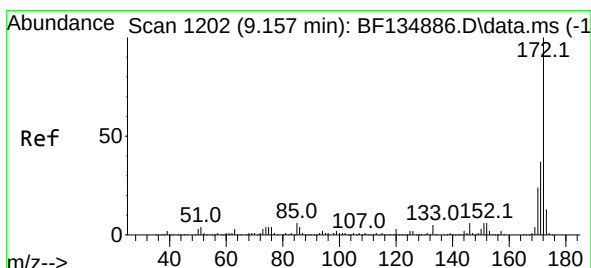
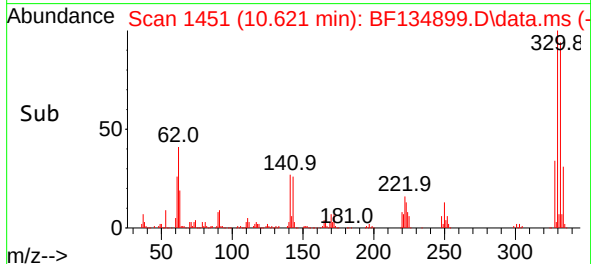
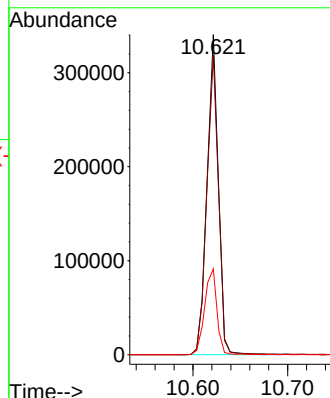
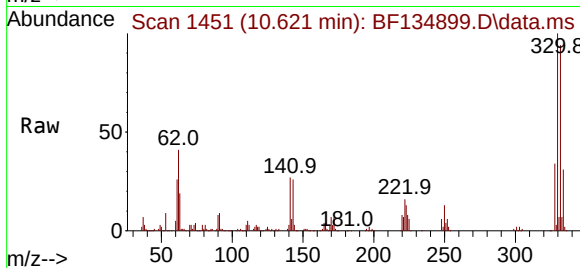
Tgt Ion:330 Resp: 283554

Ion Ratio Lower Upper

330 100

332 96.0 76.3 114.5

141 29.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 54.244 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134899.D

Acq: 23 Aug 2023 12:24

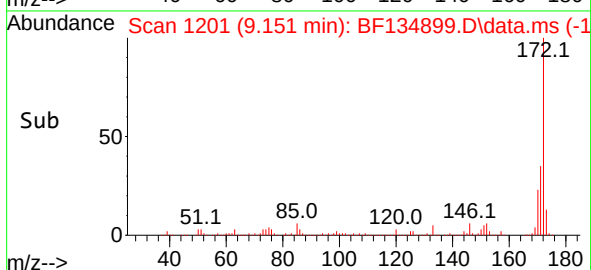
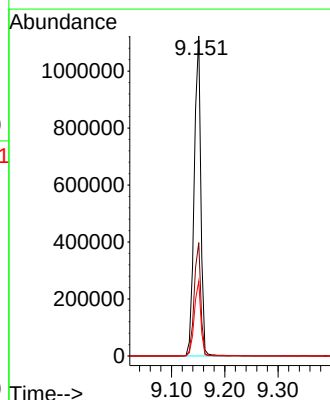
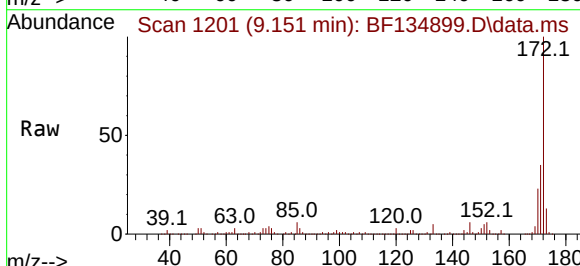
Tgt Ion:172 Resp: 971859

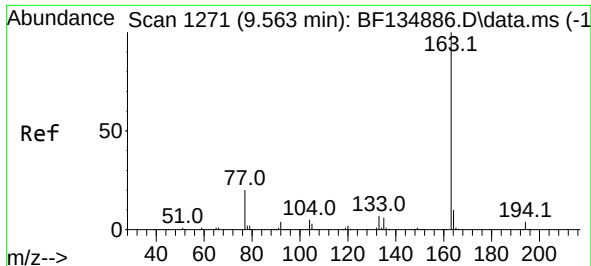
Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

170 23.4 19.6 29.4

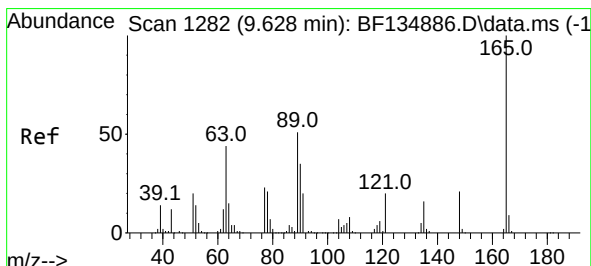
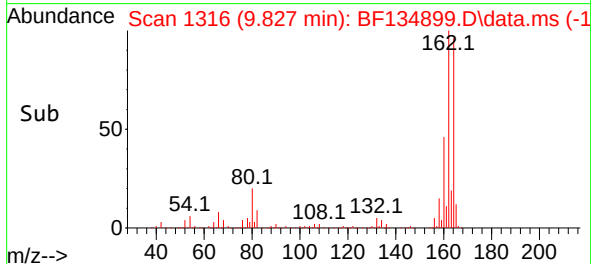
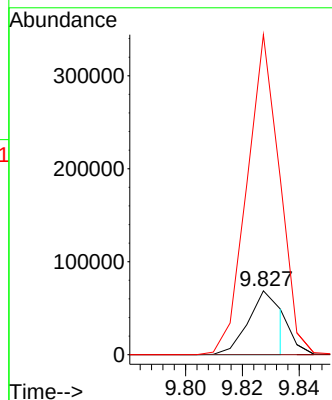
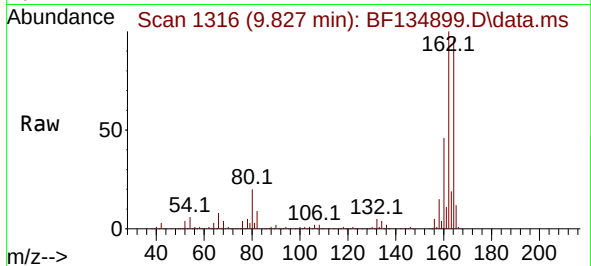




#50
Dimethylphthalate
Concen: 2.814 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.264 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

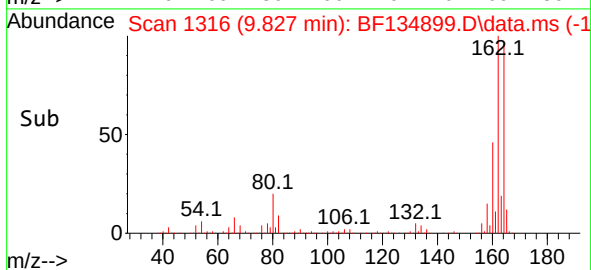
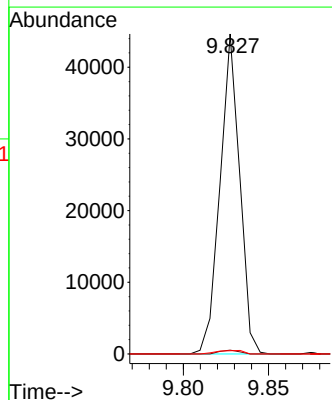
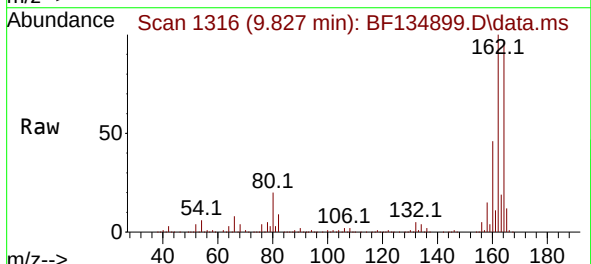
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BNA_F
ClientSampleId :
TP-A

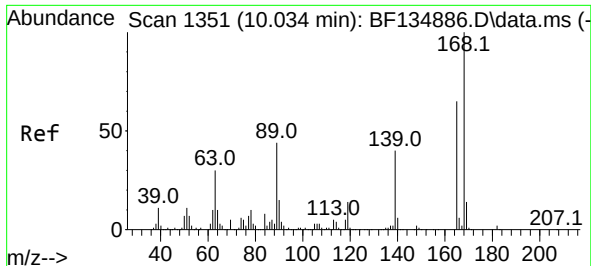
Tgt Ion:163 Resp: 55481
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 501.7 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.240 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.199 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

Tgt Ion:165 Resp: 35830
Ion Ratio Lower Upper
165 100
63 1.2 41.4 62.2#
89 1.0 40.9 61.3#

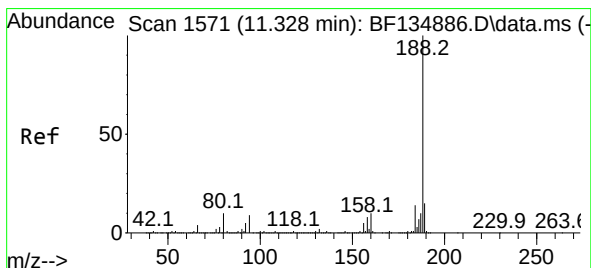
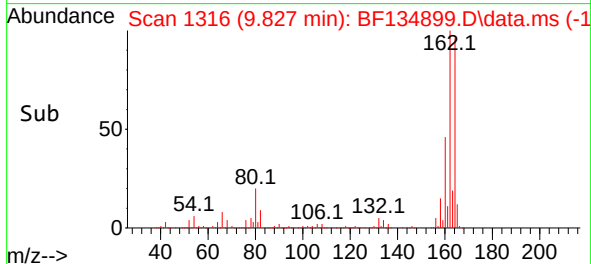
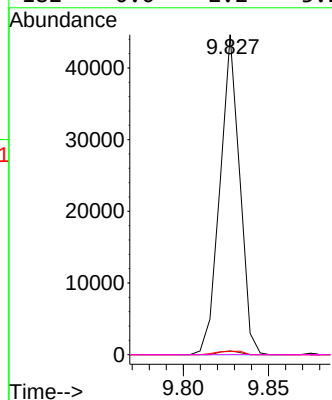
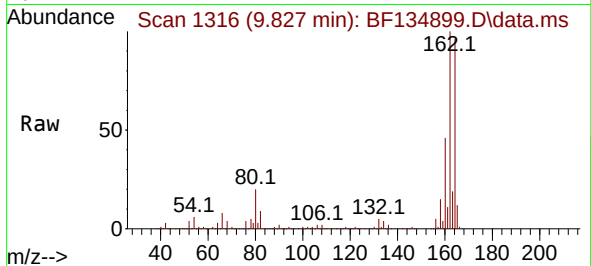




#57
2,4-Dinitrotoluene
Concen: 6.663 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.207 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

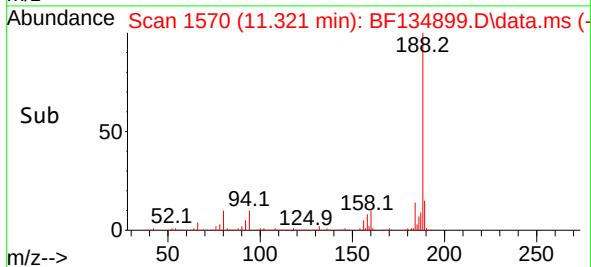
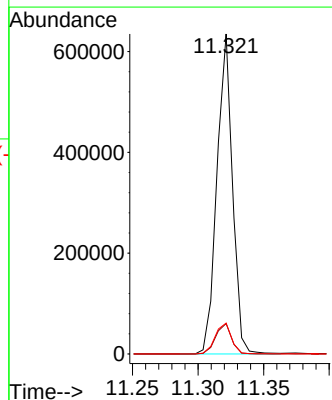
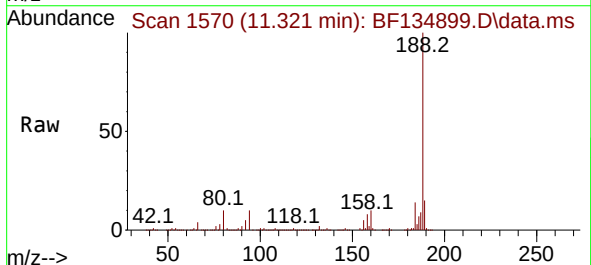
Instrument :
BNA_F
ClientSampleId :
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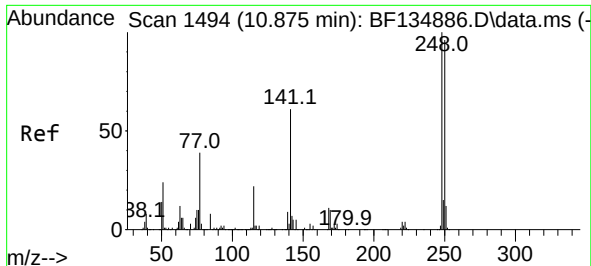
Tgt Ion:165 Resp: 35830
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 1.0 54.2 81.4#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

Tgt Ion:188 Resp: 524196
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.6 7.8 11.6





#67

4-Bromophenyl-phenylether

Concen: 2.937 ng

RT: 10.621 min Scan# 14

Delta R.T. -0.254 min

Lab File: BF134899.D

Acq: 23 Aug 2023 12:24

Instrument :

BNA_F

ClientSampleId :

TP-A

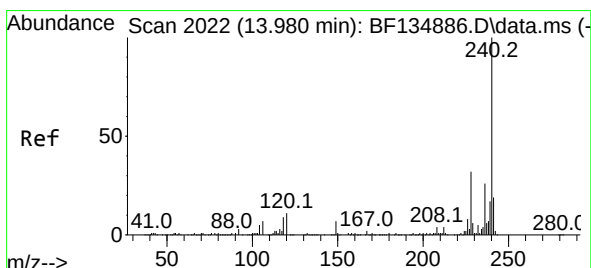
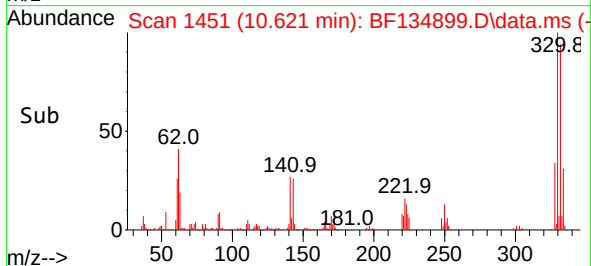
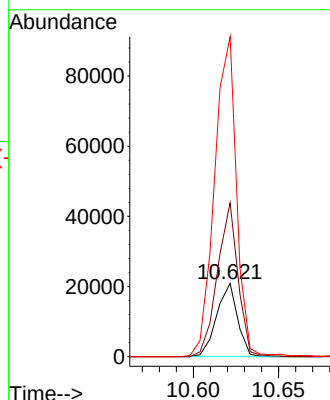
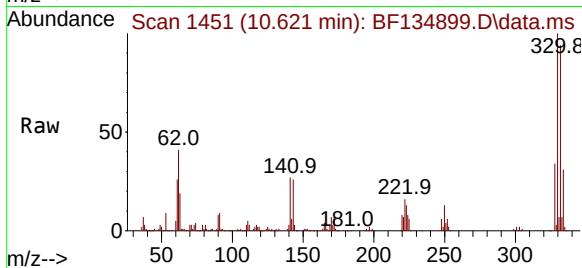
Tgt Ion:248 Resp: 17763

Ion Ratio Lower Upper

248 100

250 210.1 77.1 115.7#

141 437.0 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: BF134899.D

Acq: 23 Aug 2023 12:24

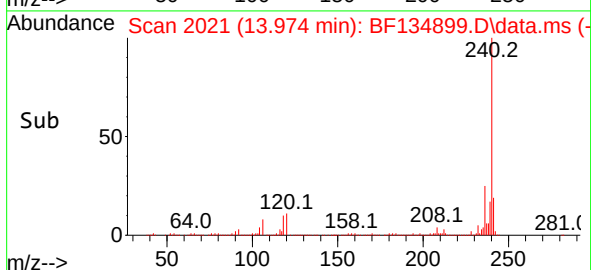
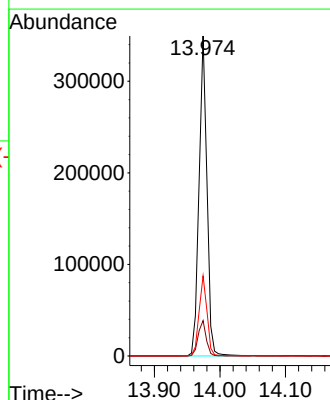
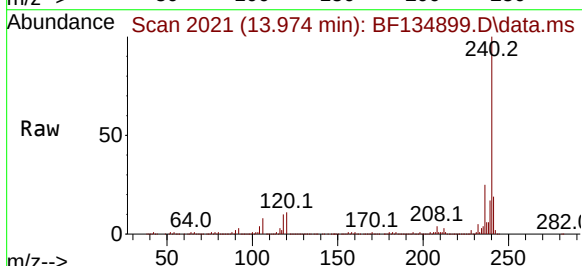
Tgt Ion:240 Resp: 294492

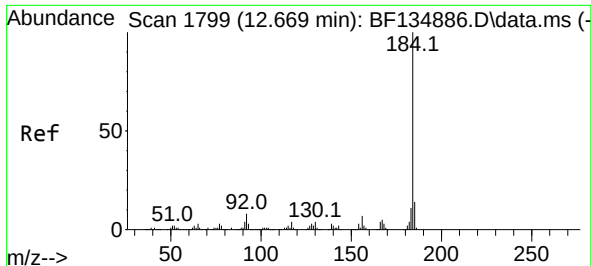
Ion Ratio Lower Upper

240 100

120 11.1 8.6 12.8

236 25.1 20.6 31.0

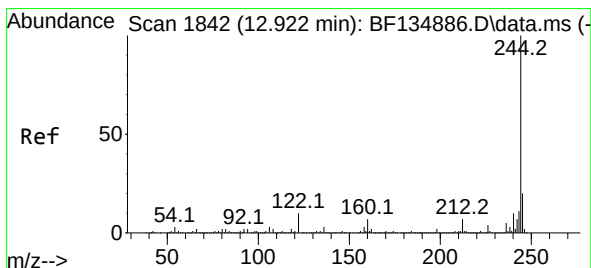
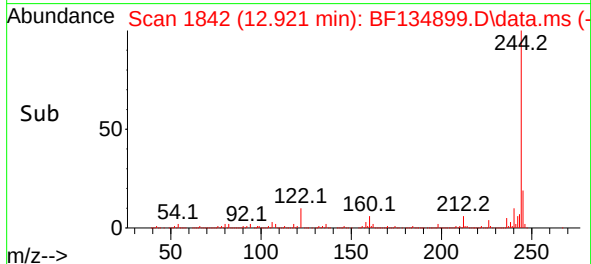
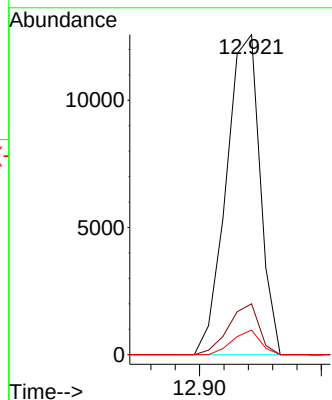
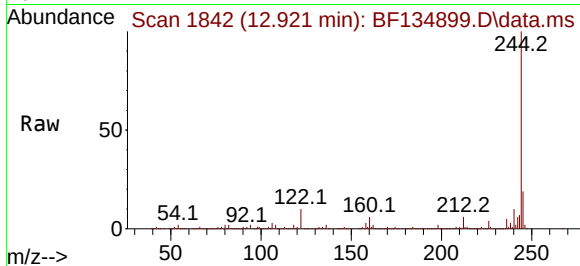




#77
Benzidine
Concen: 2.534 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.252 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

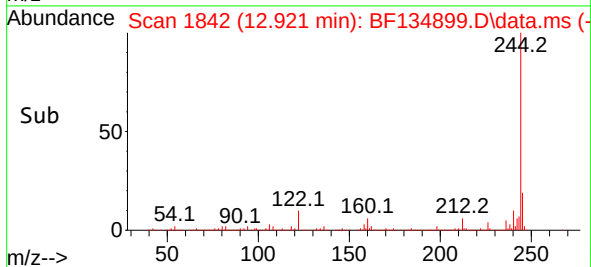
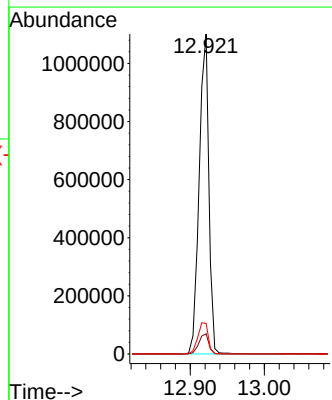
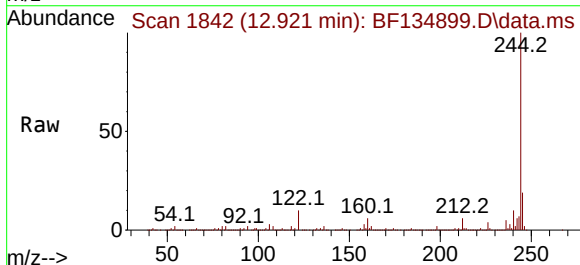
Instrument :
BNA_F
ClientSampleId :
TP-A

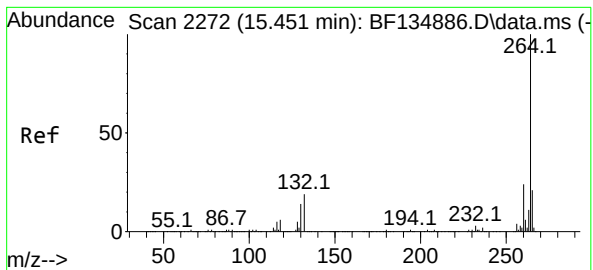
Tgt Ion:184 Resp: 12106
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.0
183 7.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 46.520 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.001 min
Lab File: BF134899.D
Acq: 23 Aug 2023 12:24

Tgt Ion:244 Resp: 996063
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 9.6 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134899.D
 Acq: 23 Aug 2023 12:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Tgt Ion:264 Resp: 315325

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.7	17.1	25.7

