

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134990.D
 Acq On : 29 Aug 2023 18:36
 Operator : CG\JU
 Sample : 04151-01RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQ-TANK-DNMPL

Quant Time: Aug 29 22:28:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

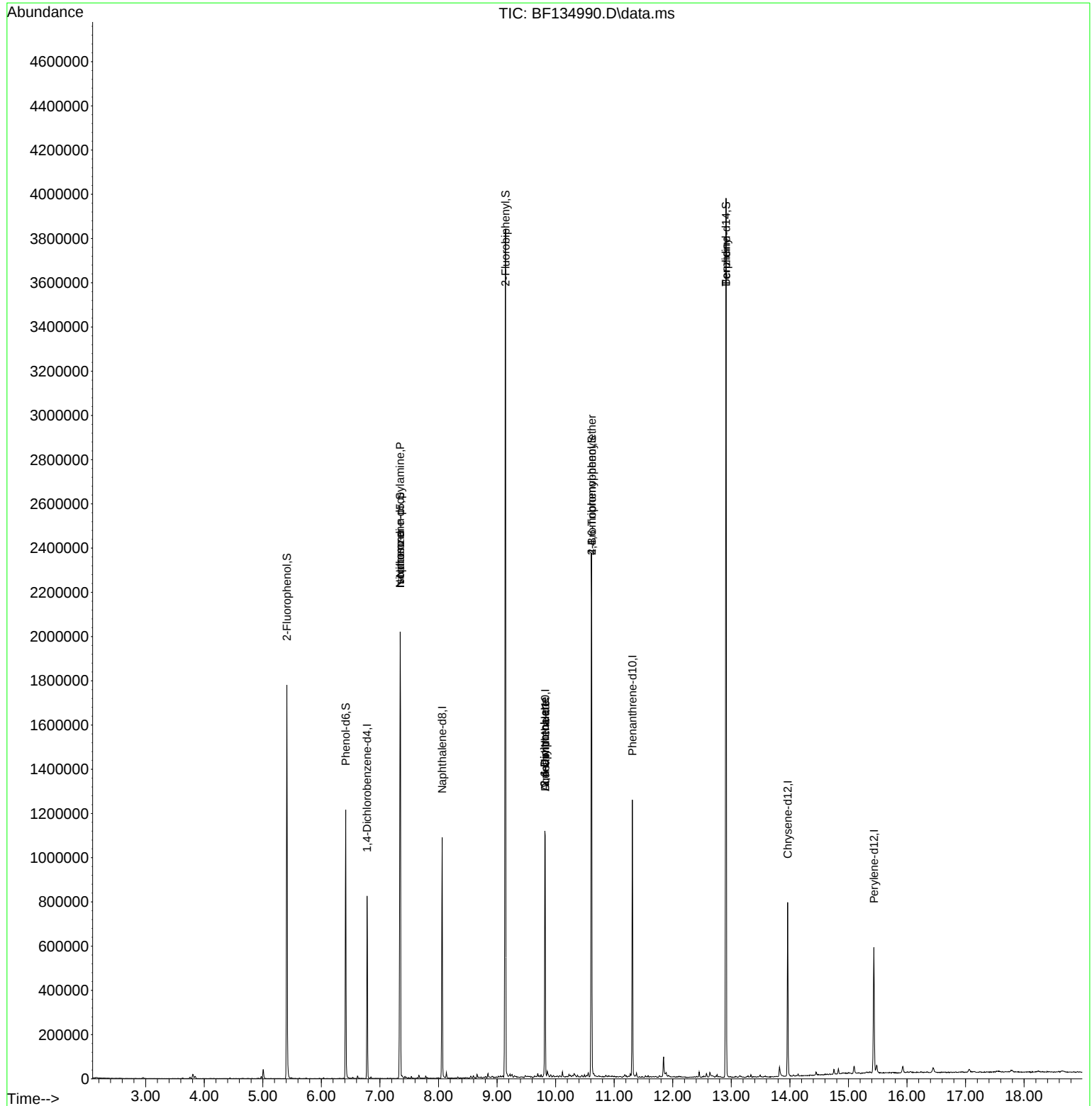
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	113930	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	456468	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	231035	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	423322	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	238915	20.000	ng	-0.02
86) Perylene-d12	15.433	264	246770	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	445178	62.310	ng	-0.01
7) Phenol-d6	6.416	99	352125	38.571	ng	-0.02
23) Nitrobenzene-d5	7.345	82	720128	86.932	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	308983	113.554	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1308107	87.528	ng	-0.01
79) Terphenyl-d14	12.910	244	1423550	81.952	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	99299	18.624	ng	# 78
25) Isophorone	7.345	82	714615	46.199	ng	# 64
50) Dimethylphthalate	9.822	163	49844	3.031	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	29666	8.179	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	29666	6.614	ng	# 25
67) 4-Bromophenyl-phenylether	10.616	248	20211	4.138	ng	# 1
77) Benizidine	12.910	184	18991	4.899	ng	# 95

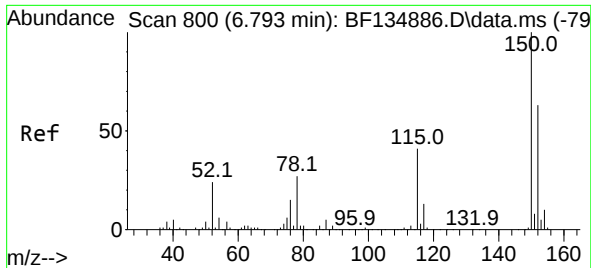
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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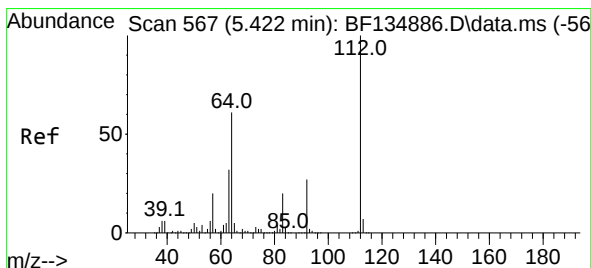
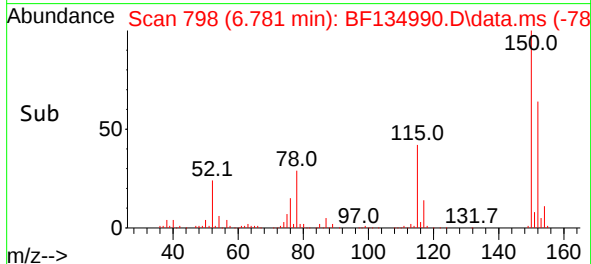
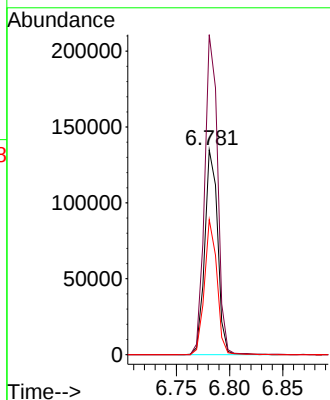
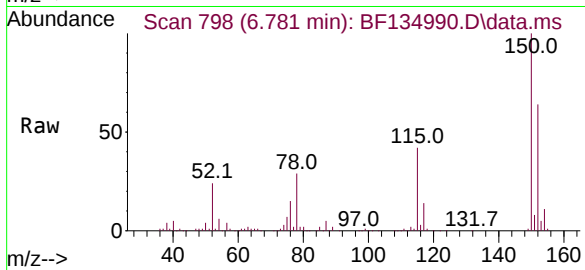




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF134990.D
 Acq: 29 Aug 2023 18:36

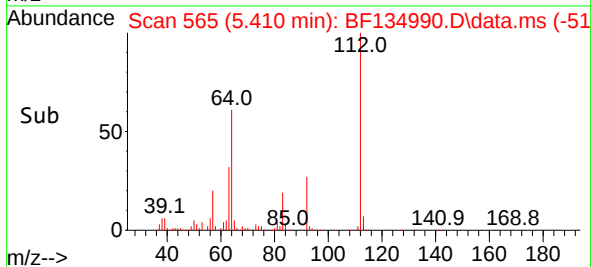
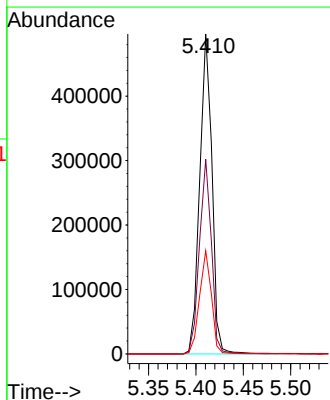
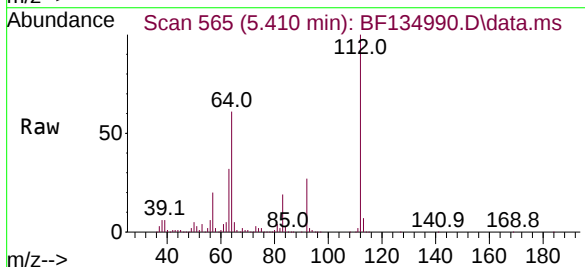
Instrument :
 BNA_F
 ClientSampleId :
 EQ-TANK-DNMPL

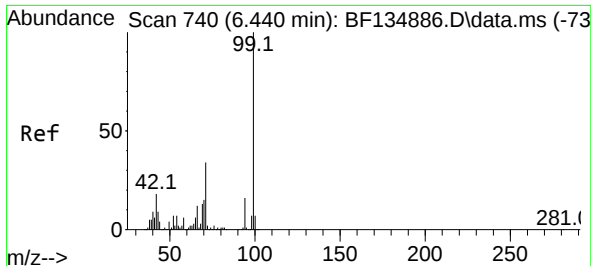
Tgt Ion:152 Resp: 113930
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.1 189.1
 115 65.9 51.1 76.7



#5
 2-Fluorophenol
 Concen: 62.310 ng
 RT: 5.410 min Scan# 565
 Delta R.T. -0.012 min
 Lab File: BF134990.D
 Acq: 29 Aug 2023 18:36

Tgt Ion:112 Resp: 445178
 Ion Ratio Lower Upper
 112 100
 64 60.9 48.6 73.0
 63 32.2 25.7 38.5

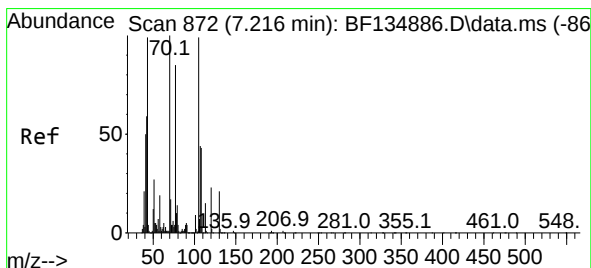
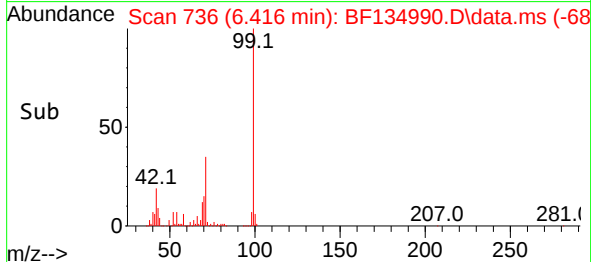
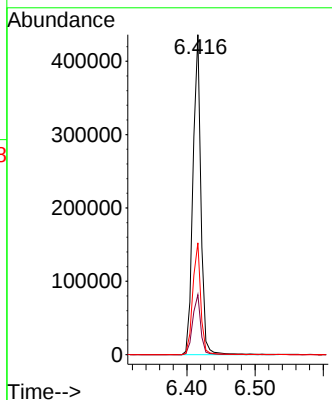
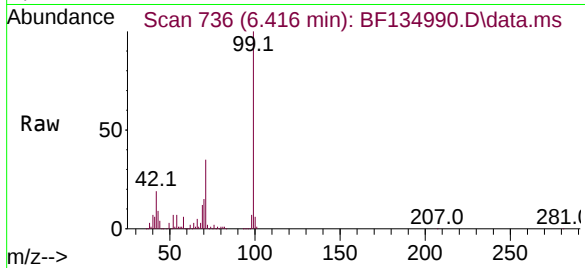




#7
Phenol-d6
Concen: 38.571 ng
RT: 6.416 min Scan# 741
Delta R.T. -0.024 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

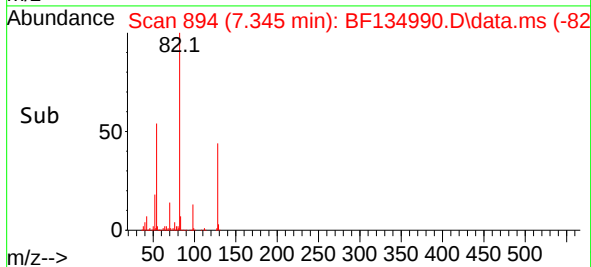
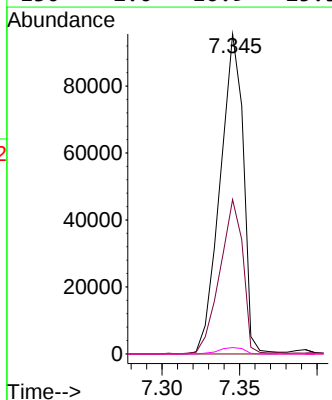
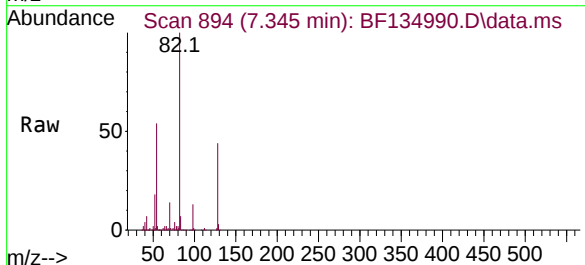
Instrument :
BNA_F
ClientSampleId :
EQ-TANK-DNMPL

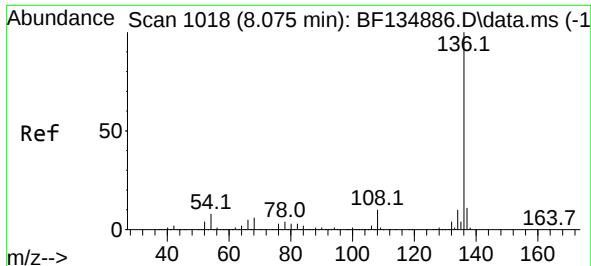
Tgt Ion: 99 Resp: 352125
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 34.9 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.624 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

Tgt Ion: 70 Resp: 99299
Ion Ratio Lower Upper
70 100
42 48.2 46.9 70.3
101 0.0 7.5 11.3#
130 2.0 16.9 25.3#

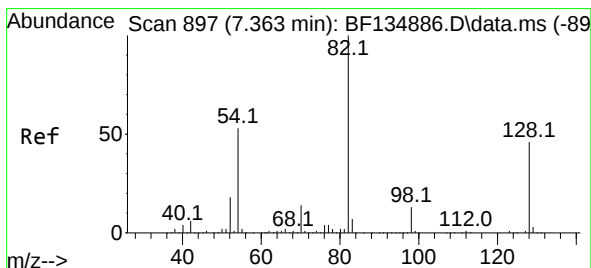
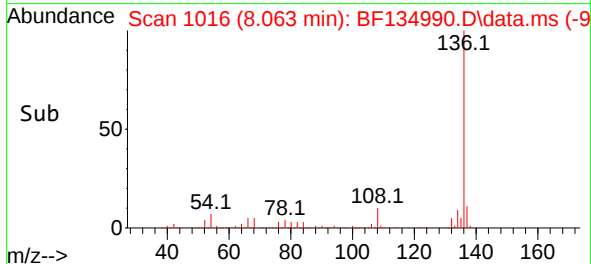
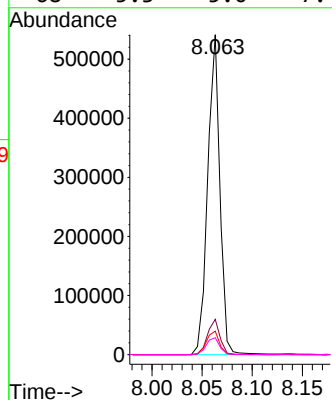
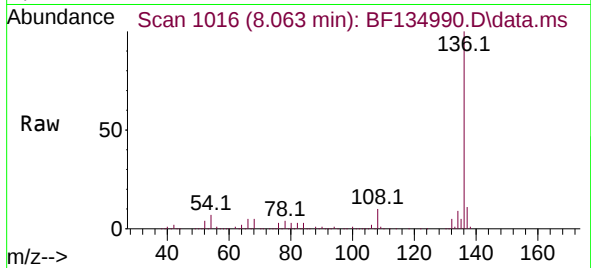




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

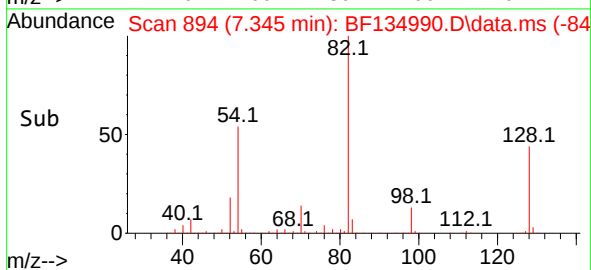
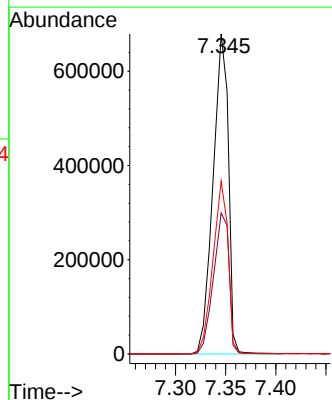
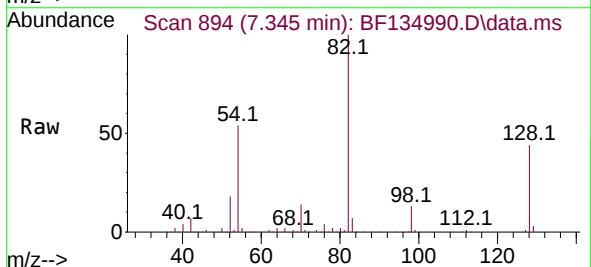
Instrument :
BNA_F
ClientSampleId :
EQ-TANK-DNMPL

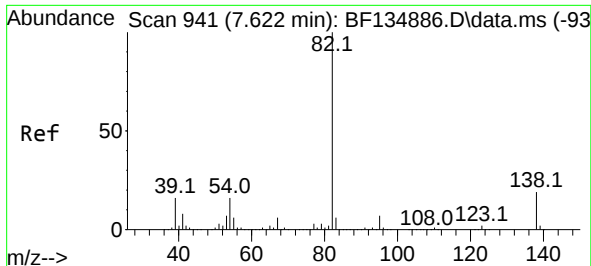
Tgt Ion:136	Resp: 456468
Ion Ratio	Lower Upper
136	100
137	11.0 8.9 13.3
54	7.3 6.6 9.8
68	5.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 86.932 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

Tgt Ion: 82	Resp: 720128
Ion Ratio	Lower Upper
82	100
128	44.0 36.6 54.8
54	54.0 42.6 63.8

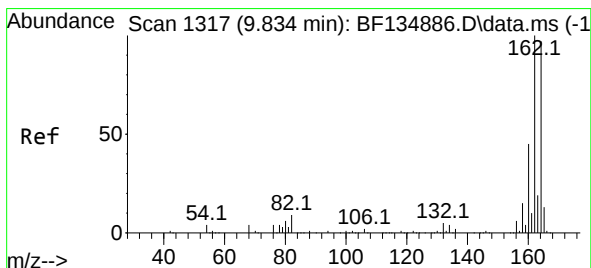
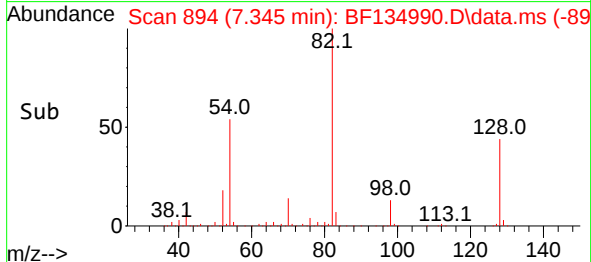
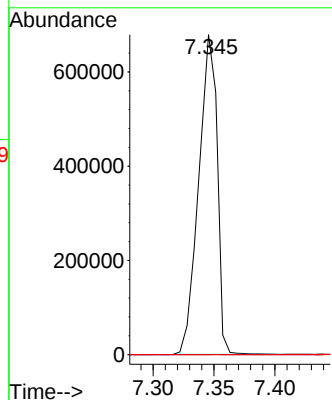
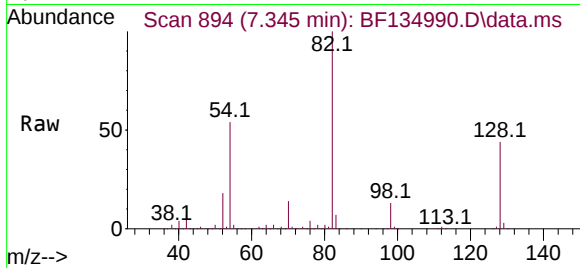




#25
Isophorone
Concen: 46.199 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

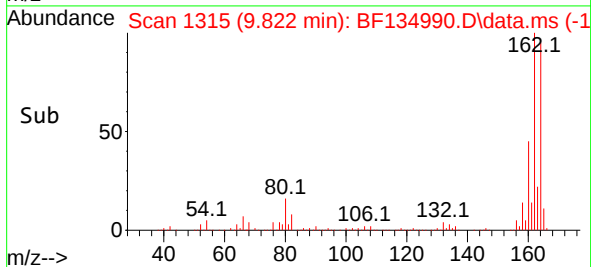
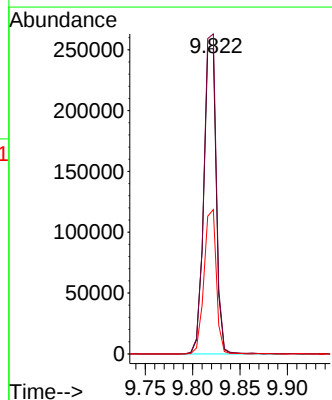
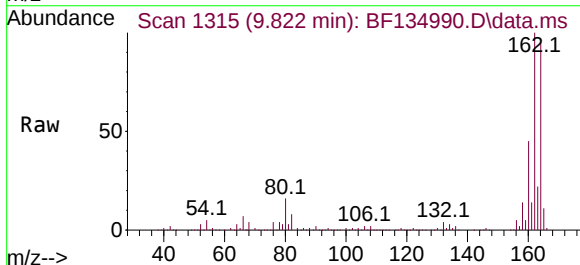
Instrument :
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ClientSampleId :
EQ-TANK-DNMPL

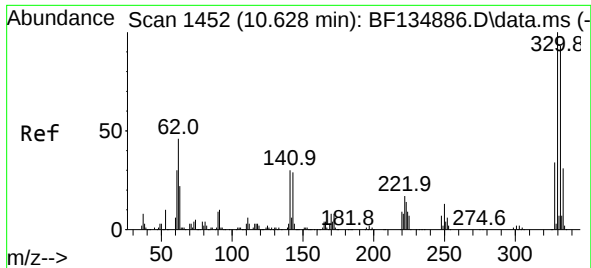
Tgt Ion: 82 Resp: 714615
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

Tgt Ion:164 Resp: 231035
Ion Ratio Lower Upper
164 100
162 104.8 82.6 123.8
160 47.3 37.0 55.4

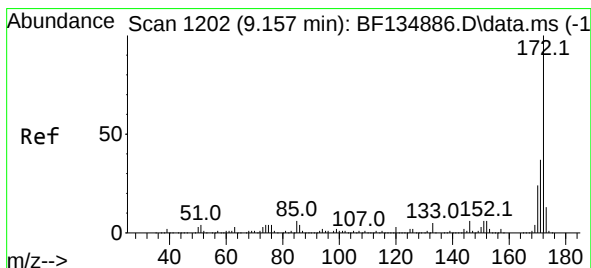
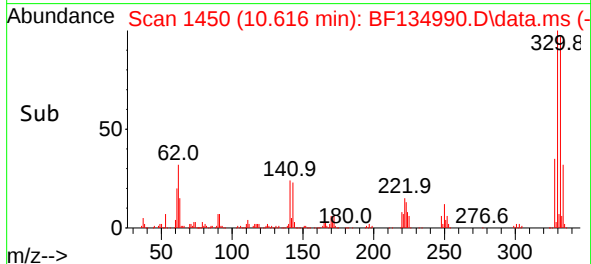
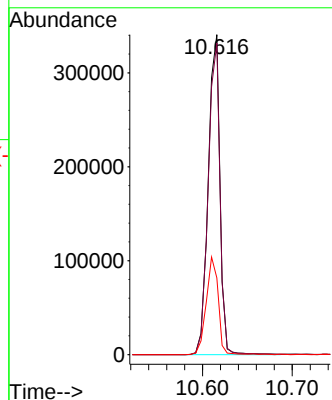
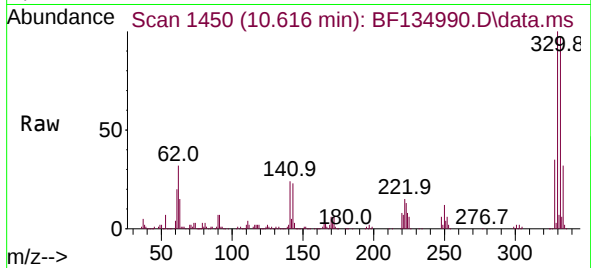




#42
2,4,6-Tribromophenol
Concen: 113.554 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

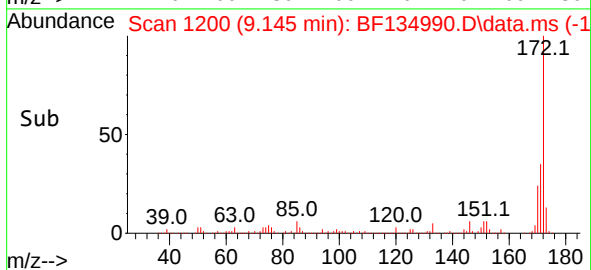
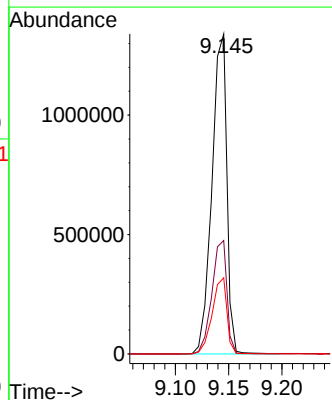
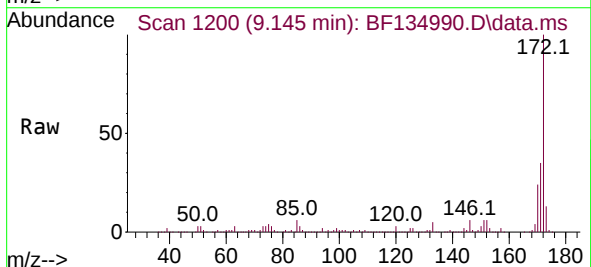
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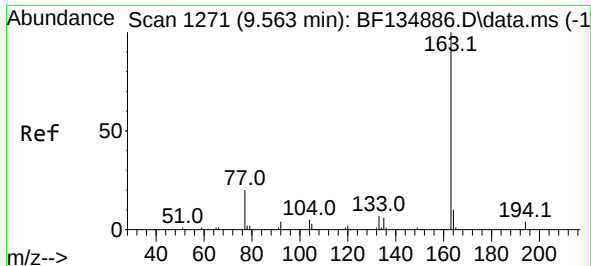
Tgt Ion:330 Resp: 308983
Ion Ratio Lower Upper
330 100
332 97.7 76.3 114.5
141 31.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 87.528 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

Tgt Ion:172 Resp: 1308107
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.8 19.6 29.4

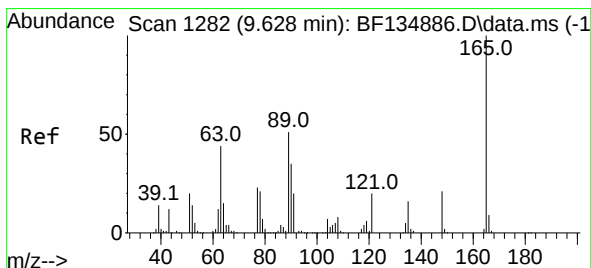
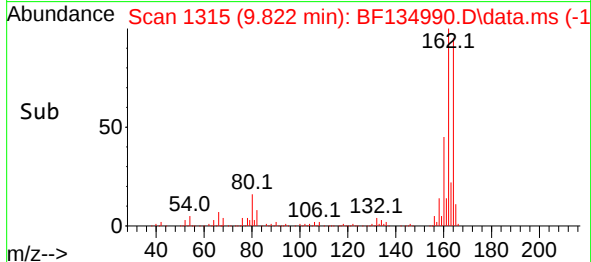
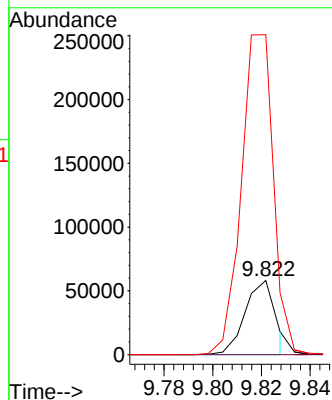
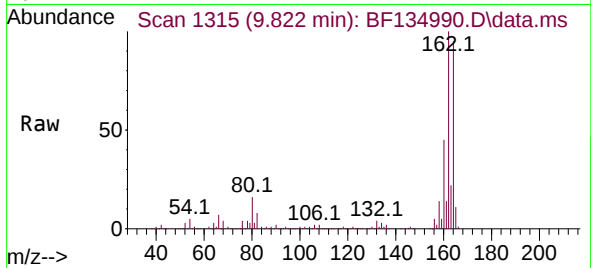




#50
Dimethylphthalate
Concen: 3.031 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

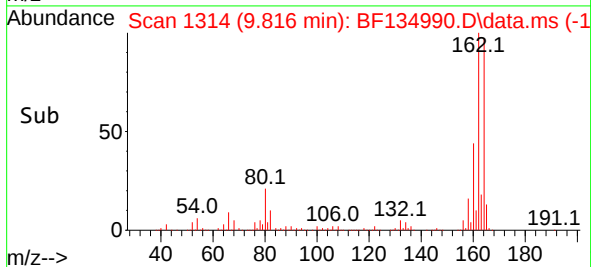
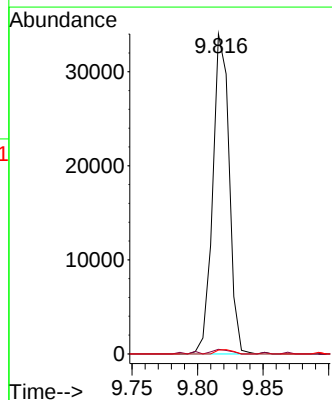
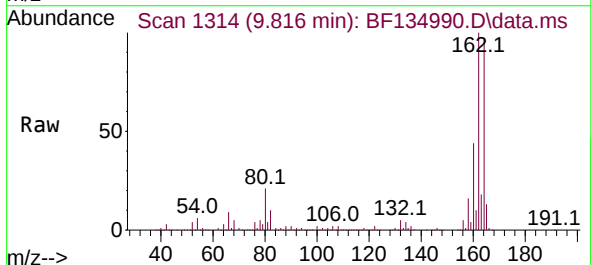
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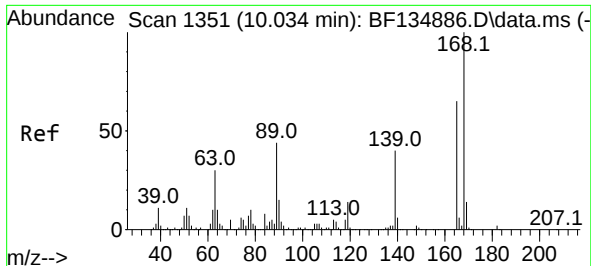
Tgt Ion:163 Resp: 49844
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 431.4 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.179 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.188 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

Tgt Ion:165 Resp: 29666
Ion Ratio Lower Upper
165 100
63 1.4 41.4 62.2#
89 1.2 40.9 61.3#

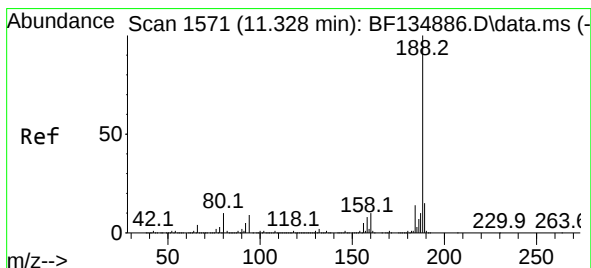
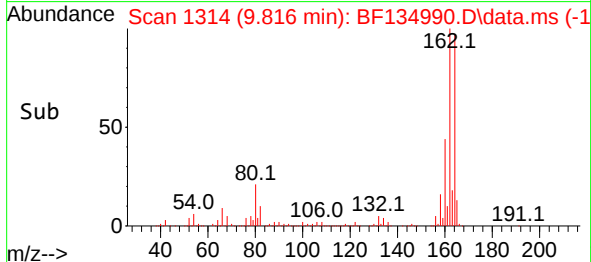
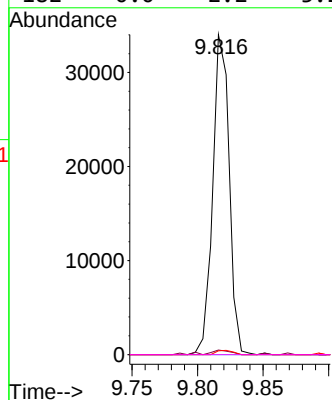
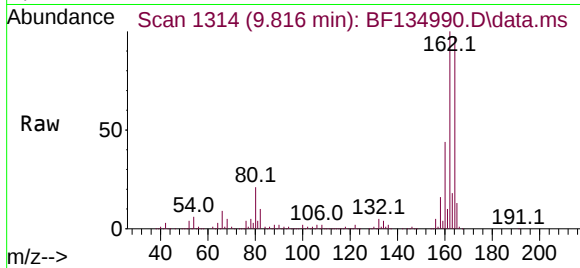




#57
2,4-Dinitrotoluene
Concen: 6.614 ng
RT: 9.816 min Scan# 1351
Delta R.T. -0.218 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

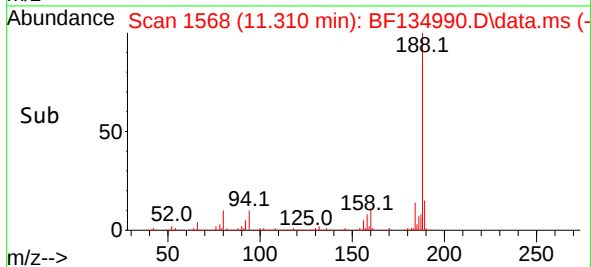
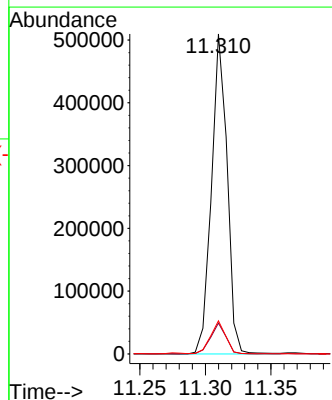
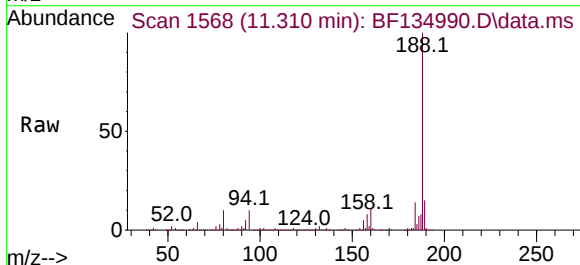
Instrument :
BNA_F
ClientSampleId :
EQ-TANK-DNMPL

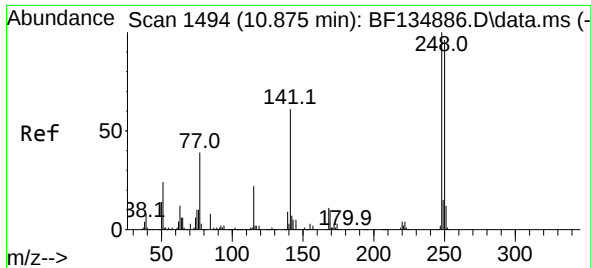
Tgt Ion:165	Resp:	29666
Ion Ratio	Lower	Upper
165	100	
63	1.4	37.7 56.5#
89	1.2	54.2 81.4#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

Tgt Ion:188	Resp:	423322
Ion Ratio	Lower	Upper
188	100	
94	9.6	7.5 11.3
80	10.3	7.8 11.6

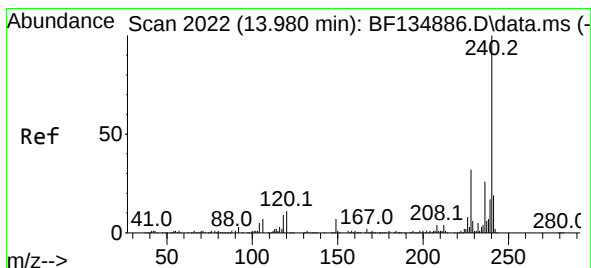
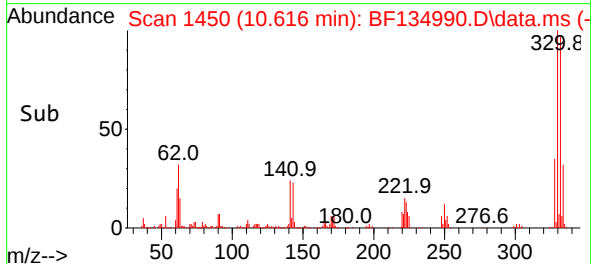
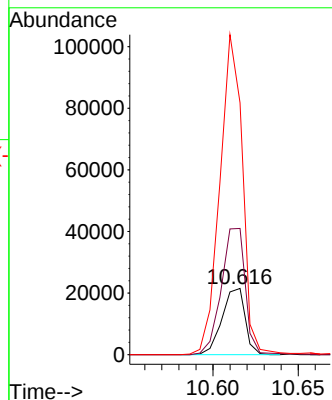
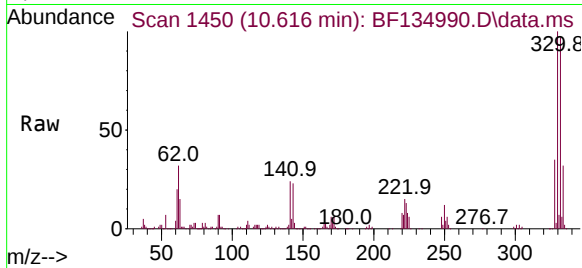




#67
4-Bromophenyl-phenylether
Concen: 4.138 ng
RT: 10.616 min Scan# 1494
Delta R.T. -0.259 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

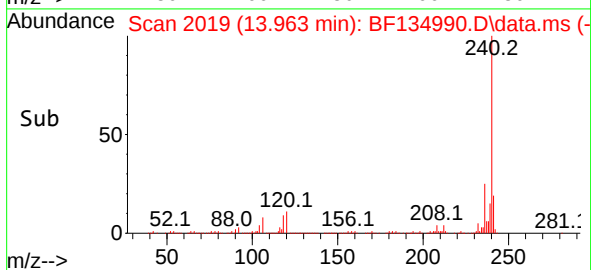
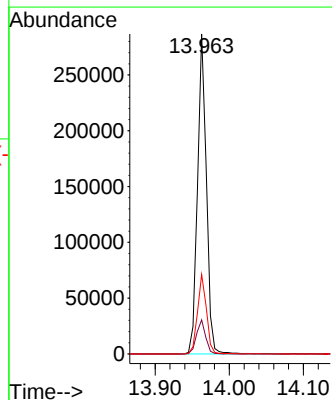
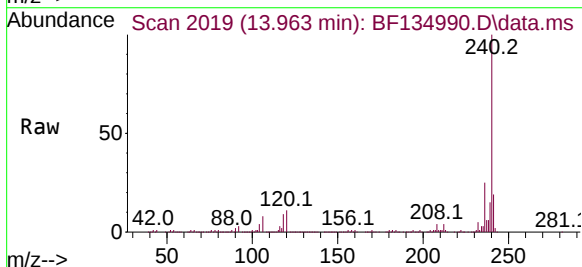
Instrument :
BNA_F
ClientSampleId :
EQ-TANK-DNMPL

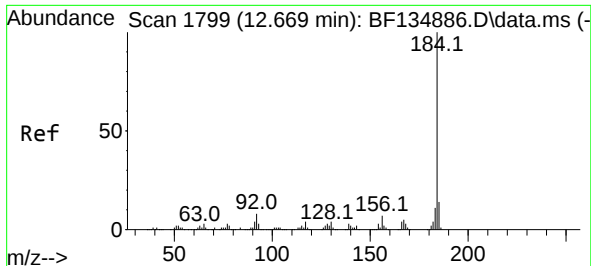
Tgt Ion:248 Resp: 20211
Ion Ratio Lower Upper
248 100
250 190.6 77.1 115.7#
141 380.3 49.0 73.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

Tgt Ion:240 Resp: 238915
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 24.8 20.6 31.0

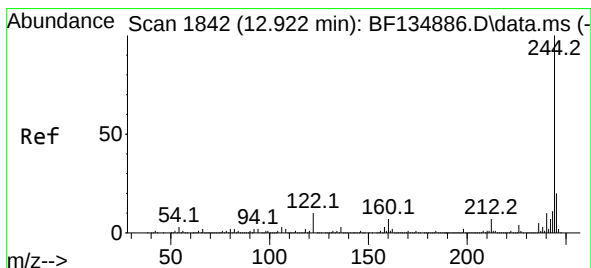
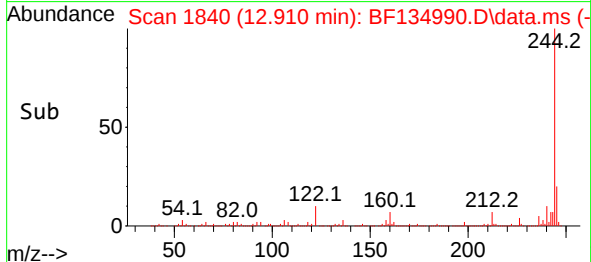
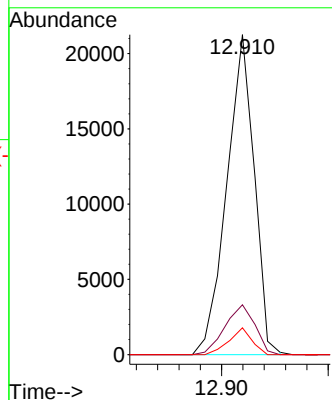
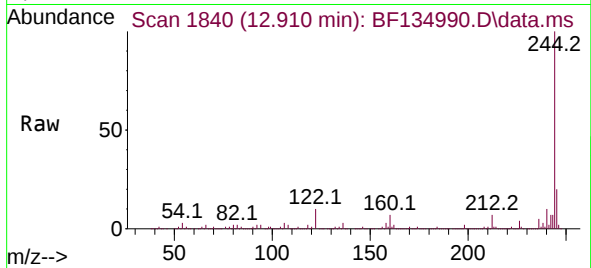




#77
Benzidine
Concen: 4.899 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.241 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

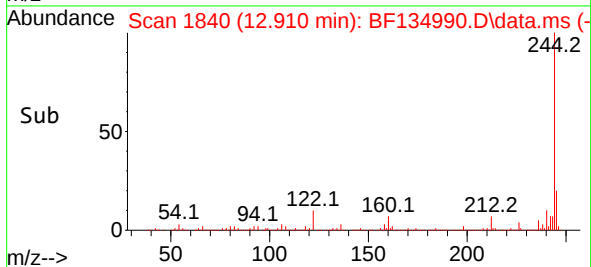
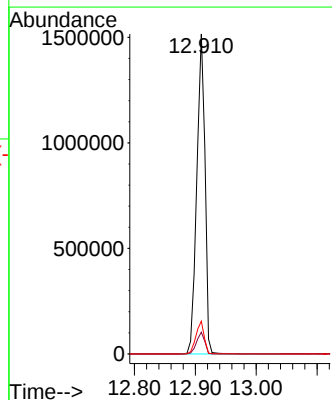
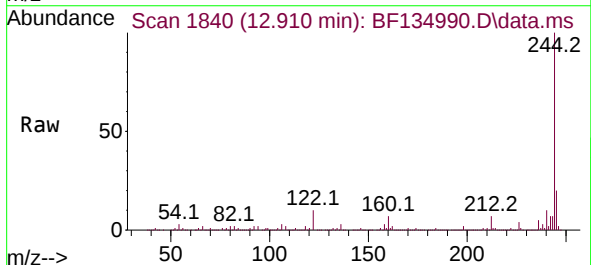
Instrument :
BNA_F
ClientSampleId :
EQ-TANK-DNMPL

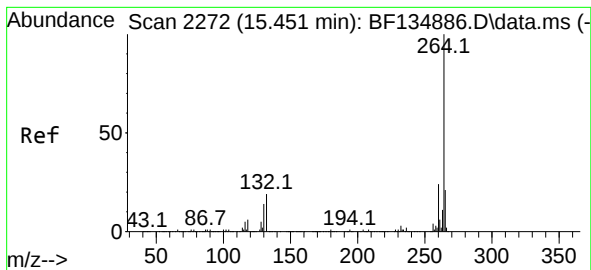
Tgt Ion:184 Resp: 18991
Ion Ratio Lower Upper
184 100
185 15.6 11.4 17.0
183 8.4 9.0 13.4#



#79
Terphenyl-d14
Concen: 81.952 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF134990.D
Acq: 29 Aug 2023 18:36

Tgt Ion:244 Resp: 1423550
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.2 8.2 12.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF134990.D

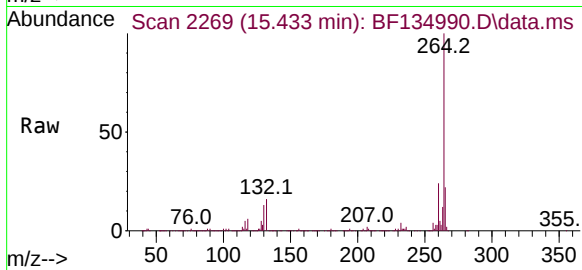
Acq: 29 Aug 2023 18:36

Instrument :

BNA_F

ClientSampleId :

EQ-TANK-DNMPL



Tgt Ion:264 Resp: 246770

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 21.6 17.1 25.7

