

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134981.D
 Acq On : 29 Aug 2023 13:36
 Operator : CG\JU
 Sample : PB155132BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155132BL

Quant Time: Aug 29 22:24:50 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)

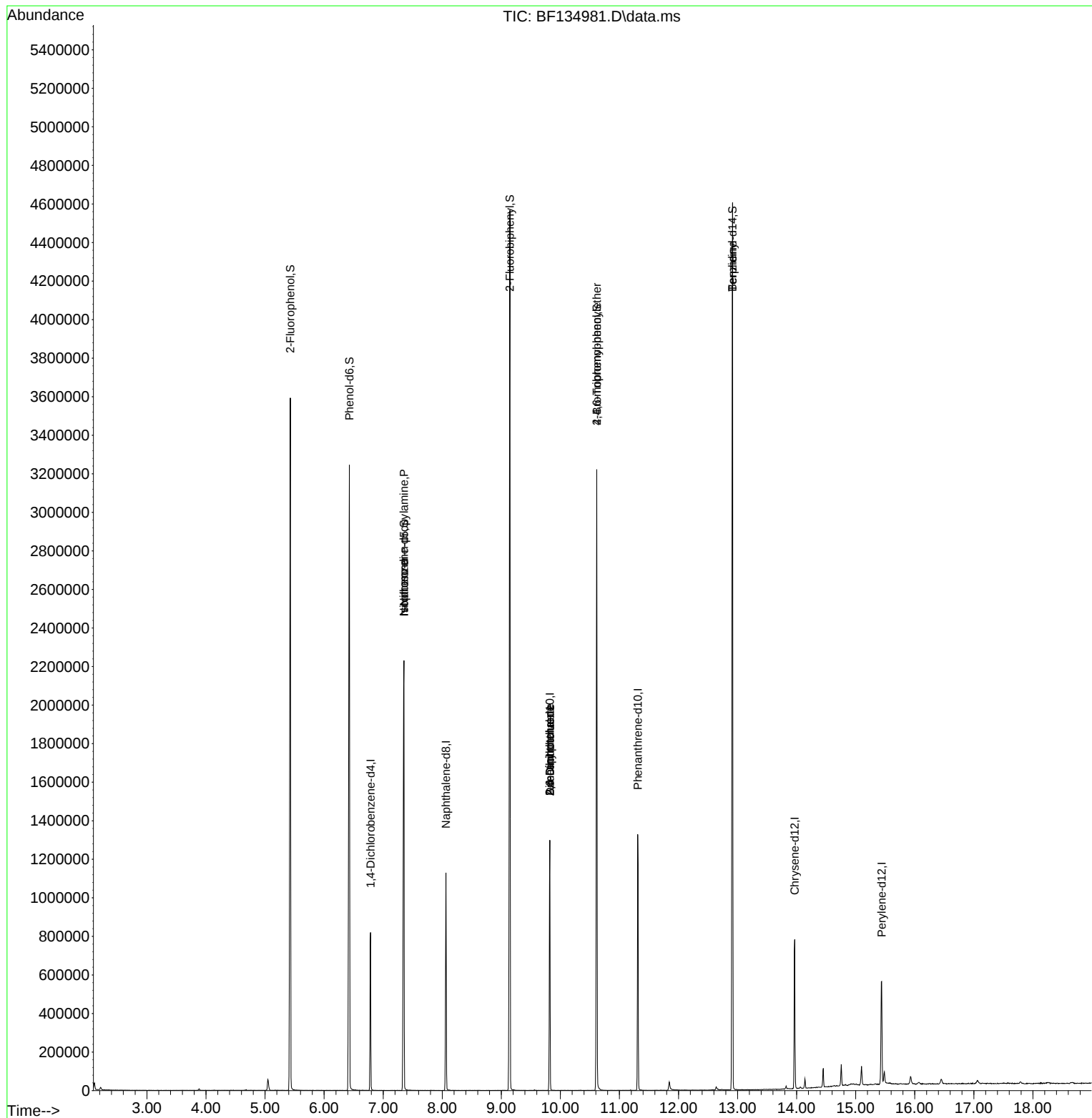
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	121705	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	497305	20.000	ng	-0.01
39) Acenaphthene-d10	9.821	164	260233	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	490097	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	265728	20.000	ng	-0.01
86) Perylene-d12	15.439	264	263492	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1026052	134.439	ng	0.00
7) Phenol-d6	6.428	99	1274426	130.679	ng	-0.01
23) Nitrobenzene-d5	7.351	82	820970	90.967	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	416258	135.815	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1486178	88.285	ng	-0.01
79) Terphenyl-d14	12.915	244	1755964	90.888	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	112132	19.687	ng	# 76
25) Isophorone	7.351	82	815807	48.410	ng	# 64
50) Dimethylphthalate	9.821	163	53912	2.910	ng	# 1
51) 2,6-Dinitrotoluene	9.821	165	33094	8.100	ng	# 28
57) 2,4-Dinitrotoluene	9.821	165	33094	6.550	ng	# 25
67) 4-Bromophenyl-phenylether	10.616	248	26042	4.606	ng	# 1
77) Benizidine	12.915	184	22052	5.115	ng	# 94

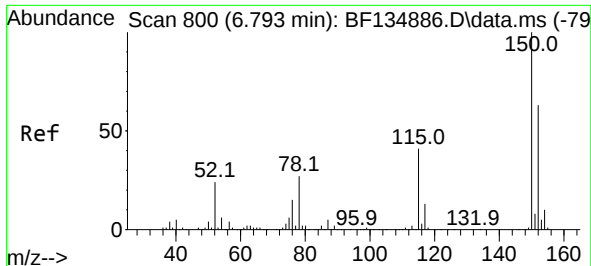
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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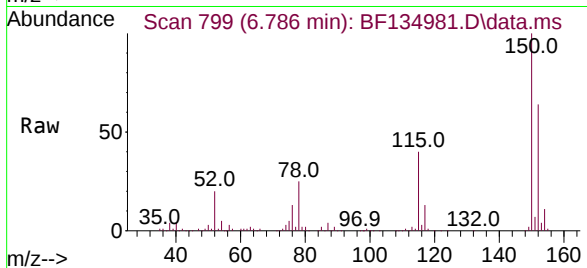
Quant Time: Aug 29 22:24:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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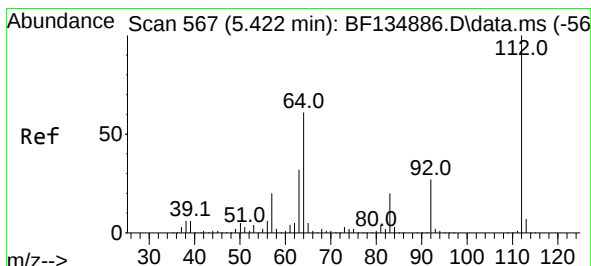
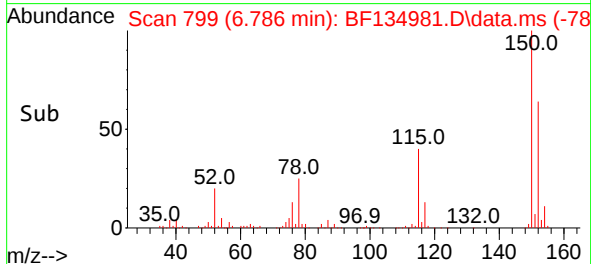
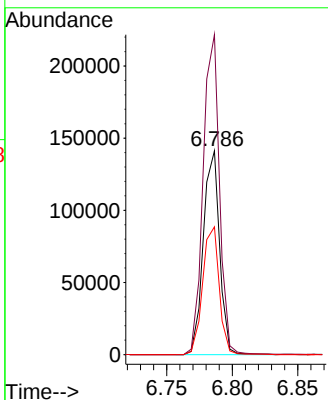


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.007 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Instrument :
BNA_F
ClientSampleId :
PB155132BL

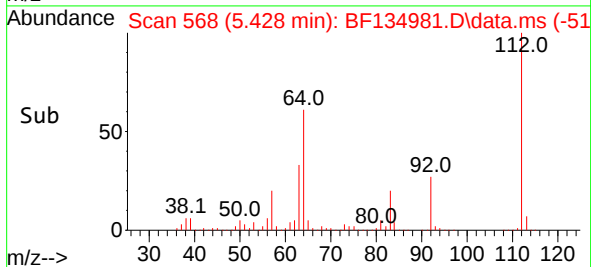
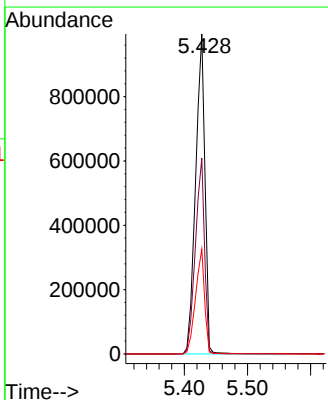
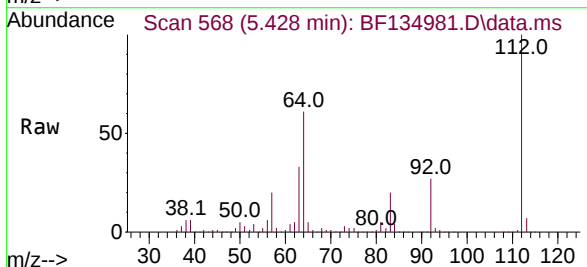


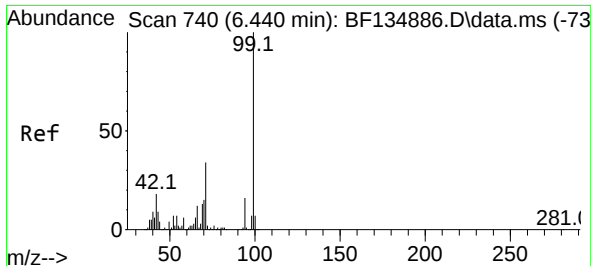
Tgt Ion:152 Resp: 121705
Ion Ratio Lower Upper
152 100
150 157.1 126.1 189.1
115 62.7 51.1 76.7



#5
2-Fluorophenol
Concen: 134.439 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Tgt Ion:112 Resp: 1026052
Ion Ratio Lower Upper
112 100
64 61.1 48.6 73.0
63 32.7 25.7 38.5

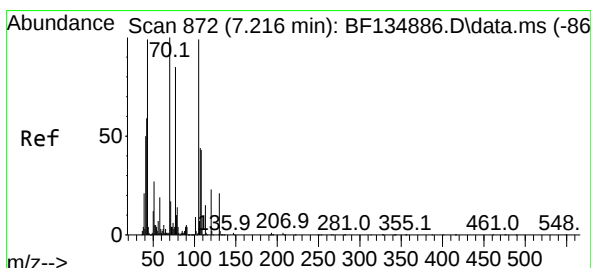
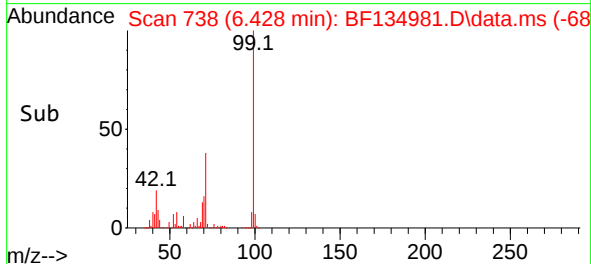
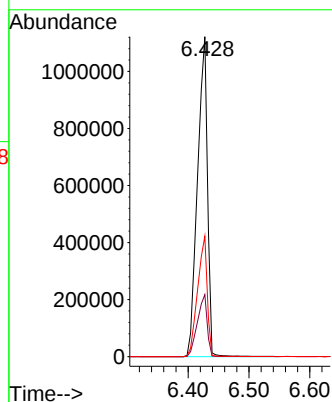
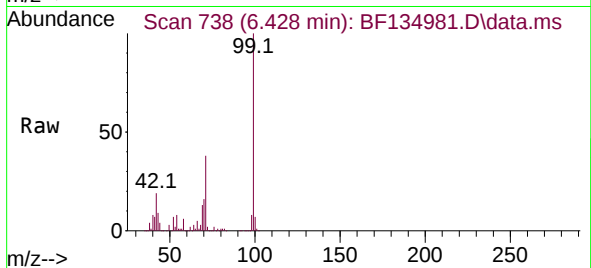




#7
Phenol-d6
Concen: 130.679 ng
RT: 6.428 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

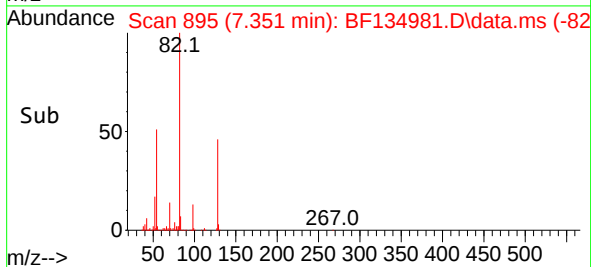
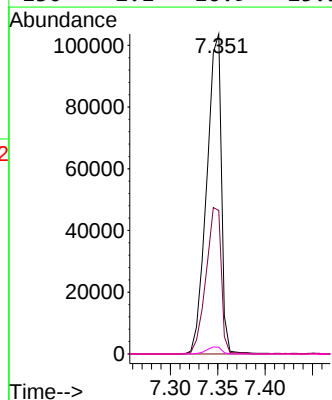
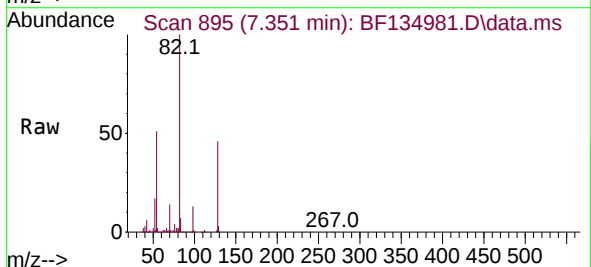
Instrument :
BNA_F
ClientSampleId :
PB155132BL

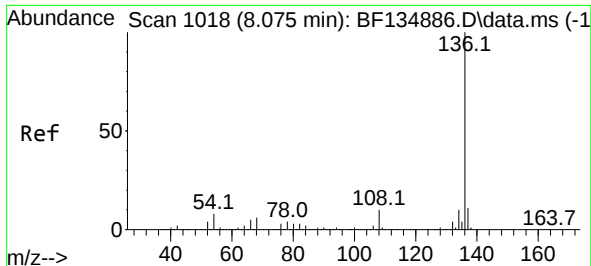
Tgt Ion: 99 Resp: 1274426
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 37.6 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.687 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

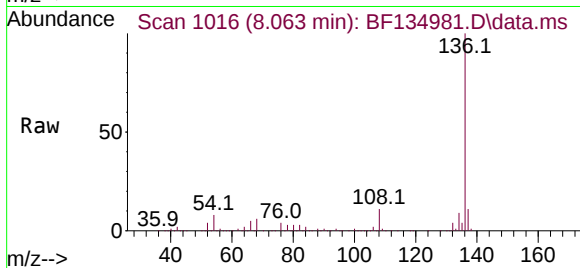
Tgt Ion: 70 Resp: 112132
Ion Ratio Lower Upper
70 100
42 44.8 46.9 70.3#
101 0.0 7.5 11.3#
130 2.1 16.9 25.3#



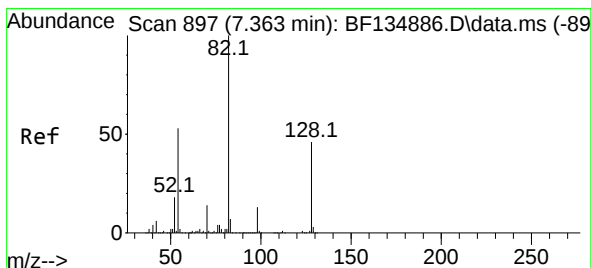
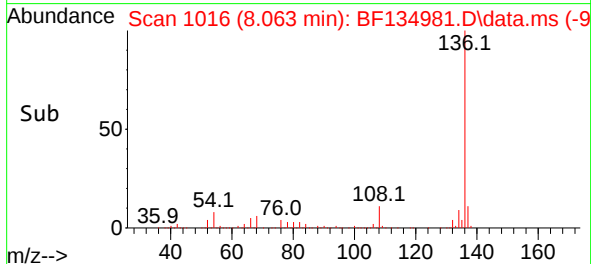
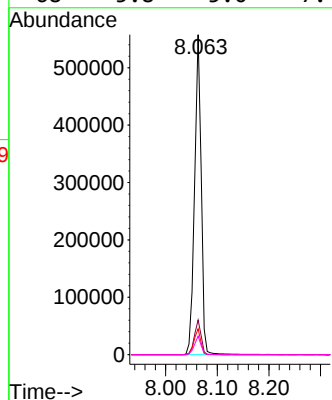


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Instrument :
BNA_F
ClientSampleId :
PB155132BL

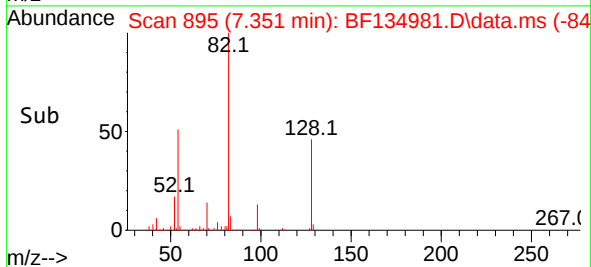
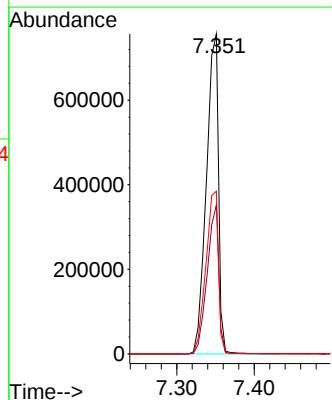
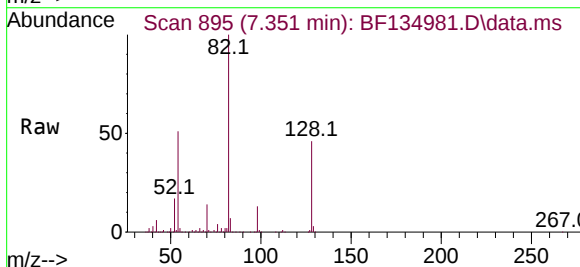


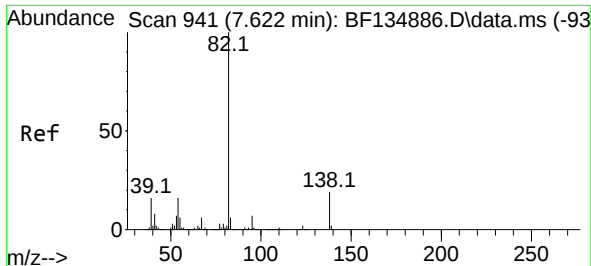
Tgt Ion:	136	Resp:	497305
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.1	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 90.967 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Tgt Ion:	82	Resp:	820970
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.6	54.8
54	50.8	42.6	63.8

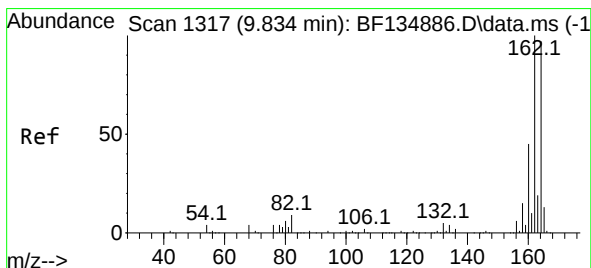
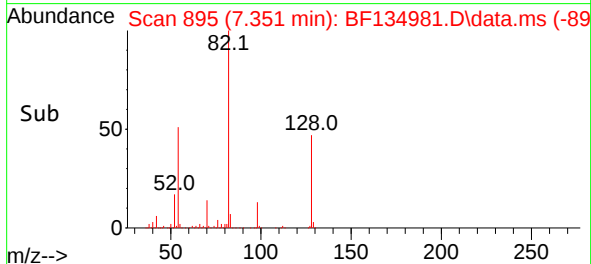
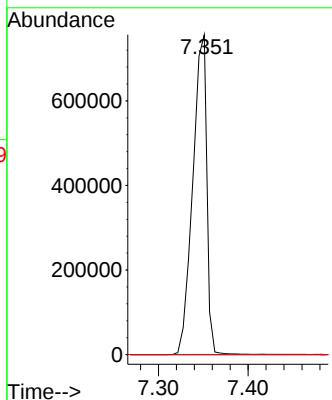
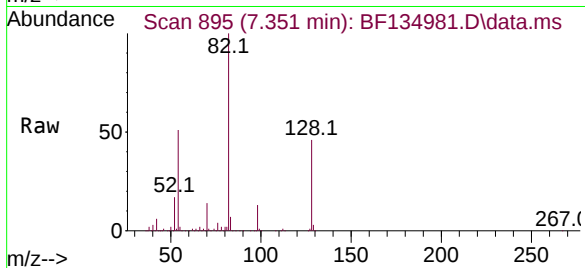




#25
Isophorone
Concen: 48.410 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

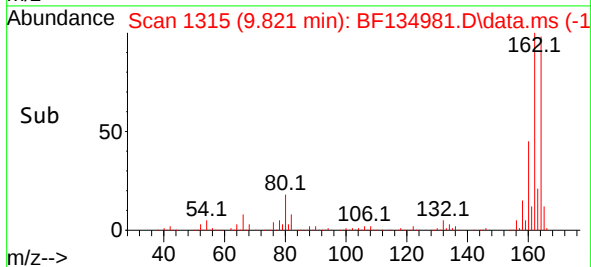
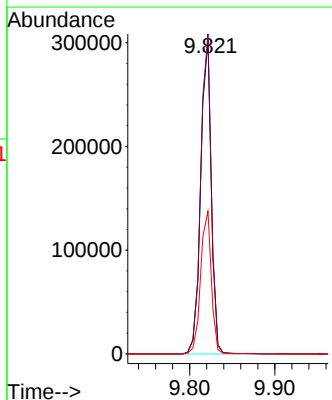
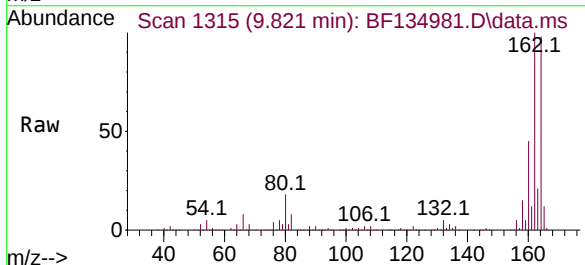
Instrument :
BNA_F
ClientSampleId :
PB155132BL

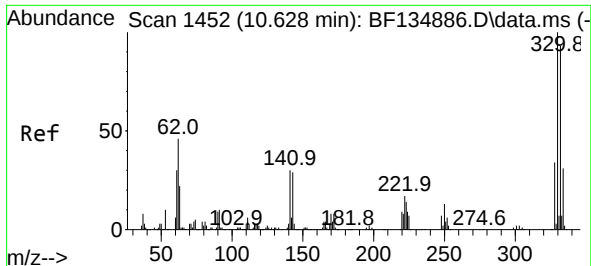
Tgt Ion: 82 Resp: 815807
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Tgt Ion:164 Resp: 260233
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 45.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 135.815 ng

RT: 10.616 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF134981.D

Acq: 29 Aug 2023 13:36

Instrument :

BNA_F

ClientSampleId :

PB155132BL

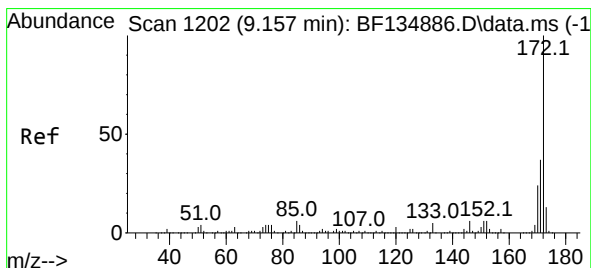
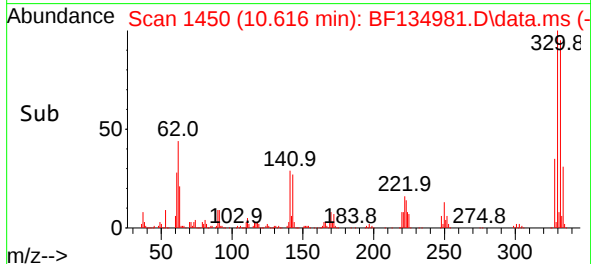
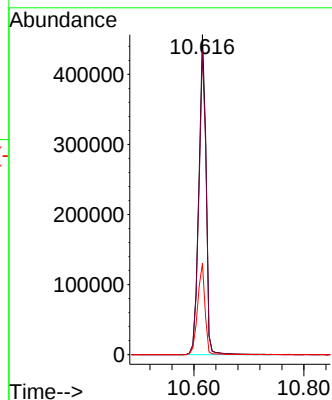
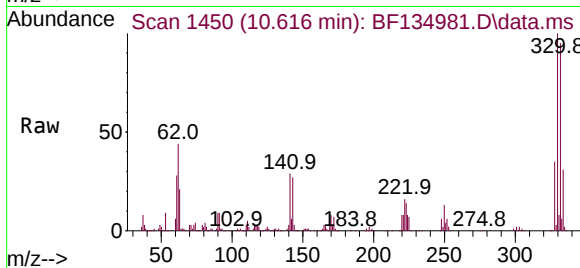
Tgt Ion:330 Resp: 416258

Ion Ratio Lower Upper

330 100

332 95.5 76.3 114.5

141 29.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 88.285 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134981.D

Acq: 29 Aug 2023 13:36

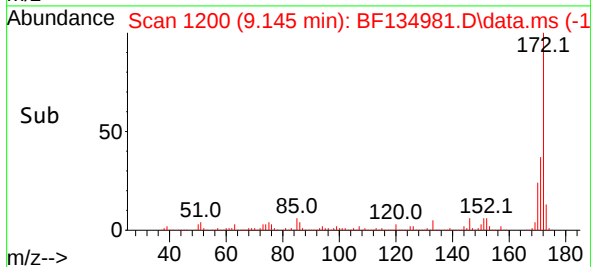
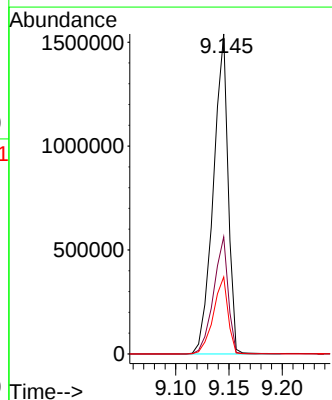
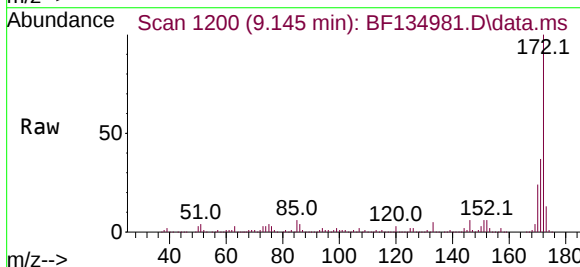
Tgt Ion:172 Resp: 1486178

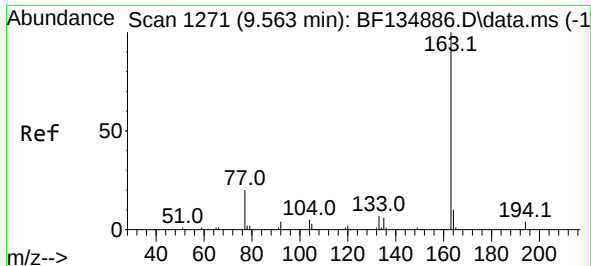
Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

170 24.0 19.6 29.4

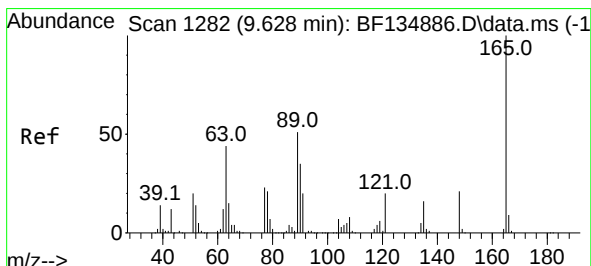
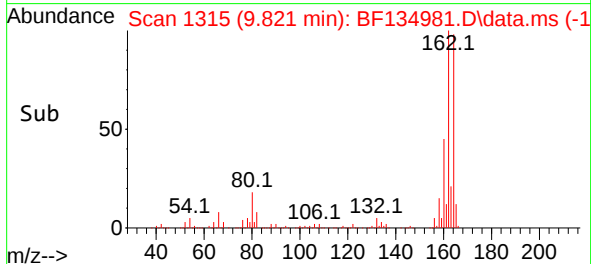
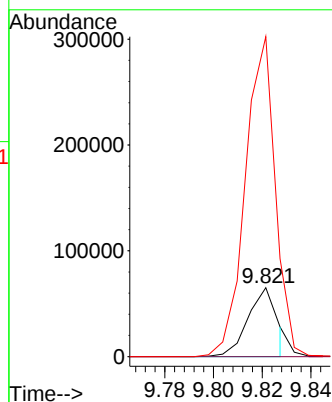
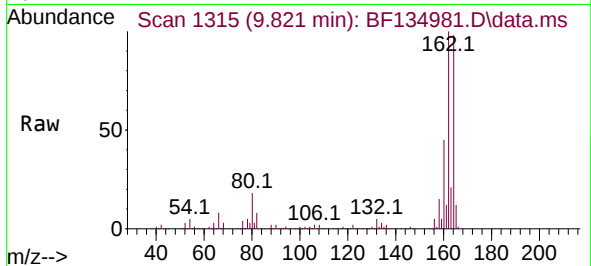




#50
Dimethylphthalate
Concen: 2.910 ng
RT: 9.821 min Scan# 1315
Delta R.T. 0.258 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

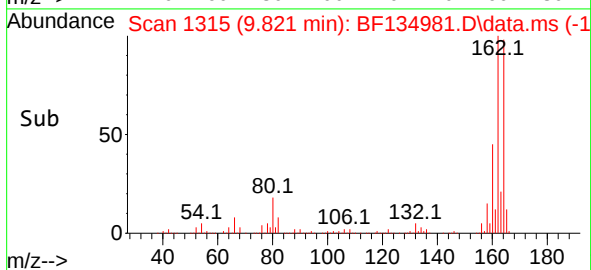
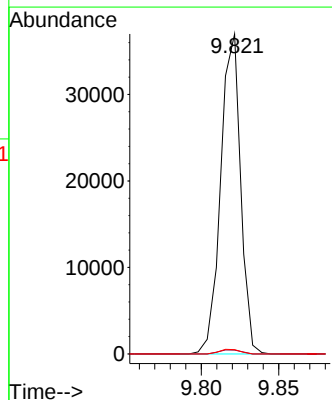
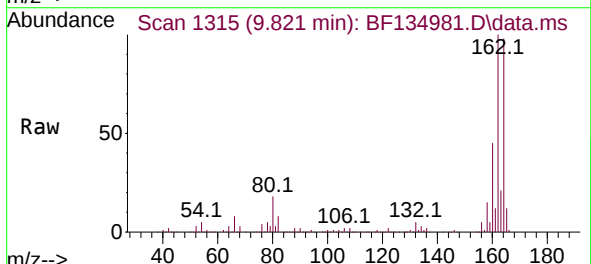
Instrument :
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PB155132BL

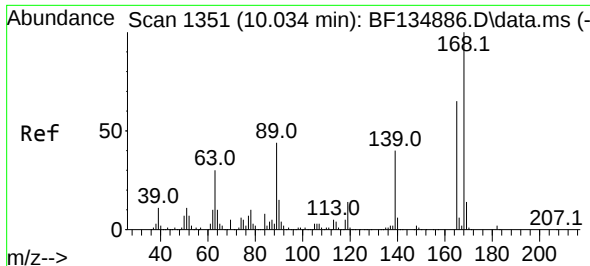
Tgt Ion:163 Resp: 53912
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 464.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.100 ng
RT: 9.821 min Scan# 1315
Delta R.T. 0.193 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Tgt Ion:165 Resp: 33094
Ion Ratio Lower Upper
165 100
63 1.2 41.4 62.2#
89 1.3 40.9 61.3#

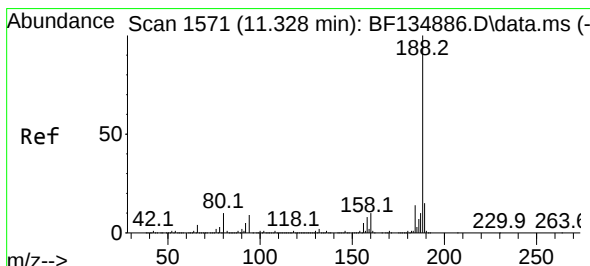
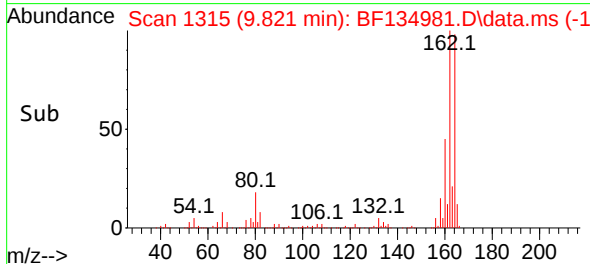
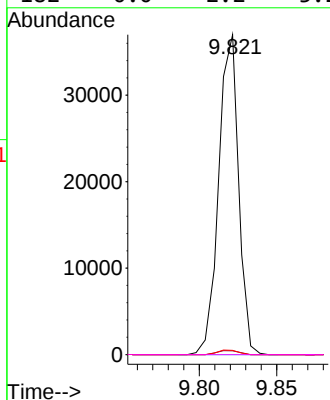
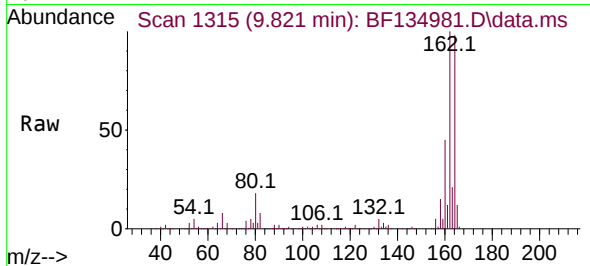




#57
2,4-Dinitrotoluene
Concen: 6.550 ng
RT: 9.821 min Scan# 1351
Delta R.T. -0.213 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

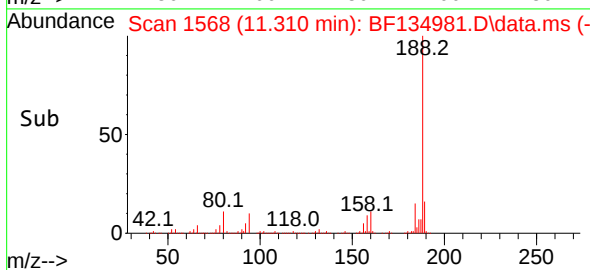
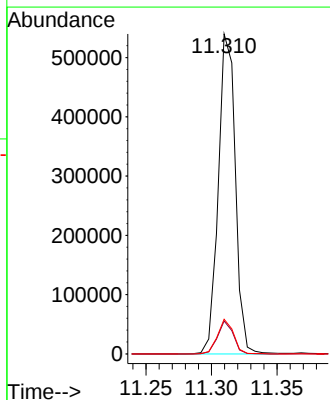
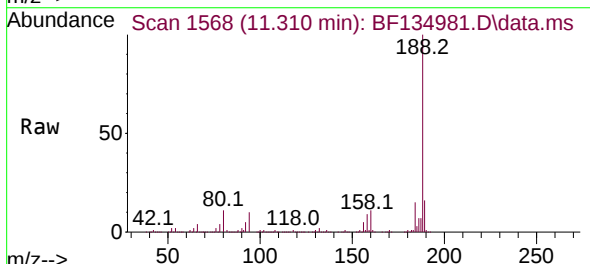
Instrument :
BNA_F
ClientSampleId :
PB155132BL

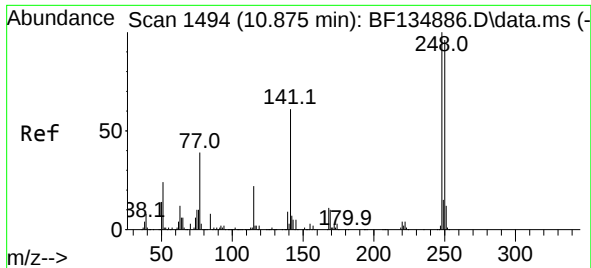
Tgt Ion:	165	Resp:	33094
Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.7	56.5#
89	1.3	54.2	81.4#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Tgt Ion:	188	Resp:	490097
Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.5	11.3
80	10.8	7.8	11.6

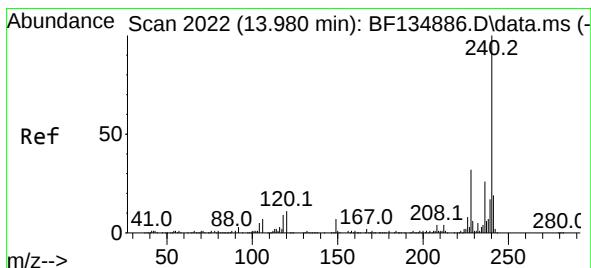
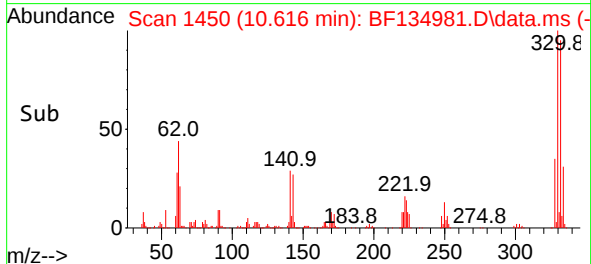
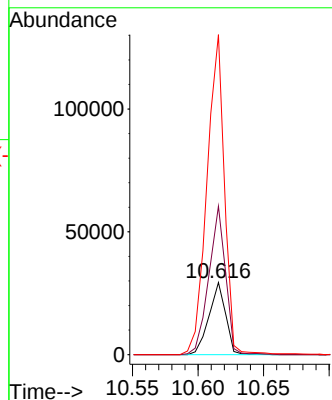
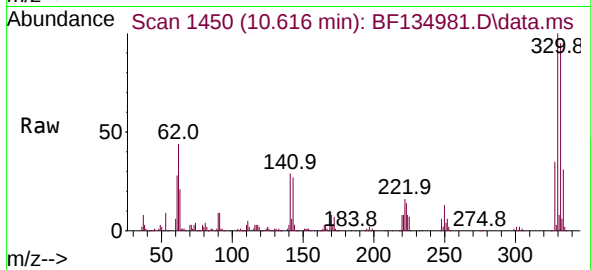




#67
4-Bromophenyl-phenylether
Concen: 4.606 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

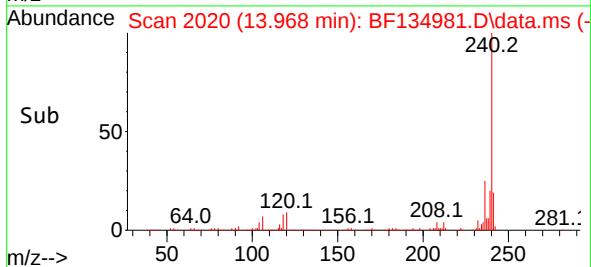
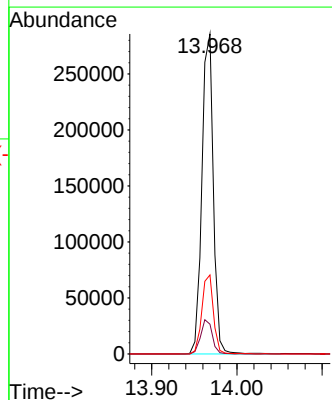
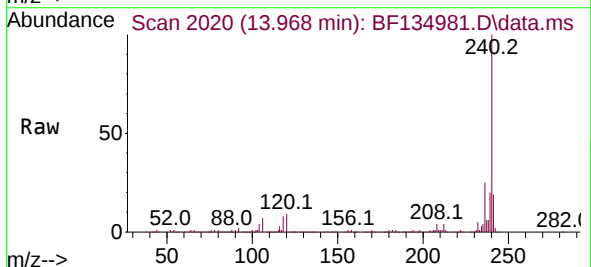
Instrument :
BNA_F
ClientSampleId :
PB155132BL

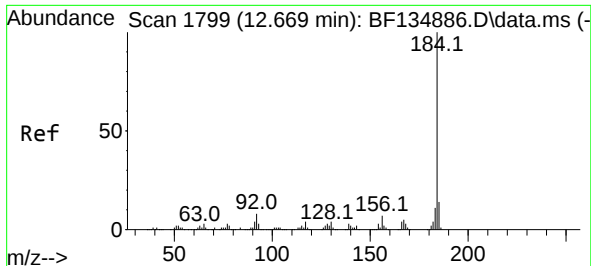
Tgt Ion:248 Resp: 26042
Ion Ratio Lower Upper
248 100
250 206.0 77.1 115.7#
141 444.1 49.0 73.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Tgt Ion:240 Resp: 265728
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 24.7 20.6 31.0

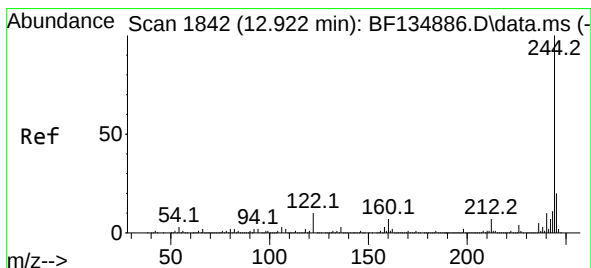
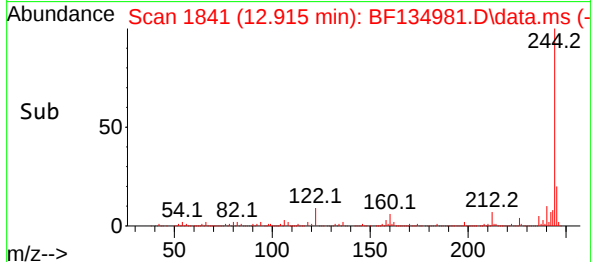
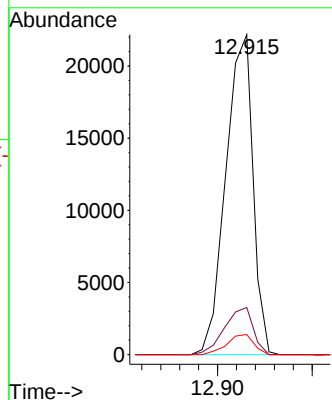
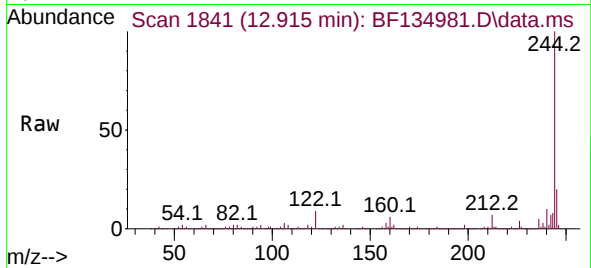




#77
Benzidine
Concen: 5.115 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.246 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

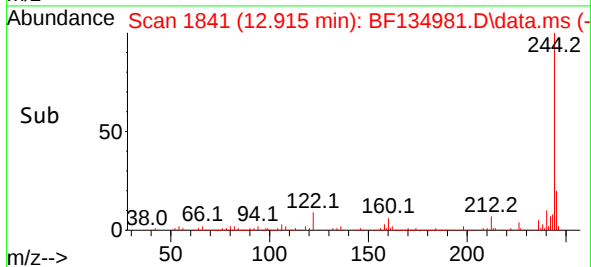
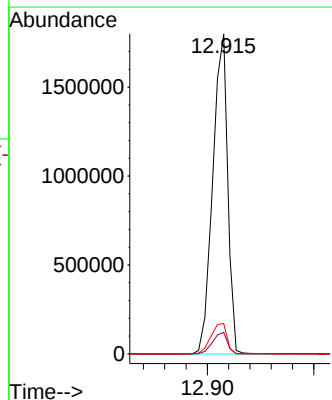
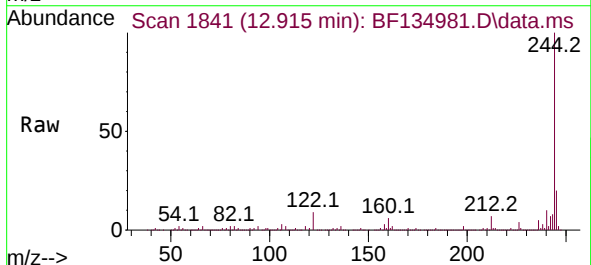
Instrument :
BNA_F
ClientSampleId :
PB155132BL

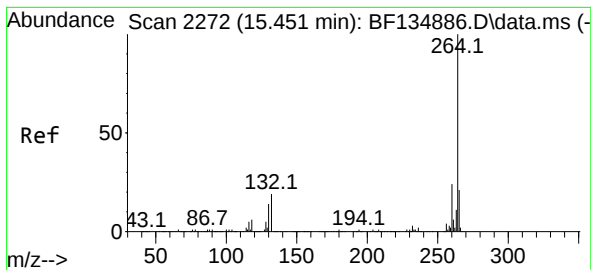
Tgt Ion:184 Resp: 22052
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 6.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 90.888 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.007 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Tgt Ion:244 Resp: 1755964
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 9.5 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134981.D
Acq: 29 Aug 2023 13:36

Instrument :
BNA_F
ClientSampleId :
PB155132BL

Tgt Ion:264 Resp: 263492
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.6
265 21.2 17.1 25.7

