

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134985.D
 Acq On : 29 Aug 2023 15:45
 Operator : CG\JU
 Sample : PB155081TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155081TB

Quant Time: Aug 29 22:26:50 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)

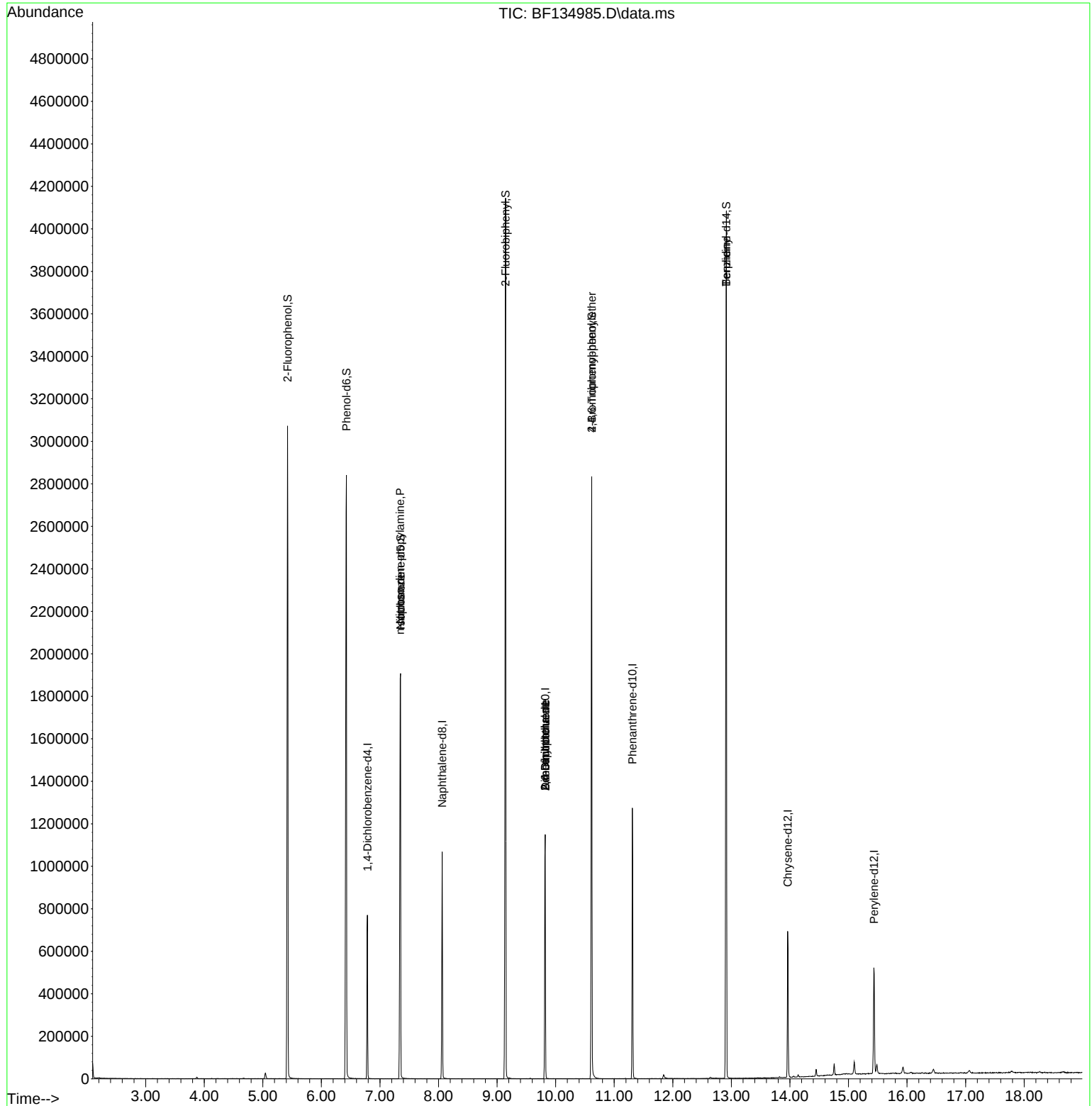
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	111901	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	450081	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	240034	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	456477	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	234907	20.000	ng	-0.02
86) Perylene-d12	15.433	264	234590	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	896486	127.754	ng	0.00
7) Phenol-d6	6.428	99	1110442	123.840	ng	-0.01
23) Nitrobenzene-d5	7.351	82	710204	86.950	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	365317	129.224	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1331771	85.770	ng	-0.01
79) Terphenyl-d14	12.915	244	1566788	91.737	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	97995	18.712	ng	# 78
25) Isophorone	7.351	82	705763	46.274	ng	# 64
50) Dimethylphthalate	9.822	163	49976	2.925	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	30561	8.110	ng	# 28
57) 2,4-Dinitrotoluene	9.822	165	30561	6.558	ng	# 25
67) 4-Bromophenyl-phenylether	10.616	248	23499	4.462	ng	# 1
77) Benzidine	12.915	184	20440	5.363	ng	# 93

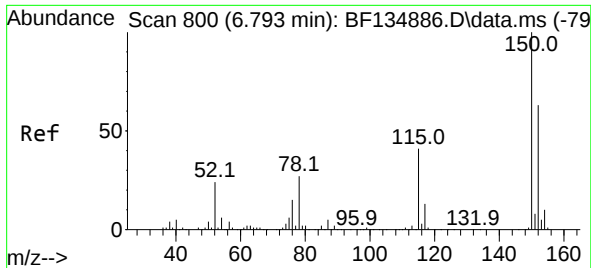
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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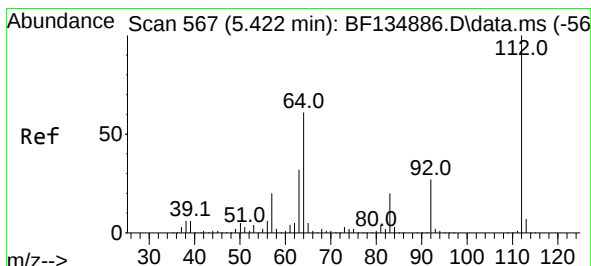
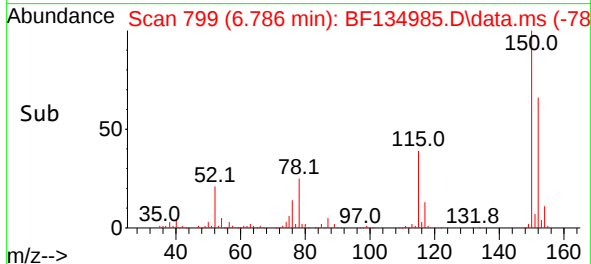
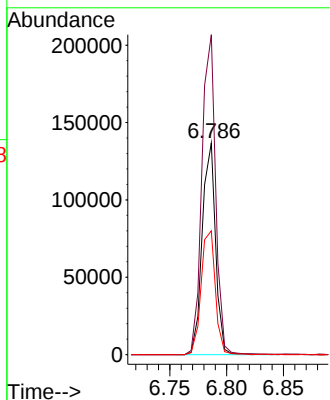
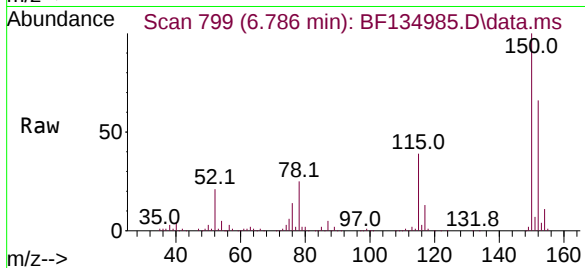




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.007 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

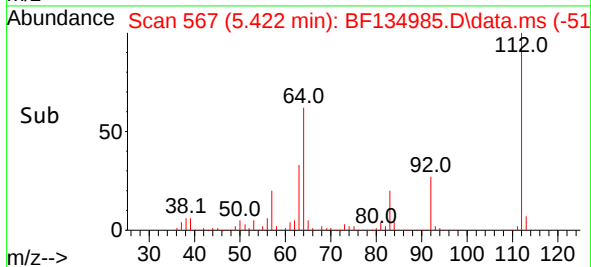
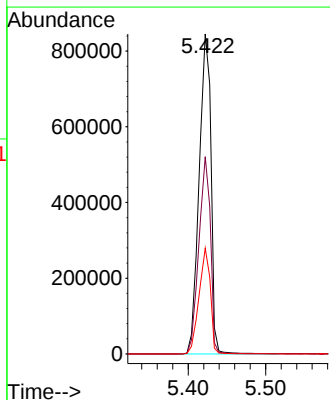
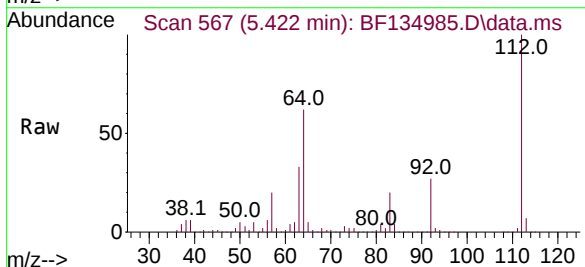
Instrument :
BNA_F
ClientSampleId :
PB155081TB

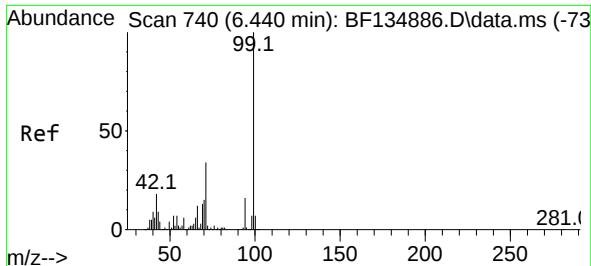
Tgt Ion:152 Resp: 111901
Ion Ratio Lower Upper
152 100
150 151.2 126.1 189.1
115 58.5 51.1 76.7



#5
2-Fluorophenol
Concen: 127.754 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

Tgt Ion:112 Resp: 896486
Ion Ratio Lower Upper
112 100
64 61.6 48.6 73.0
63 33.0 25.7 38.5

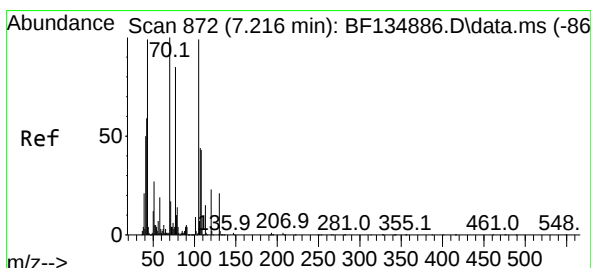
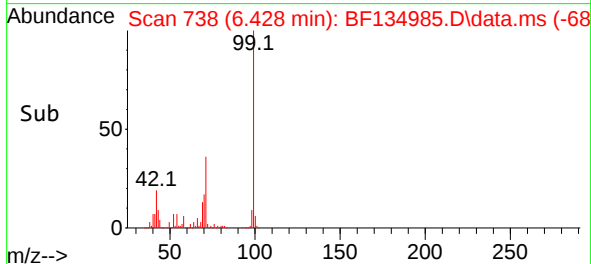
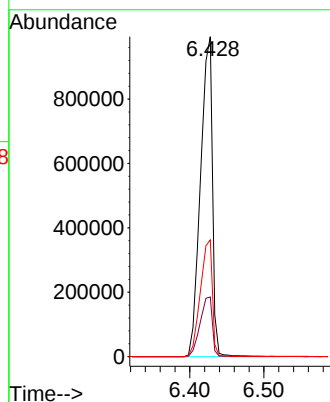
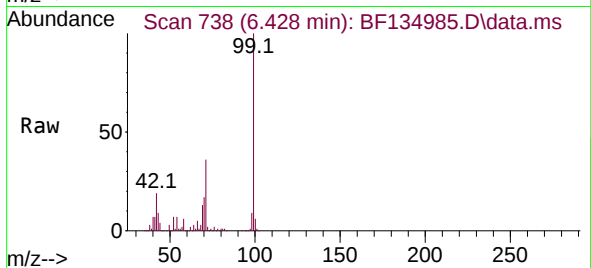




#7
Phenol-d6
Concen: 123.840 ng
RT: 6.428 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

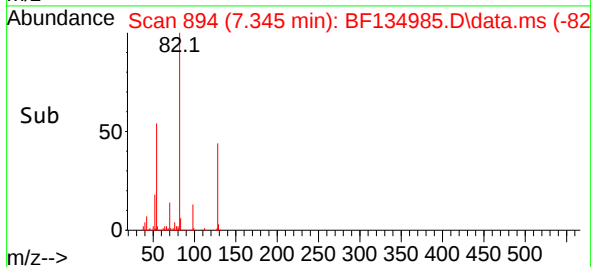
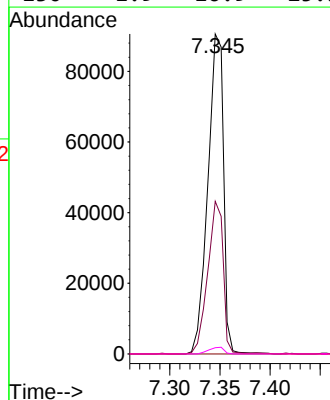
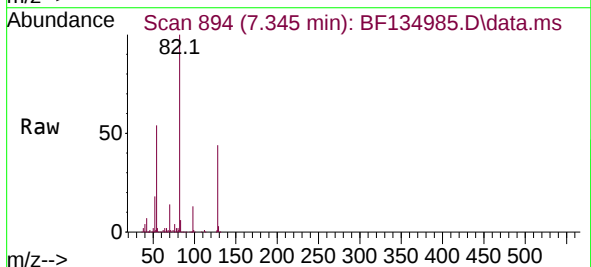
Instrument :
BNA_F
ClientSampleId :
PB155081TB

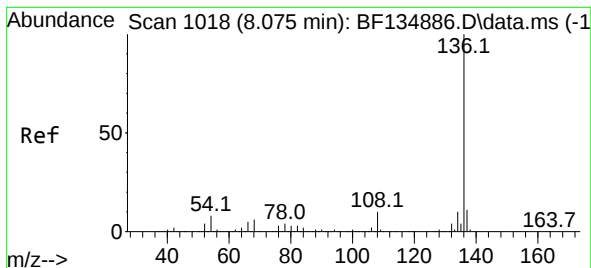
Tgt Ion: 99 Resp: 1110442
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 36.5 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.712 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

Tgt Ion: 70 Resp: 97995
Ion Ratio Lower Upper
70 100
42 47.7 46.9 70.3
101 0.0 7.5 11.3#
130 1.9 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF134985.D

Acq: 29 Aug 2023 15:45

Instrument :

BNA_F

ClientSampleId :

PB155081TB

Tgt Ion:136 Resp: 450081

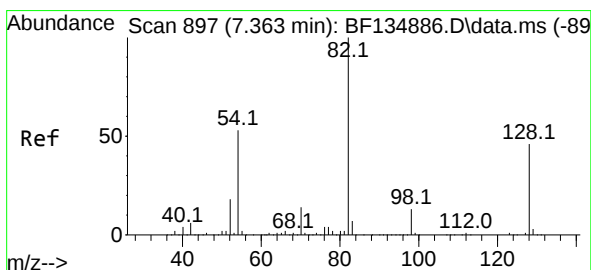
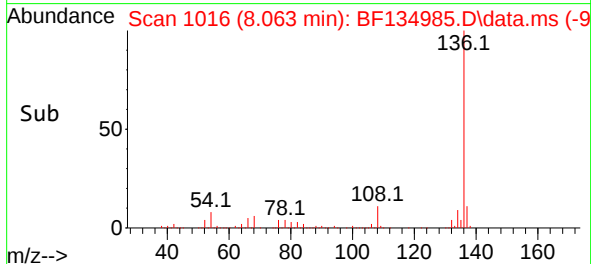
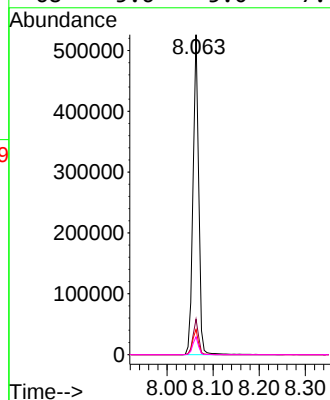
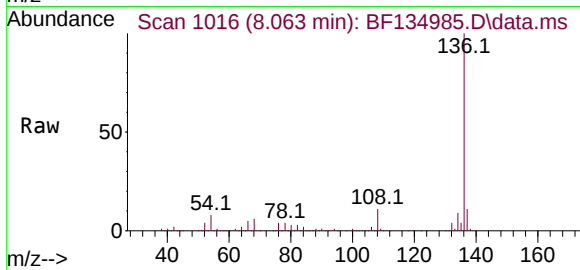
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.9 6.6 9.8

68 5.6 5.0 7.4



#23

Nitrobenzene-d5

Concen: 86.950 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF134985.D

Acq: 29 Aug 2023 15:45

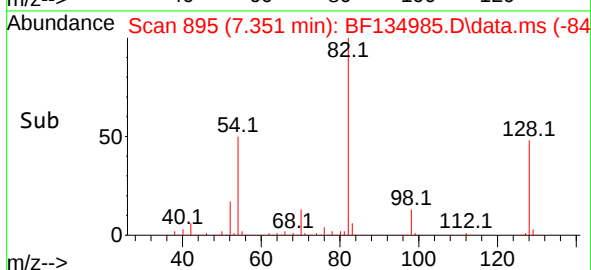
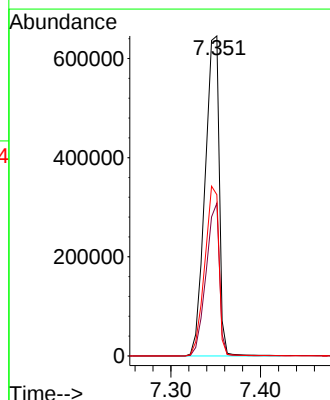
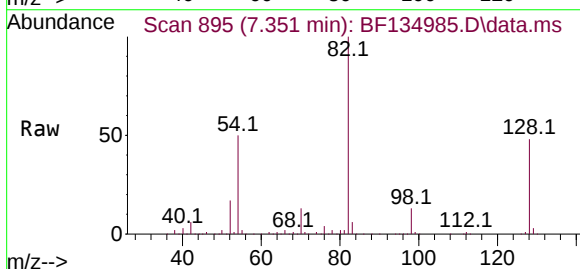
Tgt Ion: 82 Resp: 710204

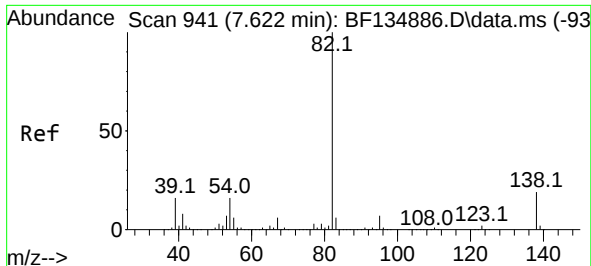
Ion Ratio Lower Upper

82 100

128 47.7 36.6 54.8

54 50.4 42.6 63.8

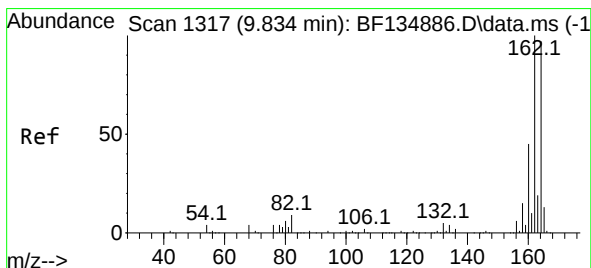
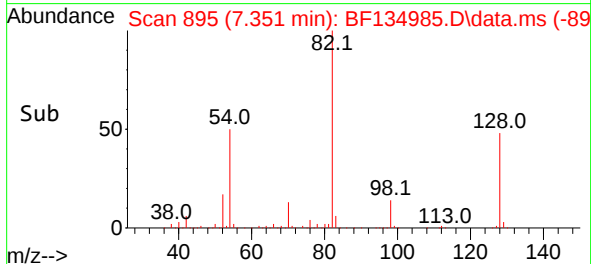
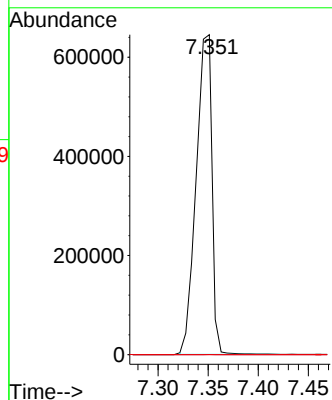
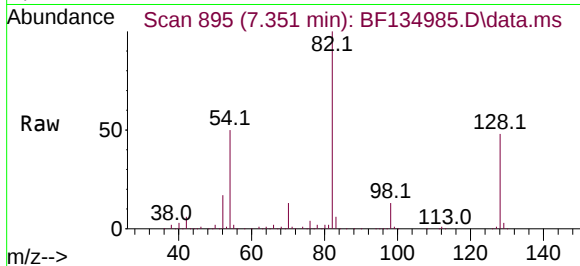




#25
Isophorone
Concen: 46.274 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

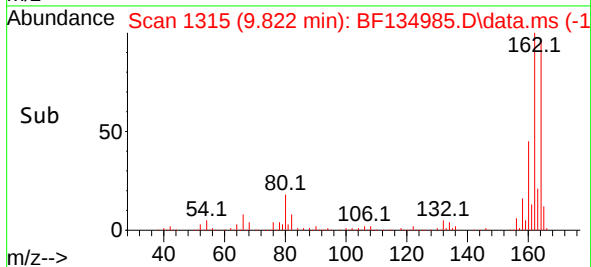
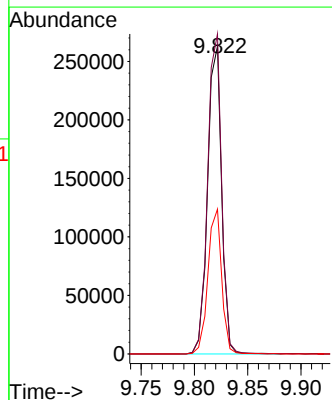
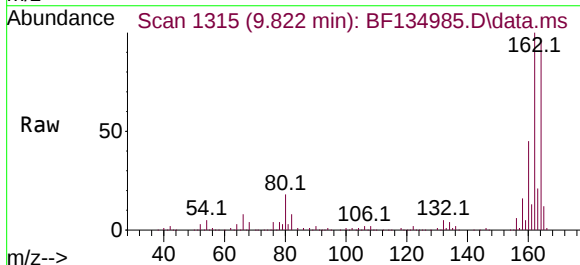
Instrument :
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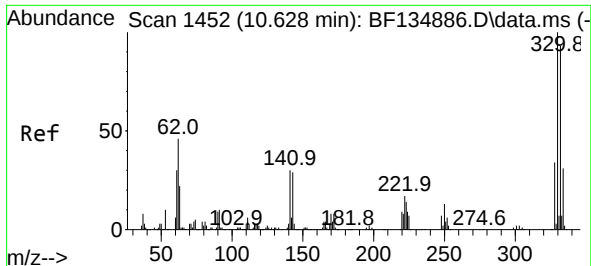
Tgt Ion: 82 Resp: 705763
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

Tgt Ion:164 Resp: 240034
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 47.0 37.0 55.4

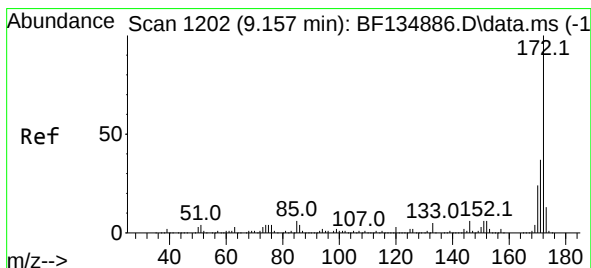
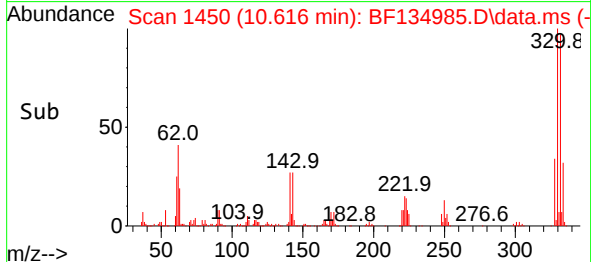
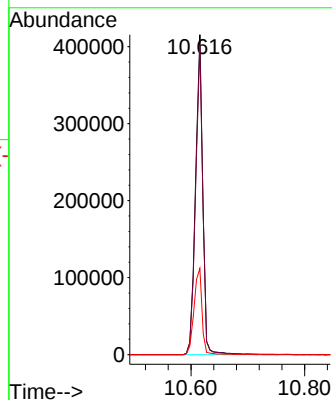
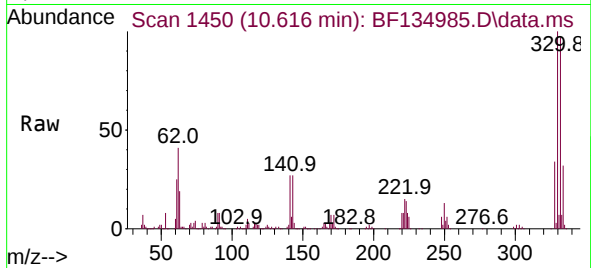




#42
2,4,6-Tribromophenol
Concen: 129.224 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

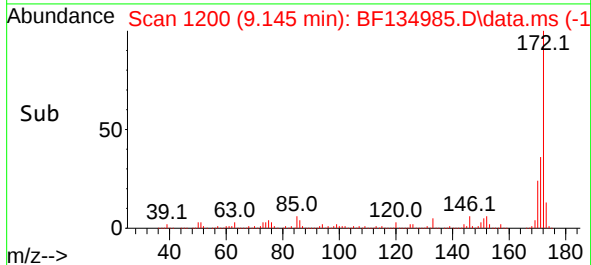
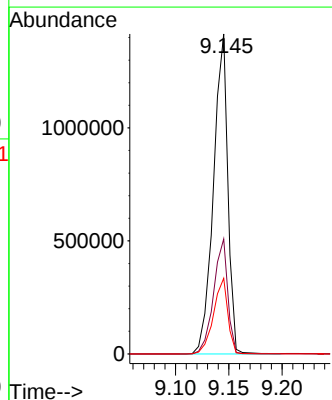
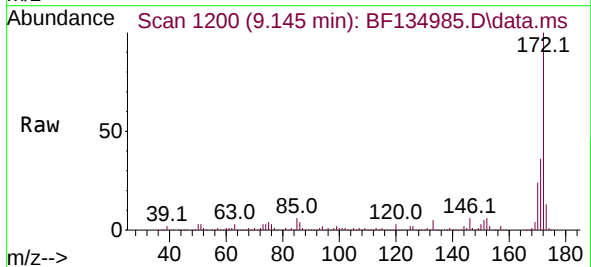
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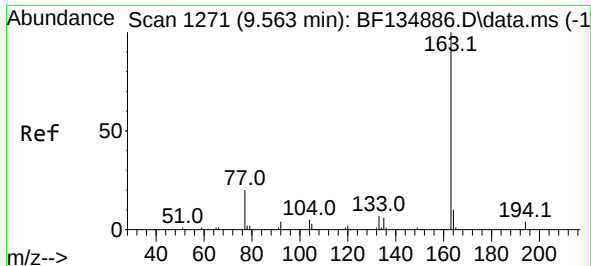
Tgt Ion: 330 Resp: 365317
Ion Ratio Lower Upper
330 100
332 96.7 76.3 114.5
141 29.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 85.770 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

Tgt Ion: 172 Resp: 1331771
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.6 19.6 29.4

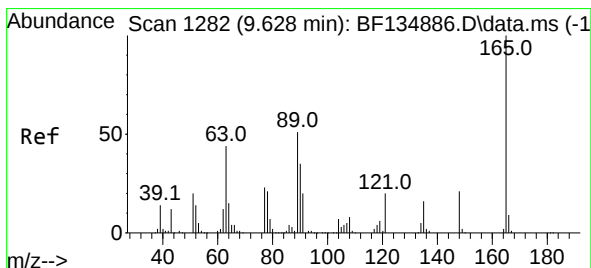
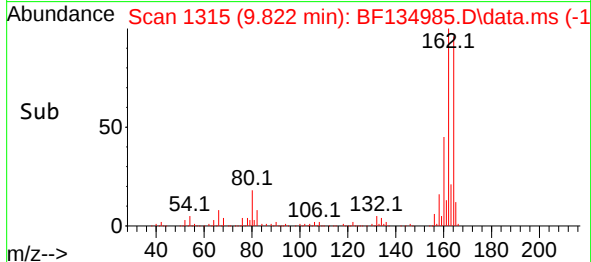
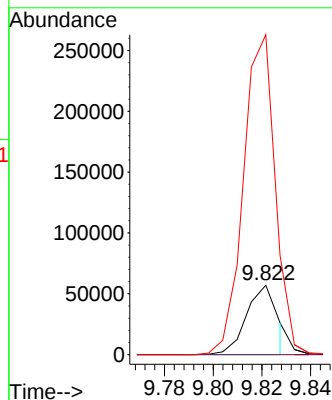
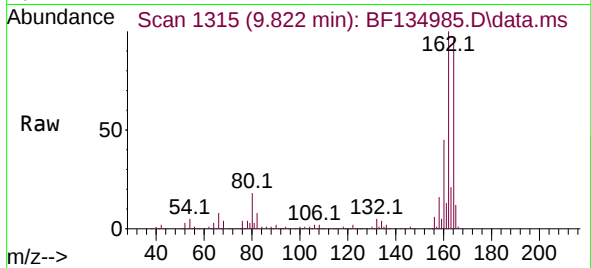




#50
Dimethylphthalate
Concen: 2.925 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

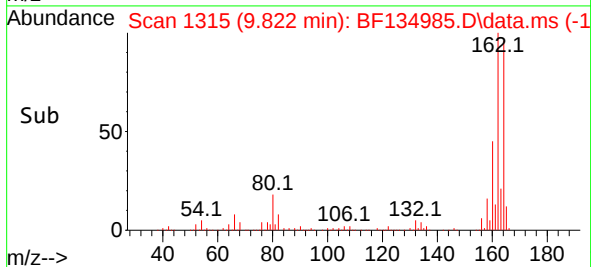
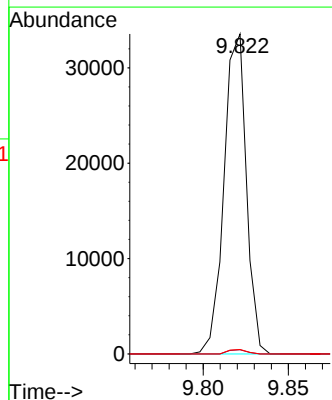
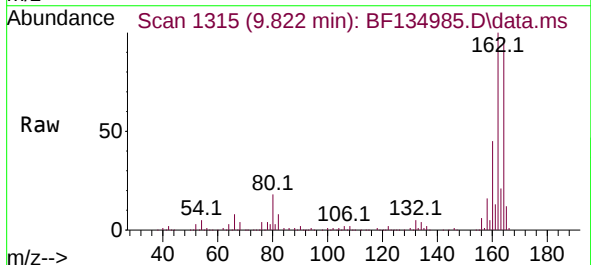
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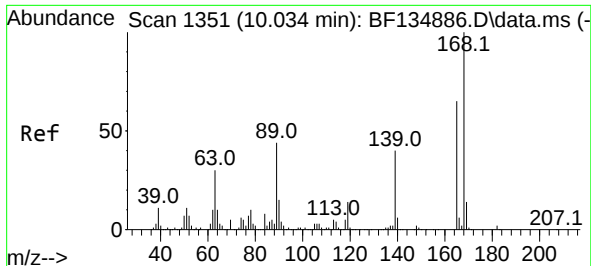
Tgt Ion:163 Resp: 49976
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 461.7 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.110 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

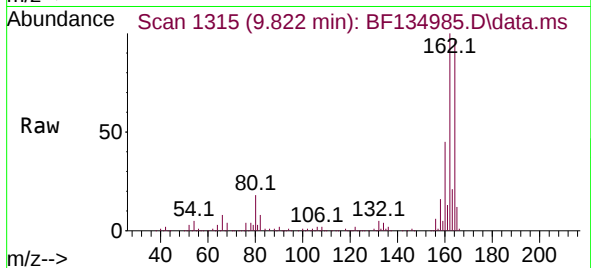
Tgt Ion:165 Resp: 30561
Ion Ratio Lower Upper
165 100
63 1.3 41.4 62.2#
89 1.4 40.9 61.3#



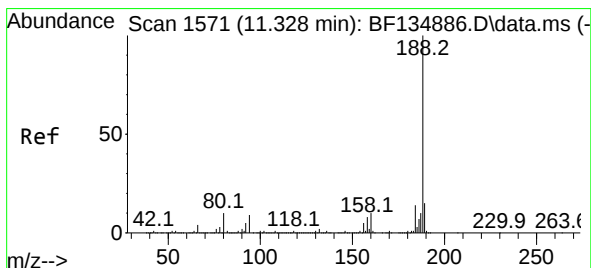
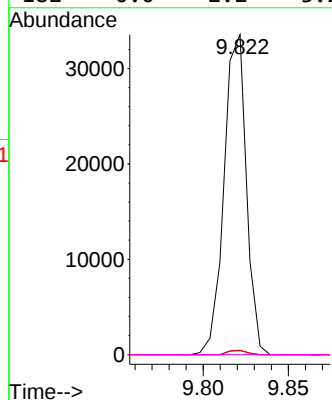
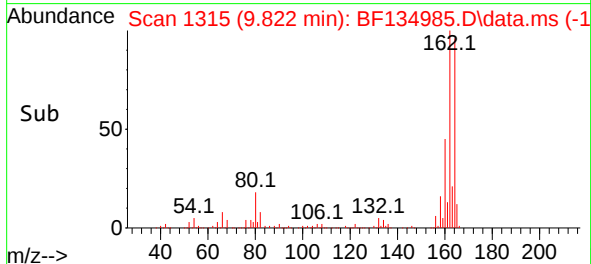


#57
2,4-Dinitrotoluene
Concen: 6.558 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.212 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

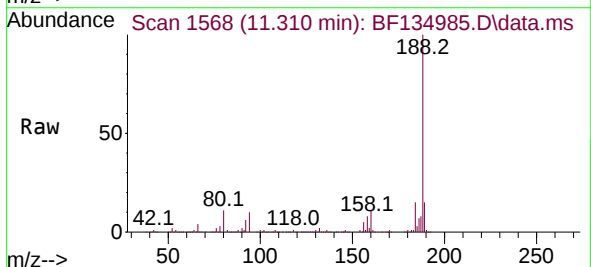
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BNA_F
ClientSampleId :
PB155081TB



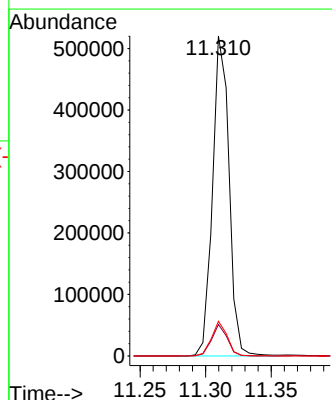
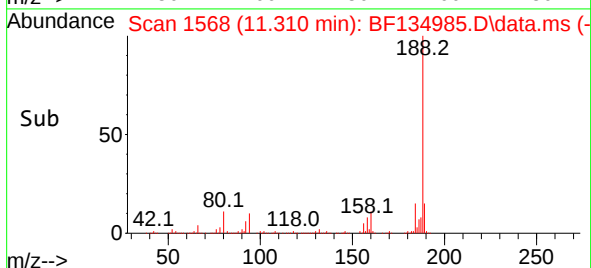
Tgt Ion:165 Resp: 30561
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.4 54.2 81.4#
182 0.0 2.2 3.2#

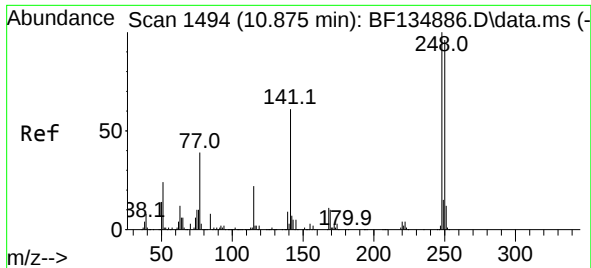


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45



Tgt Ion:188 Resp: 456477
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.8 7.8 11.6

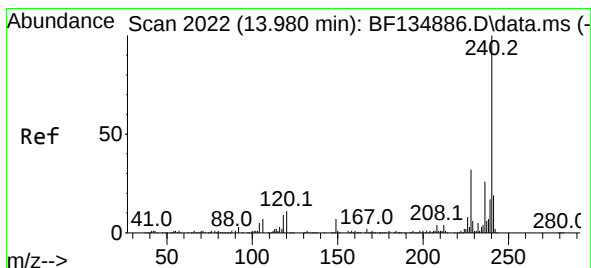
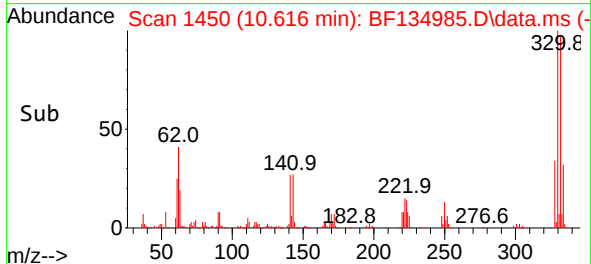
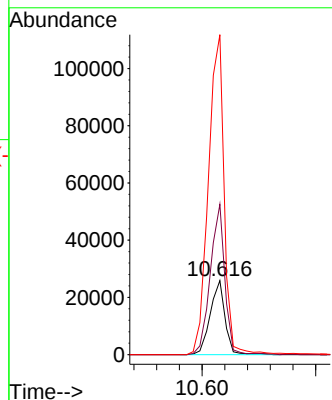
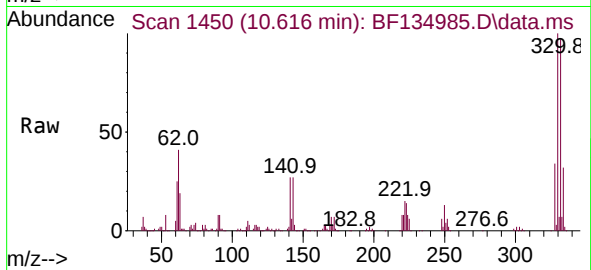




#67
4-Bromophenyl-phenylether
Concen: 4.462 ng
RT: 10.616 min Scan# 1494
Delta R.T. -0.259 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

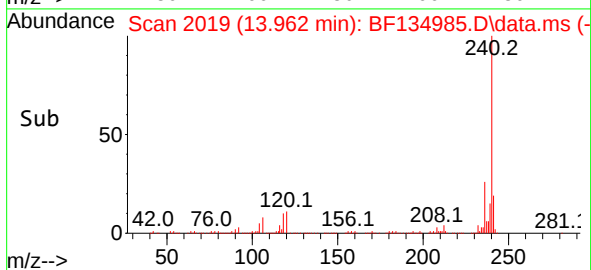
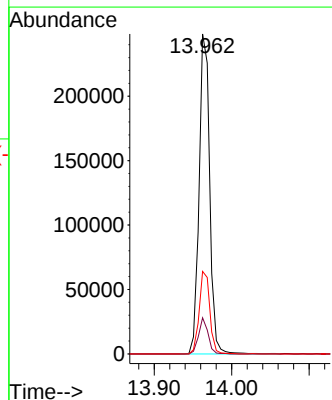
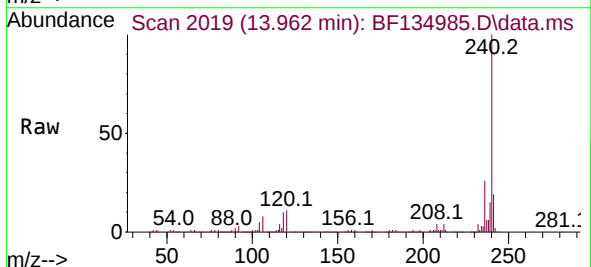
Instrument :
BNA_F
ClientSampleId :
PB155081TB

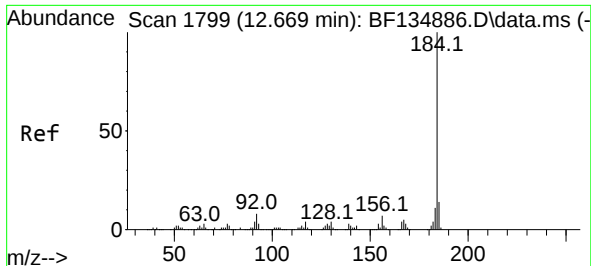
Tgt Ion:248 Resp: 23499
Ion Ratio Lower Upper
248 100
250 203.2 77.1 115.7#
141 432.3 49.0 73.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

Tgt Ion:240 Resp: 234907
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.8 20.6 31.0

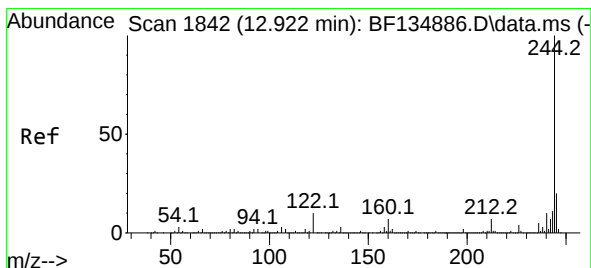
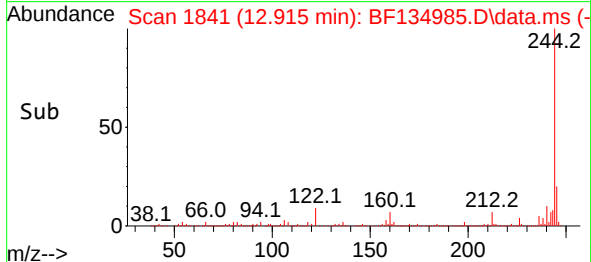
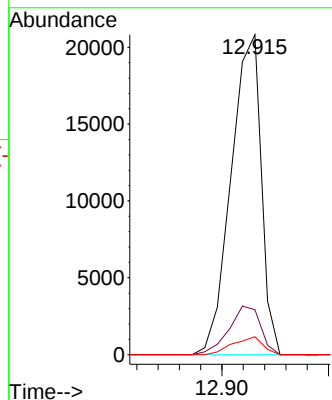
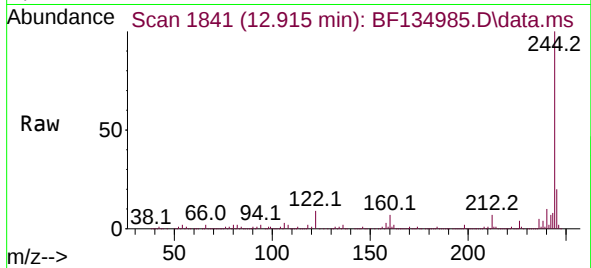




#77
Benzidine
Concen: 5.363 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.246 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

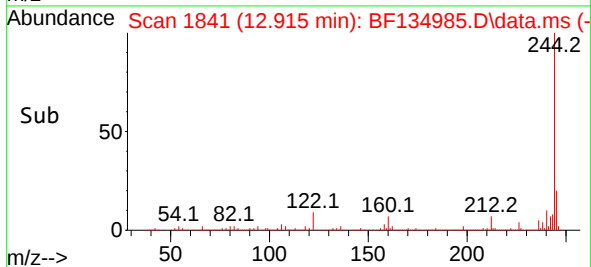
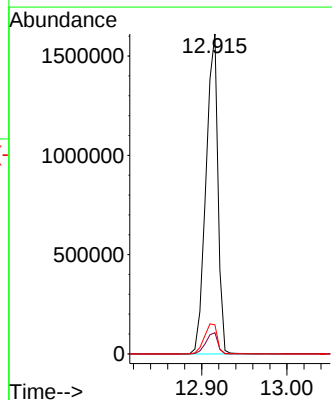
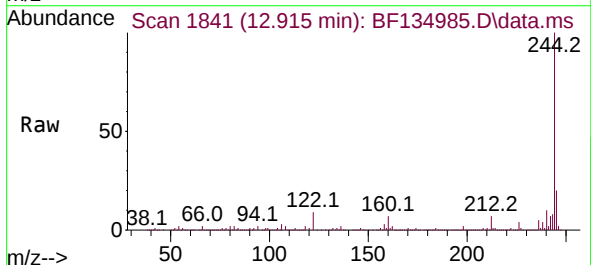
Instrument :
BNA_F
ClientSampleId :
PB155081TB

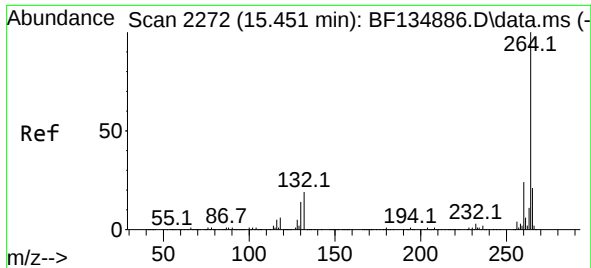
Tgt Ion:184 Resp: 20440
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 5.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 91.737 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.007 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

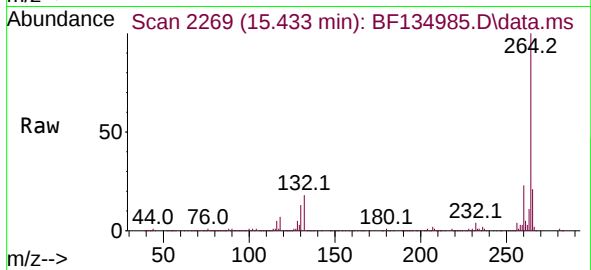
Tgt Ion:244 Resp: 1566788
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.1 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134985.D
Acq: 29 Aug 2023 15:45

Instrument :
BNA_F
ClientSampleId :
PB155081TB



Tgt Ion:264 Resp: 234590

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	21.1	17.1	25.7

