

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134987.D
 Acq On : 29 Aug 2023 16:50
 Operator : CG\JU
 Sample : PB155024TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155024TB

Quant Time: Aug 29 22:27:28 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)

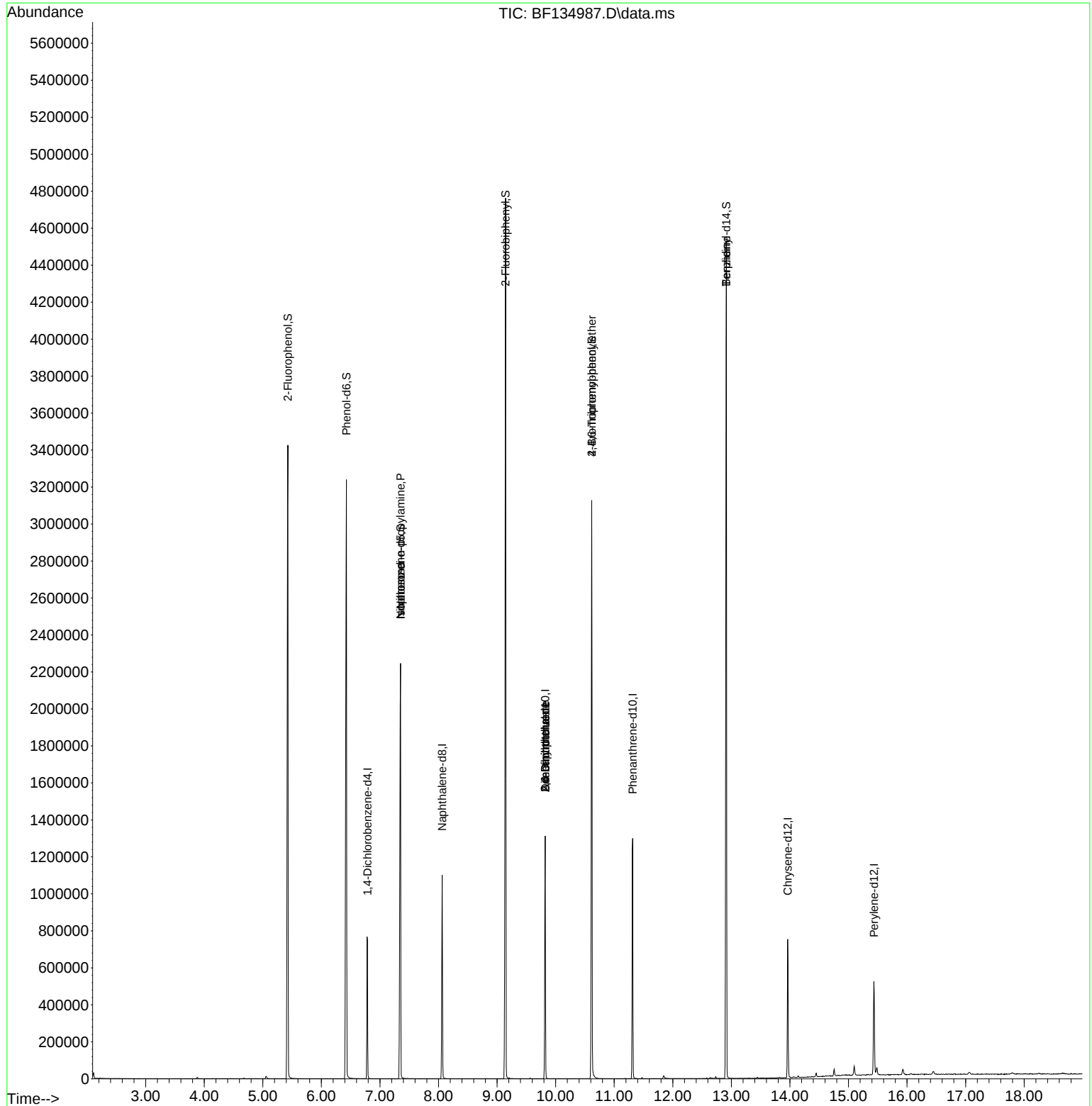
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	113530	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	475654	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	256049	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	490192	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	251984	20.000	ng	-0.02
86) Perylene-d12	15.433	264	241629	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1024420	143.891	ng	0.00
7) Phenol-d6	6.428	99	1271112	139.724	ng	-0.01
23) Nitrobenzene-d5	7.351	82	817576	94.715	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	422513	140.108	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1502087	90.688	ng	-0.01
79) Terphenyl-d14	12.915	244	1717834	93.764	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	111252	20.939	ng	# 77
25) Isophorone	7.351	82	811466	50.344	ng	# 64
50) Dimethylphthalate	9.822	163	52874	2.901	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	32410	8.062	ng	# 29
57) 2,4-Dinitrotoluene	9.822	165	32410	6.519	ng	# 25
67) 4-Bromophenyl-phenylether	10.616	248	27378	4.841	ng	# 1
77) Benzidine	12.915	184	22030	5.388	ng	# 96

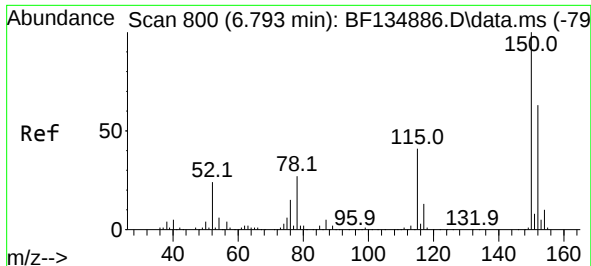
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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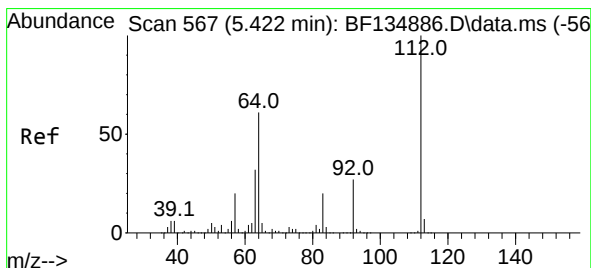
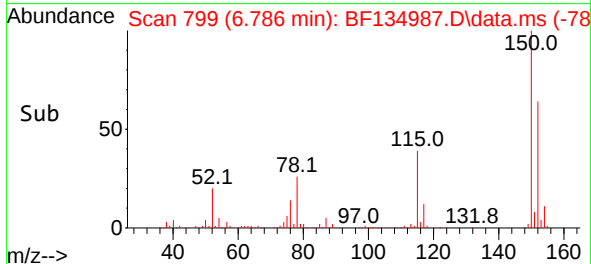
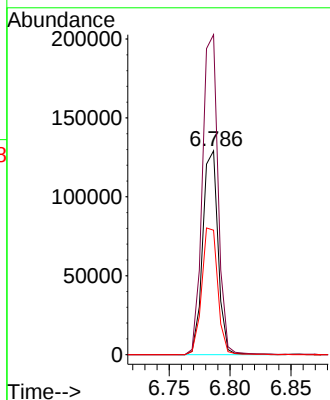
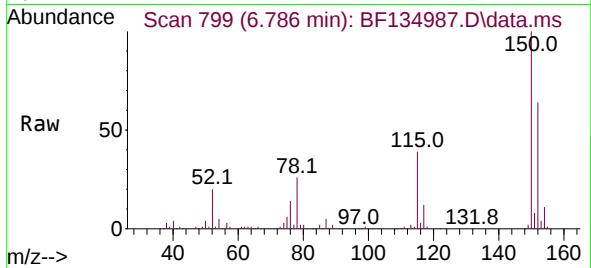




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.007 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

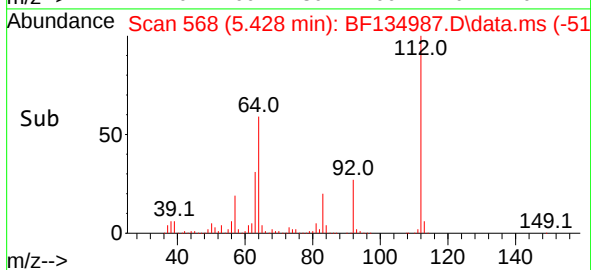
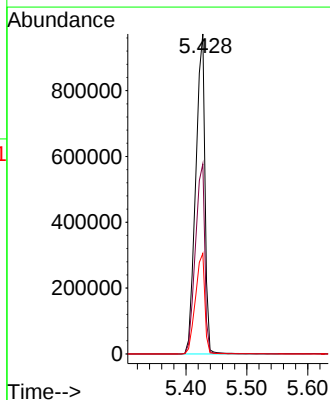
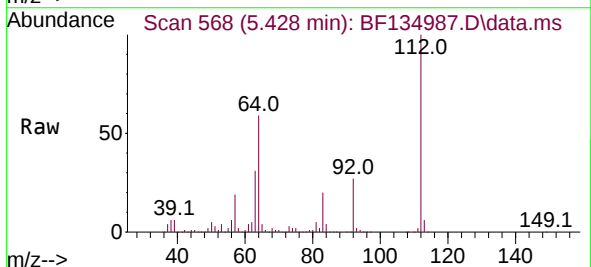
Instrument :
BNA_F
ClientSampleId :
PB155024TB

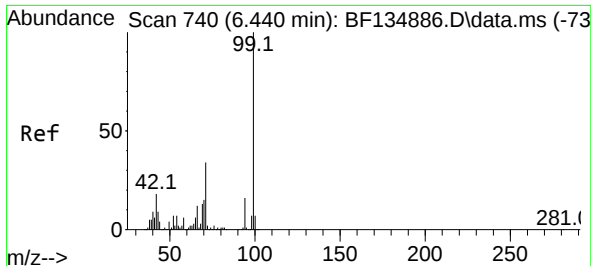
Tgt Ion:152 Resp: 113530
Ion Ratio Lower Upper
152 100
150 157.0 126.1 189.1
115 61.0 51.1 76.7



#5
2-Fluorophenol
Concen: 143.891 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

Tgt Ion:112 Resp: 1024420
Ion Ratio Lower Upper
112 100
64 59.4 48.6 73.0
63 31.4 25.7 38.5

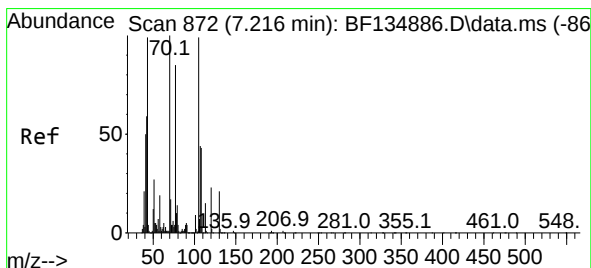
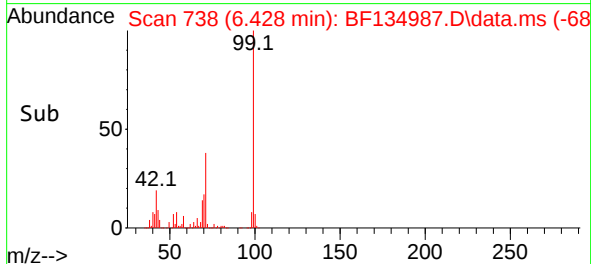
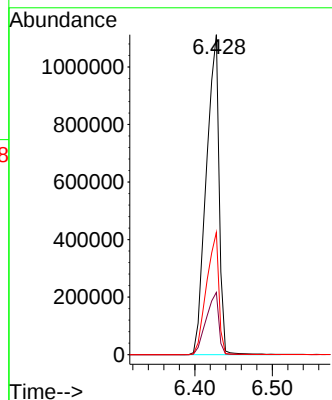
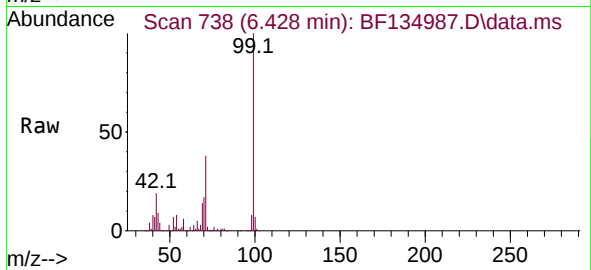




#7
Phenol-d6
Concen: 139.724 ng
RT: 6.428 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

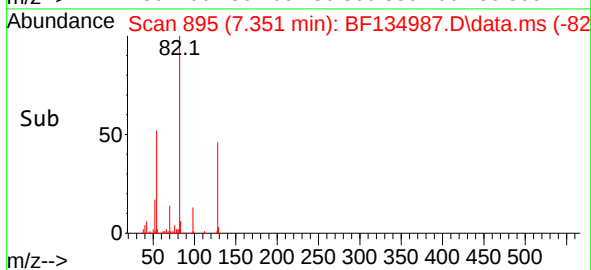
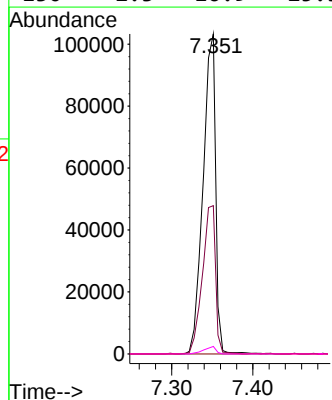
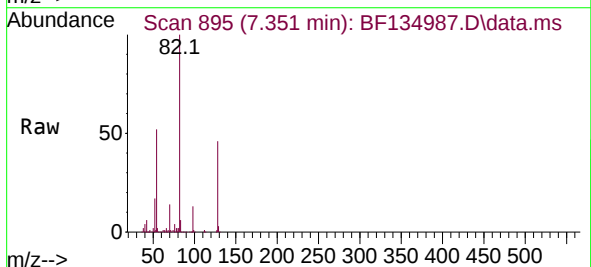
Instrument :
BNA_F
ClientSampleId :
PB155024TB

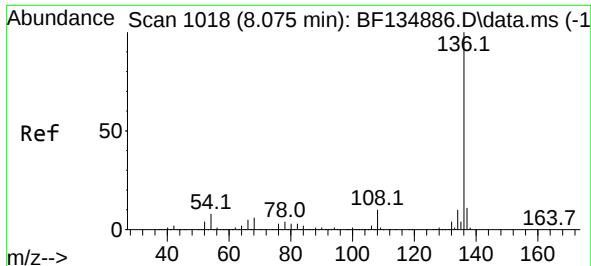
Tgt Ion: 99 Resp: 1271112
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 38.2 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.939 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

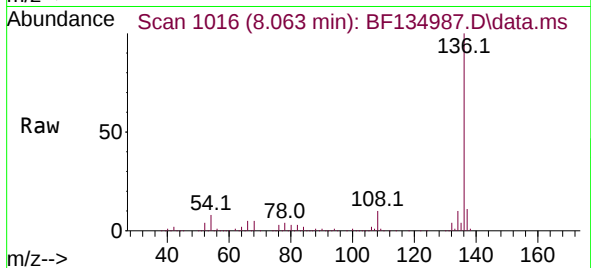
Tgt Ion: 70 Resp: 111252
Ion Ratio Lower Upper
70 100
42 46.3 46.9 70.3#
101 0.0 7.5 11.3#
130 2.3 16.9 25.3#



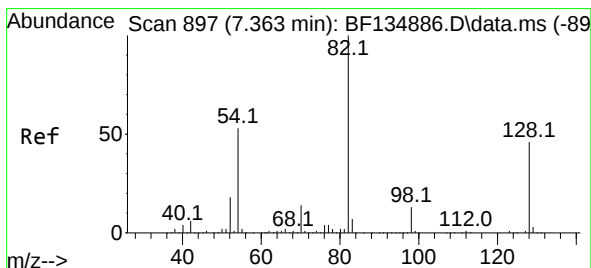
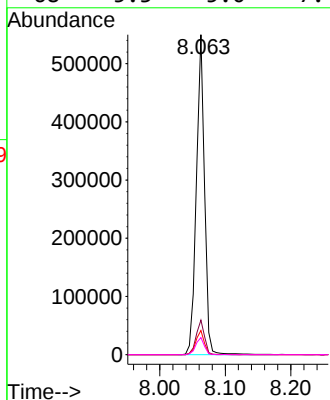
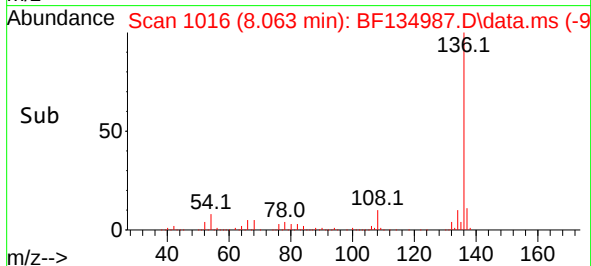


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

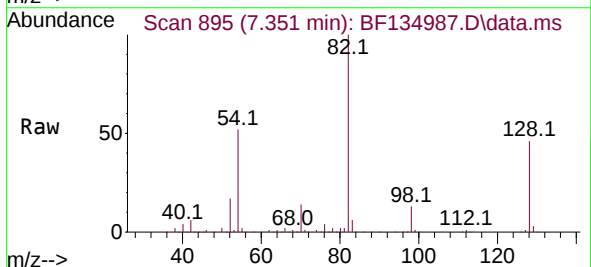
Instrument :
BNA_F
ClientSampleId :
PB155024TB



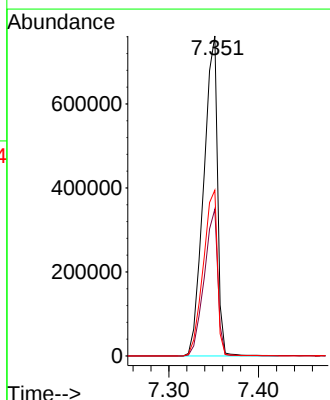
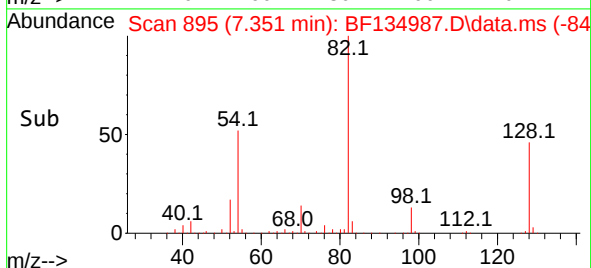
Tgt Ion:	136	Resp:	475654
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.6	9.8
68	5.3	5.0	7.4

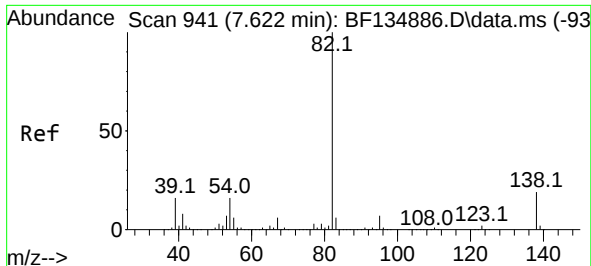


#23
Nitrobenzene-d5
Concen: 94.715 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50



Tgt Ion:	82	Resp:	817576
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.6	54.8
54	51.8	42.6	63.8

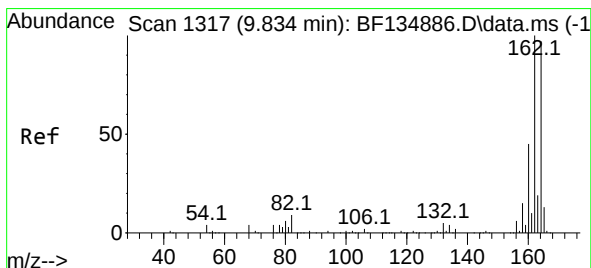
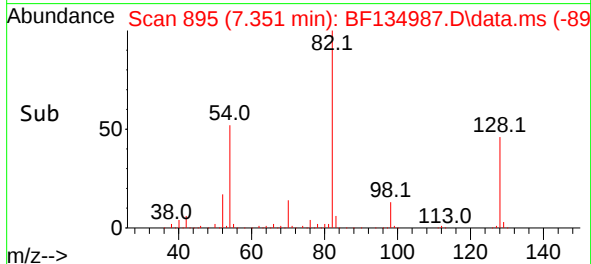
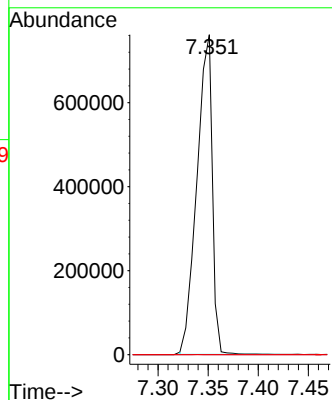
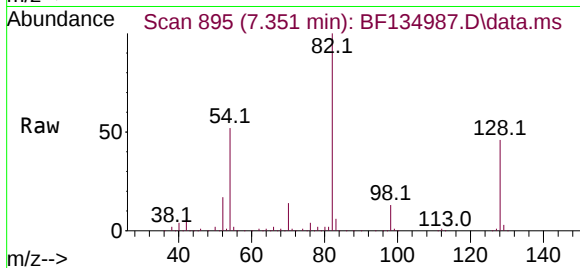




#25
Isophorone
Concen: 50.344 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

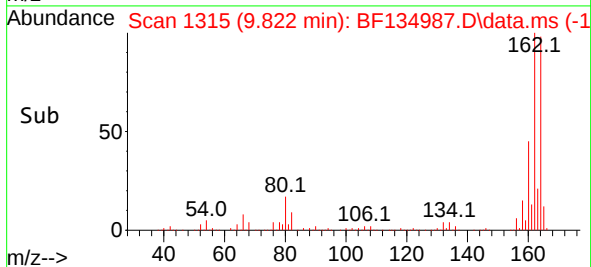
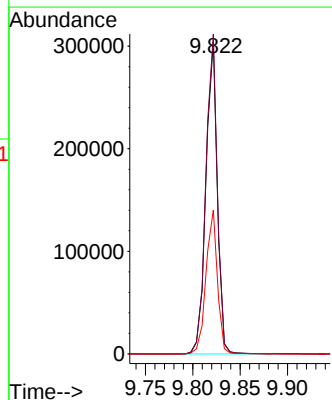
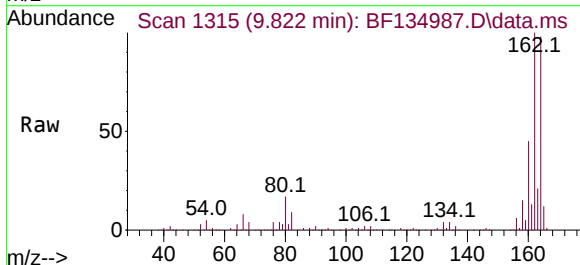
Instrument :
BNA_F
ClientSampleId :
PB155024TB

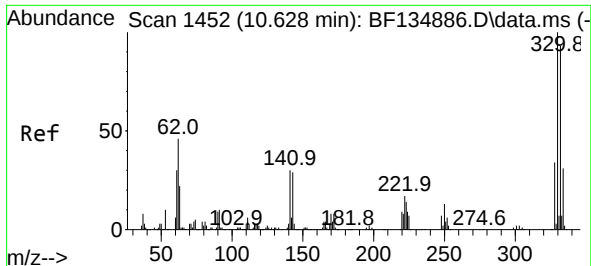
Tgt Ion: 82 Resp: 811466
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

Tgt Ion: 164 Resp: 256049
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 46.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 140.108 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134987.D

Acq: 29 Aug 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB155024TB

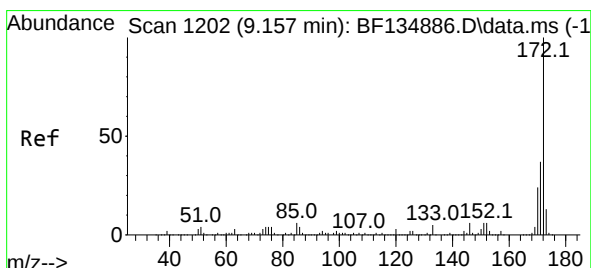
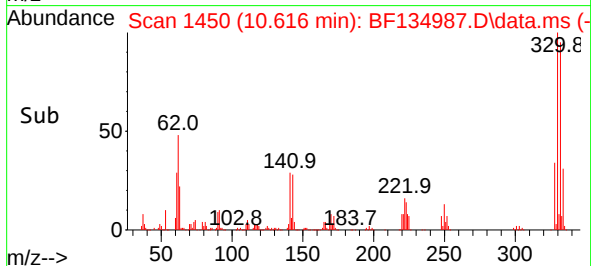
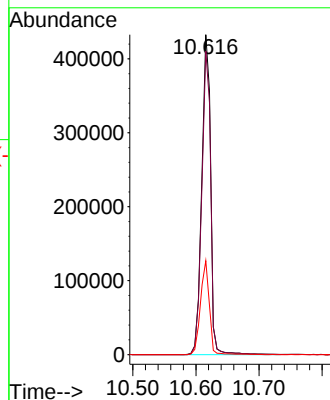
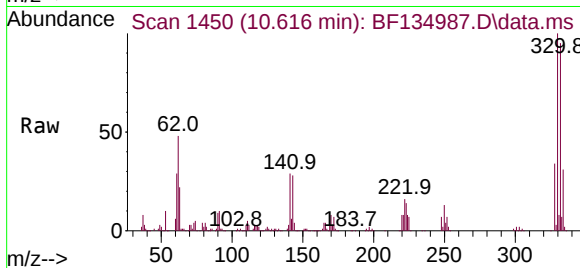
Tgt Ion:330 Resp: 422513

Ion Ratio Lower Upper

330 100

332 95.3 76.3 114.5

141 29.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 90.688 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134987.D

Acq: 29 Aug 2023 16:50

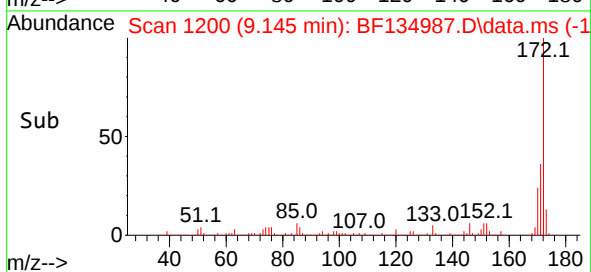
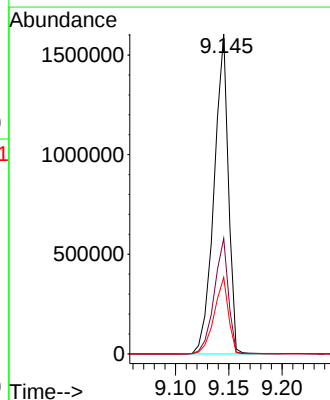
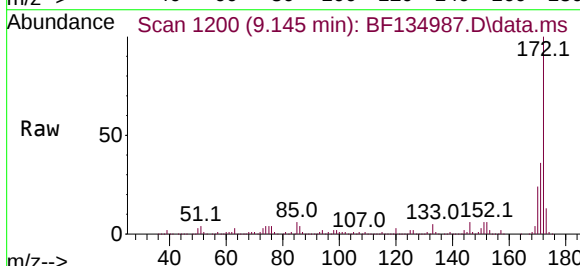
Tgt Ion:172 Resp: 1502087

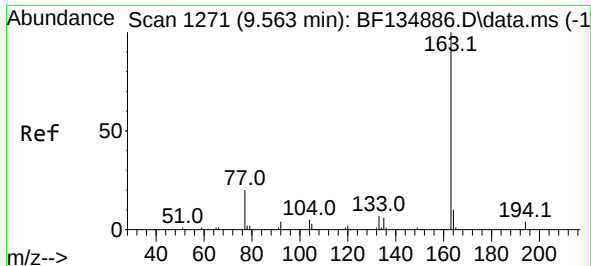
Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

170 23.9 19.6 29.4

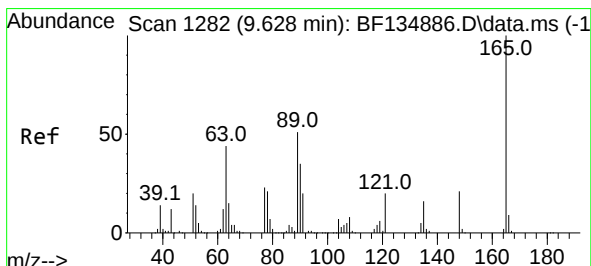
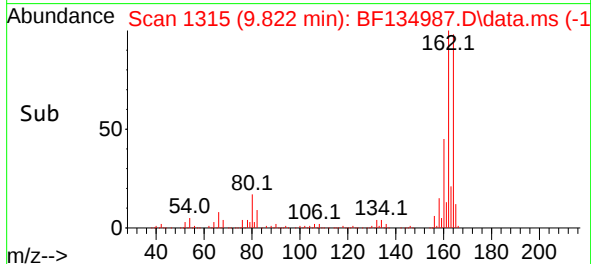
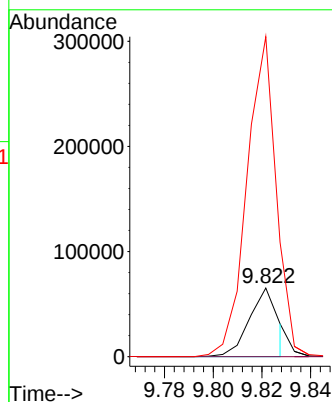
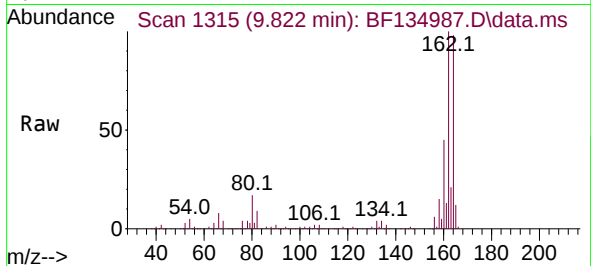




#50
Dimethylphthalate
Concen: 2.901 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

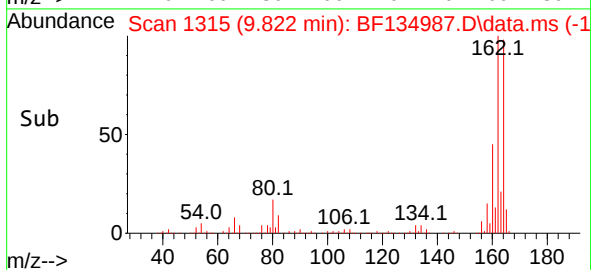
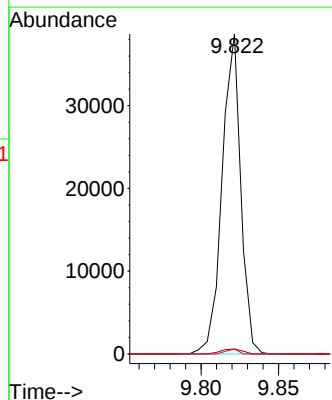
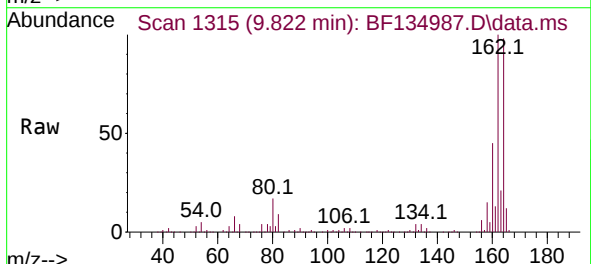
Instrument :
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PB155024TB

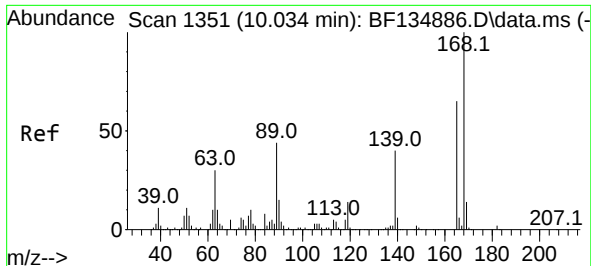
Tgt Ion:163 Resp: 52874
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 466.8 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.062 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

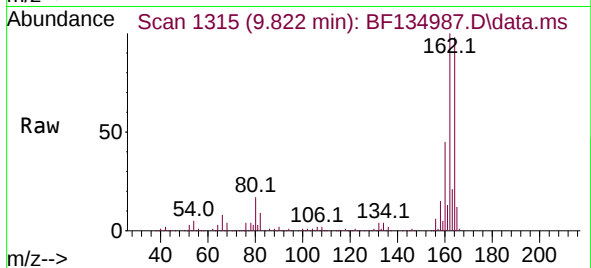
Tgt Ion:165 Resp: 32410
Ion Ratio Lower Upper
165 100
63 1.5 41.4 62.2#
89 1.5 40.9 61.3#



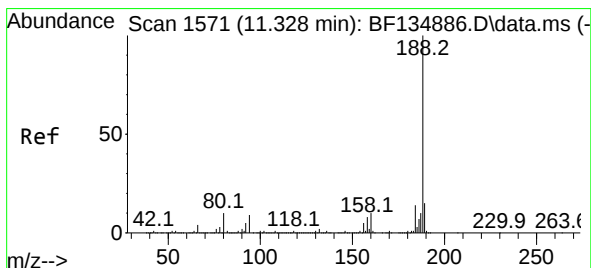
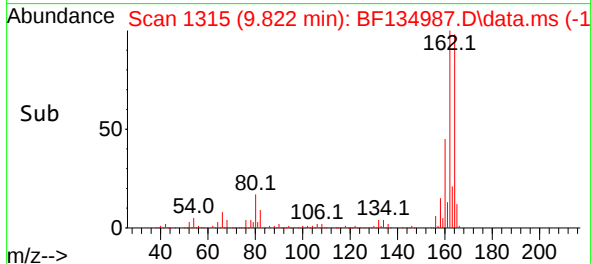
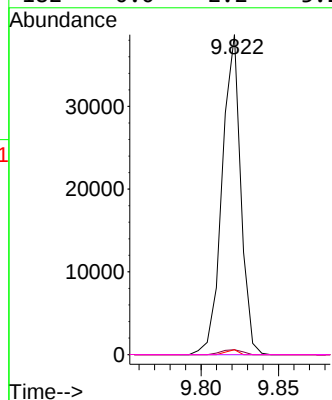


#57
2,4-Dinitrotoluene
Concen: 6.519 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.212 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

Instrument :
BNA_F
ClientSampleId :
PB155024TB

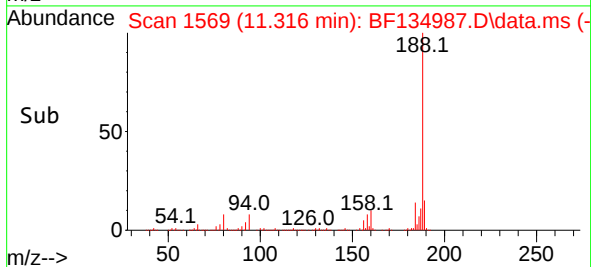
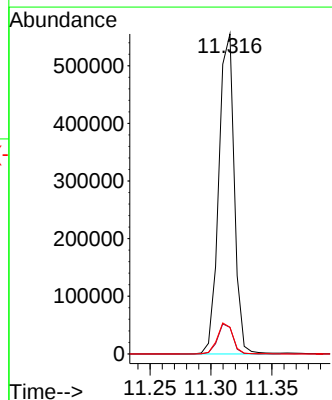
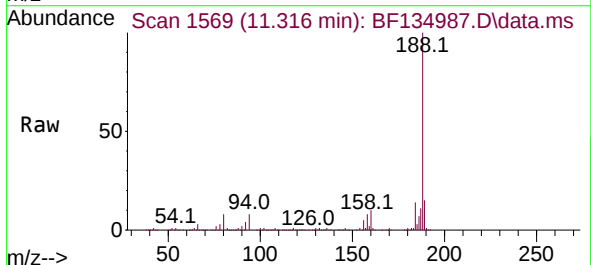


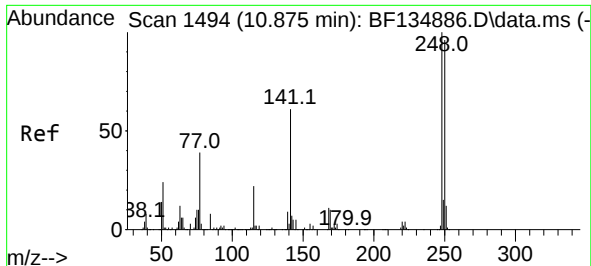
Tgt Ion:165 Resp: 32410
Ion Ratio Lower Upper
165 100
63 1.5 37.7 56.5#
89 1.5 54.2 81.4#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

Tgt Ion:188 Resp: 490192
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 8.4 7.8 11.6

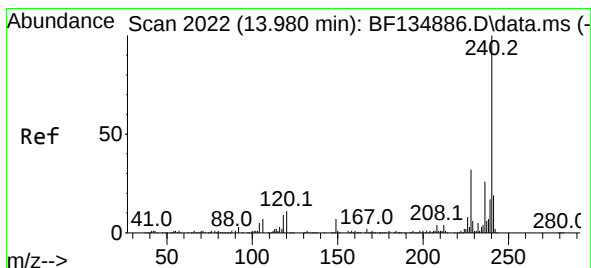
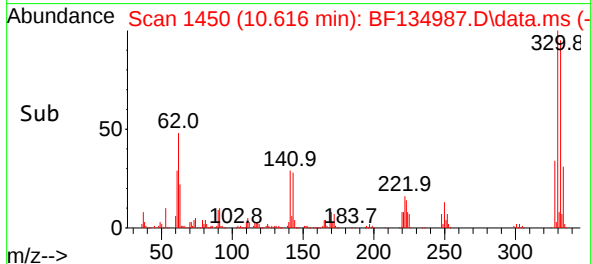
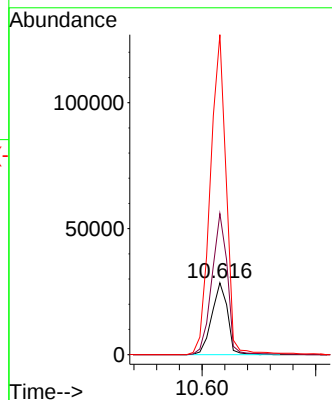
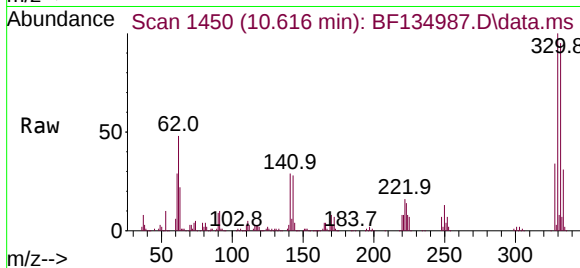




#67
4-Bromophenyl-phenylether
Concen: 4.841 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

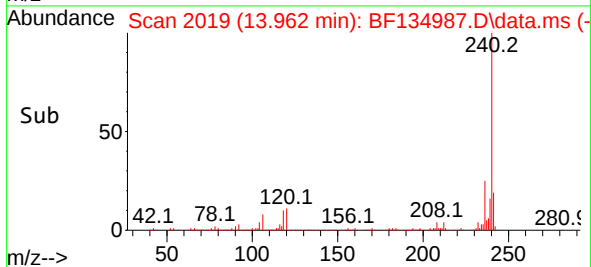
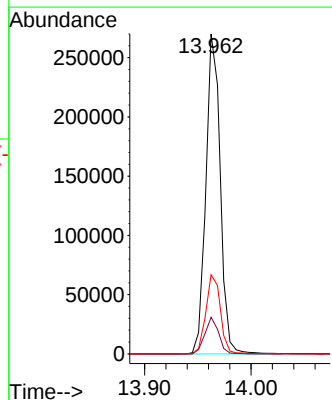
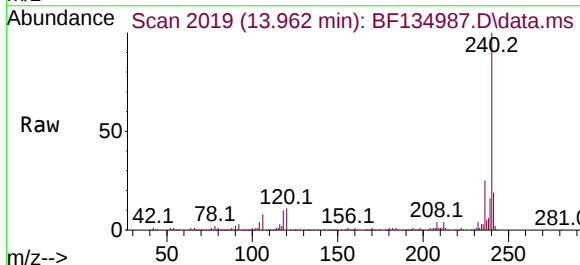
Instrument :
BNA_F
ClientSampleId :
PB155024TB

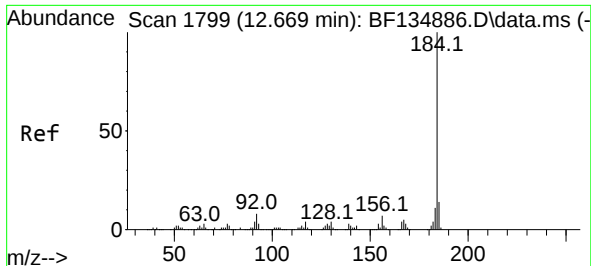
Tgt Ion:248 Resp: 27378
Ion Ratio Lower Upper
248 100
250 196.6 77.1 115.7#
141 445.9 49.0 73.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

Tgt Ion:240 Resp: 251984
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 24.7 20.6 31.0

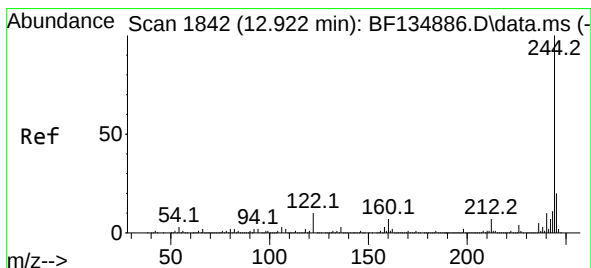
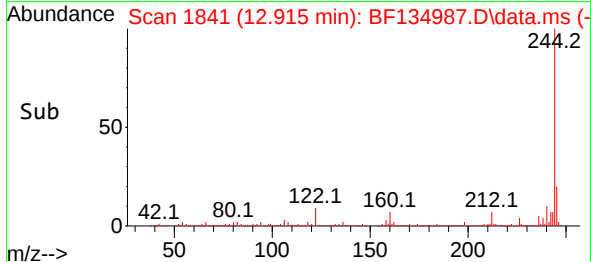
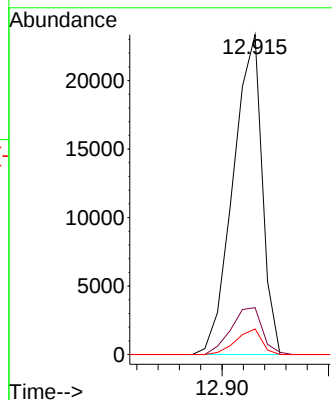
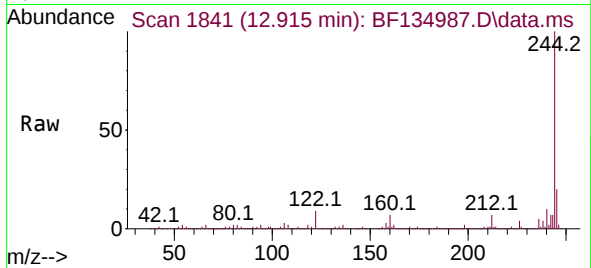




#77
Benzidine
Concen: 5.388 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.246 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

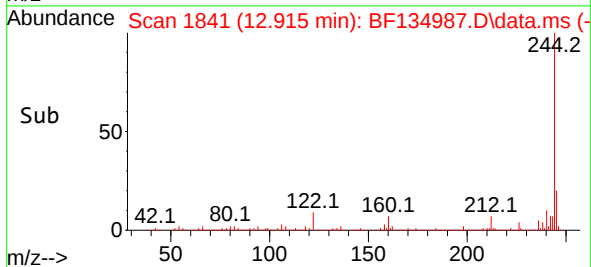
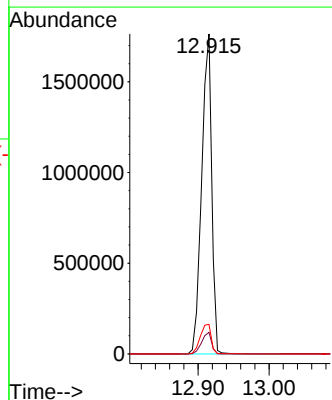
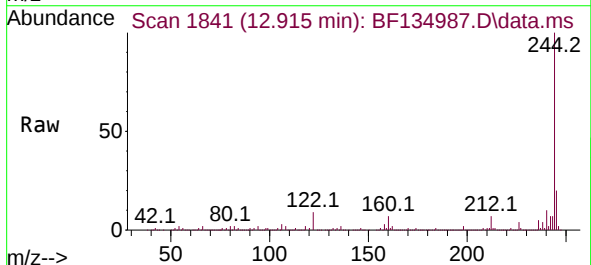
Instrument :
BNA_F
ClientSampleId :
PB155024TB

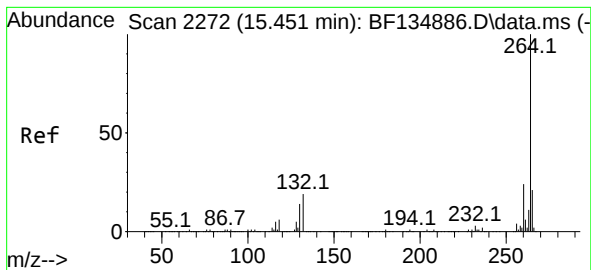
Tgt Ion:184 Resp: 22030
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.0
183 8.0 9.0 13.4#



#79
Terphenyl-d14
Concen: 93.764 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.007 min
Lab File: BF134987.D
Acq: 29 Aug 2023 16:50

Tgt Ion:244 Resp: 1717834
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 9.2 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: BF134987.D

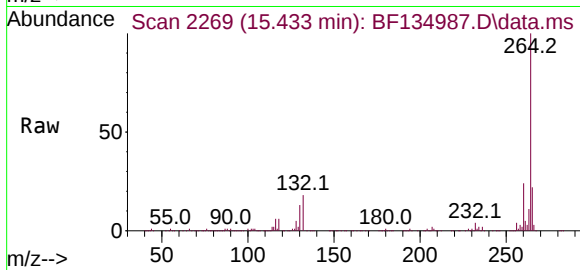
Acq: 29 Aug 2023 16:50

Instrument :

BNA_F

ClientSampleId :

PB155024TB



Tgt Ion:264 Resp: 241629

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 21.7 17.1 25.7

