

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135105.D
 Acq On : 05 Sep 2023 21:20
 Operator : CG\JU
 Sample : PB155231TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155231TB

Quant Time: Sep 06 01:57:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

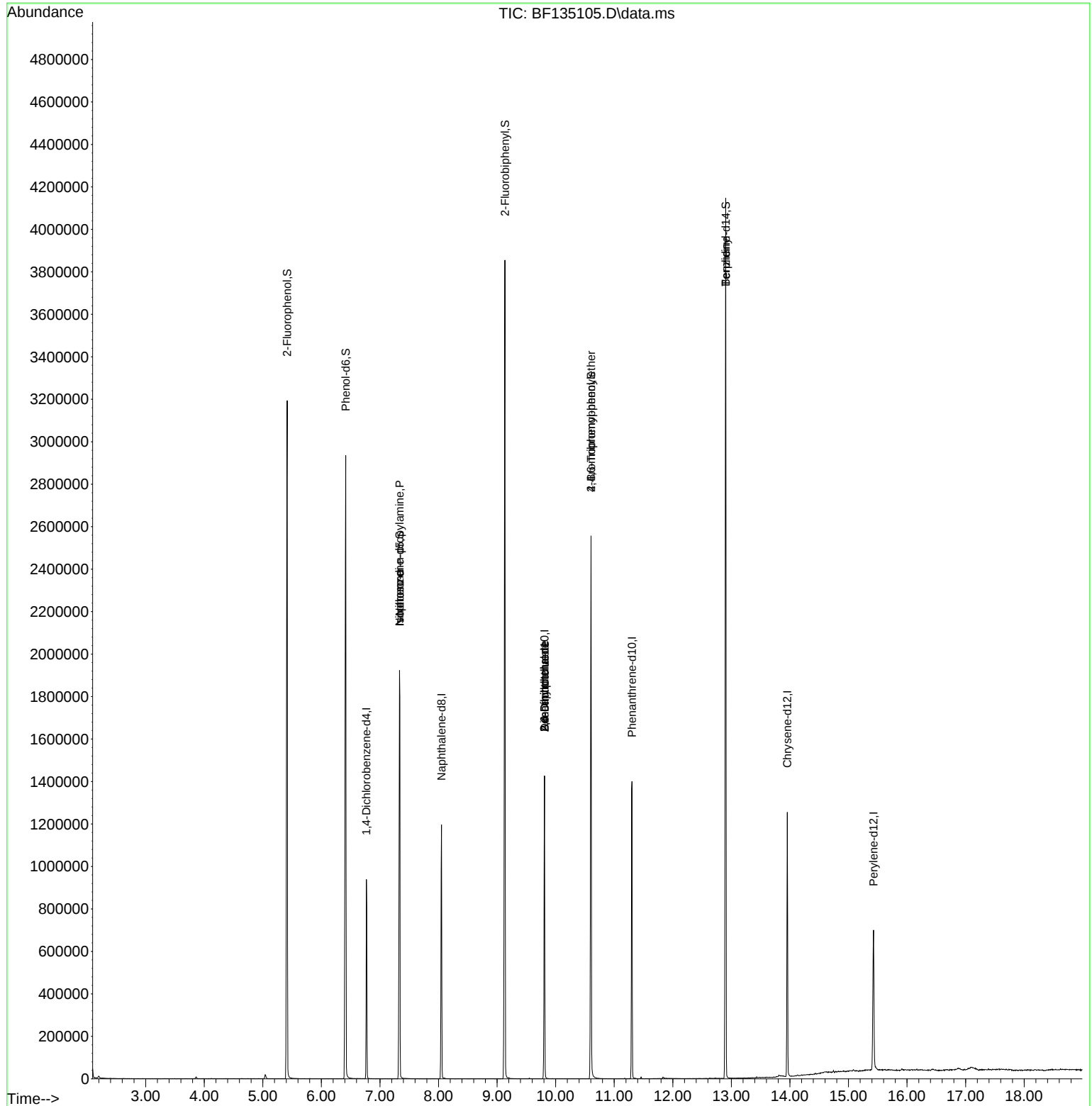
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	131321	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	548511	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	282378	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	545118	20.000	ng	0.00
76) Chrysene-d12	13.957	240	396514	20.000	ng	0.00
86) Perylene-d12	15.427	264	324824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	912938	107.381	ng	0.02
7) Phenol-d6	6.416	99	1111566	104.894	ng	0.00
23) Nitrobenzene-d5	7.333	82	716341	73.370	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	325665	108.720	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1266495	73.022	ng	0.00
79) Terphenyl-d14	12.904	244	1549744	63.782	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	97135	15.432	ng	# 78
25) Isophorone	7.333	82	716336	38.698	ng	# 65
50) Dimethylphthalate	9.810	163	58478	2.958	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	37845	8.723	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	37845	7.000	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	20580	3.559	ng	# 1
77) Benizidine	12.904	184	18190	2.545	ng	# 94

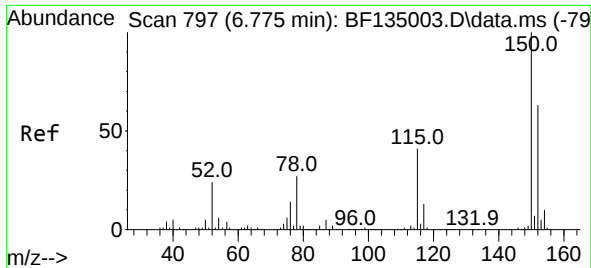
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 31 03:48:08 2023
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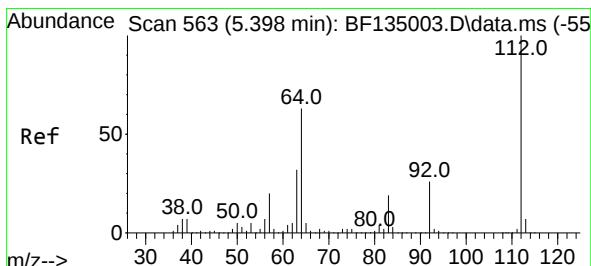
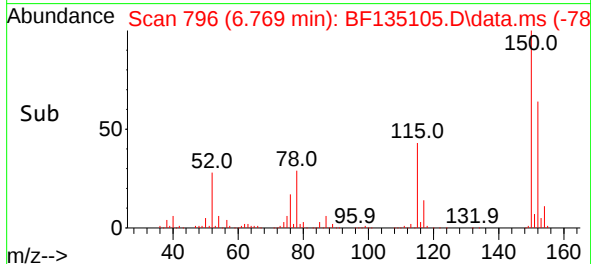
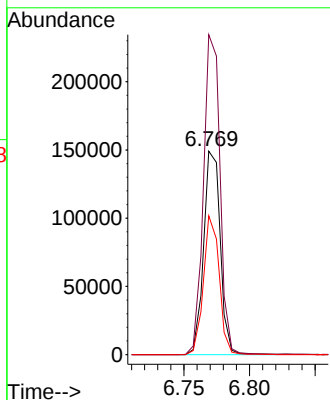
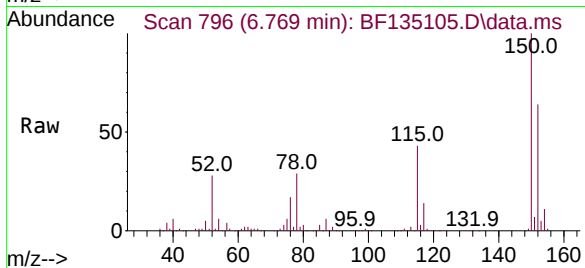




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

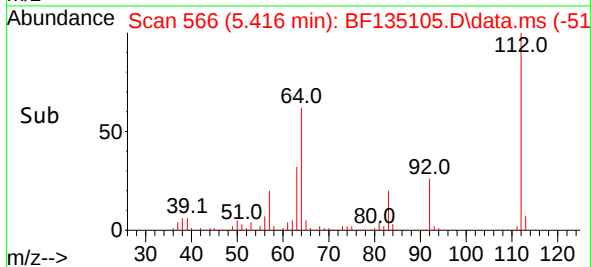
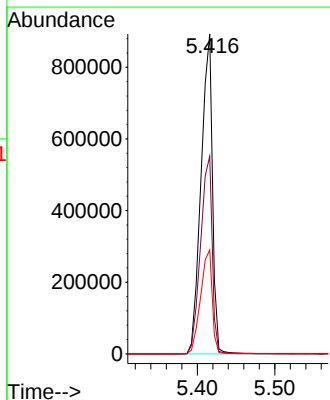
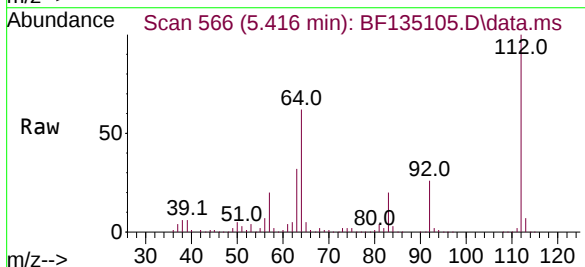
Instrument :
BNA_F
ClientSampleId :
PB155231TB

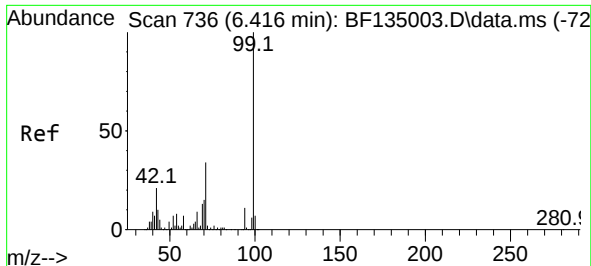
Tgt Ion:152 Resp: 131321
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.4
115 68.2 51.2 76.8



#5
2-Fluorophenol
Concen: 107.381 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

Tgt Ion:112 Resp: 912938
Ion Ratio Lower Upper
112 100
64 61.8 50.5 75.7
63 32.5 25.9 38.9



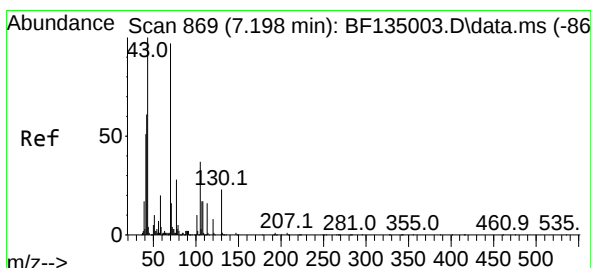
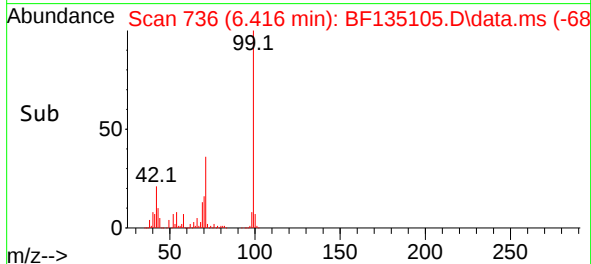
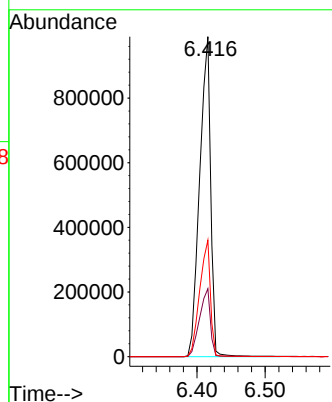
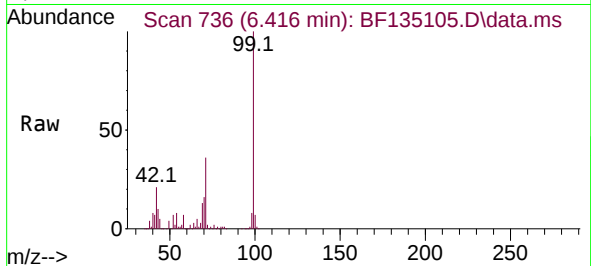


#7
Phenol-d6
Concen: 104.894 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

Instrument :
BNA_F
ClientSampleId :
PB155231TB

Tgt Ion: 99 Resp: 1111566

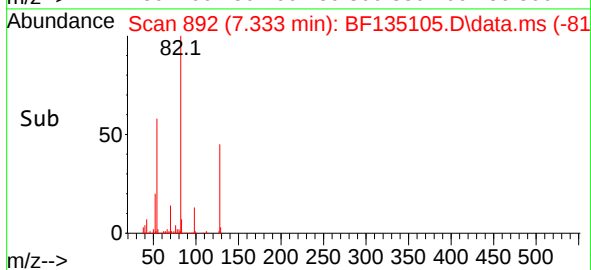
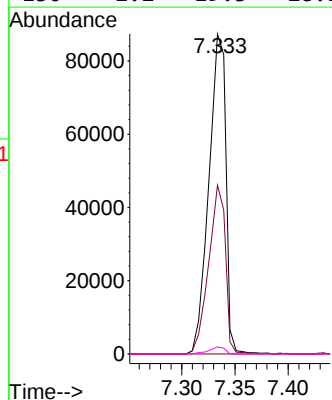
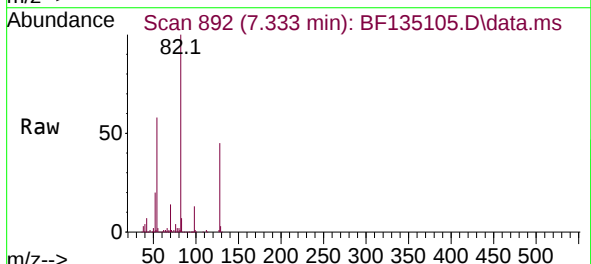
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.6	25.0
71	36.4	27.0	40.6

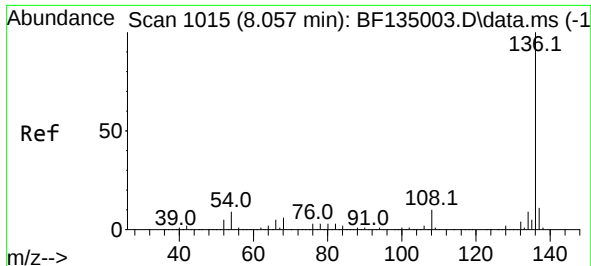


#19
n-Nitroso-di-n-propylamine
Concen: 15.432 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

Tgt Ion: 70 Resp: 97135

Ion	Ratio	Lower	Upper
70	100		
42	52.7	50.2	75.4
101	0.0	8.1	12.1#
130	2.2	19.3	28.9#

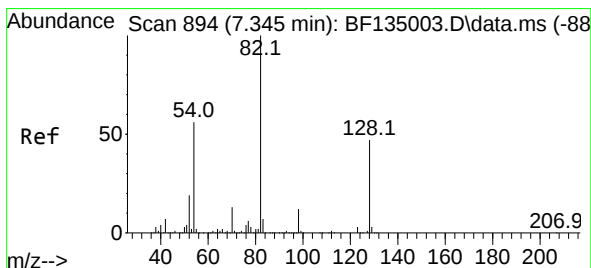
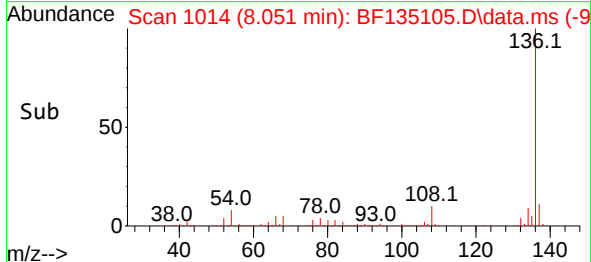
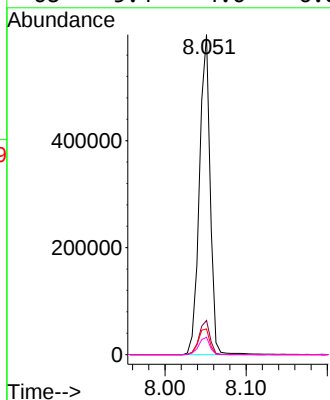
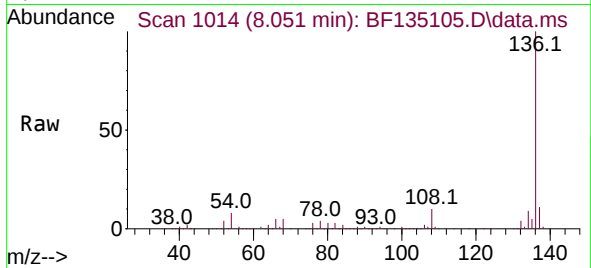




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

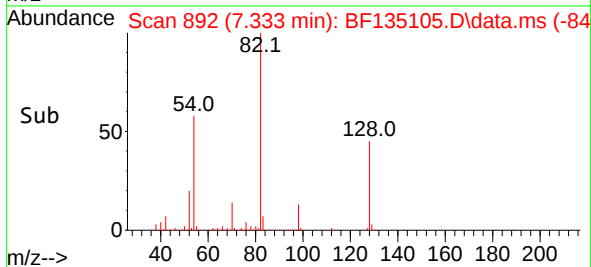
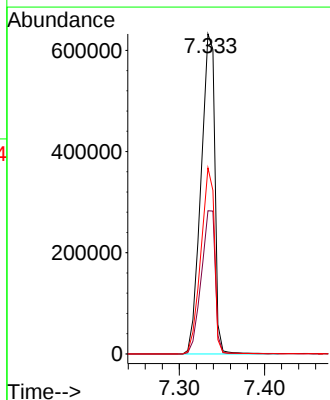
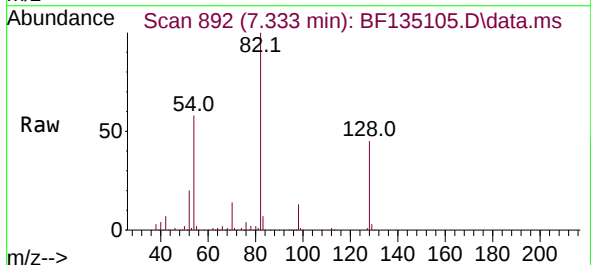
Instrument :
BNA_F
ClientSampleId :
PB155231TB

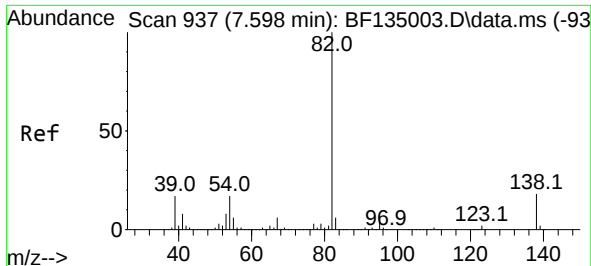
Tgt Ion:136	Resp: 548511
Ion Ratio	Lower Upper
136	100
137	10.7 8.8 13.2
54	8.0 7.0 10.4
68	5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 73.370 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

Tgt Ion: 82	Resp: 716341
Ion Ratio	Lower Upper
82	100
128	44.7 37.8 56.8
54	58.1 45.0 67.6





#25

Isophorone

Concen: 38.698 ng

RT: 7.333 min Scan# 89

Delta R.T. -0.265 min

Lab File: BF135105.D

Acq: 05 Sep 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB155231TB

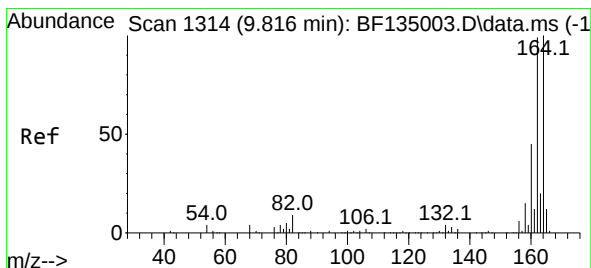
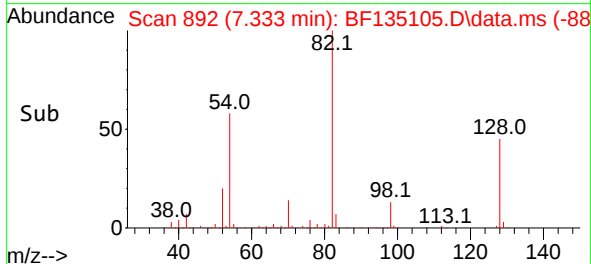
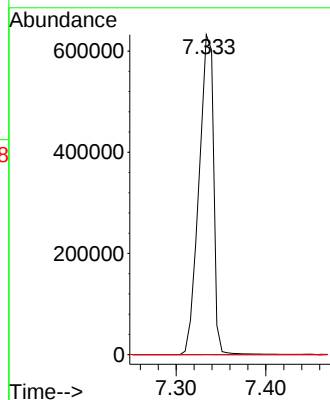
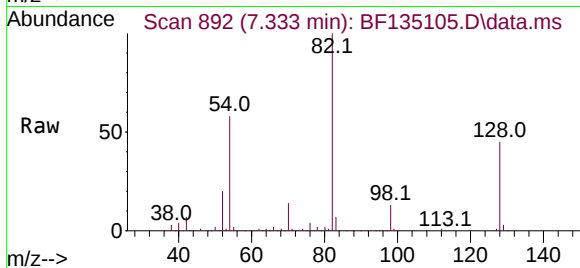
Tgt Ion: 82 Resp: 716336

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.7 22.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135105.D

Acq: 05 Sep 2023 21:20

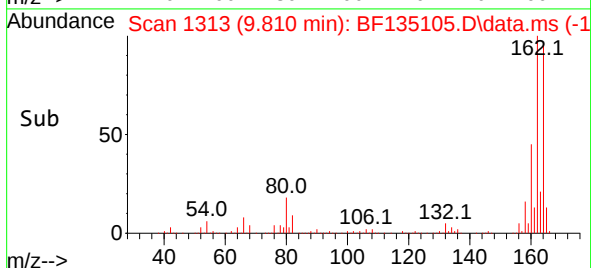
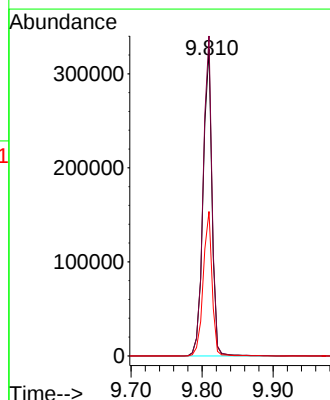
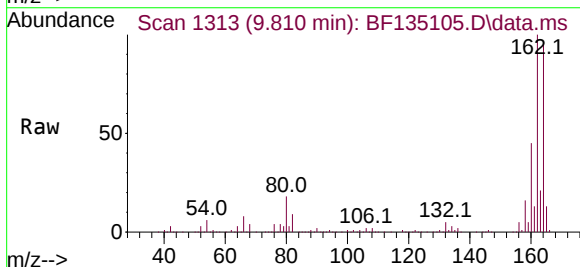
Tgt Ion: 164 Resp: 282378

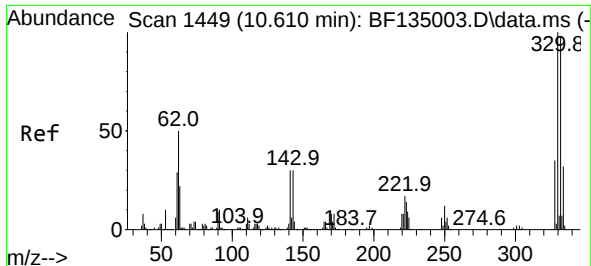
Ion Ratio Lower Upper

164 100

162 104.3 79.5 119.3

160 47.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 108.720 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135105.D

Acq: 05 Sep 2023 21:20

Instrument :

BNA_F

ClientSampleId :

PB155231TB

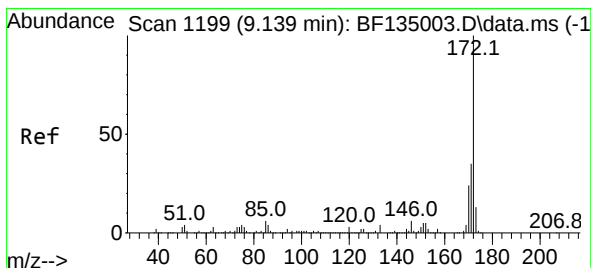
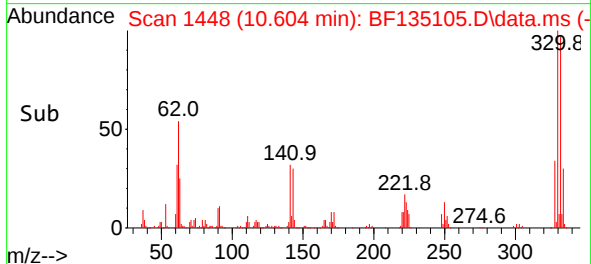
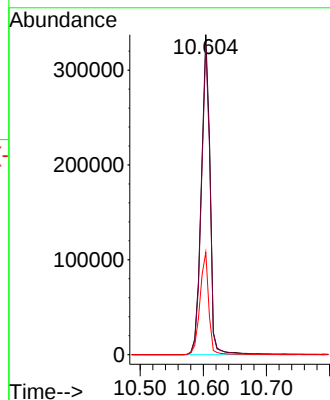
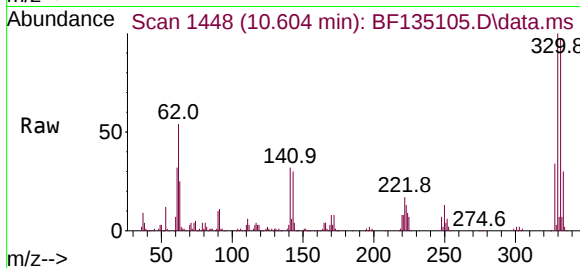
Tgt Ion:330 Resp: 325665

Ion Ratio Lower Upper

330 100

332 95.9 77.6 116.4

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 73.022 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135105.D

Acq: 05 Sep 2023 21:20

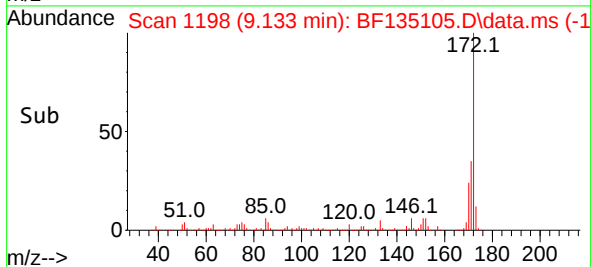
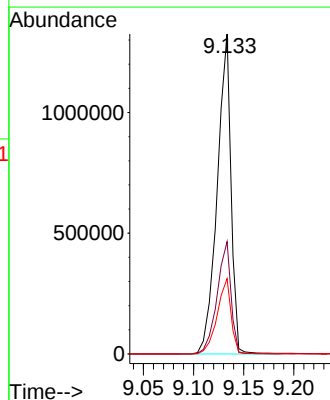
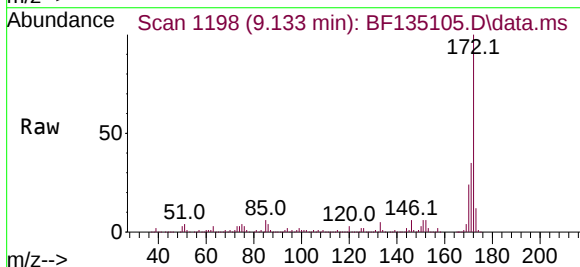
Tgt Ion:172 Resp: 1266495

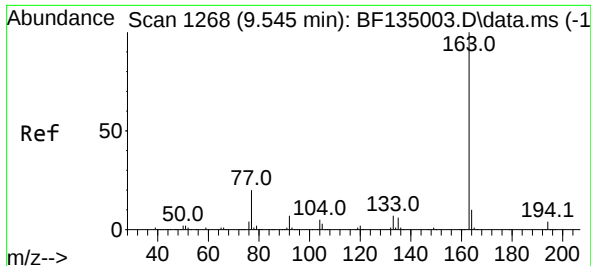
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.5 19.0 28.4

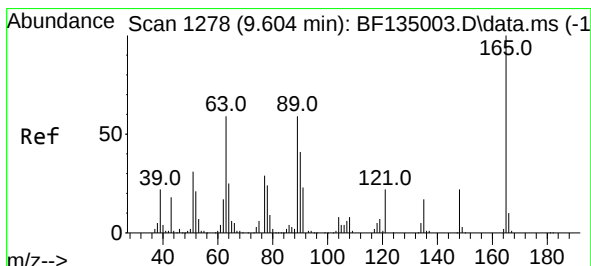
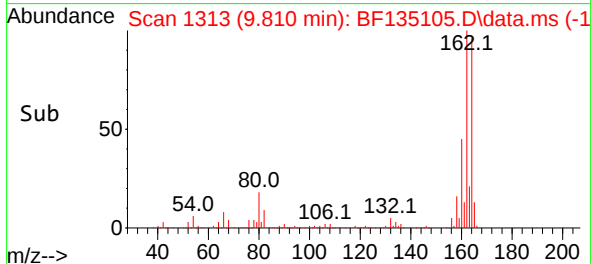
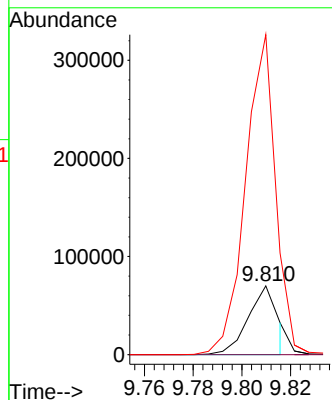
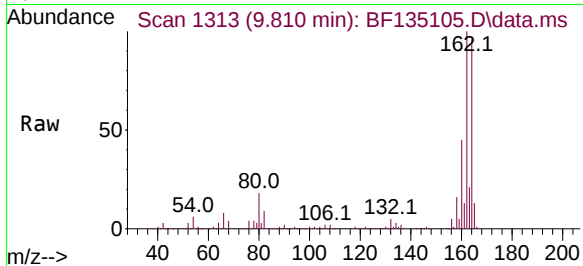




#50
Dimethylphthalate
Concen: 2.958 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.265 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

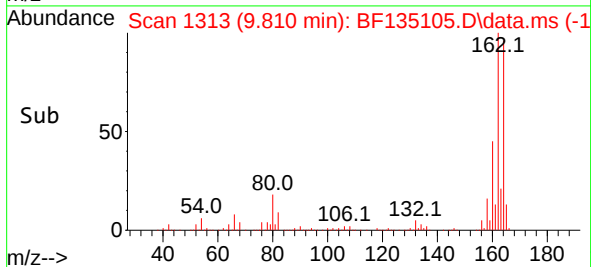
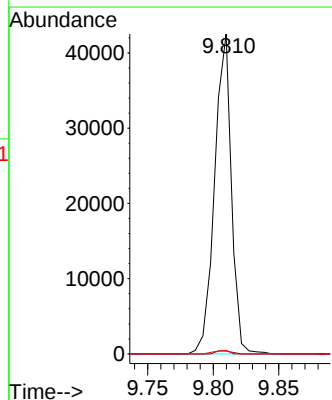
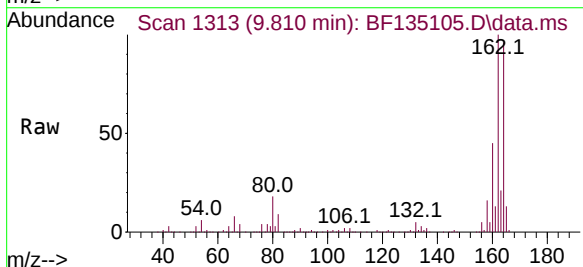
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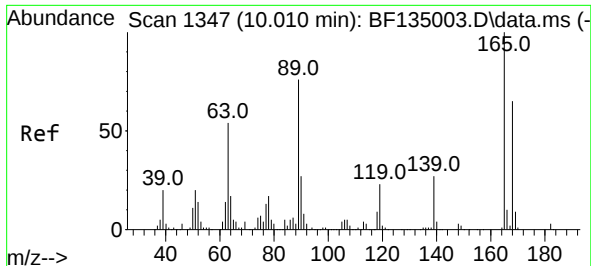
Tgt Ion:163 Resp: 58478
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 465.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.723 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

Tgt Ion:165 Resp: 37845
Ion Ratio Lower Upper
165 100
63 0.9 50.4 75.6#
89 1.1 47.1 70.7#

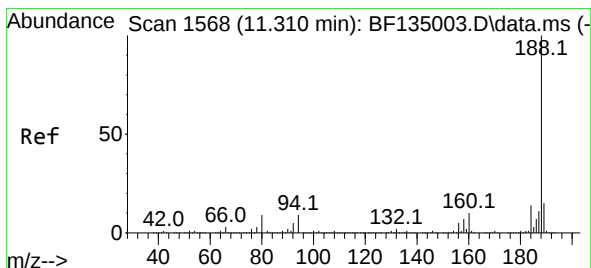
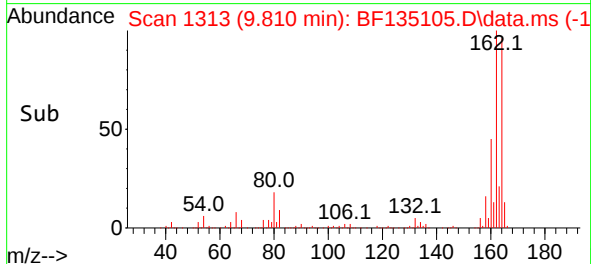
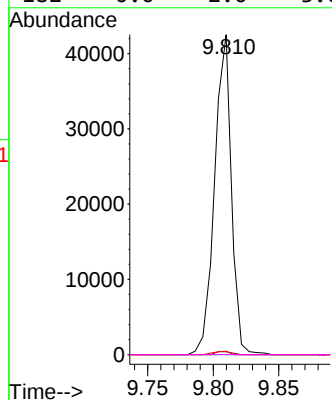
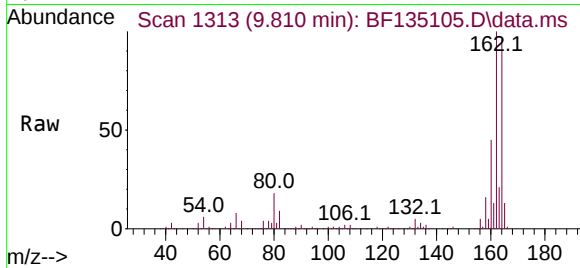




#57
2,4-Dinitrotoluene
Concen: 7.000 ng
RT: 9.810 min Scan# 1347
Delta R.T. -0.200 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

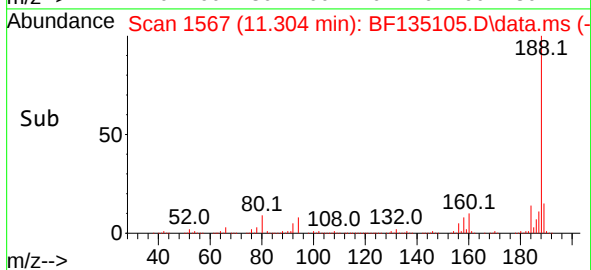
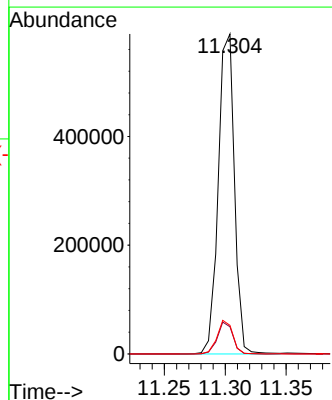
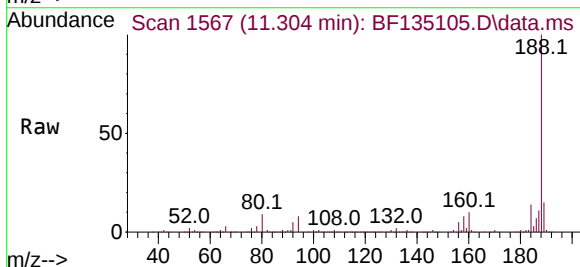
Instrument :
BNA_F
ClientSampleId :
PB155231TB

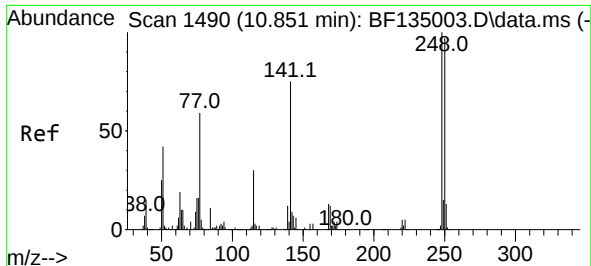
Tgt Ion:165 Resp: 37845
Ion Ratio Lower Upper
165 100
63 0.9 43.2 64.8#
89 1.1 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

Tgt Ion:188 Resp: 545118
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 8.9 7.4 11.2

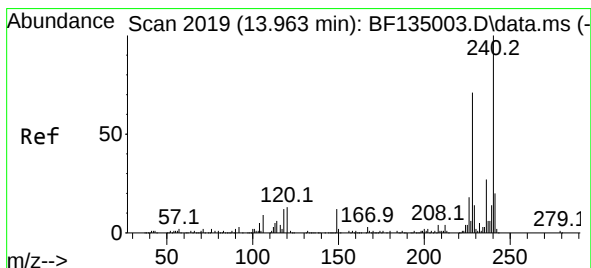
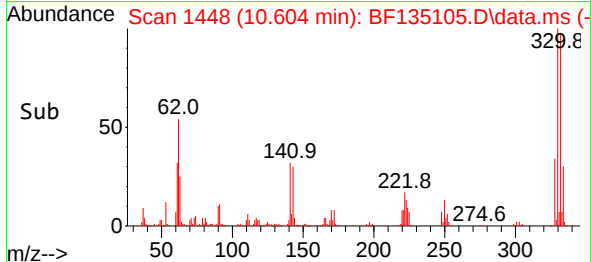
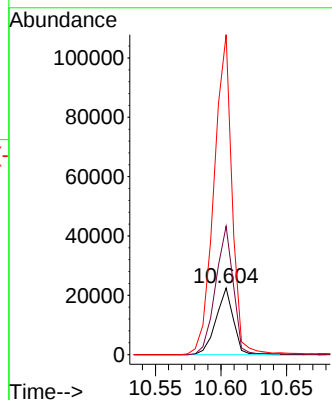
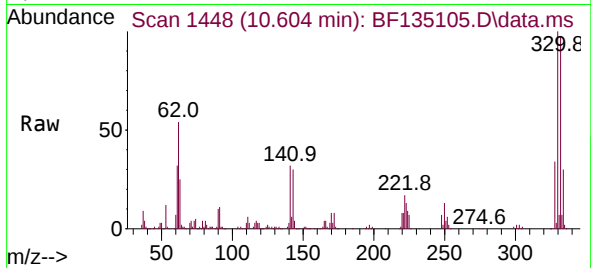




#67
4-Bromophenyl-phenylether
Concen: 3.559 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

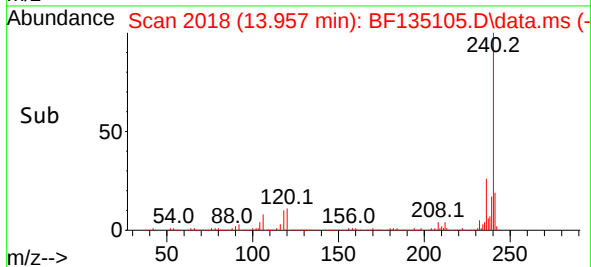
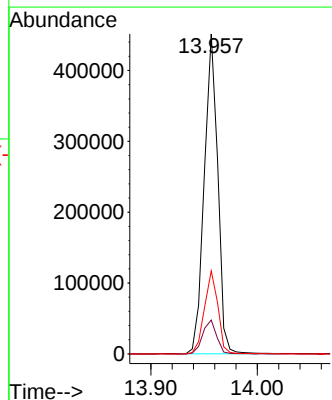
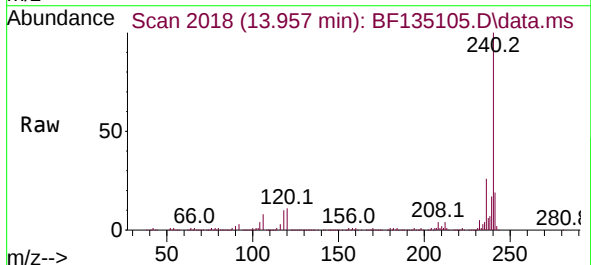
Instrument :
BNA_F
ClientSampleId :
PB155231TB

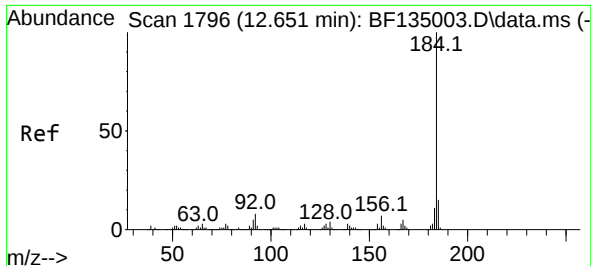
Tgt Ion:248 Resp: 20580
Ion Ratio Lower Upper
248 100
250 192.7 77.9 116.9#
141 480.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

Tgt Ion:240 Resp: 396514
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.2
236 25.9 21.3 31.9

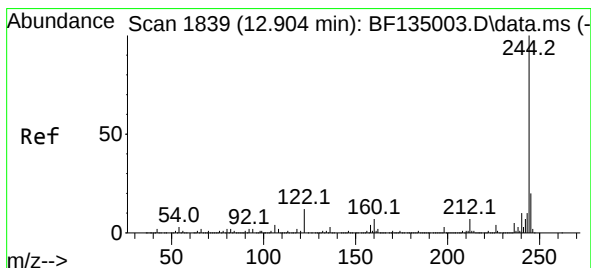
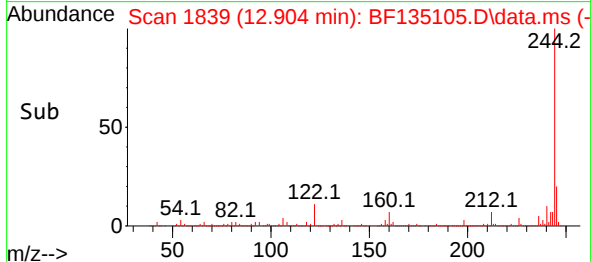
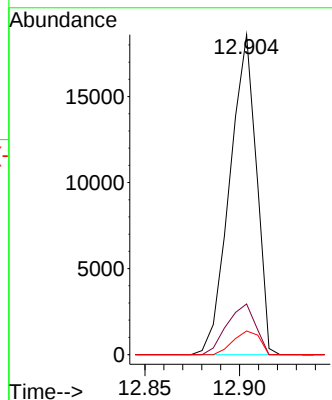
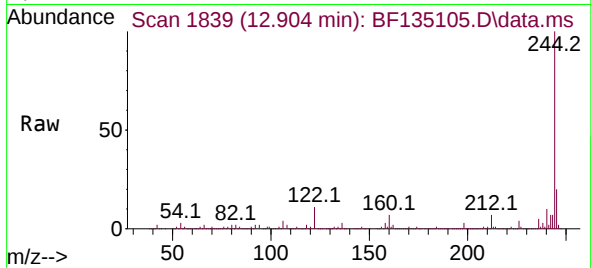




#77
Benzidine
Concen: 2.545 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.253 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

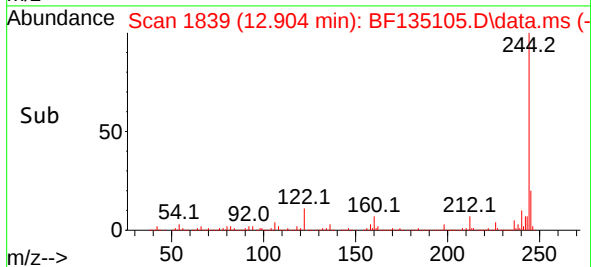
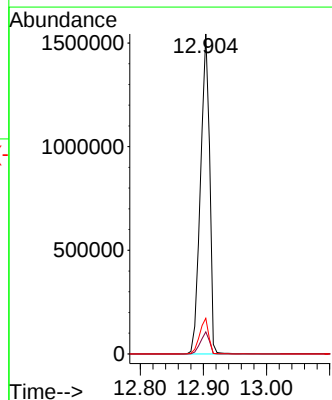
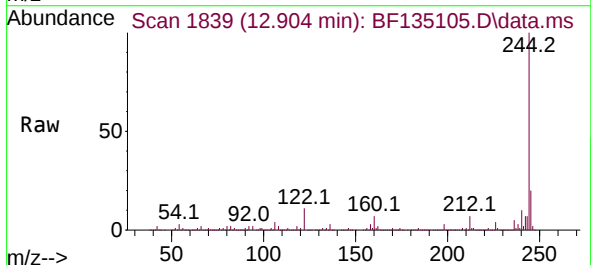
Instrument :
BNA_F
ClientSampleId :
PB155231TB

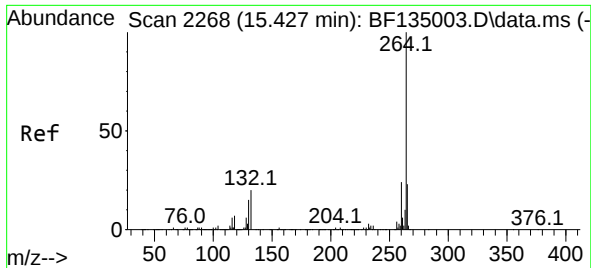
Tgt Ion:184 Resp: 18190
Ion Ratio Lower Upper
184 100
185 15.8 12.0 18.0
183 7.4 9.0 13.6#



#79
Terphenyl-d14
Concen: 63.782 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF135105.D
Acq: 05 Sep 2023 21:20

Tgt Ion:244 Resp: 1549744
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.1 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF135105.D
 Acq: 05 Sep 2023 21:20

Instrument :
 BNA_F
 ClientSampleId :
 PB155231TB

Tgt Ion:264 Resp: 324824
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.3 18.2 27.2

