

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135089.D
 Acq On : 05 Sep 2023 11:22
 Operator : CG\JU
 Sample : PB155248BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155213BL

Quant Time: Sep 05 12:06:30 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)

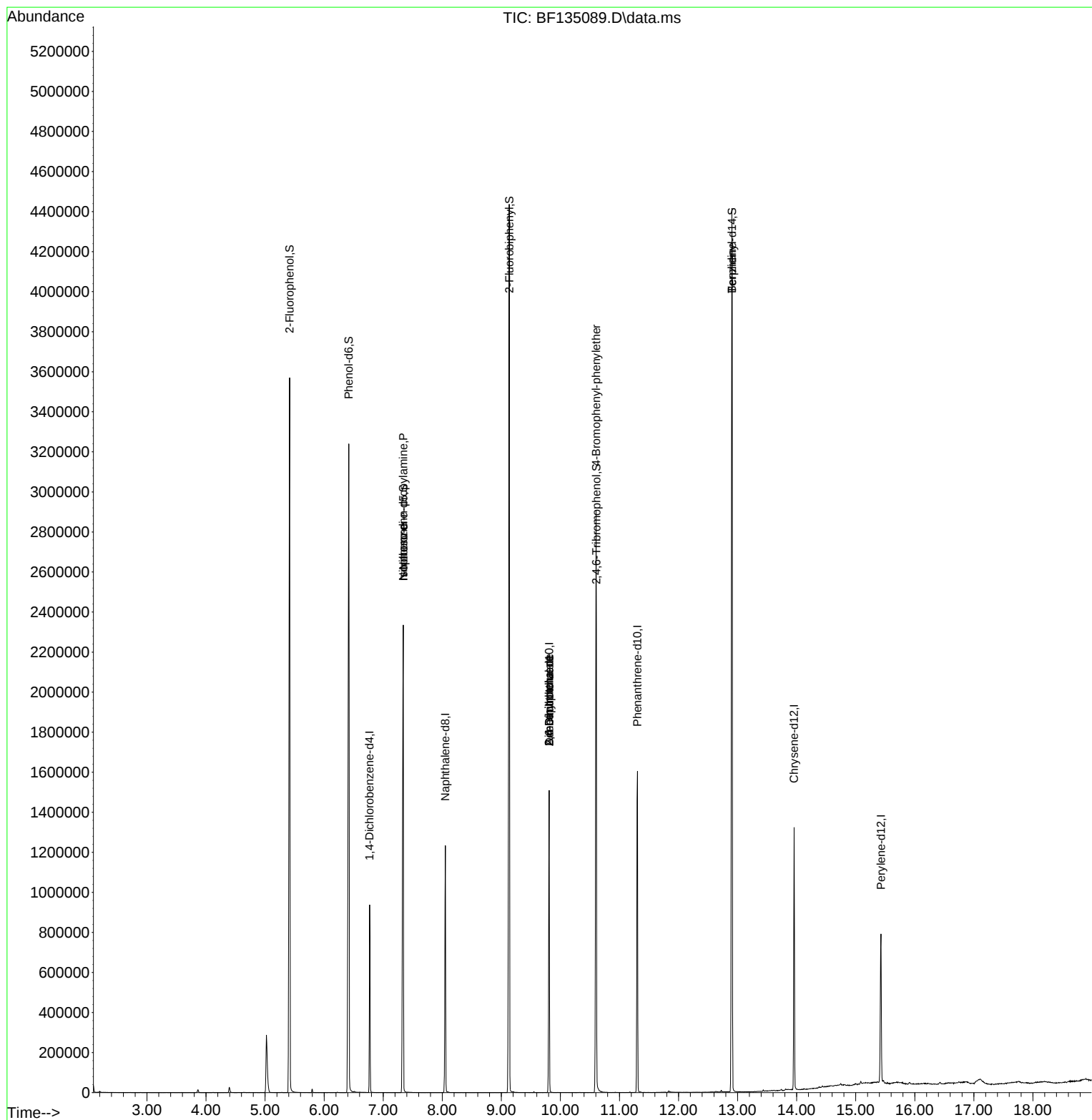
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	129315	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	559887	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	296713	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	589748	20.000	ng	0.00
76) Chrysene-d12	13.957	240	419258	20.000	ng	0.00
86) Perylene-d12	15.427	264	345490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1081161	129.140	ng	0.02
7) Phenol-d6	6.416	99	1340882	128.497	ng	0.00
23) Nitrobenzene-d5	7.340	82	867244	87.022	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	408141	129.671	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1550256	85.065	ng	0.00
79) Terphenyl-d14	12.904	244	1888731	73.516	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	118730	19.155	ng	# 75
25) Isophorone	7.340	82	864108	45.732	ng	# 65
50) Dimethylphthalate	9.810	163	61615	2.966	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	38674	8.483	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	38674	6.807	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	25970	4.152	ng	# 1
77) Benzidine	12.904	184	23991	3.174	ng	# 95

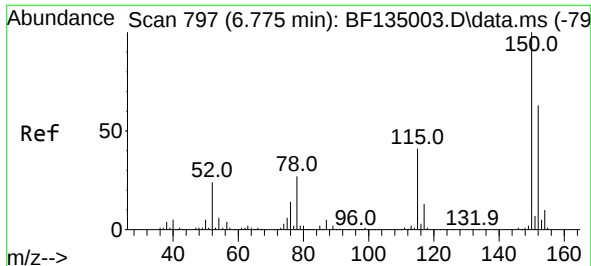
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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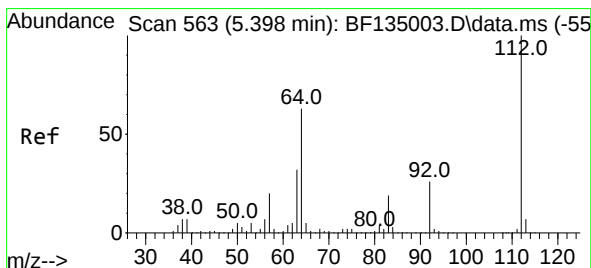
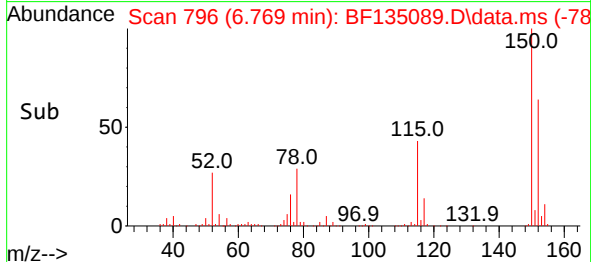
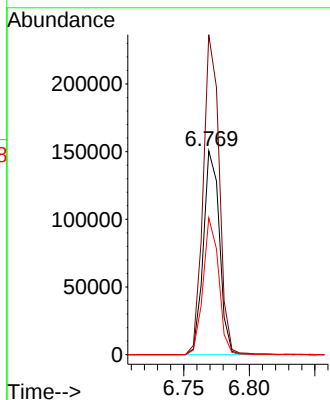
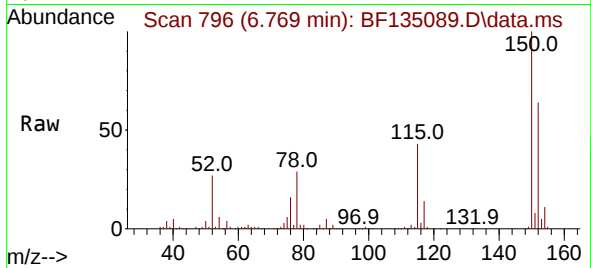




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

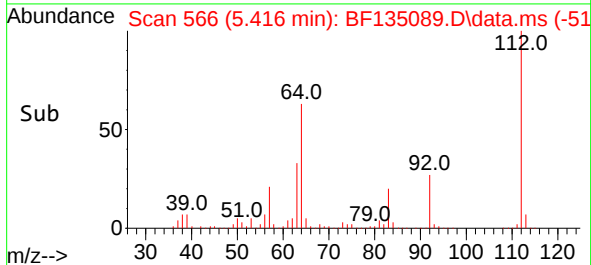
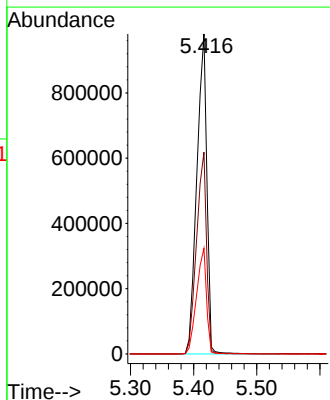
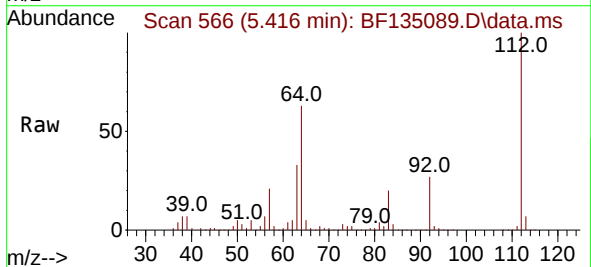
Instrument :
BNA_F
ClientSampleId :
PB155213BL

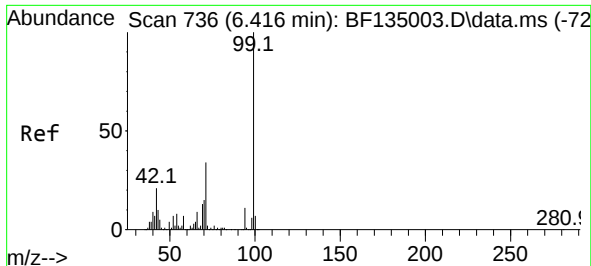
Tgt Ion:152 Resp: 129315
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.4
115 67.1 51.2 76.8



#5
2-Fluorophenol
Concen: 129.140 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

Tgt Ion:112 Resp: 1081161
Ion Ratio Lower Upper
112 100
64 63.1 50.5 75.7
63 33.0 25.9 38.9





#7

Phenol-d6

Concen: 128.497 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135089.D

Acq: 05 Sep 2023 11:22

Instrument :

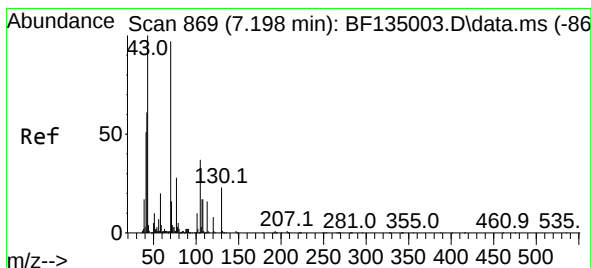
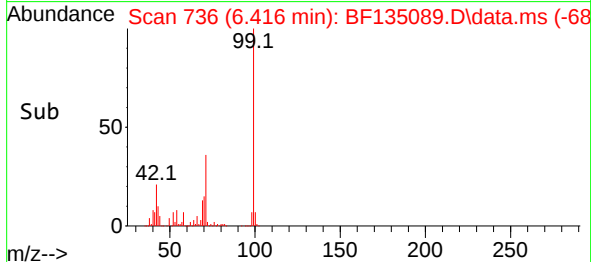
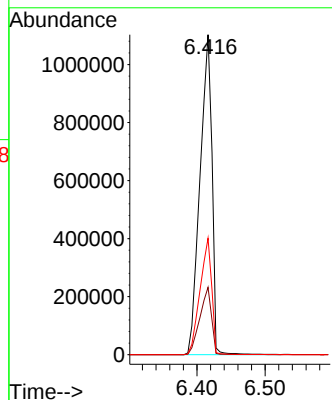
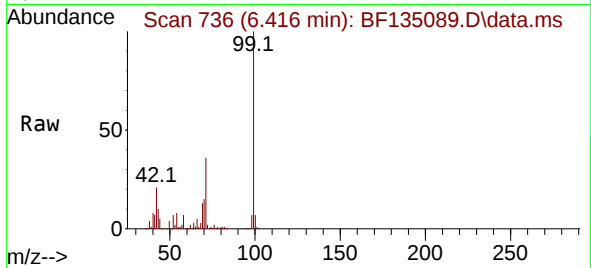
BNA_F

ClientSampleId :

PB155213BL

Tgt Ion: 99 Resp: 1340882

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.6	25.0
71	36.4	27.0	40.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.155 ng

RT: 7.340 min Scan# 893

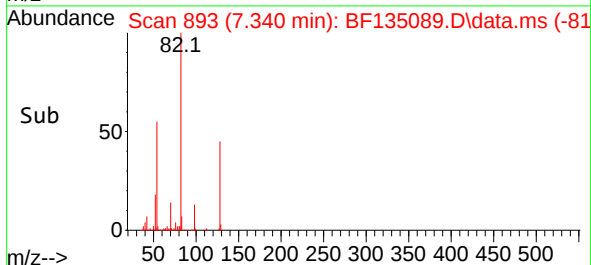
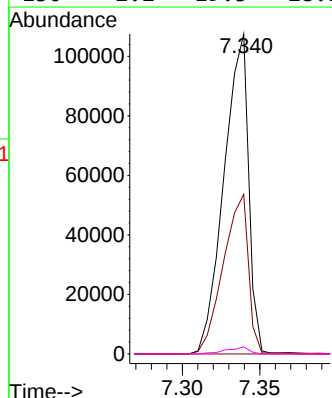
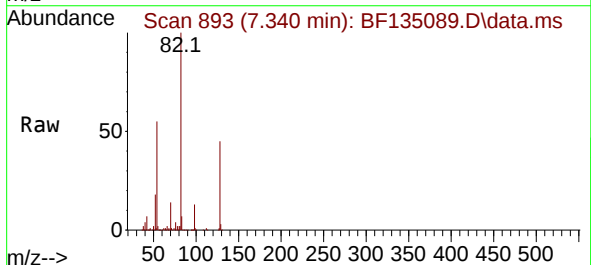
Delta R.T. 0.141 min

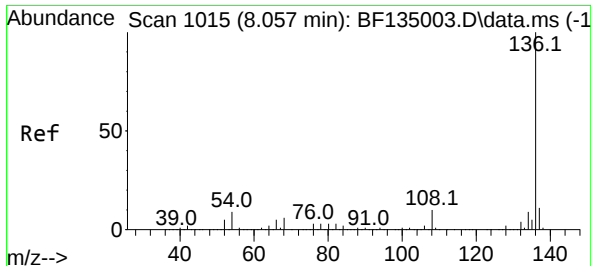
Lab File: BF135089.D

Acq: 05 Sep 2023 11:22

Tgt Ion: 70 Resp: 118730

Ion	Ratio	Lower	Upper
70	100		
42	49.9	50.2	75.4#
101	0.0	8.1	12.1#
130	2.2	19.3	28.9#

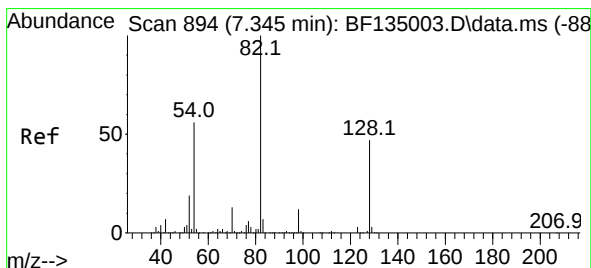
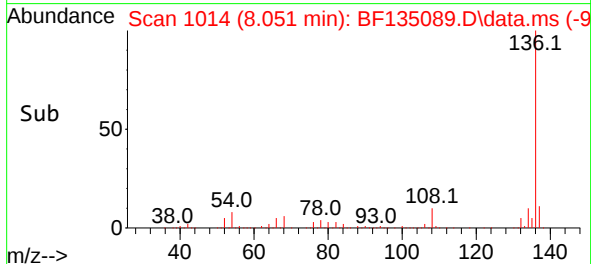
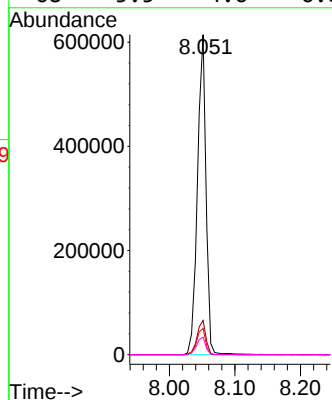
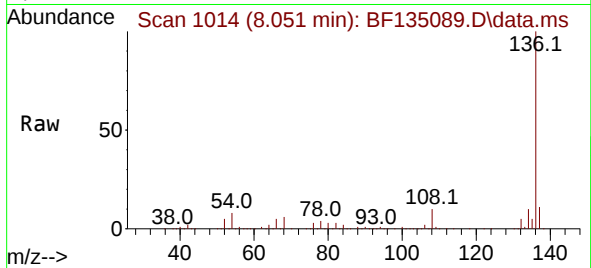




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

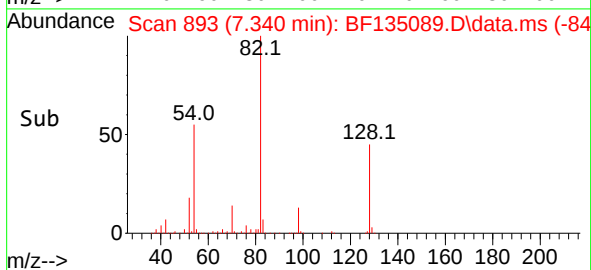
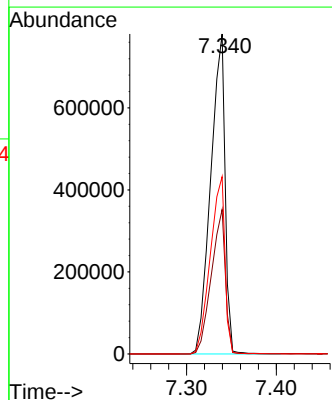
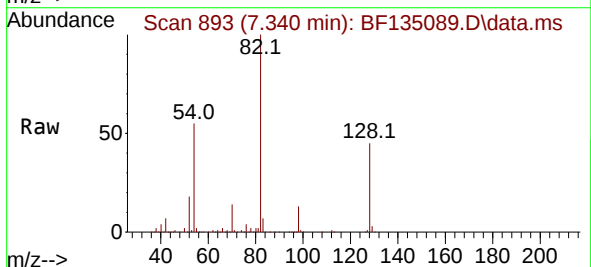
Instrument :
BNA_F
ClientSampleId :
PB155213BL

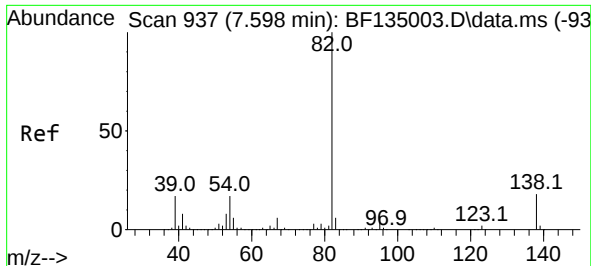
Tgt Ion:136 Resp: 559887
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 7.0 10.4
68 5.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 87.022 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

Tgt Ion: 82 Resp: 867244
Ion Ratio Lower Upper
82 100
128 45.1 37.8 56.8
54 55.4 45.0 67.6

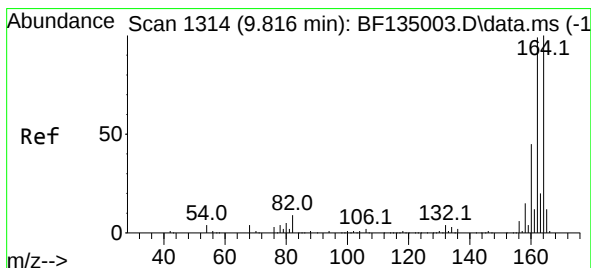
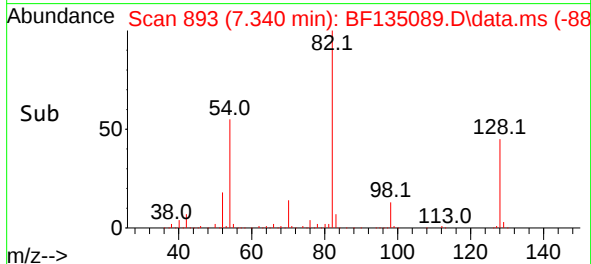
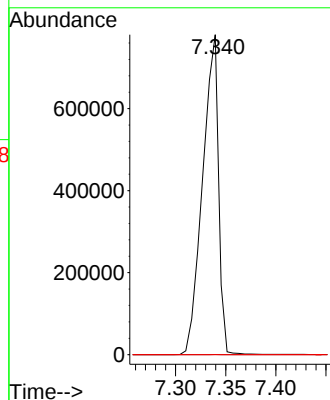
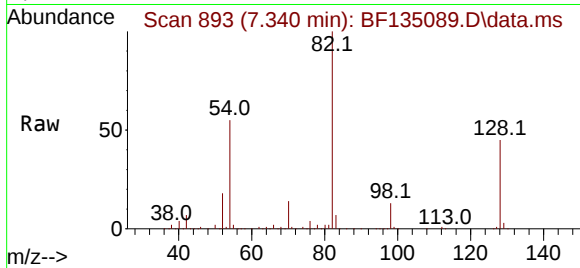




#25
Isophorone
Concen: 45.732 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

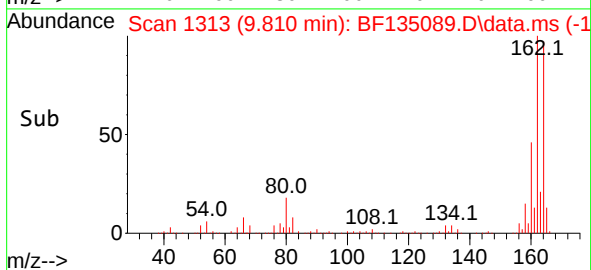
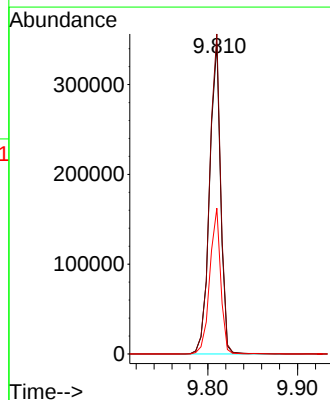
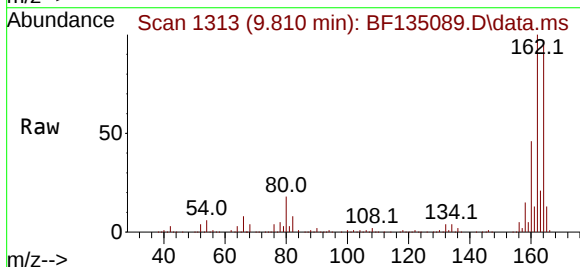
Instrument :
BNA_F
ClientSampleId :
PB155213BL

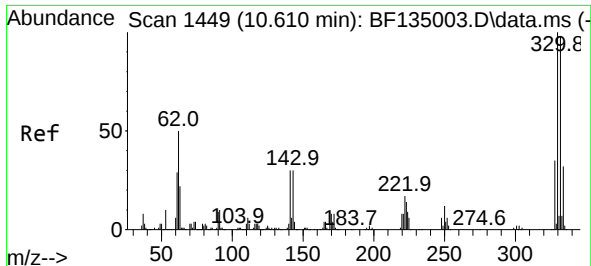
Tgt Ion: 82 Resp: 864108
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

Tgt Ion: 164 Resp: 296713
Ion Ratio Lower Upper
164 100
162 103.2 79.5 119.3
160 47.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 129.671 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF135089.D

Acq: 05 Sep 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB155213BL

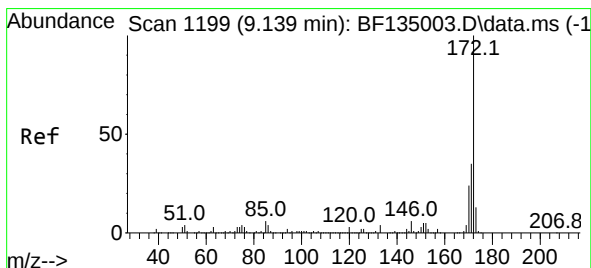
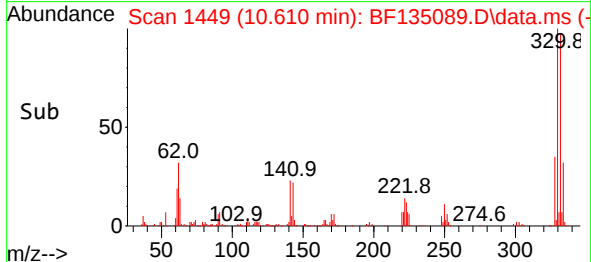
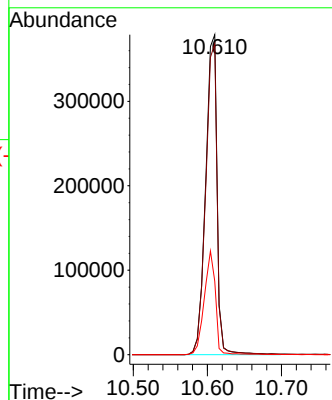
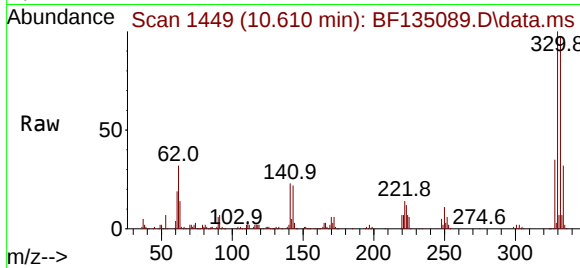
Tgt Ion:330 Resp: 408141

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

141 31.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 85.065 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135089.D

Acq: 05 Sep 2023 11:22

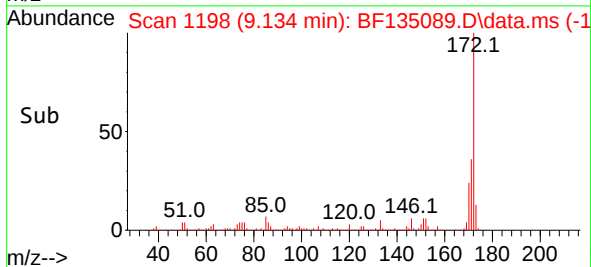
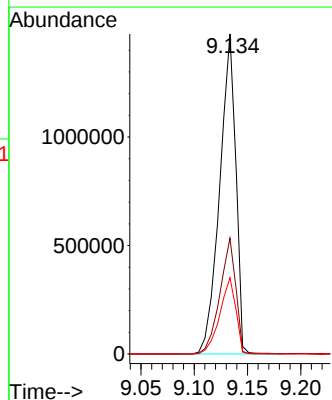
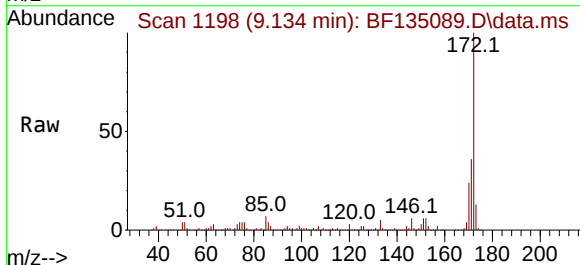
Tgt Ion:172 Resp: 1550256

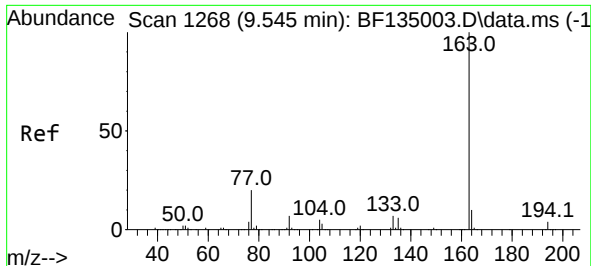
Ion Ratio Lower Upper

172 100

171 36.2 28.2 42.2

170 23.8 19.0 28.4

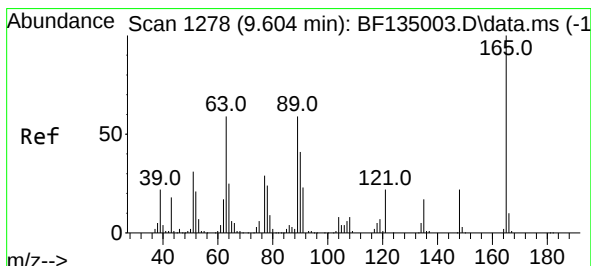
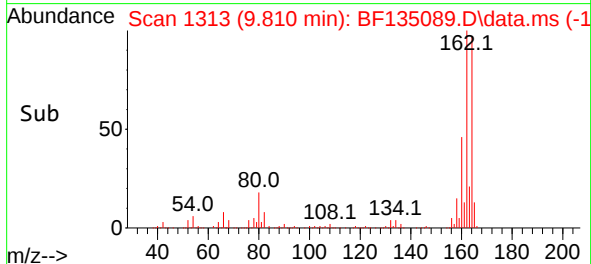
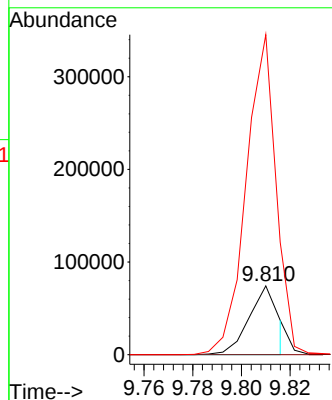
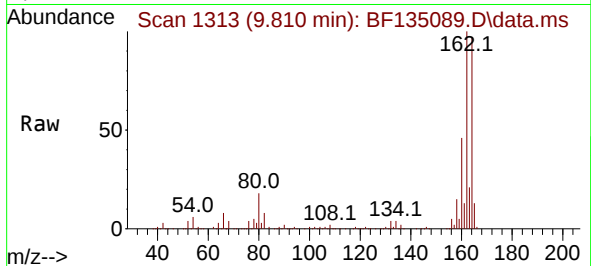




#50
Dimethylphthalate
Concen: 2.966 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.265 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

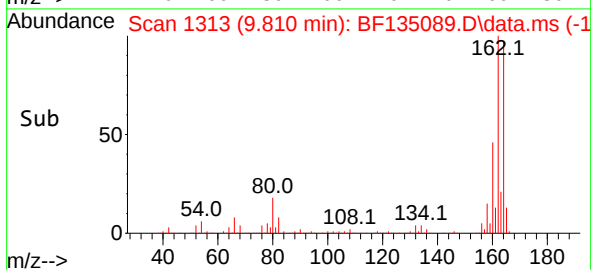
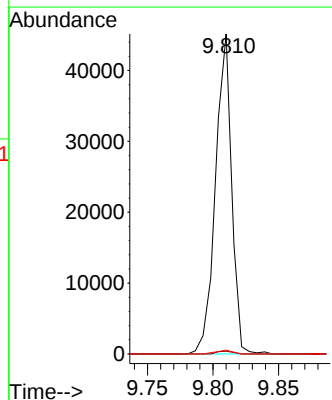
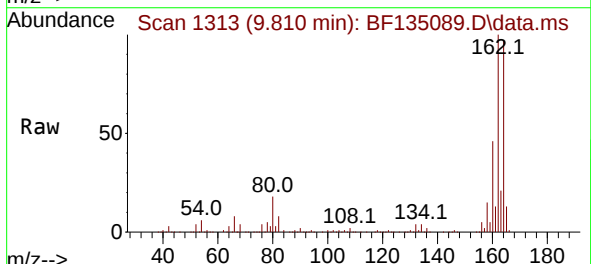
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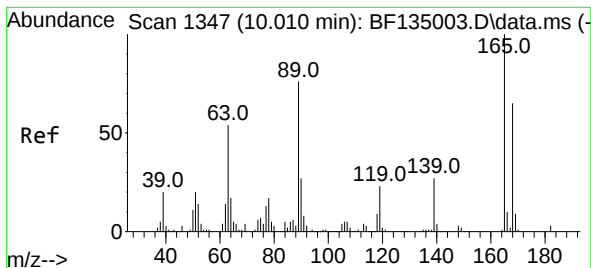
Tgt Ion:163 Resp: 61615
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 465.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.483 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

Tgt Ion:165 Resp: 38674
Ion Ratio Lower Upper
165 100
63 0.9 50.4 75.6#
89 1.2 47.1 70.7#

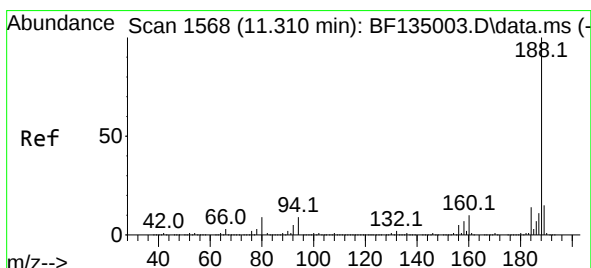
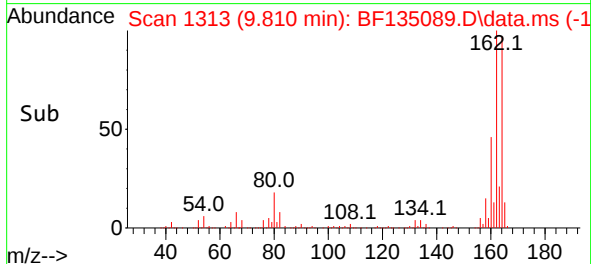
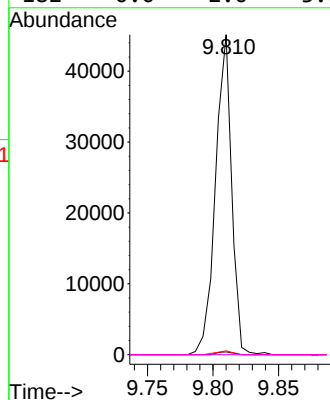
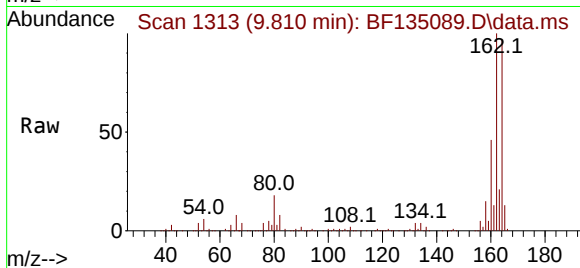




#57
2,4-Dinitrotoluene
Concen: 6.807 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

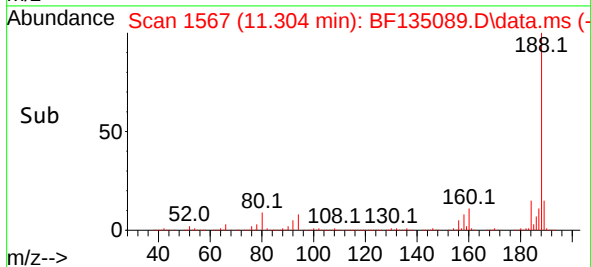
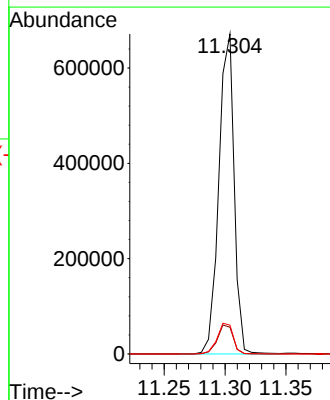
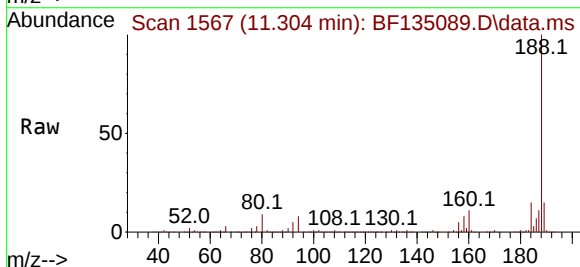
Instrument :
BNA_F
ClientSampleId :
PB155213BL

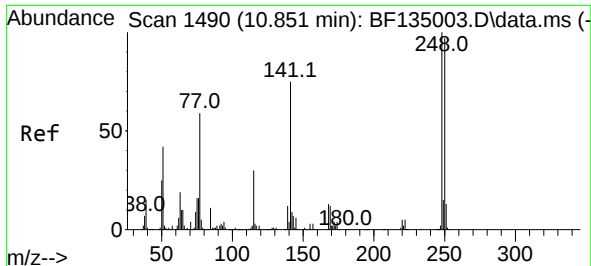
Tgt Ion:165 Resp: 38674
Ion Ratio Lower Upper
165 100
63 0.9 43.2 64.8#
89 1.2 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

Tgt Ion:188 Resp: 589748
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.0 7.4 11.2

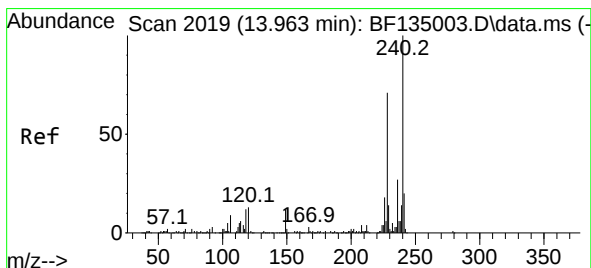
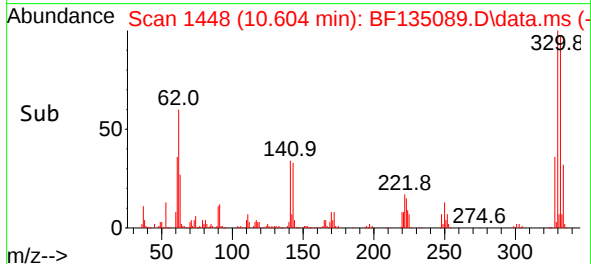
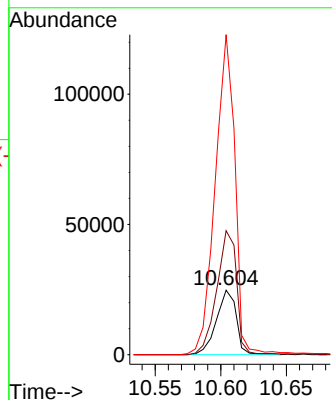
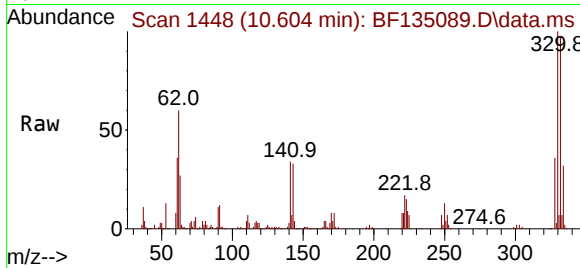




#67
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

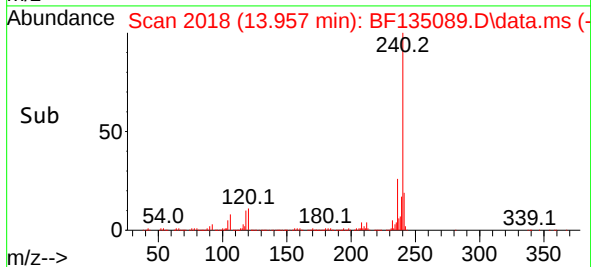
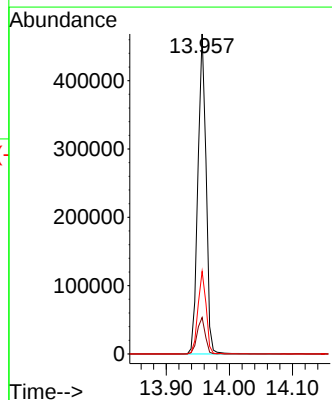
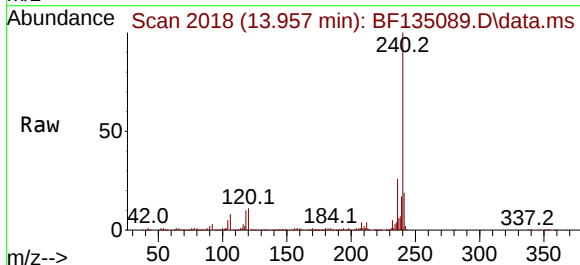
Instrument :
BNA_F
ClientSampleId :
PB155213BL

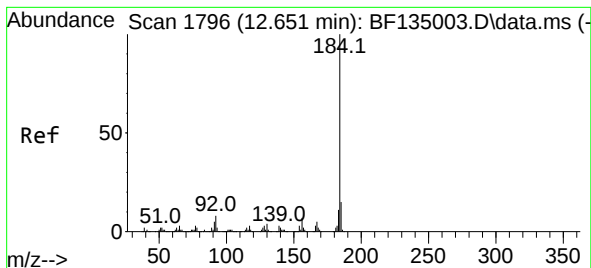
Tgt Ion:248 Resp: 25970
Ion Ratio Lower Upper
248 100
250 192.3 77.9 116.9#
141 496.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135089.D
Acq: 05 Sep 2023 11:22

Tgt Ion:240 Resp: 419258
Ion Ratio Lower Upper
240 100
120 11.4 10.2 15.2
236 25.8 21.3 31.9





#77

Benzidine

Concen: 3.174 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.253 min

Lab File: BF135089.D

Acq: 05 Sep 2023 11:22

Instrument :

BNA_F

ClientSampleId :

PB155213BL

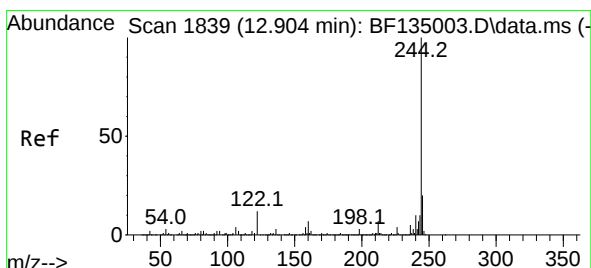
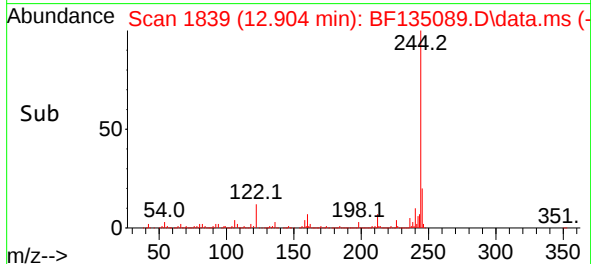
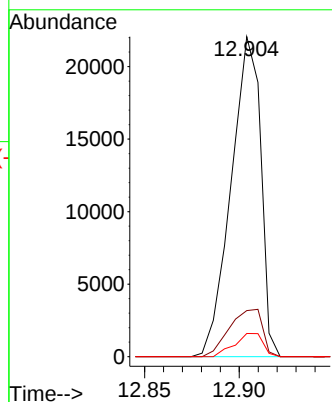
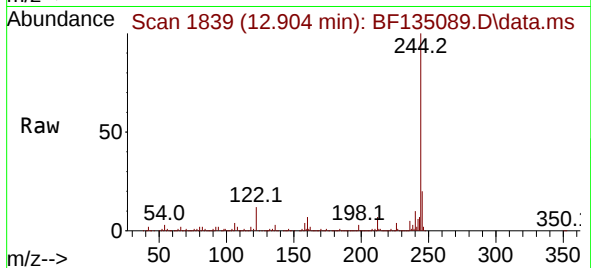
Tgt Ion:184 Resp: 23991

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

183 7.2 9.0 13.6#



#79

Terphenyl-d14

Concen: 73.516 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF135089.D

Acq: 05 Sep 2023 11:22

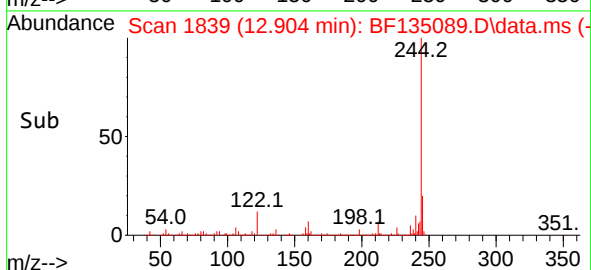
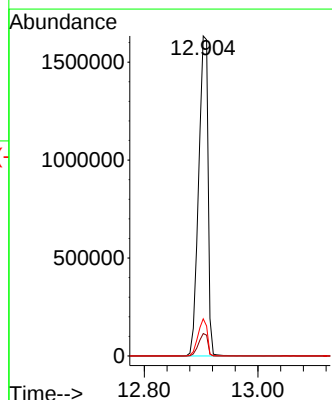
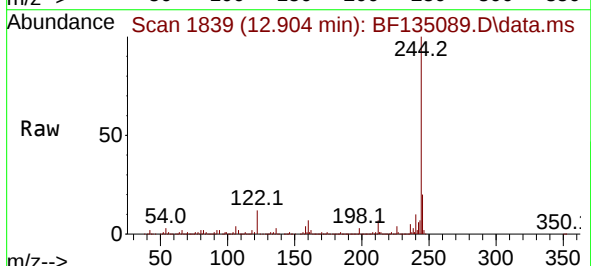
Tgt Ion:244 Resp: 1888731

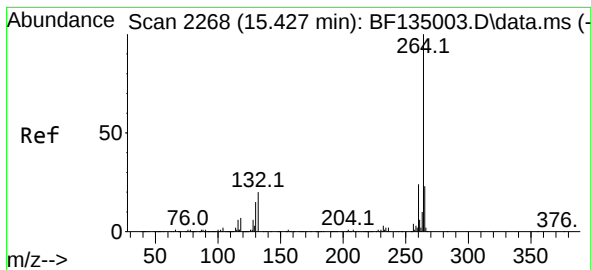
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

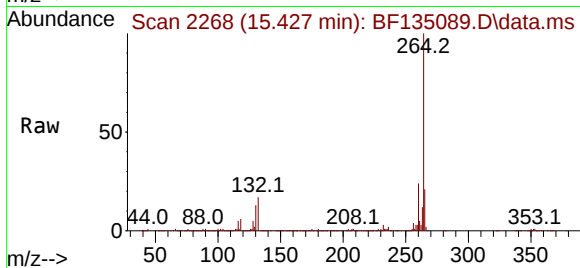
122 11.6 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135089.D
 Acq: 05 Sep 2023 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB155213BL



Tgt Ion:264 Resp: 345490
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.3 18.2 27.2

